Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
Data File : PQ045471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Nov 2019 04:00
Operator : SM\AJ
Sample : PB125114BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ALCS14

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 27 04:44:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 26 06:05:49 2019
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...	5.099	4.309	75745061	45918501	23.026	26.921	
2) SA Decachlor...	11.149	9.714	349.0E6	330.8E6	53.483	63.227	
Target Compounds							
3) L1 AR-1016-1	6.411	5.585	18643654	11892872	151.468	170.897	
4) L1 AR-1016-2	6.434	5.605	28401865	17859773	145.517	168.418	
5) L1 AR-1016-3	6.500	5.802	17466236	9329306	143.879	175.817	
6) L1 AR-1016-4	6.607	5.849	13905600	7453674	143.876	159.452	
7) L1 AR-1016-5	6.921	6.084	14839526	10371508	146.075	163.542	
8) L2 AR-1221-1	5.340	4.569	1595331	1068908	44.880	51.143	
9) L2 AR-1221-2	5.447	4.672	2529307	1287748	95.323	100.316	
10) L2 AR-1221-3	5.530	4.762	7067410	4724655	78.273	98.481	#
11) L3 AR-1232-1	5.530	4.762	7067410	4724655	111.208	133.331	
12) L3 AR-1232-2	6.119	5.605	12821810	17859773	320.535	402.396	#
13) L3 AR-1232-3	6.434	5.802	28401865	9329306	352.612	421.262	
14) L3 AR-1232-4	6.607	5.895	13905600	9372237	351.817	415.330	
15) L3 AR-1232-5	6.704	6.084	12020285	10371508	360.036	427.079	
16) L4 AR-1242-1	6.411	5.585	18643654	11892872	180.290	201.622	
17) L4 AR-1242-2	6.434	5.605	28401865	17859773	174.122	203.727	
18) L4 AR-1242-3	6.500	5.802	17466236	9329306	170.772	207.034	
19) L4 AR-1242-4	6.607	5.895	13905600	9372237	172.974	193.089	
20) L4 AR-1242-5	7.386	6.465	4453261	9512852	47.454	137.080	#
21) L5 AR-1248-1	6.411	5.585	18643654	11892872	230.089	257.004	
22) L5 AR-1248-2	6.704	5.849	12020285	7453674	94.583	110.577	
23) L5 AR-1248-3	6.921	5.895	14839526	9372237	106.561	131.979	
24) L5 AR-1248-4	7.347	6.084	3880784	10371508	23.901	119.247	#
25) L5 AR-1248-5	7.386	6.509	4453261	1815889	28.429	19.208	#
26) L6 AR-1254-1	7.318	6.465	15086149	9512852	91.701	65.550	#
27) L6 AR-1254-2	7.544	6.622	17197506	9819529	65.612	73.396	
28) L6 AR-1254-3	7.927	7.064	9912616	19695958	34.672	82.168	#
29) L6 AR-1254-4	8.219	7.288	7835659	2377195	36.162	14.237	#
30) L6 AR-1254-5	8.648	7.720	54756402	48210904	222.519	187.095	
31) L7 AR-1260-1	8.094	7.185	38148225	28787620	178.563	188.066	
32) L7 AR-1260-2	8.357	7.381	46911936	40882562	192.513	204.657	
33) L7 AR-1260-3	8.723	7.540	33865556	35563272	170.833	193.293	
34) L7 AR-1260-4	8.956	8.025	36832015	29909474	161.109	164.854	
35) L7 AR-1260-5	9.287	8.272	79487865	90022647	152.748	175.954	
36) L8 AR-1262-1	8.783	7.720	17618595	48210904	127.421	330.488	#
37) L8 AR-1262-2	9.287	8.272	79487865	90022647	122.625	138.363	
38) L8 AR-1262-3	9.627	8.560	50905568	18795555	111.263	70.556	#
39) L8 AR-1262-4	9.683	8.626	30798762	66755726	84.477	127.518	#
40) L8 AR-1262-5	10.379	9.138	23080365	23700291	80.978	86.179	
41) L9 AR-1268-1	9.627	8.560	50905568	18795555	60.243	23.404	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
Data File : PQ045471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Nov 2019 04:00
Operator : SM\AJ
Sample : PB125114BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ALCS14

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 27 04:44:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 26 06:05:49 2019
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	9.683	8.626	30798762	66755726	37.234	87.766	#
43)	L9 AR-1268-3	9.937	8.835	4180524	4169497	5.955	6.672	
44)	L9 AR-1268-4	10.379	9.138	23080365	23700291	70.210	74.471	
45)	L9 AR-1268-5	10.803	9.445	9605163	9564473	3.567	3.963	

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

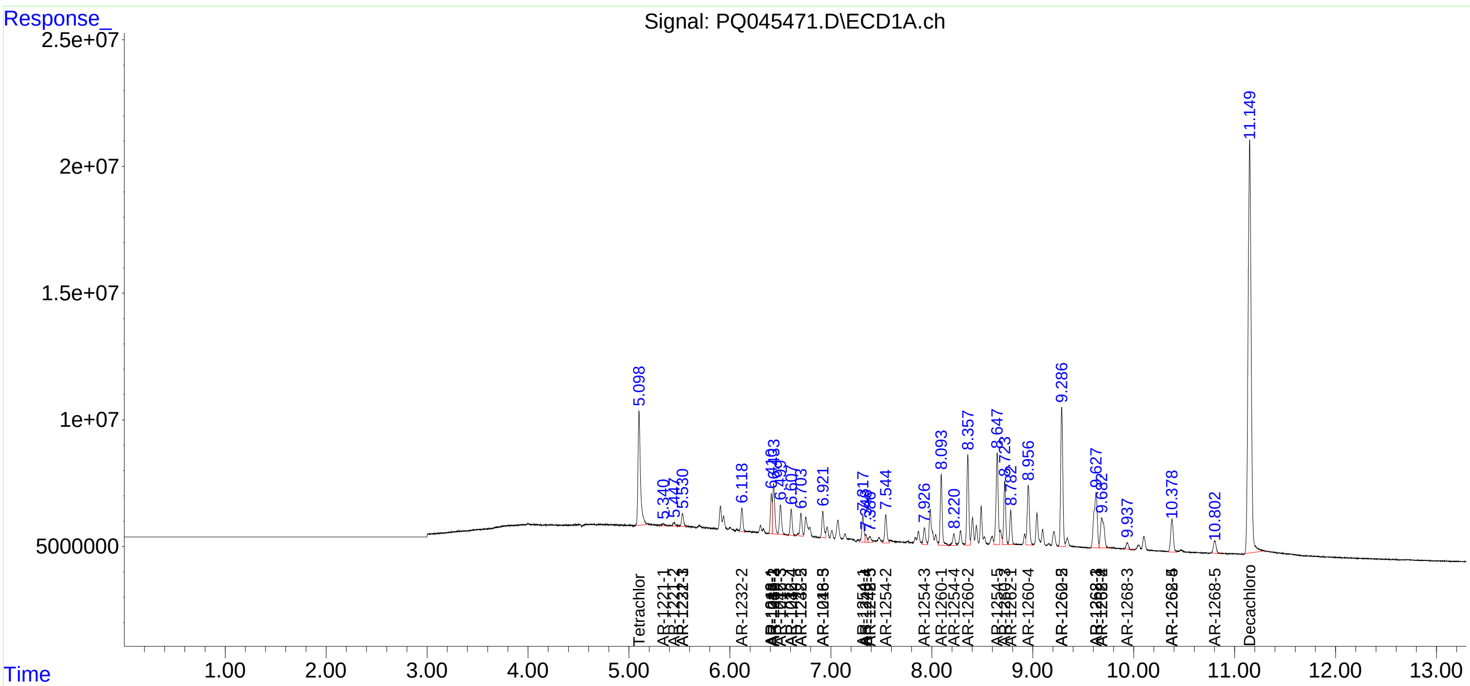
Quantitation Report (Not Reviewed)

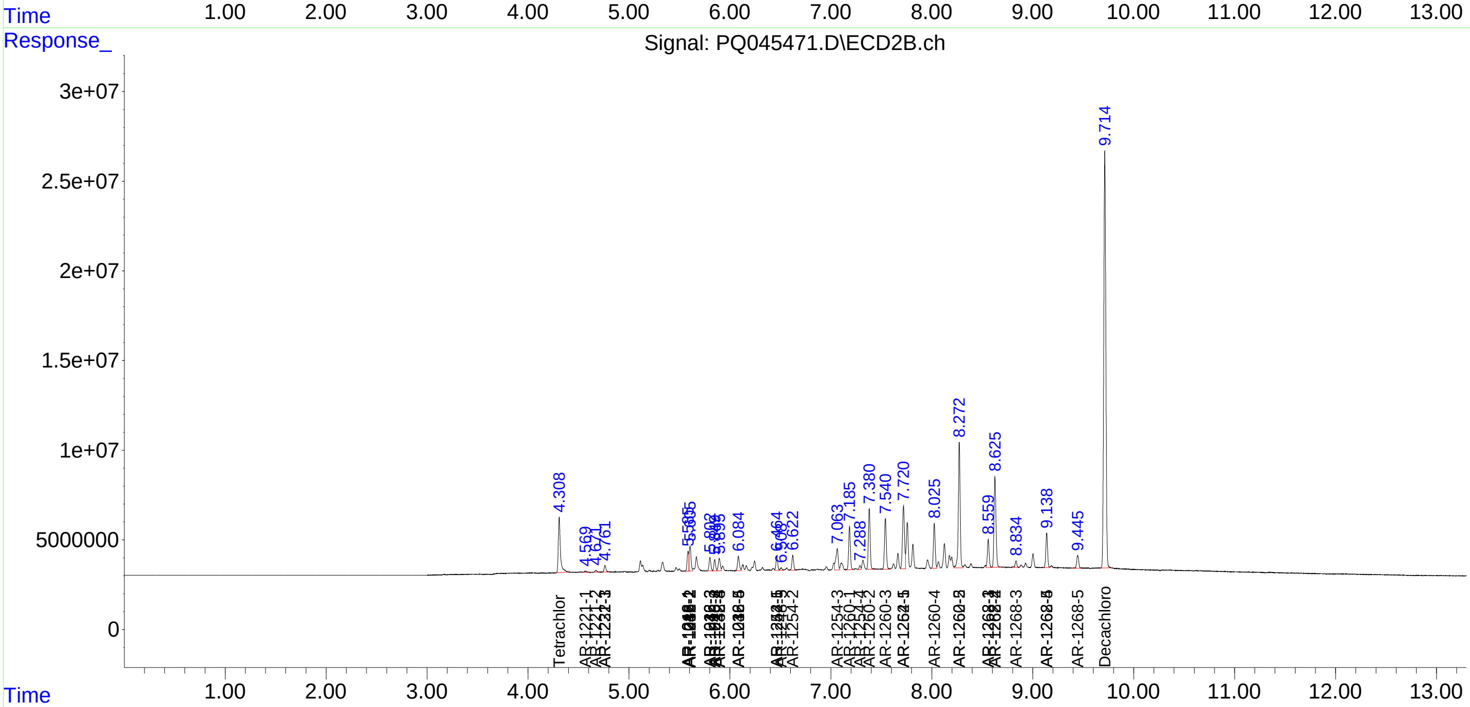
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
Data File : PQ045471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Nov 2019 04:00
Operator : SM\AJ
Sample : PB125114BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

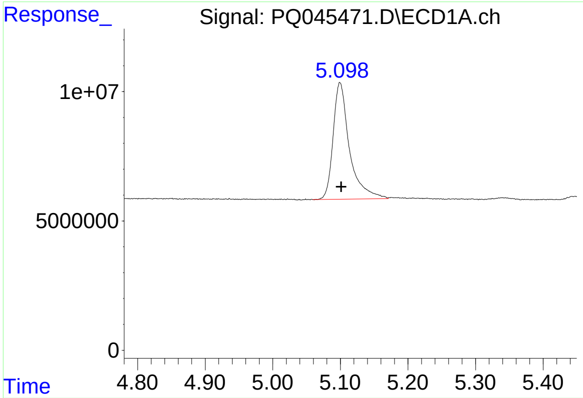
Instrument :
ECD_Q
ClientSampleId :
ALCS14

