

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090121\
 Data File : PQ054411.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2021 09:51
 Operator : AJ\MA
 Sample : M3263-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 02 04:59:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ083121CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 01 04:20:03 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...	5.201	4.208	408.3E6	218.3E6	19.144	17.841
2)	SA Decachlor...	11.375	9.541	580.2E6	521.8E6	38.113	38.570
Target Compounds							
3)	L1 AR-1016-1	6.527	5.469	17530294	10370908	26.380	25.092
4)	L1 AR-1016-2	6.551	5.489	27787917	17162629	27.300	26.418
5)	L1 AR-1016-3	6.618	5.681	18430430	7122634	29.545	22.003 #
6)	L1 AR-1016-4	6.726	5.732	14275368	6342607	27.886	24.033
7)	L1 AR-1016-5	7.039	5.962	13911203	7756438	28.424	23.146
8)	L2 AR-1221-1	5.447	0.000	368005	0	1.716	N.D. #
9)	L2 AR-1221-2	5.556	4.565	6990940	3396082	46.322	42.041
10)	L2 AR-1221-3	5.643	4.655	12308649	3717303	24.396	12.778 #
11)	L3 AR-1232-1	5.643	4.655	12308649	3717303	28.909	15.199 #
12)	L3 AR-1232-2	6.230	5.489	13964059	17162629	62.581	60.195
13)	L3 AR-1232-3	6.551	5.681	27787917	7122634	63.183	52.639
14)	L3 AR-1232-4	6.726	5.777	14275368	6154299	66.342	52.105
15)	L3 AR-1232-5	6.819	5.962	12717956	7756438	81.514	60.274 #
16)	L4 AR-1242-1	6.527	5.469	17530294	10370908	32.132	31.090
17)	L4 AR-1242-2	6.551	5.489	27787917	17162629	33.482	32.218
18)	L4 AR-1242-3	6.618	5.681	18430430	7122634	35.947	27.169
19)	L4 AR-1242-4	6.726	5.777	14275368	6154299	34.231	24.232 #
20)	L4 AR-1242-5	7.511	6.341	873455	5570427	1.969	16.205 #
21)	L5 AR-1248-1	6.527	5.469	17530294	10370908	44.984	41.917
22)	L5 AR-1248-2	6.819	5.732	12717956	6342607	21.794	17.233
23)	L5 AR-1248-3	7.039	5.777	13911203	6154299	20.920	16.195
24)	L5 AR-1248-4	7.465	5.962	1630836	7756438	2.164	16.924 #
25)	L5 AR-1248-5	7.505	6.341f	750835	5570427	0.996	11.783 #
26)	L6 AR-1254-1	7.435	6.341	10612861	5570427	14.344	7.429 #
27)	L6 AR-1254-2	7.661	6.499	10297801	5880597	9.023	8.883
28)	L6 AR-1254-3	8.049	6.938	5773054	13816799	4.702	12.818 #
29)	L6 AR-1254-4	8.341	7.193	4669624	2809890	5.209	3.788 #
30)	L6 AR-1254-5	8.769	7.587	33759136	24492492	35.778	23.945 #
31)	L7 AR-1260-1	8.212	7.056	23592504	18152631	29.259	26.802
32)	L7 AR-1260-2	8.476	7.252	30127763	24538724	31.478	25.307
33)	L7 AR-1260-3	8.769	7.408	33759136	20982040	30.209	25.929
34)	L7 AR-1260-4	9.084	7.890	24697196	17368134	30.142	24.524
35)	L7 AR-1260-5	9.429	8.138	46742291	47145479	28.664	23.836
36)	L8 AR-1262-1	8.841	7.587	21352215	24492492	19.303	44.340 #
37)	L8 AR-1262-2	9.429	8.138	46742291	47145479	23.042	20.052
38)	L8 AR-1262-3	9.759	8.423	10404867	13271108	12.228	14.069
39)	L8 AR-1262-4	9.841	8.487	19306210	33742975	37.397	20.846 #
40)	L8 AR-1262-5	10.570	8.990	15016794	12339062	20.893	16.563
41)	L9 AR-1268-1	9.759	8.423	10404867	13271108	4.616	4.784

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090121\
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Integration File signal 1: autoint1.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ083121CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 01 04:20:03 2021
 Response via : Initial Calibration
 Integrator: ChemStation

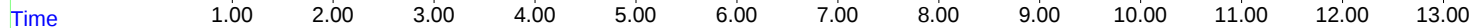
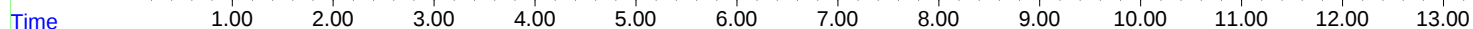
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

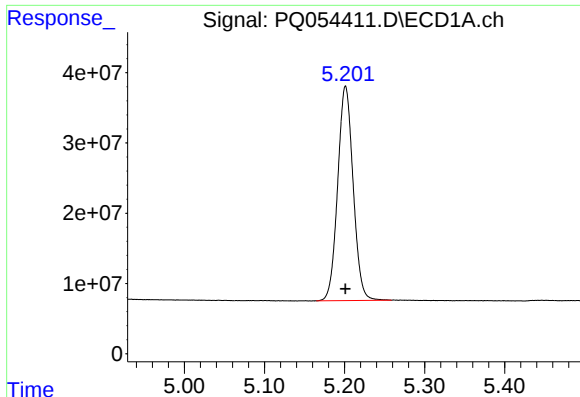
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.841	8.487	19306210	33742975	9.411	14.387 #
44) L9	AR-1268-4	10.570	8.990	15016794	12339062	19.391	15.262
45) L9	AR-1268-5	11.012	9.284	7483912	6415348	1.309	1.097

