

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041831.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 20:31
 Operator : SM\AJ
 Sample : K3020-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:12:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.697	4.754	49827494	44495807	21.727	23.088
2)	SA Decachlor...	12.094	10.511	309.3E6	195.8E6	36.687	40.470
Target Compounds							
3)	L1 AR-1016-1	7.158	6.203	15256933	1877520	141.158	18.093 #
4)	L1 AR-1016-2	7.158	6.203	15256933	1877520	97.471	13.105 #
5)	L1 AR-1016-3	0.000	6.459	0	8278798	N.D.	111.017 #
6)	L1 AR-1016-4	0.000	6.459	0	8278798	N.D.	133.507 #
7)	L1 AR-1016-5	7.635	6.778	23289134	4329272	296.261	53.183 #
10)	L2 AR-1221-3	0.000	5.339	0	17791255	N.D.	326.254 #
11)	L3 AR-1232-1	0.000	5.339	0	17791255	N.D.	368.443 #
12)	L3 AR-1232-2	0.000	6.203	0	1877520	N.D.	32.923 #
13)	L3 AR-1232-3	7.158	6.459	15256933	8278798	228.522	277.630
14)	L3 AR-1232-4	0.000	6.568	0	8692363	N.D.	325.597 #
15)	L3 AR-1232-5	0.000	6.778	0	4329272	N.D.	147.625 #
16)	L4 AR-1242-1	7.158	6.203	15256933	1877520	170.565	22.941 #
17)	L4 AR-1242-2	7.158	6.203	15256933	1877520	118.647	16.624 #
18)	L4 AR-1242-3	0.000	6.459	0	8278798	N.D.	140.146 #
19)	L4 AR-1242-4	0.000	6.568	0	8692363	N.D.	146.590 #
20)	L4 AR-1242-5	8.137	7.119	229.6E6	255.9E6	2588.159	2882.280
21)	L5 AR-1248-1	7.158	6.203	15256933	1877520	205.796	28.317 #
22)	L5 AR-1248-2	0.000	6.459	0	8278798	N.D.	94.954 #
23)	L5 AR-1248-3	7.635	6.568	23289134	8692363	207.862	97.387 #
24)	L5 AR-1248-4	8.137	6.778	229.6E6	4329272	1468.657	39.306 #
25)	L5 AR-1248-5	8.137	7.208	229.6E6	7182609	1517.523	56.038 #
26)	L6 AR-1254-1	8.081	7.119	13977584	255.9E6	100.475	1399.405 #
27)	L6 AR-1254-2	8.346	7.323	33027568	9524410	144.299	58.839 #
28)	L6 AR-1254-3	8.747	7.744	16821339	16885132	61.520	58.546
29)	L6 AR-1254-4	9.002	8.081	38270876	6370735	155.462	29.348 #
30)	L6 AR-1254-5	0.000	8.469	0	10380525	N.D.	34.513 #
31)	L7 AR-1260-1	8.874	7.915	41040888	26781124	230.715	147.612 #
32)	L7 AR-1260-2	9.173	8.145	16055253	42755304	63.642	174.273 #
33)	L7 AR-1260-3	9.549	8.287	29765225	5110798	129.903	24.019 #
34)	L7 AR-1260-4	9.813	8.779	31210445	21208281	122.230	104.841
35)	L7 AR-1260-5	10.140	9.033	46912466	50142567	69.645	84.959
36)	L8 AR-1262-1	9.622	8.568	21740781	16351641	141.454	113.977
37)	L8 AR-1262-2	10.140	9.033	46912466	50142567	53.589	67.664 #
38)	L8 AR-1262-3	10.476	9.326	93000876	59104811	146.456	186.821 #
39)	L8 AR-1262-4	10.578	9.393	66858077	46310507	133.527	82.349 #
40)	L8 AR-1262-5	11.285	9.916	40454314	31721300	99.370	111.067
41)	L9 AR-1268-1	10.476	9.326	93000876	59104811	65.284	51.702
42)	L9 AR-1268-2	10.578	9.393	66858077	46310507	50.691	45.112
43)	L9 AR-1268-3	10.823	9.606	51202116	48601418	43.758	55.931 #

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Acq On : 30 Jul 2019 20:31
Operator : SM\AJ
Sample : K3020-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:12:58 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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
44) L9	AR-1268-4	11.285	9.916	40454314	31721300	74.307	82.464
45) L9	AR-1268-5	11.731	10.233	180.6E6	122.8E6	44.566	47.275

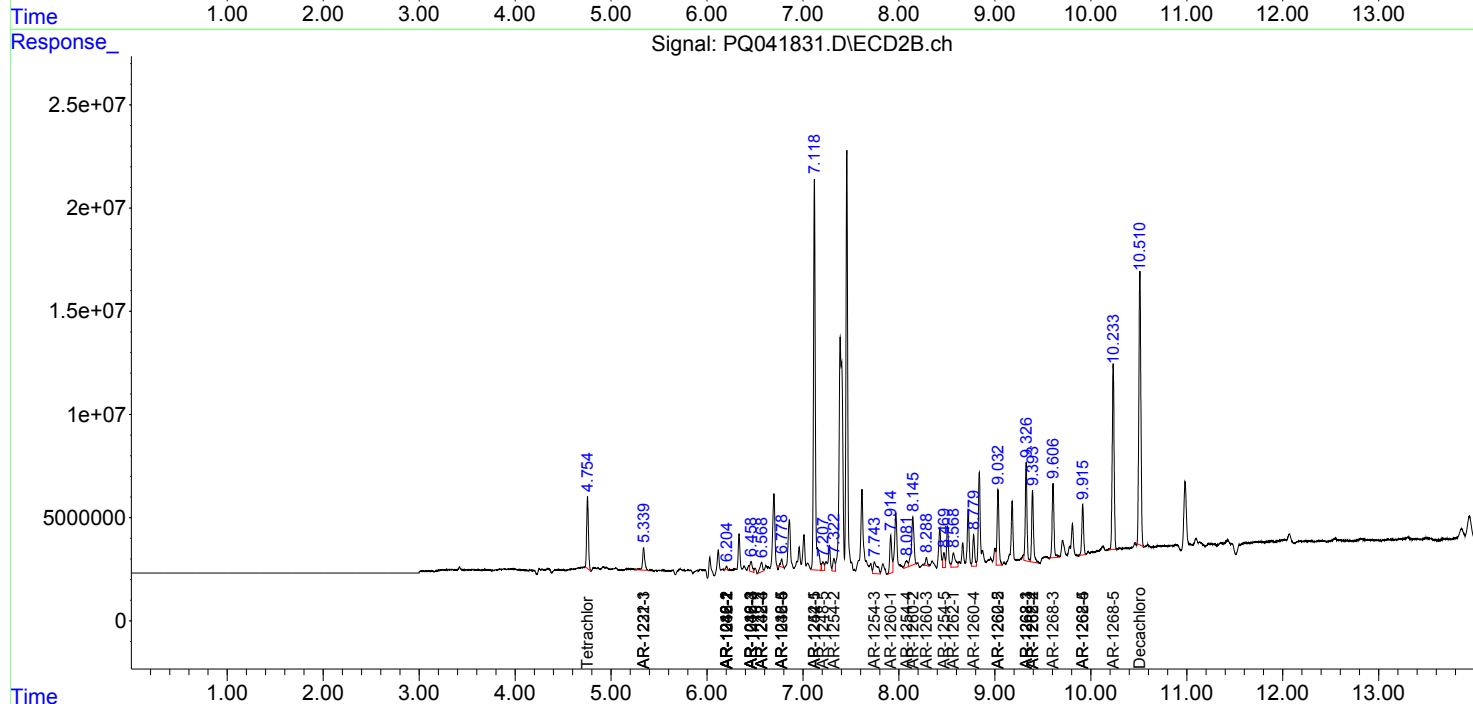
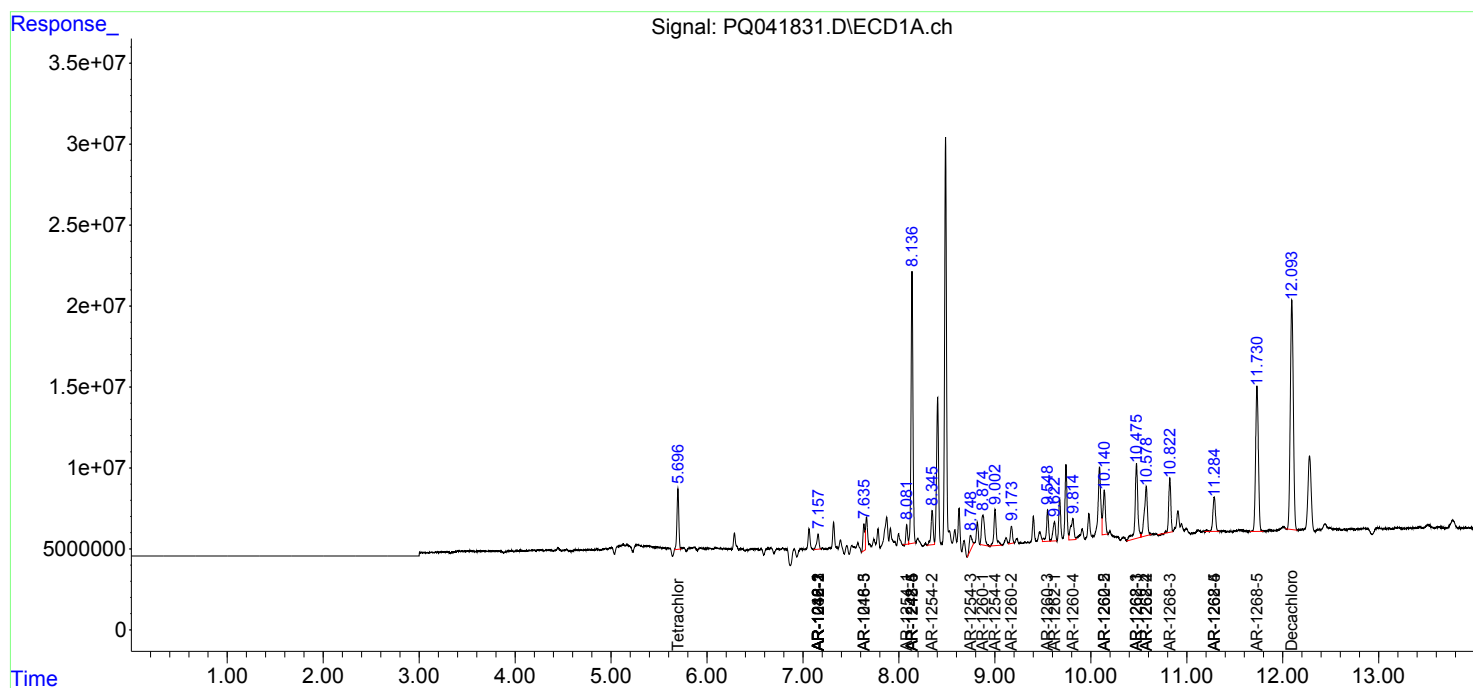
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