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 27 04:44:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 26 06:05:49 2019
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



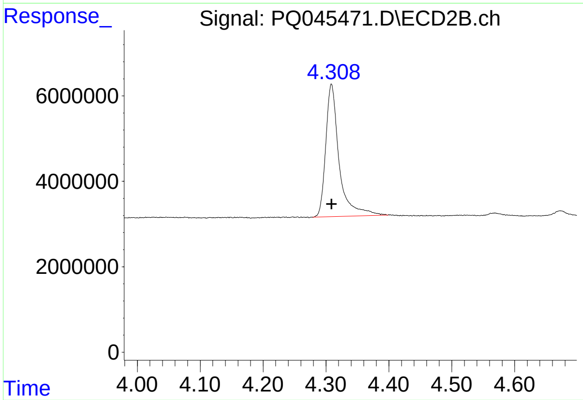




#1 Tetrachloro-m-xylene

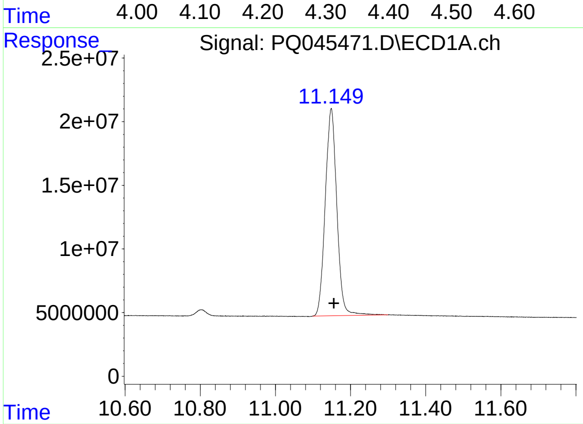
R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 75745061
Conc: 23.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



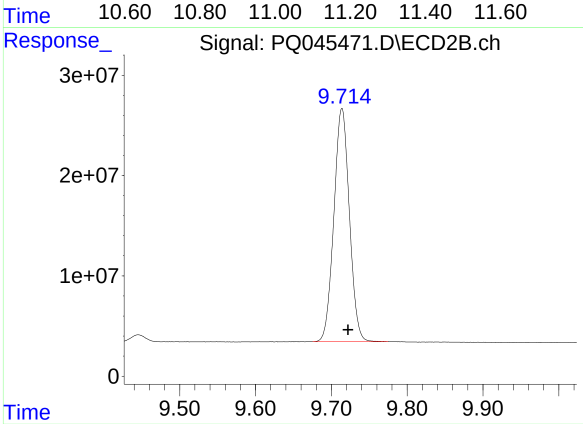
#1 Tetrachloro-m-xylene

R.T.: 4.309 min
Delta R.T.: 0.000 min
Response: 45918501
Conc: 26.92 ng/ml



#2 Decachlorobiphenyl

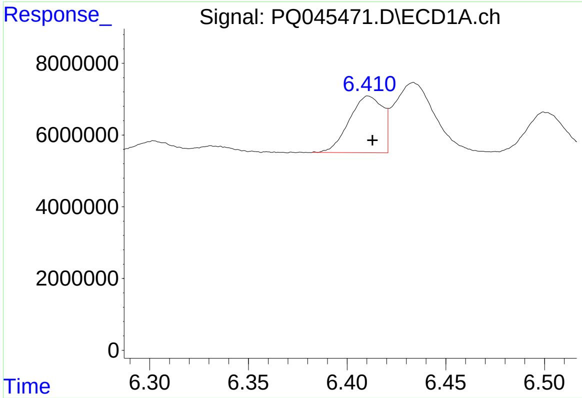
R.T.: 11.149 min
Delta R.T.: -0.007 min
Response: 348993664
Conc: 53.48 ng/ml



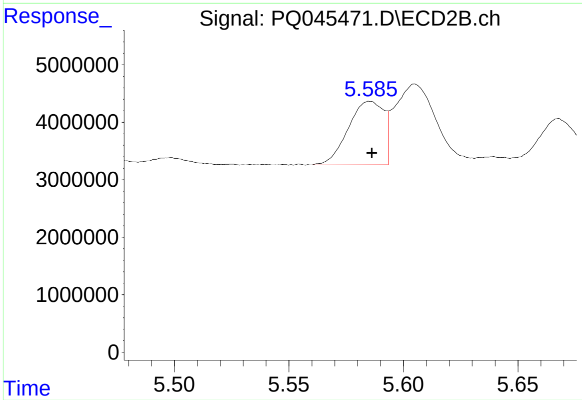
#2 Decachlorobiphenyl

R.T.: 9.714 min
Delta R.T.: -0.008 min
Response: 330814776
Conc: 63.23 ng/ml

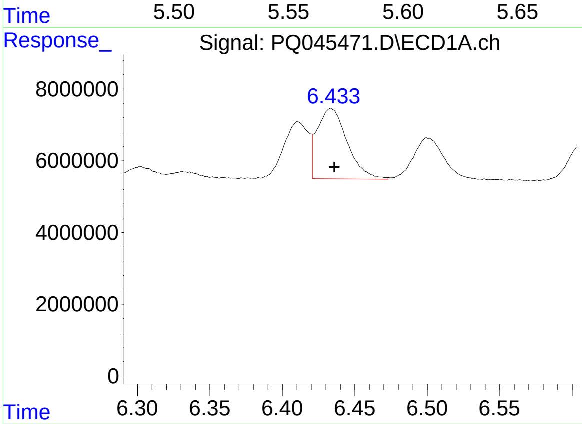
Instrument :
ECD_Q
ClientSampleId :
ALCS14



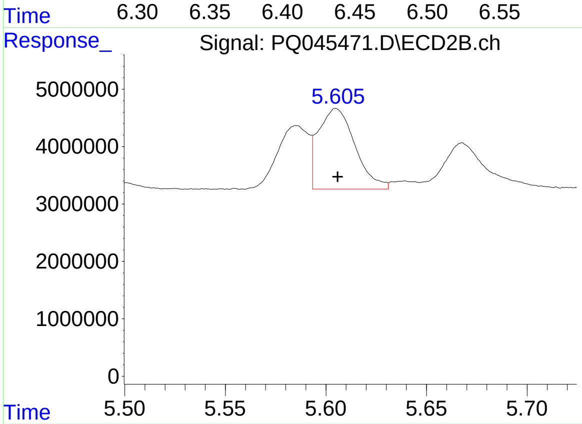

```
#3   AR-1016-1

      R.T.:     6.411 min
Delta R.T.:    -0.002 min
  Response:   18643654
      Conc:  151.47 ng/ml
```



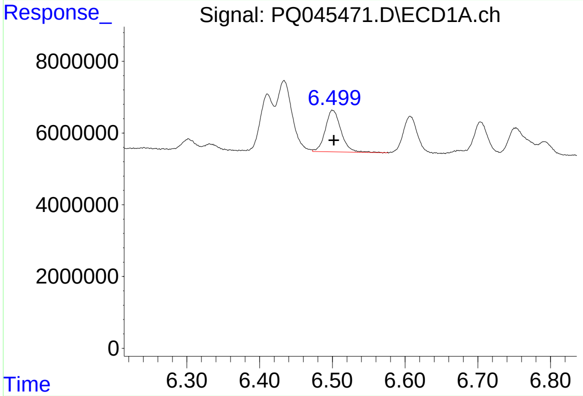

```
#3   AR-1016-1

      R.T.:     5.585 min
Delta R.T.:     0.000 min
  Response:   11892872
      Conc:  170.90 ng/ml
```




```
#4   AR-1016-2

      R.T.:     6.434 min
Delta R.T.:    -0.002 min
  Response:   28401865
      Conc:  145.52 ng/ml
```



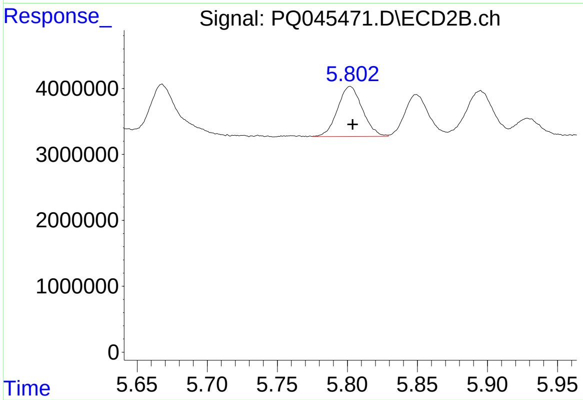

```
#4   AR-1016-2

      R.T.:     5.605 min
Delta R.T.:     0.000 min
  Response:   17859773
      Conc:  168.42 ng/ml
```



#5 AR-1016-3

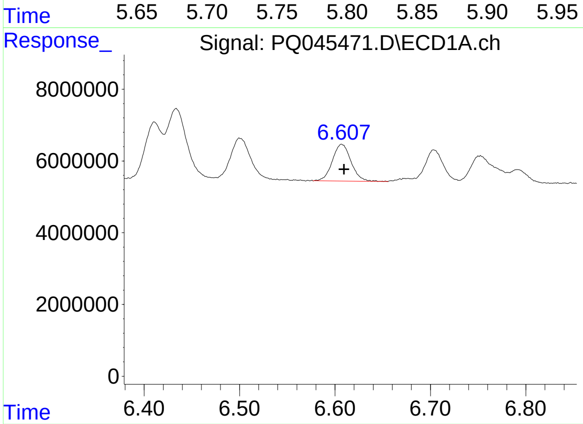
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 17466236
Conc: 143.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



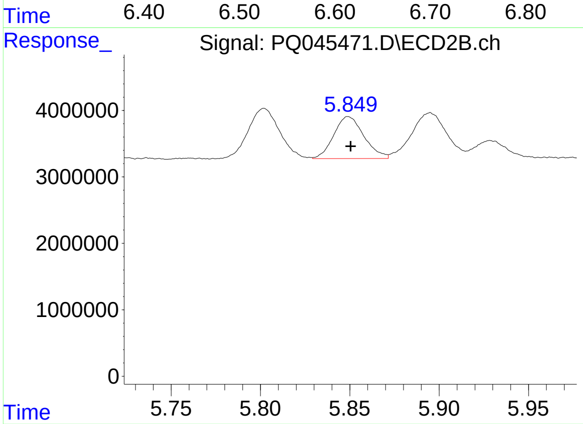
#5 AR-1016-3

R.T.: 5.802 min
Delta R.T.: -0.002 min
Response: 9329306
Conc: 175.82 ng/ml



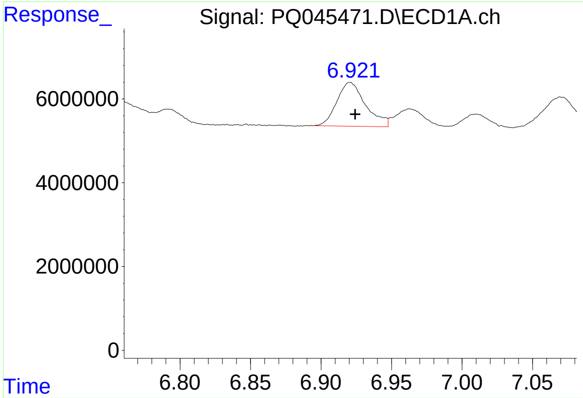
#6 AR-1016-4

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 13905600
Conc: 143.88 ng/ml



#6 AR-1016-4

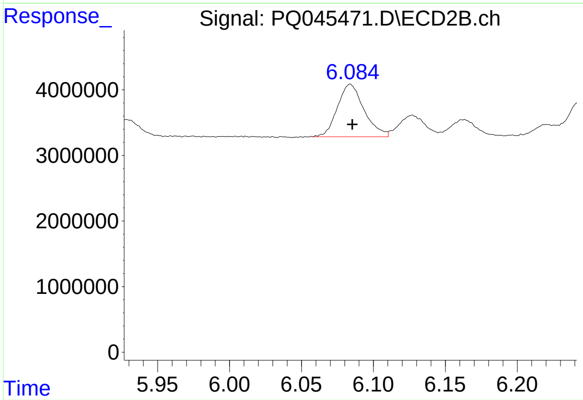
R.T.: 5.849 min
Delta R.T.: -0.001 min
Response: 7453674
Conc: 159.45 ng/ml



