Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021521\
Data File : PQ052236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Feb 2021 11:30
Operator : DD\AJ
Sample : AR1254CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 06:22:17 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 12 07:36:14 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1) SA	Tetrachlo...	5.229	4.246	434.0E6	155.1E6	17.673	18.487	
2) SA	Decachlor...	11.420	9.591	733.7E6	286.2E6	35.798	37.105	
	Target Compounds							
3) L1	AR-1016-1	6.553	5.506	7420701	3996352	9.236	12.974	#
4) L1	AR-1016-2	6.580	5.526	10389570	2783486	8.800	6.492	#
5) L1	AR-1016-3	6.644	5.720	5847452	1579210	8.193	7.209	
6) L1	AR-1016-4	6.751	5.769	6828081	61889532	11.342	369.572	#
7) L1	AR-1016-5	7.065	5.999	98894302	29438260	175.766	137.848	
8) L2	AR-1221-1	5.480	0.000	2894622	0	11.350	N.D.	#
9) L2	AR-1221-2	5.585	4.601	6950788	2354403	39.517	37.208	
10) L2	AR-1221-3	5.668	4.692	6533688	879965	11.097	4.081	#
11) L3	AR-1232-1	5.668	4.692	6533688	879965	13.296	4.866	#
12) L3	AR-1232-2	6.259	5.526	4293757	2783486	16.683	14.098	
13) L3	AR-1232-3	6.580	5.720	10389570	1579210	19.749	16.054	
14) L3	AR-1232-4	6.751	5.813	6828081	16927855	26.047	204.514	#
15) L3	AR-1232-5	6.846	5.999	160.4E6	29438260	868.369	330.884	#
16) L4	AR-1242-1	6.553	5.506	7420701	3996352	10.798	15.171	#
17) L4	AR-1242-2	6.580	5.526	10389570	2783486	10.291	7.576	#
18) L4	AR-1242-3	6.644	5.720	5847452	1579210	9.629	8.283	
19) L4	AR-1242-4	6.751	5.813	6828081	16927855	13.428	95.849	#
20) L4	AR-1242-5	7.536	6.379	125.9E6	168.0E6	223.249	670.208	#
21) L5	AR-1248-1	6.553	5.506	7420701	3996352	13.549	19.434	#
22) L5	AR-1248-2	6.846	5.769	160.4E6	61889532	208.713	228.980	
23) L5	AR-1248-3	7.065	5.813	98894302	16927855	112.008	60.706	#
24) L5	AR-1248-4	7.493	5.999	168.1E6	29438260	161.721	88.470	#
25) L5	AR-1248-5	7.536	6.422	125.9E6	18817432	122.951	52.629	#
26) L6	AR-1254-1	7.463	6.379	337.3E6	168.0E6	339.575	315.082	
27) L6	AR-1254-2	7.691	6.537	500.1E6	143.3E6	323.547	313.735	
28) L6	AR-1254-3	8.075	6.959	535.1E6	237.0E6	316.575	315.166	
29) L6	AR-1254-4	8.369	7.197	391.4E6	160.6E6	312.076	318.373	
30) L6	AR-1254-5	8.798	7.627	470.6E6	215.6E6	350.172	317.013	
31) L7	AR-1260-1	8.241	7.097	201.3E6	111.9E6	201.455	273.301	#
32) L7	AR-1260-2	8.503	7.291	236.2E6	99574810	192.262	187.539	
33) L7	AR-1260-3	8.862	7.447	58694124	94898541	64.182	198.567	#
34) L7	AR-1260-4	9.107	7.931	170.5E6	12053280	158.236	29.758	#
35) L7	AR-1260-5	9.459	8.176	72089585	28017353	31.772	26.021	
36) L8	AR-1262-1	8.862	7.627	58694124	215.6E6	37.279	624.408	#
37) L8	AR-1262-2	9.459	8.176	72089585	28017353	24.063	20.891	
38) L8	AR-1262-3	9.818	8.465	52861927	-740303	26.555	N.D.	#
39) L8	AR-1262-4	9.871	8.525	16439391	23917492	10.803	24.477	#
40) L8	AR-1262-5	10.606	9.031	10822217	6896085	9.946	15.216	#
41) L9	AR-1268-1	9.818	8.465	52861927	-740303	15.038	N.D.	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021521\
Data File : PQ052236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Feb 2021 11:30
Operator : DD\AJ
Sample : AR1254CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 06:22:17 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 12 07:36:14 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42) L9	AR-1268-2	9.871	8.525	16439391	23917492	5.006	16.044	#
43) L9	AR-1268-3	10.133	8.736	5912631	7063357	2.125	5.633	#
44) L9	AR-1268-4	10.606	9.031	10822217	6896085	8.874	13.193	#
45) L9	AR-1268-5	11.054	9.331	9423328	2096314	0.965	0.522	#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

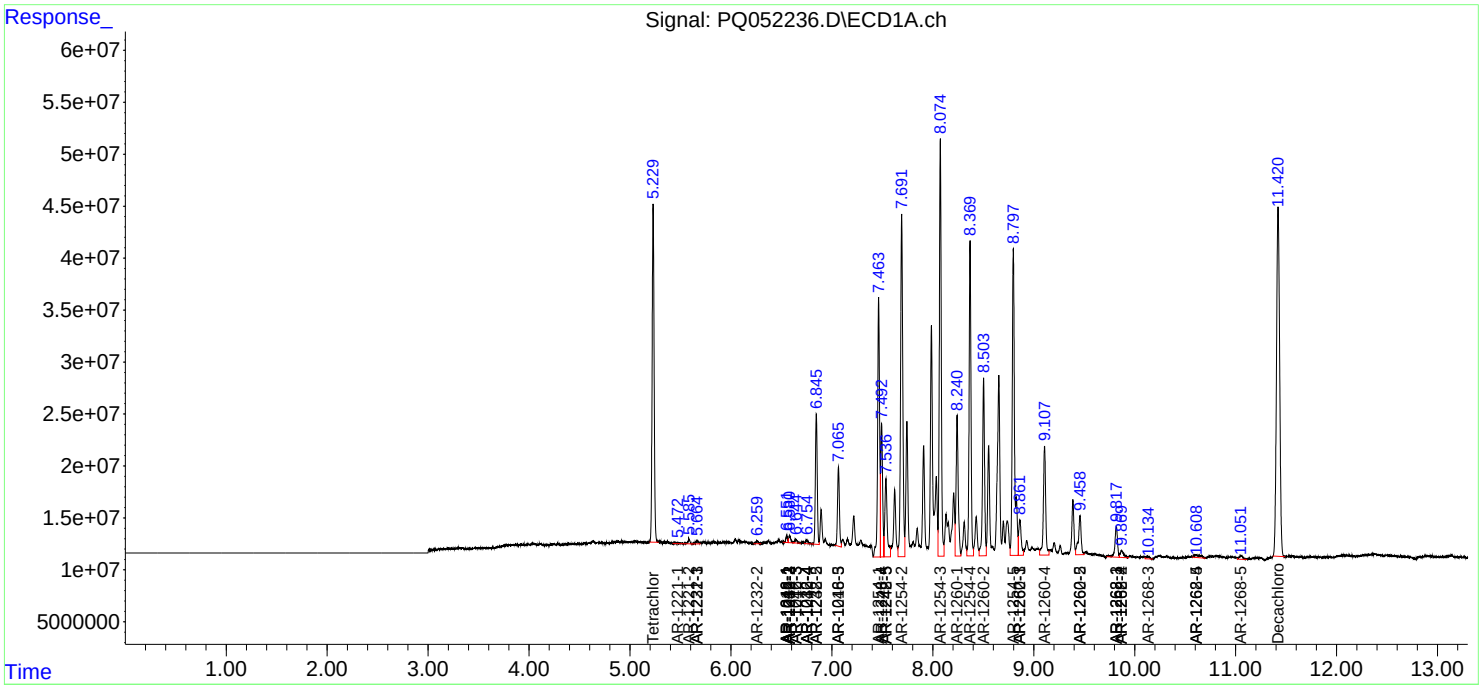
Quantitation Report (Not Reviewed)

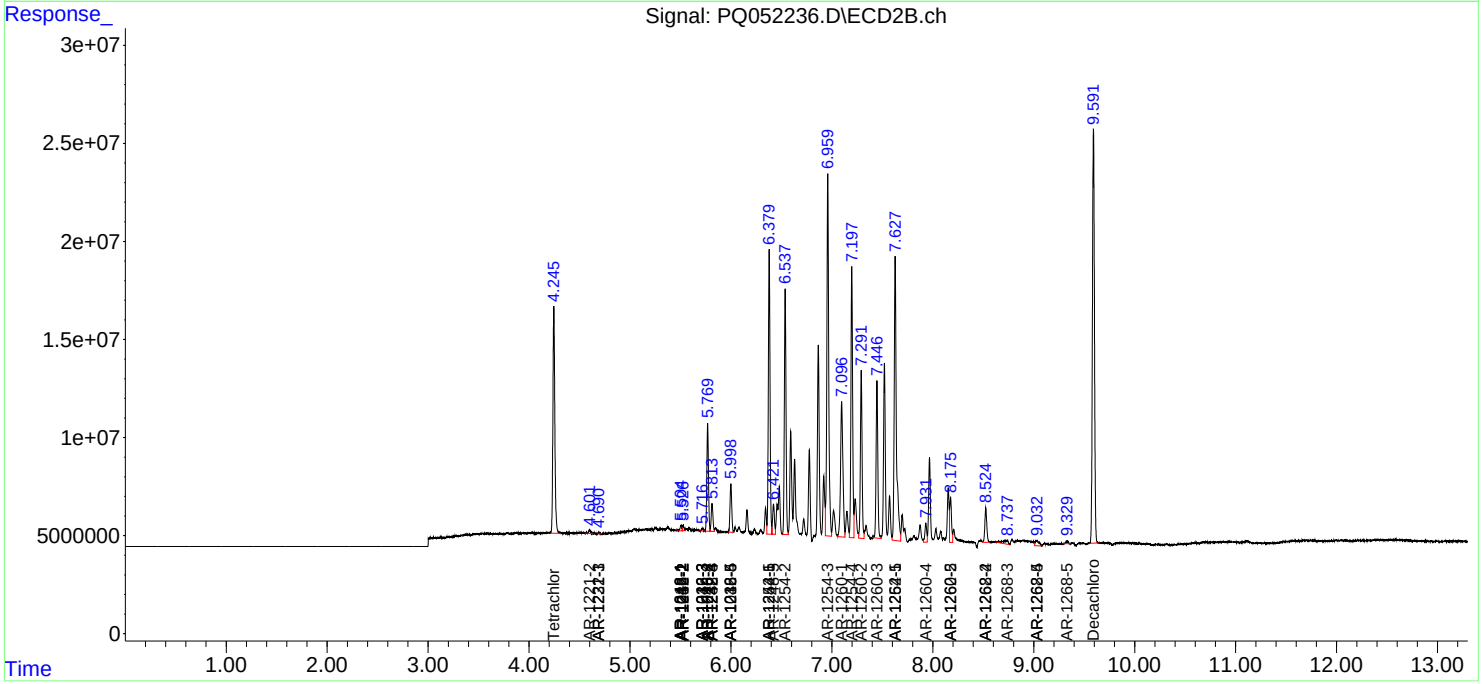
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021521\
Data File : PQ052236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Feb 2021 11:30
Operator : DD\AJ
Sample : AR1254CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

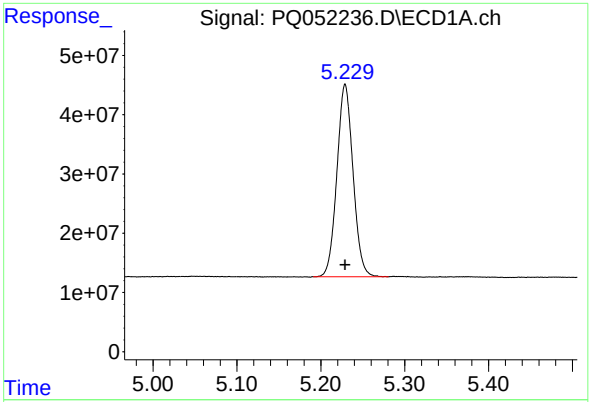
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 06:22:17 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 12 07:36:14 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



