

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
 Data File : PQ045482.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2019 07:00
 Operator : SM\AJ
 Sample : K6007-12
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 08:09:53 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	4.308	77550737	46719812	23.575	27.391
2)	SA Decachlor...	11.151	9.716	290.5E6	228.5E6	44.525	43.680
Target Compounds							
3)	L1 AR-1016-1	6.434	5.603	3533599	989592	28.708	14.220 #
4)	L1 AR-1016-2	6.434	5.603	3533599	989592	18.104	9.332 #
5)	L1 AR-1016-3	6.536	5.803	1194576	648767	9.840	12.226
6)	L1 AR-1016-4	6.607	5.848	2130995	1109211	22.049	23.729
7)	L1 AR-1016-5	6.921	6.081	1658025	967590	16.321	15.257
8)	L2 AR-1221-1	5.365	0.000	556095	0	15.644	N.D. #
9)	L2 AR-1221-2	5.451	0.000	2235634	0	84.255	N.D. #
12)	L3 AR-1232-2	6.071	5.603	1659844	989592	41.495	22.296 #
13)	L3 AR-1232-3	6.434	5.803	3533599	648767	43.870	29.295 #
14)	L3 AR-1232-4	6.607	5.894	2130995	694587	53.915	30.781 #
15)	L3 AR-1232-5	6.703	6.081	2330320	967590	69.799	39.844 #
16)	L4 AR-1242-1	6.434	5.603	3533599	989592	34.171	16.777 #
17)	L4 AR-1242-2	6.434	5.603	3533599	989592	21.663	11.288 #
18)	L4 AR-1242-3	6.536	5.803	1194576	648767	11.680	14.397
19)	L4 AR-1242-4	6.607	5.894	2130995	694587	26.508	14.310 #
20)	L4 AR-1242-5	7.387	6.464	4902722	4500226	52.244	64.848
21)	L5 AR-1248-1	6.434	5.603	3533599	989592	43.610	21.385 #
22)	L5 AR-1248-2	6.703	5.848	2330320	1109211	18.336	16.455
23)	L5 AR-1248-3	6.921	5.894	1658025	694587	11.906	9.781
24)	L5 AR-1248-4	7.346	6.081	2783724	967590	17.144	11.125 #
25)	L5 AR-1248-5	7.387	6.508	4902722	1527388	31.298	16.156 #
26)	L6 AR-1254-1	7.318	6.464	8207586	4500226	49.890	31.010 #
27)	L6 AR-1254-2	7.546	6.622	12009166	5229376	45.817	39.087
28)	L6 AR-1254-3	7.928	7.064	7220311	16185417	25.255	67.522 #
29)	L6 AR-1254-4	8.221	7.289	8128069	3278434	37.511	19.635 #
30)	L6 AR-1254-5	8.649	7.721	52734700	38711346	214.303	150.230 #
31)	L7 AR-1260-1	8.095	7.184	34239495	25534104	160.267	166.811
32)	L7 AR-1260-2	8.358	7.381	40051874	32056692	164.362	160.475
33)	L7 AR-1260-3	8.725	7.541	36753967	26995955	185.404	146.728
34)	L7 AR-1260-4	8.959	8.026	37393323	30496332	163.564	168.089
35)	L7 AR-1260-5	9.290	8.274	75639682	77691447	145.353	151.852
36)	L8 AR-1262-1	8.785	7.721	18457664	38711346	133.489	265.368 #
37)	L8 AR-1262-2	9.290	8.274	75639682	77691447	116.688	119.410
38)	L8 AR-1262-3	9.612	8.561	71009384	38926966	155.204	146.127
39)	L8 AR-1262-4	9.705	8.628	56357454	75581533	154.581	144.378
40)	L8 AR-1262-5	10.381	9.141	38743634	34857110	135.933	126.747
41)	L9 AR-1268-1	9.612	8.561	71009384	38926966	84.034	48.472 #
42)	L9 AR-1268-2	9.705	8.628	56357454	75581533	68.133	99.370 #
43)	L9 AR-1268-3	9.940	8.836	9913989	8581781	14.122	13.733

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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
44) L9	AR-1268-4	10.381	9.141	38743634	34857110	117.857	109.528
45) L9	AR-1268-5	10.806	9.448	53319446	42408221	19.802	17.573

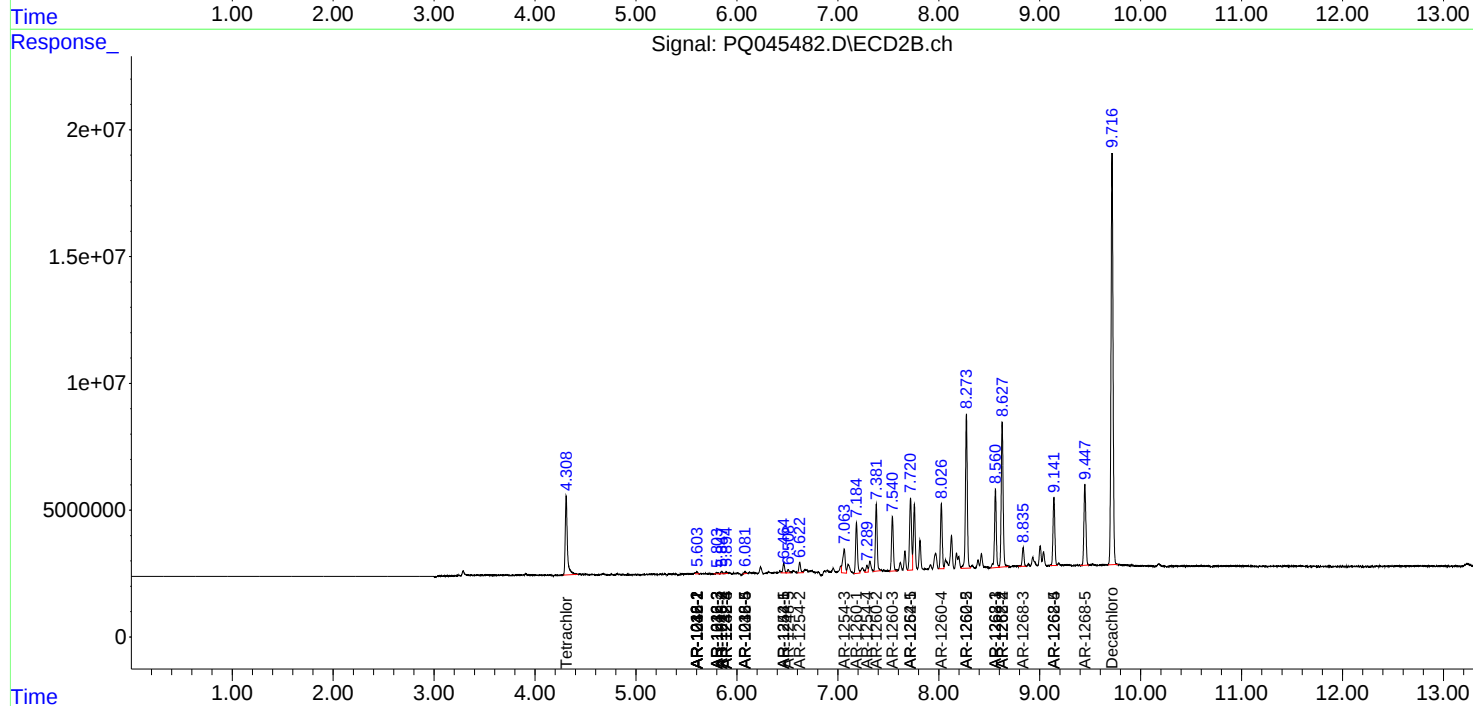
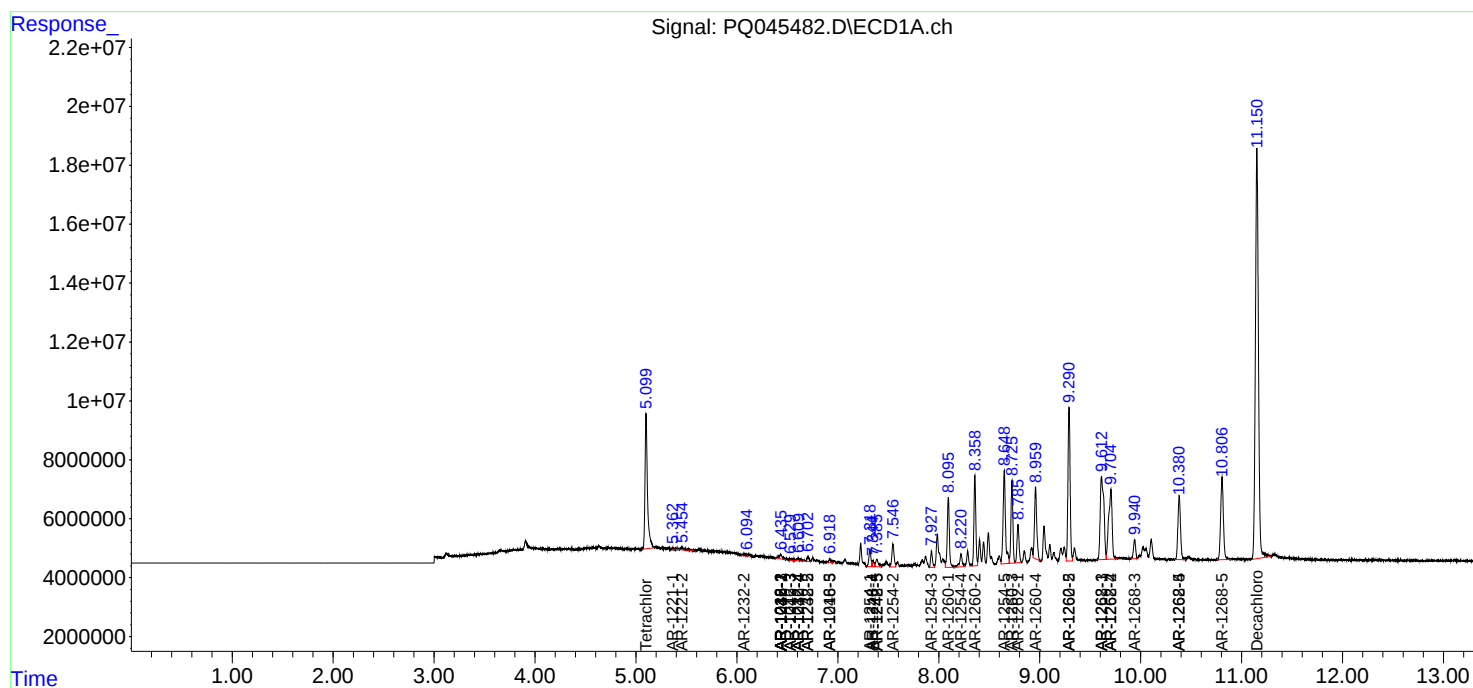
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