#7 AR-1016-5

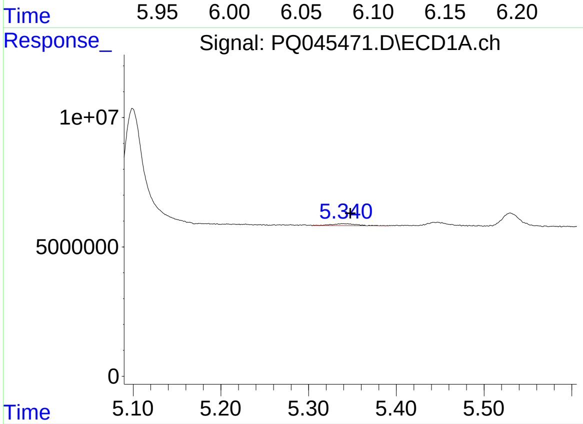
R.T.: 6.921 min
Delta R.T.: -0.004 min
Response: 14839526
Conc: 146.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



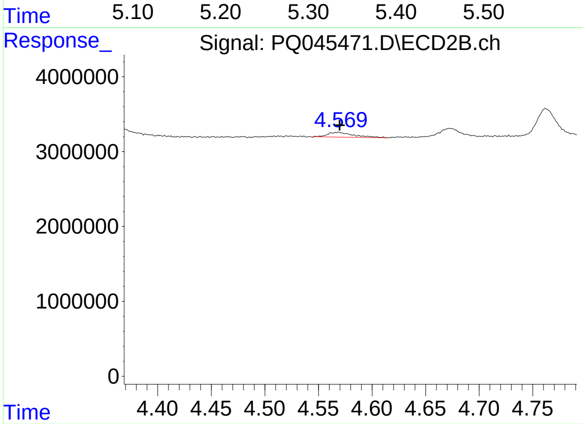
#7 AR-1016-5

R.T.: 6.084 min
Delta R.T.: -0.001 min
Response: 10371508
Conc: 163.54 ng/ml



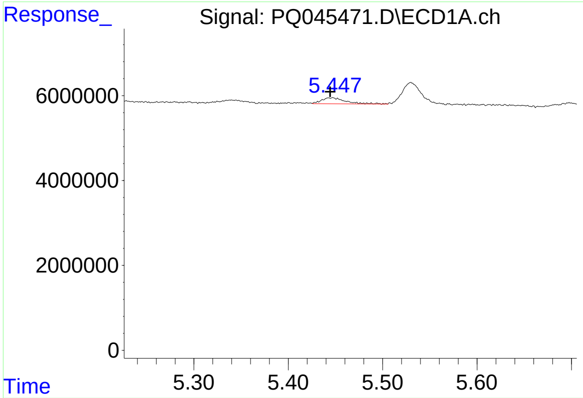
#8 AR-1221-1

R.T.: 5.340 min
Delta R.T.: -0.008 min
Response: 1595331
Conc: 44.88 ng/ml



#8 AR-1221-1

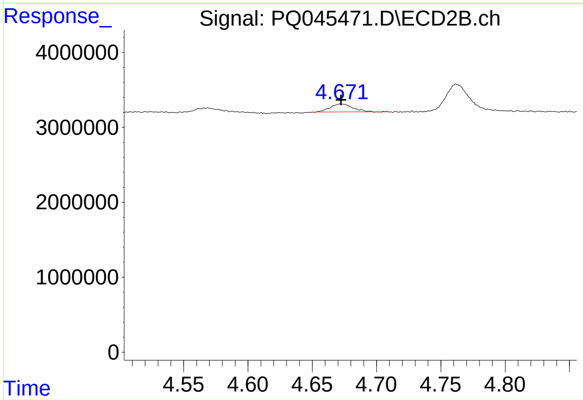
R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 1068908
Conc: 51.14 ng/ml



#9 AR-1221-2

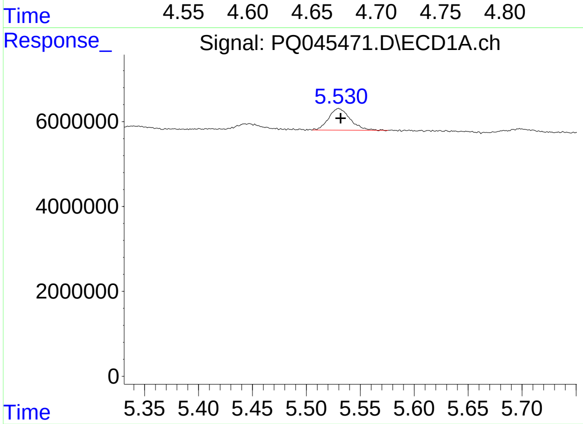
R.T.: 5.447 min
Delta R.T.: 0.003 min
Response: 2529307
Conc: 95.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



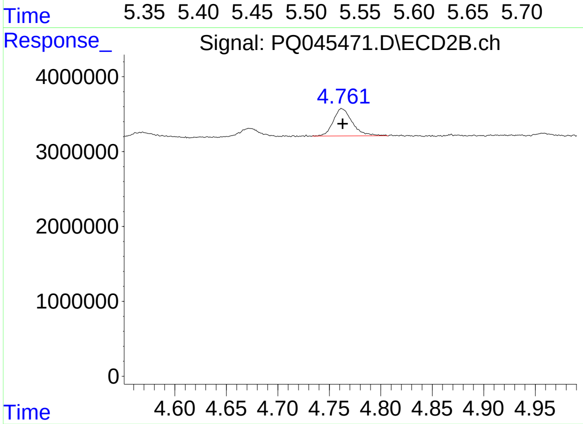
#9 AR-1221-2

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1287748
Conc: 100.32 ng/ml



#10 AR-1221-3

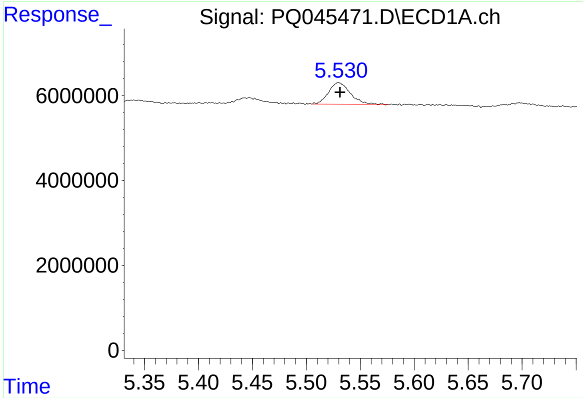
R.T.: 5.530 min
Delta R.T.: -0.002 min
Response: 7067410
Conc: 78.27 ng/ml



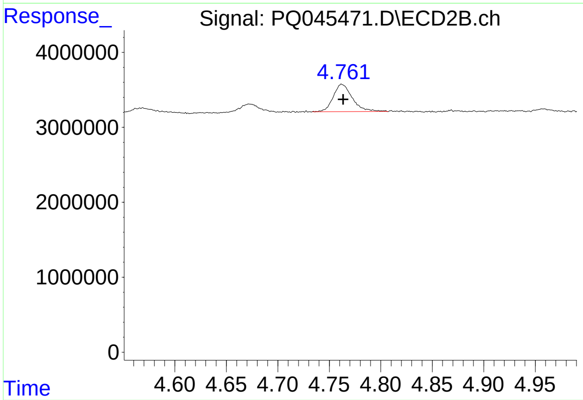
#10 AR-1221-3

R.T.: 4.762 min
Delta R.T.: -0.001 min
Response: 4724655
Conc: 98.48 ng/ml

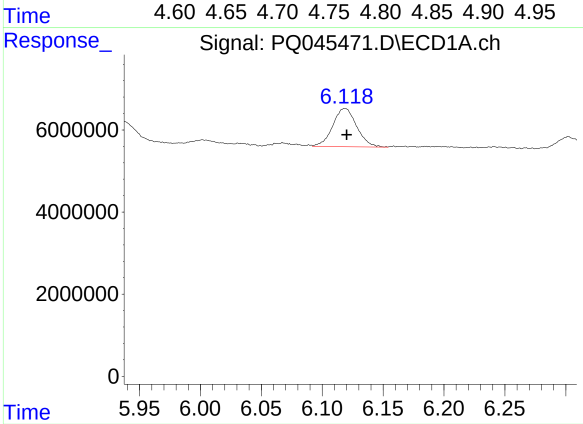
Instrument :
ECD_Q
ClientSampleId :
ALCS14



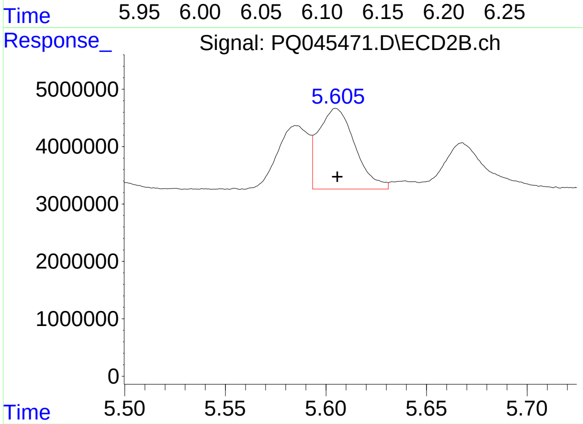

```
#11   AR-1232-1

      R.T.:     5.530 min
Delta R.T.:    -0.001 min
  Response:    7067410
      Conc: 111.21 ng/ml
```



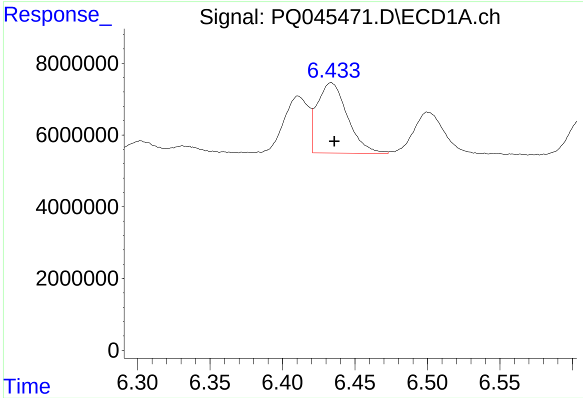

```
#11   AR-1232-1

      R.T.:     4.762 min
Delta R.T.:    -0.001 min
  Response:    4724655
      Conc: 133.33 ng/ml
```




```
#12   AR-1232-2

      R.T.:     6.119 min
Delta R.T.:    -0.001 min
  Response:   12821810
      Conc: 320.54 ng/ml
```



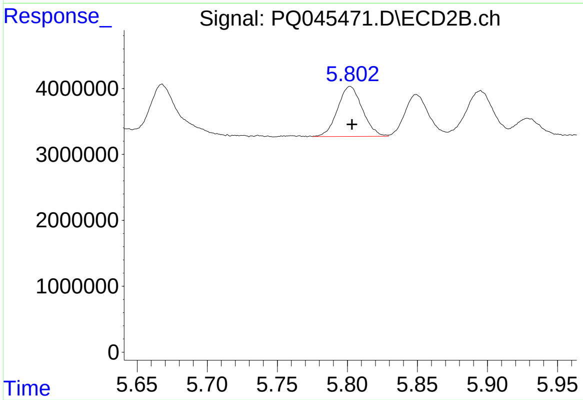

```
#12   AR-1232-2

      R.T.:     5.605 min
Delta R.T.:     0.000 min
  Response:   17859773
      Conc: 402.40 ng/ml
```