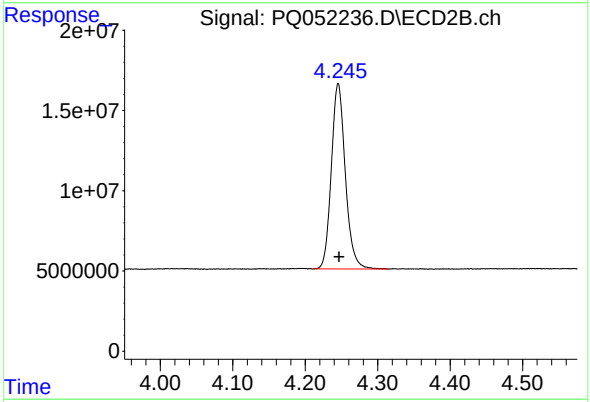


Instrument :
ECD_Q
ClientSampleId :



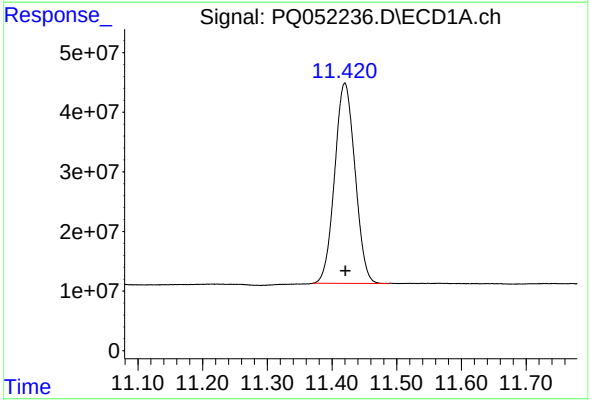
#1 Tetrachloro-m-xylene

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 434024718
Conc: 17.67 ng/ml



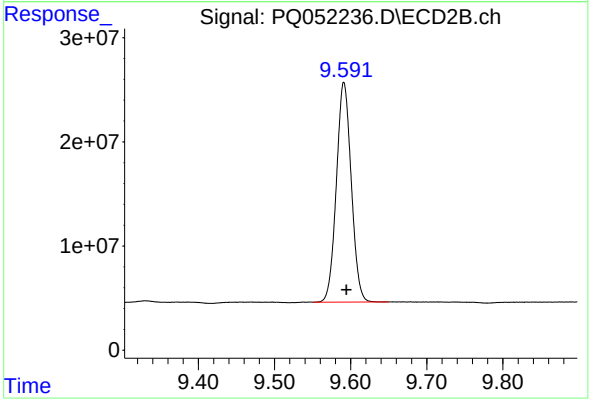
#1 Tetrachloro-m-xylene

R.T.: 4.246 min
Delta R.T.: -0.001 min
Response: 155074591
Conc: 18.49 ng/ml



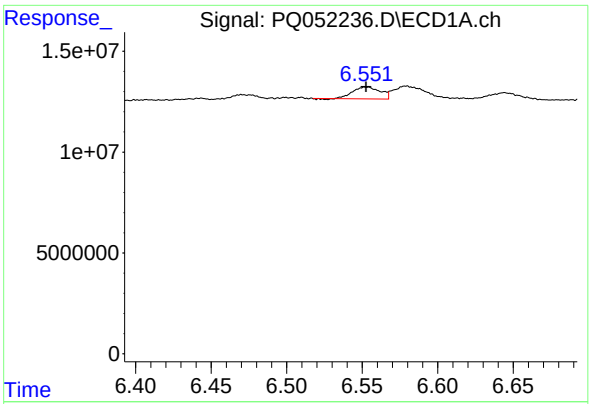
#2 Decachlorobiphenyl

R.T.: 11.420 min
Delta R.T.: -0.001 min
Response: 733677258
Conc: 35.80 ng/ml



#2 Decachlorobiphenyl

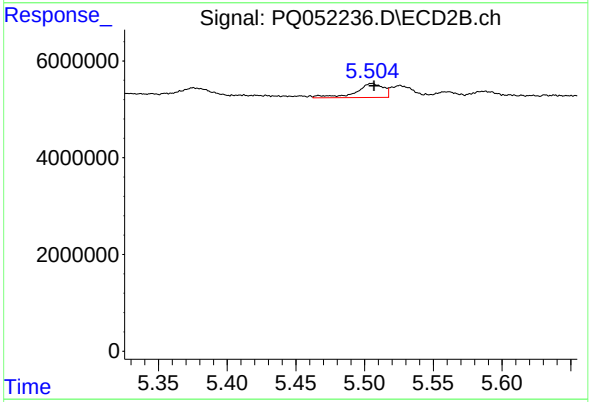
R.T.: 9.591 min
Delta R.T.: -0.003 min
Response: 286183172
Conc: 37.10 ng/ml



#3 AR-1016-1

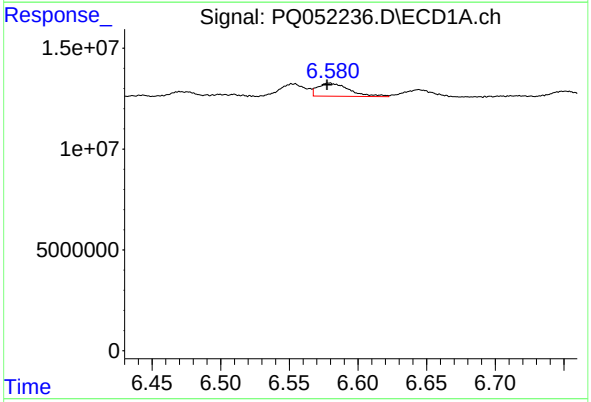
```
      R.T.:    6.553 min
Delta R.T.:    0.000 min
  Response:   7420701
      Conc:   9.24 ng/ml
```

Instrument :
ECD_Q
ClientSampleId :



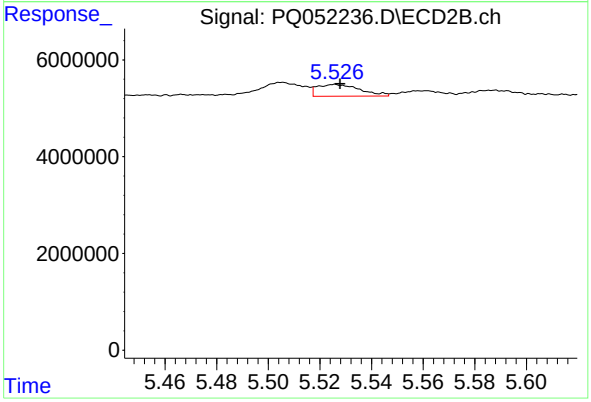
#3 AR-1016-1

```
      R.T.:    5.506 min
Delta R.T.:   -0.001 min
  Response:   3996352
      Conc:  12.97 ng/ml
```



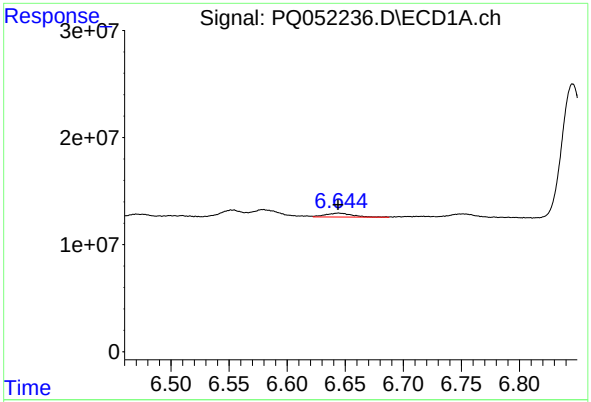
#4 AR-1016-2

```
      R.T.:    6.580 min
Delta R.T.:    0.002 min
  Response:  10389570
      Conc:   8.80 ng/ml
```



#4 AR-1016-2

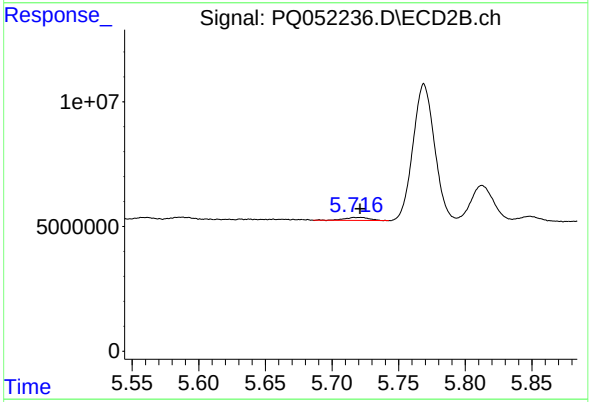
```
      R.T.:    5.526 min
Delta R.T.:   -0.002 min
  Response:   2783486
      Conc:   6.49 ng/ml
```



#5 AR-1016-3

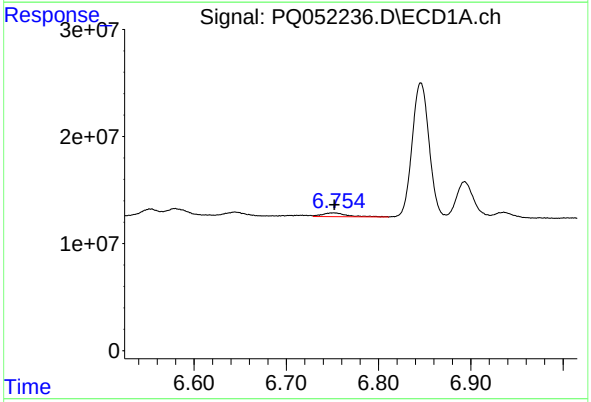
R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 5847452
Conc: 8.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



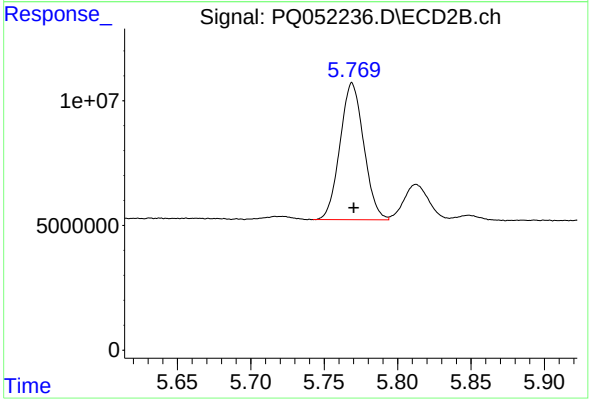
#5 AR-1016-3

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 1579210
Conc: 7.21 ng/ml



#6 AR-1016-4

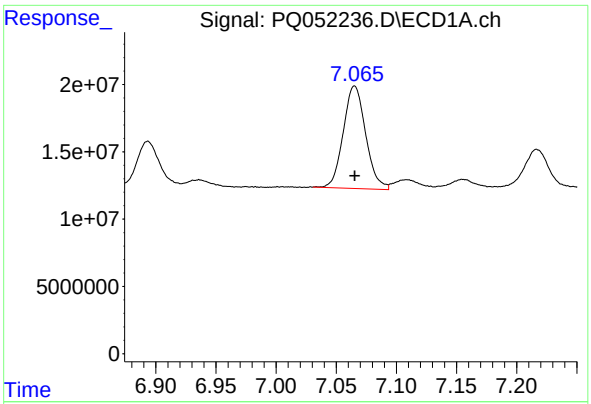
R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 6828081
Conc: 11.34 ng/ml