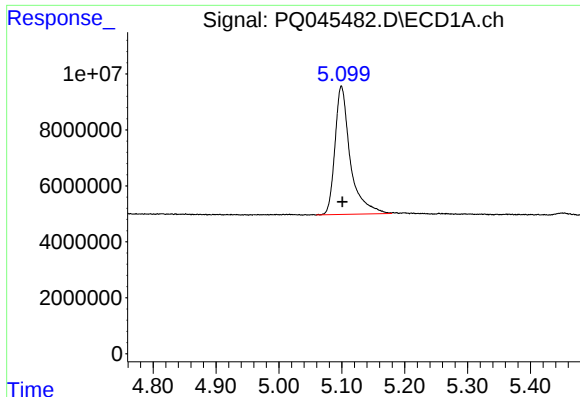
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Nov 2019 07:00
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Sample : K6007-12
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Volume 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

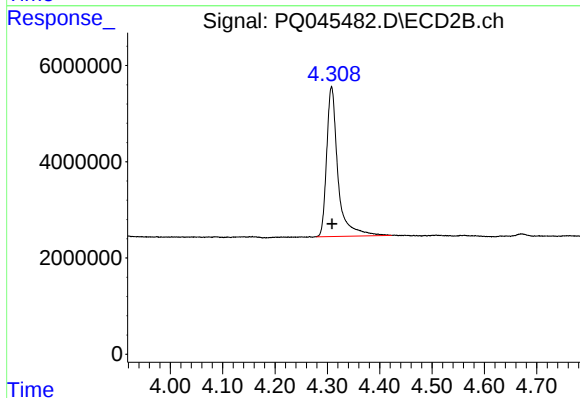




#1 Tetrachloro-m-xylene

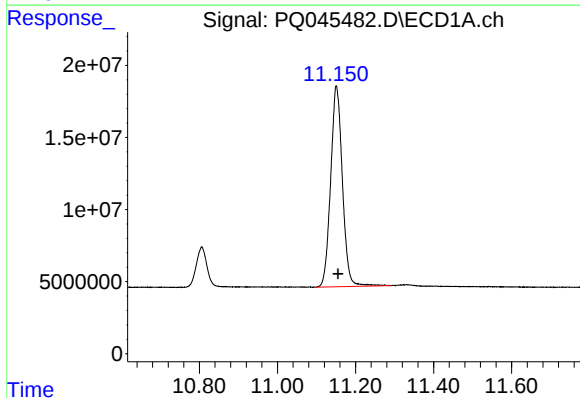
R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 77550737
Conc: 23.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



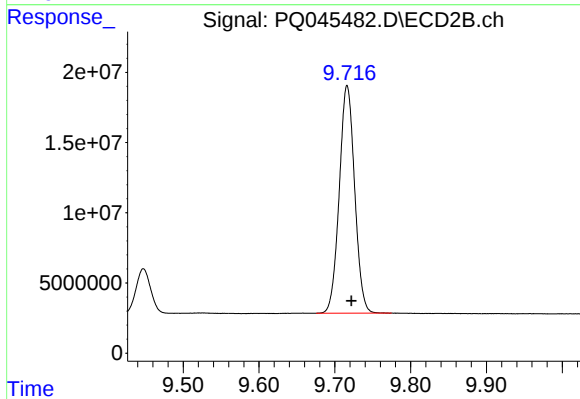
#1 Tetrachloro-m-xylene

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 46719812
Conc: 27.39 ng/ml



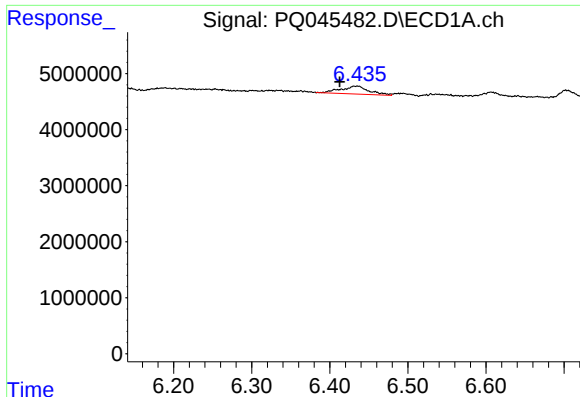
#2 Decachlorobiphenyl

R.T.: 11.151 min
Delta R.T.: -0.004 min
Response: 290543349
Conc: 44.53 ng/ml



#2 Decachlorobiphenyl

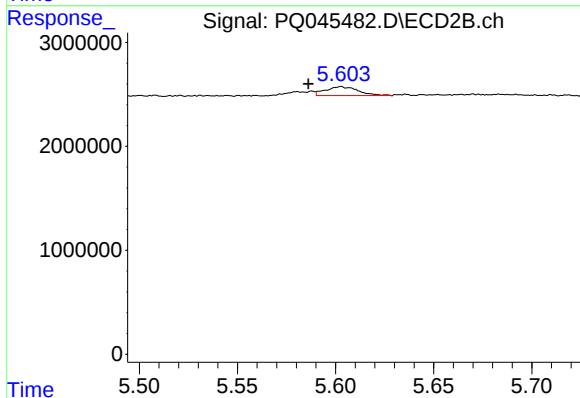
R.T.: 9.716 min
Delta R.T.: -0.006 min
Response: 228543285
Conc: 43.68 ng/ml



#3 AR-1016-1

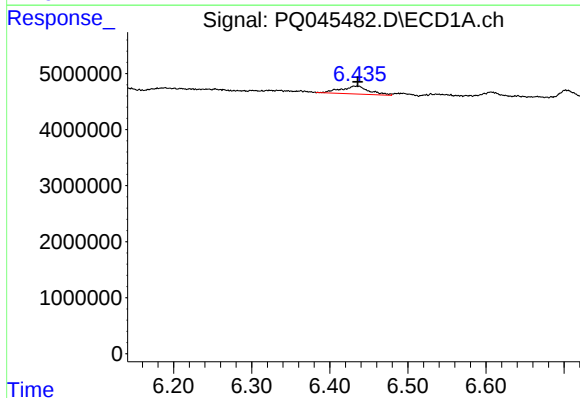
R.T.: 6.434 min
Delta R.T.: 0.021 min
Response: 3533599
Conc: 28.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



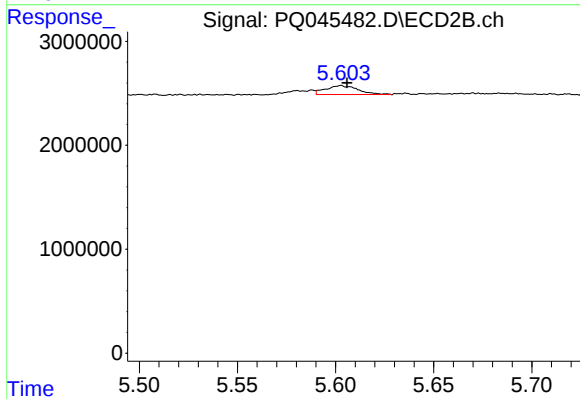
#3 AR-1016-1

R.T.: 5.603 min
Delta R.T.: 0.017 min
Response: 989592
Conc: 14.22 ng/ml



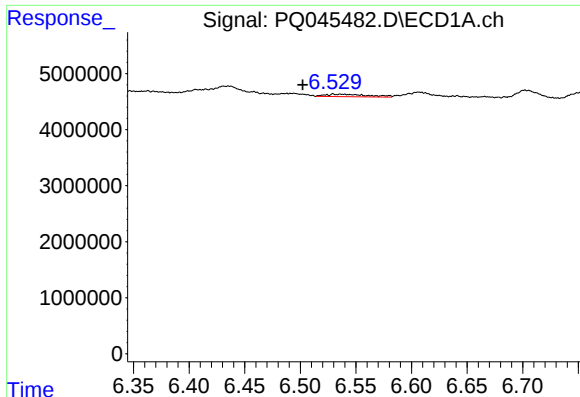
#4 AR-1016-2

R.T.: 6.434 min
Delta R.T.: -0.002 min
Response: 3533599
Conc: 18.10 ng/ml



#4 AR-1016-2

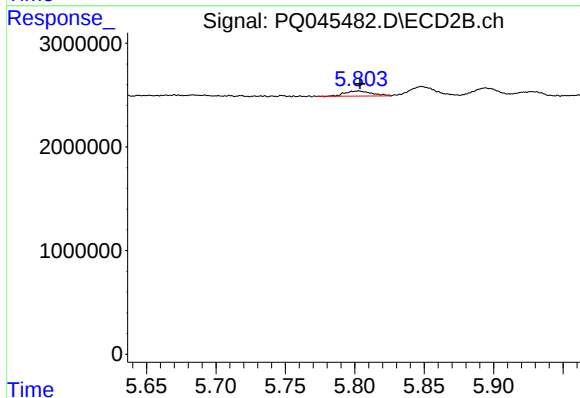
R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 989592
Conc: 9.33 ng/ml



#5 AR-1016-3

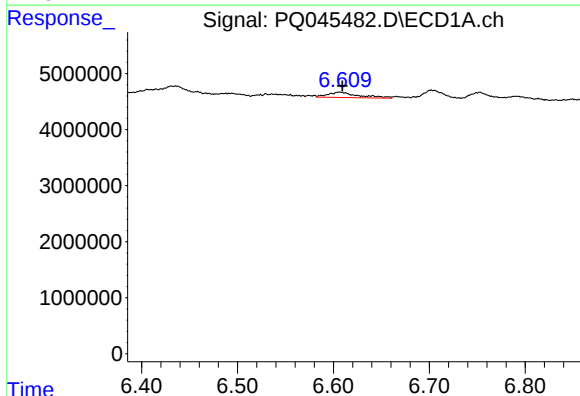
R.T.: 6.536 min
Delta R.T.: 0.033 min
Response: 1194576
Conc: 9.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



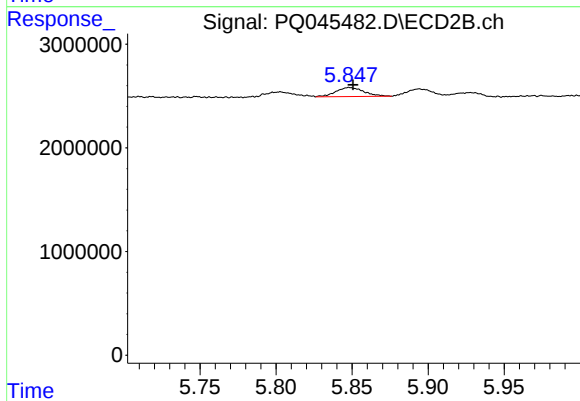
#5 AR-1016-3

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 648767
Conc: 12.23 ng/ml



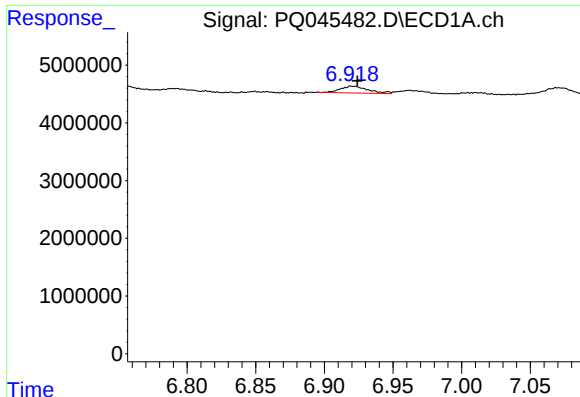
#6 AR-1016-4

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 2130995
Conc: 22.05 ng/ml



#6 AR-1016-4

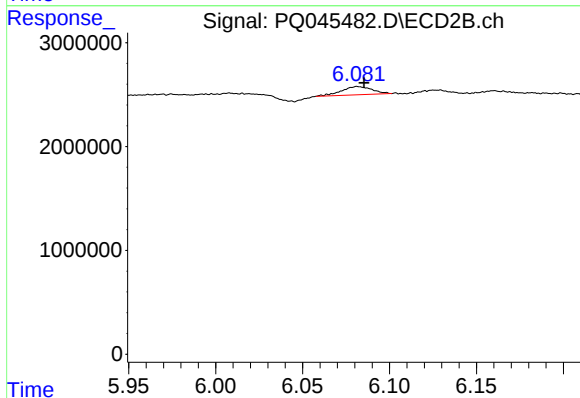
R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 1109211
Conc: 23.73 ng/ml



