

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101619\
 Data File : PQ044409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2019 11:28
 Operator : HP\AJ
 Sample : K5322-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ESP12DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 01:12:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 02:55:10 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...	5.326	4.350	7889159	9003594	2.029	2.017
2)	SA Decachlor...	11.618	9.804	57799190	63559644	10.788	10.626
Target Compounds							
3)	L1 AR-1016-1	6.650	5.635	6842237	5281810	60.291	38.505 #
4)	L1 AR-1016-2	6.650	5.655	6842237	7320560	42.411	33.060
5)	L1 AR-1016-3	6.742	5.858	4590717	8680824	45.102	83.184 #
6)	L1 AR-1016-4	6.848	5.900	9383152	38849259	113.559	415.704 #
7)	L1 AR-1016-5	7.166	6.137	33209369	56927469	439.070	465.551
12)	L3 AR-1232-2	6.354	5.655	4595496	7320560	118.303	69.409 #
13)	L3 AR-1232-3	6.675	5.858	10831582	8680824	141.190	175.661
14)	L3 AR-1232-4	6.848	5.945	9383152	19176101	247.374	406.604 #
15)	L3 AR-1232-5	6.946	6.137	33670113	56927469	1194.171	1041.417
16)	L4 AR-1242-1	6.650	5.635	6842237	5281810	70.084	44.562 #
17)	L4 AR-1242-2	6.650	5.655	6842237	7320560	49.191	38.804
18)	L4 AR-1242-3	6.742	5.858	4590717	8680824	51.655	93.858 #
19)	L4 AR-1242-4	6.848	5.945	9383152	19176101	131.361	195.100 #
20)	L4 AR-1242-5	7.639	6.520	103.5E6	111.5E6	1361.331	874.864 #
21)	L5 AR-1248-1	6.650	5.635	6842237	5281810	93.248	58.329 #
22)	L5 AR-1248-2	6.946	5.900	33670113	38849259	339.896	280.287
23)	L5 AR-1248-3	7.166	5.945	33209369	19176101	307.498	135.592 #
24)	L5 AR-1248-4	7.596	6.137	39909720	56927469	316.991	331.426
25)	L5 AR-1248-5	7.639	6.560	103.5E6	65912316	854.779	393.696 #
26)	L6 AR-1254-1	7.569	6.520	117.8E6	111.5E6	875.124	382.216 #
27)	L6 AR-1254-2	7.799	6.679	167.1E6	151.0E6	782.064	578.191 #
28)	L6 AR-1254-3	8.184	7.108	207.9E6	323.0E6	845.070	739.184
29)	L6 AR-1254-4	8.481	7.348	150.2E6	155.5E6	748.896	578.952
30)	L6 AR-1254-5	8.916	7.784	198.5E6	341.9E6	829.509	855.090
31)	L7 AR-1260-1	8.354	7.245	96881179	212.0E6	643.586	871.901 #
32)	L7 AR-1260-2	8.619	7.441	137.9E6	229.8E6	700.816	761.162
33)	L7 AR-1260-3	8.992	7.602	46303090	178.1E6	288.794	632.968 #
34)	L7 AR-1260-4	9.234	8.090	98267488	60087242	503.280	238.848 #
35)	L7 AR-1260-5	9.595	8.337	92254825	200.7E6	201.789	313.133 #
36)	L8 AR-1262-1	9.054	7.784	14820324	341.9E6	136.458	1752.101 #
37)	L8 AR-1262-2	9.595	8.337	92254825	200.7E6	160.199	253.663 #
38)	L8 AR-1262-3	9.941	8.628	102.6E6	78723412	247.304	248.227
39)	L8 AR-1262-4	10.041	8.693	63359287	192.0E6	201.126	315.070 #
40)	L8 AR-1262-5	10.774	9.213	35758446	41564497	140.676	148.236
41)	L9 AR-1268-1	9.941	8.628	102.6E6	78723412	143.481	81.620 #
42)	L9 AR-1268-2	10.041	8.693	63359287	192.0E6	93.233	211.154 #
43)	L9 AR-1268-3	10.297	8.906	26426326	40888348	46.041	53.978
44)	L9 AR-1268-4	10.774	9.213	35758446	41564497	124.116	127.112
45)	L9 AR-1268-5	11.239	9.527	89357698	105.3E6	41.101	40.427

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Acq On : 16 Oct 2019 11:28
Operator : HP\AJ
Sample : K5322-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ESP12DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 01:12:15 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 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

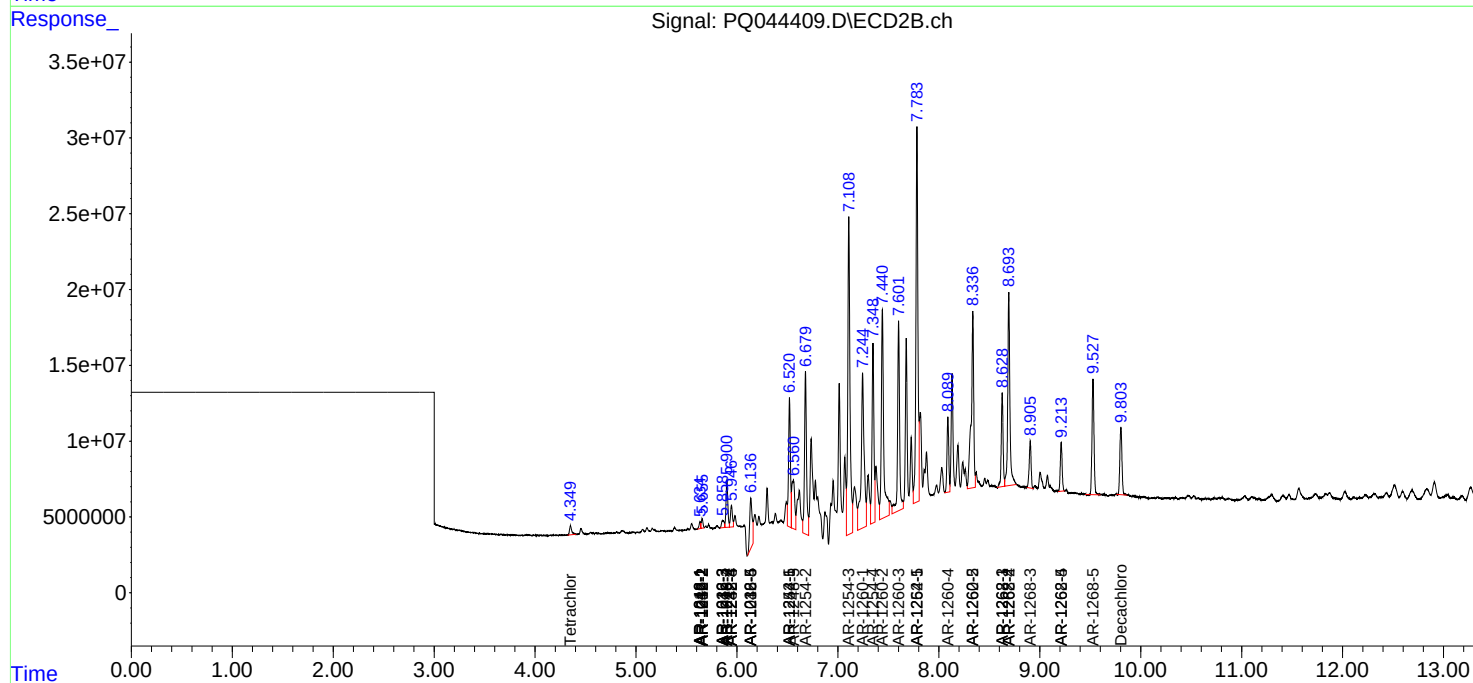
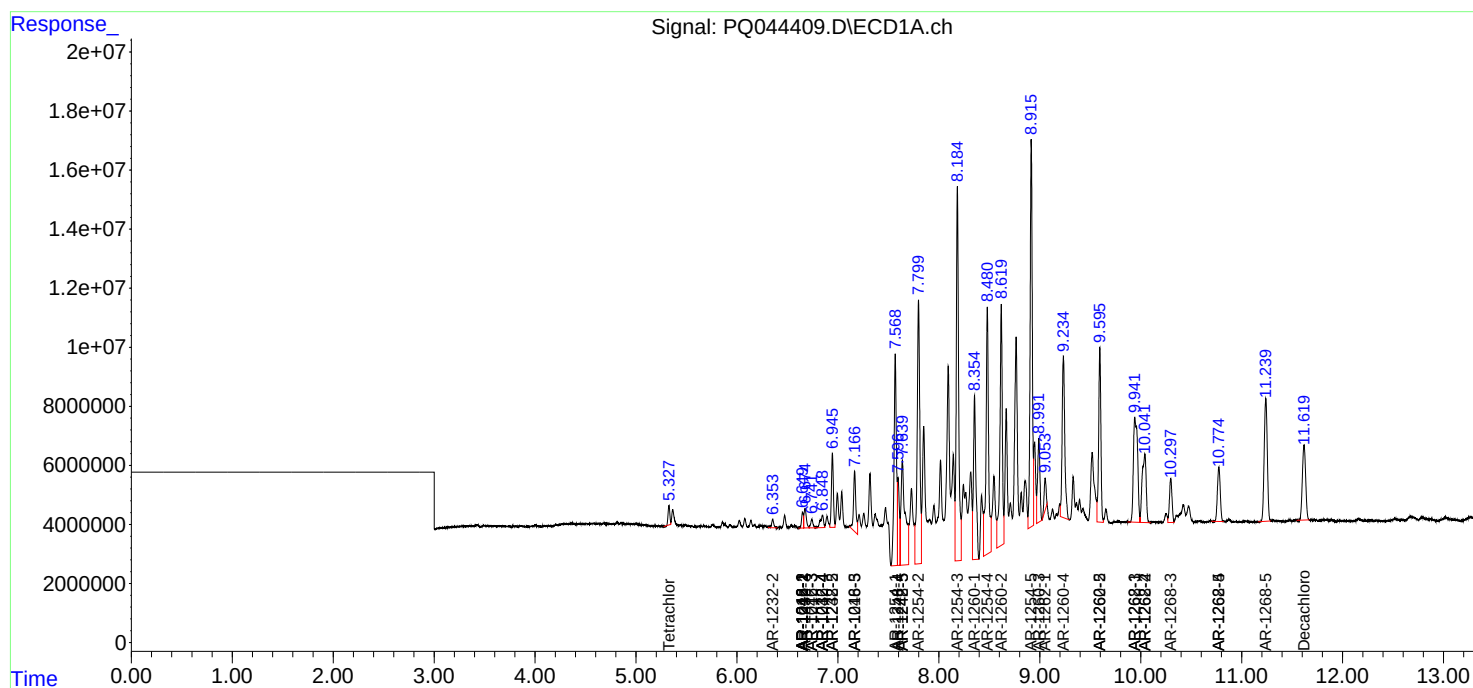
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