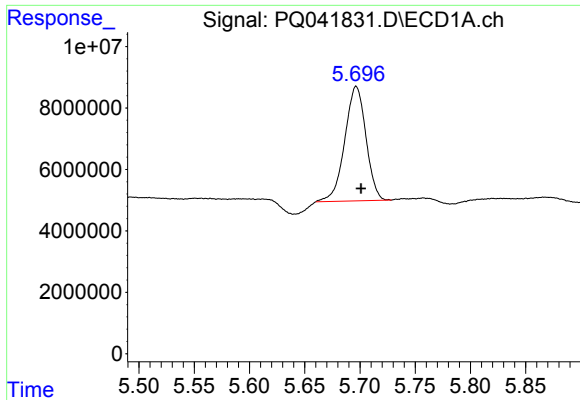
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041831.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2019 20:31
Operator : SM\AJ
Sample : K3020-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:12:58 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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

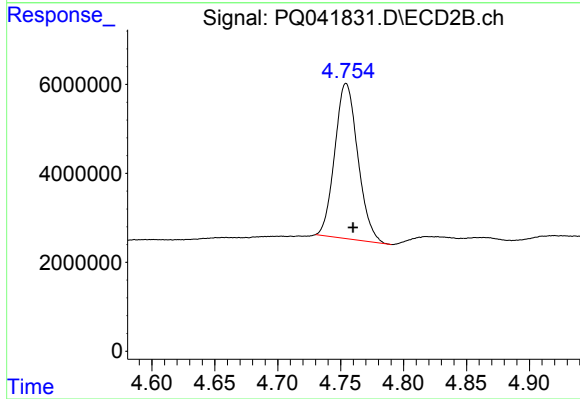




#1 Tetrachloro-m-xylene

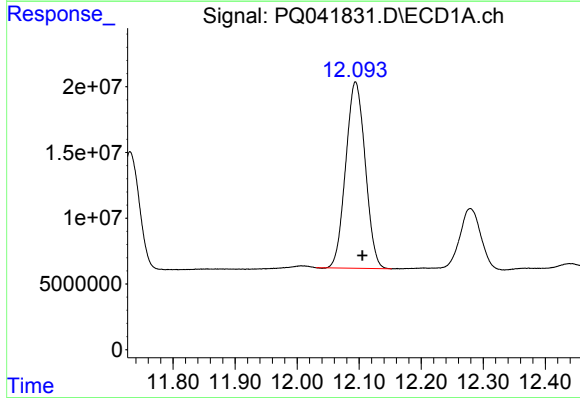
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 49827494
Conc: 21.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



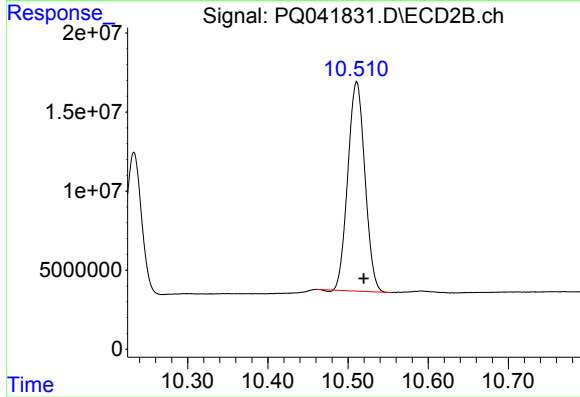
#1 Tetrachloro-m-xylene

R.T.: 4.754 min
Delta R.T.: -0.005 min
Response: 44495807
Conc: 23.09 ng/ml



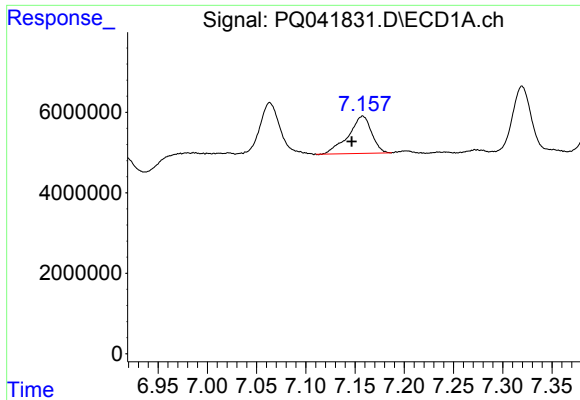
#2 Decachlorobiphenyl

R.T.: 12.094 min
Delta R.T.: -0.011 min
Response: 309322550
Conc: 36.69 ng/ml



#2 Decachlorobiphenyl

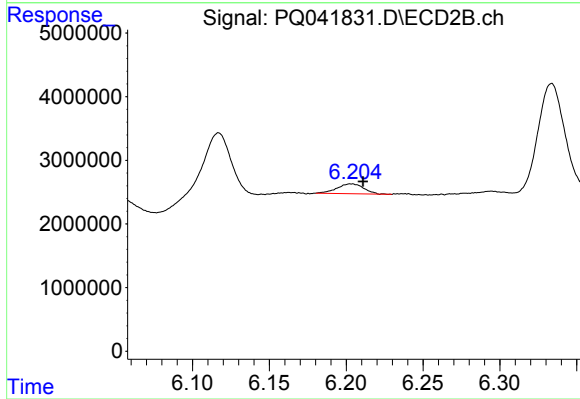
R.T.: 10.511 min
Delta R.T.: -0.009 min
Response: 195768922
Conc: 40.47 ng/ml



#3 AR-1016-1

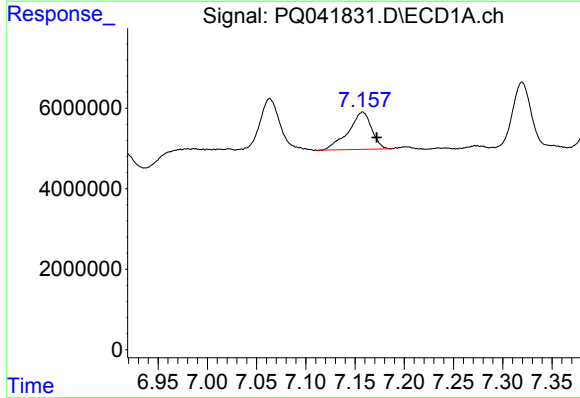
R.T.: 7.158 min
Delta R.T.: 0.011 min
Response: 15256933
Conc: 141.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



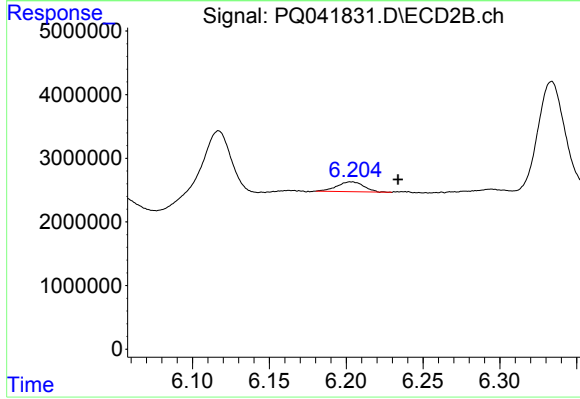
#3 AR-1016-1

R.T.: 6.203 min
Delta R.T.: -0.008 min
Response: 1877520
Conc: 18.09 ng/ml



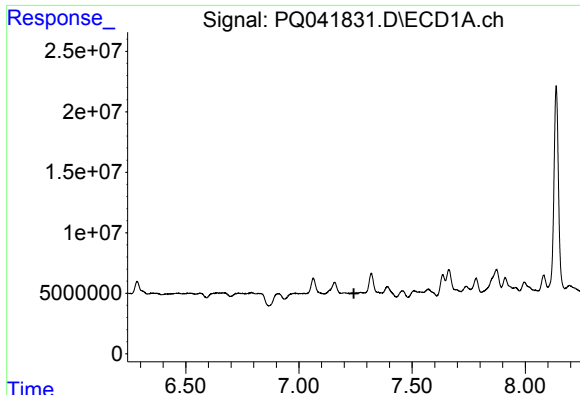
#4 AR-1016-2

R.T.: 7.158 min
Delta R.T.: -0.014 min
Response: 15256933
Conc: 97.47 ng/ml



#4 AR-1016-2

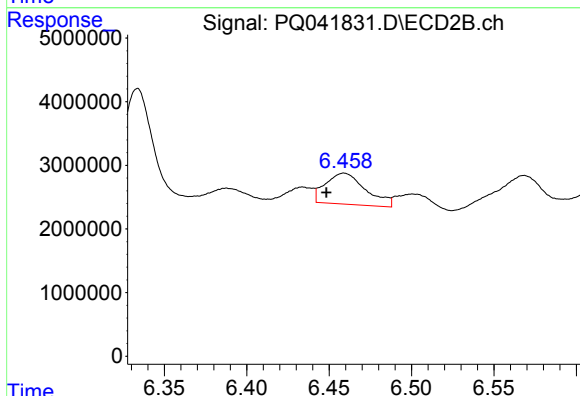
R.T.: 6.203 min
Delta R.T.: -0.030 min
Response: 1877520
Conc: 13.10 ng/ml



#5 AR-1016-3

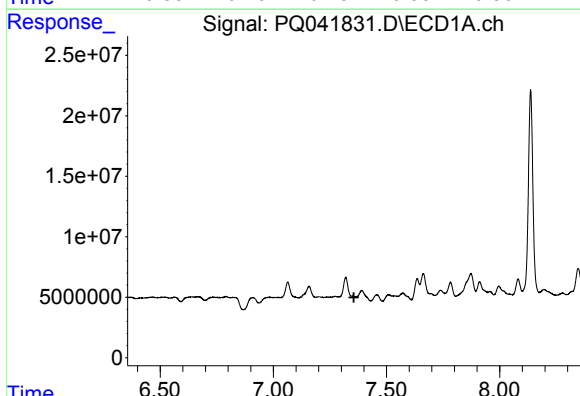
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



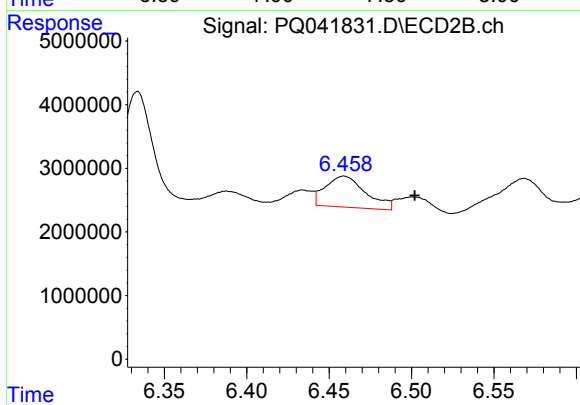
#5 AR-1016-3

R.T.: 6.459 min
Delta R.T.: 0.011 min
Response: 8278798
Conc: 111.02 ng/ml



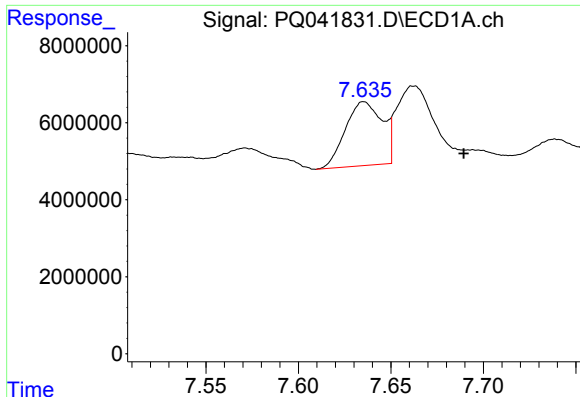
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.356 min
Response: 0
Conc: N.D.



