

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021921\
 Data File : PQ052367.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2021 09:40
 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 20 04:42:52 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...	5.228	4.245	509.3E6	181.1E6	20.737	21.595
2)	SA Decachlor...	11.420	9.590	844.2E6	328.5E6	41.188	42.591
Target Compounds							
3)	L1 AR-1016-1	6.552	5.504	7509205	3293821	9.346	10.693
4)	L1 AR-1016-2	6.578	5.524	10089760	2863208	8.546	6.678
5)	L1 AR-1016-3	6.645	5.718	4356341	2293540	6.104	10.470 #
6)	L1 AR-1016-4	6.752	5.768	7862802	75399183	13.061	450.245 #
7)	L1 AR-1016-5	7.065	5.999	111.3E6	43852548	197.807	205.345
8)	L2 AR-1221-1	5.433f	0.000	308999	0	1.212	N.D. #
9)	L2 AR-1221-2	5.583	4.600	7085023	2278392	40.280	36.007
10)	L2 AR-1221-3	5.664	4.694	5091903	948908	8.648	4.401 #
11)	L3 AR-1232-1	5.664	4.694	5091903	948908	10.362	5.247 #
12)	L3 AR-1232-2	6.258	5.524	9407219	2863208	36.551	14.502 #
13)	L3 AR-1232-3	6.578	5.718	10089760	2293540	19.179	23.316
14)	L3 AR-1232-4	6.752	5.813	7862802	21712222	29.994	262.316 #
15)	L3 AR-1232-5	6.846	5.999	191.8E6	43852548	1038.054	492.900 #
16)	L4 AR-1242-1	6.552	5.504	7509205	3293821	10.927	12.504
17)	L4 AR-1242-2	6.578	5.524	10089760	2863208	9.994	7.793
18)	L4 AR-1242-3	6.645	5.718	4356341	2293540	7.174	12.030 #
19)	L4 AR-1242-4	6.752	5.813	7862802	21712222	15.463	122.939 #
20)	L4 AR-1242-5	7.535	6.378	110.5E6	198.8E6	195.818	792.841 #
21)	L5 AR-1248-1	6.552	5.504	7509205	3293821	13.711	16.018
22)	L5 AR-1248-2	6.846	5.768	191.8E6	75399183	249.497	278.964
23)	L5 AR-1248-3	7.065	5.813	111.3E6	21712222	126.054	77.864 #
24)	L5 AR-1248-4	7.493	5.999	177.1E6	43852548	170.312	131.789
25)	L5 AR-1248-5	7.535	6.421	110.5E6	21841745	107.844	61.088 #
26)	L6 AR-1254-1	7.463	6.378	348.0E6	198.8E6	350.303	372.735
27)	L6 AR-1254-2	7.691	6.536	542.0E6	169.9E6	350.662	372.054
28)	L6 AR-1254-3	8.075	6.958	587.1E6	284.0E6	347.372	377.631
29)	L6 AR-1254-4	8.369	7.197	433.2E6	192.0E6	345.339	380.537
30)	L6 AR-1254-5	8.798	7.626	464.3E6	253.4E6	345.473	372.606
31)	L7 AR-1260-1	8.240	7.096	217.7E6	129.6E6	217.803	316.390 #
32)	L7 AR-1260-2	8.502	7.290	252.5E6	119.0E6	205.575	224.131
33)	L7 AR-1260-3	8.862	7.446	53365772	110.6E6	58.355	231.325 #
34)	L7 AR-1260-4	9.107	7.930	177.4E6	10549625	164.683	26.046 #
35)	L7 AR-1260-5	9.458	8.175	76378349	29494470	33.663	27.393
36)	L8 AR-1262-1	8.862	7.626	53365772	253.4E6	33.895	733.907 #
37)	L8 AR-1262-2	9.458	8.175	76378349	29494470	25.495	21.993
38)	L8 AR-1262-3	9.818	8.464	50498631	8862	25.368	0.017 #
39)	L8 AR-1262-4	9.870	8.524	11874217	26217440	7.803	26.831 #
40)	L8 AR-1262-5	10.607	9.030	2784684	1120311	2.559	2.472
41)	L9 AR-1268-1	9.818	8.464	50498631	8862	14.366	0.006 #

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 Acq On : 19 Feb 2021 09:40
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

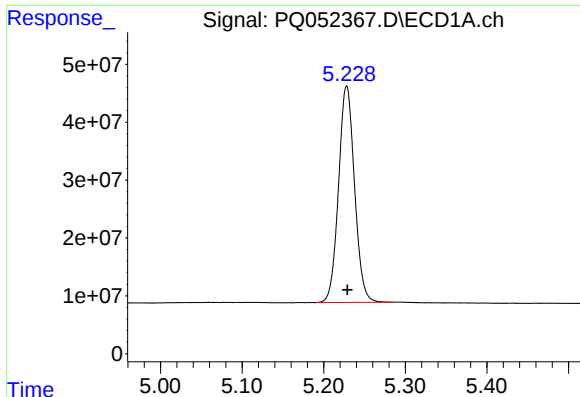
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 04:42:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.870	8.524	11874217	26217440	3.616	17.587 #
43) L9	AR-1268-3	10.134	8.783f	2410728	1493763	0.866	1.191 #
44) L9	AR-1268-4	10.607	9.030	2784684	1120311	2.283	2.143
45) L9	AR-1268-5	11.054	9.328	8149483	2854394	0.834	0.710

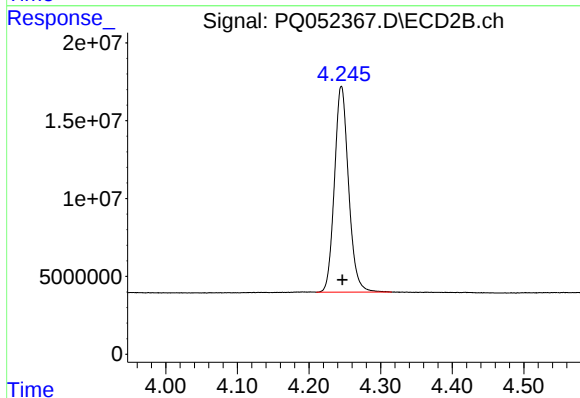
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

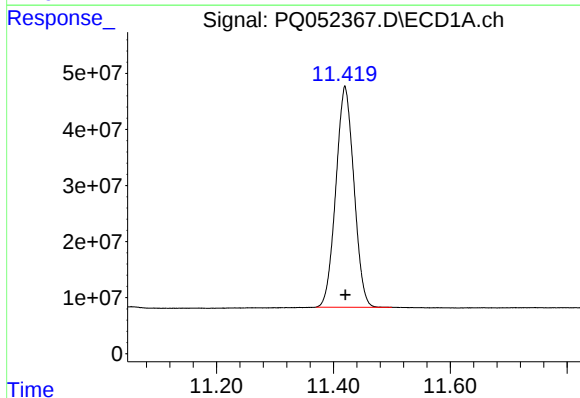
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 509267931
Conc: 20.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



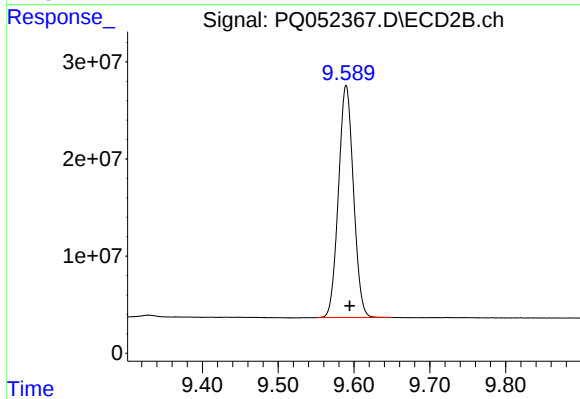
#1 Tetrachloro-m-xylene

R.T.: 4.245 min
Delta R.T.: -0.001 min
Response: 181143276
Conc: 21.59 ng/ml



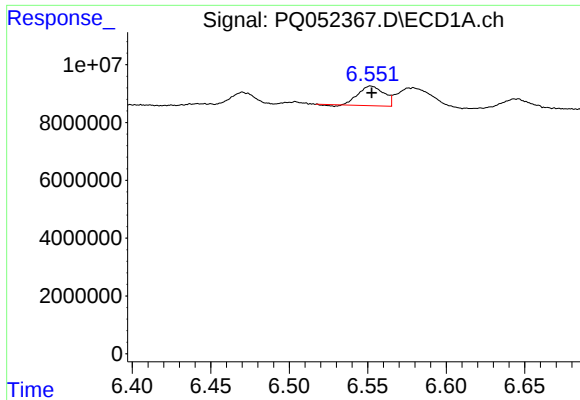
#2 Decachlorobiphenyl

R.T.: 11.420 min
Delta R.T.: -0.001 min
Response: 844156799
Conc: 41.19 ng/ml



#2 Decachlorobiphenyl

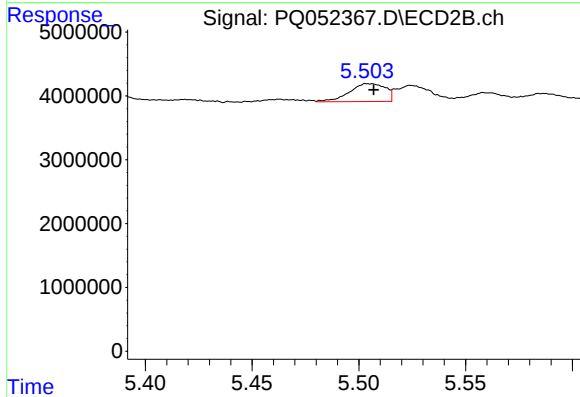
R.T.: 9.590 min
Delta R.T.: -0.005 min
Response: 328500274
Conc: 42.59 ng/ml



#3 AR-1016-1

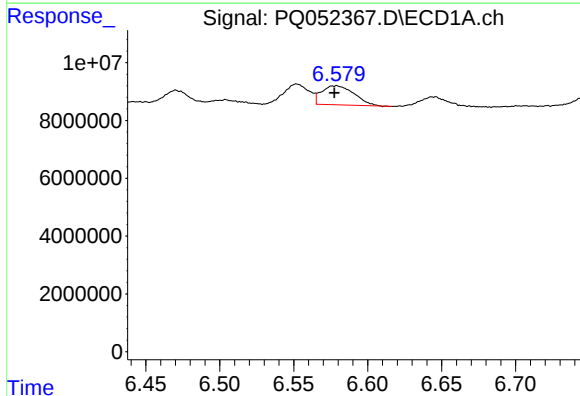
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 7509205
Conc: 9.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