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

Instrument :
ECD_Q
ClientSampleId :

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

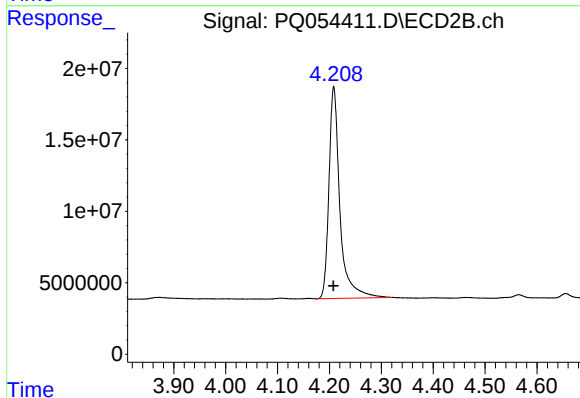




#1 Tetrachloro-m-xylene

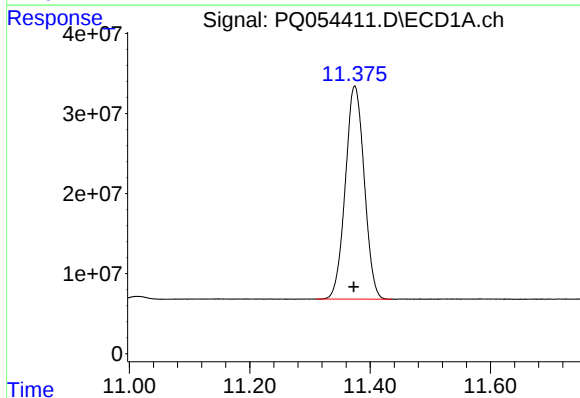
R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 408273865
Conc: 19.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



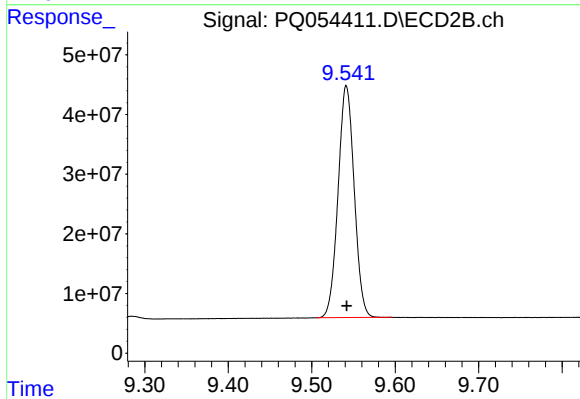
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.001 min
Response: 218327077
Conc: 17.84 ng/ml



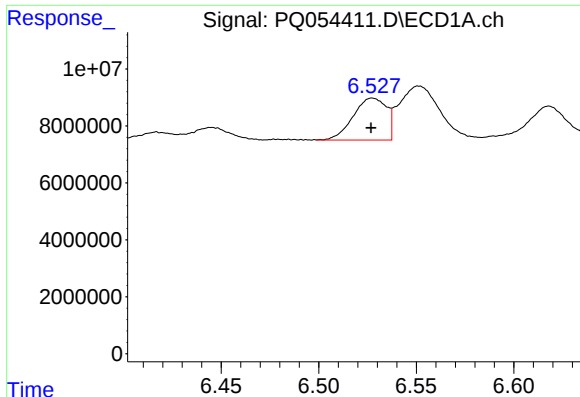
#2 Decachlorobiphenyl

R.T.: 11.375 min
Delta R.T.: 0.002 min
Response: 580169697
Conc: 38.11 ng/ml



#2 Decachlorobiphenyl

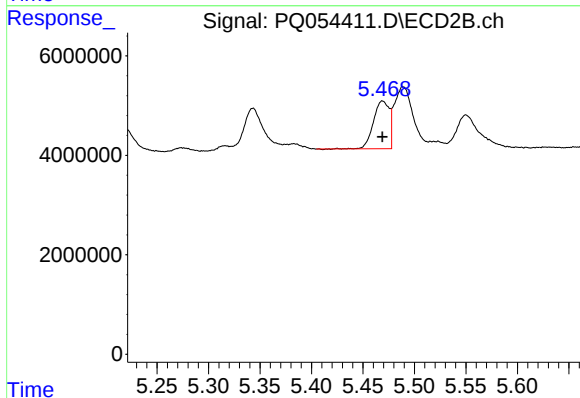
R.T.: 9.541 min
Delta R.T.: 0.000 min
Response: 521844269
Conc: 38.57 ng/ml