#6 AR-1016-4

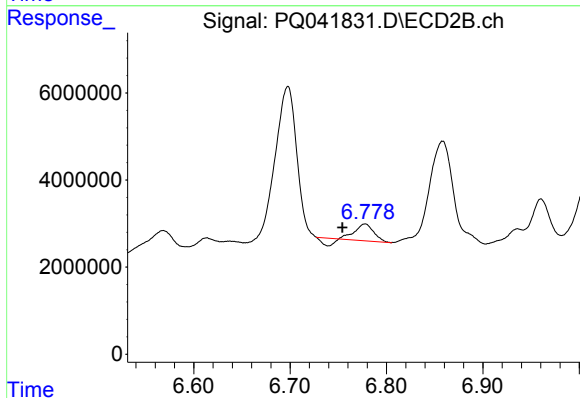
R.T.: 6.459 min
Delta R.T.: -0.043 min
Response: 8278798
Conc: 133.51 ng/ml



#7 AR-1016-5

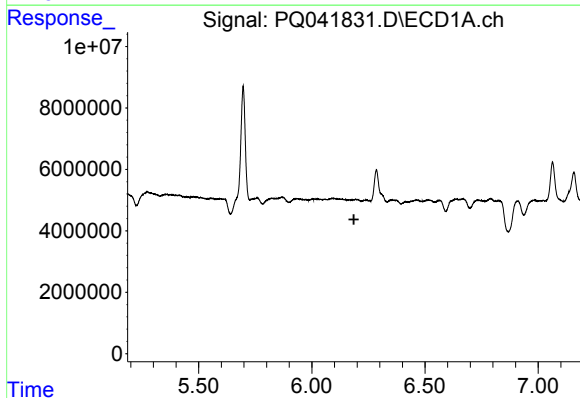
R.T.: 7.635 min
Delta R.T.: -0.054 min
Response: 23289134
Conc: 296.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



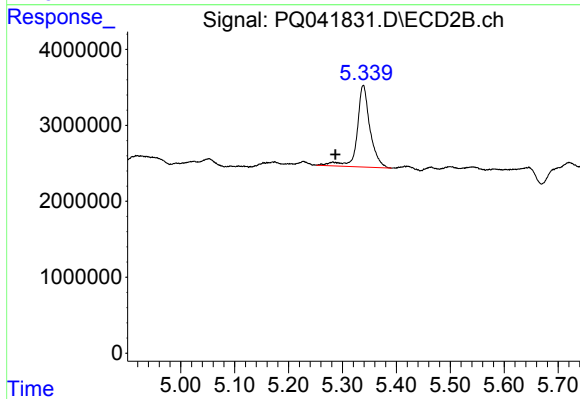
#7 AR-1016-5

R.T.: 6.778 min
Delta R.T.: 0.024 min
Response: 4329272
Conc: 53.18 ng/ml



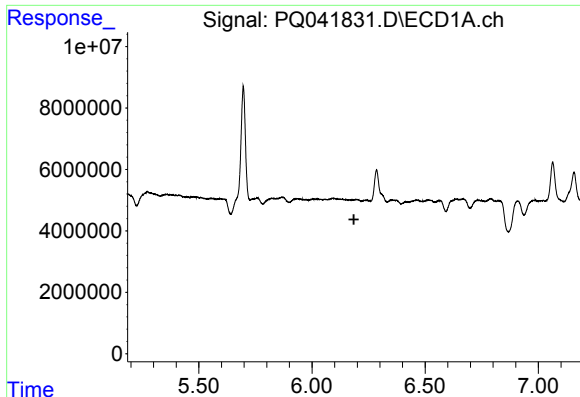
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

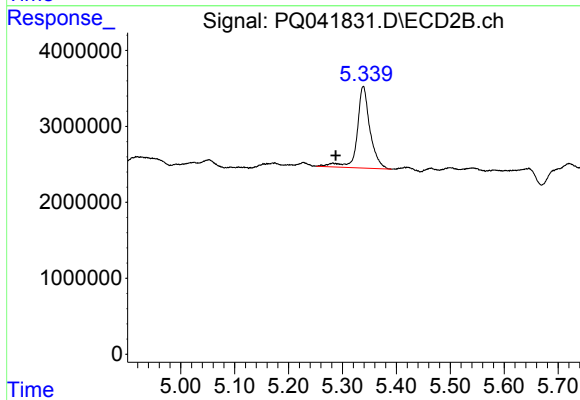
R.T.: 5.339 min
Delta R.T.: 0.052 min
Response: 17791255
Conc: 326.25 ng/ml



#11 AR-1232-1

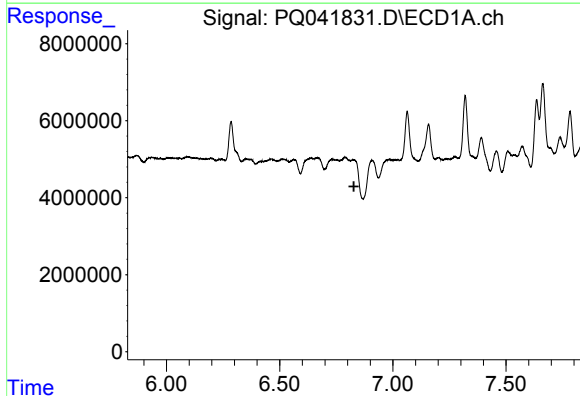
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



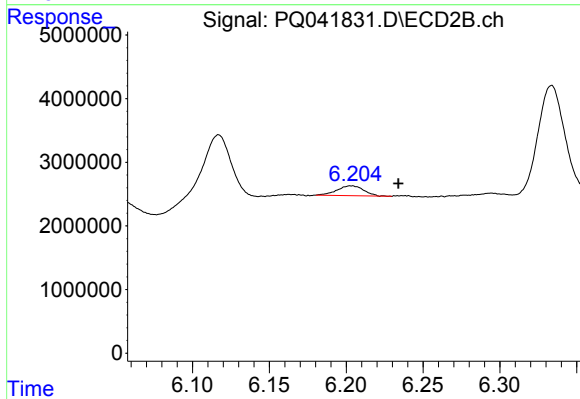
#11 AR-1232-1

R.T.: 5.339 min
Delta R.T.: 0.051 min
Response: 17791255
Conc: 368.44 ng/ml



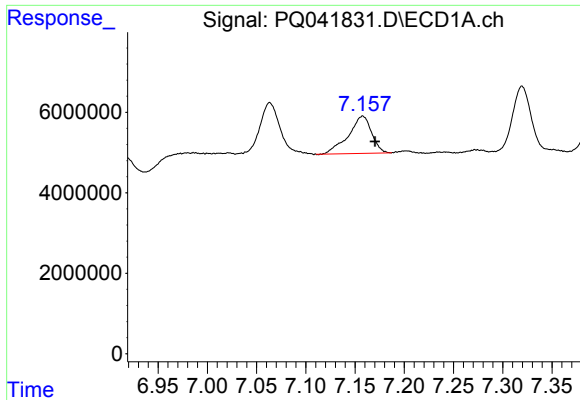
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.828 min
Response: 0
Conc: N.D.



#12 AR-1232-2

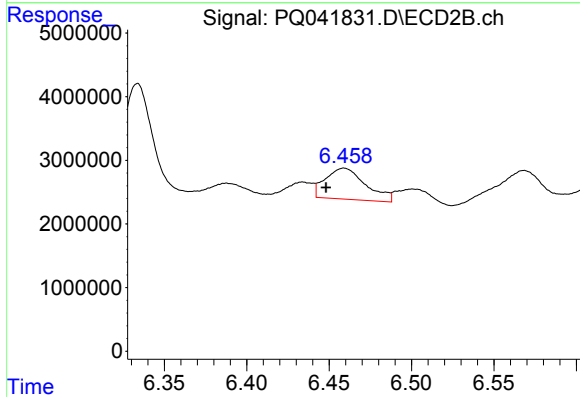
R.T.: 6.203 min
Delta R.T.: -0.031 min
Response: 1877520
Conc: 32.92 ng/ml



#13 AR-1232-3

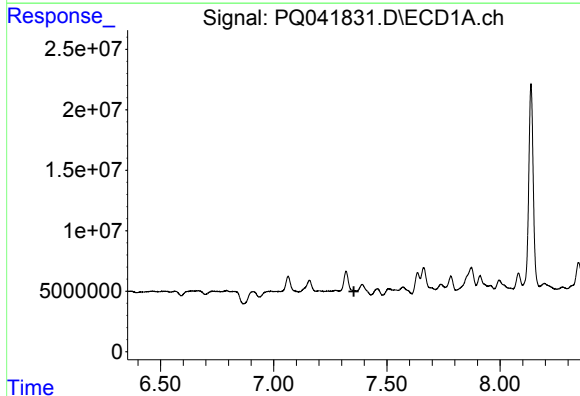
R.T.: 7.158 min
Delta R.T.: -0.012 min
Response: 15256933
Conc: 228.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



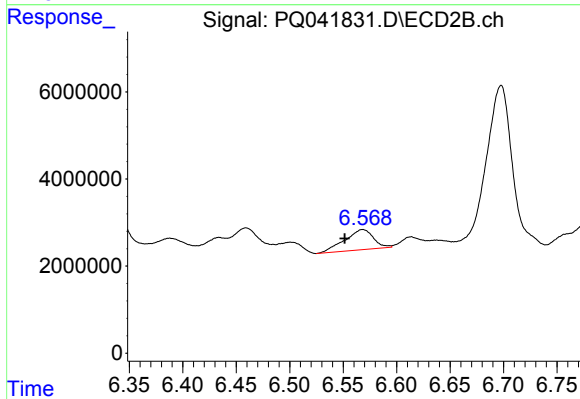
#13 AR-1232-3

R.T.: 6.459 min
Delta R.T.: 0.011 min
Response: 8278798
Conc: 277.63 ng/ml



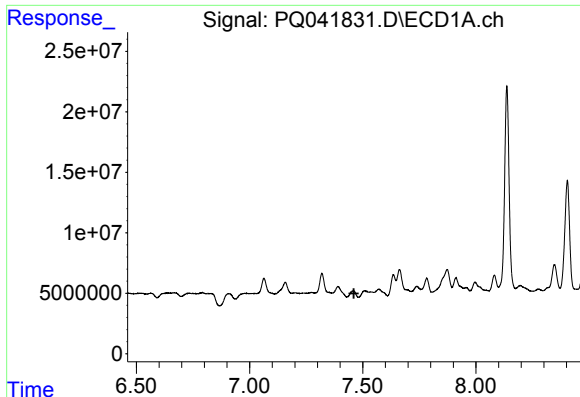
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.354 min
Response: 0
Conc: N.D.