#13 AR-1232-3

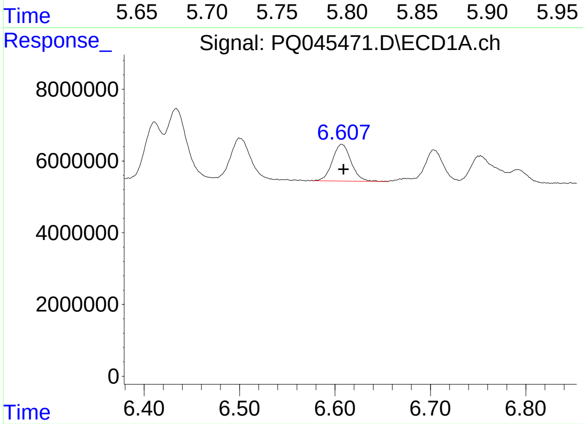
R.T.: 6.434 min
Delta R.T.: -0.002 min
Response: 28401865
Conc: 352.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



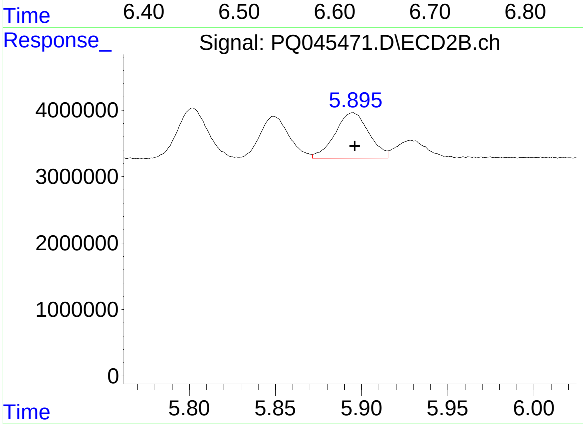
#13 AR-1232-3

R.T.: 5.802 min
Delta R.T.: -0.001 min
Response: 9329306
Conc: 421.26 ng/ml



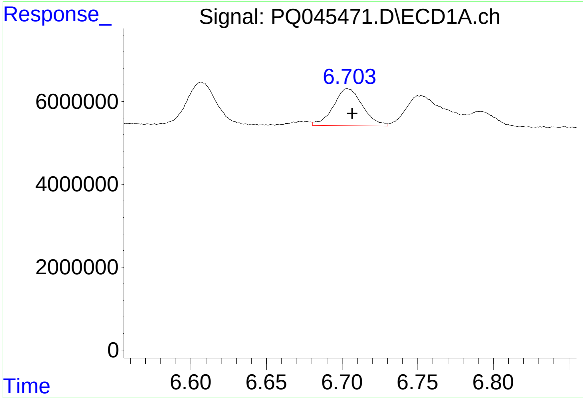
#14 AR-1232-4

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 13905600
Conc: 351.82 ng/ml



#14 AR-1232-4

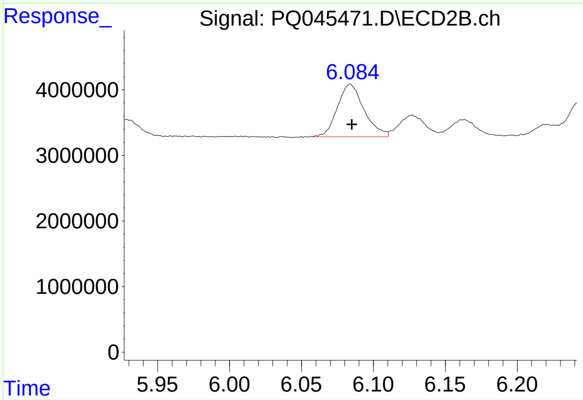
R.T.: 5.895 min
Delta R.T.: -0.001 min
Response: 9372237
Conc: 415.33 ng/ml



#15 AR-1232-5

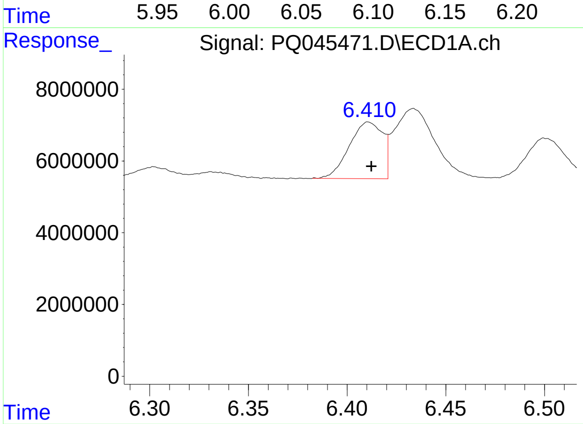
R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 12020285
Conc: 360.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



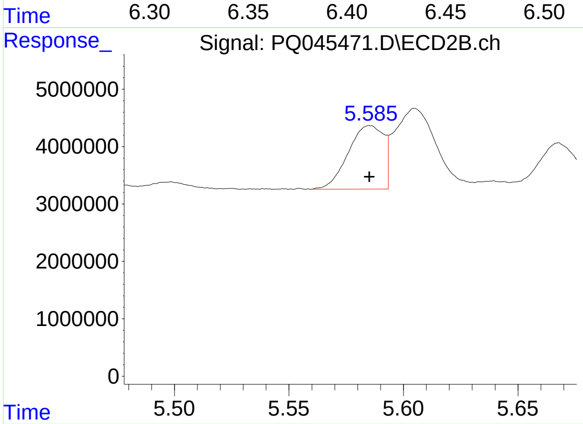
#15 AR-1232-5

R.T.: 6.084 min
Delta R.T.: -0.001 min
Response: 10371508
Conc: 427.08 ng/ml



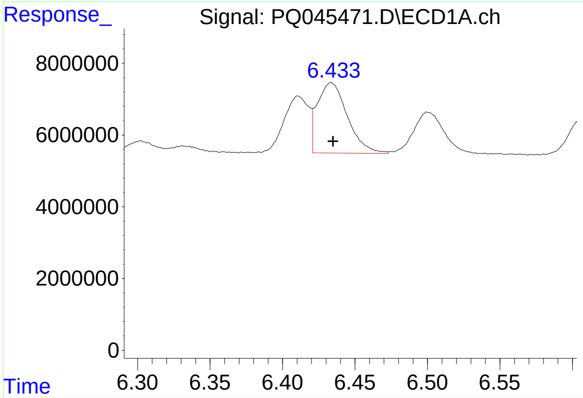
#16 AR-1242-1

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 18643654
Conc: 180.29 ng/ml



#16 AR-1242-1

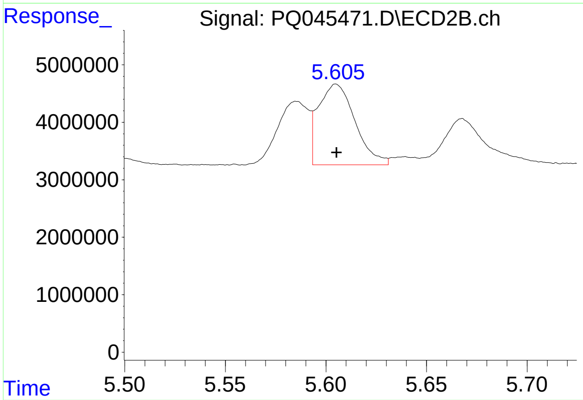
R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 11892872
Conc: 201.62 ng/ml



#17 AR-1242-2

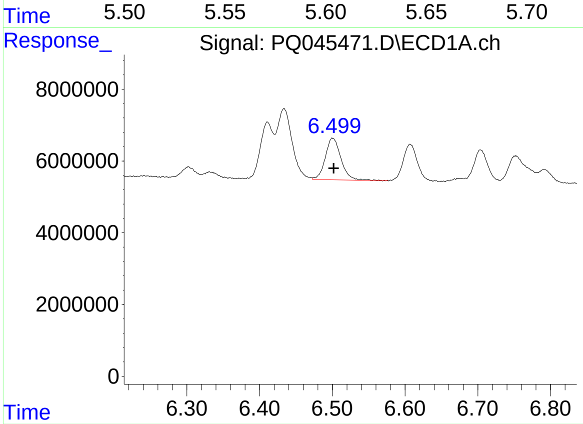
R.T.: 6.434 min
Delta R.T.: -0.001 min
Response: 28401865
Conc: 174.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



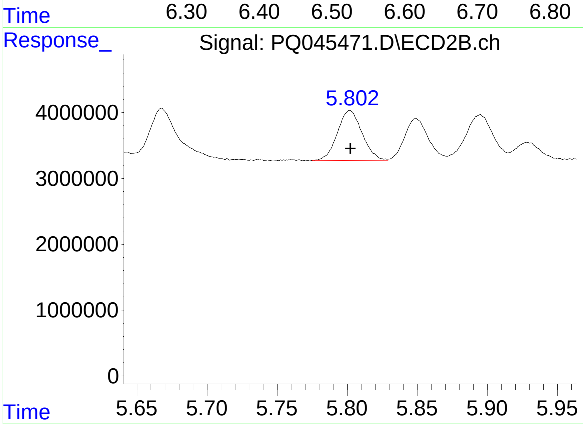
#17 AR-1242-2

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 17859773
Conc: 203.73 ng/ml



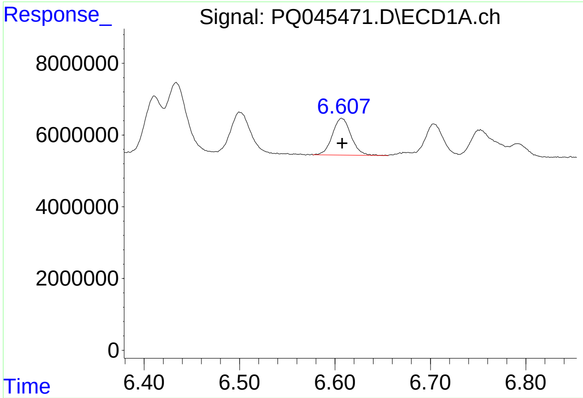
#18 AR-1242-3

R.T.: 6.500 min
Delta R.T.: -0.001 min
Response: 17466236
Conc: 170.77 ng/ml



#18 AR-1242-3

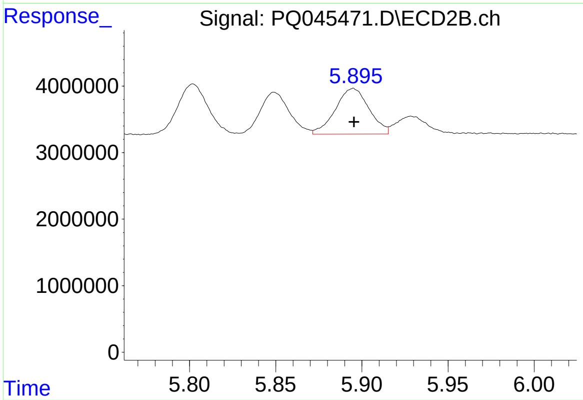
R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 9329306
Conc: 207.03 ng/ml



#19 AR-1242-4

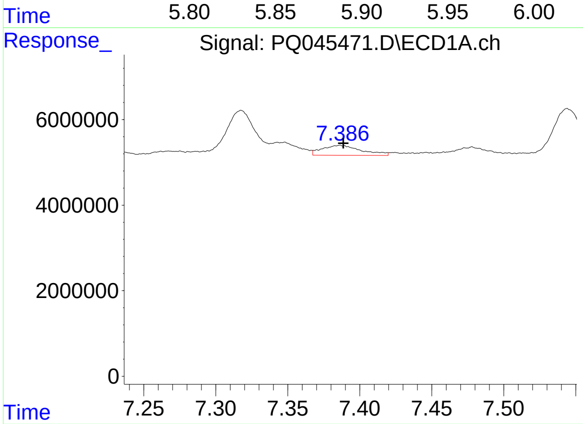
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 13905600
Conc: 172.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