#7 AR-1016-5

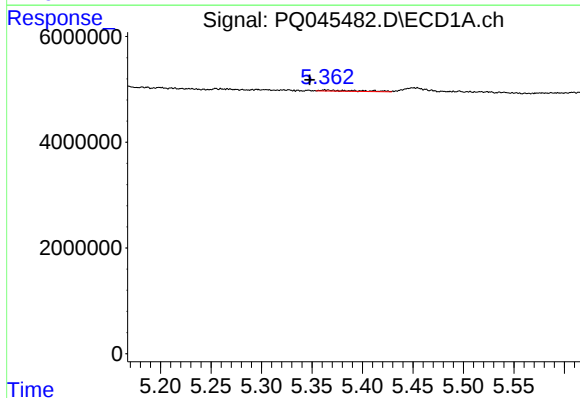
R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 1658025
Conc: 16.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



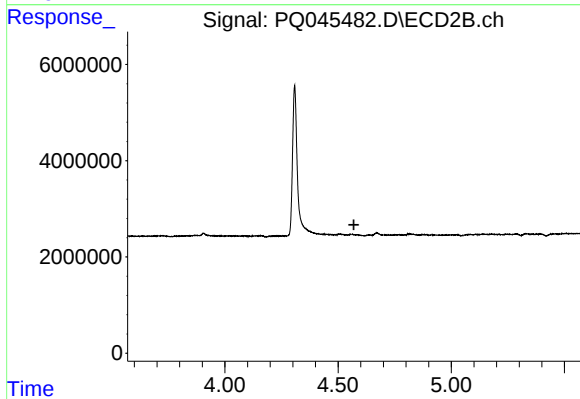
#7 AR-1016-5

R.T.: 6.081 min
Delta R.T.: -0.004 min
Response: 967590
Conc: 15.26 ng/ml



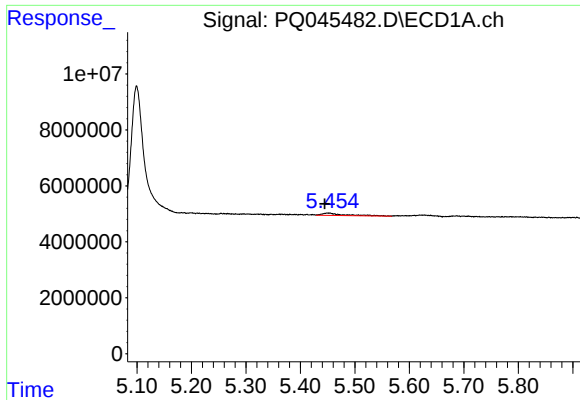
#8 AR-1221-1

R.T.: 5.365 min
Delta R.T.: 0.017 min
Response: 556095
Conc: 15.64 ng/ml



#8 AR-1221-1

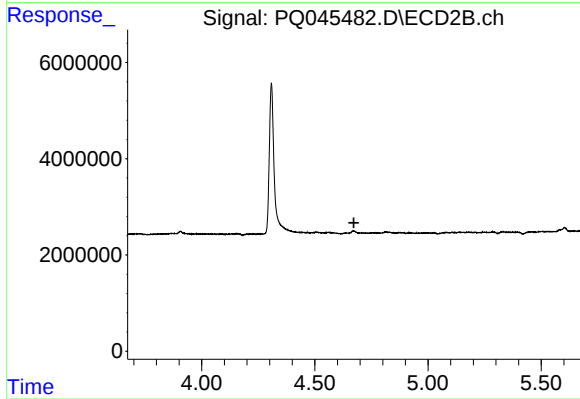
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#9 AR-1221-2

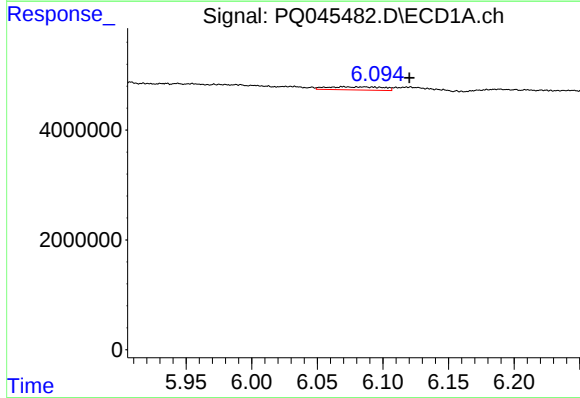
R.T.: 5.451 min
Delta R.T.: 0.007 min
Response: 2235634
Conc: 84.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



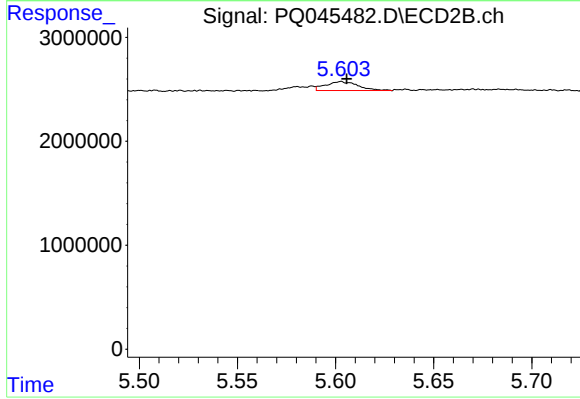
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.672 min
Response: 0
Conc: N.D.



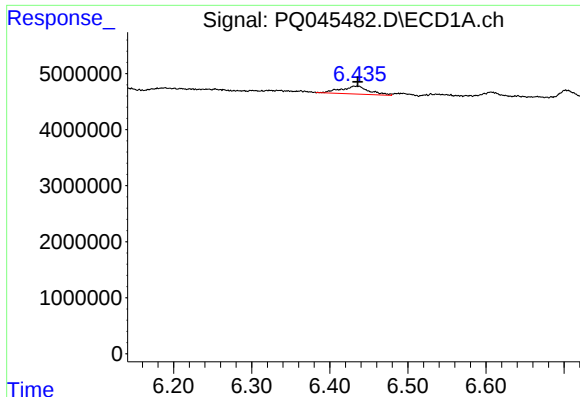
#12 AR-1232-2

R.T.: 6.071 min
Delta R.T.: -0.050 min
Response: 1659844
Conc: 41.49 ng/ml



#12 AR-1232-2

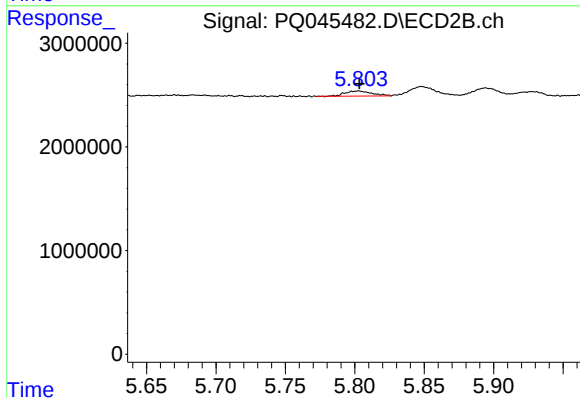
R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 989592
Conc: 22.30 ng/ml



#13 AR-1232-3

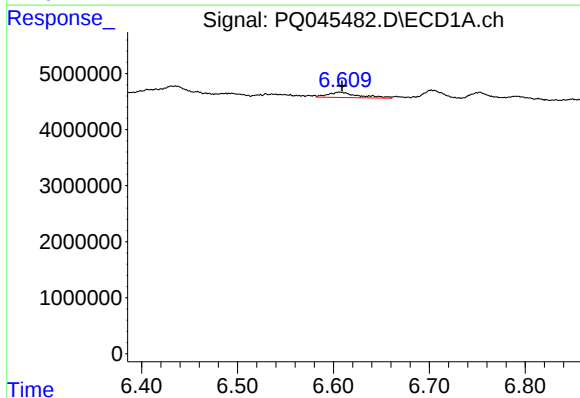
R.T.: 6.434 min
Delta R.T.: -0.002 min
Response: 3533599
Conc: 43.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



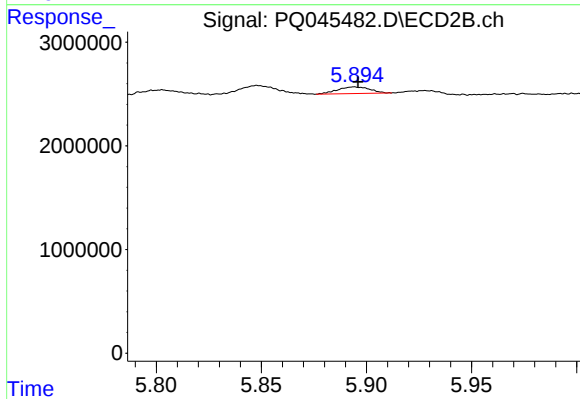
#13 AR-1232-3

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 648767
Conc: 29.29 ng/ml



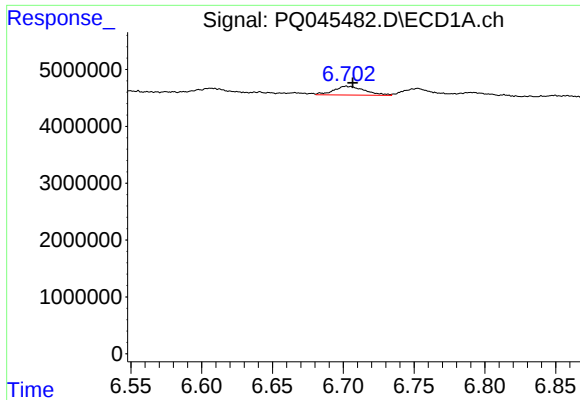
#14 AR-1232-4

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 2130995
Conc: 53.92 ng/ml



#14 AR-1232-4

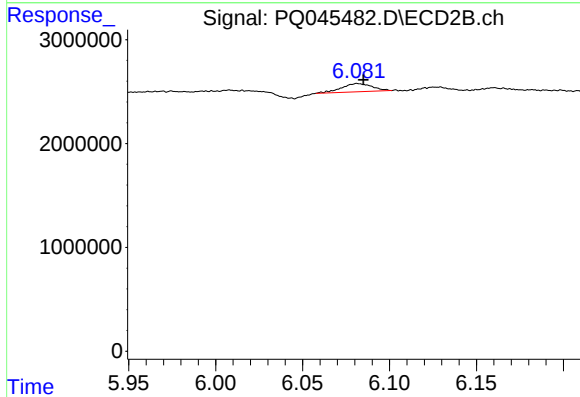
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 694587
Conc: 30.78 ng/ml