#14 AR-1232-4

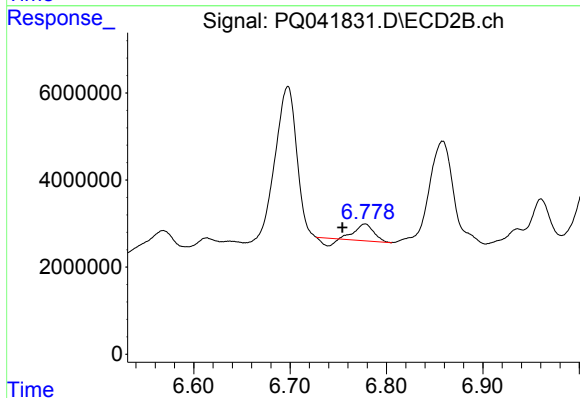
R.T.: 6.568 min
Delta R.T.: 0.017 min
Response: 8692363
Conc: 325.60 ng/ml



#15 AR-1232-5

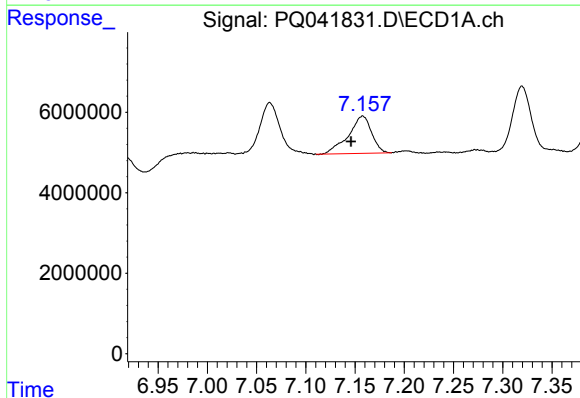
R.T.: 0.000 min
Exp R.T.: 7.461 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



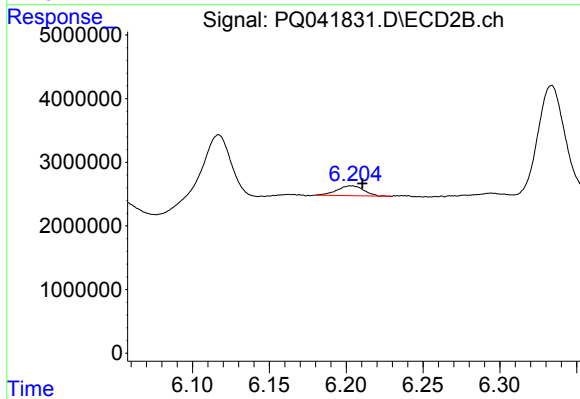
#15 AR-1232-5

R.T.: 6.778 min
Delta R.T.: 0.024 min
Response: 4329272
Conc: 147.63 ng/ml



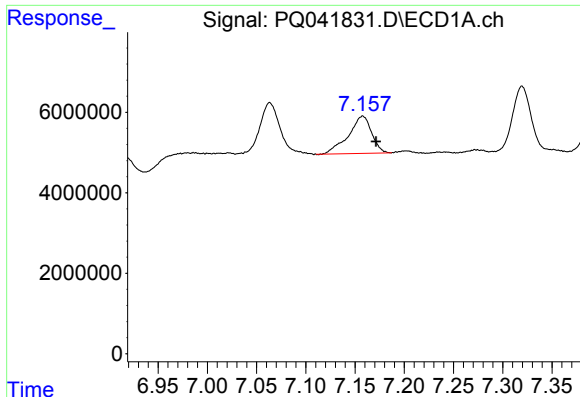
#16 AR-1242-1

R.T.: 7.158 min
Delta R.T.: 0.012 min
Response: 15256933
Conc: 170.57 ng/ml



#16 AR-1242-1

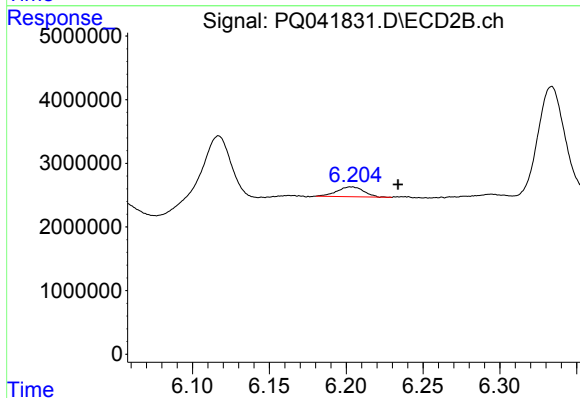
R.T.: 6.203 min
Delta R.T.: -0.007 min
Response: 1877520
Conc: 22.94 ng/ml



#17 AR-1242-2

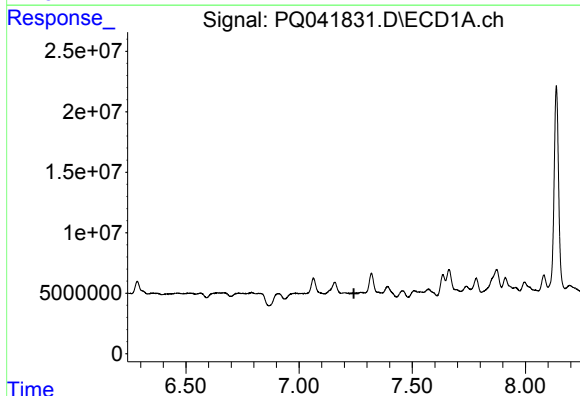
R.T.: 7.158 min
Delta R.T.: -0.014 min
Response: 15256933
Conc: 118.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



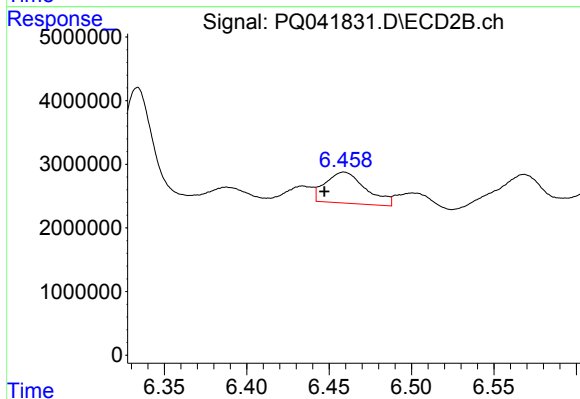
#17 AR-1242-2

R.T.: 6.203 min
Delta R.T.: -0.030 min
Response: 1877520
Conc: 16.62 ng/ml



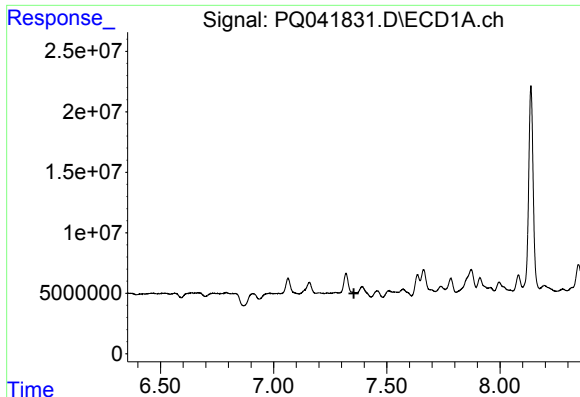
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.242 min
Response: 0
Conc: N.D.



#18 AR-1242-3

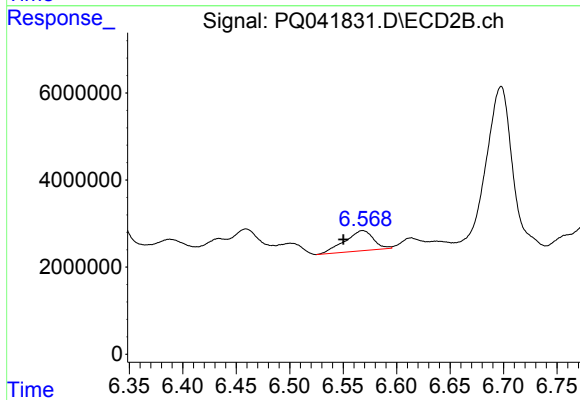
R.T.: 6.459 min
Delta R.T.: 0.012 min
Response: 8278798
Conc: 140.15 ng/ml



#19 AR-1242-4

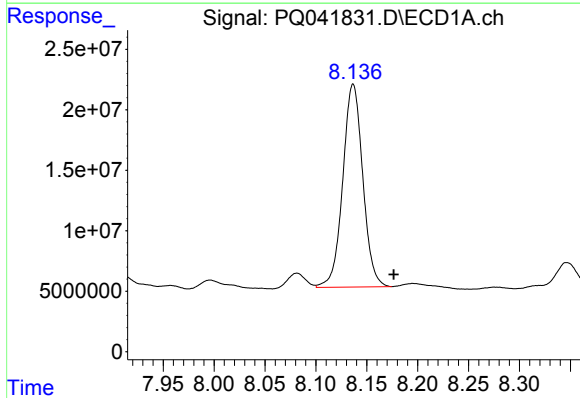
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



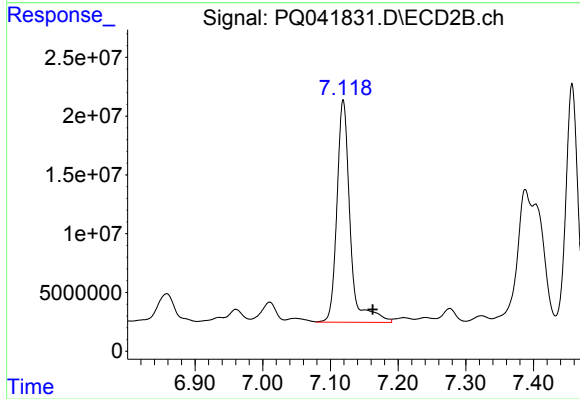
#19 AR-1242-4

R.T.: 6.568 min
Delta R.T.: 0.018 min
Response: 8692363
Conc: 146.59 ng/ml



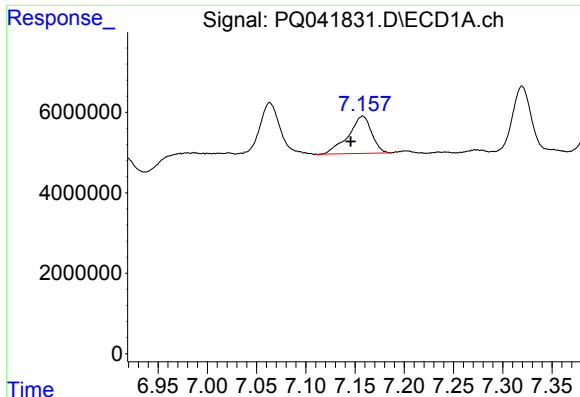
#20 AR-1242-5

R.T.: 8.137 min
Delta R.T.: -0.040 min
Response: 229636546
Conc: 2588.16 ng/ml



#20 AR-1242-5

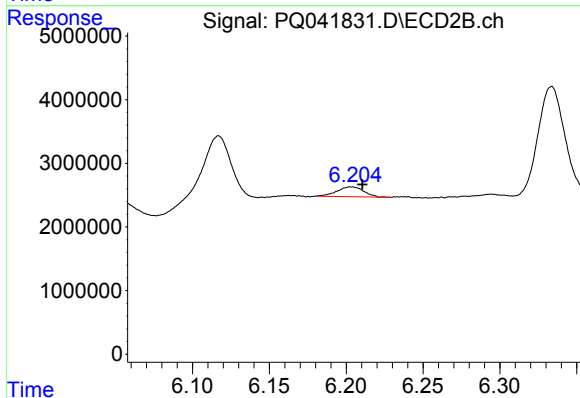
R.T.: 7.119 min
Delta R.T.: -0.043 min
Response: 255929824
Conc: 2882.28 ng/ml