#3 AR-1016-1

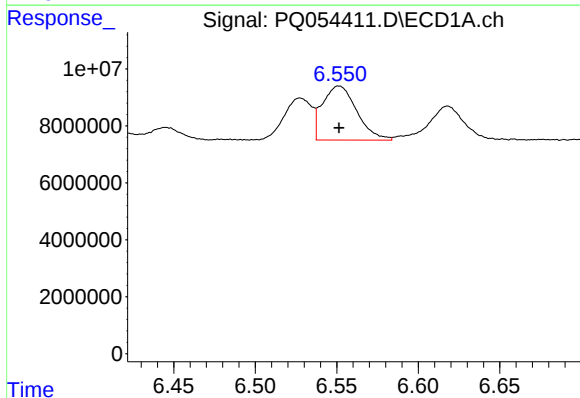
R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 17530294
Conc: 26.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



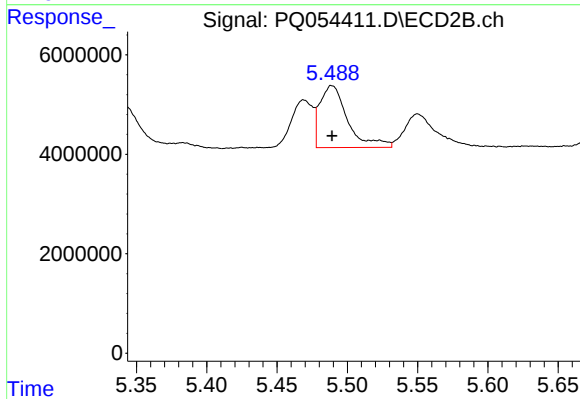
#3 AR-1016-1

R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 10370908
Conc: 25.09 ng/ml



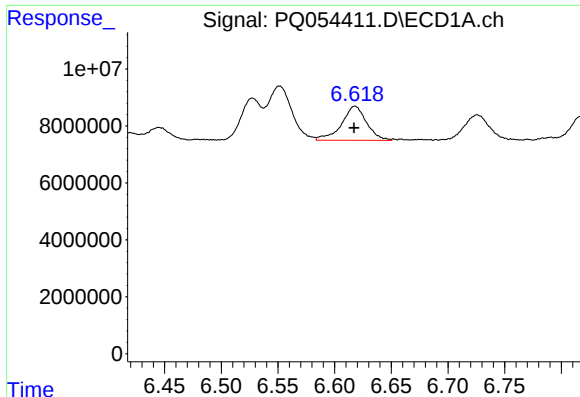
#4 AR-1016-2

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 27787917
Conc: 27.30 ng/ml



#4 AR-1016-2

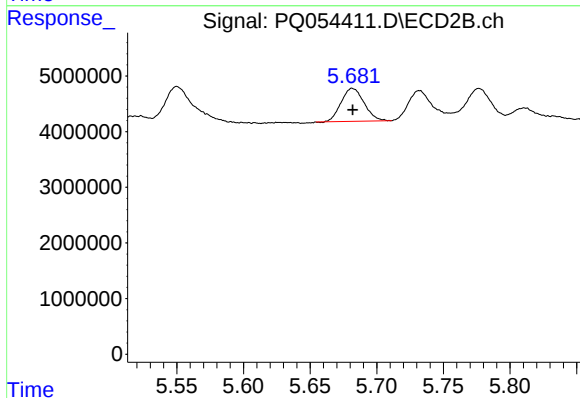
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 17162629
Conc: 26.42 ng/ml



#5 AR-1016-3

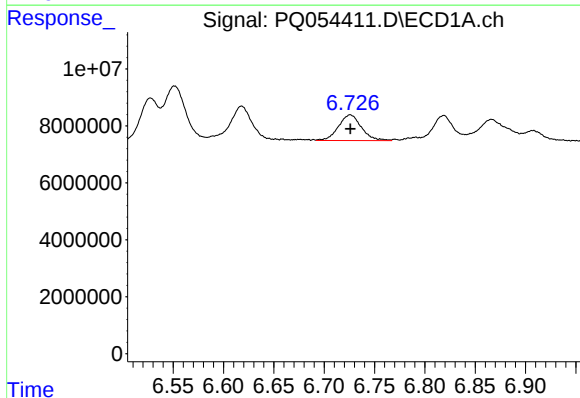
R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 18430430
Conc: 29.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