#15 AR-1232-5

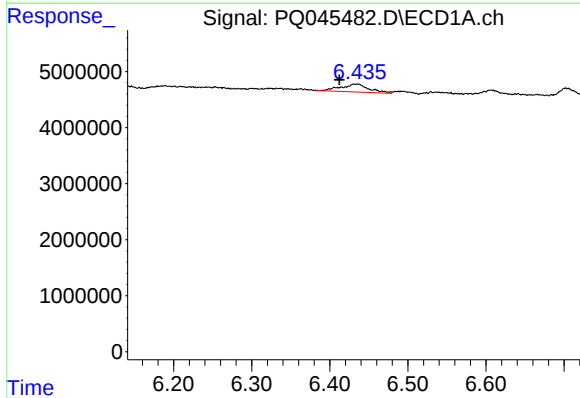
R.T.: 6.703 min
Delta R.T.: -0.004 min
Response: 2330320
Conc: 69.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



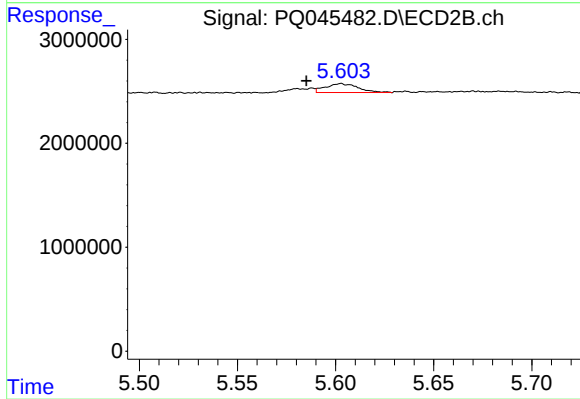
#15 AR-1232-5

R.T.: 6.081 min
Delta R.T.: -0.004 min
Response: 967590
Conc: 39.84 ng/ml



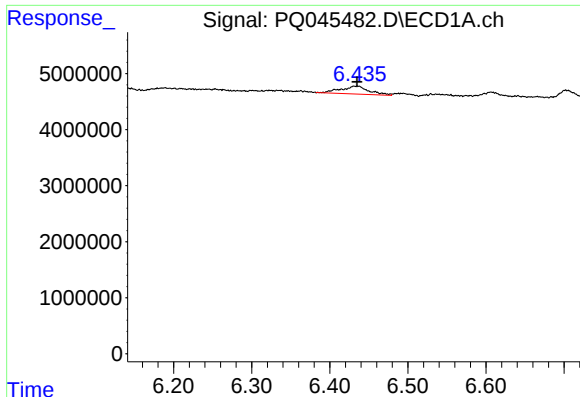
#16 AR-1242-1

R.T.: 6.434 min
Delta R.T.: 0.022 min
Response: 3533599
Conc: 34.17 ng/ml



#16 AR-1242-1

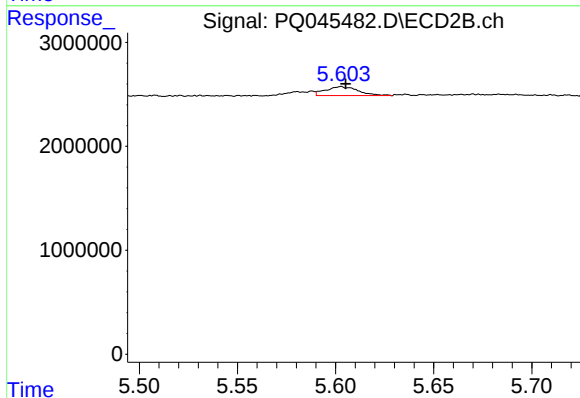
R.T.: 5.603 min
Delta R.T.: 0.018 min
Response: 989592
Conc: 16.78 ng/ml



#17 AR-1242-2

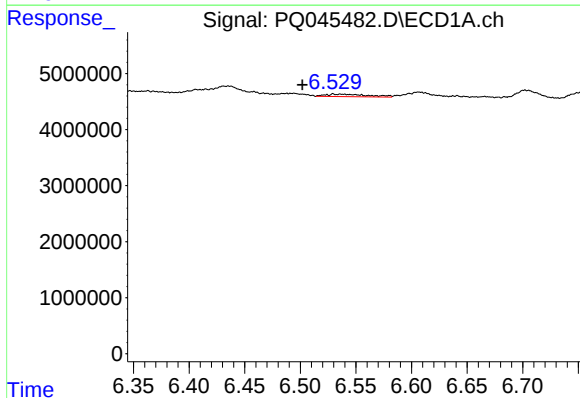
R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 3533599
Conc: 21.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



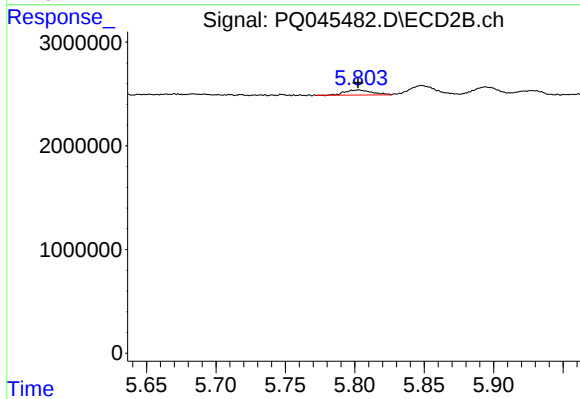
#17 AR-1242-2

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 989592
Conc: 11.29 ng/ml



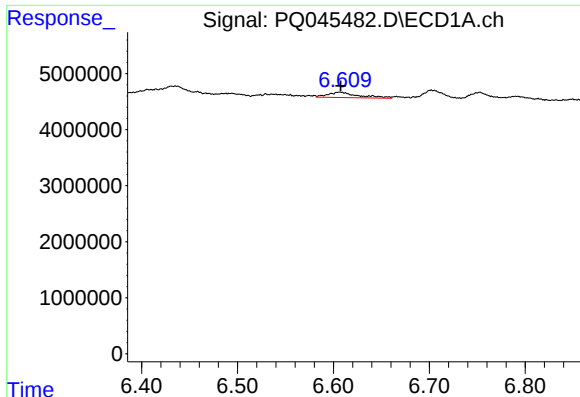
#18 AR-1242-3

R.T.: 6.536 min
Delta R.T.: 0.034 min
Response: 1194576
Conc: 11.68 ng/ml



#18 AR-1242-3

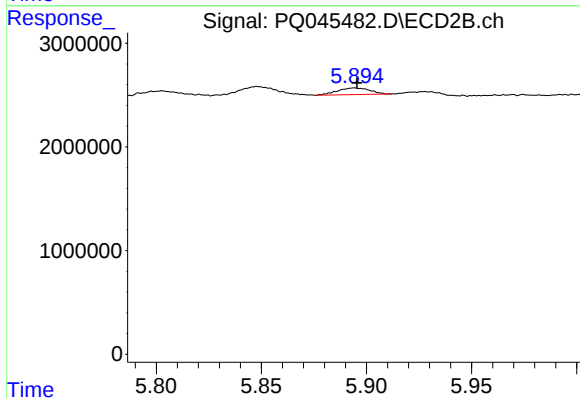
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 648767
Conc: 14.40 ng/ml



#19 AR-1242-4

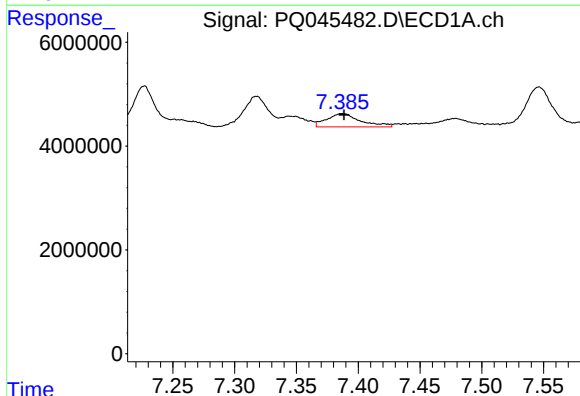
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 2130995
Conc: 26.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



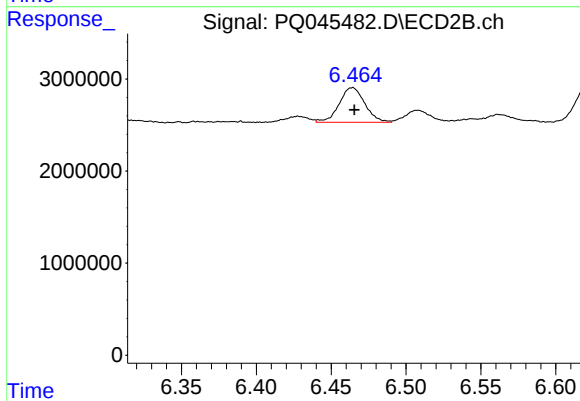
#19 AR-1242-4

R.T.: 5.894 min
Delta R.T.: -0.001 min
Response: 694587
Conc: 14.31 ng/ml



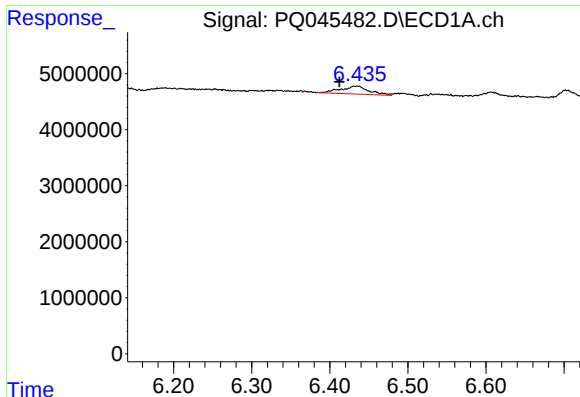
#20 AR-1242-5

R.T.: 7.387 min
Delta R.T.: -0.001 min
Response: 4902722
Conc: 52.24 ng/ml



#20 AR-1242-5

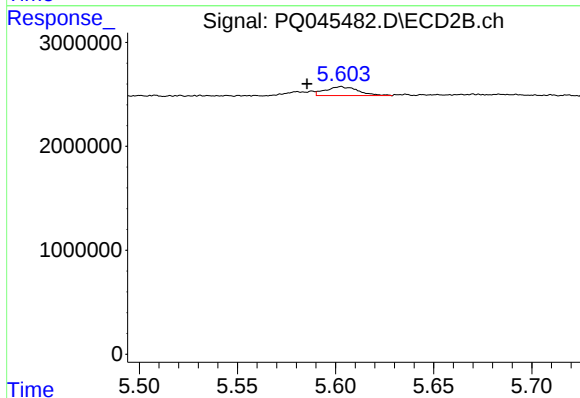
R.T.: 6.464 min
Delta R.T.: -0.001 min
Response: 4500226
Conc: 64.85 ng/ml