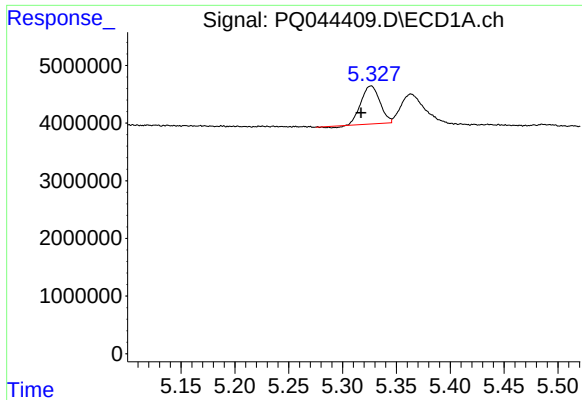
```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101619\  
Data File : PQ044409.D  
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch  
Acq On    : 16 Oct 2019  11:28  
Operator  : HP\AJ  
Sample    : K5322-04DL 5X  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
```

Instrument :
ECD_Q
ClientSampleId :
ESP12DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 01:12:15 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 2019
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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

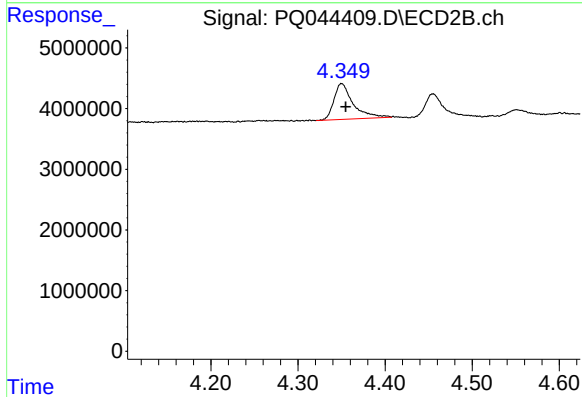




#1 Tetrachloro-m-xylene

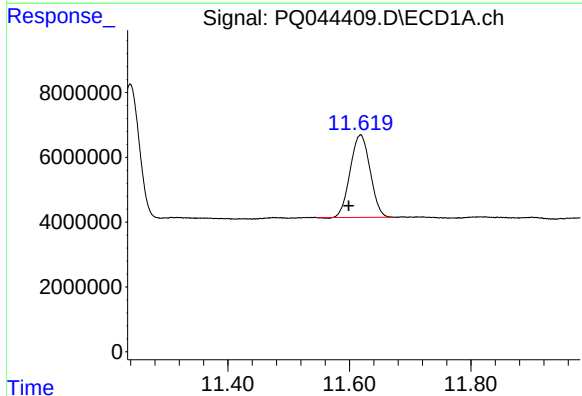
R.T.: 5.326 min
Delta R.T.: 0.009 min
Response: 7889159
Conc: 2.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



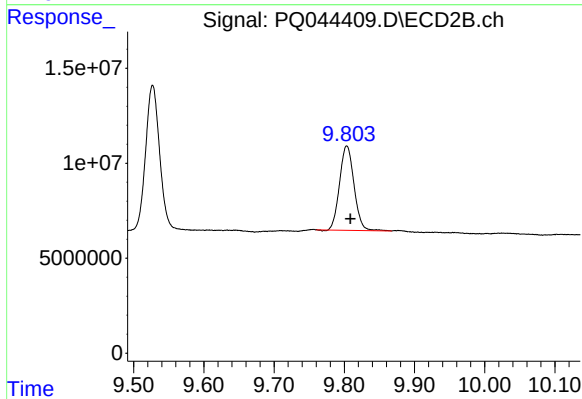
#1 Tetrachloro-m-xylene

R.T.: 4.350 min
Delta R.T.: -0.005 min
Response: 9003594
Conc: 2.02 ng/ml



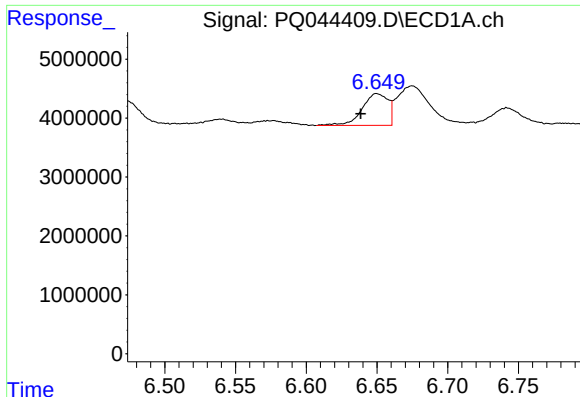
#2 Decachlorobiphenyl

R.T.: 11.618 min
Delta R.T.: 0.019 min
Response: 57799190
Conc: 10.79 ng/ml



#2 Decachlorobiphenyl

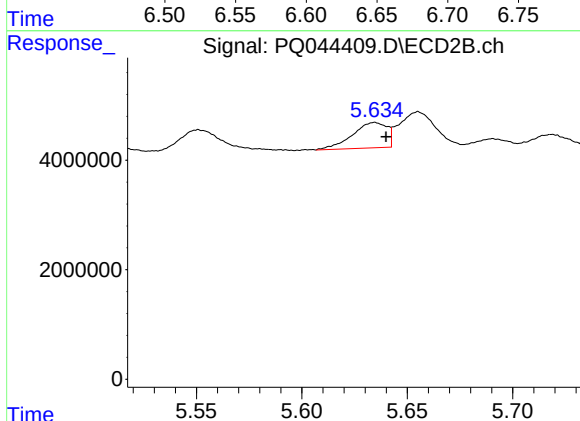
R.T.: 9.804 min
Delta R.T.: -0.005 min
Response: 63559644
Conc: 10.63 ng/ml



#3 AR-1016-1

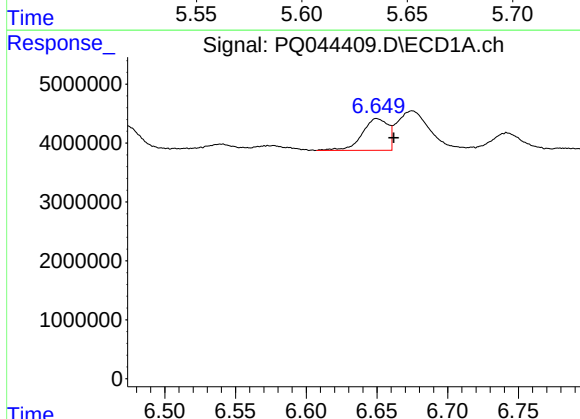
R.T.: 6.650 min
Delta R.T.: 0.011 min
Response: 6842237
Conc: 60.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



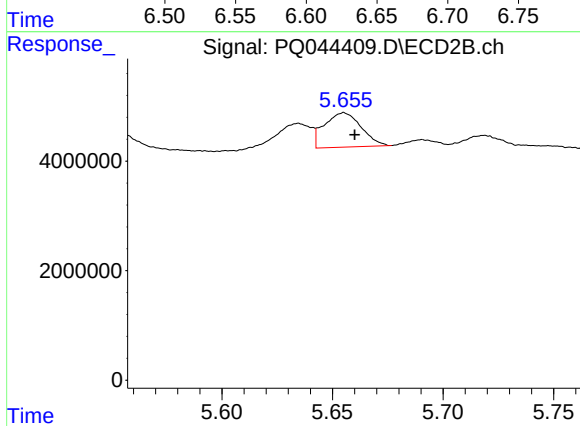
#3 AR-1016-1

R.T.: 5.635 min
Delta R.T.: -0.005 min
Response: 5281810
Conc: 38.50 ng/ml



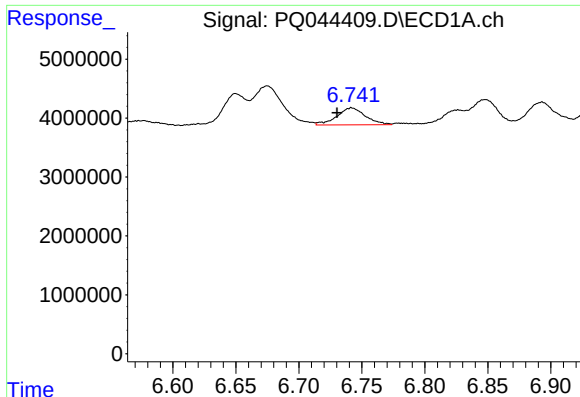
#4 AR-1016-2

R.T.: 6.650 min
Delta R.T.: -0.012 min
Response: 6842237
Conc: 42.41 ng/ml



#4 AR-1016-2

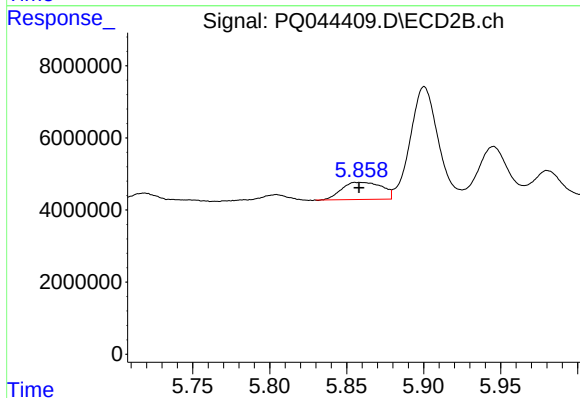
R.T.: 5.655 min
Delta R.T.: -0.005 min
Response: 7320560
Conc: 33.06 ng/ml



#5 AR-1016-3

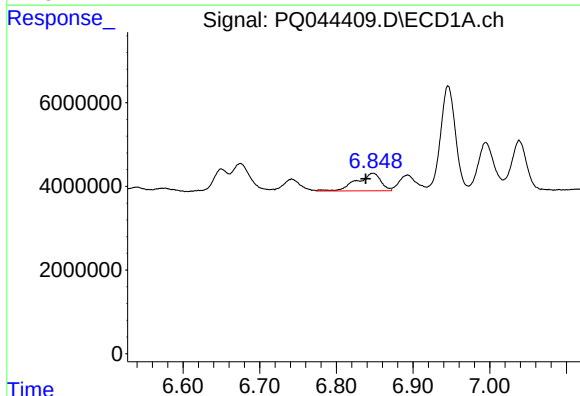
R.T.: 6.742 min
Delta R.T.: 0.012 min
Response: 4590717
Conc: 45.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