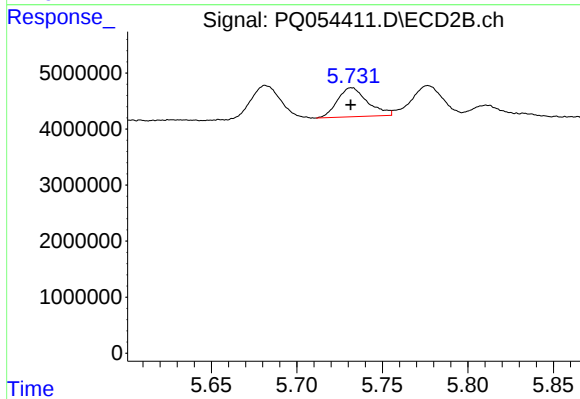
#5 AR-1016-3

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 7122634
Conc: 22.00 ng/ml



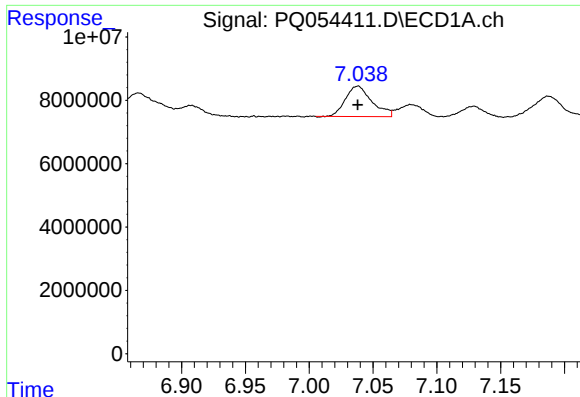
#6 AR-1016-4

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 14275368
Conc: 27.89 ng/ml



#6 AR-1016-4

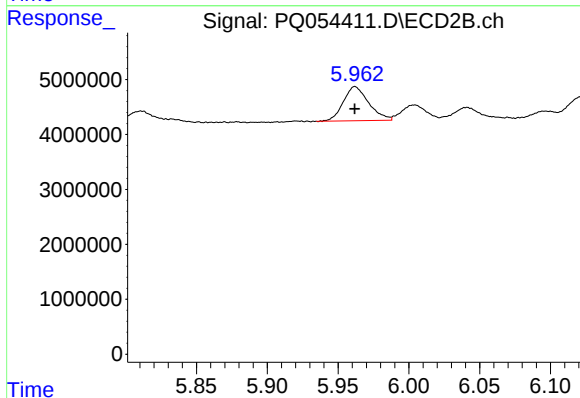
R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 6342607
Conc: 24.03 ng/ml



#7 AR-1016-5

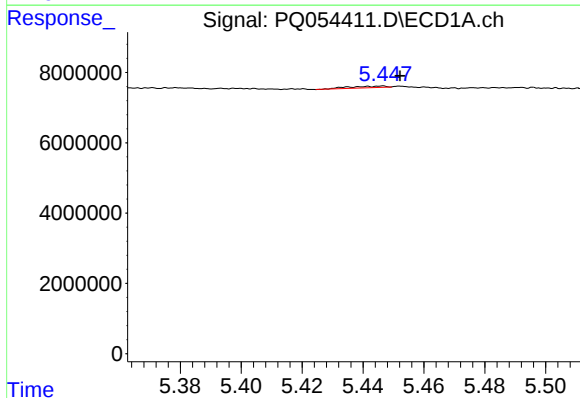
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 13911203
Conc: 28.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



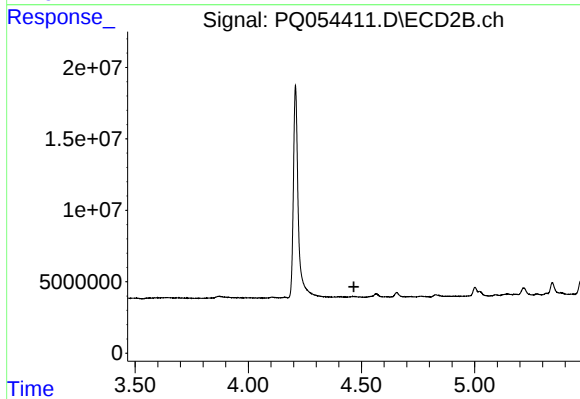
#7 AR-1016-5

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 7756438
Conc: 23.15 ng/ml



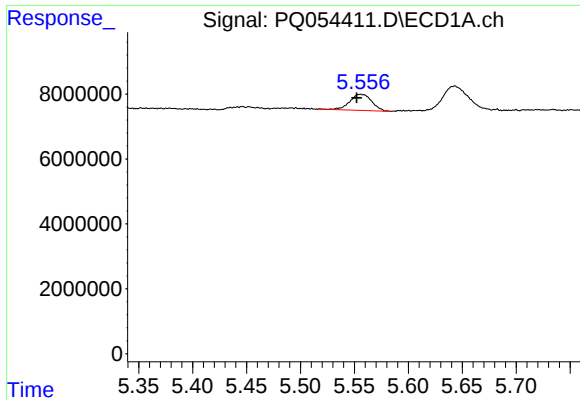
#8 AR-1221-1

R.T.: 5.447 min
Delta R.T.: -0.006 min
Response: 368005
Conc: 1.72 ng/ml



#8 AR-1221-1

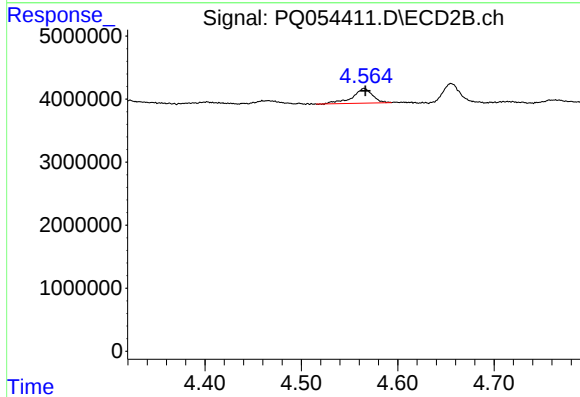
R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.