#21 AR-1248-1

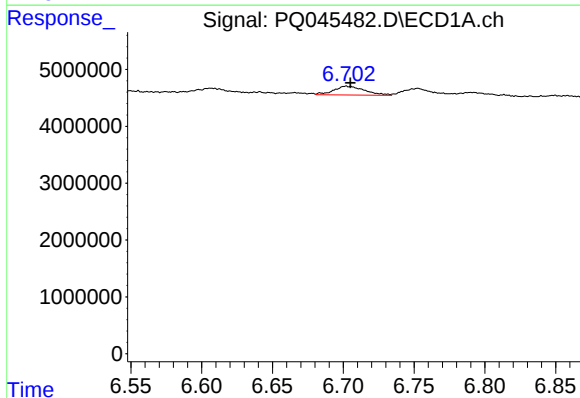
R.T.: 6.434 min
Delta R.T.: 0.022 min
Response: 3533599
Conc: 43.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



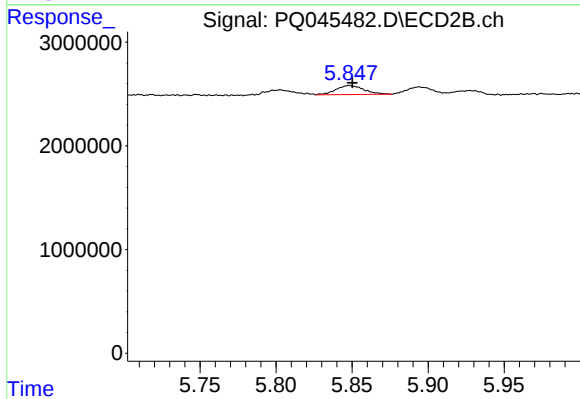
#21 AR-1248-1

R.T.: 5.603 min
Delta R.T.: 0.017 min
Response: 989592
Conc: 21.39 ng/ml



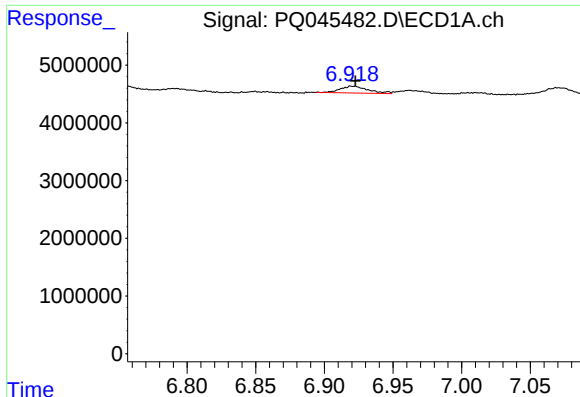
#22 AR-1248-2

R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 2330320
Conc: 18.34 ng/ml



#22 AR-1248-2

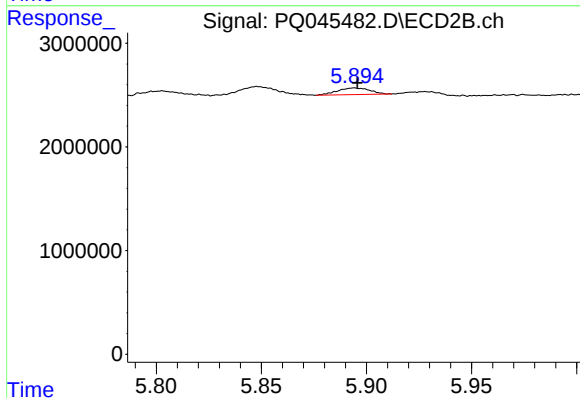
R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 1109211
Conc: 16.46 ng/ml



#23 AR-1248-3

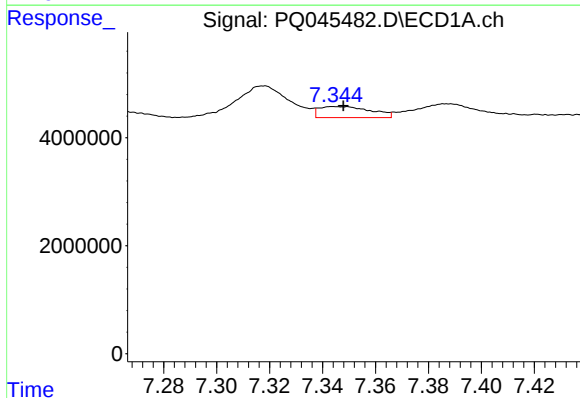
R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 1658025
Conc: 11.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



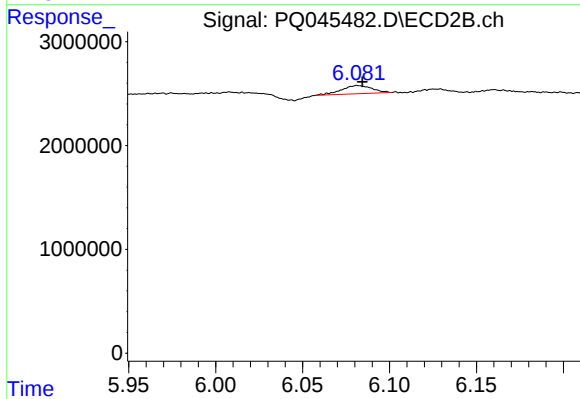
#23 AR-1248-3

R.T.: 5.894 min
Delta R.T.: -0.001 min
Response: 694587
Conc: 9.78 ng/ml



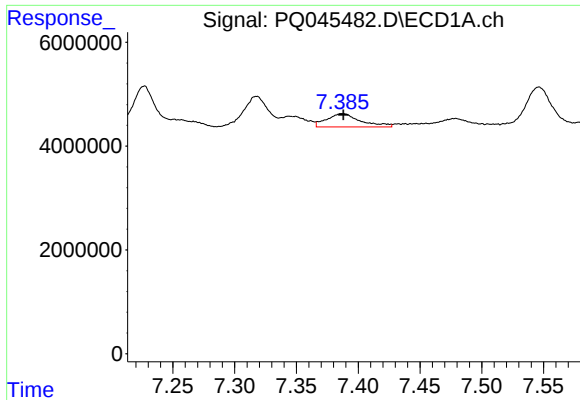
#24 AR-1248-4

R.T.: 7.346 min
Delta R.T.: -0.002 min
Response: 2783724
Conc: 17.14 ng/ml



#24 AR-1248-4

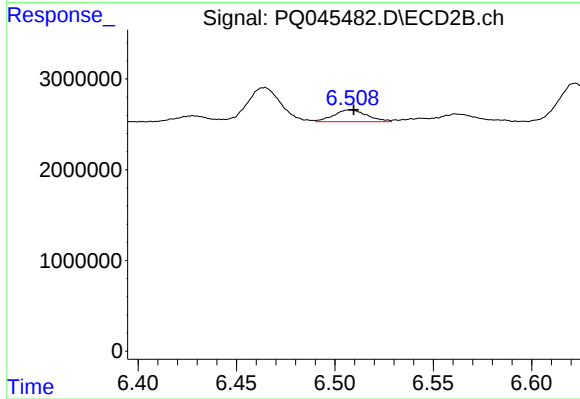
R.T.: 6.081 min
Delta R.T.: -0.003 min
Response: 967590
Conc: 11.12 ng/ml



#25 AR-1248-5

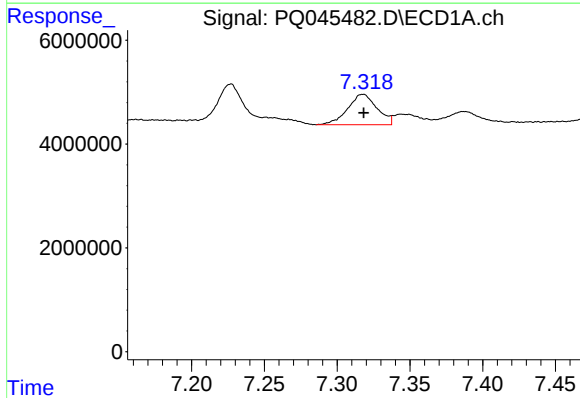
R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 4902722
Conc: 31.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



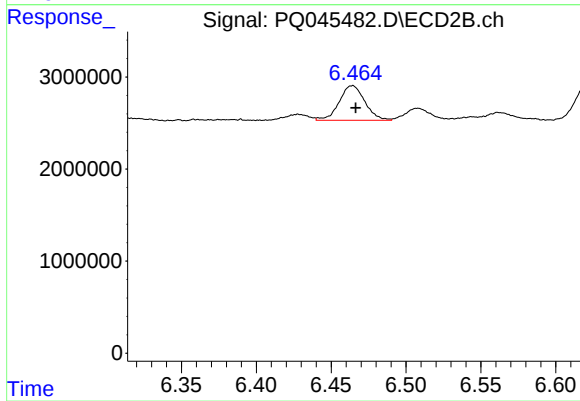
#25 AR-1248-5

R.T.: 6.508 min
Delta R.T.: -0.002 min
Response: 1527388
Conc: 16.16 ng/ml



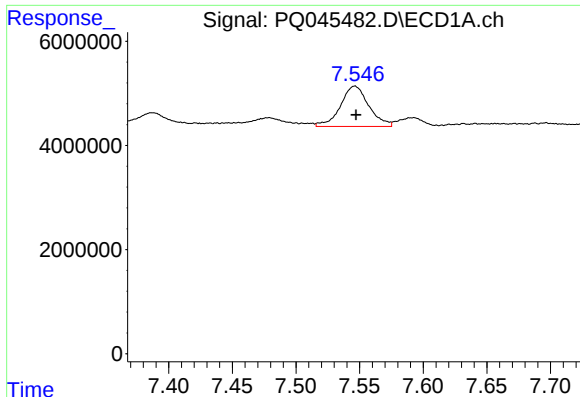
#26 AR-1254-1

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 8207586
Conc: 49.89 ng/ml



#26 AR-1254-1

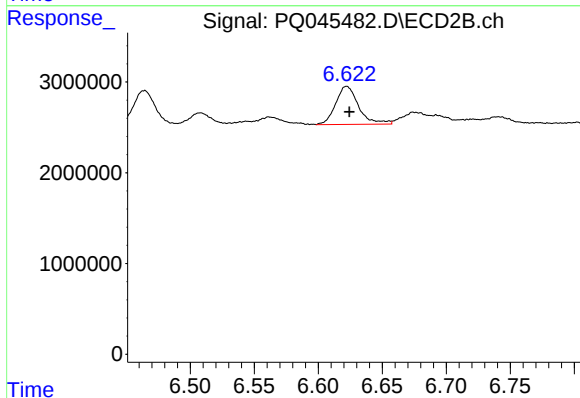
R.T.: 6.464 min
Delta R.T.: -0.002 min
Response: 4500226
Conc: 31.01 ng/ml