#21 AR-1248-1

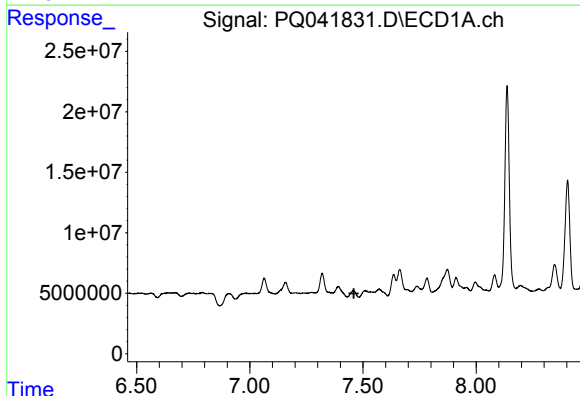
R.T.: 7.158 min
Delta R.T.: 0.012 min
Response: 15256933
Conc: 205.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



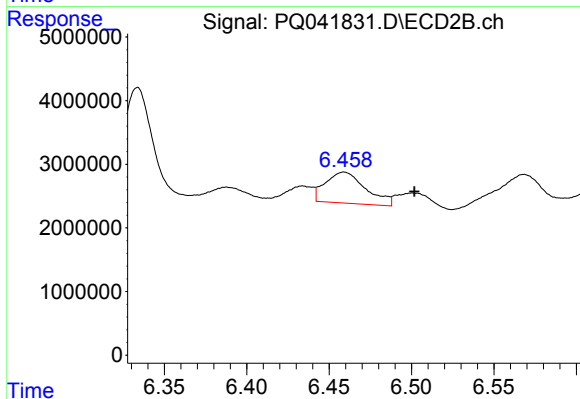
#21 AR-1248-1

R.T.: 6.203 min
Delta R.T.: -0.007 min
Response: 1877520
Conc: 28.32 ng/ml



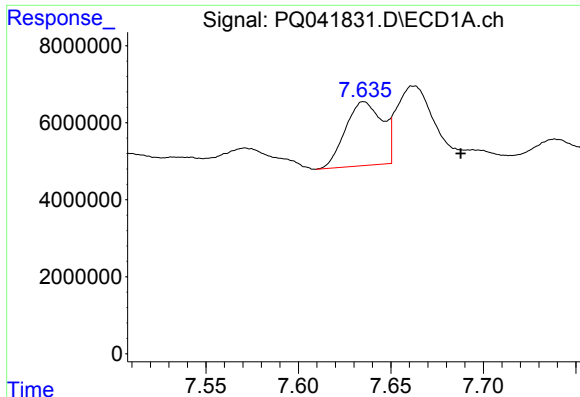
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 7.460 min
Response: 0
Conc: N.D.



#22 AR-1248-2

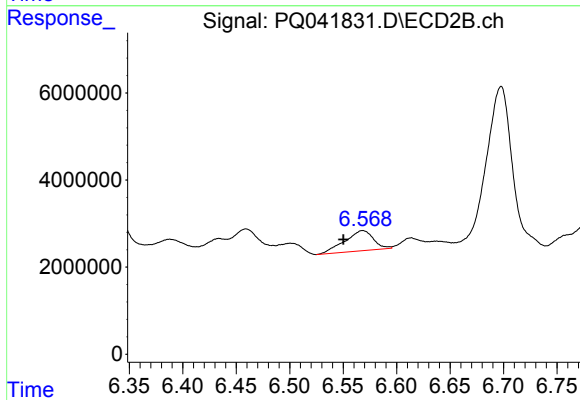
R.T.: 6.459 min
Delta R.T.: -0.043 min
Response: 8278798
Conc: 94.95 ng/ml



#23 AR-1248-3

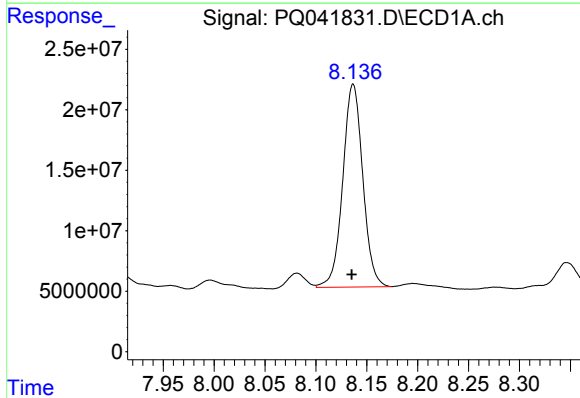
R.T.: 7.635 min
Delta R.T.: -0.052 min
Response: 23289134
Conc: 207.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



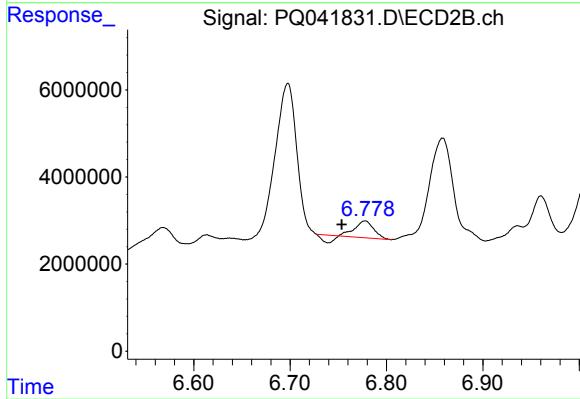
#23 AR-1248-3

R.T.: 6.568 min
Delta R.T.: 0.018 min
Response: 8692363
Conc: 97.39 ng/ml



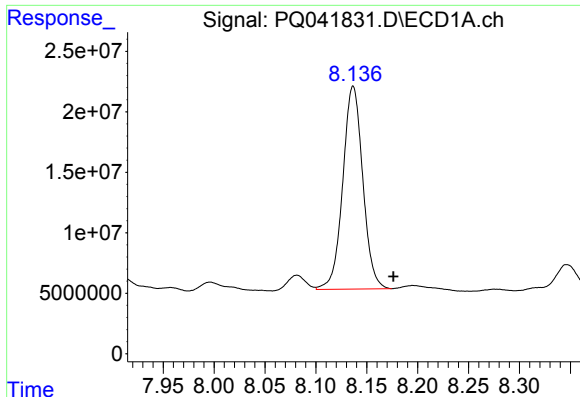
#24 AR-1248-4

R.T.: 8.137 min
Delta R.T.: 0.002 min
Response: 229636546
Conc: 1468.66 ng/ml



#24 AR-1248-4

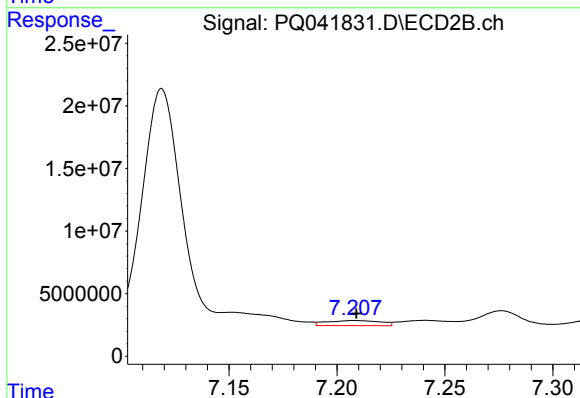
R.T.: 6.778 min
Delta R.T.: 0.024 min
Response: 4329272
Conc: 39.31 ng/ml



#25 AR-1248-5

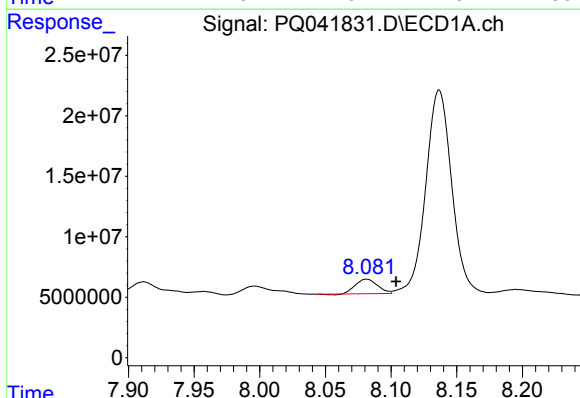
R.T.: 8.137 min
Delta R.T.: -0.040 min
Response: 229636546
Conc: 1517.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



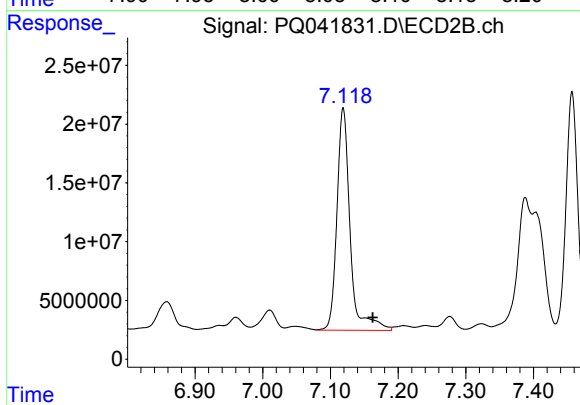
#25 AR-1248-5

R.T.: 7.208 min
Delta R.T.: 0.000 min
Response: 7182609
Conc: 56.04 ng/ml



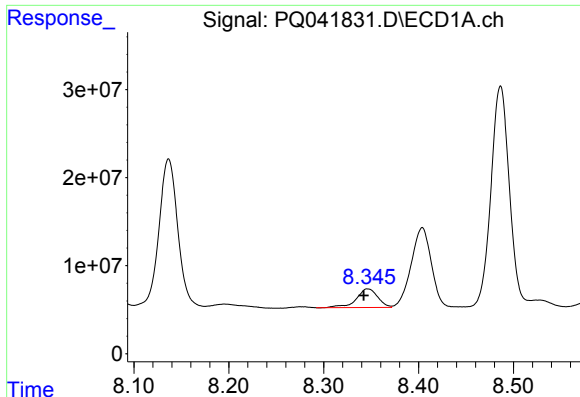
#26 AR-1254-1

R.T.: 8.081 min
Delta R.T.: -0.022 min
Response: 13977584
Conc: 100.48 ng/ml



#26 AR-1254-1

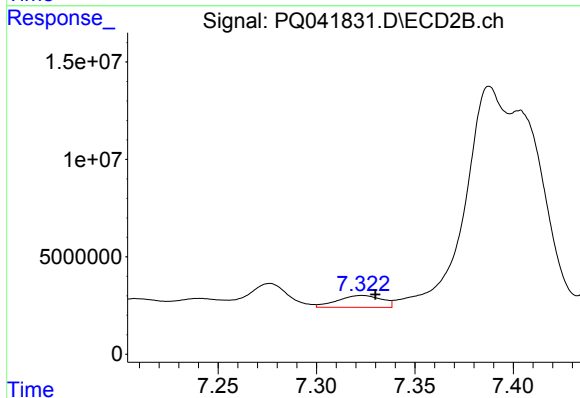
R.T.: 7.119 min
Delta R.T.: -0.043 min
Response: 255929824
Conc: 1399.41 ng/ml