#6 AR-1016-4

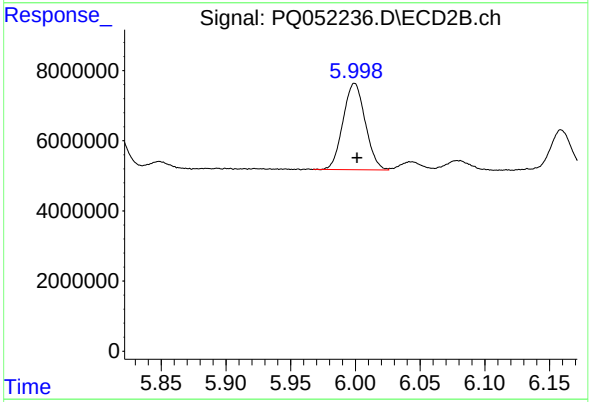
R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 61889532
Conc: 369.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



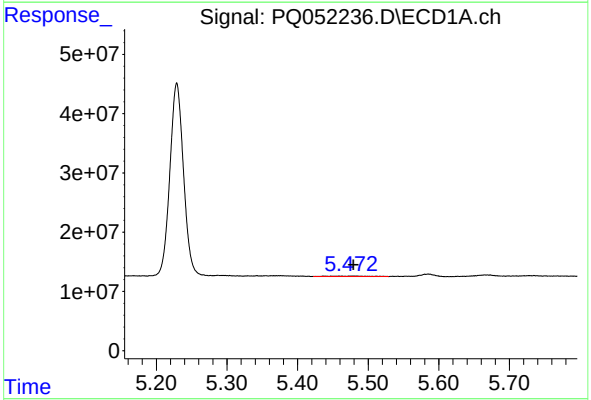
#7 AR-1016-5

```
      R.T.:    7.065 min
Delta R.T.:    0.000 min
  Response:  98894302
      Conc: 175.77 ng/ml
```



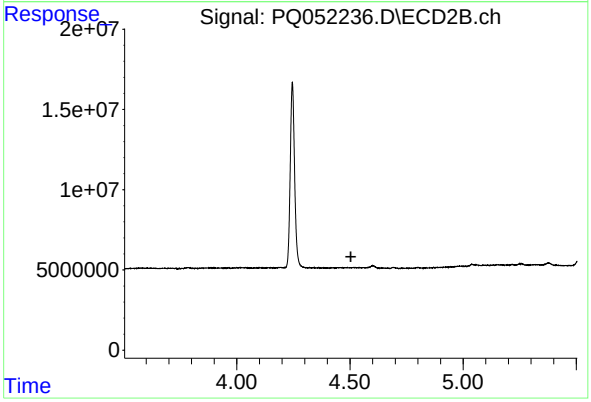
#7 AR-1016-5

```
      R.T.:    5.999 min
Delta R.T.:   -0.002 min
  Response:  29438260
      Conc: 137.85 ng/ml
```



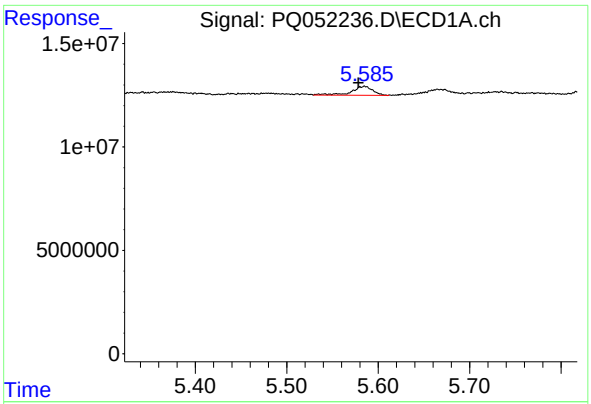
#8 AR-1221-1

```
      R.T.:    5.480 min
Delta R.T.:    0.001 min
  Response:   2894622
      Conc:  11.35 ng/ml
```



#8 AR-1221-1

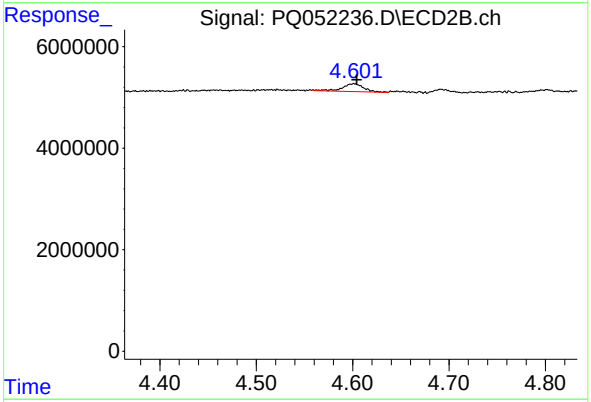
```
      R.T.:    0.000 min
Exp R.T.  :    4.504 min
  Response:         0
      Conc:   N.D.
```



#9 AR-1221-2

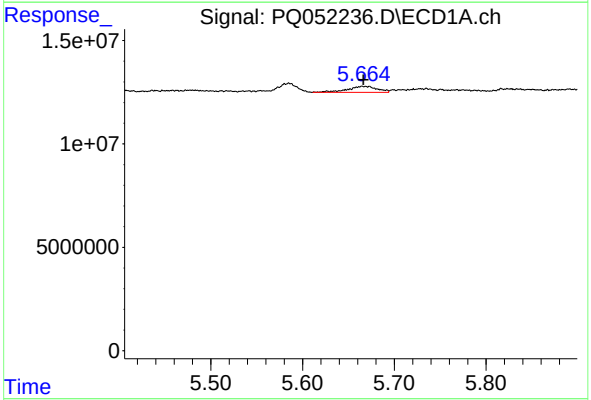
R.T.: 5.585 min
Delta R.T.: 0.006 min
Response: 6950788
Conc: 39.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



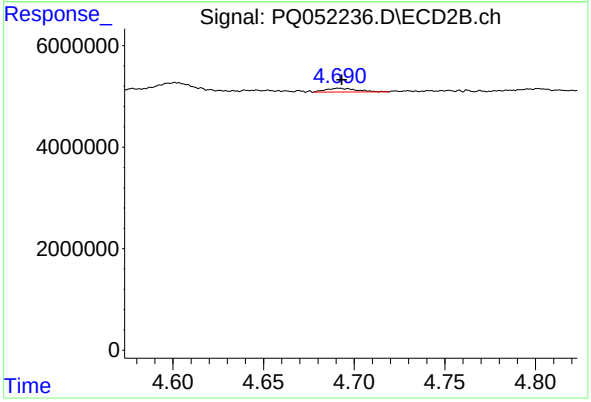
#9 AR-1221-2

R.T.: 4.601 min
Delta R.T.: -0.003 min
Response: 2354403
Conc: 37.21 ng/ml



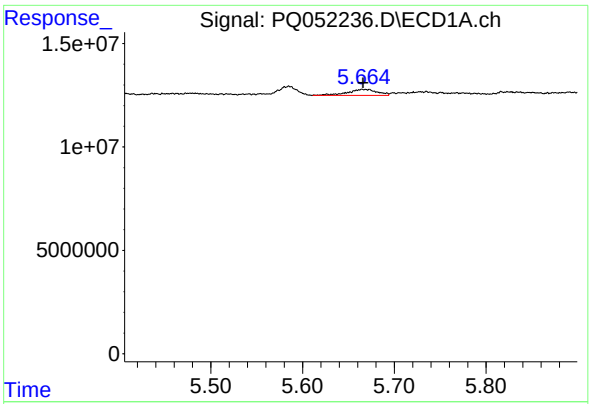
#10 AR-1221-3

R.T.: 5.668 min
Delta R.T.: 0.001 min
Response: 6533688
Conc: 11.10 ng/ml



#10 AR-1221-3

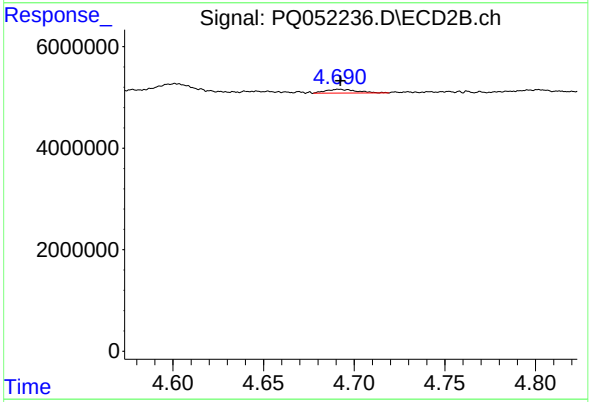
R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 879965
Conc: 4.08 ng/ml



#11 AR-1232-1

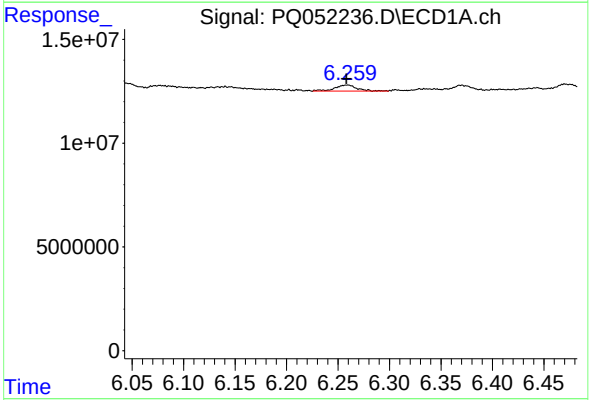
R.T.: 5.668 min
Delta R.T.: 0.002 min
Response: 6533688
Conc: 13.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



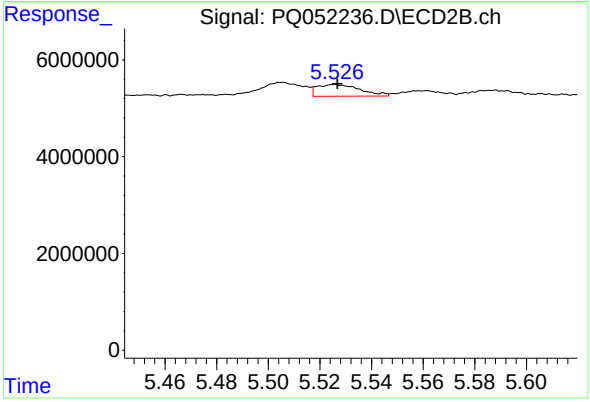
#11 AR-1232-1

R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 879965
Conc: 4.87 ng/ml



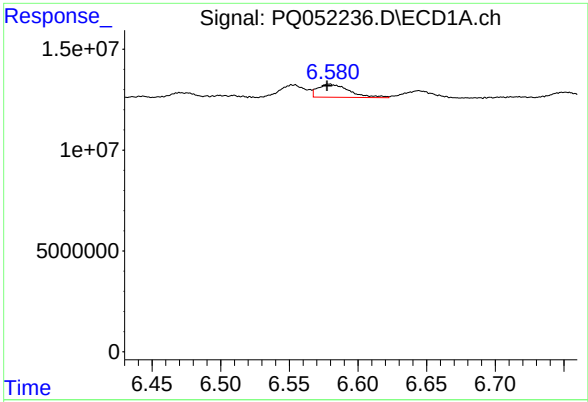
#12 AR-1232-2

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 4293757
Conc: 16.68 ng/ml



#12 AR-1232-2

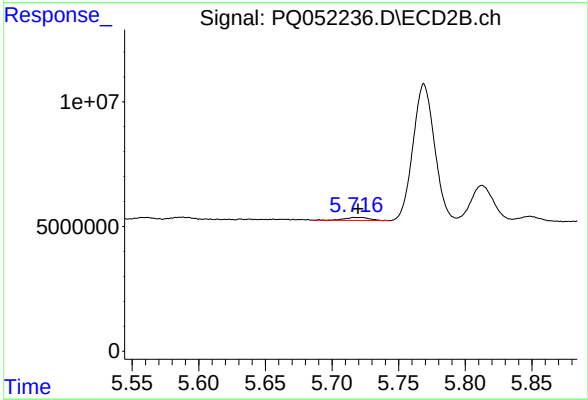
R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 2783486
Conc: 14.10 ng/ml