#27 AR-1254-2

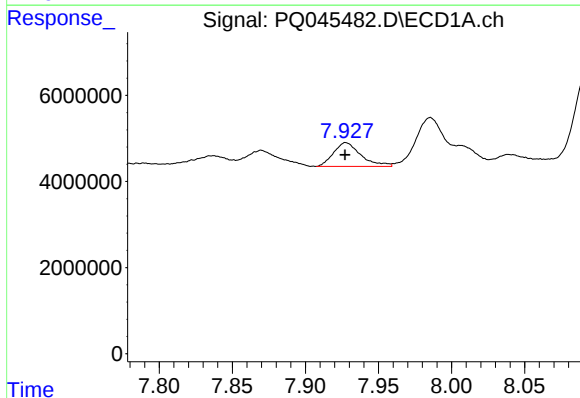
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 12009166
Conc: 45.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



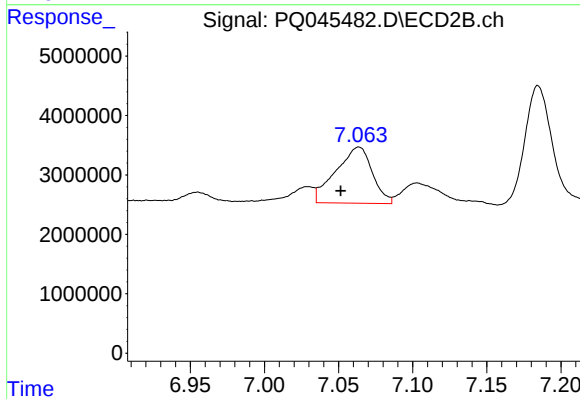
#27 AR-1254-2

R.T.: 6.622 min
Delta R.T.: -0.002 min
Response: 5229376
Conc: 39.09 ng/ml



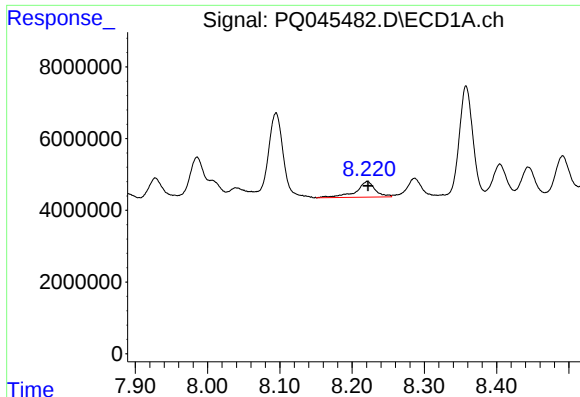
#28 AR-1254-3

R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 7220311
Conc: 25.25 ng/ml



#28 AR-1254-3

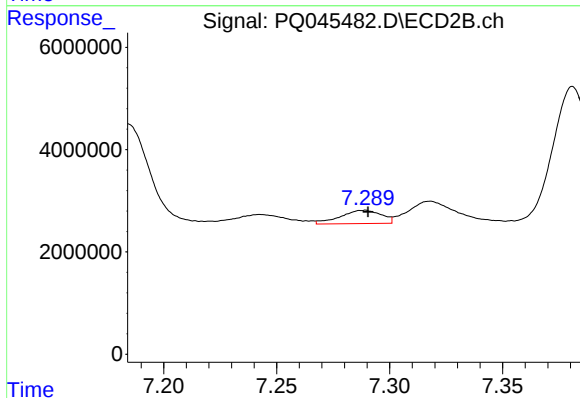
R.T.: 7.064 min
Delta R.T.: 0.012 min
Response: 16185417
Conc: 67.52 ng/ml



#29 AR-1254-4

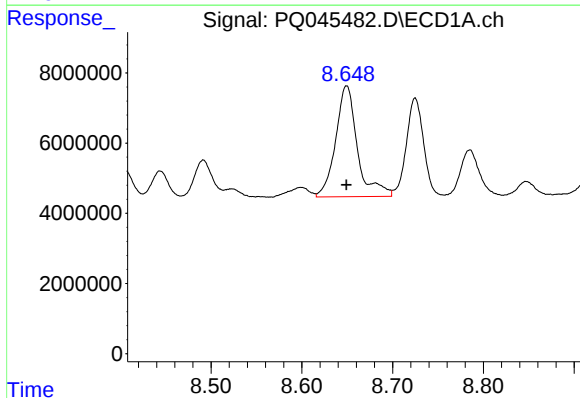
R.T.: 8.221 min
Delta R.T.: -0.001 min
Response: 8128069
Conc: 37.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



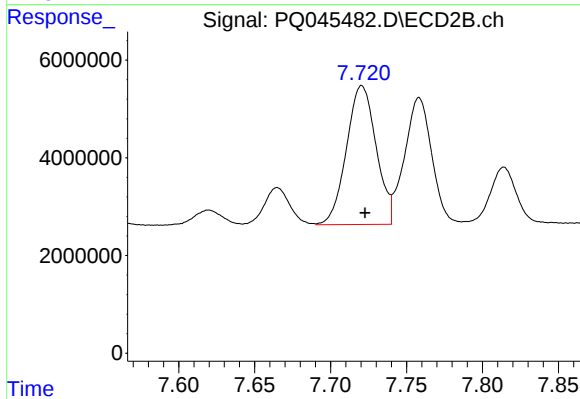
#29 AR-1254-4

R.T.: 7.289 min
Delta R.T.: -0.001 min
Response: 3278434
Conc: 19.63 ng/ml



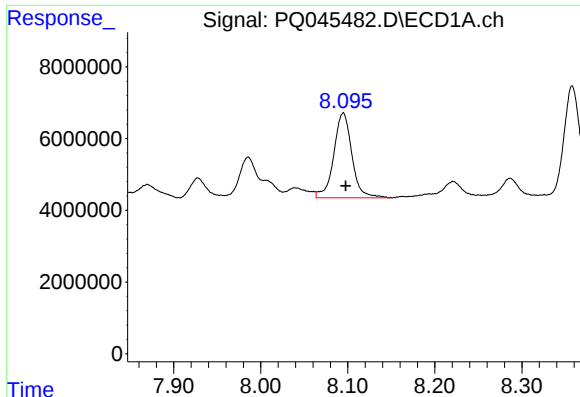
#30 AR-1254-5

R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 52734700
Conc: 214.30 ng/ml



#30 AR-1254-5

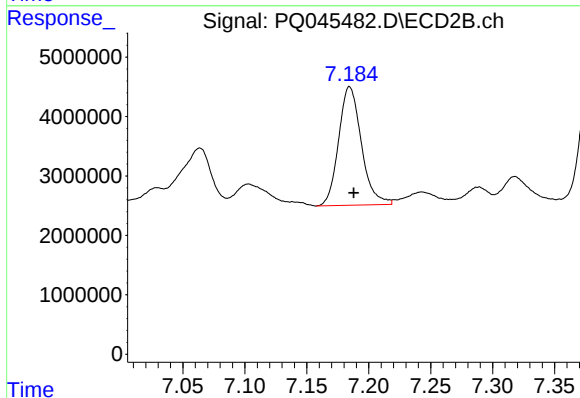
R.T.: 7.721 min
Delta R.T.: -0.002 min
Response: 38711346
Conc: 150.23 ng/ml



#31 AR-1260-1

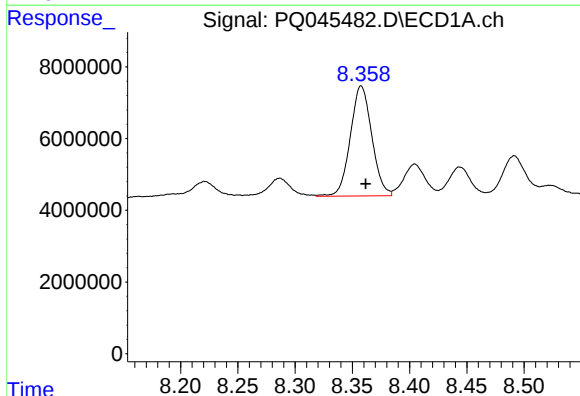
R.T.: 8.095 min
Delta R.T.: -0.003 min
Response: 34239495
Conc: 160.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



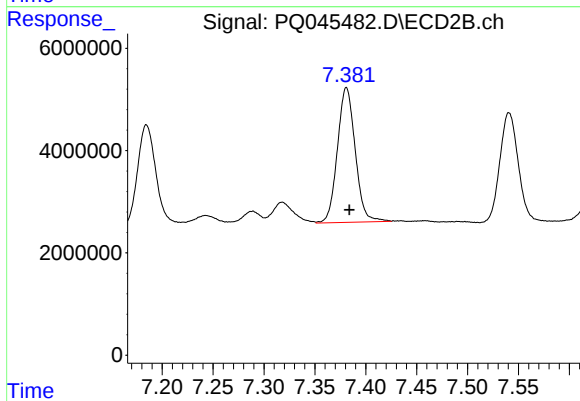
#31 AR-1260-1

R.T.: 7.184 min
Delta R.T.: -0.004 min
Response: 25534104
Conc: 166.81 ng/ml



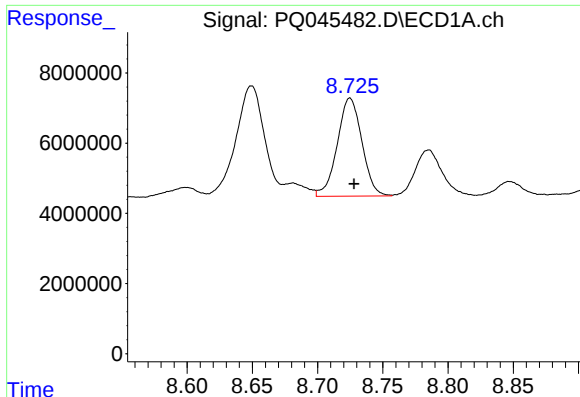
#32 AR-1260-2

R.T.: 8.358 min
Delta R.T.: -0.004 min
Response: 40051874
Conc: 164.36 ng/ml



#32 AR-1260-2

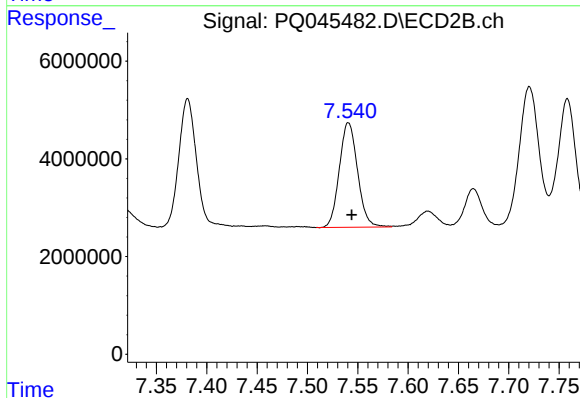
R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 32056692
Conc: 160.47 ng/ml