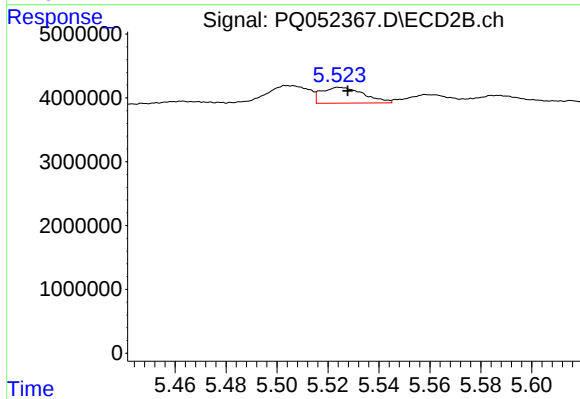
#3 AR-1016-1

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 3293821
Conc: 10.69 ng/ml



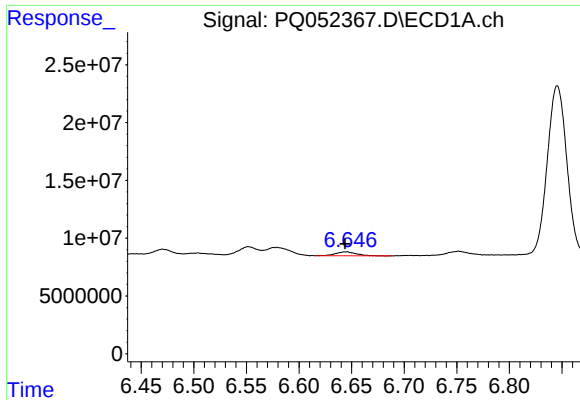
#4 AR-1016-2

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 10089760
Conc: 8.55 ng/ml



#4 AR-1016-2

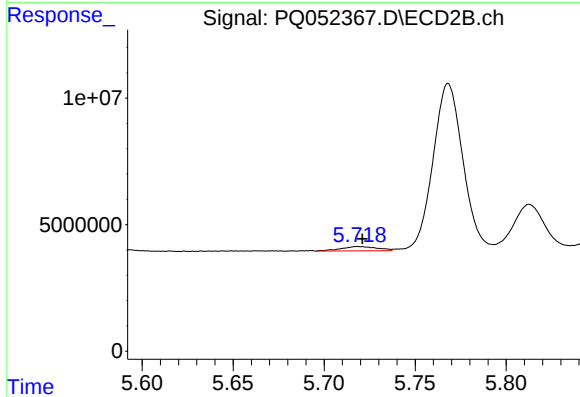
R.T.: 5.524 min
Delta R.T.: -0.003 min
Response: 2863208
Conc: 6.68 ng/ml



#5 AR-1016-3

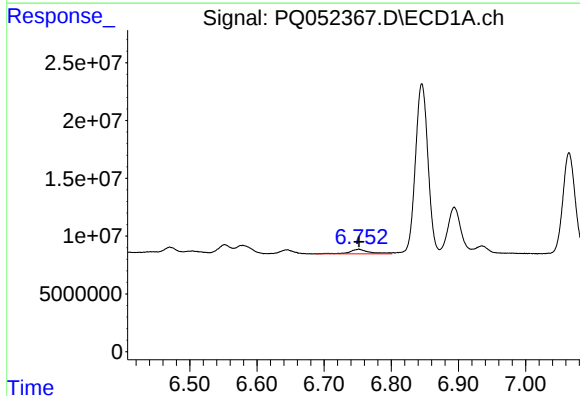
R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 4356341
Conc: 6.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



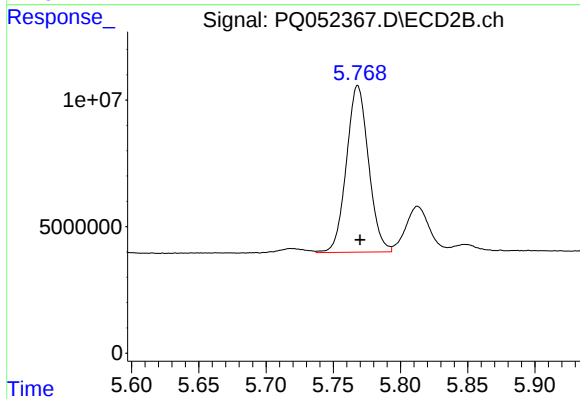
#5 AR-1016-3

R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 2293540
Conc: 10.47 ng/ml



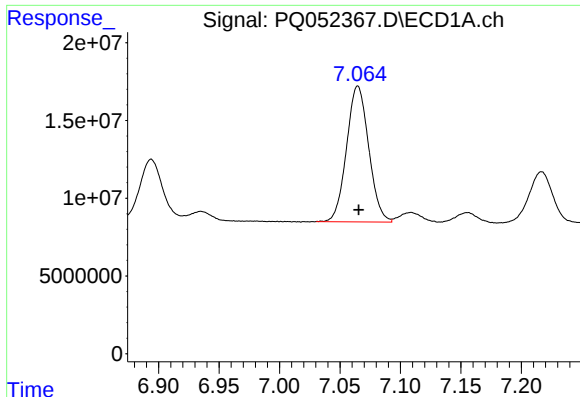
#6 AR-1016-4

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 7862802
Conc: 13.06 ng/ml



#6 AR-1016-4

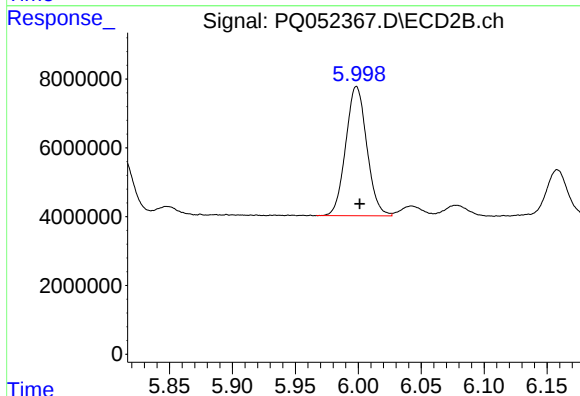
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 75399183
Conc: 450.24 ng/ml



#7 AR-1016-5

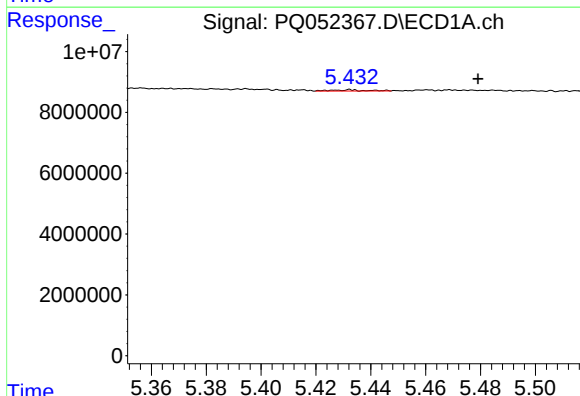
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 111295898
Conc: 197.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



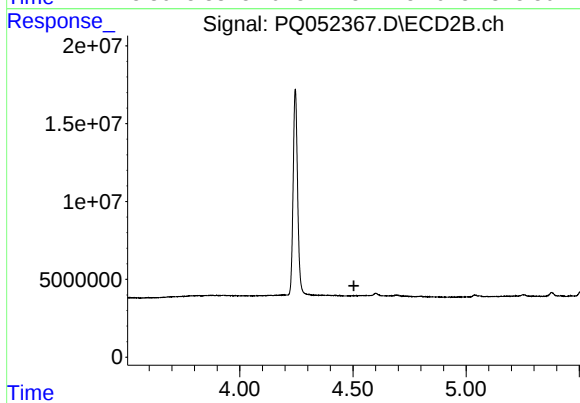
#7 AR-1016-5

R.T.: 5.999 min
Delta R.T.: -0.003 min
Response: 43852548
Conc: 205.35 ng/ml



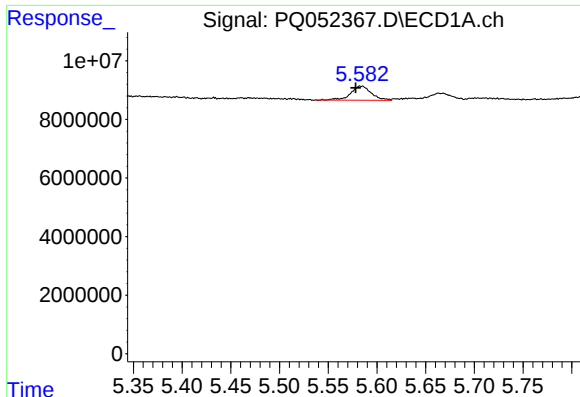
#8 AR-1221-1

R.T.: 5.433 min
Delta R.T.: -0.047 min
Response: 308999
Conc: 1.21 ng/ml



#8 AR-1221-1

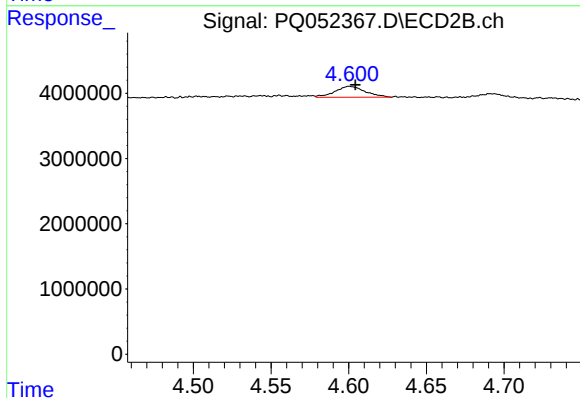
R.T.: 0.000 min
Exp R.T.: 4.504 min
Response: 0
Conc: N.D.