#27 AR-1254-2

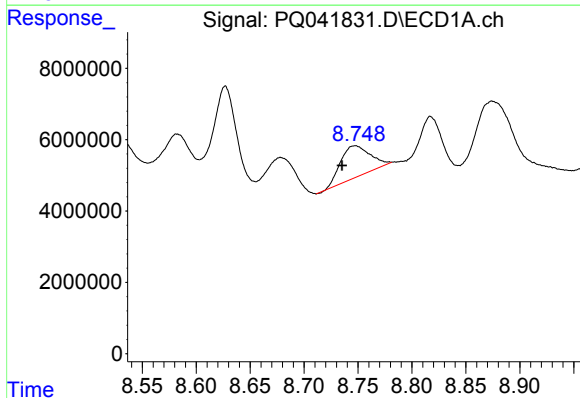
R.T.: 8.346 min
Delta R.T.: 0.004 min
Response: 33027568
Conc: 144.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



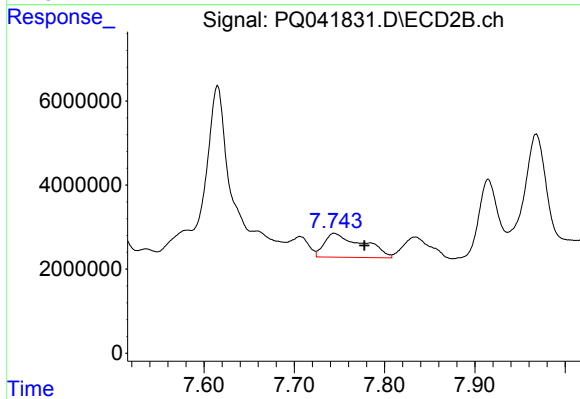
#27 AR-1254-2

R.T.: 7.323 min
Delta R.T.: -0.007 min
Response: 9524410
Conc: 58.84 ng/ml



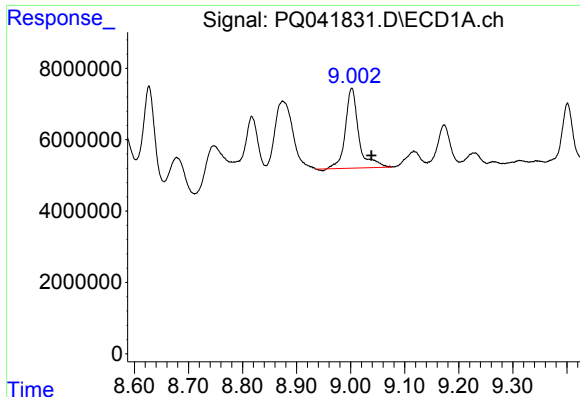
#28 AR-1254-3

R.T.: 8.747 min
Delta R.T.: 0.012 min
Response: 16821339
Conc: 61.52 ng/ml



#28 AR-1254-3

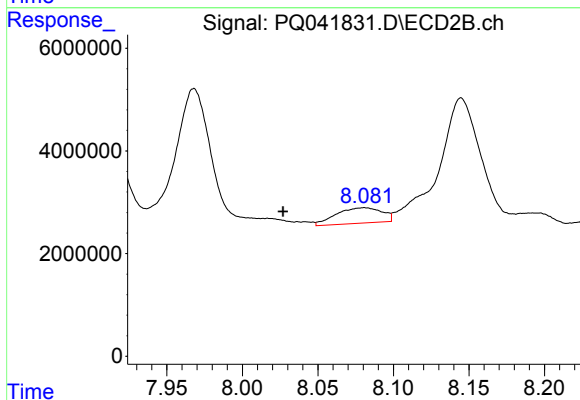
R.T.: 7.744 min
Delta R.T.: -0.034 min
Response: 16885132
Conc: 58.55 ng/ml



#29 AR-1254-4

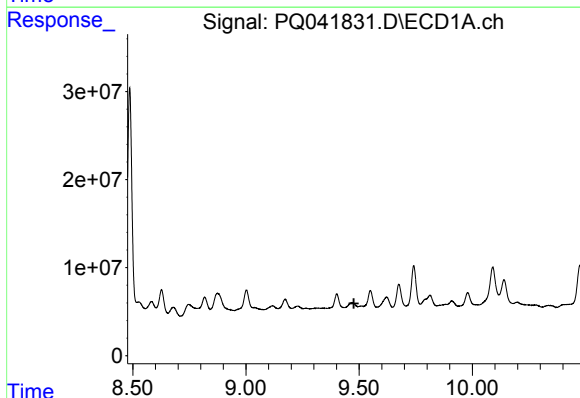
R.T.: 9.002 min
Delta R.T.: -0.037 min
Response: 38270876
Conc: 155.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



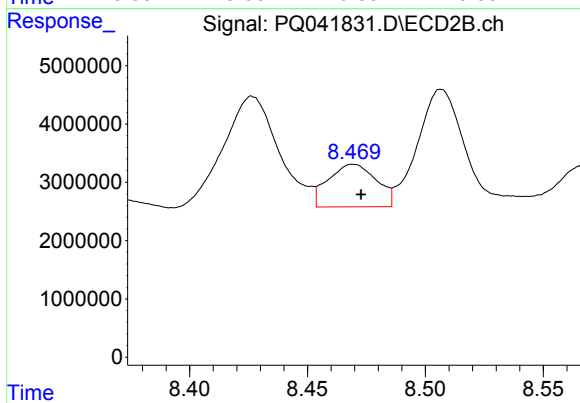
#29 AR-1254-4

R.T.: 8.081 min
Delta R.T.: 0.054 min
Response: 6370735
Conc: 29.35 ng/ml



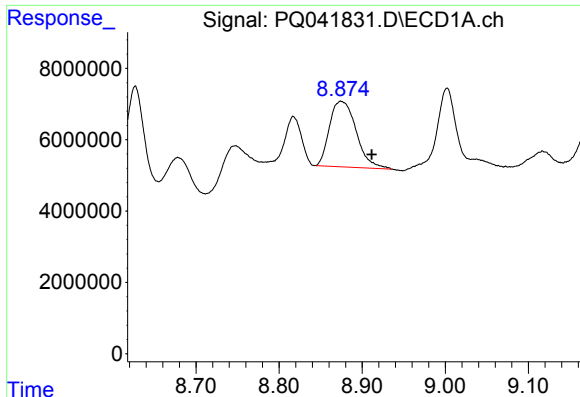
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 9.477 min
Response: 0
Conc: N.D.



#30 AR-1254-5

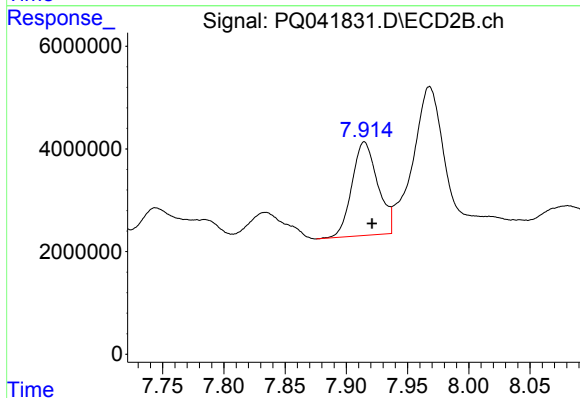
R.T.: 8.469 min
Delta R.T.: -0.003 min
Response: 10380525
Conc: 34.51 ng/ml



#31 AR-1260-1

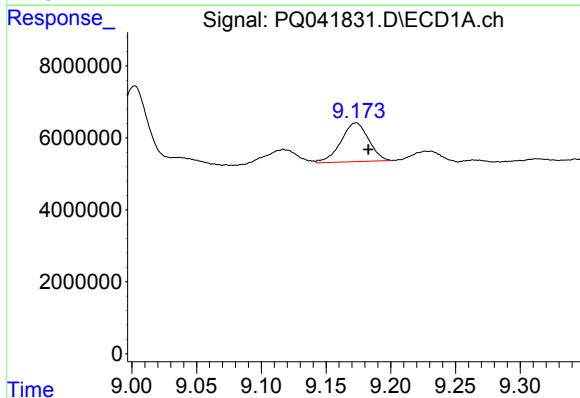
R.T.: 8.874 min
Delta R.T.: -0.037 min
Response: 41040888
Conc: 230.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



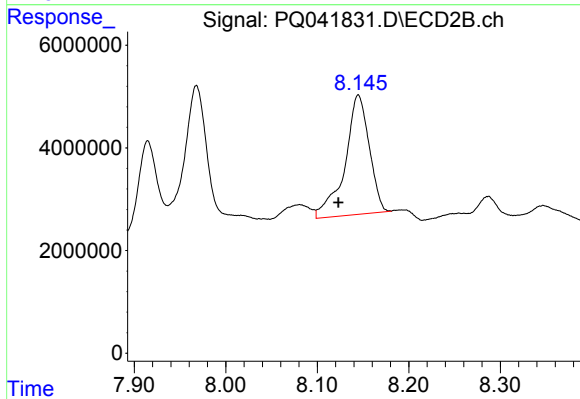
#31 AR-1260-1

R.T.: 7.915 min
Delta R.T.: -0.006 min
Response: 26781124
Conc: 147.61 ng/ml



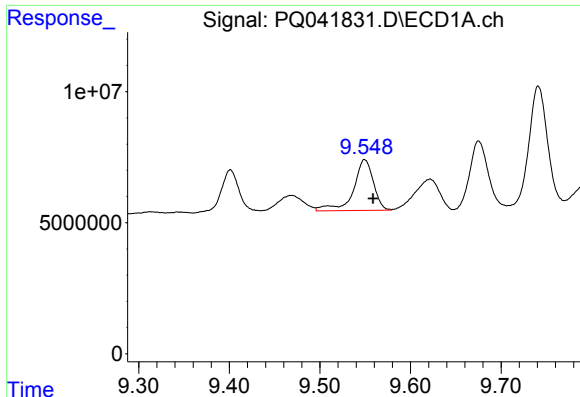
#32 AR-1260-2

R.T.: 9.173 min
Delta R.T.: -0.010 min
Response: 16055253
Conc: 63.64 ng/ml



#32 AR-1260-2

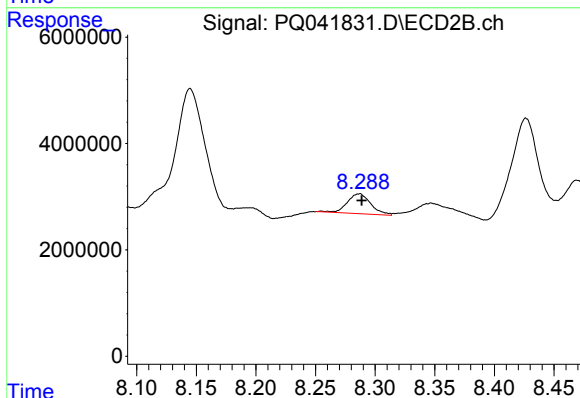
R.T.: 8.145 min
Delta R.T.: 0.022 min
Response: 42755304
Conc: 174.27 ng/ml