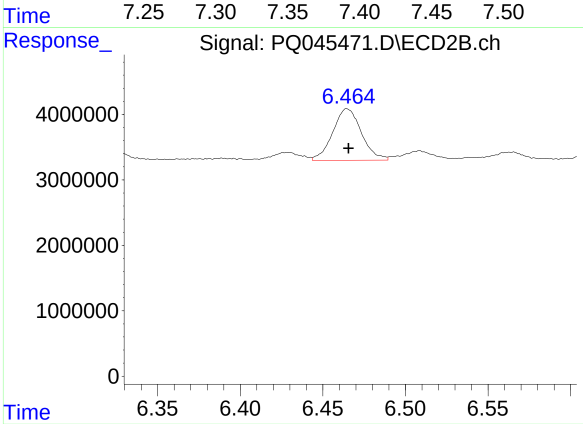
#19 AR-1242-4

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 9372237
Conc: 193.09 ng/ml



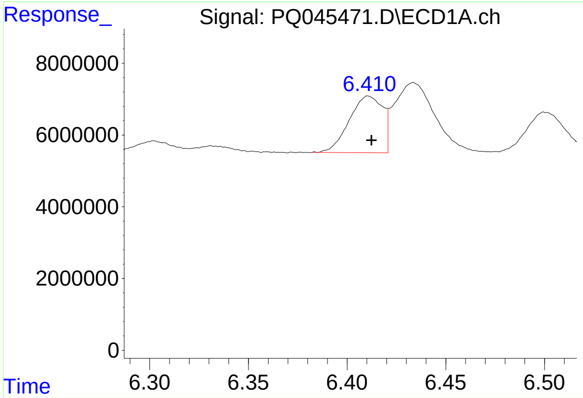
#20 AR-1242-5

R.T.: 7.386 min
Delta R.T.: -0.002 min
Response: 4453261
Conc: 47.45 ng/ml



#20 AR-1242-5

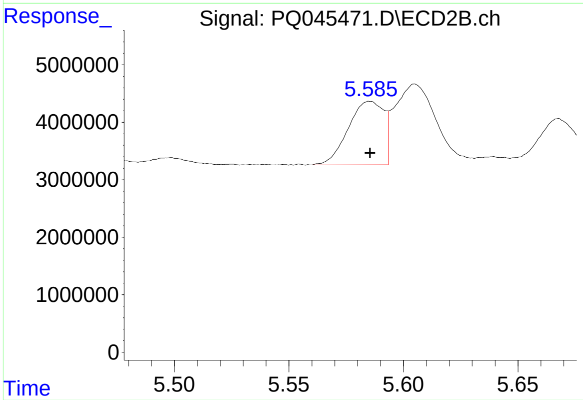
R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 9512852
Conc: 137.08 ng/ml



#21 AR-1248-1

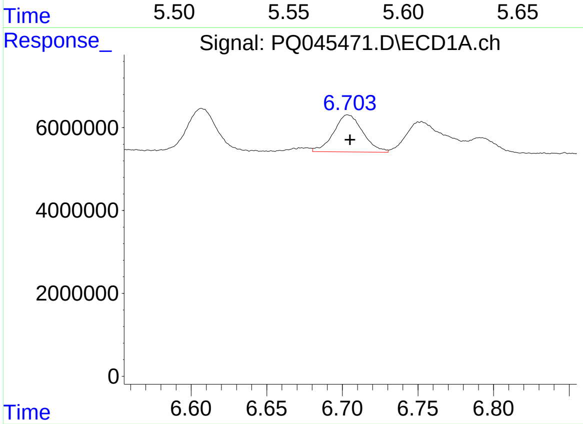
```
      R.T.:    6.411 min
Delta R.T.:   -0.001 min
  Response:  18643654
      Conc: 230.09 ng/ml
```

Instrument :
ECD_Q
ClientSampleId :
ALCS14



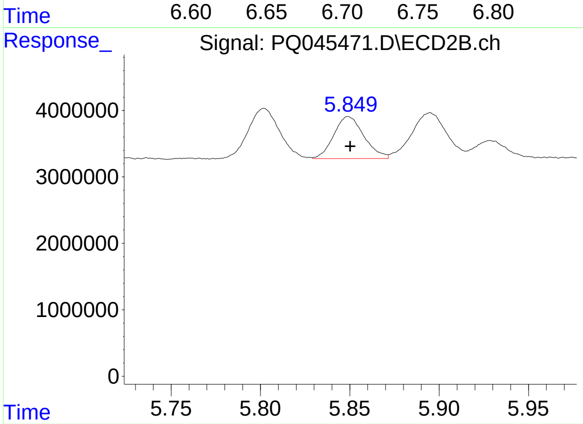
#21 AR-1248-1

```
      R.T.:    5.585 min
Delta R.T.:    0.000 min
  Response:  11892872
      Conc: 257.00 ng/ml
```



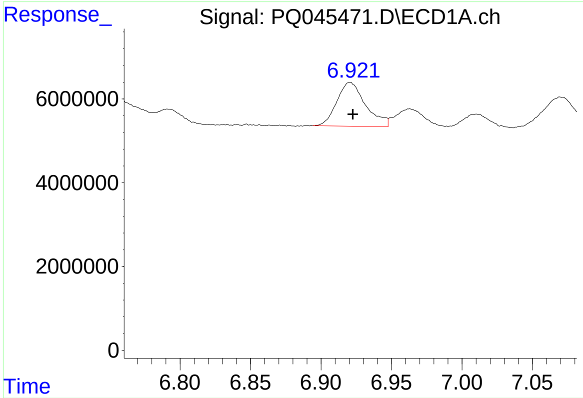
#22 AR-1248-2

```
      R.T.:    6.704 min
Delta R.T.:   -0.001 min
  Response:  12020285
      Conc:   94.58 ng/ml
```



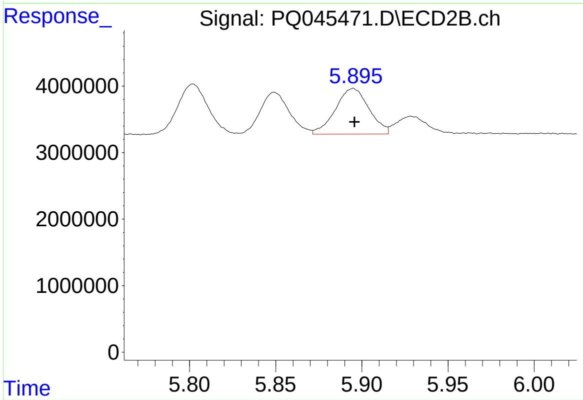
#22 AR-1248-2

```
      R.T.:    5.849 min
Delta R.T.:   -0.001 min
  Response:   7453674
      Conc: 110.58 ng/ml
```



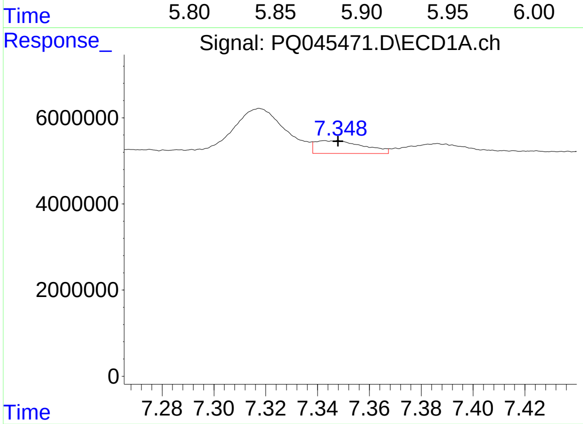
#23 AR-1248-3

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 14839526
Conc: 106.56 ng/ml



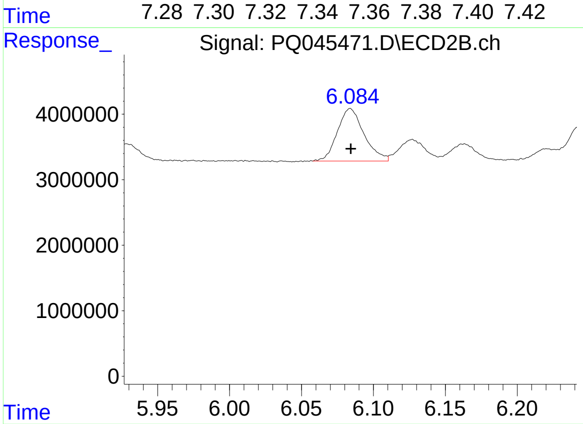
#23 AR-1248-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 9372237
Conc: 131.98 ng/ml



#24 AR-1248-4

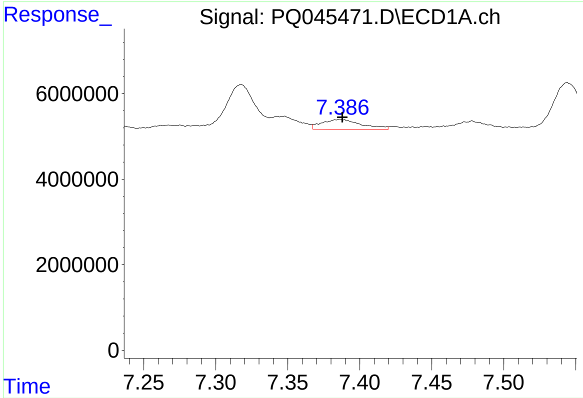
R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 3880784
Conc: 23.90 ng/ml



#24 AR-1248-4

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 10371508
Conc: 119.25 ng/ml

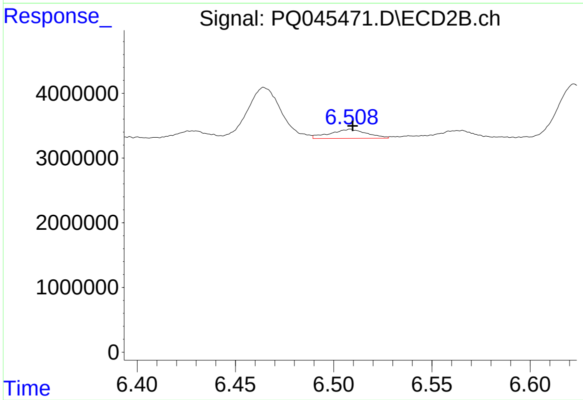
Instrument :
ECD_Q
ClientSampleId :
ALCS14



#25 AR-1248-5

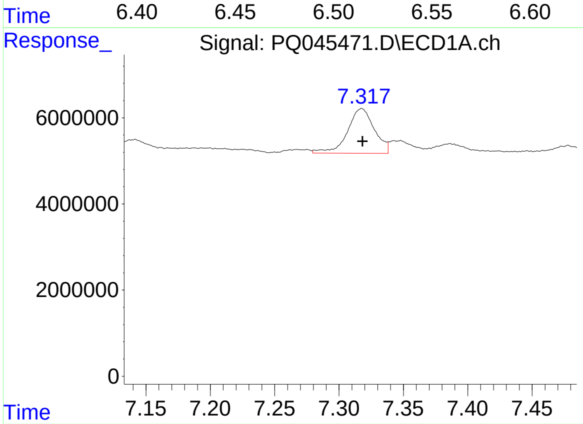
R.T.: 7.386 min
Delta R.T.: -0.002 min
Response: 4453261
Conc: 28.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