#9 AR-1221-2

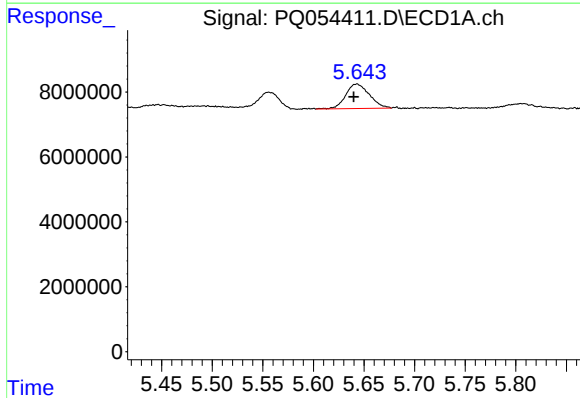
R.T.: 5.556 min
Delta R.T.: 0.004 min
Response: 6990940
Conc: 46.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



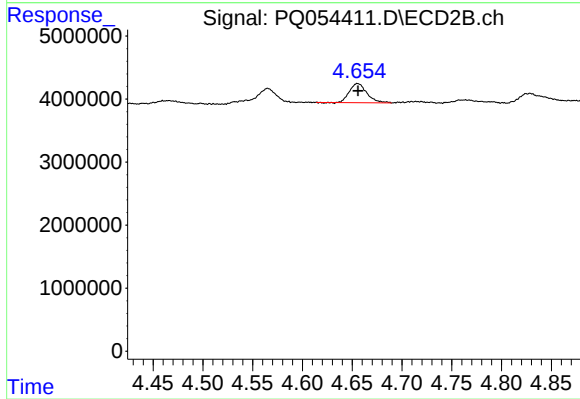
#9 AR-1221-2

R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 3396082
Conc: 42.04 ng/ml



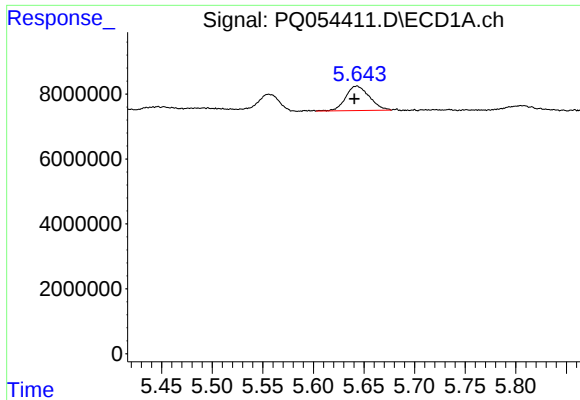
#10 AR-1221-3

R.T.: 5.643 min
Delta R.T.: 0.003 min
Response: 12308649
Conc: 24.40 ng/ml



#10 AR-1221-3

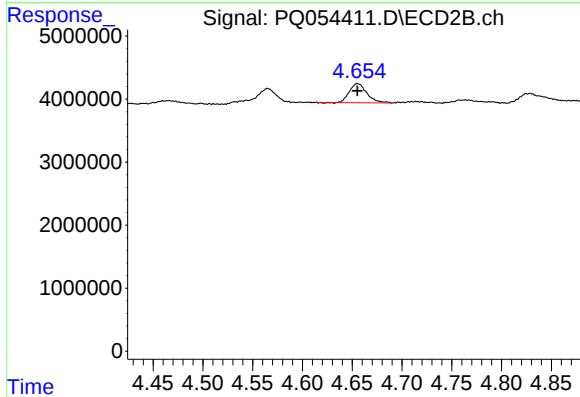
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 3717303
Conc: 12.78 ng/ml



#11 AR-1232-1

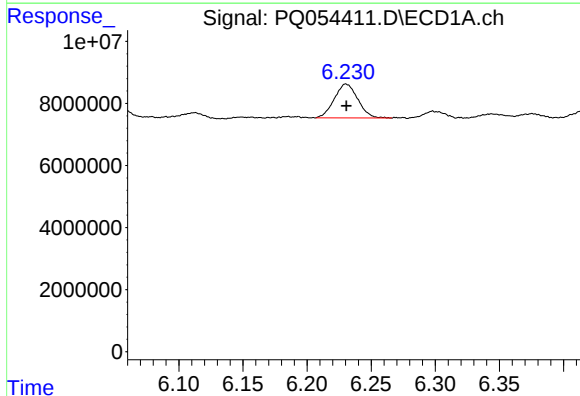
R.T.: 5.643 min
Delta R.T.: 0.003 min
Response: 12308649
Conc: 28.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