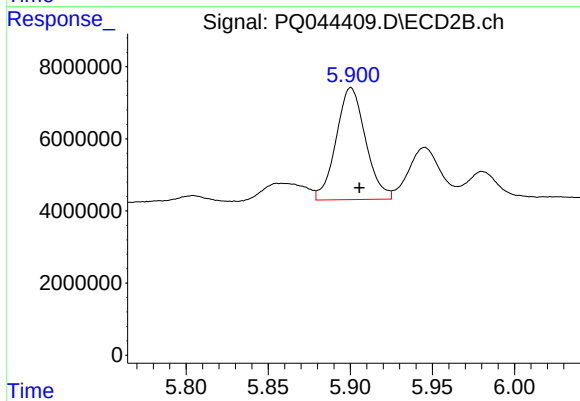
#5 AR-1016-3

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 8680824
Conc: 83.18 ng/ml



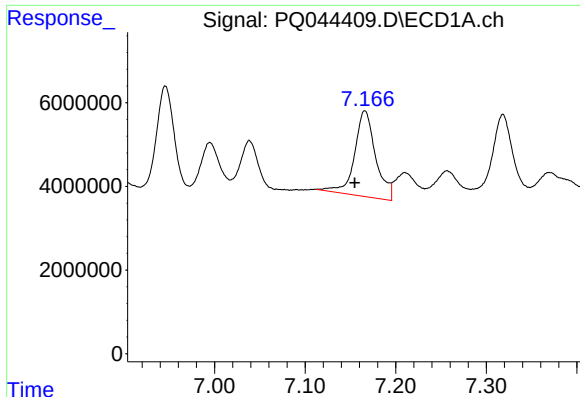
#6 AR-1016-4

R.T.: 6.848 min
Delta R.T.: 0.009 min
Response: 9383152
Conc: 113.56 ng/ml



#6 AR-1016-4

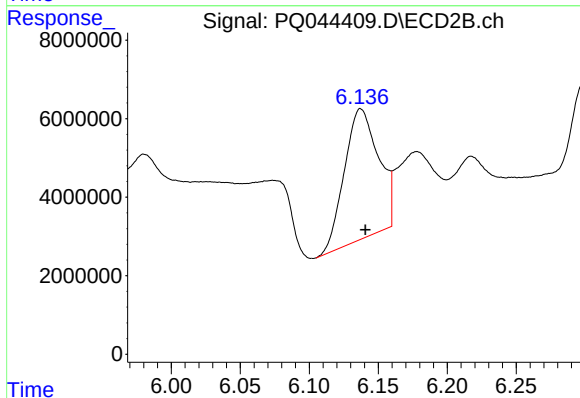
R.T.: 5.900 min
Delta R.T.: -0.005 min
Response: 38849259
Conc: 415.70 ng/ml



#7 AR-1016-5

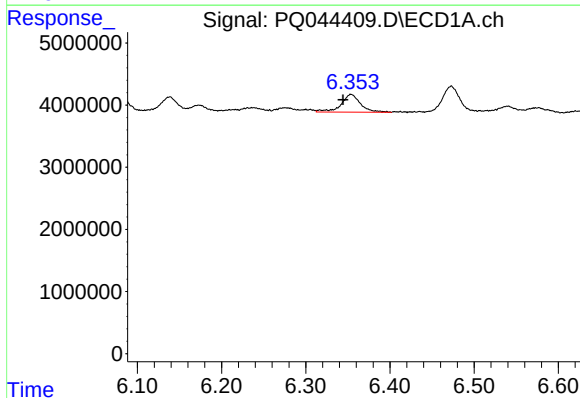
R.T.: 7.166 min
Delta R.T.: 0.011 min
Response: 33209369
Conc: 439.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



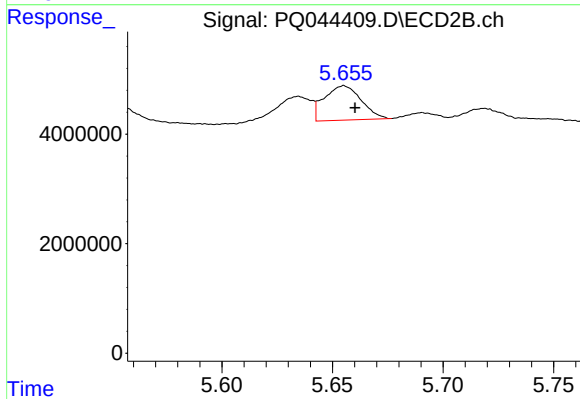
#7 AR-1016-5

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 56927469
Conc: 465.55 ng/ml



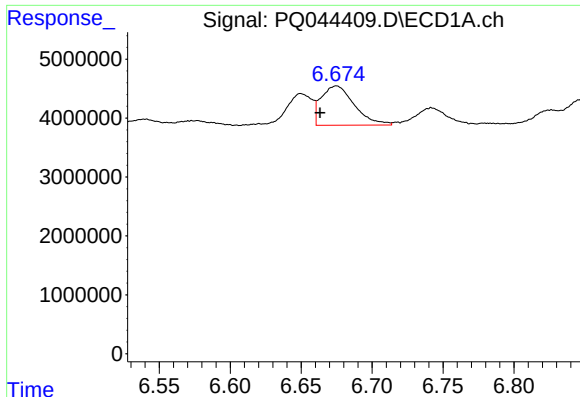
#12 AR-1232-2

R.T.: 6.354 min
Delta R.T.: 0.010 min
Response: 4595496
Conc: 118.30 ng/ml



#12 AR-1232-2

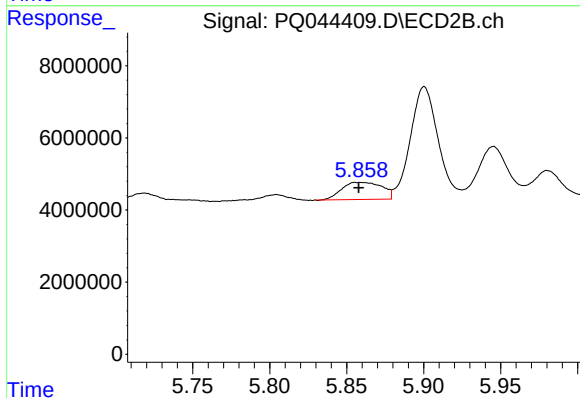
R.T.: 5.655 min
Delta R.T.: -0.005 min
Response: 7320560
Conc: 69.41 ng/ml



#13 AR-1232-3

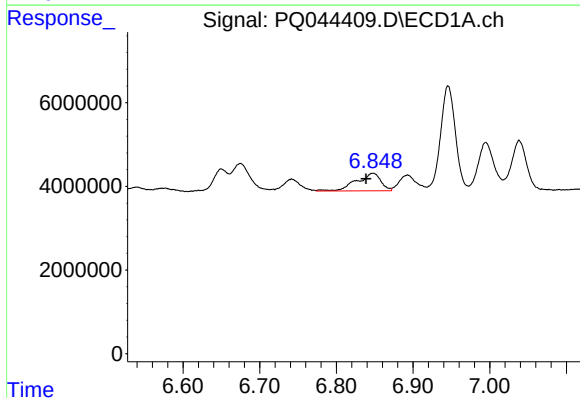
R.T.: 6.675 min
Delta R.T.: 0.012 min
Response: 10831582
Conc: 141.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



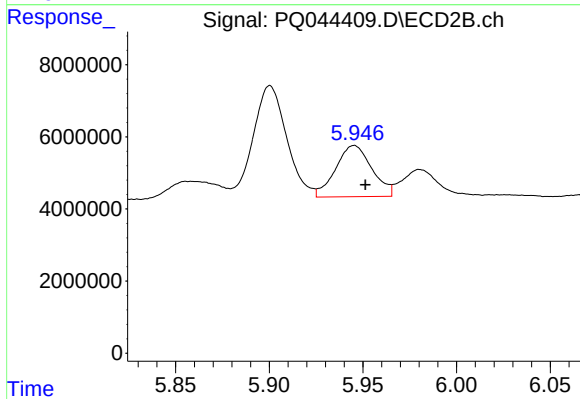
#13 AR-1232-3

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 8680824
Conc: 175.66 ng/ml



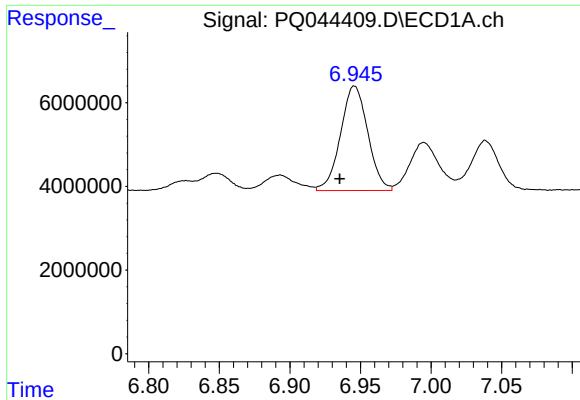
#14 AR-1232-4

R.T.: 6.848 min
Delta R.T.: 0.009 min
Response: 9383152
Conc: 247.37 ng/ml



#14 AR-1232-4

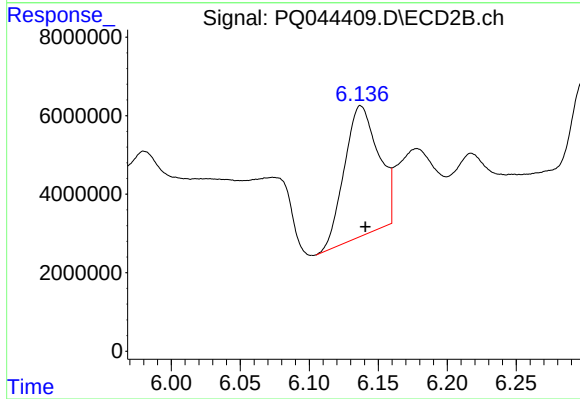
R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 19176101
Conc: 406.60 ng/ml



#15 AR-1232-5

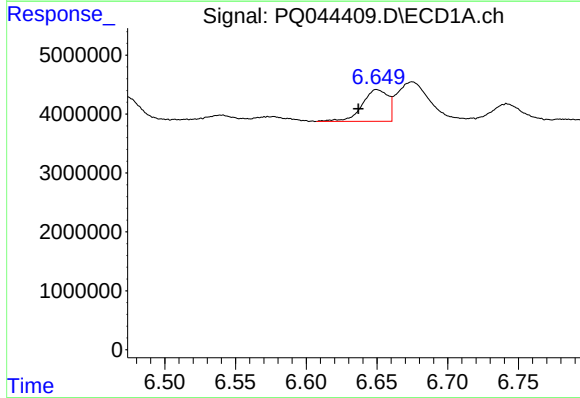
R.T.: 6.946 min
Delta R.T.: 0.010 min
Response: 33670113
Conc: 1194.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



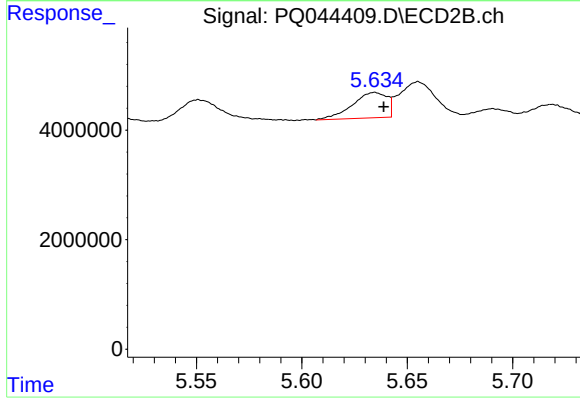
#15 AR-1232-5

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 56927469
Conc: 1041.42 ng/ml