#13 AR-1232-3

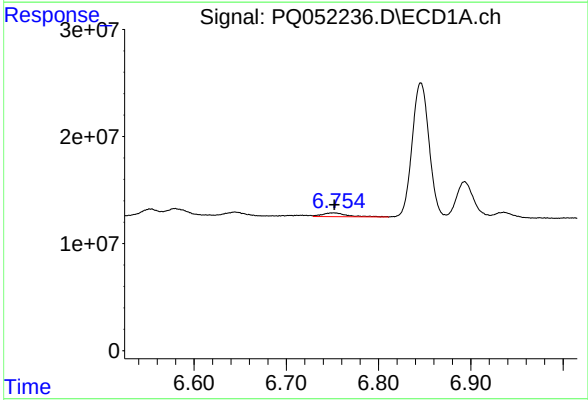
R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 10389570
Conc: 19.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



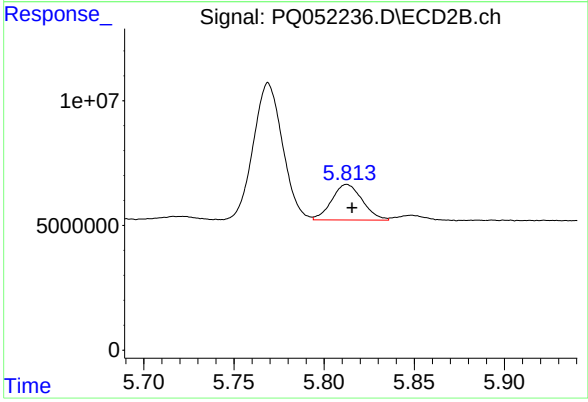
#13 AR-1232-3

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 1579210
Conc: 16.05 ng/ml



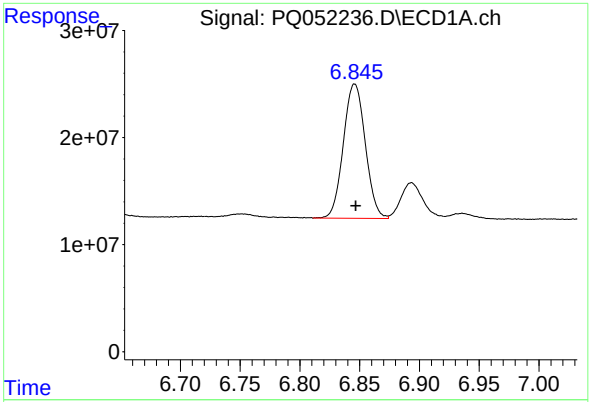
#14 AR-1232-4

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 6828081
Conc: 26.05 ng/ml



#14 AR-1232-4

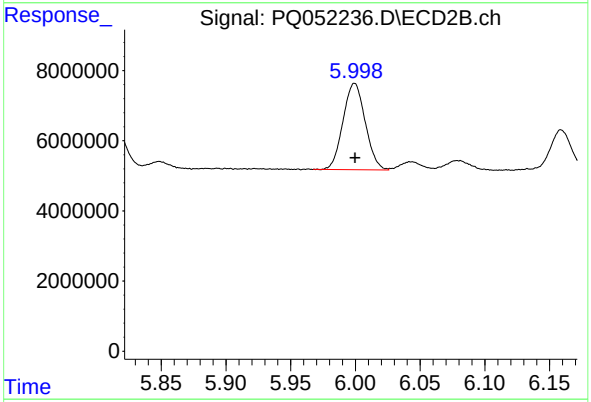
R.T.: 5.813 min
Delta R.T.: -0.003 min
Response: 16927855
Conc: 204.51 ng/ml



#15 AR-1232-5

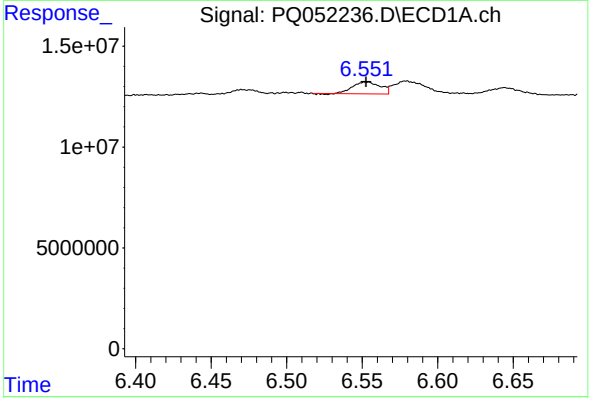
R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 160423505
Conc: 868.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



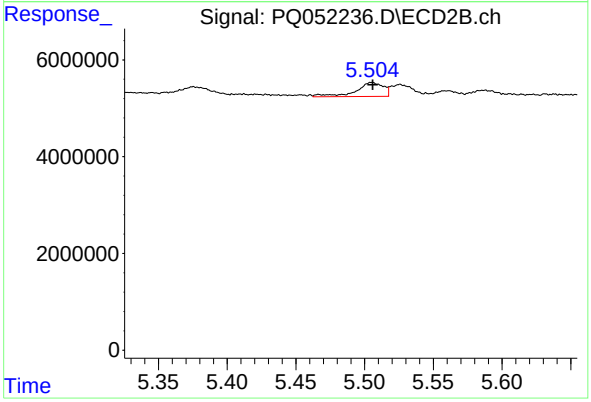
#15 AR-1232-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 29438260
Conc: 330.88 ng/ml



#16 AR-1242-1

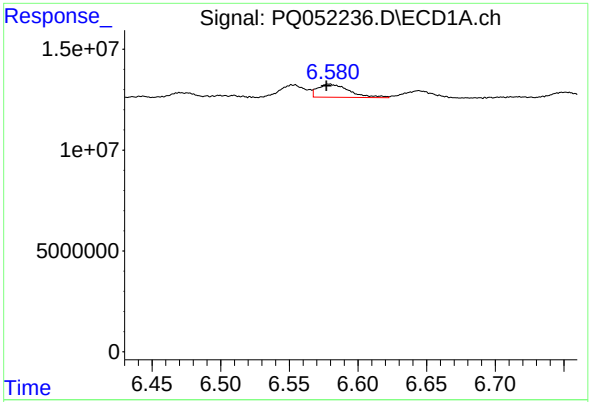
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 7420701
Conc: 10.80 ng/ml



#16 AR-1242-1

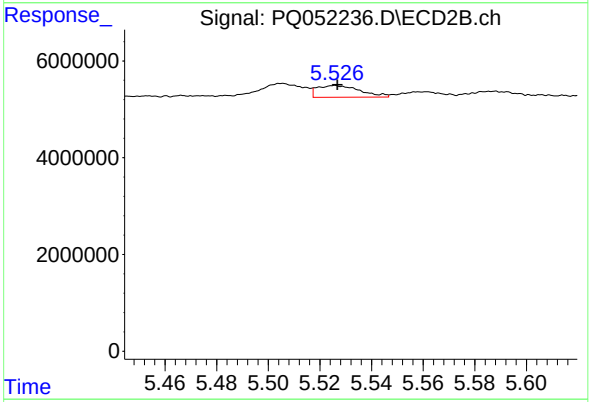
R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 3996352
Conc: 15.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



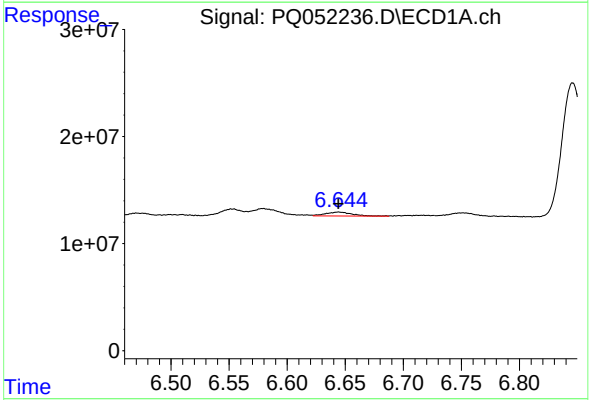
#17 AR-1242-2

R.T.: 6.580 min
Delta R.T.: 0.003 min
Response: 10389570
Conc: 10.29 ng/ml



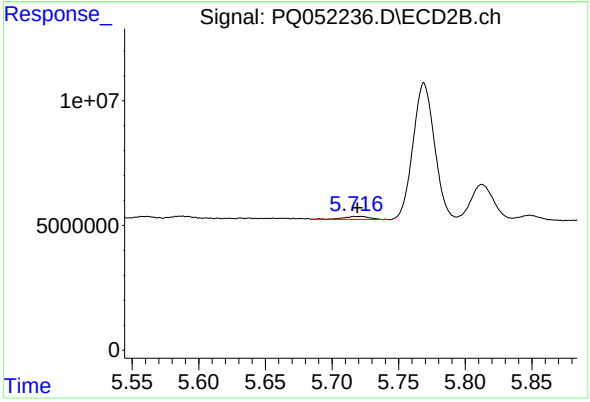
#17 AR-1242-2

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 2783486
Conc: 7.58 ng/ml



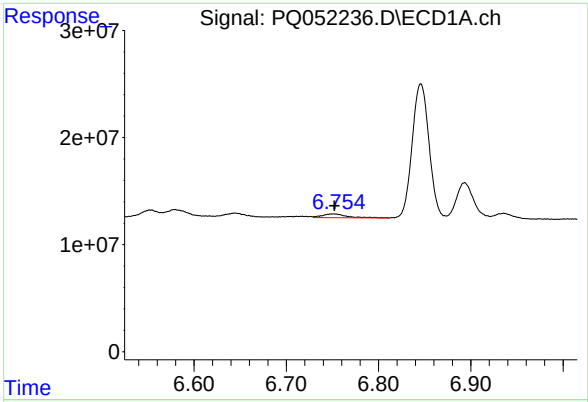
#18 AR-1242-3

R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 5847452
Conc: 9.63 ng/ml



#18 AR-1242-3

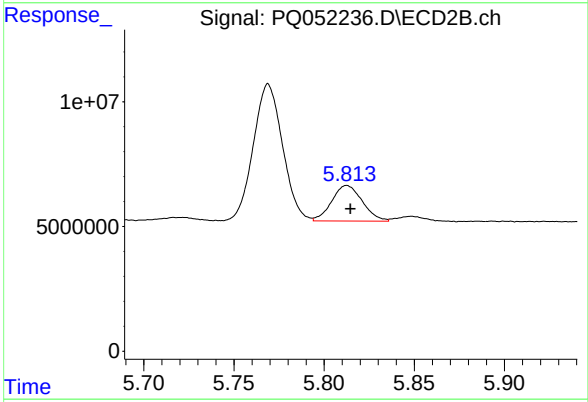
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 1579210
Conc: 8.28 ng/ml



#19 AR-1242-4

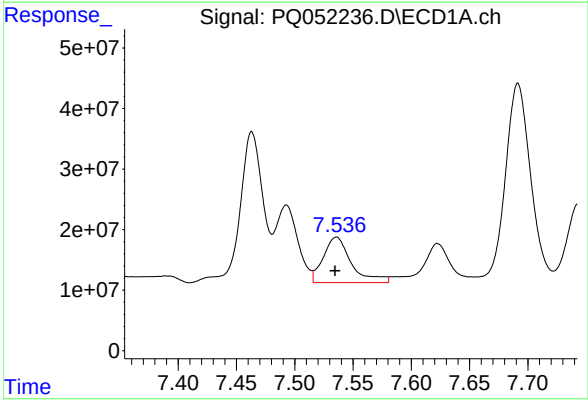
R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 6828081
Conc: 13.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