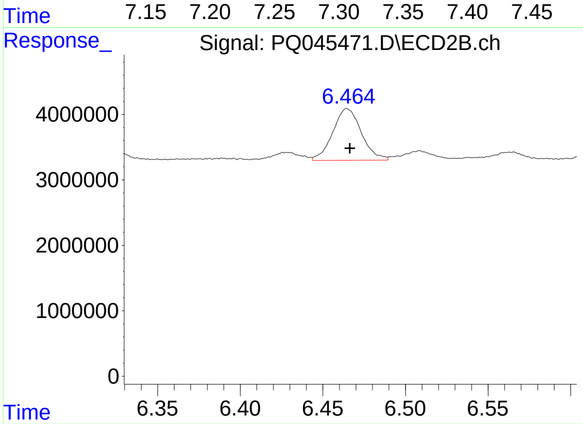
#25 AR-1248-5

R.T.: 6.509 min
Delta R.T.: -0.001 min
Response: 1815889
Conc: 19.21 ng/ml



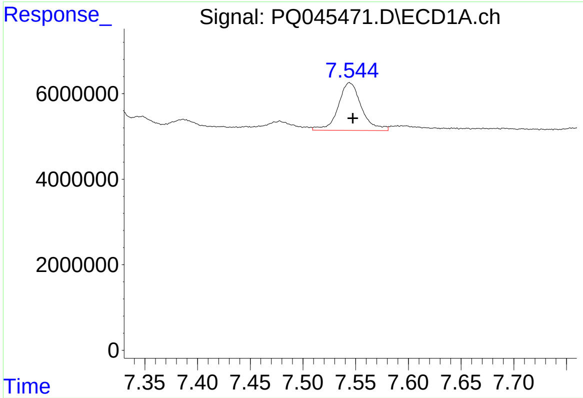
#26 AR-1254-1

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 15086149
Conc: 91.70 ng/ml



#26 AR-1254-1

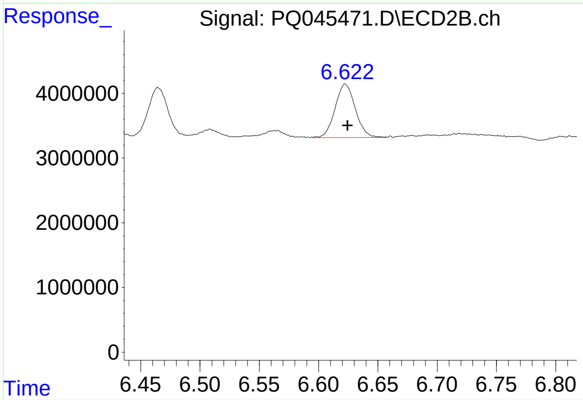
R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 9512852
Conc: 65.55 ng/ml



#27 AR-1254-2

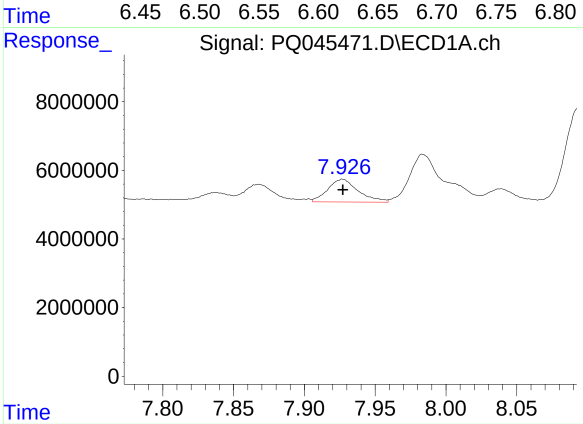
R.T.: 7.544 min
Delta R.T.: -0.003 min
Response: 17197506
Conc: 65.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



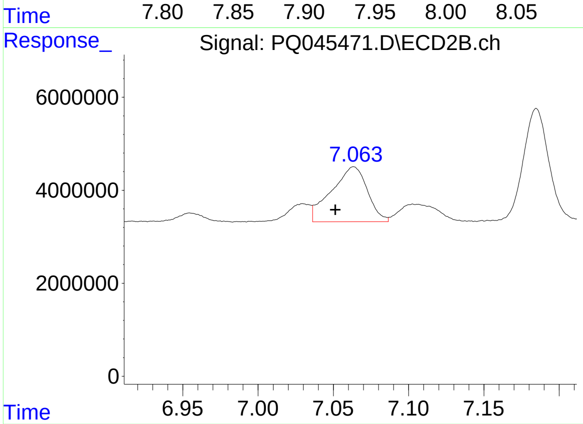
#27 AR-1254-2

R.T.: 6.622 min
Delta R.T.: -0.002 min
Response: 9819529
Conc: 73.40 ng/ml



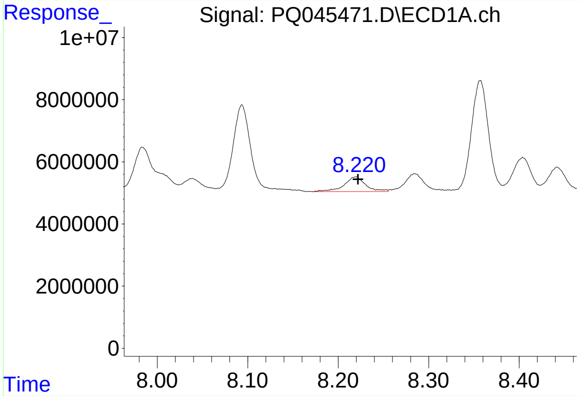
#28 AR-1254-3

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 9912616
Conc: 34.67 ng/ml



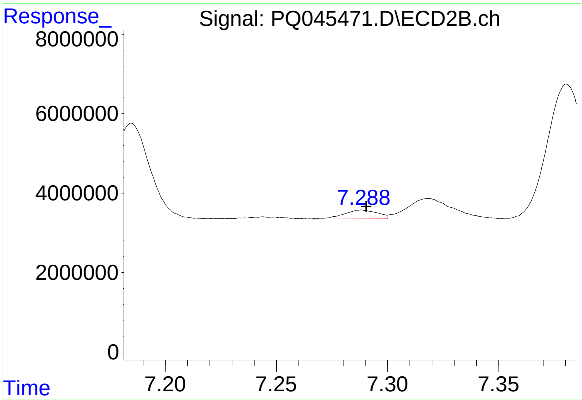
#28 AR-1254-3

R.T.: 7.064 min
Delta R.T.: 0.012 min
Response: 19695958
Conc: 82.17 ng/ml

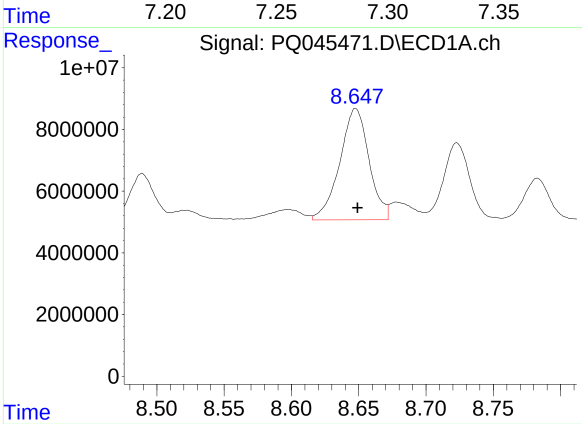



```
#29  AR-1254-4

      R.T.:    8.219 min
Delta R.T.:   -0.003 min
  Response:   7835659
      Conc:  36.16 ng/ml
```

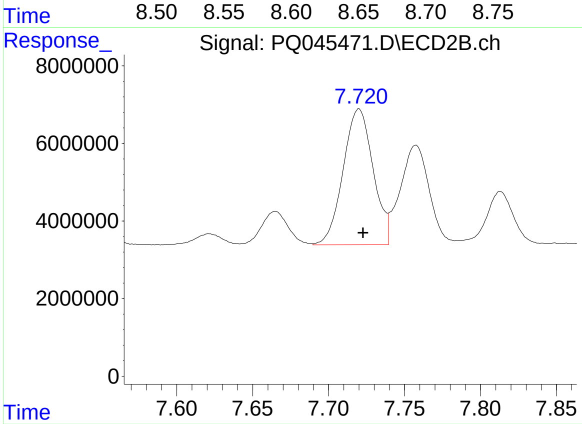
Instrument :
ECD_Q
ClientSampleId :
ALCS14



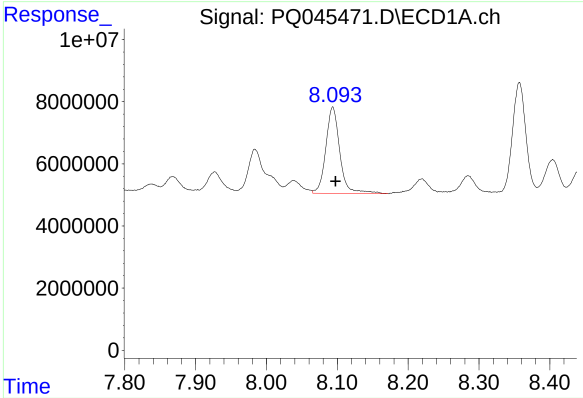

```
#29  AR-1254-4

      R.T.:    7.288 min
Delta R.T.:   -0.002 min
  Response:   2377195
      Conc:  14.24 ng/ml
```




```
#30  AR-1254-5

      R.T.:    8.648 min
Delta R.T.:   -0.001 min
  Response:  54756402
      Conc: 222.52 ng/ml
```



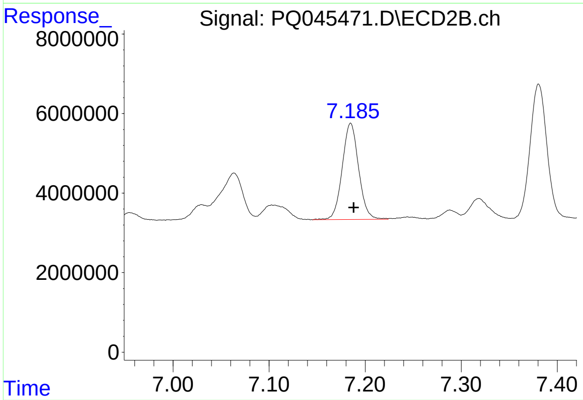

```
#30  AR-1254-5

      R.T.:    7.720 min
Delta R.T.:   -0.003 min
  Response:  48210904
      Conc: 187.10 ng/ml
```



#31 AR-1260-1

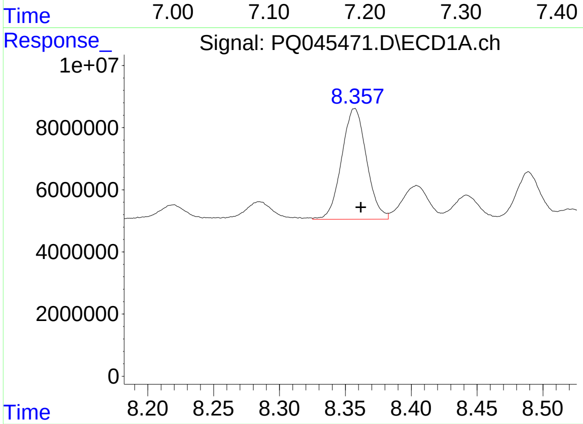
R.T.: 8.094 min
Delta R.T.: -0.004 min
Response: 38148225
Conc: 178.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



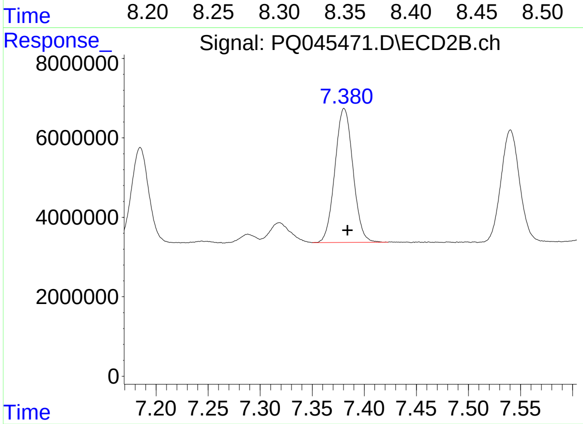
#31 AR-1260-1

R.T.: 7.185 min
Delta R.T.: -0.003 min
Response: 28787620
Conc: 188.07 ng/ml



#32 AR-1260-2

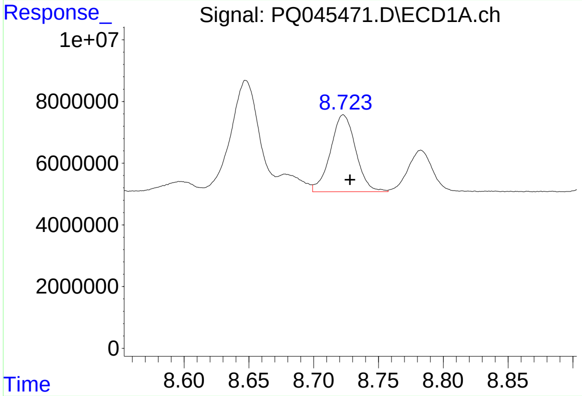
R.T.: 8.357 min
Delta R.T.: -0.005 min
Response: 46911936
Conc: 192.51 ng/ml