#9 AR-1221-2

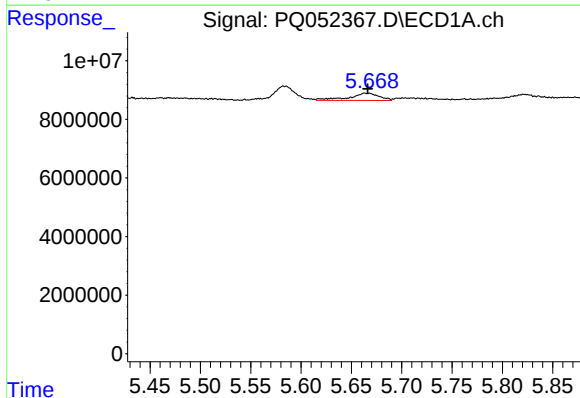
R.T.: 5.583 min
Delta R.T.: 0.005 min
Response: 7085023
Conc: 40.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



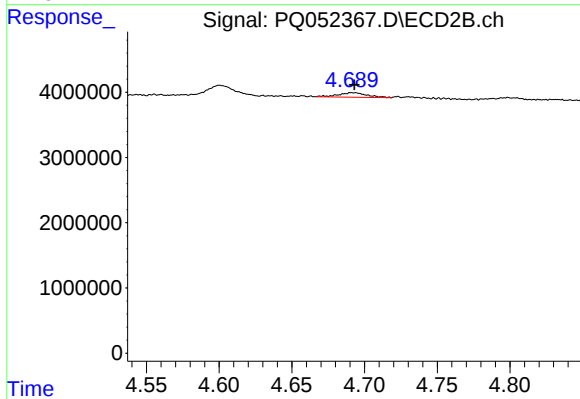
#9 AR-1221-2

R.T.: 4.600 min
Delta R.T.: -0.004 min
Response: 2278392
Conc: 36.01 ng/ml



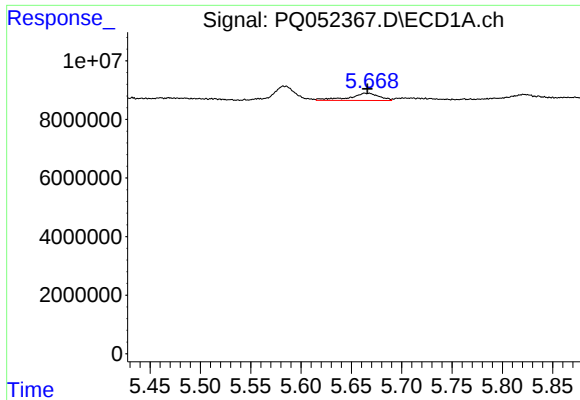
#10 AR-1221-3

R.T.: 5.664 min
Delta R.T.: -0.003 min
Response: 5091903
Conc: 8.65 ng/ml



#10 AR-1221-3

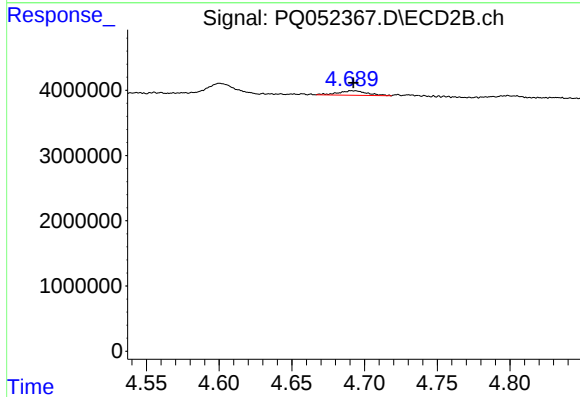
R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 948908
Conc: 4.40 ng/ml



#11 AR-1232-1

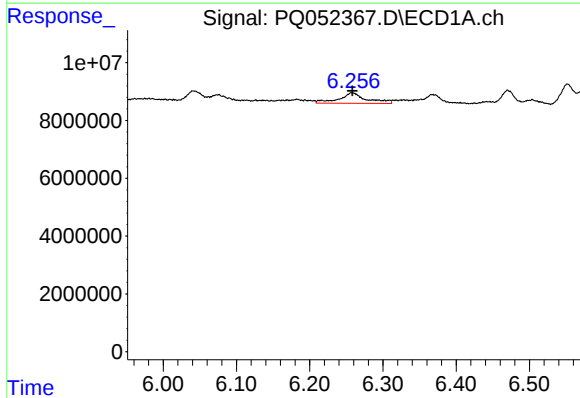
R.T.: 5.664 min
Delta R.T.: -0.002 min
Response: 5091903
Conc: 10.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



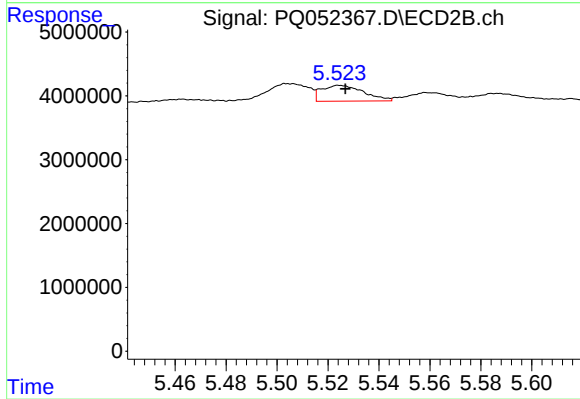
#11 AR-1232-1

R.T.: 4.694 min
Delta R.T.: 0.001 min
Response: 948908
Conc: 5.25 ng/ml



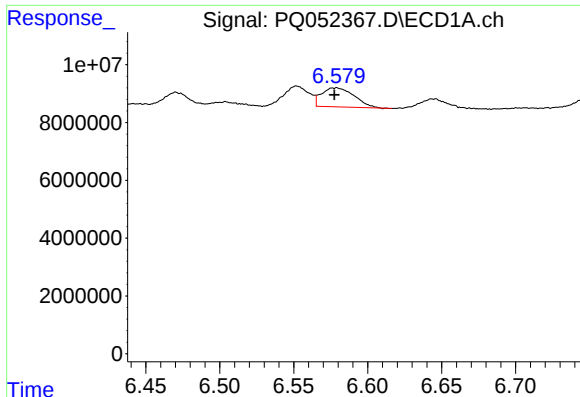
#12 AR-1232-2

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 9407219
Conc: 36.55 ng/ml



#12 AR-1232-2

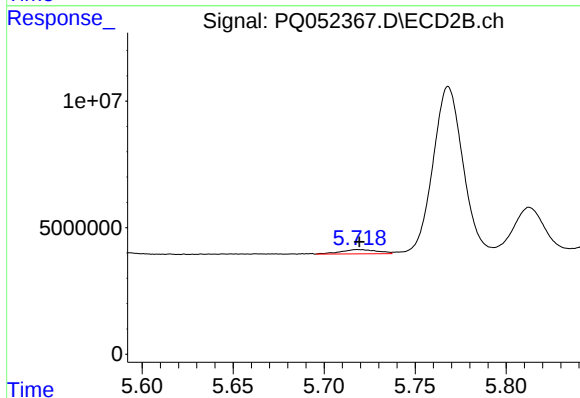
R.T.: 5.524 min
Delta R.T.: -0.002 min
Response: 2863208
Conc: 14.50 ng/ml



#13 AR-1232-3

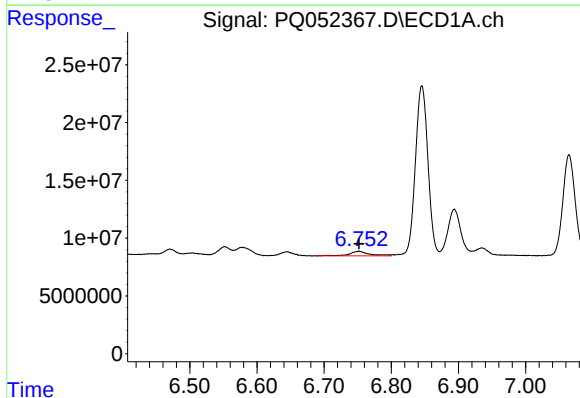
R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 10089760
Conc: 19.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



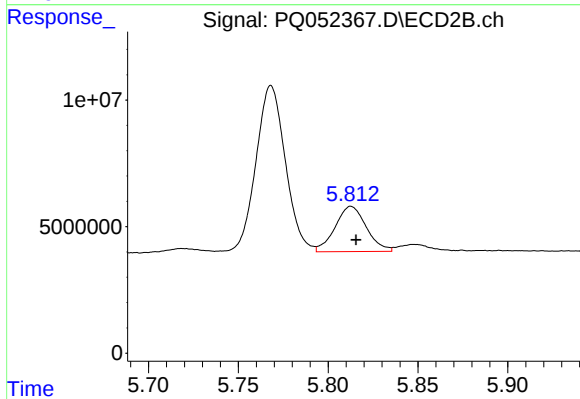
#13 AR-1232-3

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 2293540
Conc: 23.32 ng/ml



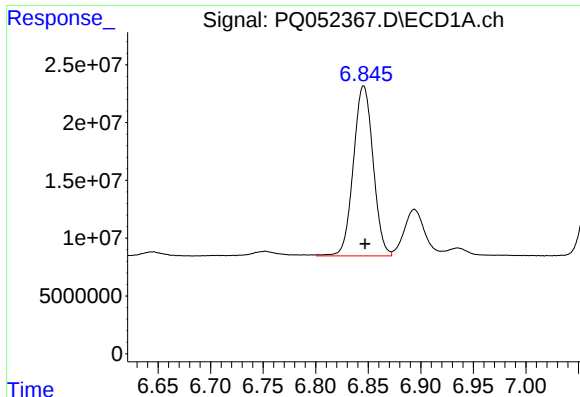
#14 AR-1232-4

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 7862802
Conc: 29.99 ng/ml



#14 AR-1232-4

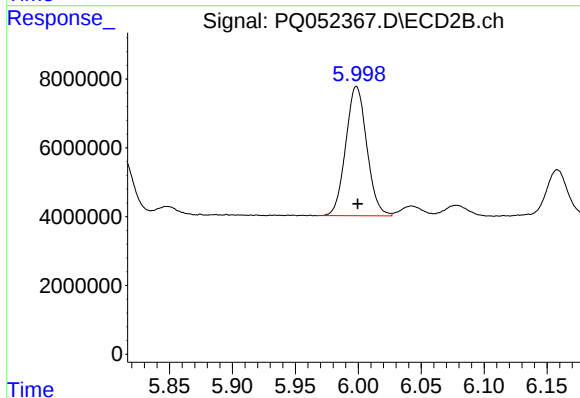
R.T.: 5.813 min
Delta R.T.: -0.003 min
Response: 21712222
Conc: 262.32 ng/ml



#15 AR-1232-5

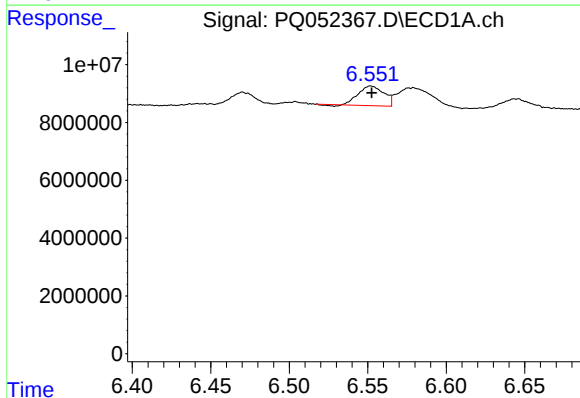
R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 191771196
Conc: 1038.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