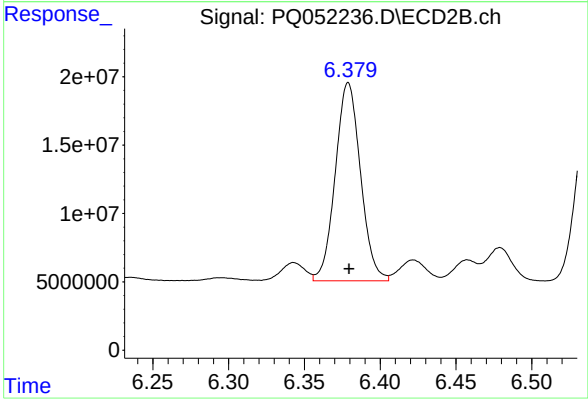
#19 AR-1242-4

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 16927855
Conc: 95.85 ng/ml



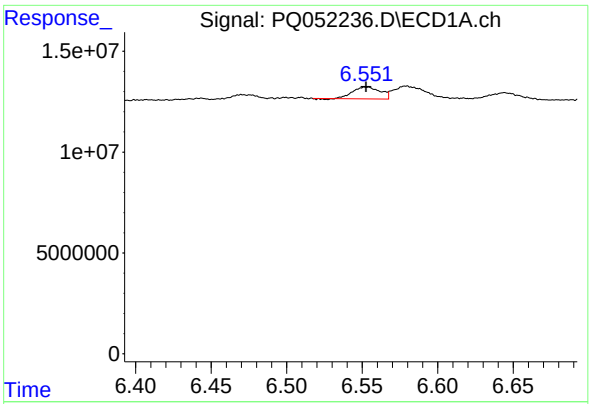
#20 AR-1242-5

R.T.: 7.536 min
Delta R.T.: 0.000 min
Response: 125948773
Conc: 223.25 ng/ml



#20 AR-1242-5

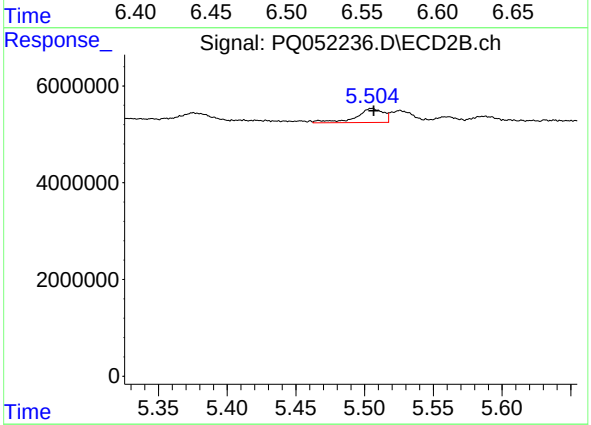
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 168030461
Conc: 670.21 ng/ml



#21 AR-1248-1

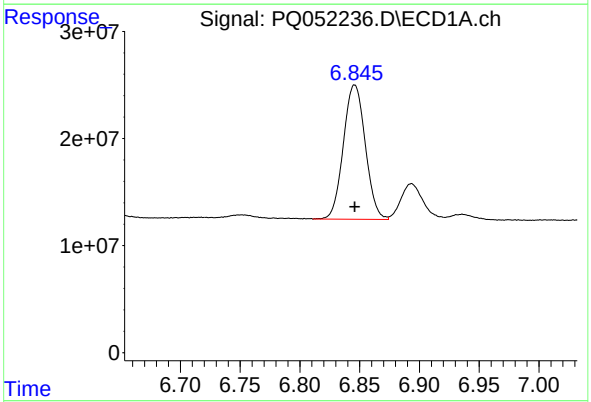
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 7420701
Conc: 13.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



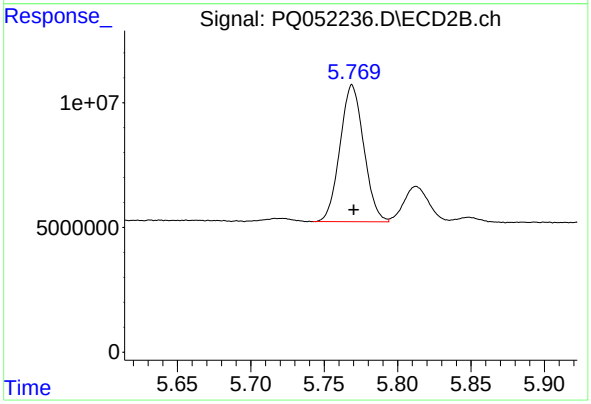
#21 AR-1248-1

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 3996352
Conc: 19.43 ng/ml



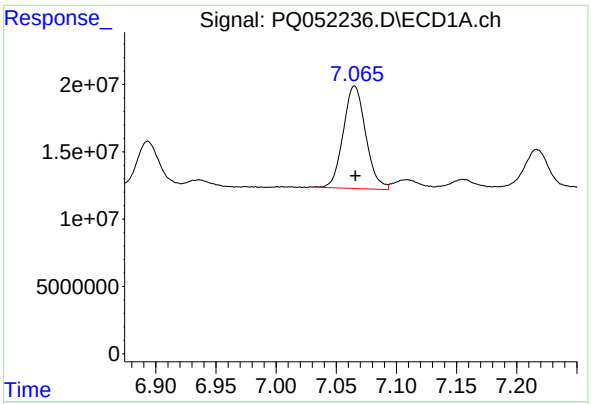
#22 AR-1248-2

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 160423505
Conc: 208.71 ng/ml



#22 AR-1248-2

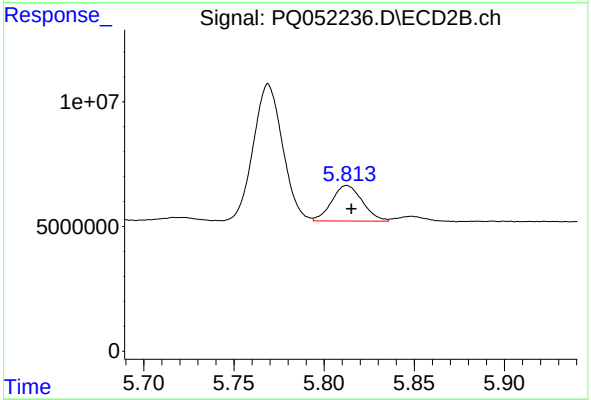
R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 61889532
Conc: 228.98 ng/ml



#23 AR-1248-3

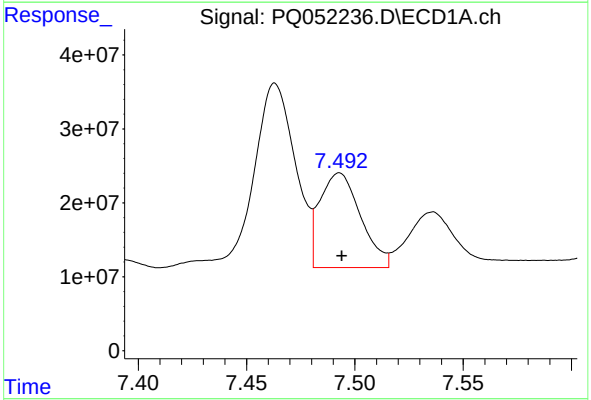
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 98894302
Conc: 112.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



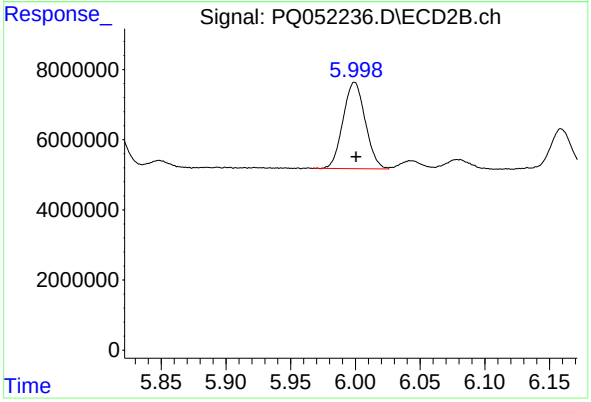
#23 AR-1248-3

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 16927855
Conc: 60.71 ng/ml



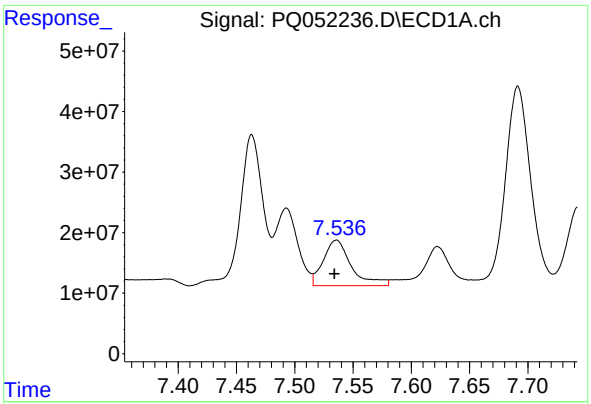
#24 AR-1248-4

R.T.: 7.493 min
Delta R.T.: -0.001 min
Response: 168137872
Conc: 161.72 ng/ml



#24 AR-1248-4

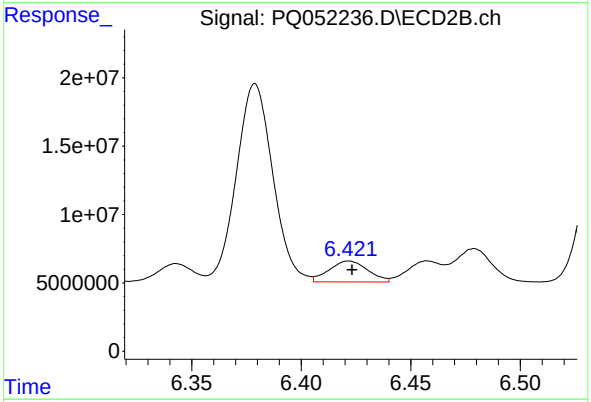
R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 29438260
Conc: 88.47 ng/ml



#25 AR-1248-5

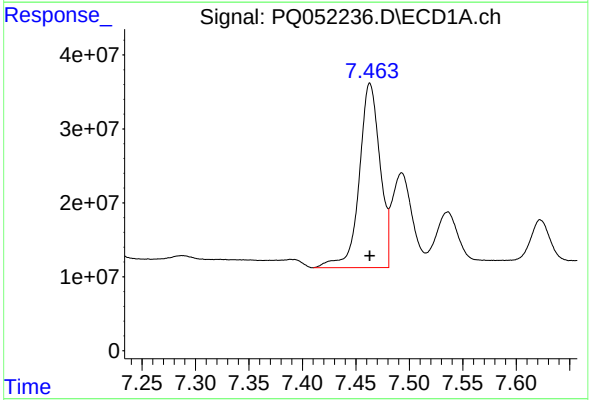
R.T.: 7.536 min
Delta R.T.: 0.001 min
Response: 125948773
Conc: 122.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



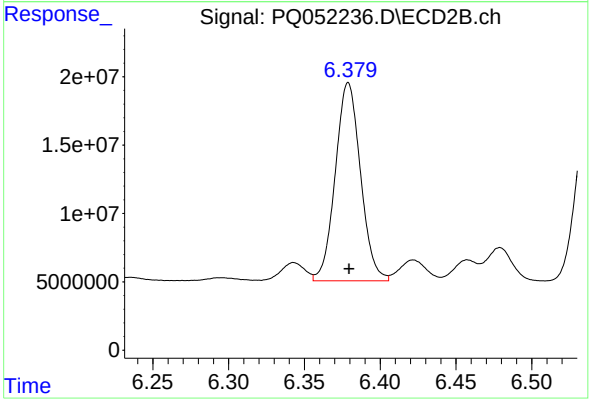
#25 AR-1248-5

R.T.: 6.422 min
Delta R.T.: -0.001 min
Response: 18817432
Conc: 52.63 ng/ml



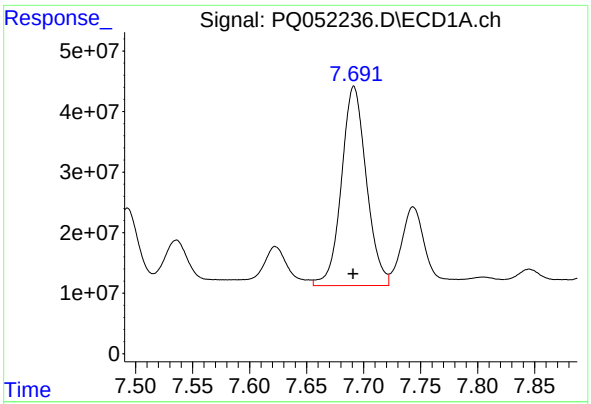
#26 AR-1254-1

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 337337351
Conc: 339.57 ng/ml