#32 AR-1260-2

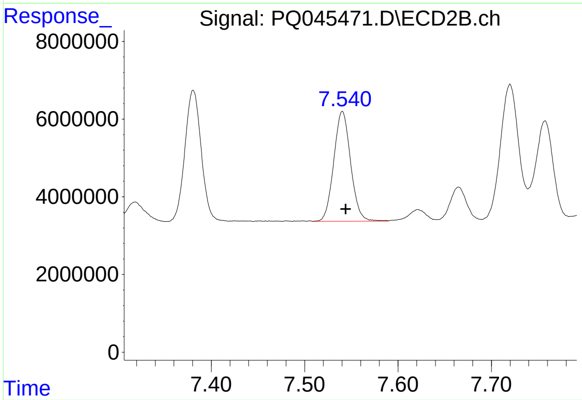
R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 40882562
Conc: 204.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



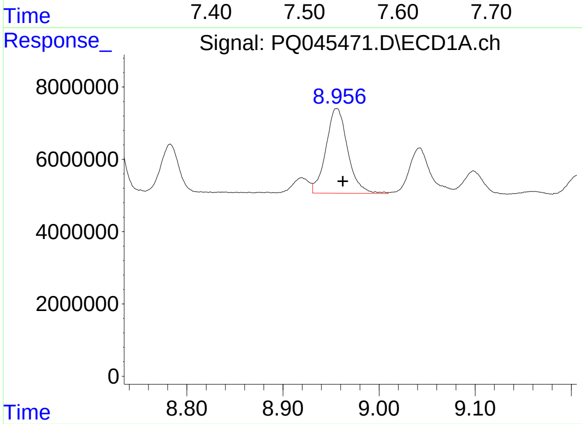
#33 AR-1260-3

R.T.: 8.723 min
Delta R.T.: -0.005 min
Response: 33865556
Conc: 170.83 ng/ml



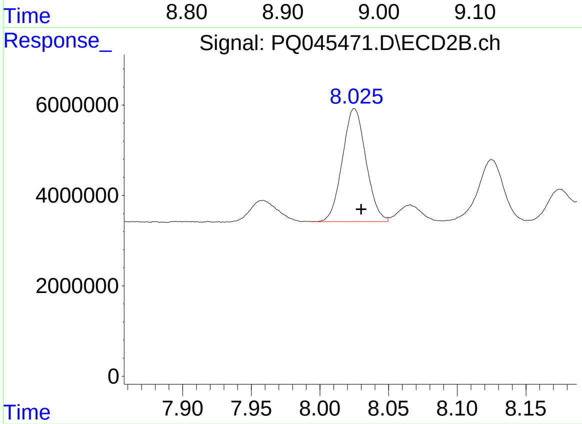
#33 AR-1260-3

R.T.: 7.540 min
Delta R.T.: -0.003 min
Response: 35563272
Conc: 193.29 ng/ml



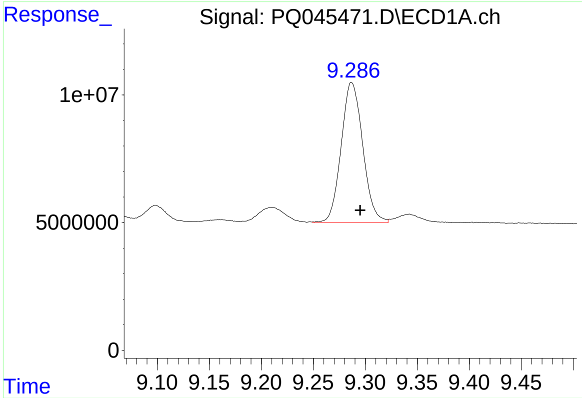
#34 AR-1260-4

R.T.: 8.956 min
Delta R.T.: -0.006 min
Response: 36832015
Conc: 161.11 ng/ml



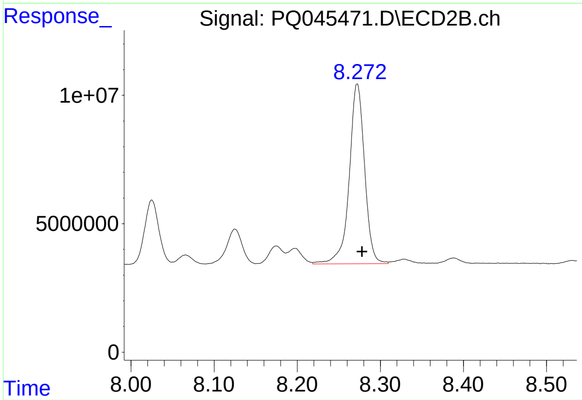
#34 AR-1260-4

R.T.: 8.025 min
Delta R.T.: -0.005 min
Response: 29909474
Conc: 164.85 ng/ml

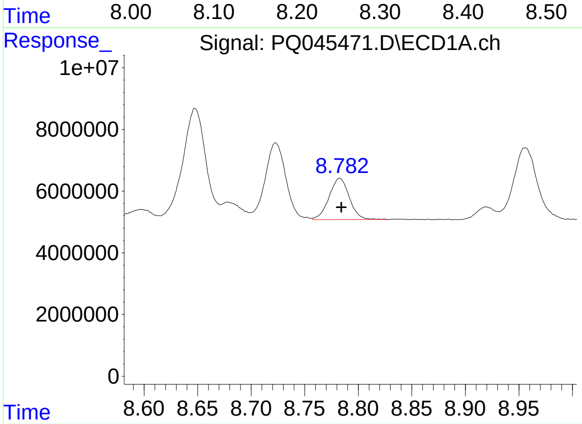



```
#35  AR-1260-5

     R.T.:     9.287 min
Delta R.T.:   -0.008 min
  Response:   79487865
      Conc: 152.75 ng/ml
```

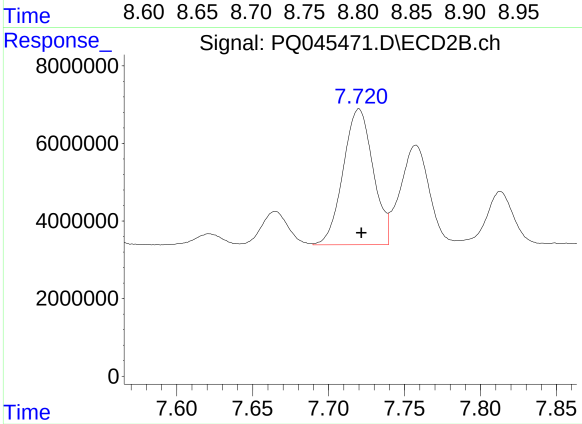
Instrument :
ECD_Q
ClientSampleId :
ALCS14



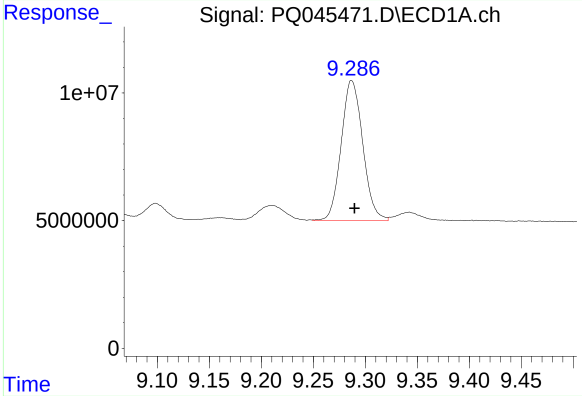

```
#35  AR-1260-5

     R.T.:     8.272 min
Delta R.T.:   -0.006 min
  Response:   90022647
      Conc: 175.95 ng/ml
```




```
#36  AR-1262-1

     R.T.:     8.783 min
Delta R.T.:   -0.001 min
  Response:   17618595
      Conc: 127.42 ng/ml
```



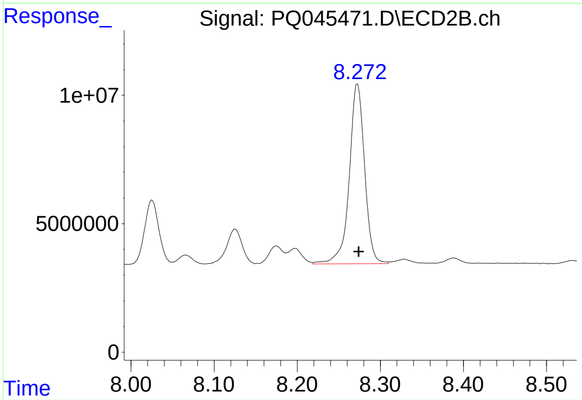

```
#36  AR-1262-1

     R.T.:     7.720 min
Delta R.T.:   -0.001 min
  Response:   48210904
      Conc: 330.49 ng/ml
```



#37 AR-1262-2

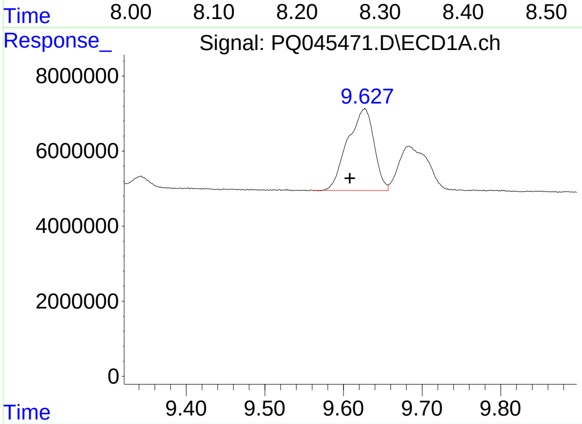
R.T.: 9.287 min
Delta R.T.: -0.003 min
Response: 79487865
Conc: 122.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



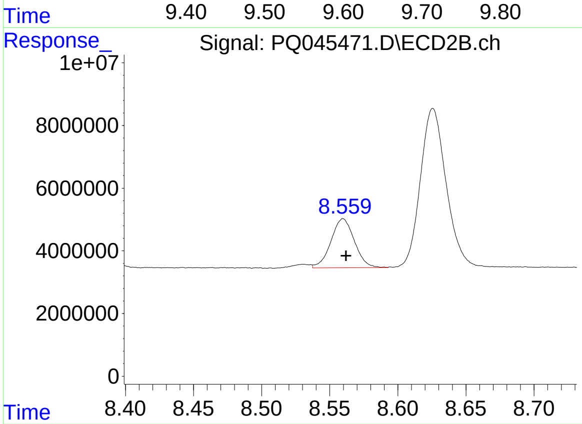
#37 AR-1262-2

R.T.: 8.272 min
Delta R.T.: -0.002 min
Response: 90022647
Conc: 138.36 ng/ml



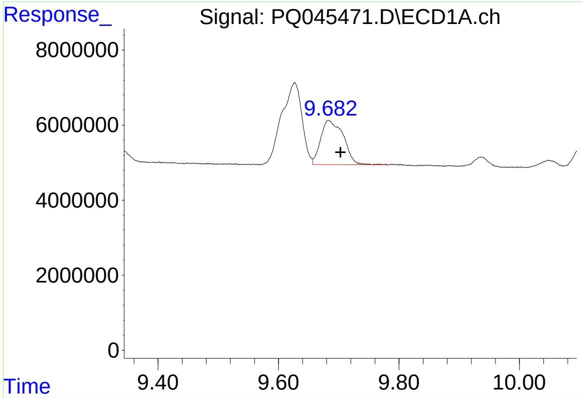
#38 AR-1262-3

R.T.: 9.627 min
Delta R.T.: 0.019 min
Response: 50905568
Conc: 111.26 ng/ml



#38 AR-1262-3

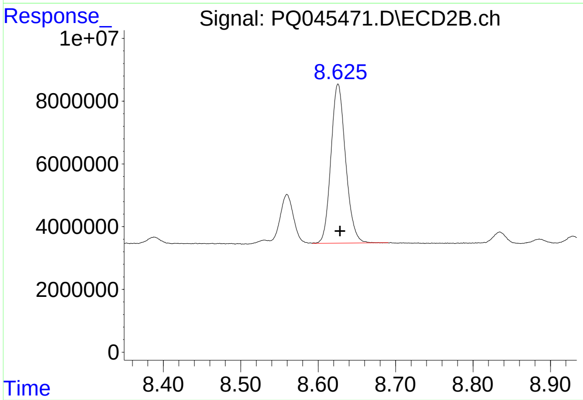
R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 18795555
Conc: 70.56 ng/ml