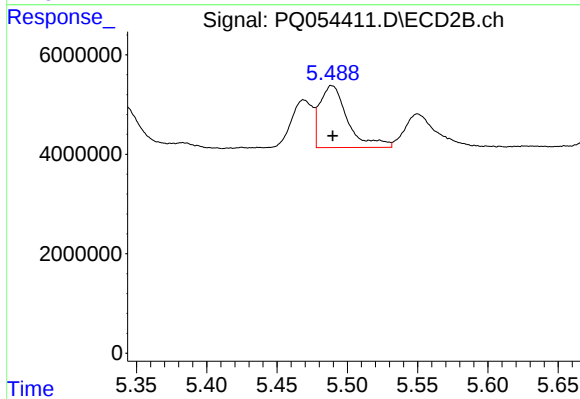
#11 AR-1232-1

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 3717303
Conc: 15.20 ng/ml



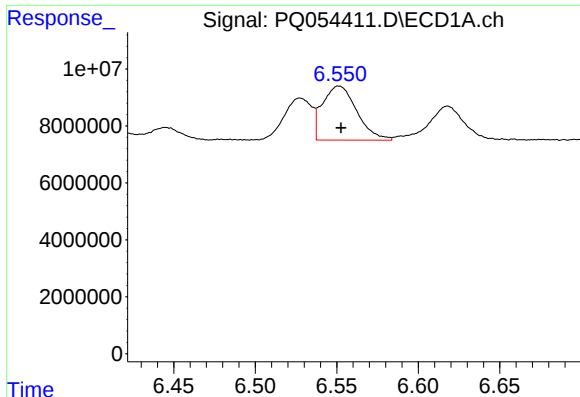
#12 AR-1232-2

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 13964059
Conc: 62.58 ng/ml



#12 AR-1232-2

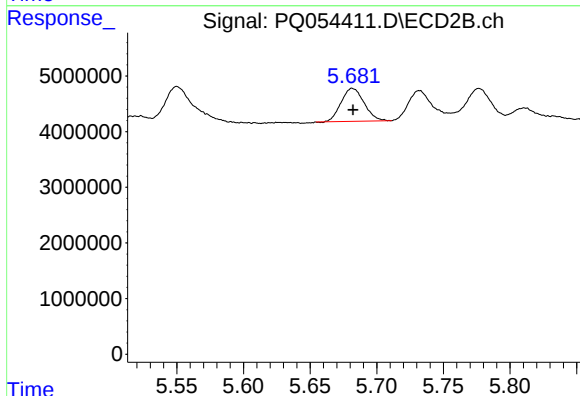
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 17162629
Conc: 60.19 ng/ml



#13 AR-1232-3

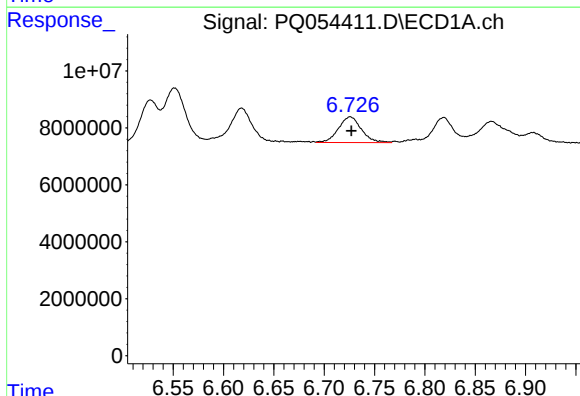
R.T.: 6.551 min
Delta R.T.: -0.001 min
Response: 27787917
Conc: 63.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



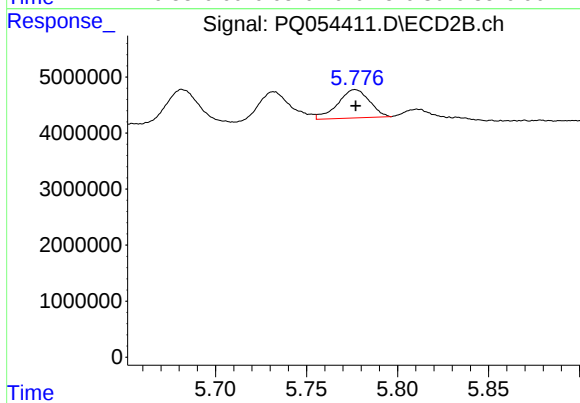
#13 AR-1232-3

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 7122634
Conc: 52.64 ng/ml



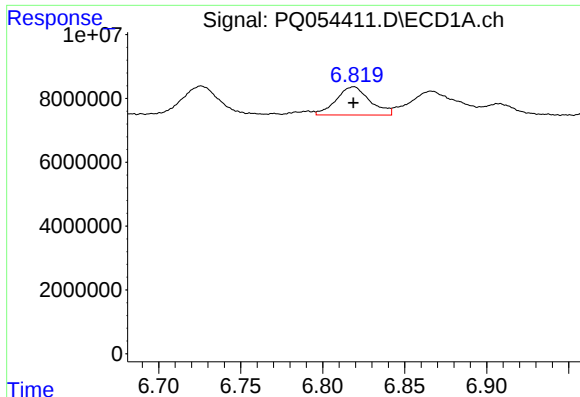
#14 AR-1232-4

R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 14275368
Conc: 66.34 ng/ml



#14 AR-1232-4

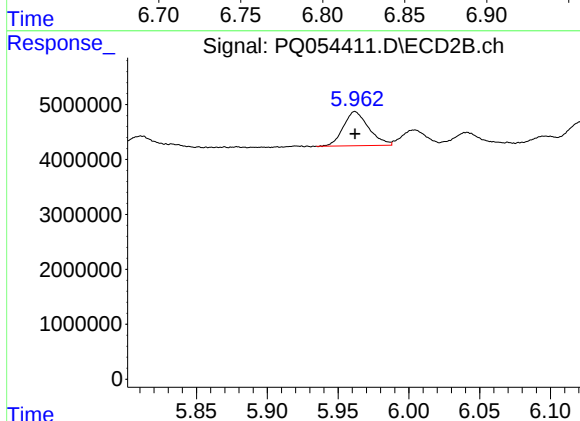
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 6154299
Conc: 52.10 ng/ml