#33 AR-1260-3

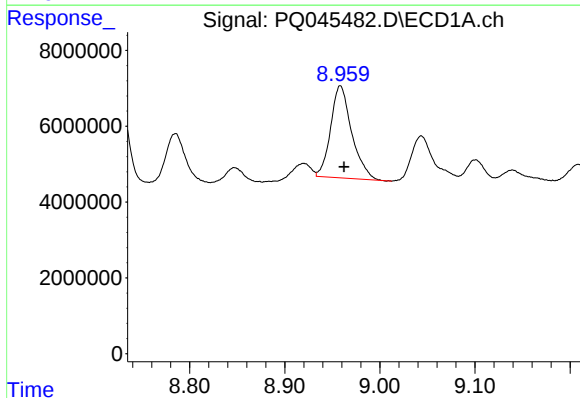
R.T.: 8.725 min
Delta R.T.: -0.003 min
Response: 36753967
Conc: 185.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



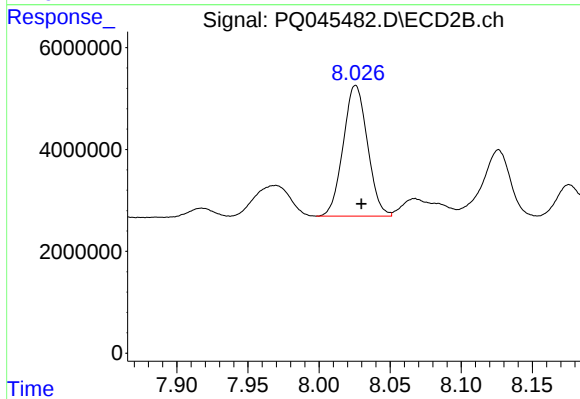
#33 AR-1260-3

R.T.: 7.541 min
Delta R.T.: -0.003 min
Response: 26995955
Conc: 146.73 ng/ml



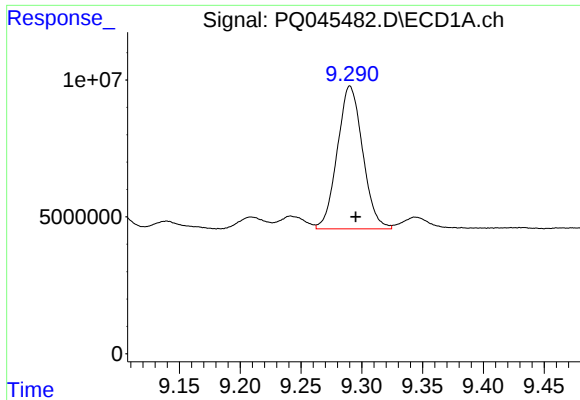
#34 AR-1260-4

R.T.: 8.959 min
Delta R.T.: -0.004 min
Response: 37393323
Conc: 163.56 ng/ml



#34 AR-1260-4

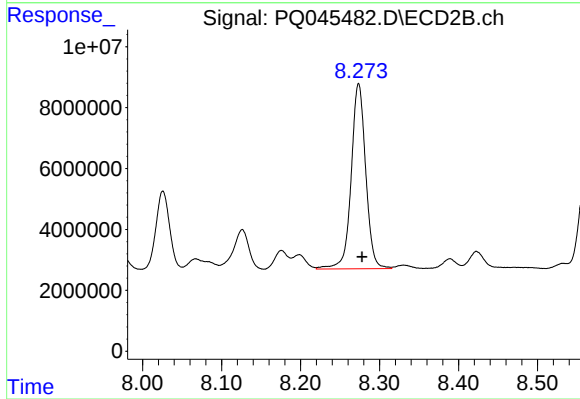
R.T.: 8.026 min
Delta R.T.: -0.004 min
Response: 30496332
Conc: 168.09 ng/ml



#35 AR-1260-5

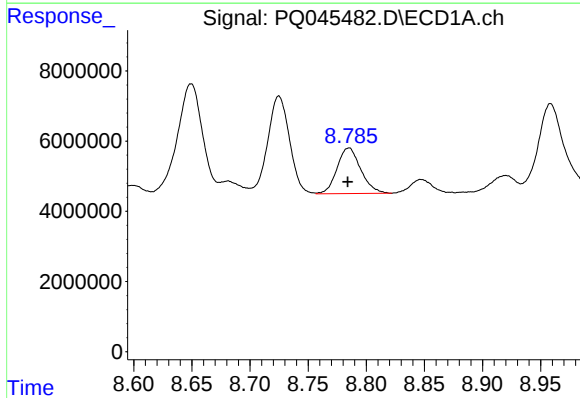
R.T.: 9.290 min
Delta R.T.: -0.005 min
Response: 75639682
Conc: 145.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



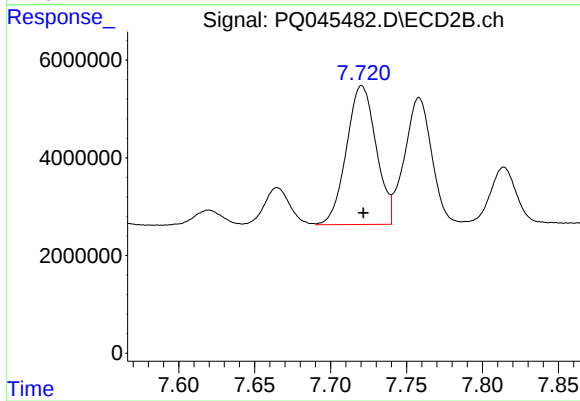
#35 AR-1260-5

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 77691447
Conc: 151.85 ng/ml



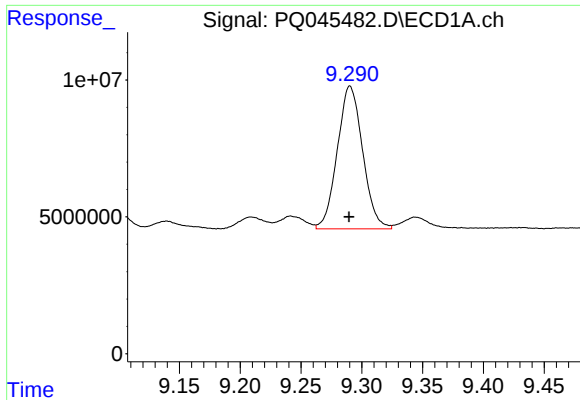
#36 AR-1262-1

R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 18457664
Conc: 133.49 ng/ml



#36 AR-1262-1

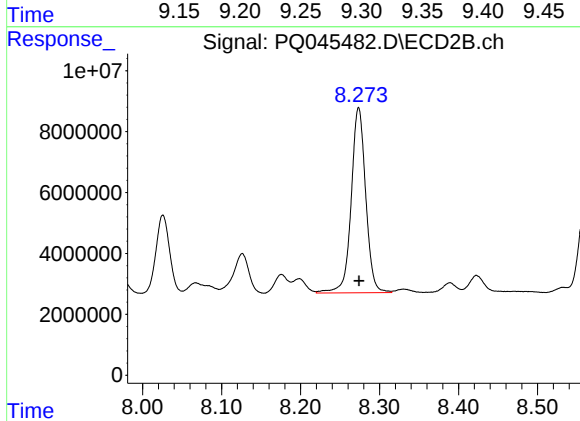
R.T.: 7.721 min
Delta R.T.: -0.001 min
Response: 38711346
Conc: 265.37 ng/ml



#37 AR-1262-2

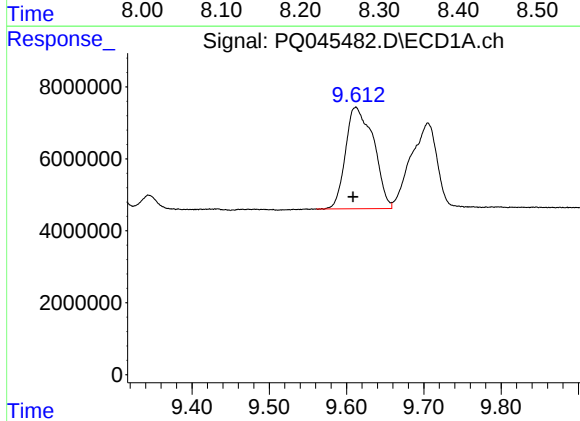
R.T.: 9.290 min
Delta R.T.: 0.000 min
Response: 75639682
Conc: 116.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



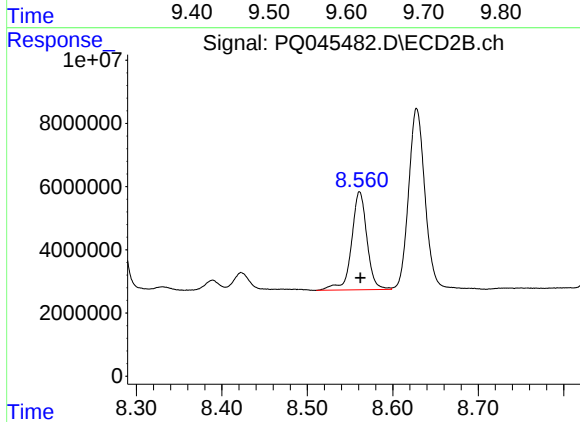
#37 AR-1262-2

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 77691447
Conc: 119.41 ng/ml



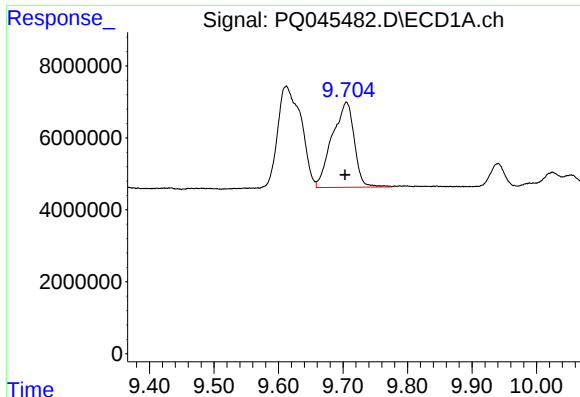
#38 AR-1262-3

R.T.: 9.612 min
Delta R.T.: 0.004 min
Response: 71009384
Conc: 155.20 ng/ml



#38 AR-1262-3

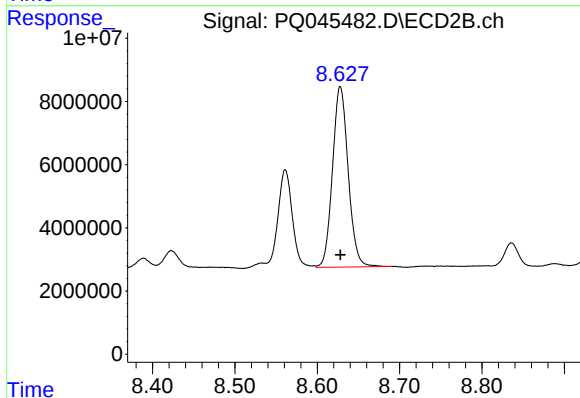
R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 38926966
Conc: 146.13 ng/ml