#39 AR-1262-4

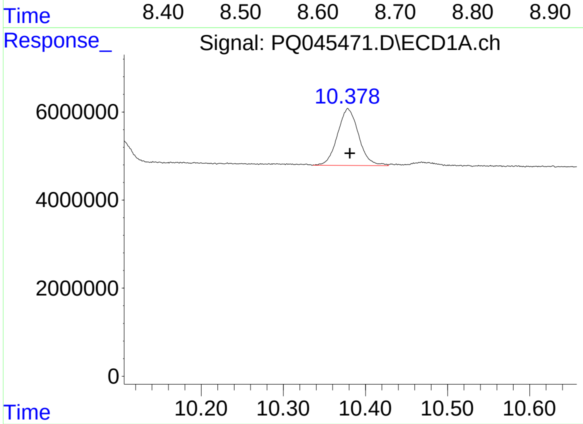
R.T.: 9.683 min
Delta R.T.: -0.020 min
Response: 30798762
Conc: 84.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



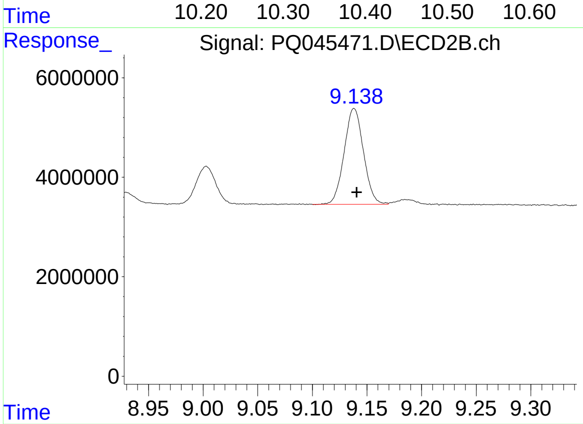
#39 AR-1262-4

R.T.: 8.626 min
Delta R.T.: -0.002 min
Response: 66755726
Conc: 127.52 ng/ml



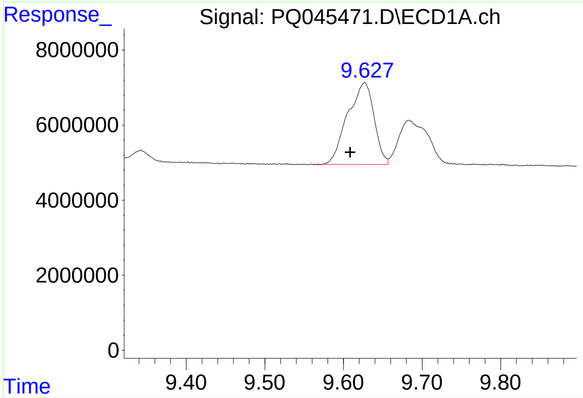
#40 AR-1262-5

R.T.: 10.379 min
Delta R.T.: -0.002 min
Response: 23080365
Conc: 80.98 ng/ml



#40 AR-1262-5

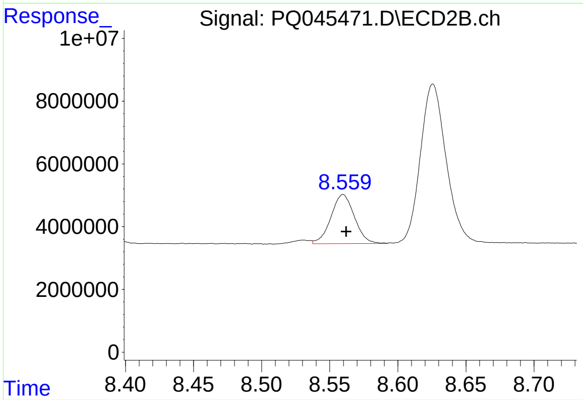
R.T.: 9.138 min
Delta R.T.: -0.002 min
Response: 23700291
Conc: 86.18 ng/ml



#41 AR-1268-1

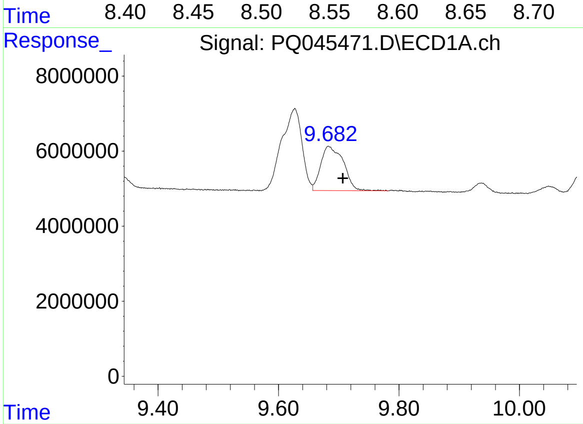
R.T.: 9.627 min
Delta R.T.: 0.018 min
Response: 50905568
Conc: 60.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



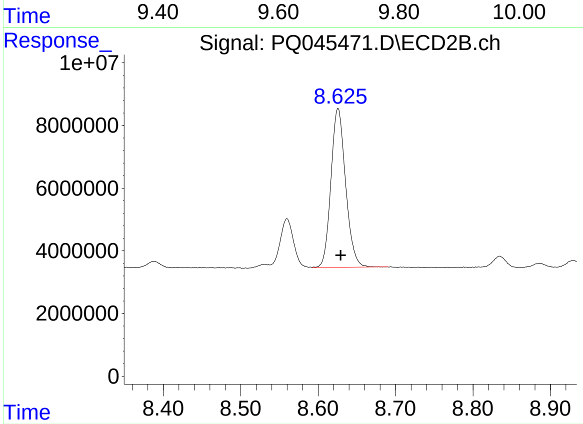
#41 AR-1268-1

R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 18795555
Conc: 23.40 ng/ml



#42 AR-1268-2

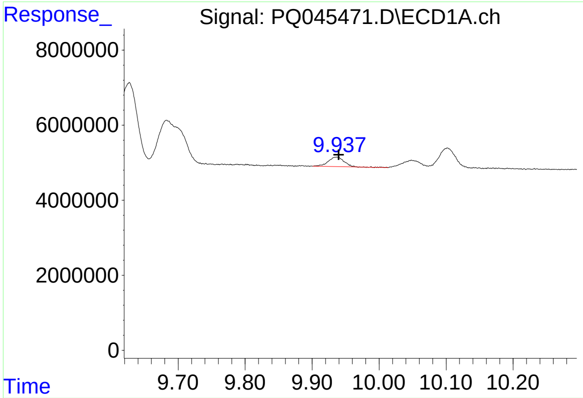
R.T.: 9.683 min
Delta R.T.: -0.024 min
Response: 30798762
Conc: 37.23 ng/ml



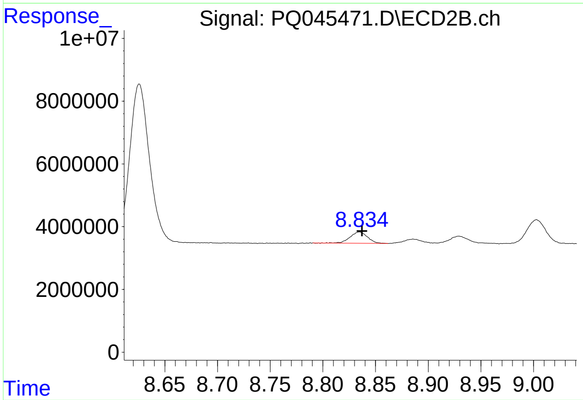
#42 AR-1268-2

R.T.: 8.626 min
Delta R.T.: -0.003 min
Response: 66755726
Conc: 87.77 ng/ml

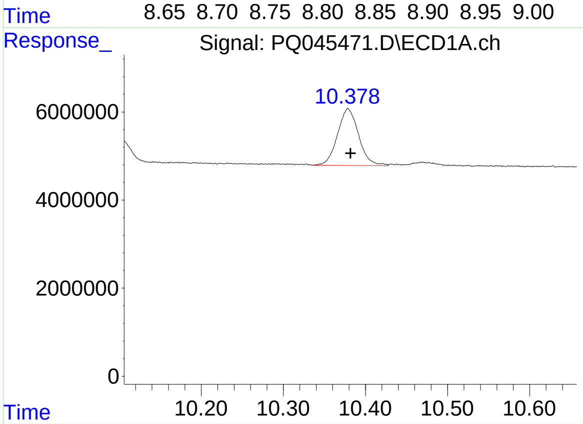
Instrument :
ECD_Q
ClientSampleId :
ALCS14



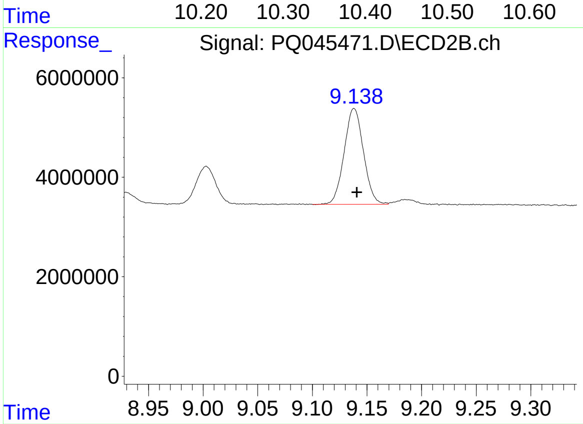

```
#43   AR-1268-3

      R.T.:     9.937 min
Delta R.T.:    -0.003 min
  Response:    4180524
      Conc:    5.95 ng/ml
```



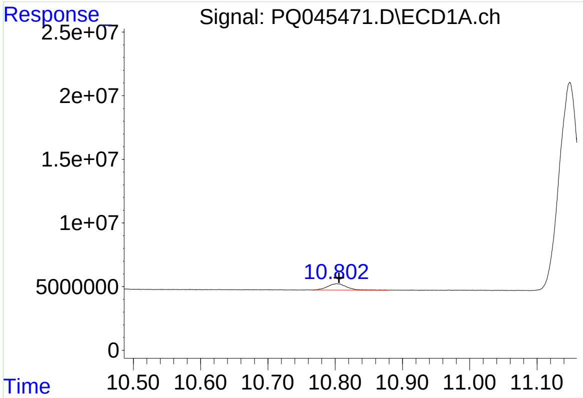

```
#43   AR-1268-3

      R.T.:     8.835 min
Delta R.T.:    -0.003 min
  Response:    4169497
      Conc:    6.67 ng/ml
```




```
#44   AR-1268-4

      R.T.:    10.379 min
Delta R.T.:    -0.003 min
  Response:   23080365
      Conc:   70.21 ng/ml
```



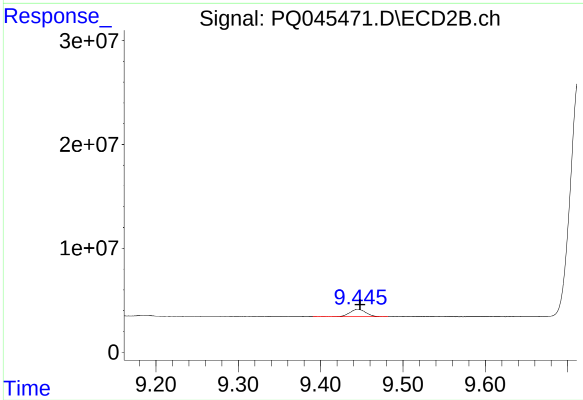

```
#44   AR-1268-4

      R.T.:     9.138 min
Delta R.T.:    -0.002 min
  Response:   23700291
      Conc:   74.47 ng/ml
```



#45 AR-1268-5

R.T.: 10.803 min
Delta R.T.: -0.003 min
Response: 9605163
Conc: 3.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS14



#45 AR-1268-5

R.T.: 9.445 min
Delta R.T.: -0.002 min
Response: 9564473
Conc: 3.96 ng/ml