#33 AR-1260-3

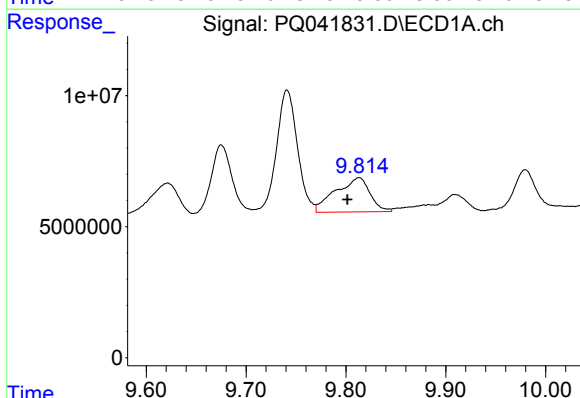
R.T.: 9.549 min
Delta R.T.: -0.009 min
Response: 29765225
Conc: 129.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



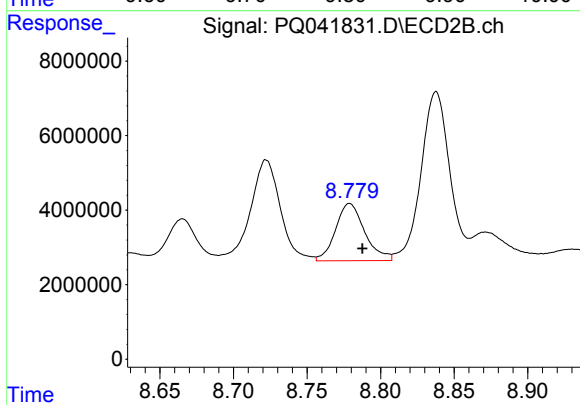
#33 AR-1260-3

R.T.: 8.287 min
Delta R.T.: -0.002 min
Response: 5110798
Conc: 24.02 ng/ml



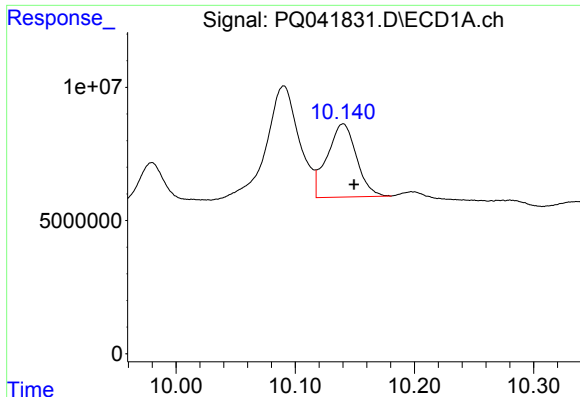
#34 AR-1260-4

R.T.: 9.813 min
Delta R.T.: 0.012 min
Response: 31210445
Conc: 122.23 ng/ml



#34 AR-1260-4

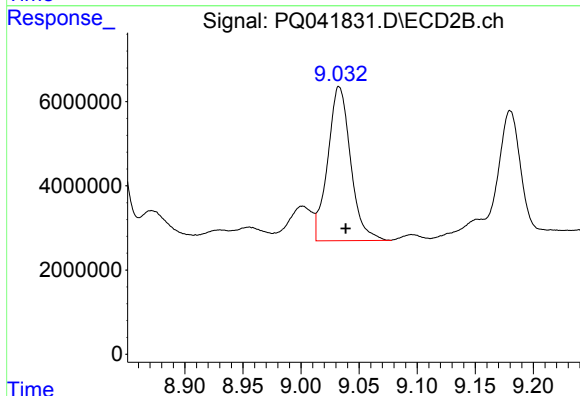
R.T.: 8.779 min
Delta R.T.: -0.009 min
Response: 21208281
Conc: 104.84 ng/ml



#35 AR-1260-5

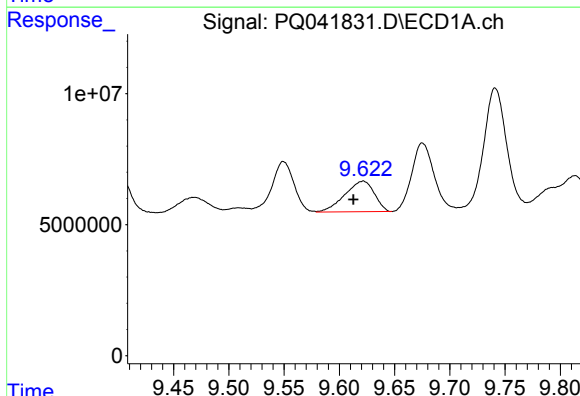
R.T.: 10.140 min
Delta R.T.: -0.009 min
Response: 46912466
Conc: 69.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



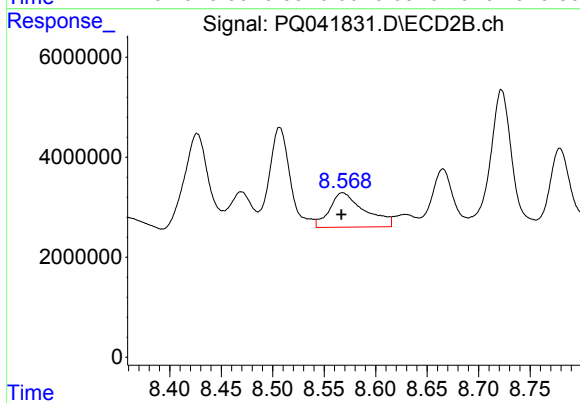
#35 AR-1260-5

R.T.: 9.033 min
Delta R.T.: -0.006 min
Response: 50142567
Conc: 84.96 ng/ml



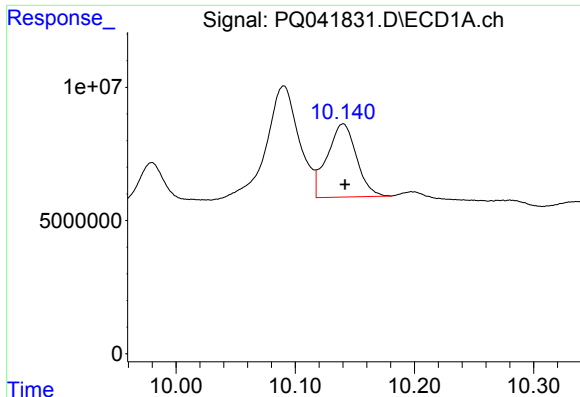
#36 AR-1262-1

R.T.: 9.622 min
Delta R.T.: 0.009 min
Response: 21740781
Conc: 141.45 ng/ml



#36 AR-1262-1

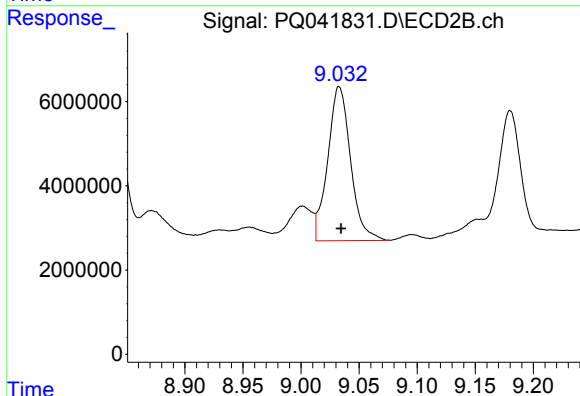
R.T.: 8.568 min
Delta R.T.: 0.001 min
Response: 16351641
Conc: 113.98 ng/ml



#37 AR-1262-2

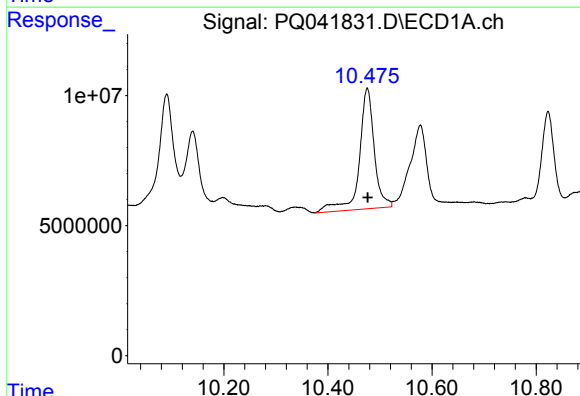
R.T.: 10.140 min
Delta R.T.: -0.002 min
Response: 46912466
Conc: 53.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



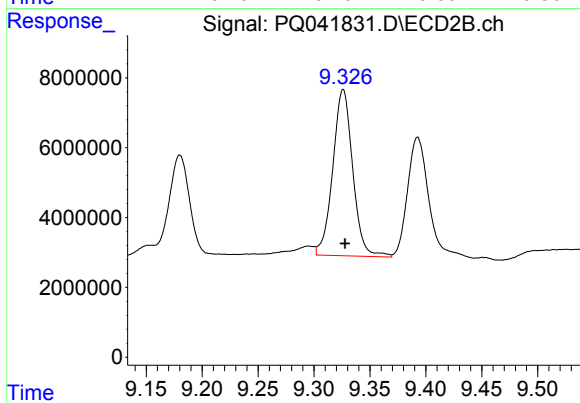
#37 AR-1262-2

R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 50142567
Conc: 67.66 ng/ml



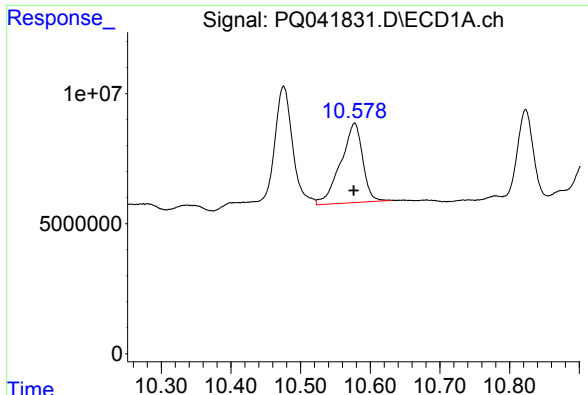
#38 AR-1262-3

R.T.: 10.476 min
Delta R.T.: 0.000 min
Response: 93000876
Conc: 146.46 ng/ml



#38 AR-1262-3

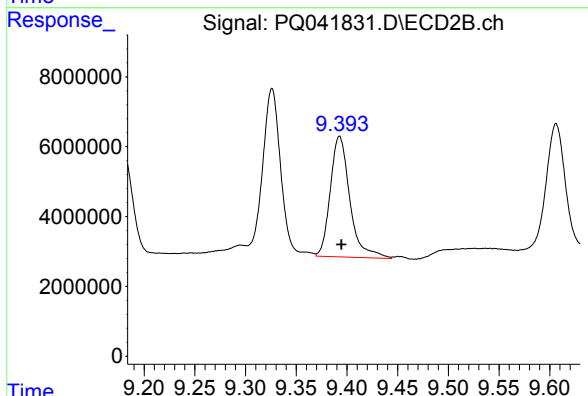
R.T.: 9.326 min
Delta R.T.: -0.002 min
Response: 59104811
Conc: 186.82 ng/ml