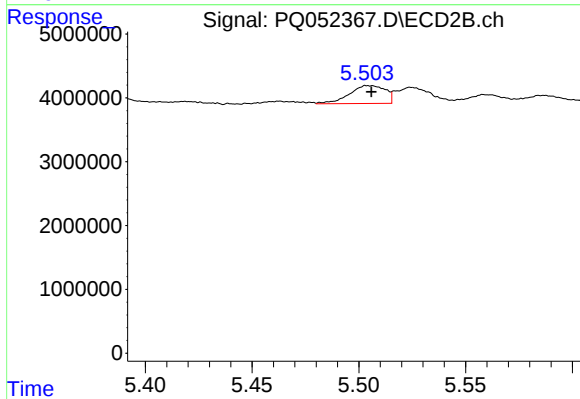
#15 AR-1232-5

R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 43852548
Conc: 492.90 ng/ml



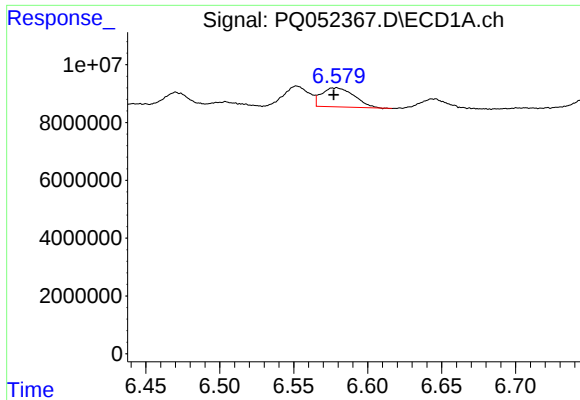
#16 AR-1242-1

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 7509205
Conc: 10.93 ng/ml



#16 AR-1242-1

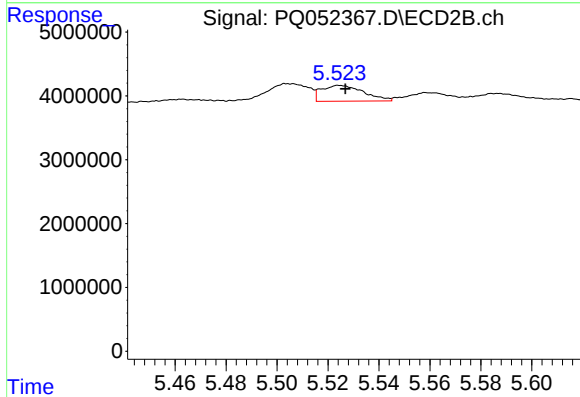
R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 3293821
Conc: 12.50 ng/ml



#17 AR-1242-2

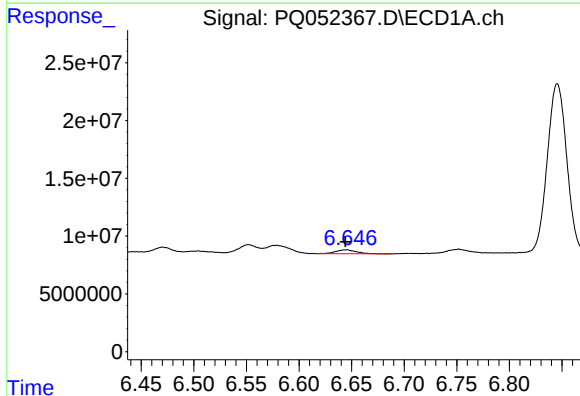
R.T.: 6.578 min
Delta R.T.: 0.001 min
Response: 10089760
Conc: 9.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



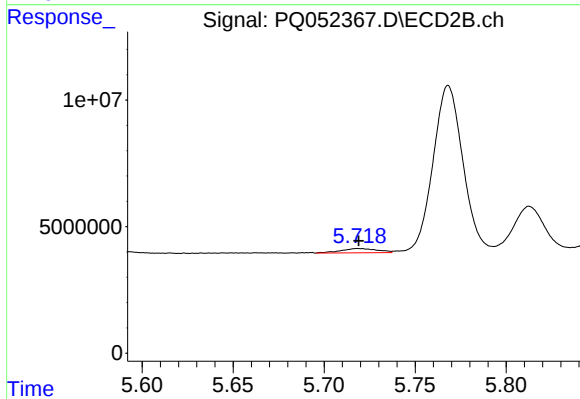
#17 AR-1242-2

R.T.: 5.524 min
Delta R.T.: -0.002 min
Response: 2863208
Conc: 7.79 ng/ml



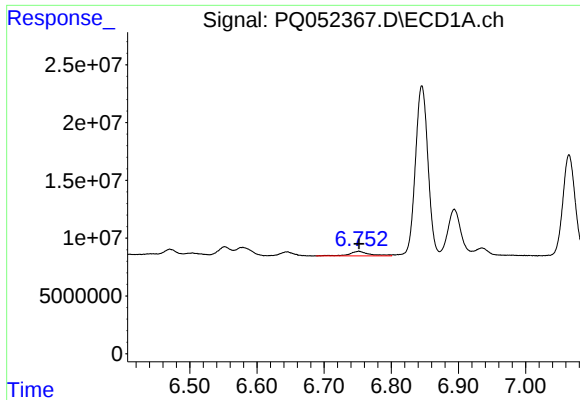
#18 AR-1242-3

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 4356341
Conc: 7.17 ng/ml



#18 AR-1242-3

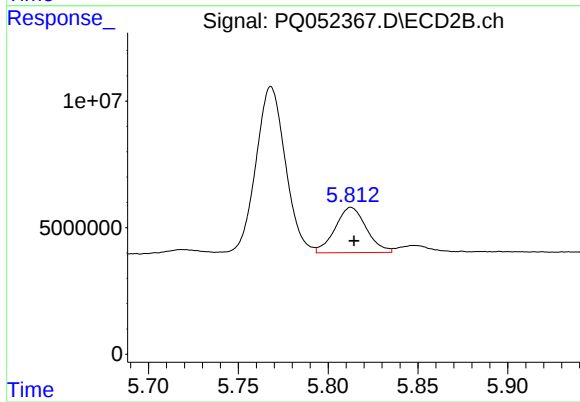
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 2293540
Conc: 12.03 ng/ml



#19 AR-1242-4

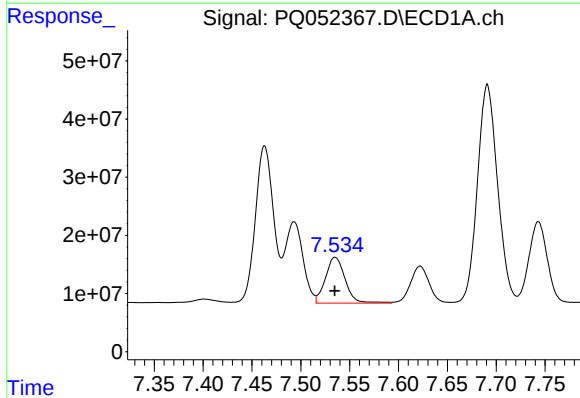
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 7862802
Conc: 15.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



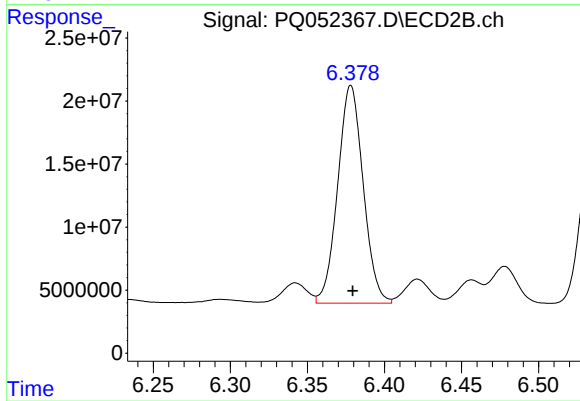
#19 AR-1242-4

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 21712222
Conc: 122.94 ng/ml



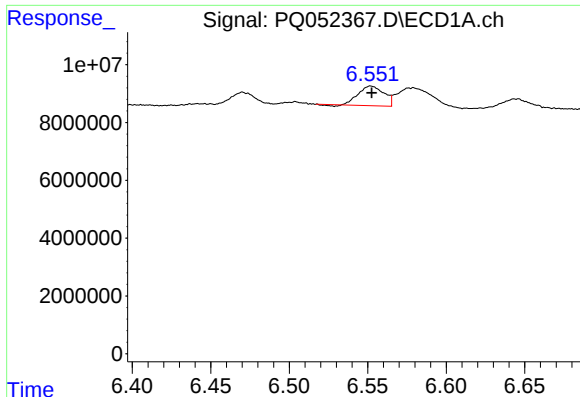
#20 AR-1242-5

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 110473538
Conc: 195.82 ng/ml



#20 AR-1242-5

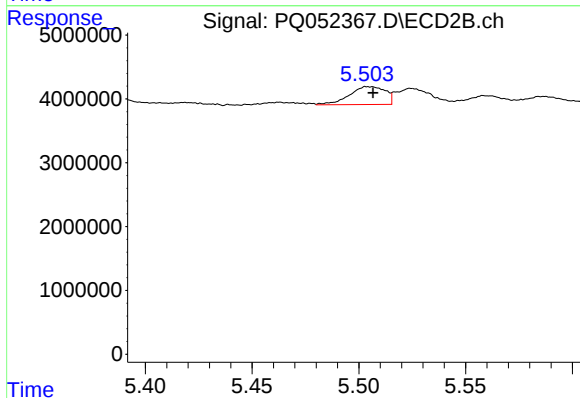
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 198776148
Conc: 792.84 ng/ml



#21 AR-1248-1

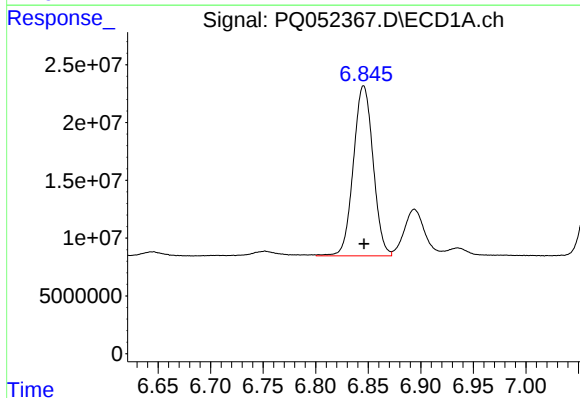
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 7509205
Conc: 13.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