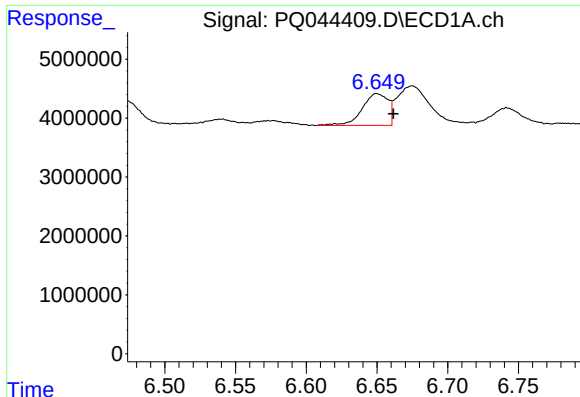
#16 AR-1242-1

R.T.: 6.650 min
Delta R.T.: 0.013 min
Response: 6842237
Conc: 70.08 ng/ml



#16 AR-1242-1

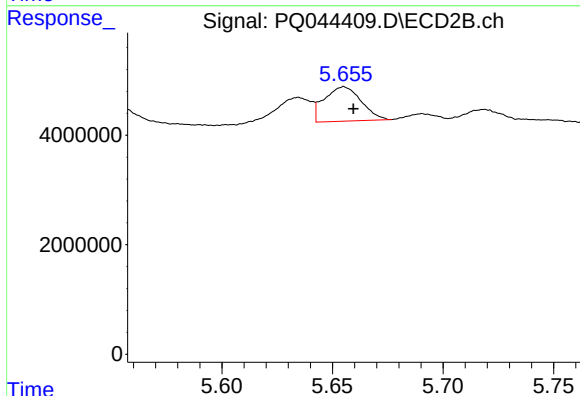
R.T.: 5.635 min
Delta R.T.: -0.004 min
Response: 5281810
Conc: 44.56 ng/ml



#17 AR-1242-2

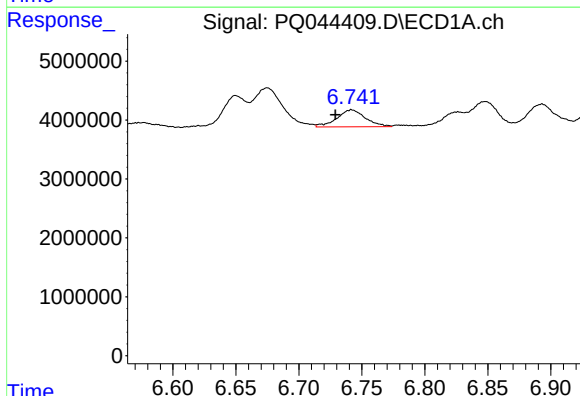
R.T.: 6.650 min
Delta R.T.: -0.012 min
Response: 6842237
Conc: 49.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



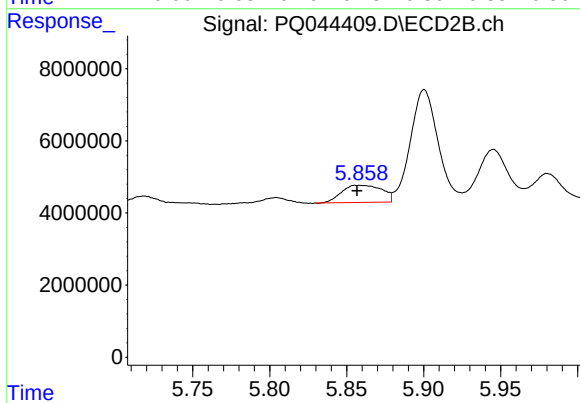
#17 AR-1242-2

R.T.: 5.655 min
Delta R.T.: -0.004 min
Response: 7320560
Conc: 38.80 ng/ml



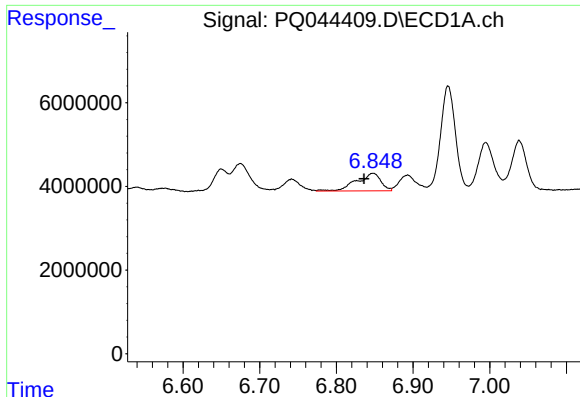
#18 AR-1242-3

R.T.: 6.742 min
Delta R.T.: 0.013 min
Response: 4590717
Conc: 51.65 ng/ml



#18 AR-1242-3

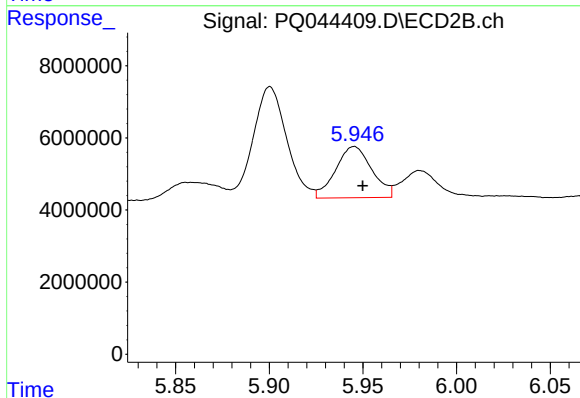
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 8680824
Conc: 93.86 ng/ml



#19 AR-1242-4

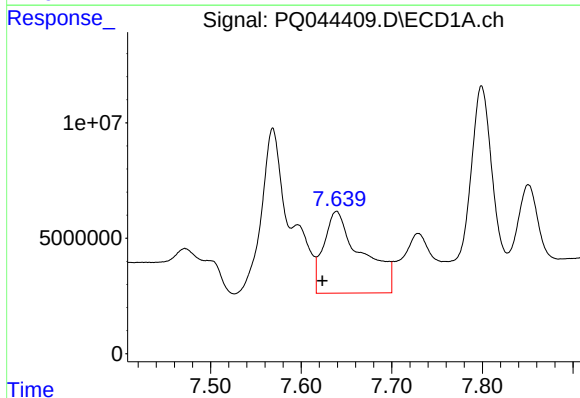
R.T.: 6.848 min
Delta R.T.: 0.012 min
Response: 9383152
Conc: 131.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



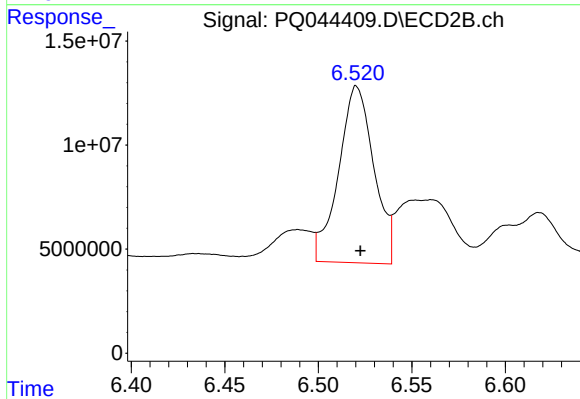
#19 AR-1242-4

R.T.: 5.945 min
Delta R.T.: -0.005 min
Response: 19176101
Conc: 195.10 ng/ml



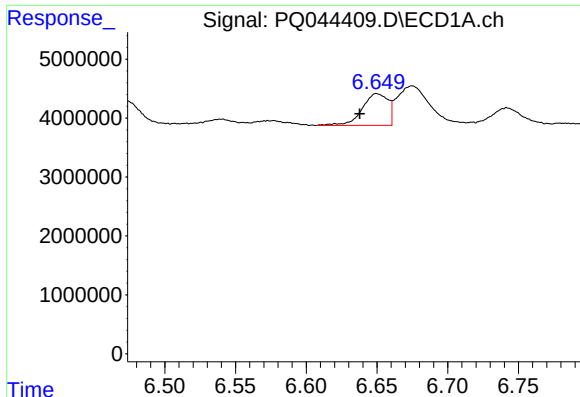
#20 AR-1242-5

R.T.: 7.639 min
Delta R.T.: 0.015 min
Response: 103495199
Conc: 1361.33 ng/ml



#20 AR-1242-5

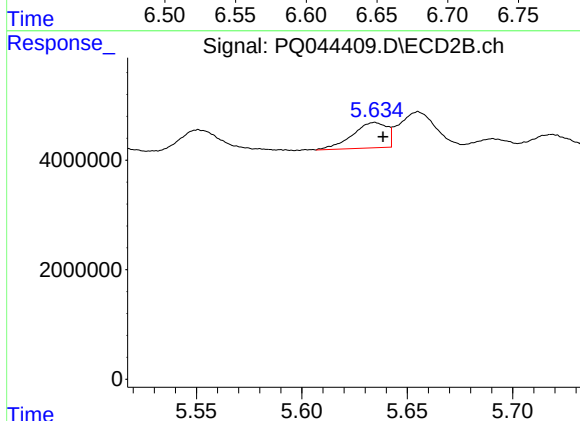
R.T.: 6.520 min
Delta R.T.: -0.002 min
Response: 111479530
Conc: 874.86 ng/ml



#21 AR-1248-1

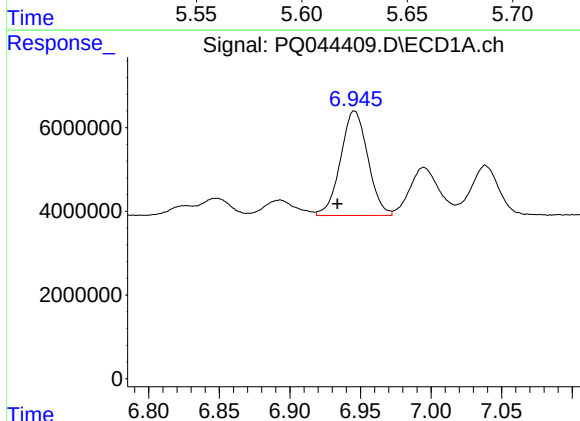
R.T.: 6.650 min
Delta R.T.: 0.012 min
Response: 6842237
Conc: 93.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