#39 AR-1262-4

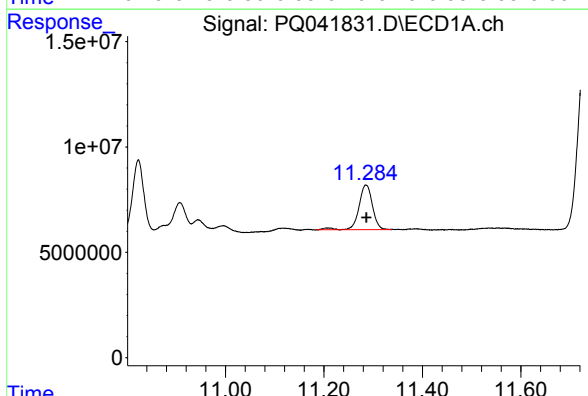
R.T.: 10.578 min
Delta R.T.: 0.001 min
Response: 66858077
Conc: 133.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



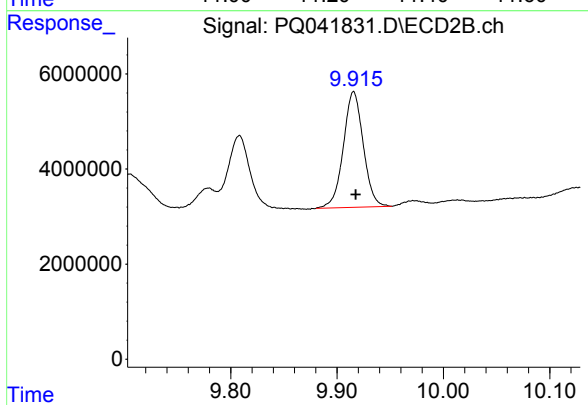
#39 AR-1262-4

R.T.: 9.393 min
Delta R.T.: -0.002 min
Response: 46310507
Conc: 82.35 ng/ml



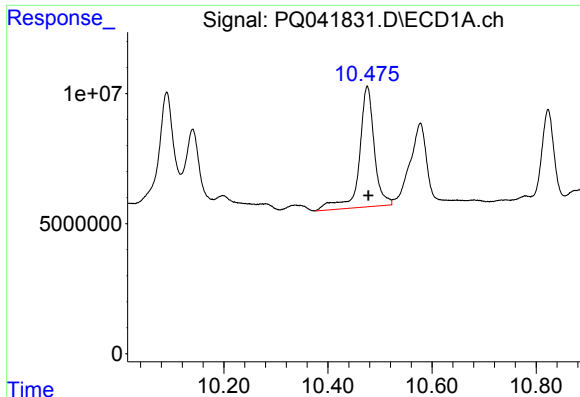
#40 AR-1262-5

R.T.: 11.285 min
Delta R.T.: -0.001 min
Response: 40454314
Conc: 99.37 ng/ml



#40 AR-1262-5

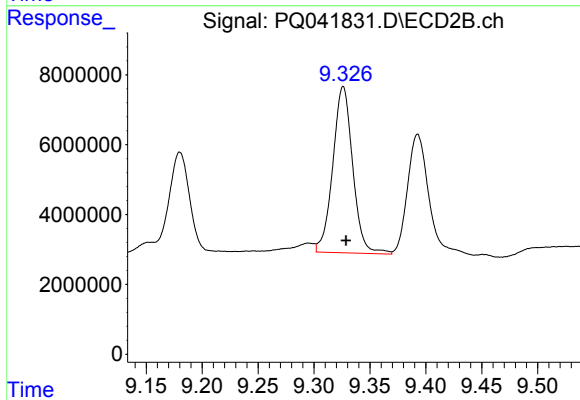
R.T.: 9.916 min
Delta R.T.: -0.002 min
Response: 31721300
Conc: 111.07 ng/ml



#41 AR-1268-1

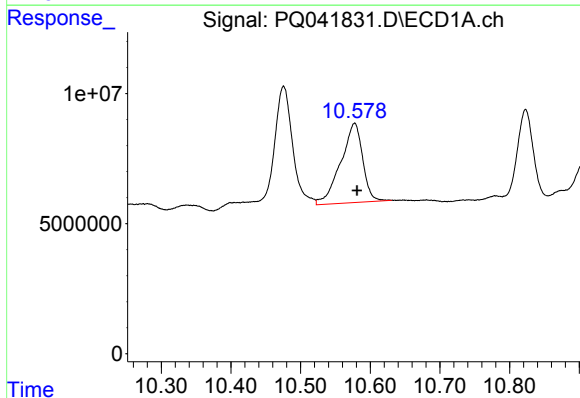
R.T.: 10.476 min
Delta R.T.: -0.002 min
Response: 93000876
Conc: 65.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



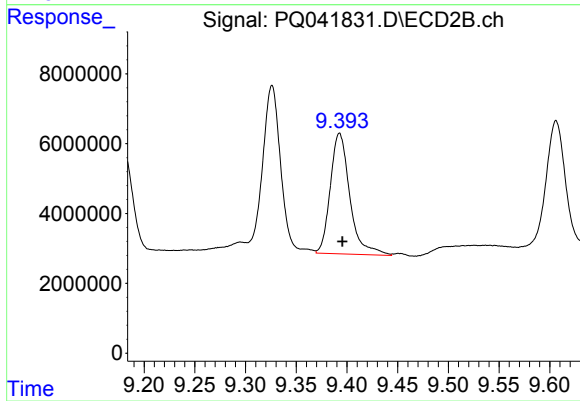
#41 AR-1268-1

R.T.: 9.326 min
Delta R.T.: -0.003 min
Response: 59104811
Conc: 51.70 ng/ml



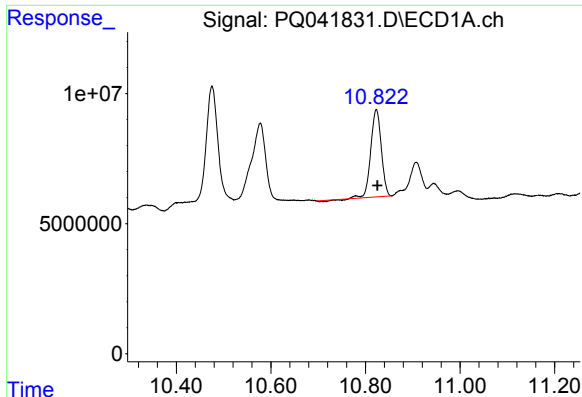
#42 AR-1268-2

R.T.: 10.578 min
Delta R.T.: -0.004 min
Response: 66858077
Conc: 50.69 ng/ml



#42 AR-1268-2

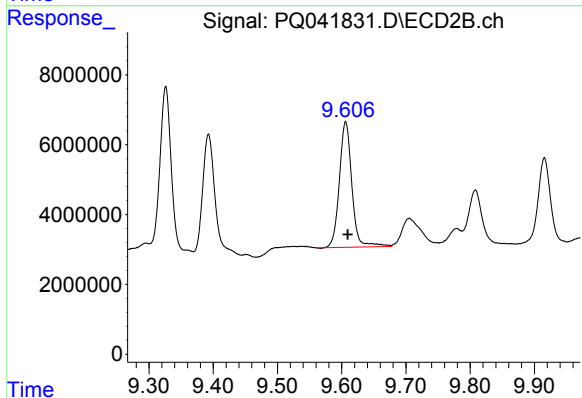
R.T.: 9.393 min
Delta R.T.: -0.003 min
Response: 46310507
Conc: 45.11 ng/ml



#43 AR-1268-3

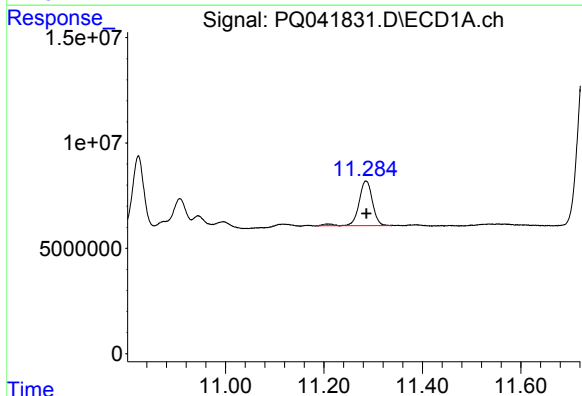
R.T.: 10.823 min
Delta R.T.: -0.002 min
Response: 51202116
Conc: 43.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



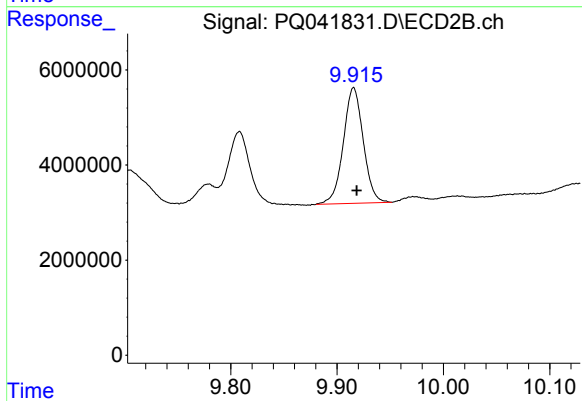
#43 AR-1268-3

R.T.: 9.606 min
Delta R.T.: -0.003 min
Response: 48601418
Conc: 55.93 ng/ml



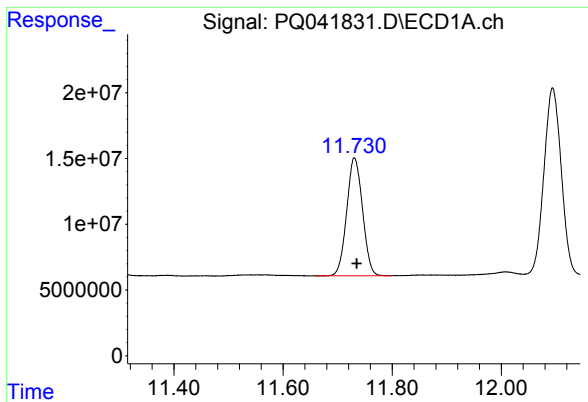
#44 AR-1268-4

R.T.: 11.285 min
Delta R.T.: 0.000 min
Response: 40454314
Conc: 74.31 ng/ml



#44 AR-1268-4

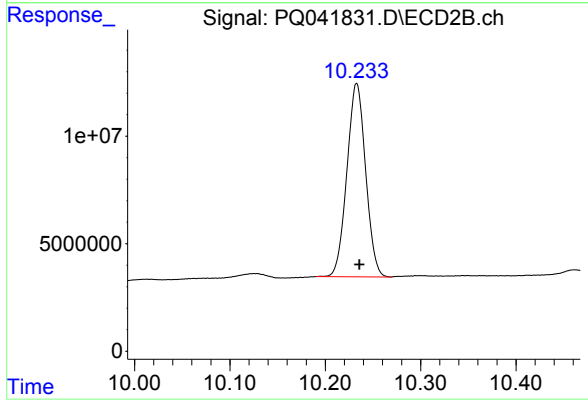
R.T.: 9.916 min
Delta R.T.: -0.003 min
Response: 31721300
Conc: 82.46 ng/ml



#45 AR-1268-5

R.T.: 11.731 min
Delta R.T.: -0.004 min
Response: 180628365
Conc: 44.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.233 min
Delta R.T.: -0.003 min
Response: 122792848
Conc: 47.27 ng/ml