#15 AR-1232-5

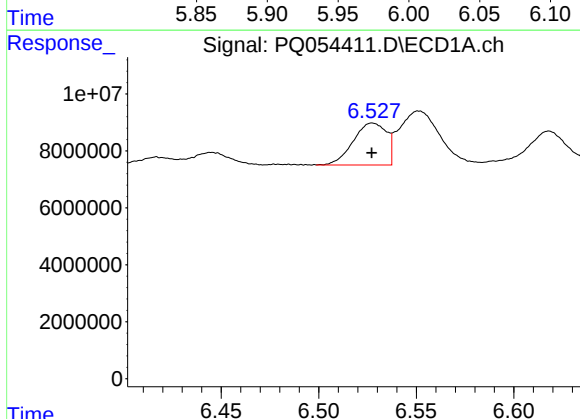
R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 12717956
Conc: 81.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



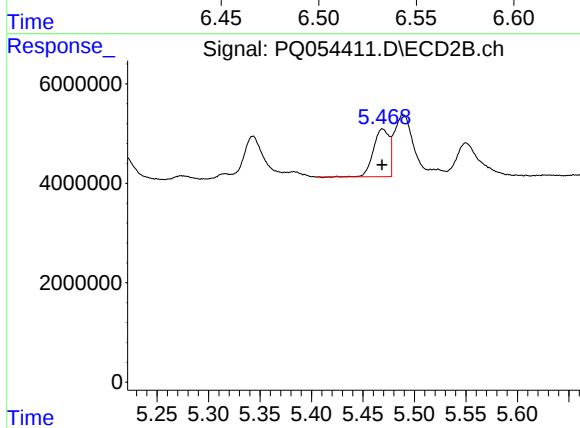
#15 AR-1232-5

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 7756438
Conc: 60.27 ng/ml



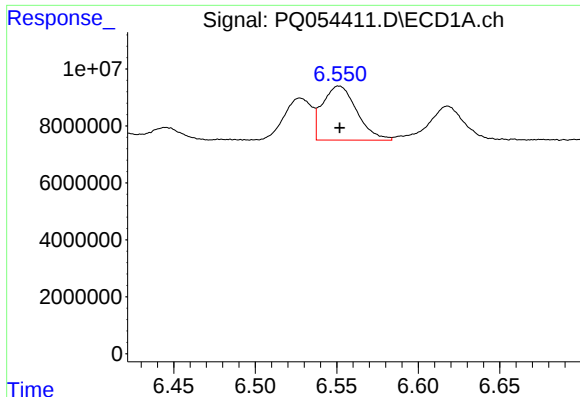
#16 AR-1242-1

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 17530294
Conc: 32.13 ng/ml



#16 AR-1242-1

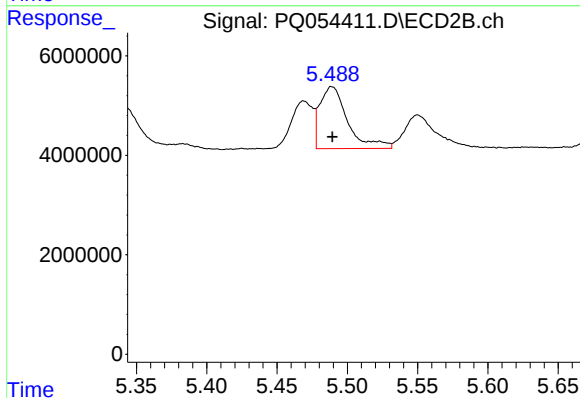
R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 10370908
Conc: 31.09 ng/ml



#17 AR-1242-2

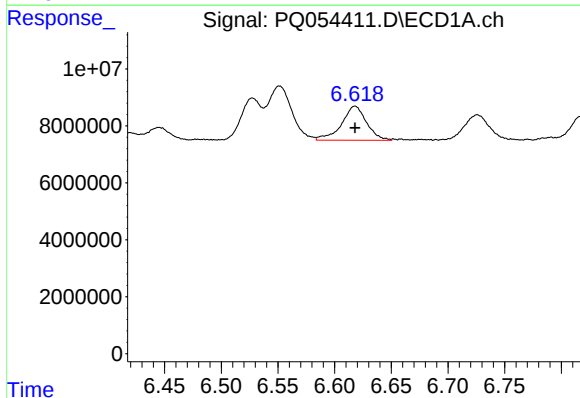
R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 27787917
Conc: 33.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