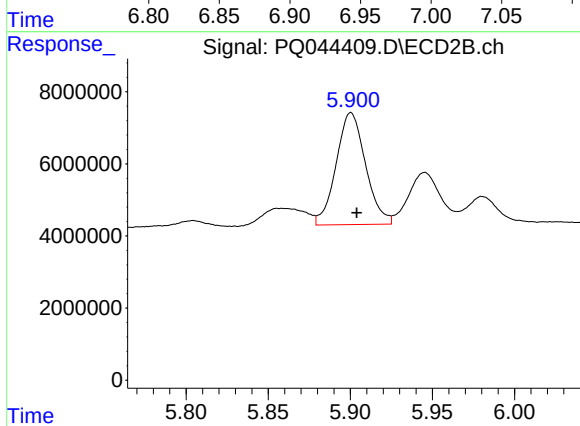
#21 AR-1248-1

R.T.: 5.635 min
Delta R.T.: -0.004 min
Response: 5281810
Conc: 58.33 ng/ml



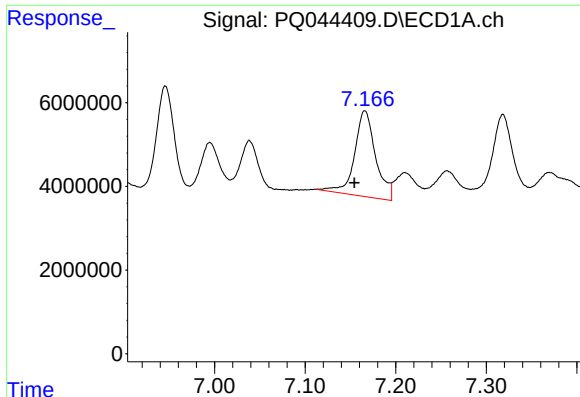
#22 AR-1248-2

R.T.: 6.946 min
Delta R.T.: 0.012 min
Response: 33670113
Conc: 339.90 ng/ml



#22 AR-1248-2

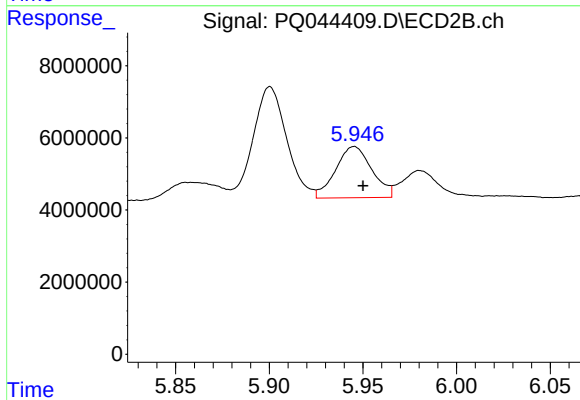
R.T.: 5.900 min
Delta R.T.: -0.003 min
Response: 38849259
Conc: 280.29 ng/ml



#23 AR-1248-3

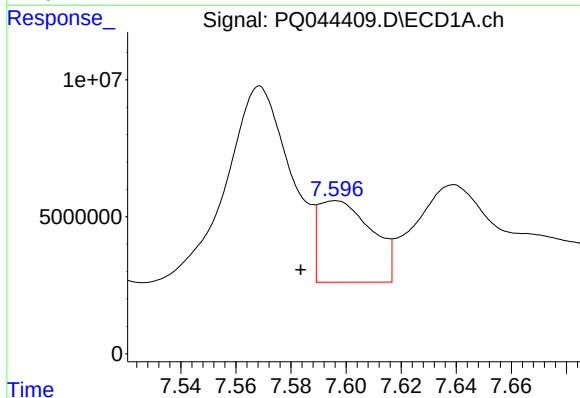
R.T.: 7.166 min
Delta R.T.: 0.011 min
Response: 33209369
Conc: 307.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



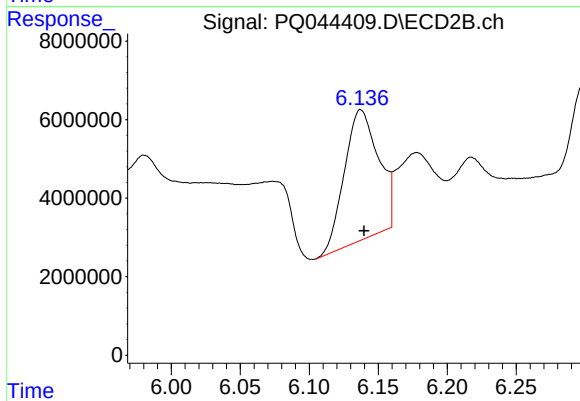
#23 AR-1248-3

R.T.: 5.945 min
Delta R.T.: -0.005 min
Response: 19176101
Conc: 135.59 ng/ml



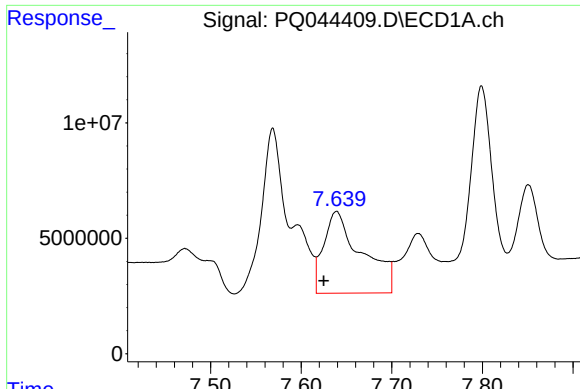
#24 AR-1248-4

R.T.: 7.596 min
Delta R.T.: 0.013 min
Response: 39909720
Conc: 316.99 ng/ml



#24 AR-1248-4

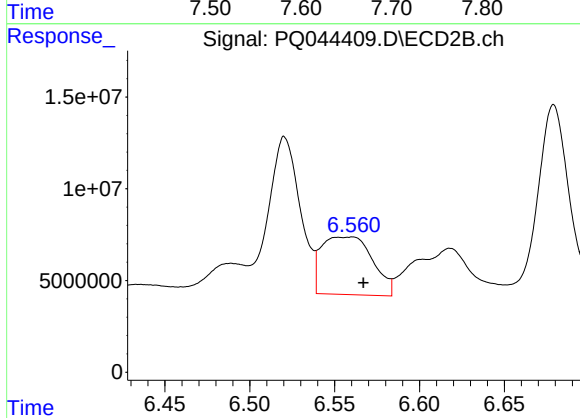
R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 56927469
Conc: 331.43 ng/ml



#25 AR-1248-5

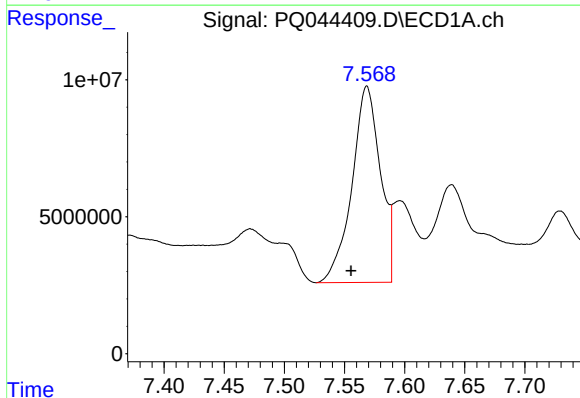
R.T.: 7.639 min
Delta R.T.: 0.014 min
Response: 103495199
Conc: 854.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



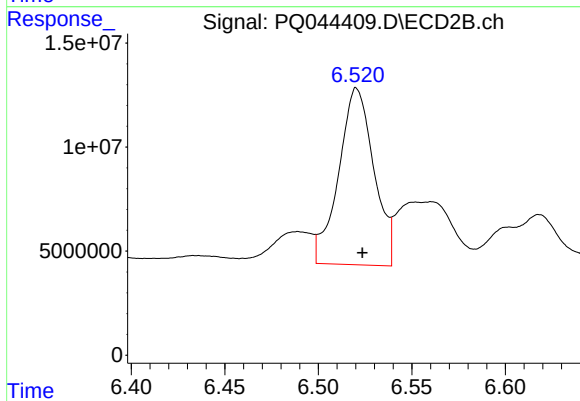
#25 AR-1248-5

R.T.: 6.560 min
Delta R.T.: -0.007 min
Response: 65912316
Conc: 393.70 ng/ml



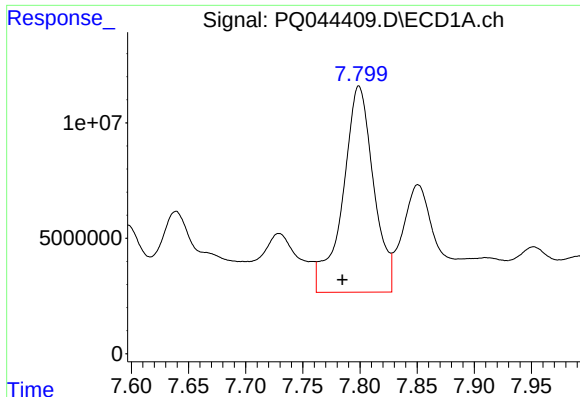
#26 AR-1254-1

R.T.: 7.569 min
Delta R.T.: 0.013 min
Response: 117754612
Conc: 875.12 ng/ml



#26 AR-1254-1

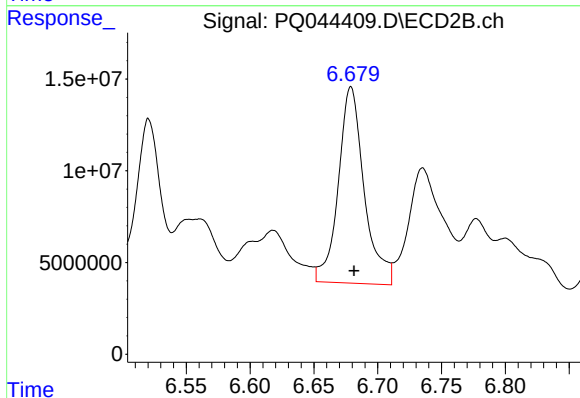
R.T.: 6.520 min
Delta R.T.: -0.003 min
Response: 111479530
Conc: 382.22 ng/ml



#27 AR-1254-2

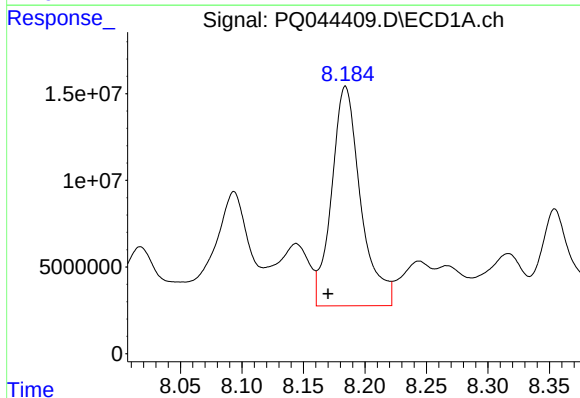
R.T.: 7.799 min
Delta R.T.: 0.014 min
Response: 167068758
Conc: 782.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