#39 AR-1262-4

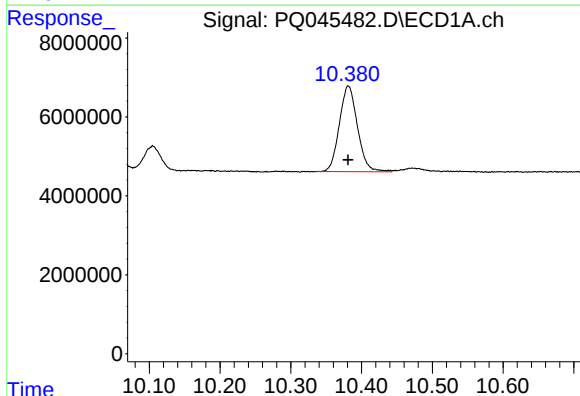
R.T.: 9.705 min
Delta R.T.: 0.002 min
Response: 56357454
Conc: 154.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



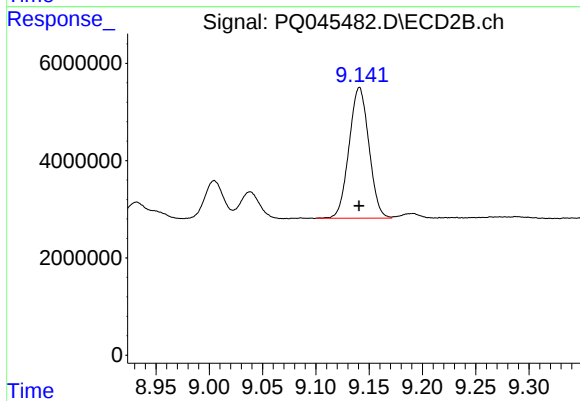
#39 AR-1262-4

R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 75581533
Conc: 144.38 ng/ml



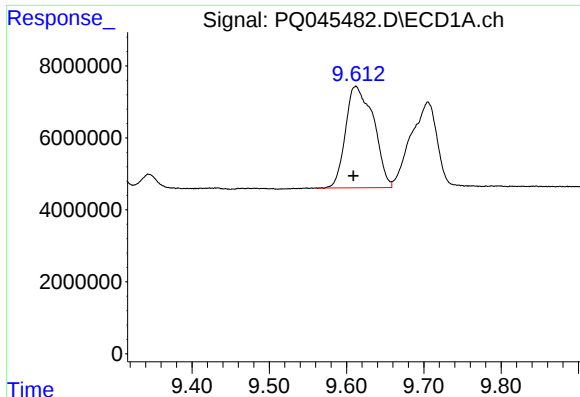
#40 AR-1262-5

R.T.: 10.381 min
Delta R.T.: 0.000 min
Response: 38743634
Conc: 135.93 ng/ml



#40 AR-1262-5

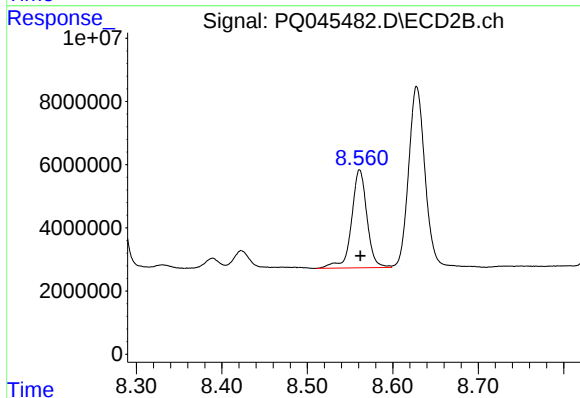
R.T.: 9.141 min
Delta R.T.: 0.000 min
Response: 34857110
Conc: 126.75 ng/ml



#41 AR-1268-1

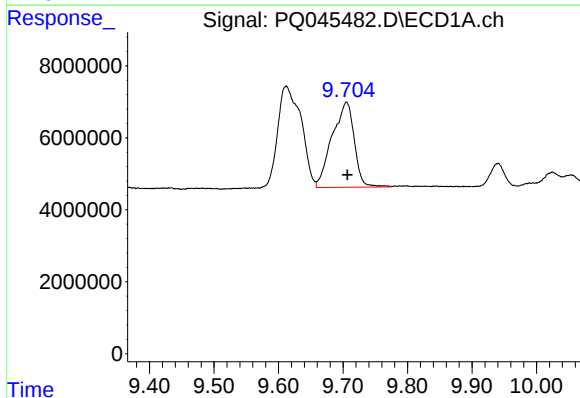
R.T.: 9.612 min
Delta R.T.: 0.003 min
Response: 71009384
Conc: 84.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



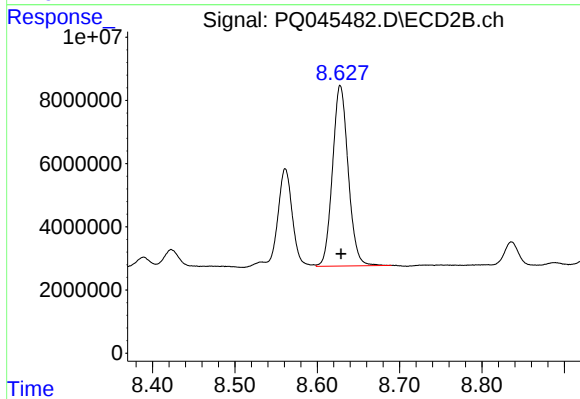
#41 AR-1268-1

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 38926966
Conc: 48.47 ng/ml



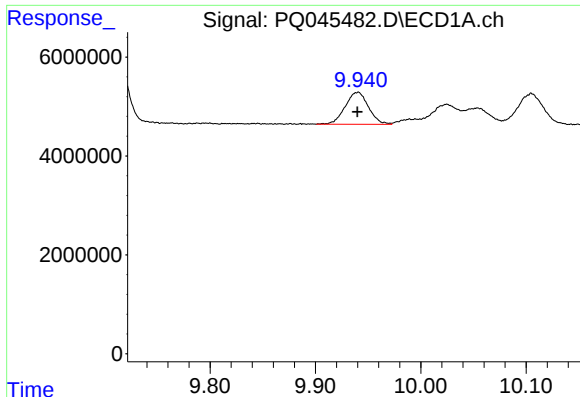
#42 AR-1268-2

R.T.: 9.705 min
Delta R.T.: -0.002 min
Response: 56357454
Conc: 68.13 ng/ml



#42 AR-1268-2

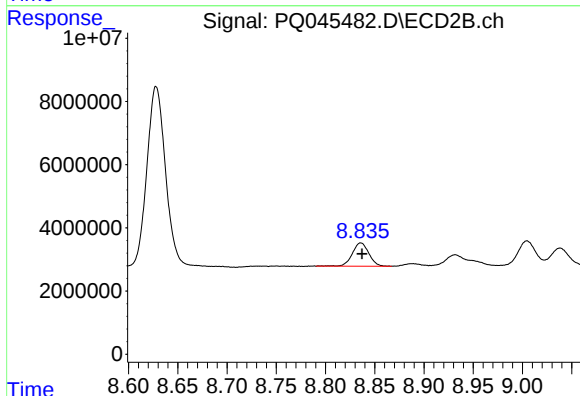
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 75581533
Conc: 99.37 ng/ml



#43 AR-1268-3

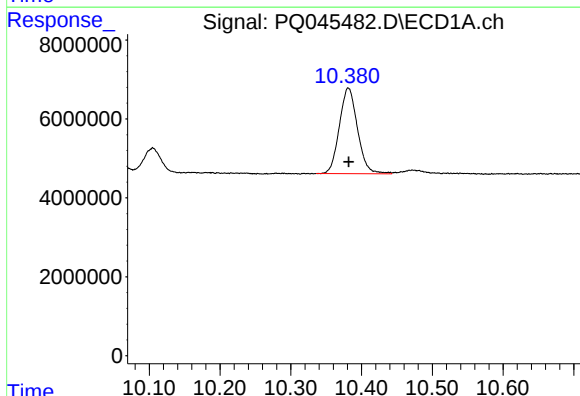
R.T.: 9.940 min
Delta R.T.: 0.000 min
Response: 9913989
Conc: 14.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



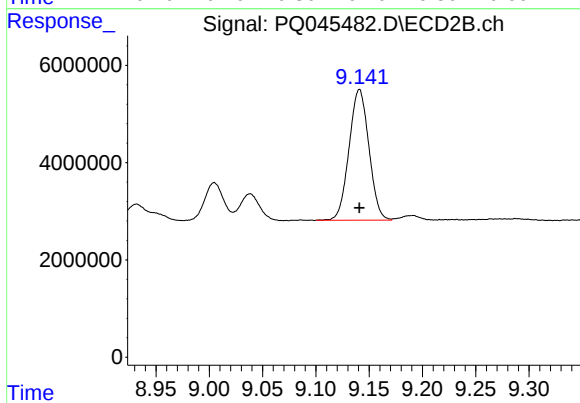
#43 AR-1268-3

R.T.: 8.836 min
Delta R.T.: -0.001 min
Response: 8581781
Conc: 13.73 ng/ml



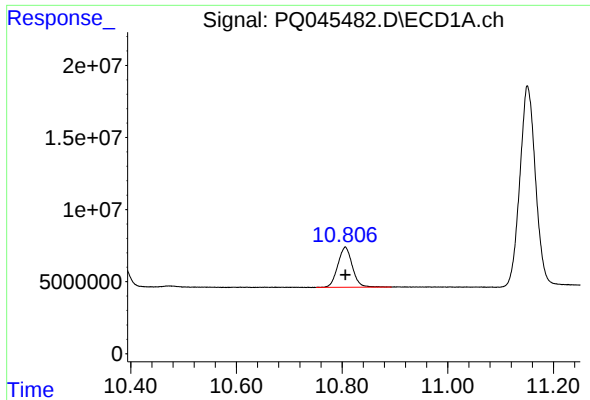
#44 AR-1268-4

R.T.: 10.381 min
Delta R.T.: 0.000 min
Response: 38743634
Conc: 117.86 ng/ml



#44 AR-1268-4

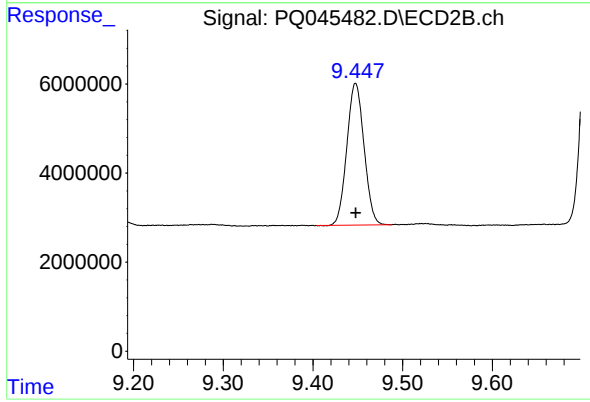
R.T.: 9.141 min
Delta R.T.: 0.000 min
Response: 34857110
Conc: 109.53 ng/ml



#45 AR-1268-5

R.T.: 10.806 min
Delta R.T.: 0.000 min
Response: 53319446
Conc: 19.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.448 min
Delta R.T.: 0.000 min
Response: 42408221
Conc: 17.57 ng/ml