#26 AR-1254-1

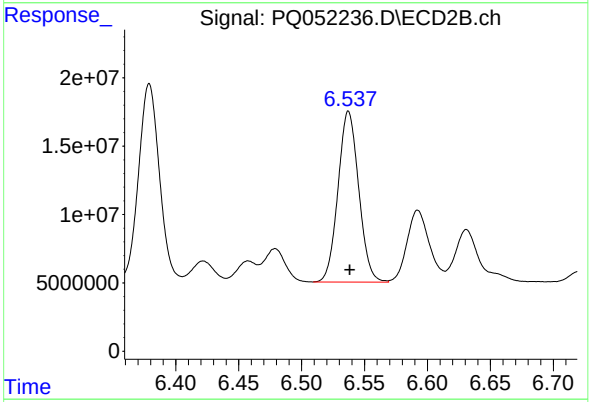
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 168030461
Conc: 315.08 ng/ml



#27 AR-1254-2

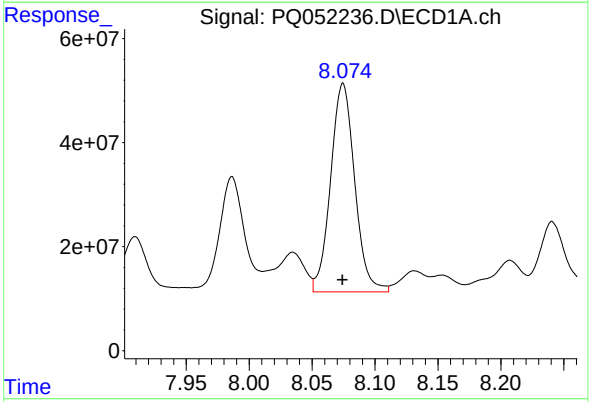
R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 500082431
Conc: 323.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



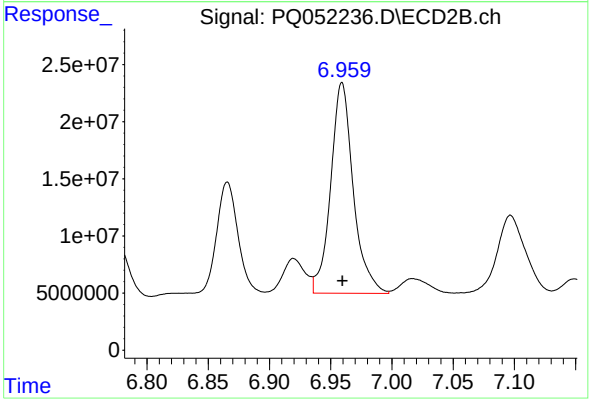
#27 AR-1254-2

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 143259201
Conc: 313.74 ng/ml



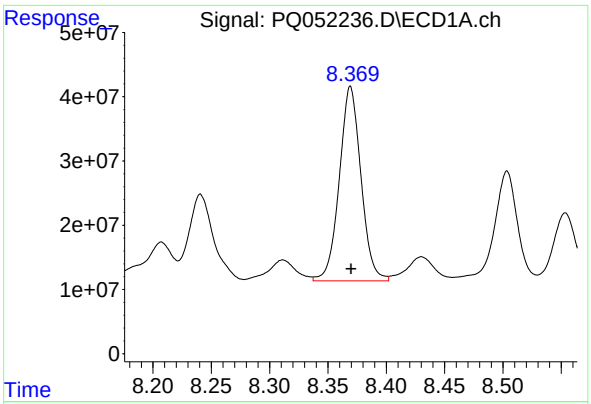
#28 AR-1254-3

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 535060436
Conc: 316.58 ng/ml



#28 AR-1254-3

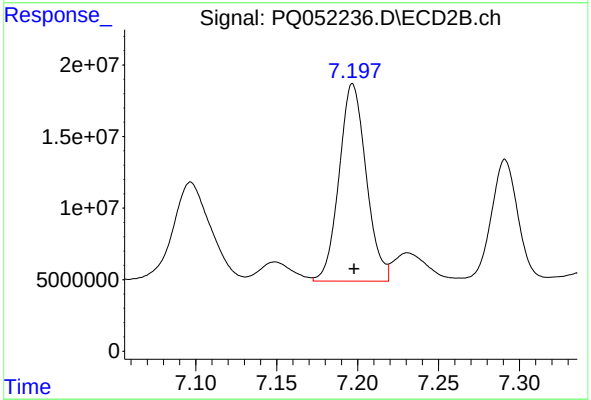
R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 237008219
Conc: 315.17 ng/ml



#29 AR-1254-4

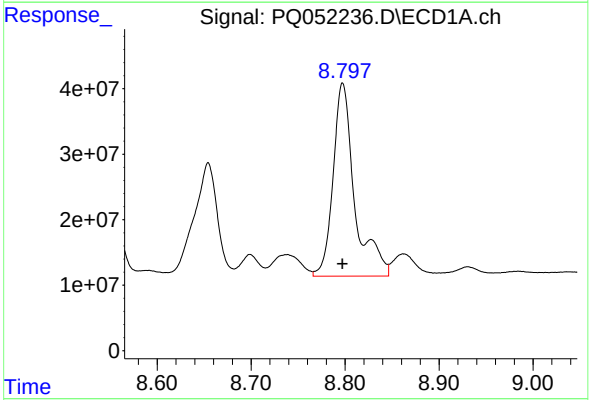
R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 391438434
Conc: 312.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



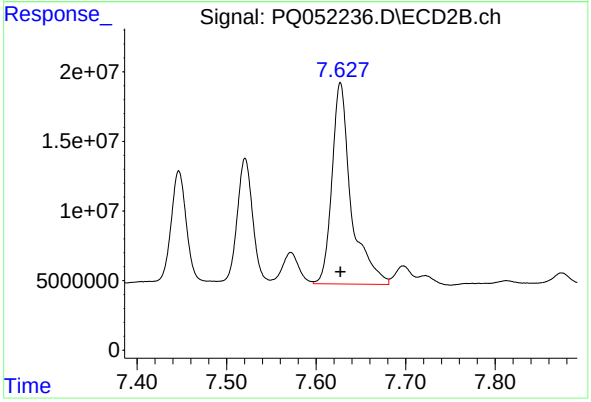
#29 AR-1254-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 160631388
Conc: 318.37 ng/ml



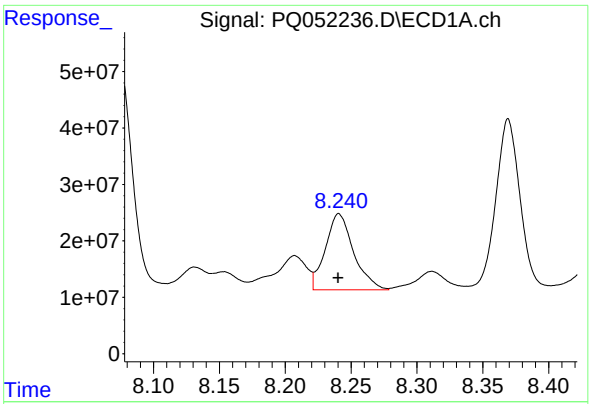
#30 AR-1254-5

R.T.: 8.798 min
Delta R.T.: 0.000 min
Response: 470564775
Conc: 350.17 ng/ml



#30 AR-1254-5

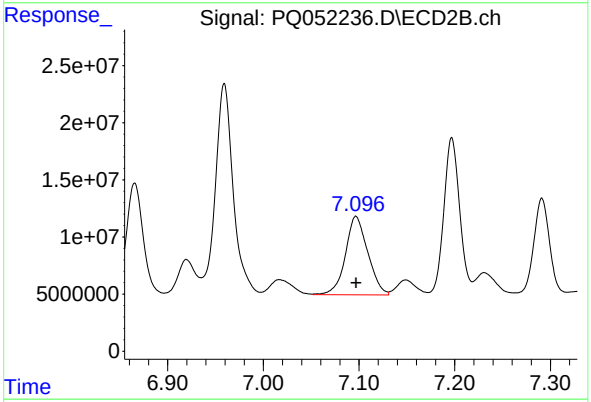
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 215616769
Conc: 317.01 ng/ml



#31 AR-1260-1

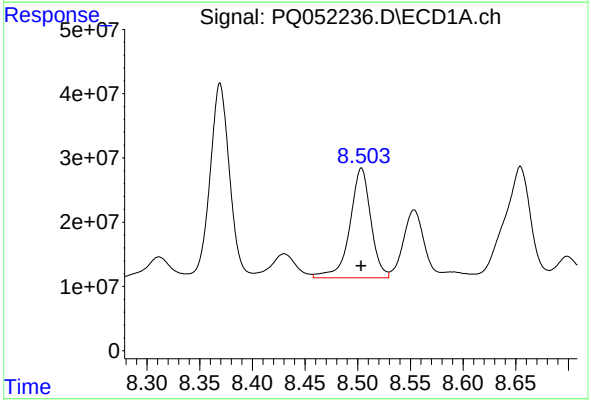
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 201328148
Conc: 201.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



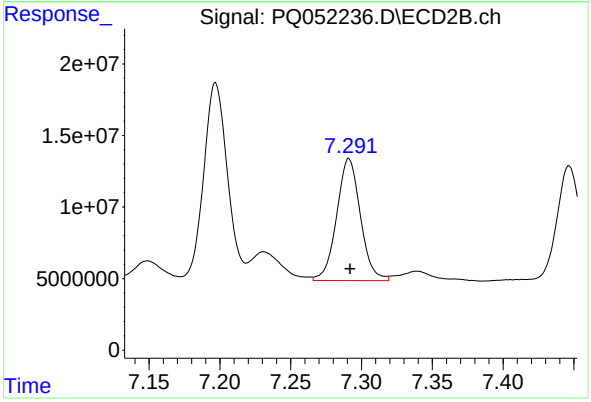
#31 AR-1260-1

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 111937319
Conc: 273.30 ng/ml



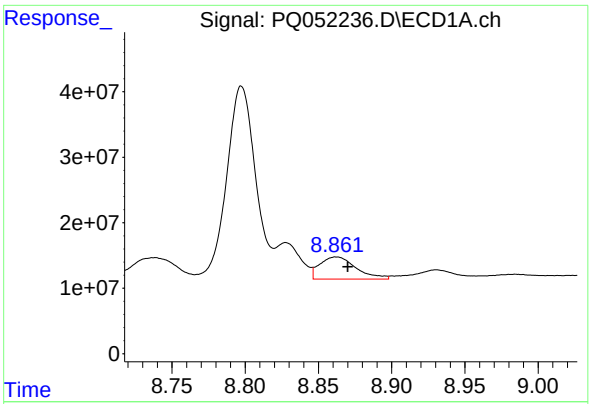
#32 AR-1260-2

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 236150448
Conc: 192.26 ng/ml