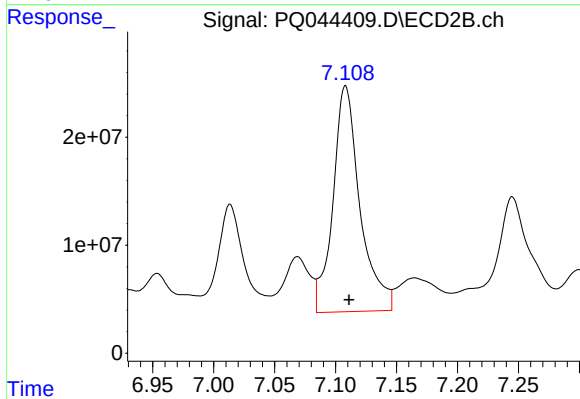
#27 AR-1254-2

R.T.: 6.679 min
Delta R.T.: -0.002 min
Response: 150964901
Conc: 578.19 ng/ml



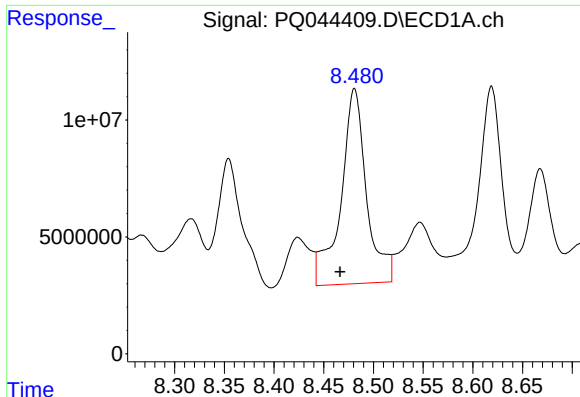
#28 AR-1254-3

R.T.: 8.184 min
Delta R.T.: 0.014 min
Response: 207927739
Conc: 845.07 ng/ml



#28 AR-1254-3

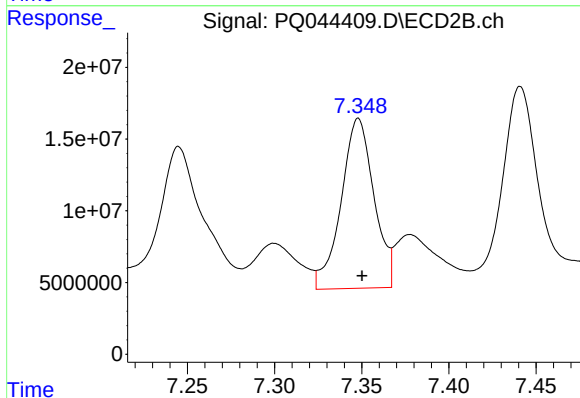
R.T.: 7.108 min
Delta R.T.: -0.003 min
Response: 322954592
Conc: 739.18 ng/ml



#29 AR-1254-4

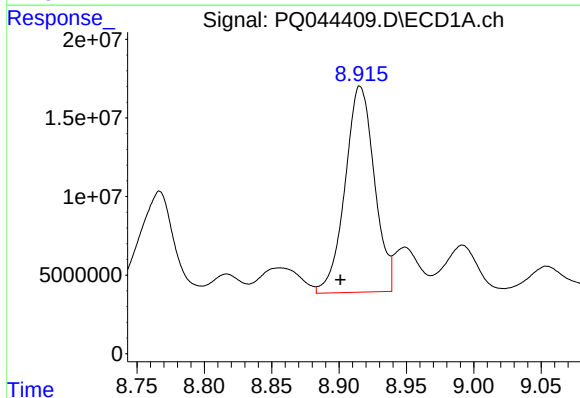
R.T.: 8.481 min
Delta R.T.: 0.014 min
Response: 150197805
Conc: 748.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



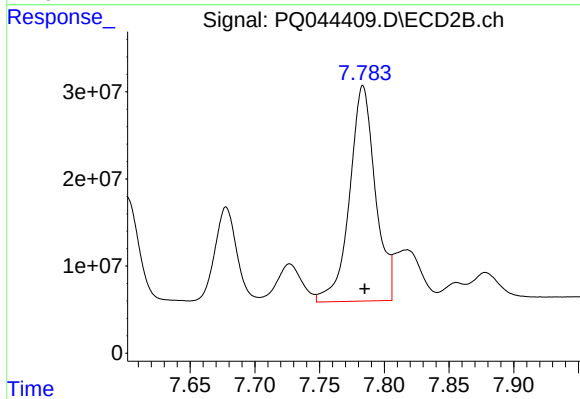
#29 AR-1254-4

R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 155521210
Conc: 578.95 ng/ml



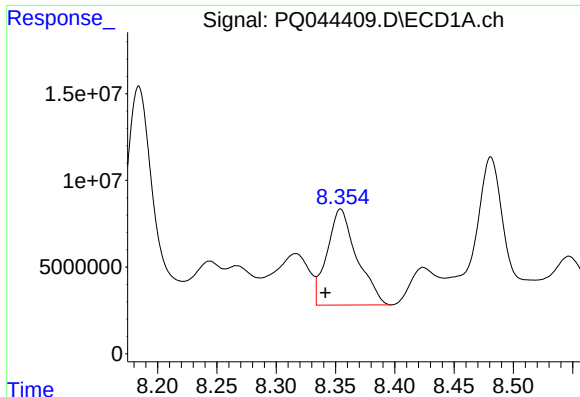
#30 AR-1254-5

R.T.: 8.916 min
Delta R.T.: 0.015 min
Response: 198538487
Conc: 829.51 ng/ml



#30 AR-1254-5

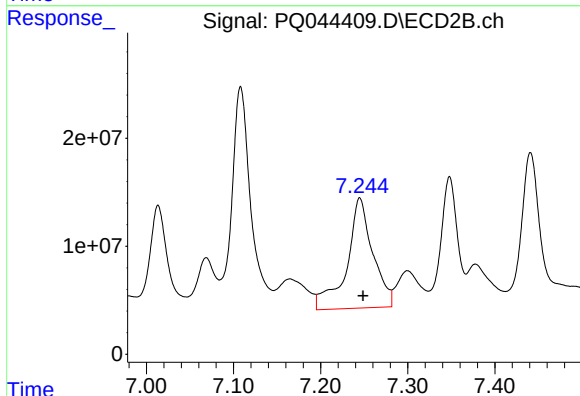
R.T.: 7.784 min
Delta R.T.: -0.001 min
Response: 341918855
Conc: 855.09 ng/ml



#31 AR-1260-1

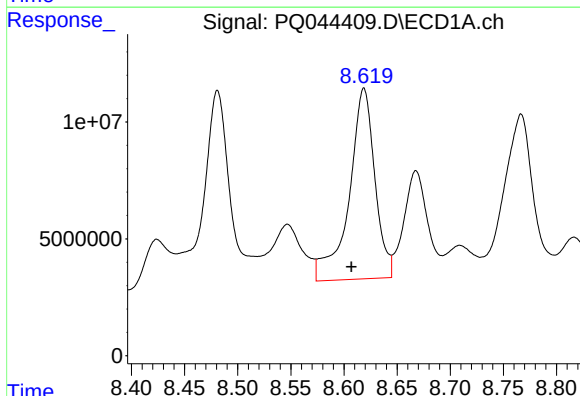
R.T.: 8.354 min
Delta R.T.: 0.013 min
Response: 96881179
Conc: 643.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



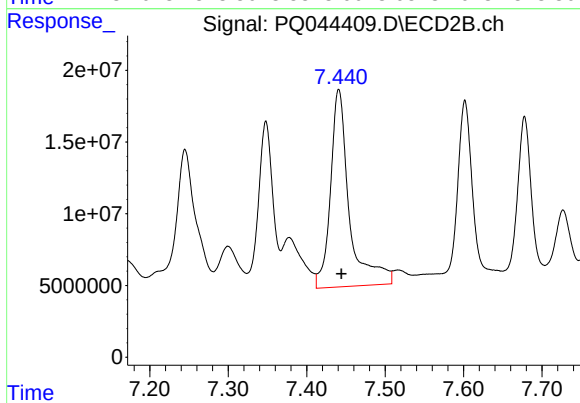
#31 AR-1260-1

R.T.: 7.245 min
Delta R.T.: -0.004 min
Response: 211996369
Conc: 871.90 ng/ml



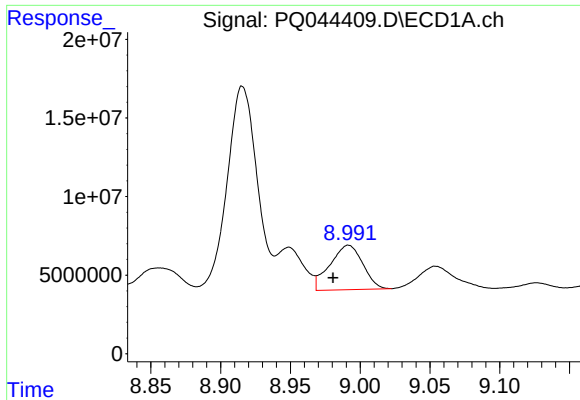
#32 AR-1260-2

R.T.: 8.619 min
Delta R.T.: 0.012 min
Response: 137928302
Conc: 700.82 ng/ml



#32 AR-1260-2

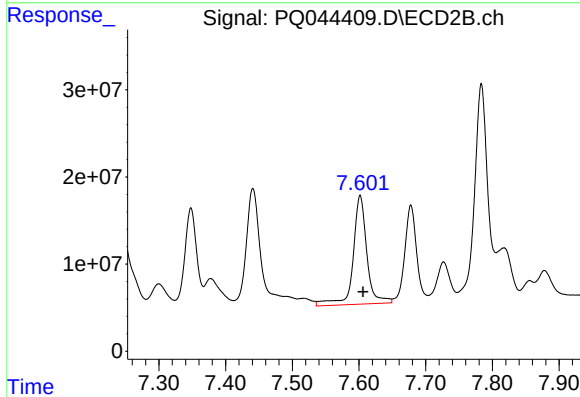
R.T.: 7.441 min
Delta R.T.: -0.003 min
Response: 229760654
Conc: 761.16 ng/ml



#33 AR-1260-3

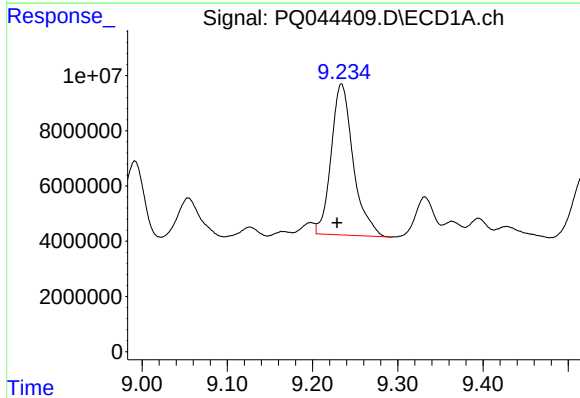
R.T.: 8.992 min
Delta R.T.: 0.011 min
Response: 46303090
Conc: 288.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