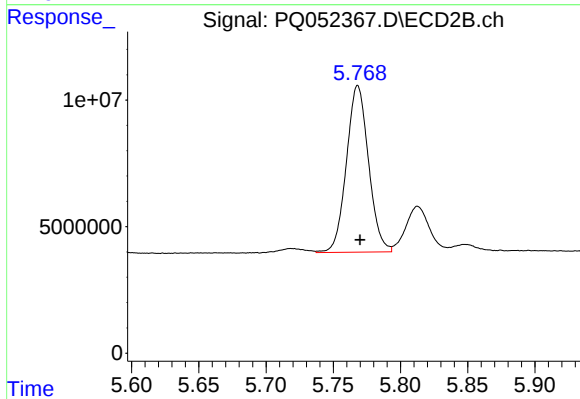
#21 AR-1248-1

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 3293821
Conc: 16.02 ng/ml



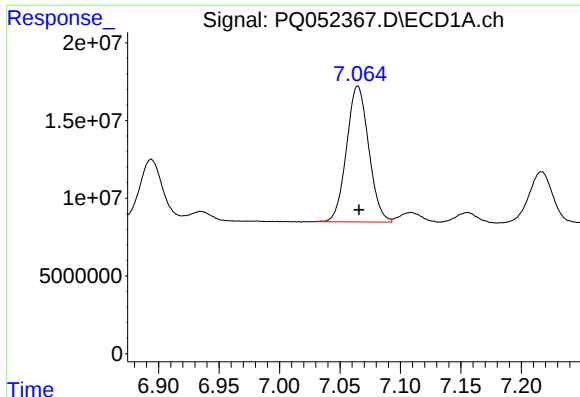
#22 AR-1248-2

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 191771196
Conc: 249.50 ng/ml



#22 AR-1248-2

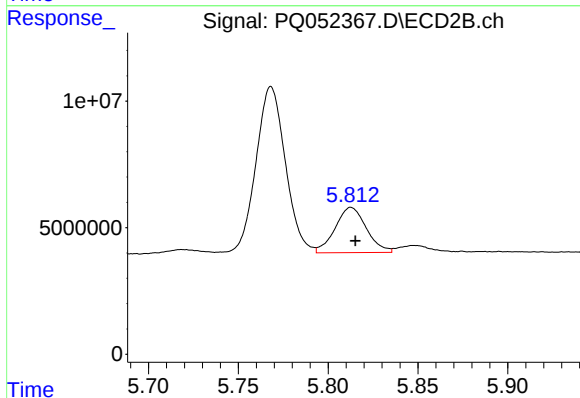
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 75399183
Conc: 278.96 ng/ml



#23 AR-1248-3

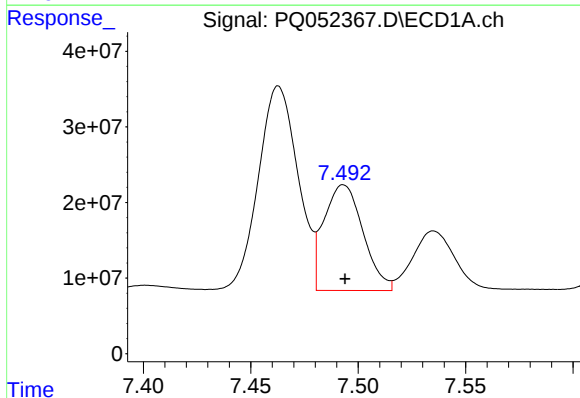
R.T.: 7.065 min
Delta R.T.: -0.001 min
Response: 111295898
Conc: 126.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



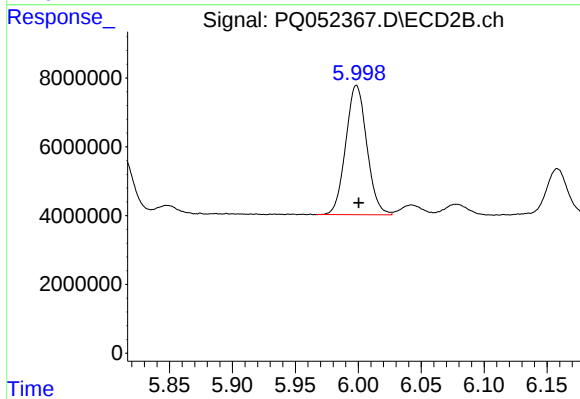
#23 AR-1248-3

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 21712222
Conc: 77.86 ng/ml



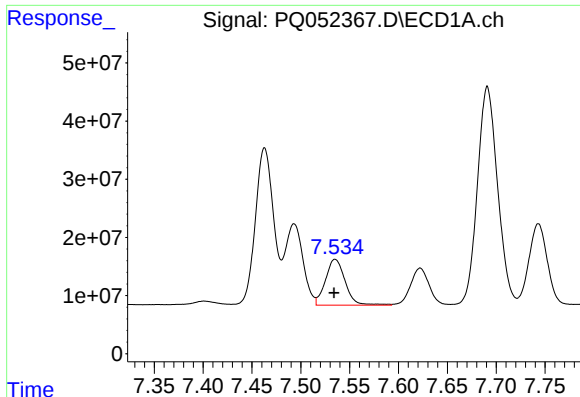
#24 AR-1248-4

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 177070397
Conc: 170.31 ng/ml



#24 AR-1248-4

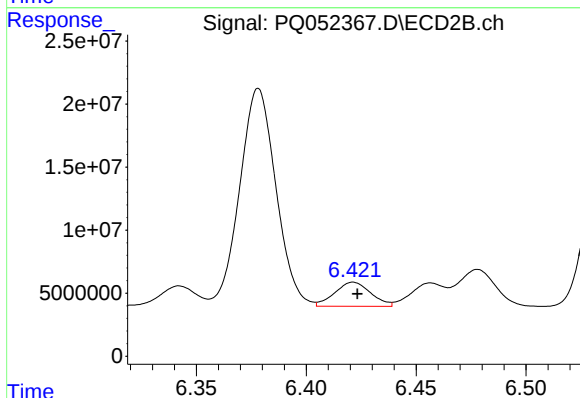
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 43852548
Conc: 131.79 ng/ml



#25 AR-1248-5

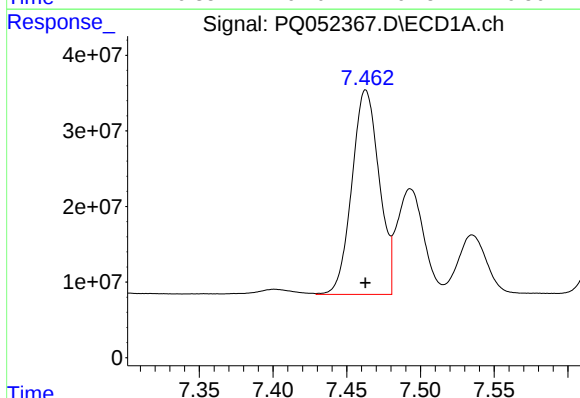
R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 110473538
Conc: 107.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



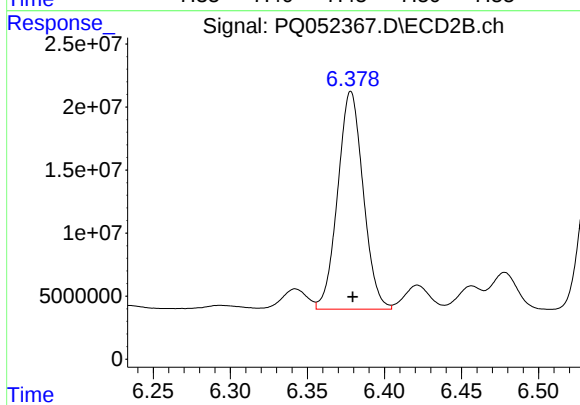
#25 AR-1248-5

R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 21841745
Conc: 61.09 ng/ml



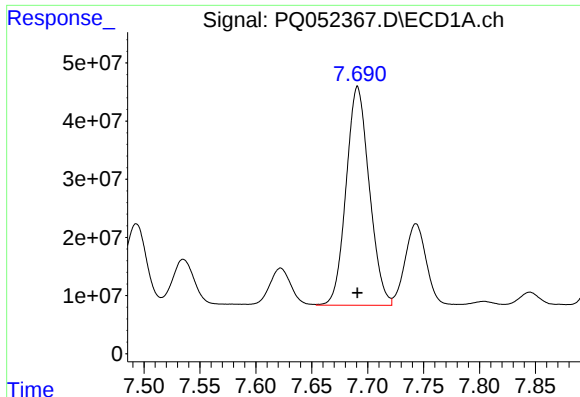
#26 AR-1254-1

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 347994456
Conc: 350.30 ng/ml



#26 AR-1254-1

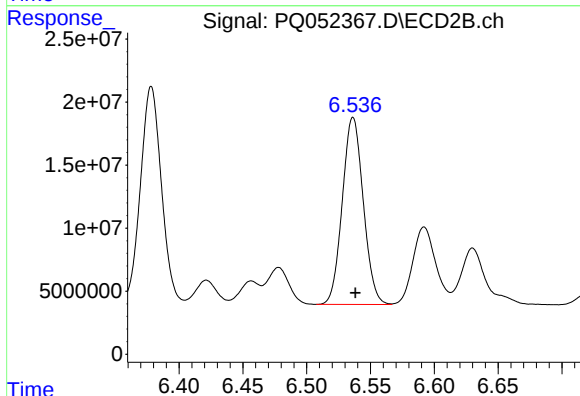
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 198776148
Conc: 372.74 ng/ml



#27 AR-1254-2

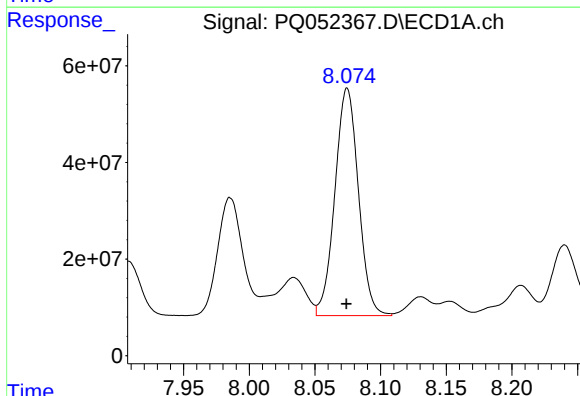
R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 541992877
Conc: 350.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