#32 AR-1260-2

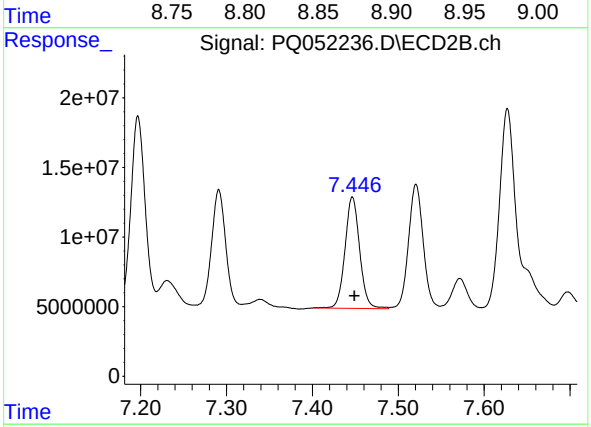
R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 99574810
Conc: 187.54 ng/ml



#33 AR-1260-3

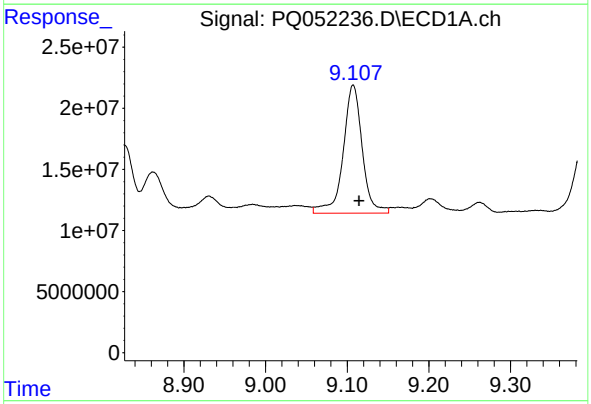
R.T.: 8.862 min
Delta R.T.: -0.008 min
Response: 58694124
Conc: 64.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



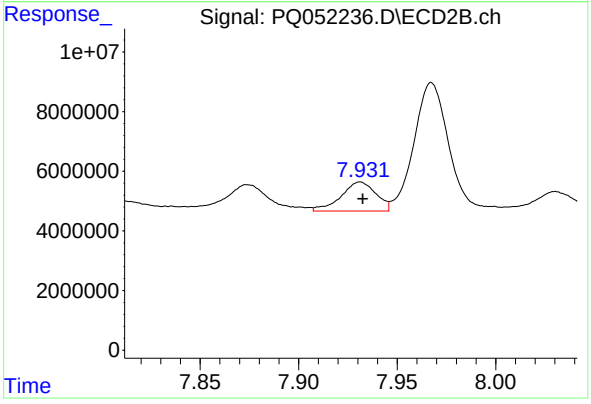
#33 AR-1260-3

R.T.: 7.447 min
Delta R.T.: -0.002 min
Response: 94898541
Conc: 198.57 ng/ml



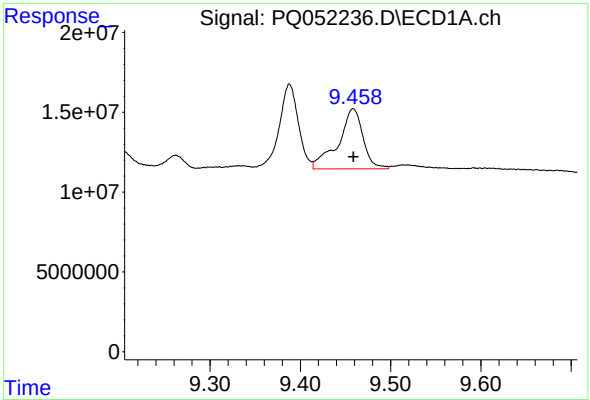
#34 AR-1260-4

R.T.: 9.107 min
Delta R.T.: -0.007 min
Response: 170485755
Conc: 158.24 ng/ml



#34 AR-1260-4

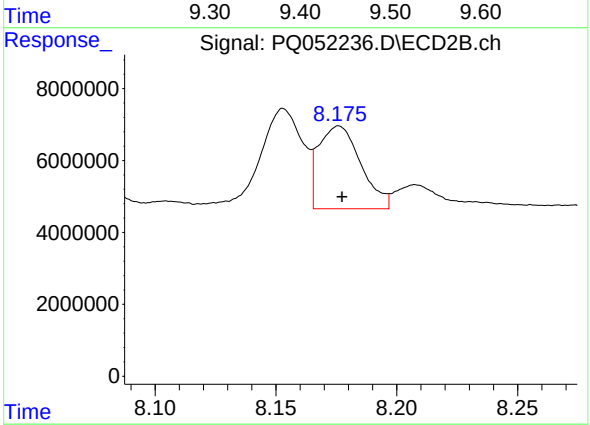
R.T.: 7.931 min
Delta R.T.: -0.001 min
Response: 12053280
Conc: 29.76 ng/ml



#35 AR-1260-5

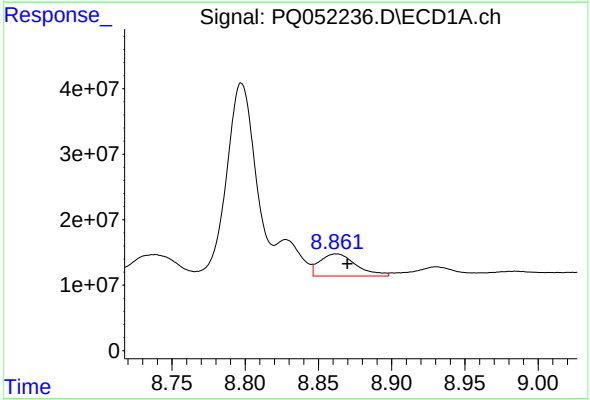
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 72089585
Conc: 31.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



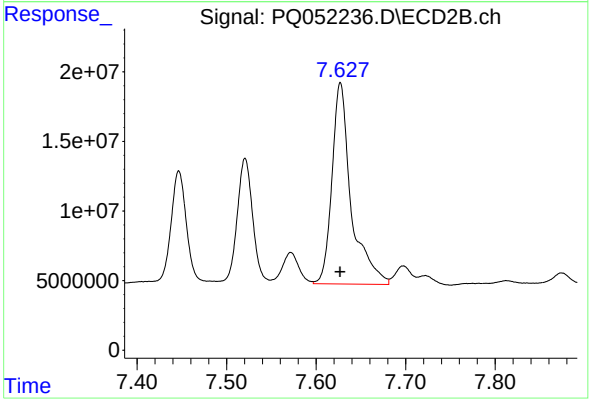
#35 AR-1260-5

R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 28017353
Conc: 26.02 ng/ml



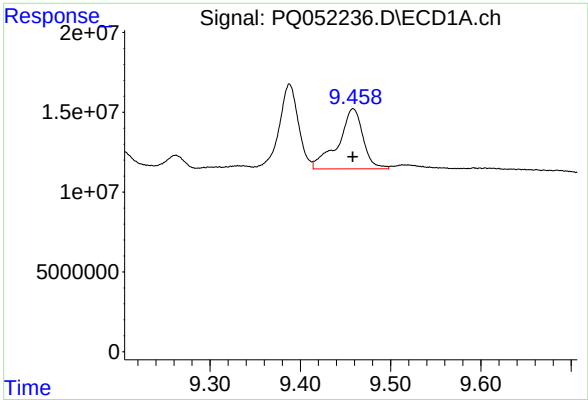
#36 AR-1262-1

R.T.: 8.862 min
Delta R.T.: -0.008 min
Response: 58694124
Conc: 37.28 ng/ml



#36 AR-1262-1

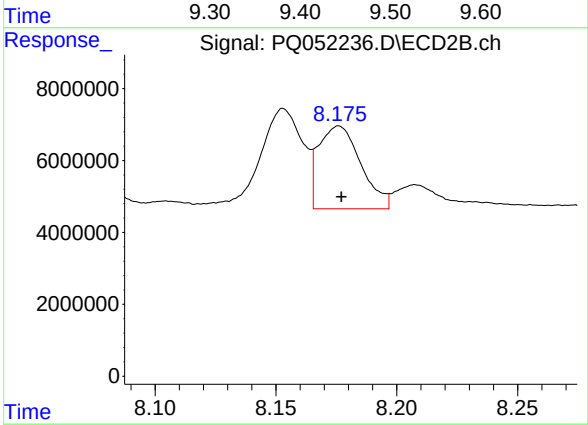
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 215616769
Conc: 624.41 ng/ml



#37 AR-1262-2

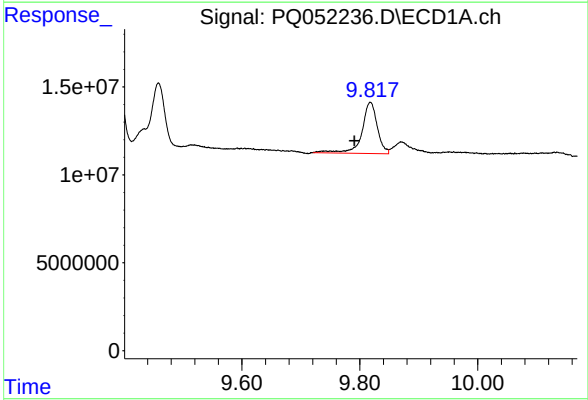
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 72089585
Conc: 24.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



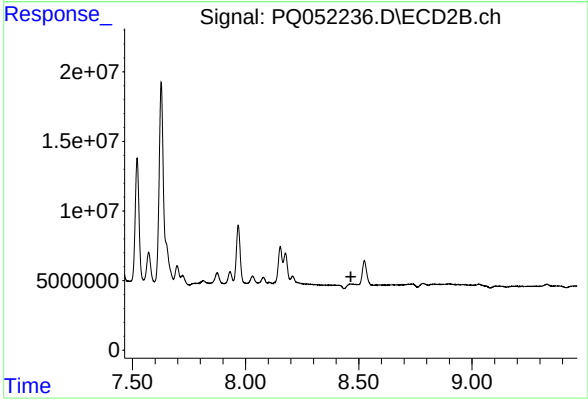
#37 AR-1262-2

R.T.: 8.176 min
Delta R.T.: -0.001 min
Response: 28017353
Conc: 20.89 ng/ml



#38 AR-1262-3

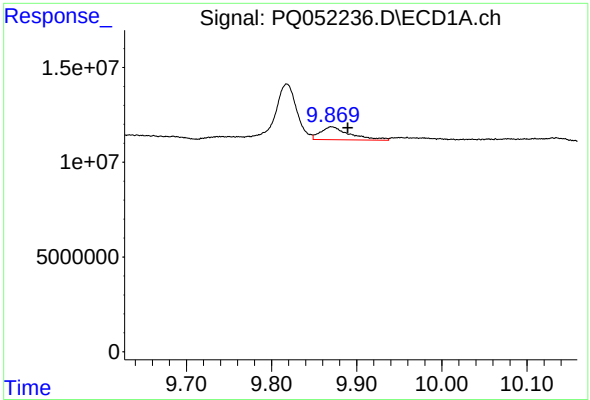
R.T.: 9.818 min
Delta R.T.: 0.027 min
Response: 52861927
Conc: 26.56 ng/ml



#38 AR-1262-3

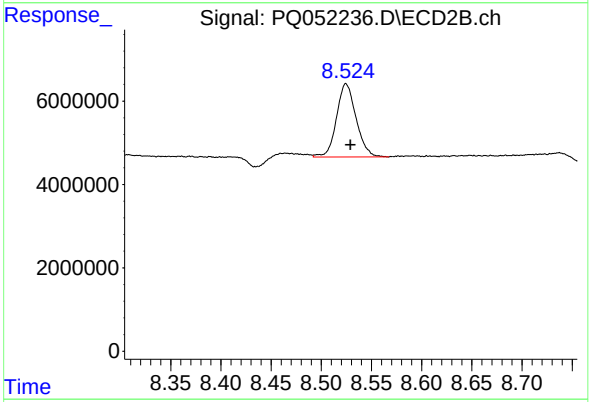
R.T.: 8.465 min
Delta R.T.: 0.000 min
Response: -740303
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