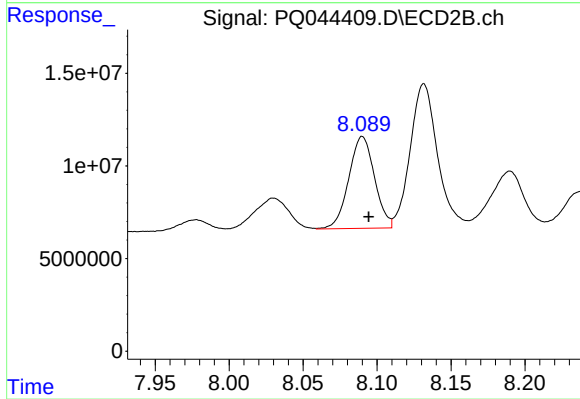
#33 AR-1260-3

R.T.: 7.602 min
Delta R.T.: -0.004 min
Response: 178129441
Conc: 632.97 ng/ml



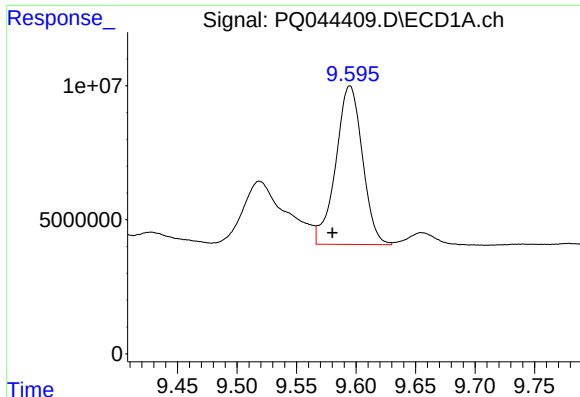
#34 AR-1260-4

R.T.: 9.234 min
Delta R.T.: 0.005 min
Response: 98267488
Conc: 503.28 ng/ml



#34 AR-1260-4

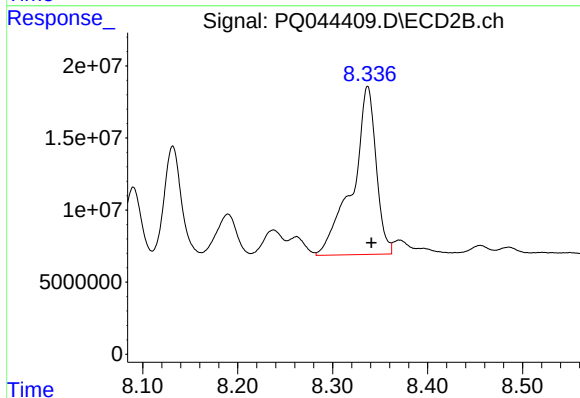
R.T.: 8.090 min
Delta R.T.: -0.004 min
Response: 60087242
Conc: 238.85 ng/ml



#35 AR-1260-5

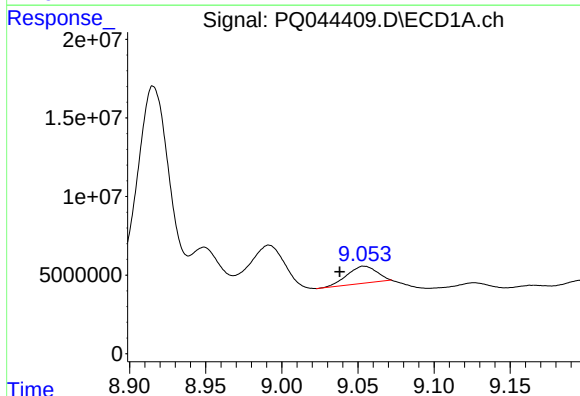
R.T.: 9.595 min
Delta R.T.: 0.015 min
Response: 92254825
Conc: 201.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



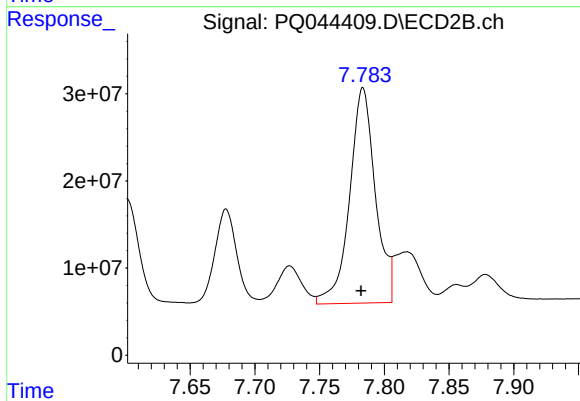
#35 AR-1260-5

R.T.: 8.337 min
Delta R.T.: -0.004 min
Response: 200696102
Conc: 313.13 ng/ml



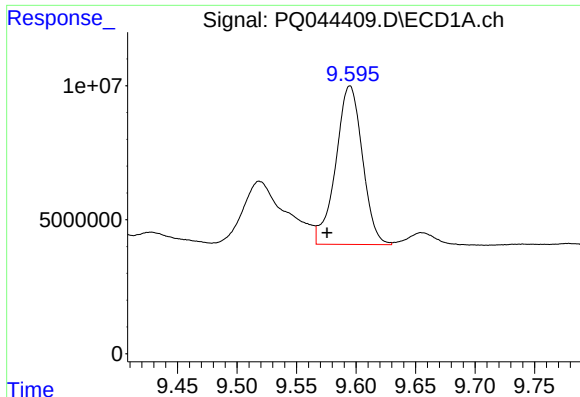
#36 AR-1262-1

R.T.: 9.054 min
Delta R.T.: 0.016 min
Response: 14820324
Conc: 136.46 ng/ml



#36 AR-1262-1

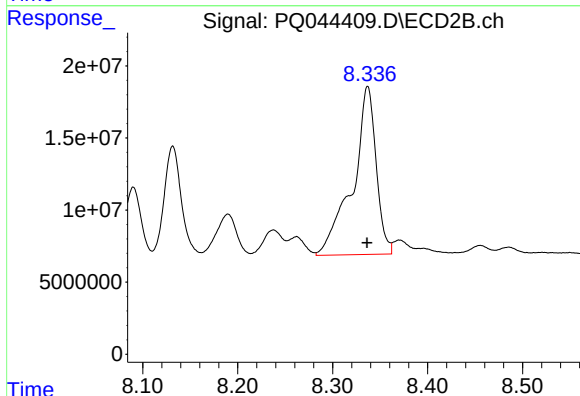
R.T.: 7.784 min
Delta R.T.: 0.001 min
Response: 341918855
Conc: 1752.10 ng/ml



#37 AR-1262-2

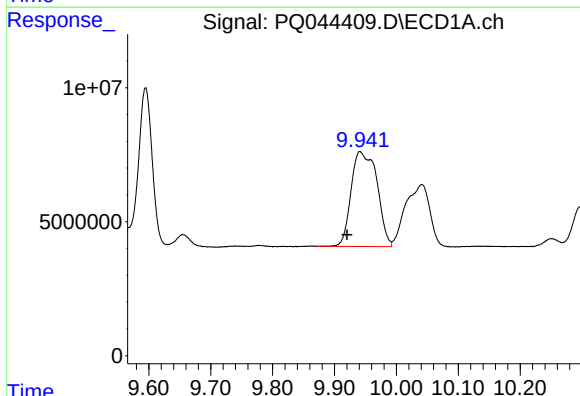
R.T.: 9.595 min
Delta R.T.: 0.019 min
Response: 92254825
Conc: 160.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



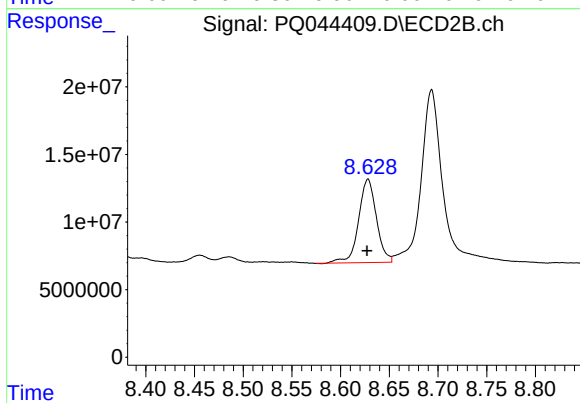
#37 AR-1262-2

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 200696102
Conc: 253.66 ng/ml



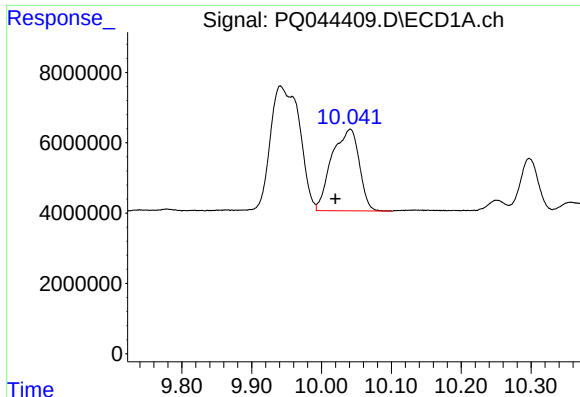
#38 AR-1262-3

R.T.: 9.941 min
Delta R.T.: 0.021 min
Response: 102597185
Conc: 247.30 ng/ml



#38 AR-1262-3

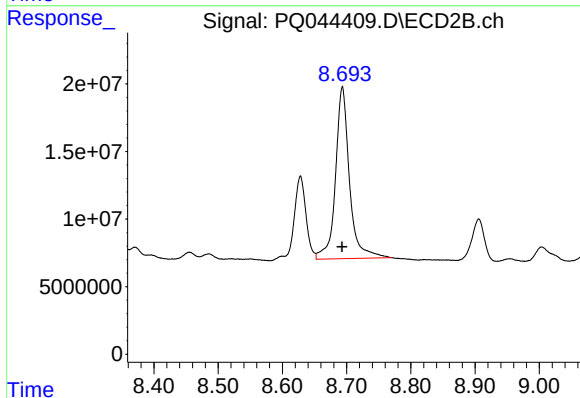
R.T.: 8.628 min
Delta R.T.: 0.001 min
Response: 78723412
Conc: 248.23 ng/ml



#39 AR-1262-4

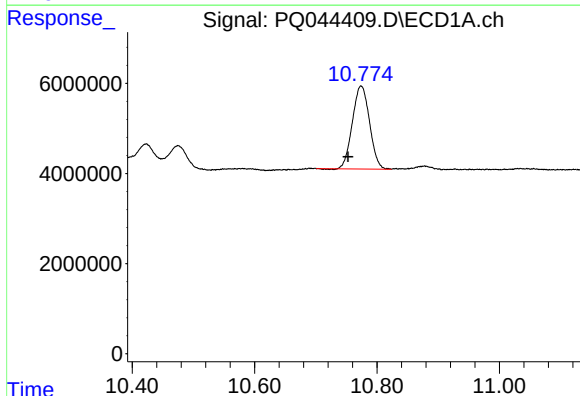
R.T.: 10.041 min
Delta R.T.: 0.021 min
Response: 63359287
Conc: 201.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