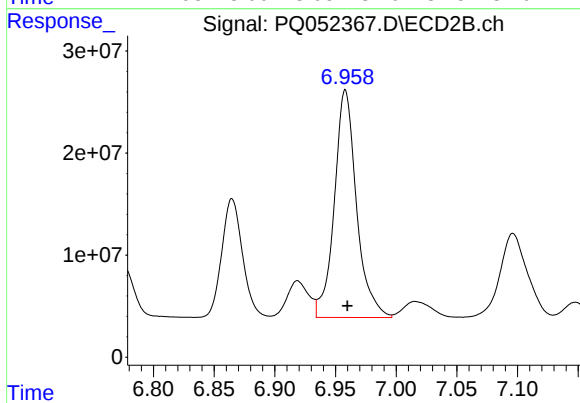
#27 AR-1254-2

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 169889080
Conc: 372.05 ng/ml



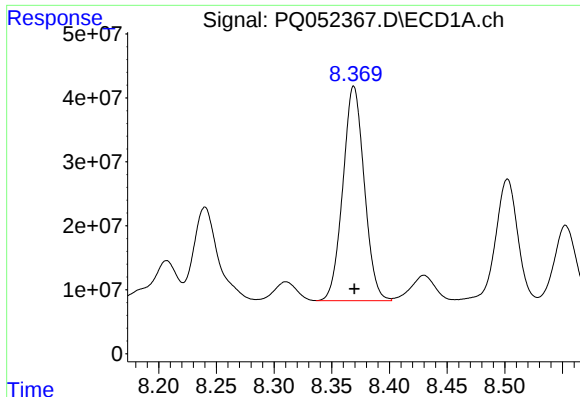
#28 AR-1254-3

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 587111349
Conc: 347.37 ng/ml



#28 AR-1254-3

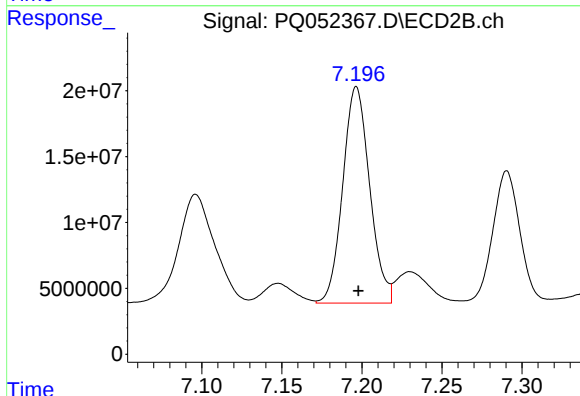
R.T.: 6.958 min
Delta R.T.: -0.002 min
Response: 283981938
Conc: 377.63 ng/ml



#29 AR-1254-4

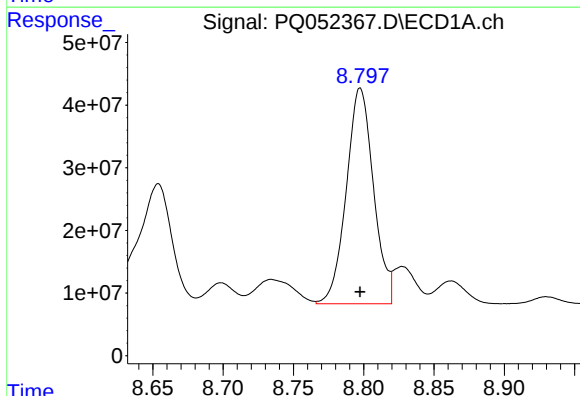
R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 433160348
Conc: 345.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



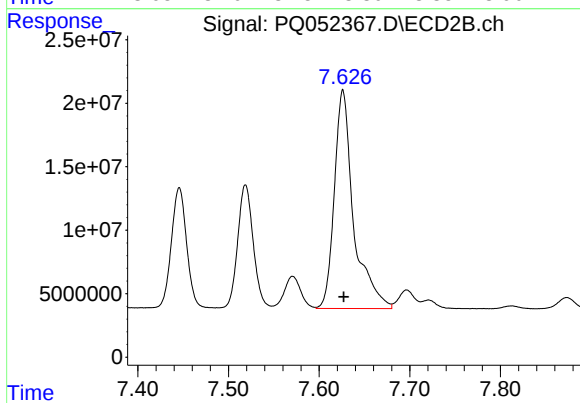
#29 AR-1254-4

R.T.: 7.197 min
Delta R.T.: -0.001 min
Response: 191995876
Conc: 380.54 ng/ml



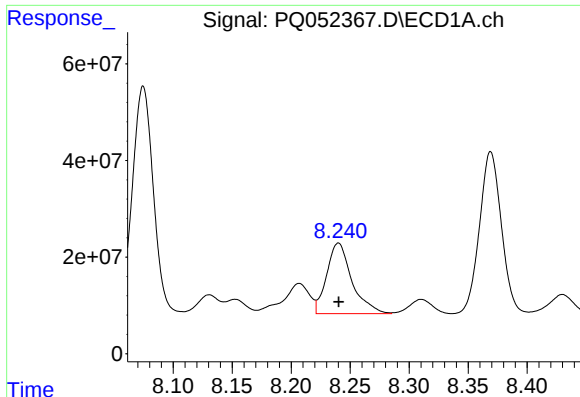
#30 AR-1254-5

R.T.: 8.798 min
Delta R.T.: 0.000 min
Response: 464250194
Conc: 345.47 ng/ml



#30 AR-1254-5

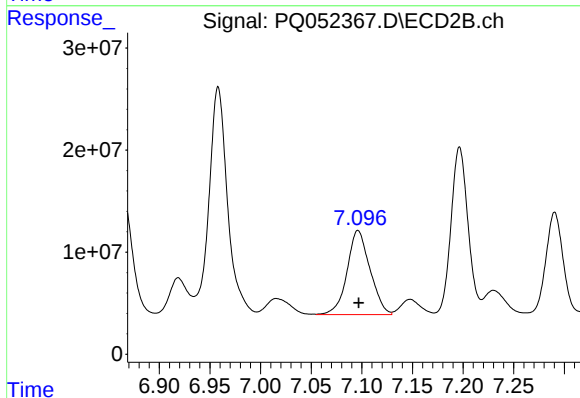
R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 253428157
Conc: 372.61 ng/ml



#31 AR-1260-1

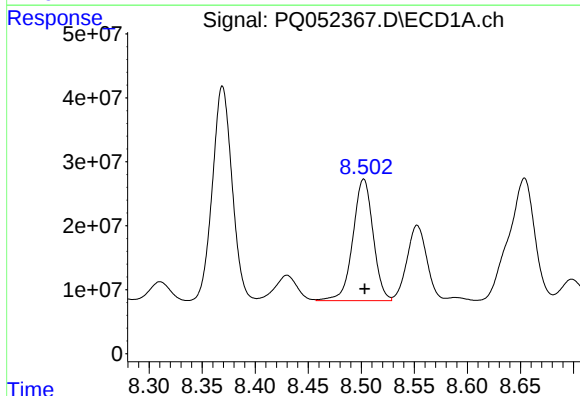
R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 21766007
Conc: 217.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



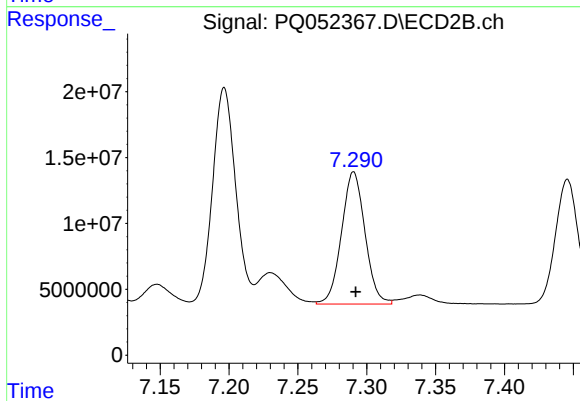
#31 AR-1260-1

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 129585364
Conc: 316.39 ng/ml



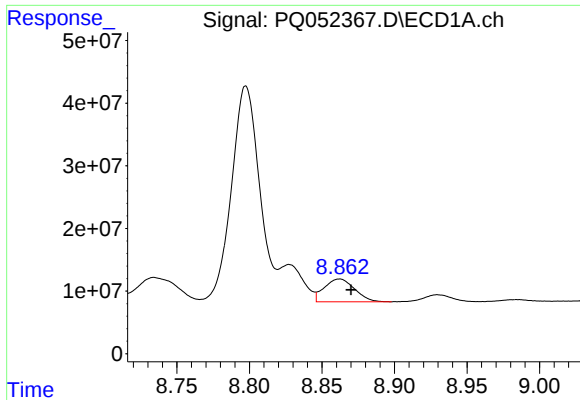
#32 AR-1260-2

R.T.: 8.502 min
Delta R.T.: 0.000 min
Response: 252502349
Conc: 205.57 ng/ml



#32 AR-1260-2

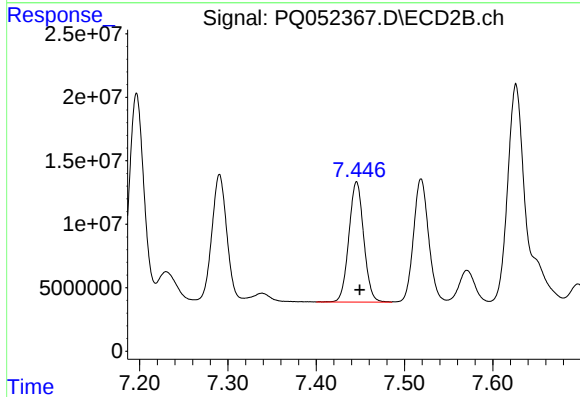
R.T.: 7.290 min
Delta R.T.: -0.001 min
Response: 119003442
Conc: 224.13 ng/ml



#33 AR-1260-3

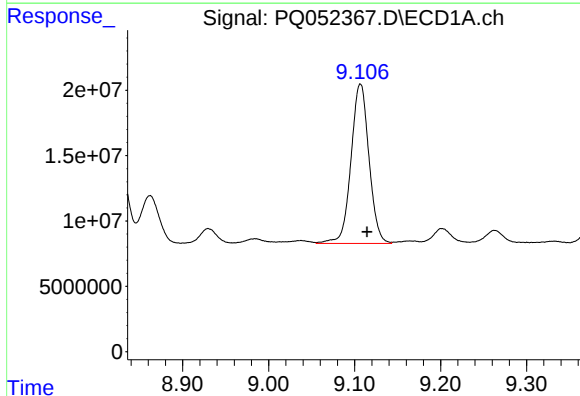
R.T.: 8.862 min
Delta R.T.: -0.008 min
Response: 53365772
Conc: 58.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