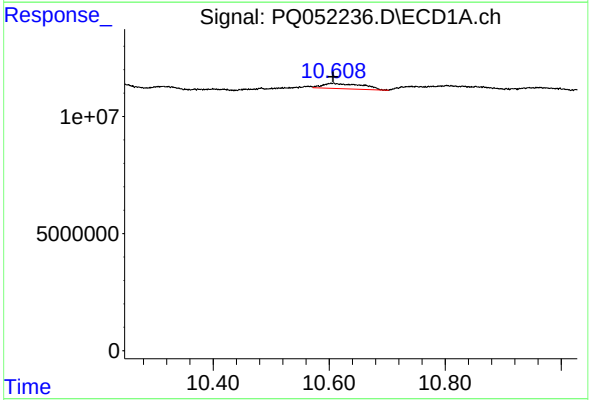
#39 AR-1262-4

R.T.: 9.871 min
Delta R.T.: -0.019 min
Response: 16439391
Conc: 10.80 ng/ml



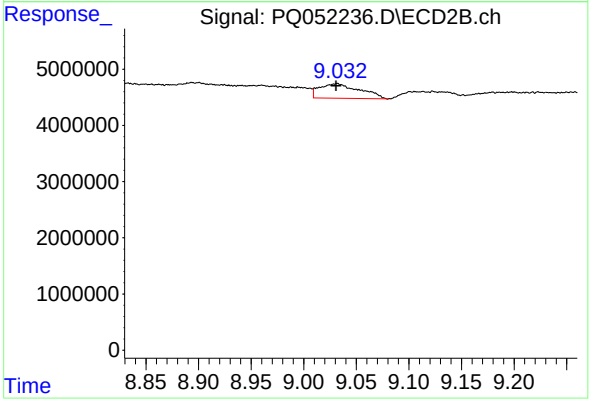
#39 AR-1262-4

R.T.: 8.525 min
Delta R.T.: -0.004 min
Response: 23917492
Conc: 24.48 ng/ml



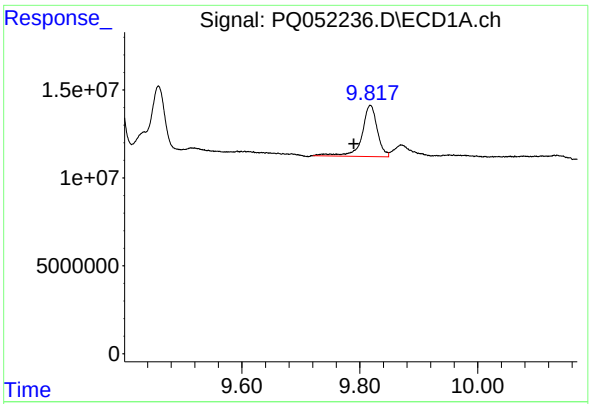
#40 AR-1262-5

R.T.: 10.606 min
Delta R.T.: 0.000 min
Response: 10822217
Conc: 9.95 ng/ml



#40 AR-1262-5

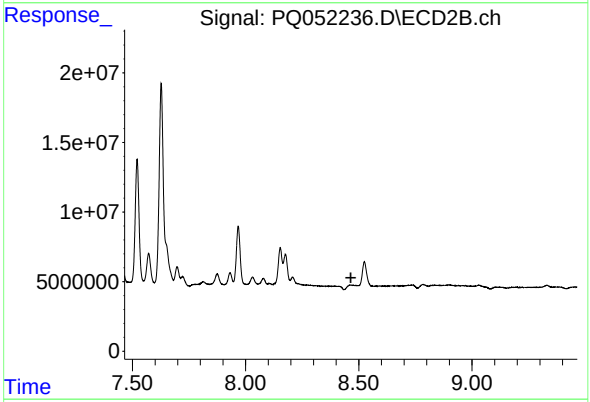
R.T.: 9.031 min
Delta R.T.: 0.000 min
Response: 6896085
Conc: 15.22 ng/ml



#41 AR-1268-1

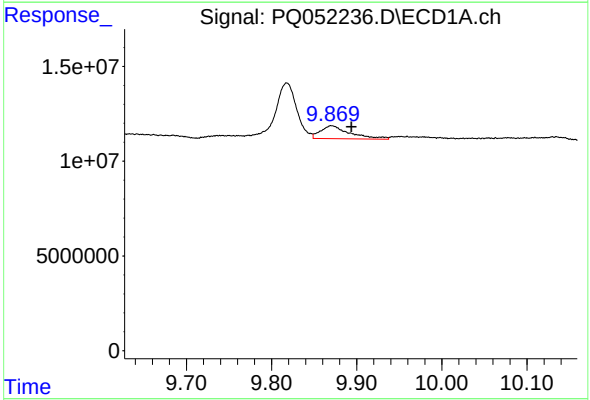
R.T.: 9.818 min
Delta R.T.: 0.028 min
Response: 52861927
Conc: 15.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



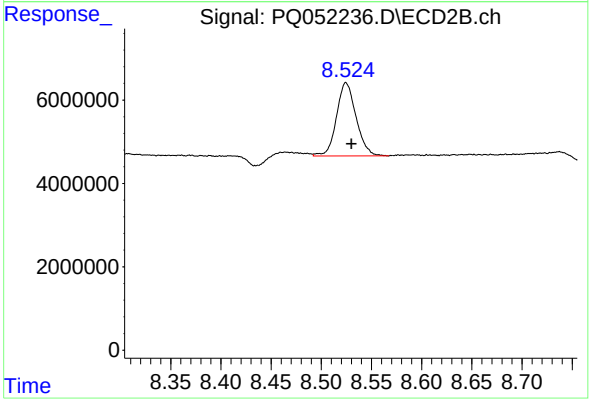
#41 AR-1268-1

R.T.: 8.465 min
Delta R.T.: 0.000 min
Response: -740303
Conc: N.D.



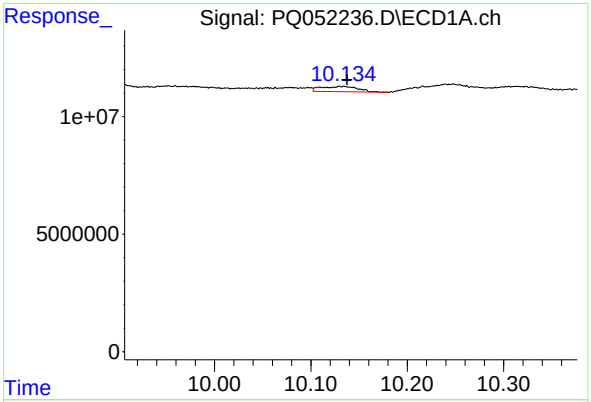
#42 AR-1268-2

R.T.: 9.871 min
Delta R.T.: -0.023 min
Response: 16439391
Conc: 5.01 ng/ml



#42 AR-1268-2

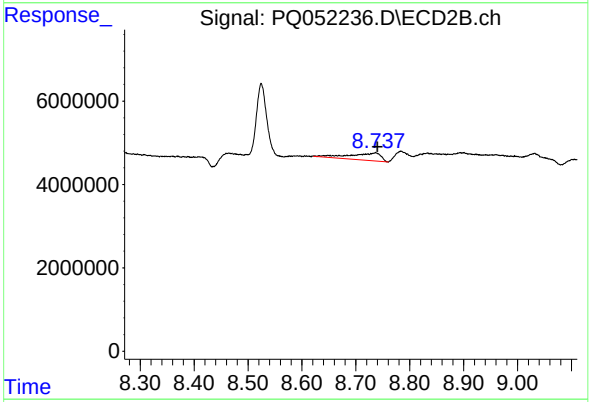
R.T.: 8.525 min
Delta R.T.: -0.005 min
Response: 23917492
Conc: 16.04 ng/ml



#43 AR-1268-3

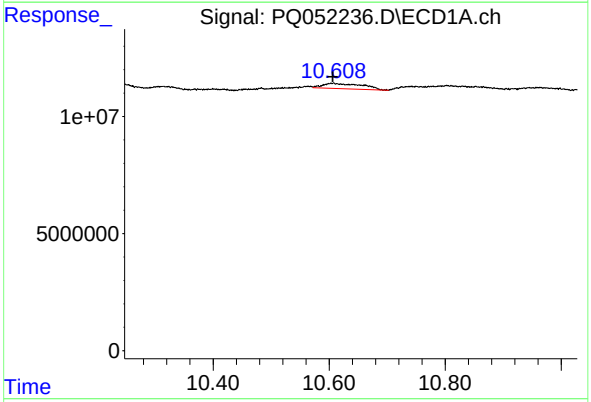
R.T.: 10.133 min
Delta R.T.: -0.005 min
Response: 5912631
Conc: 2.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



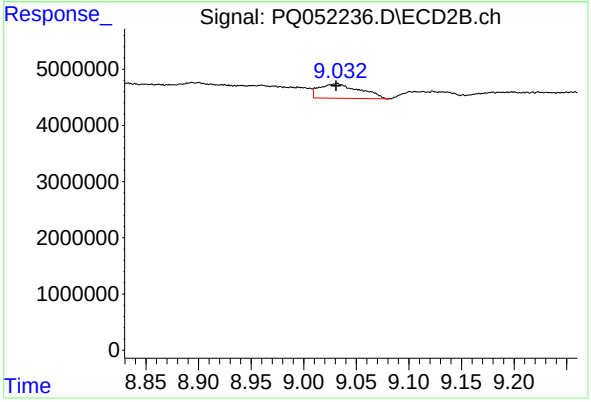
#43 AR-1268-3

R.T.: 8.736 min
Delta R.T.: -0.003 min
Response: 7063357
Conc: 5.63 ng/ml



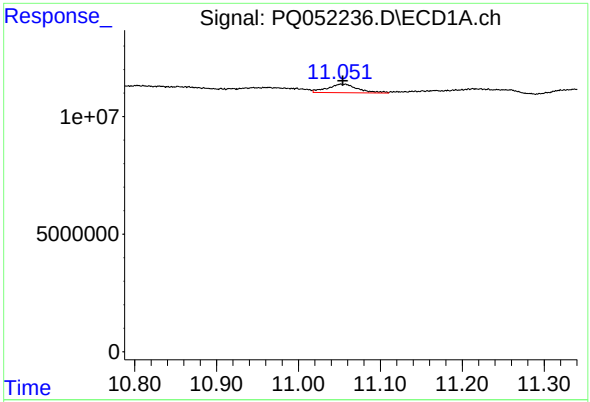
#44 AR-1268-4

R.T.: 10.606 min
Delta R.T.: 0.000 min
Response: 10822217
Conc: 8.87 ng/ml



#44 AR-1268-4

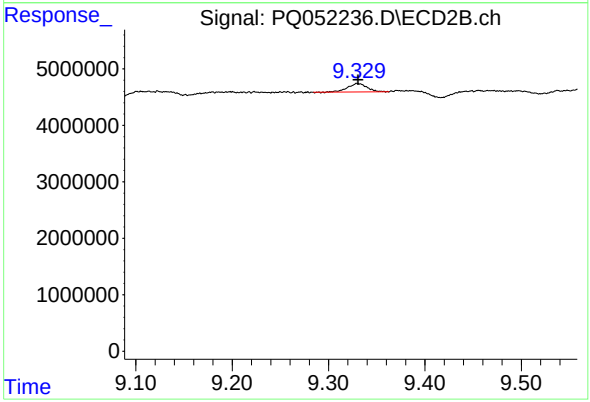
R.T.: 9.031 min
Delta R.T.: 0.000 min
Response: 6896085
Conc: 13.19 ng/ml



#45 AR-1268-5

R.T.: 11.054 min
Delta R.T.: 0.000 min
Response: 9423328
Conc: 0.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.331 min
Delta R.T.: 0.000 min
Response: 2096314
Conc: 0.52 ng/ml