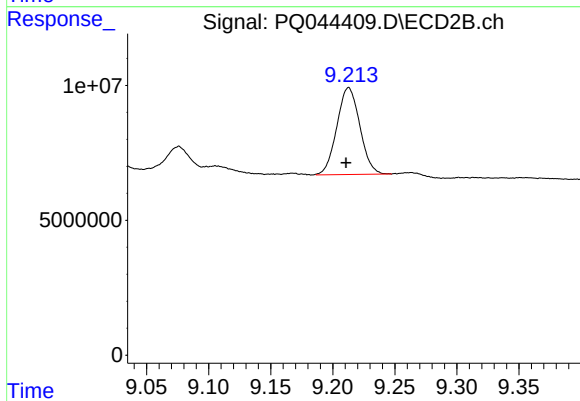
#39 AR-1262-4

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 192016689
Conc: 315.07 ng/ml



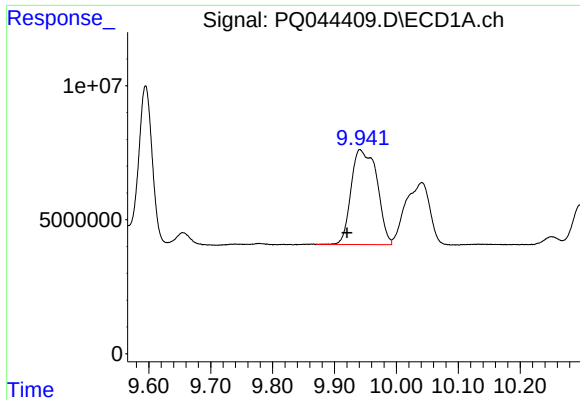
#40 AR-1262-5

R.T.: 10.774 min
Delta R.T.: 0.021 min
Response: 35758446
Conc: 140.68 ng/ml



#40 AR-1262-5

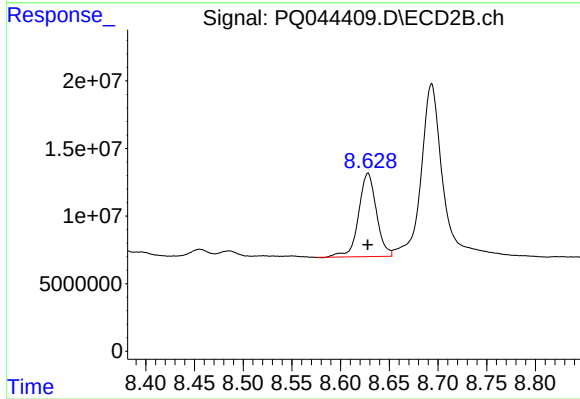
R.T.: 9.213 min
Delta R.T.: 0.002 min
Response: 41564497
Conc: 148.24 ng/ml



#41 AR-1268-1

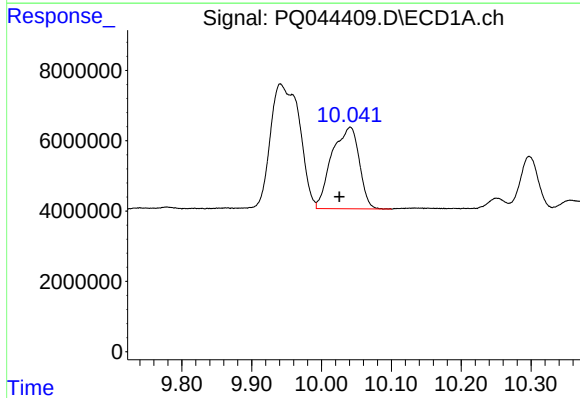
R.T.: 9.941 min
Delta R.T.: 0.021 min
Response: 102597185
Conc: 143.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



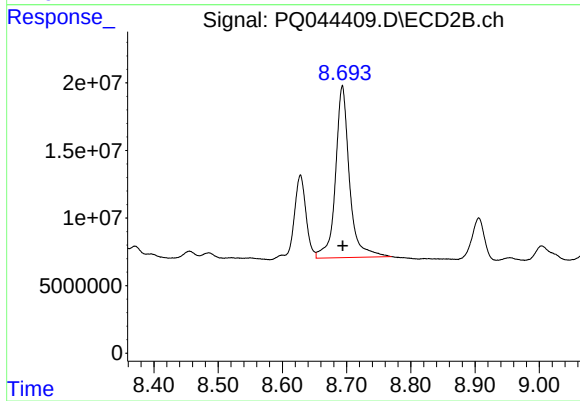
#41 AR-1268-1

R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 78723412
Conc: 81.62 ng/ml



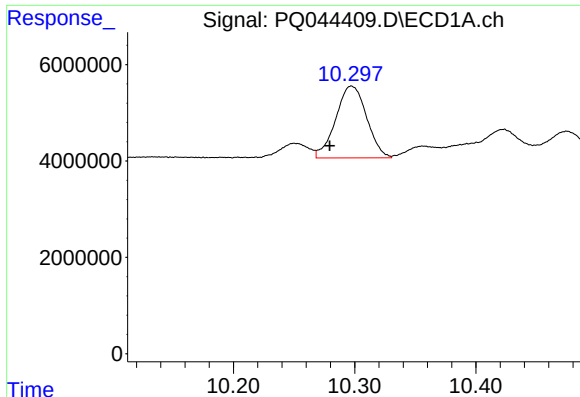
#42 AR-1268-2

R.T.: 10.041 min
Delta R.T.: 0.015 min
Response: 63359287
Conc: 93.23 ng/ml



#42 AR-1268-2

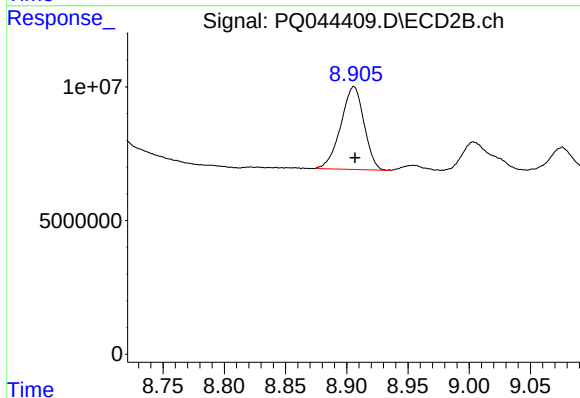
R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 192016689
Conc: 211.15 ng/ml



#43 AR-1268-3

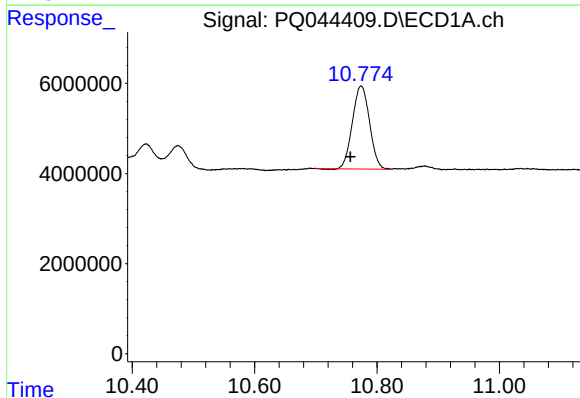
R.T.: 10.297 min
Delta R.T.: 0.018 min
Response: 26426326
Conc: 46.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



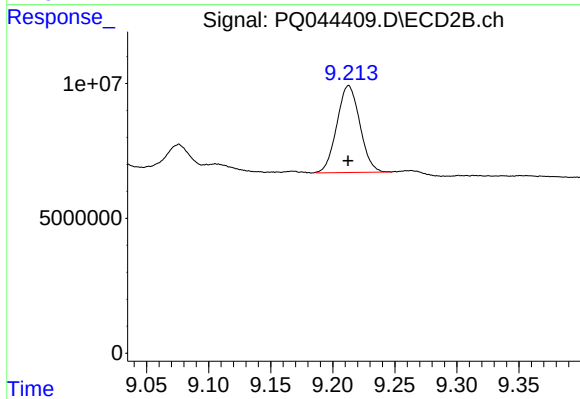
#43 AR-1268-3

R.T.: 8.906 min
Delta R.T.: 0.000 min
Response: 40888348
Conc: 53.98 ng/ml



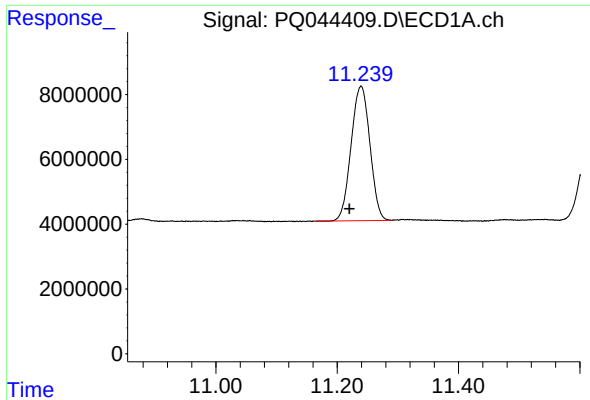
#44 AR-1268-4

R.T.: 10.774 min
Delta R.T.: 0.018 min
Response: 35758446
Conc: 124.12 ng/ml



#44 AR-1268-4

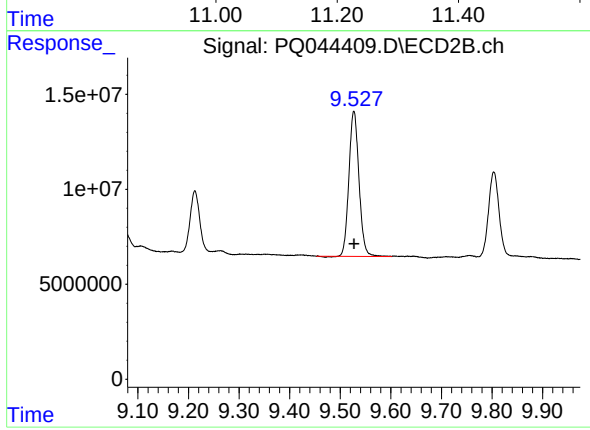
R.T.: 9.213 min
Delta R.T.: 0.000 min
Response: 41564497
Conc: 127.11 ng/ml



#45 AR-1268-5

R.T.: 11.239 min
Delta R.T.: 0.020 min
Response: 89357698
Conc: 41.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP12DL



#45 AR-1268-5

R.T.: 9.527 min
Delta R.T.: 0.000 min
Response: 105303110
Conc: 40.43 ng/ml