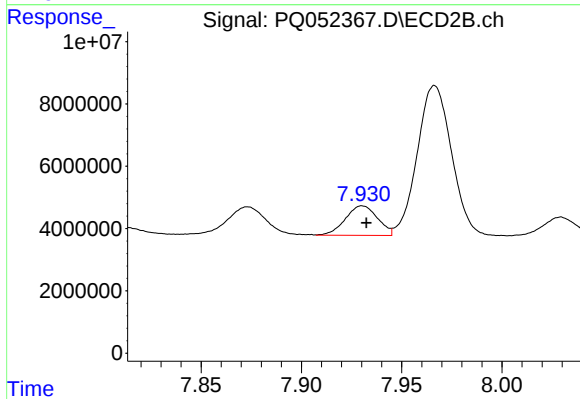
#33 AR-1260-3

R.T.: 7.446 min
Delta R.T.: -0.003 min
Response: 110554115
Conc: 231.33 ng/ml



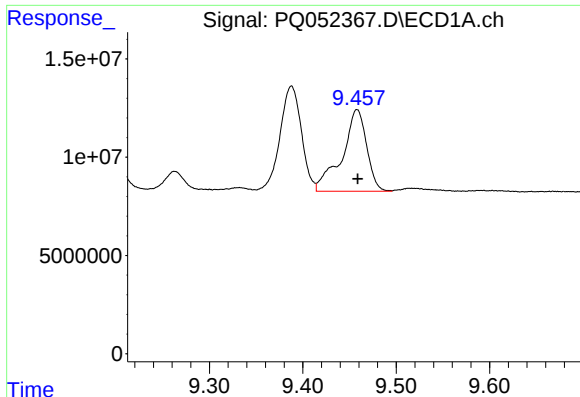
#34 AR-1260-4

R.T.: 9.107 min
Delta R.T.: -0.008 min
Response: 177432154
Conc: 164.68 ng/ml



#34 AR-1260-4

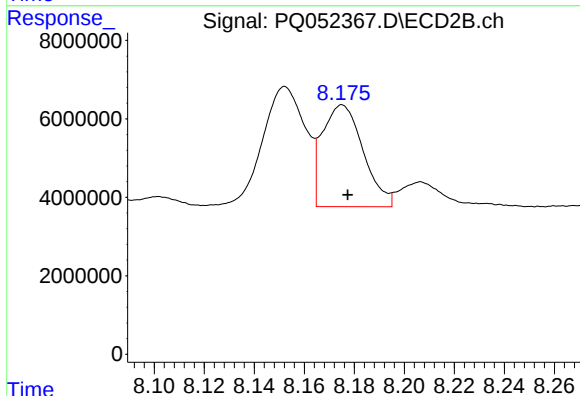
R.T.: 7.930 min
Delta R.T.: -0.002 min
Response: 10549625
Conc: 26.05 ng/ml



#35 AR-1260-5

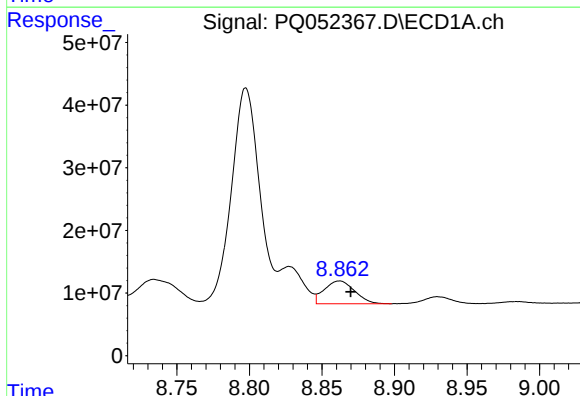
R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 76378349
Conc: 33.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



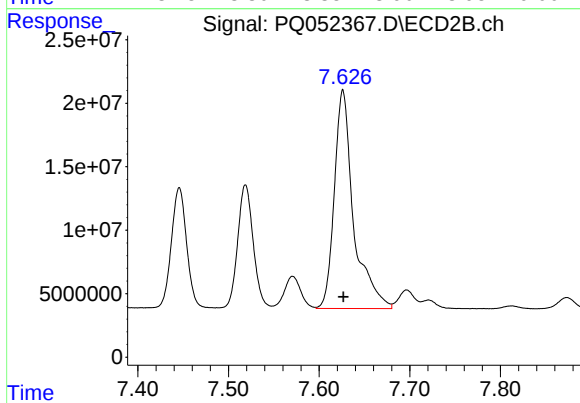
#35 AR-1260-5

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 29494470
Conc: 27.39 ng/ml



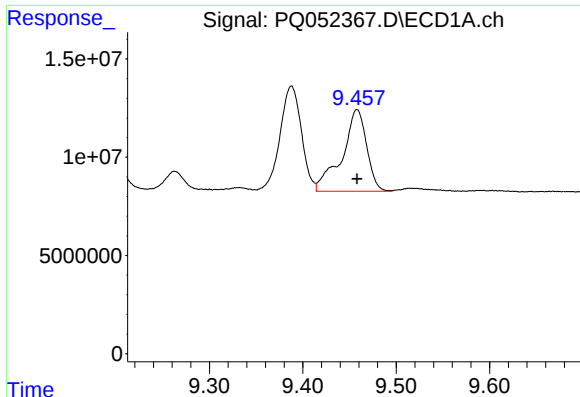
#36 AR-1262-1

R.T.: 8.862 min
Delta R.T.: -0.008 min
Response: 53365772
Conc: 33.89 ng/ml



#36 AR-1262-1

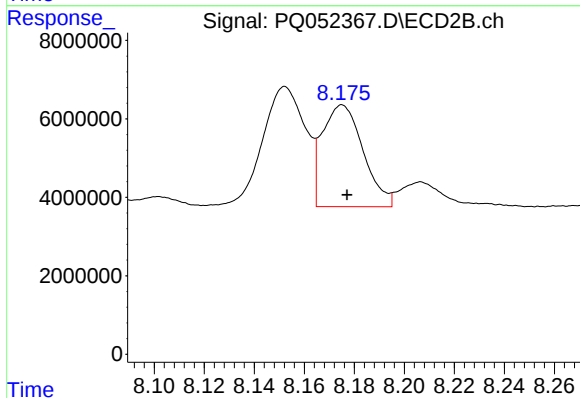
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 253428157
Conc: 733.91 ng/ml



#37 AR-1262-2

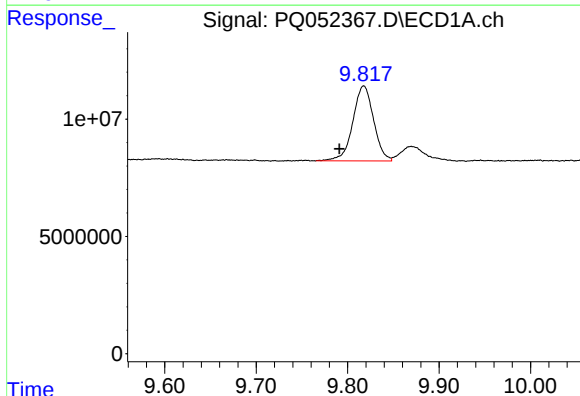
R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 76378349
Conc: 25.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



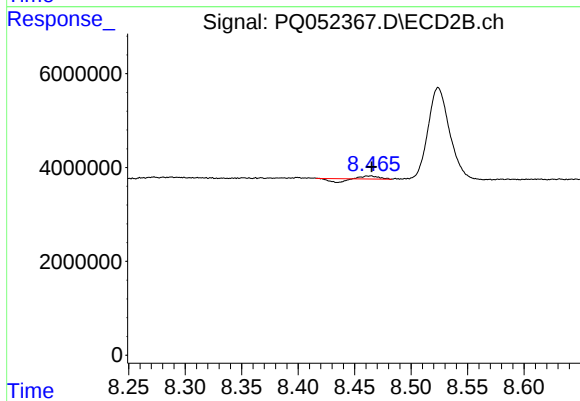
#37 AR-1262-2

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 29494470
Conc: 21.99 ng/ml



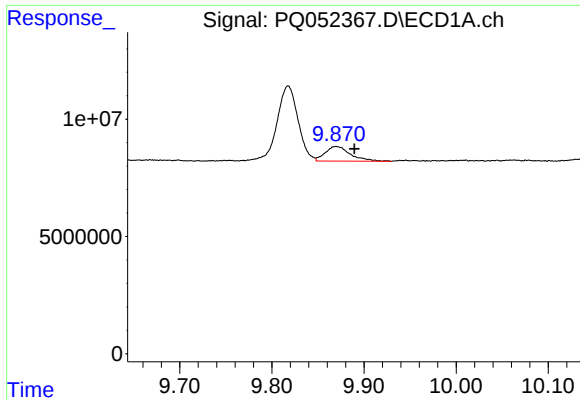
#38 AR-1262-3

R.T.: 9.818 min
Delta R.T.: 0.027 min
Response: 50498631
Conc: 25.37 ng/ml



#38 AR-1262-3

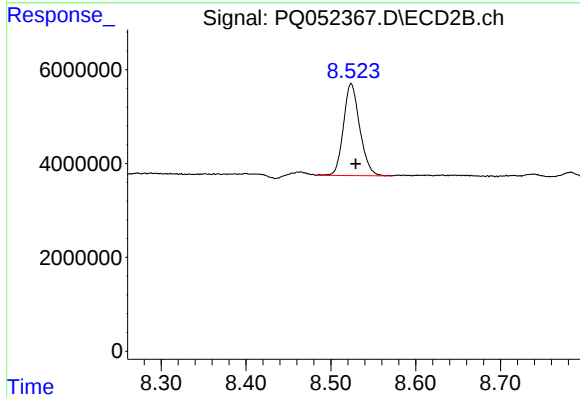
R.T.: 8.464 min
Delta R.T.: -0.001 min
Response: 8862
Conc: 0.02 ng/ml



#39 AR-1262-4

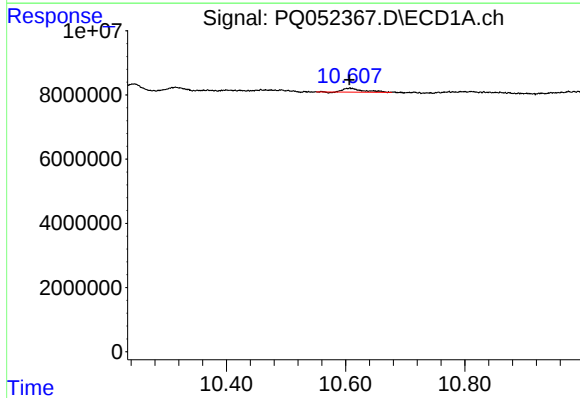
R.T.: 9.870 min
Delta R.T.: -0.020 min
Response: 11874217
Conc: 7.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



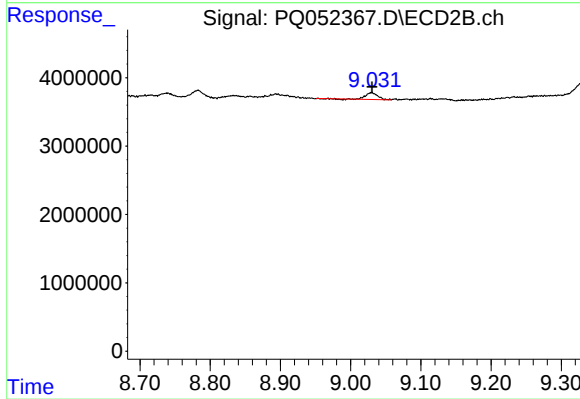
#39 AR-1262-4

R.T.: 8.524 min
Delta R.T.: -0.005 min
Response: 26217440
Conc: 26.83 ng/ml



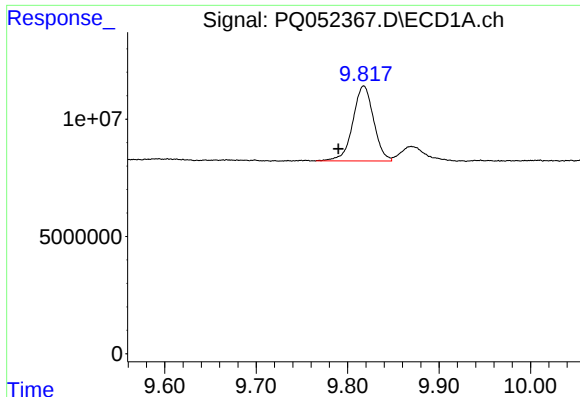
#40 AR-1262-5

R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 2784684
Conc: 2.56 ng/ml



#40 AR-1262-5

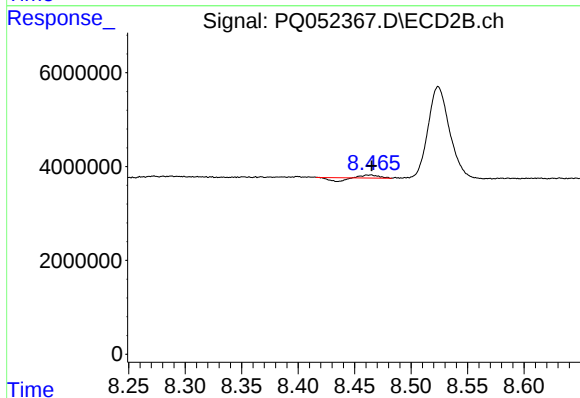
R.T.: 9.030 min
Delta R.T.: 0.000 min
Response: 1120311
Conc: 2.47 ng/ml



#41 AR-1268-1

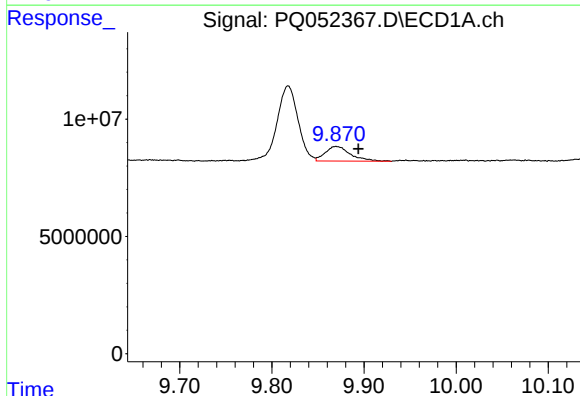
R.T.: 9.818 min
Delta R.T.: 0.028 min
Response: 50498631
Conc: 14.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



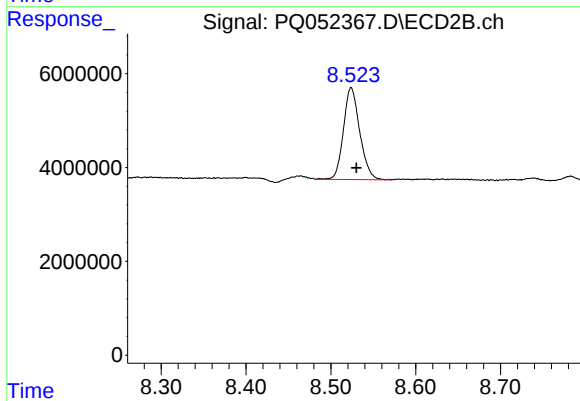
#41 AR-1268-1

R.T.: 8.464 min
Delta R.T.: -0.001 min
Response: 8862
Conc: 0.01 ng/ml



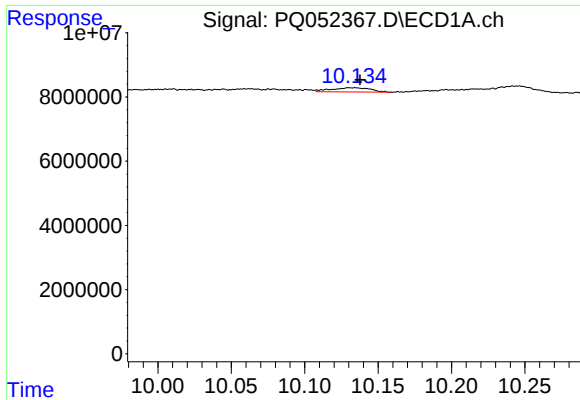
#42 AR-1268-2

R.T.: 9.870 min
Delta R.T.: -0.024 min
Response: 11874217
Conc: 3.62 ng/ml



#42 AR-1268-2

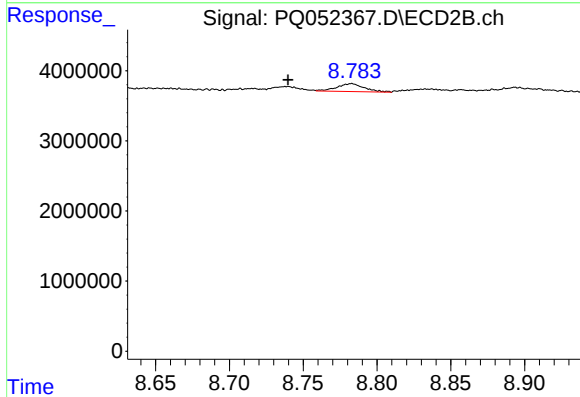
R.T.: 8.524 min
Delta R.T.: -0.006 min
Response: 26217440
Conc: 17.59 ng/ml



#43 AR-1268-3

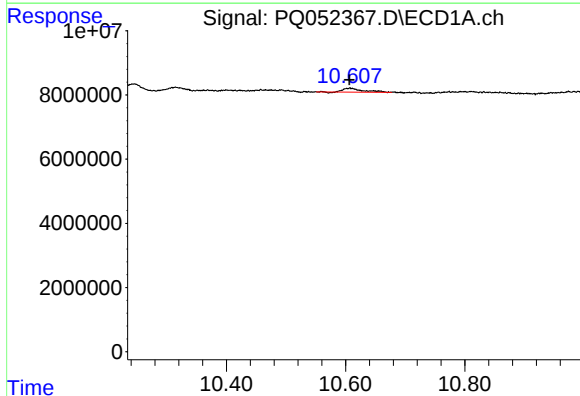
R.T.: 10.134 min
Delta R.T.: -0.004 min
Response: 2410728
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



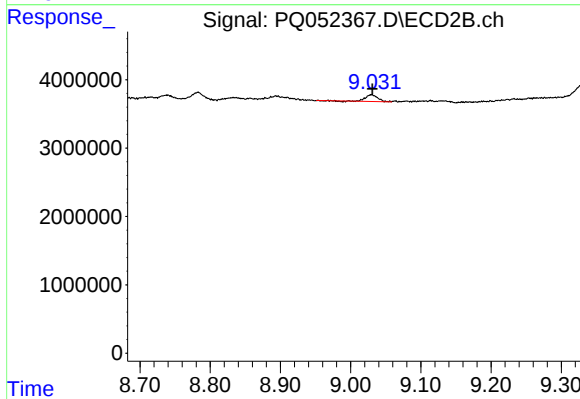
#43 AR-1268-3

R.T.: 8.783 min
Delta R.T.: 0.043 min
Response: 1493763
Conc: 1.19 ng/ml



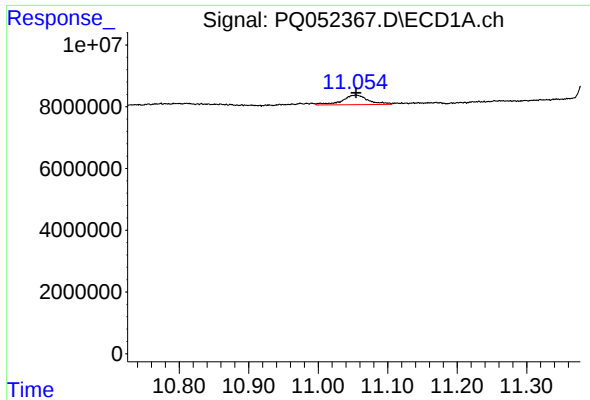
#44 AR-1268-4

R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 2784684
Conc: 2.28 ng/ml



#44 AR-1268-4

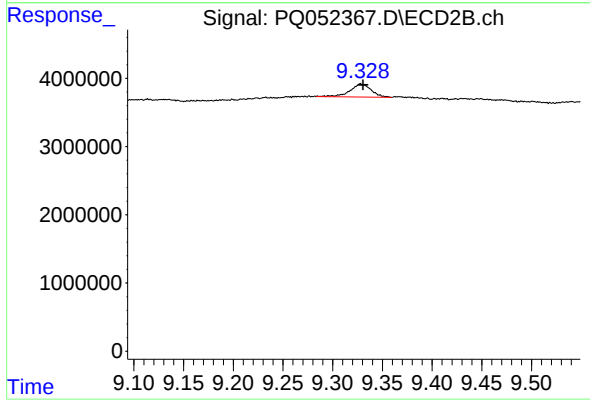
R.T.: 9.030 min
Delta R.T.: 0.000 min
Response: 1120311
Conc: 2.14 ng/ml



#45 AR-1268-5

R.T.: 11.054 min
Delta R.T.: 0.000 min
Response: 8149483
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.328 min
Delta R.T.: -0.002 min
Response: 2854394
Conc: 0.71 ng/ml