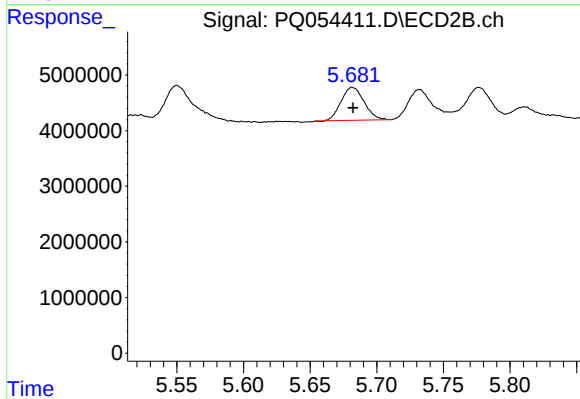
#17 AR-1242-2

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 17162629
Conc: 32.22 ng/ml



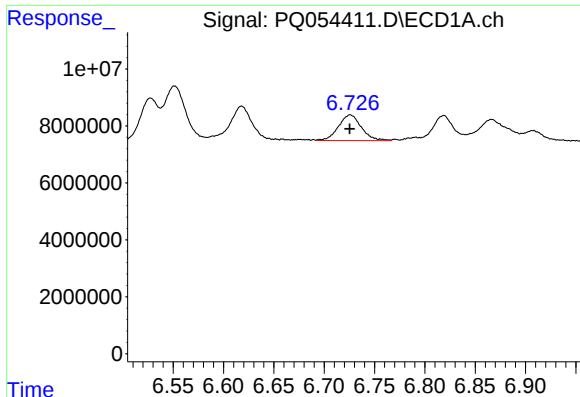
#18 AR-1242-3

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 18430430
Conc: 35.95 ng/ml



#18 AR-1242-3

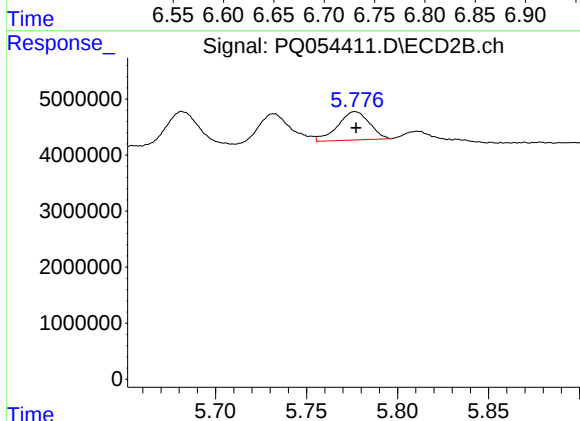
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 7122634
Conc: 27.17 ng/ml



#19 AR-1242-4

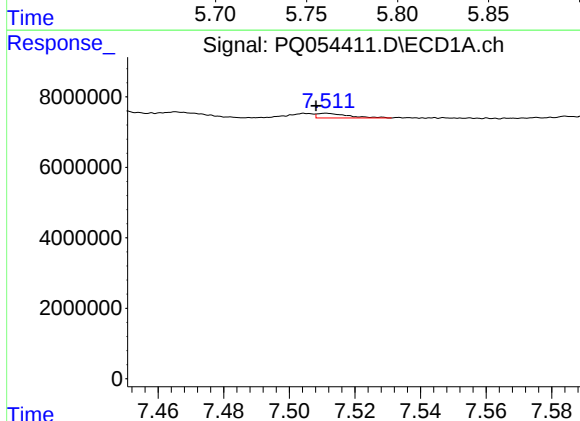
R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 14275368
Conc: 34.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



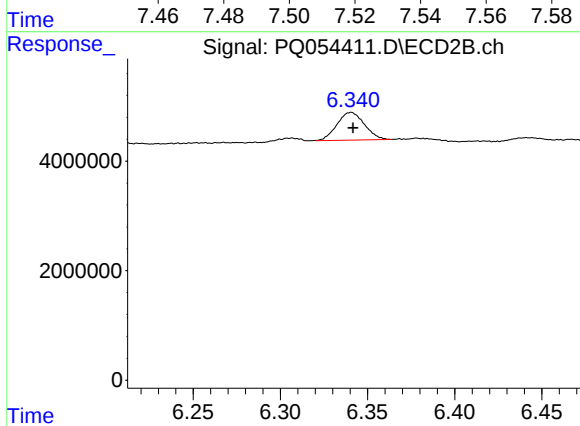
#19 AR-1242-4

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 6154299
Conc: 24.23 ng/ml



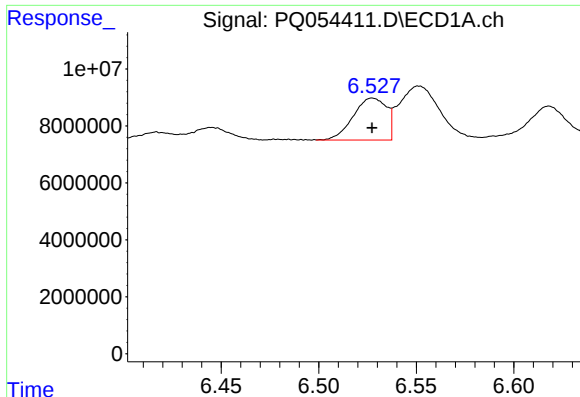
#20 AR-1242-5

R.T.: 7.511 min
Delta R.T.: 0.003 min
Response: 873455
Conc: 1.97 ng/ml



#20 AR-1242-5

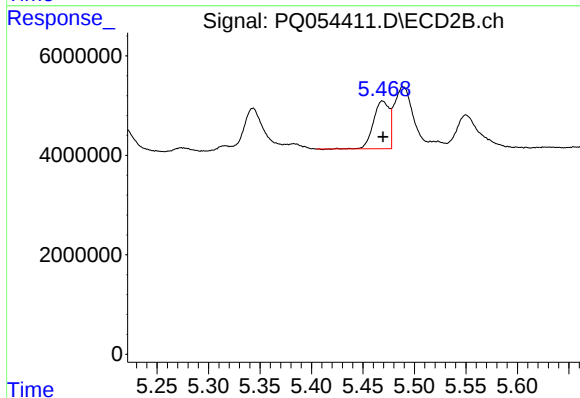
R.T.: 6.341 min
Delta R.T.: -0.001 min
Response: 5570427
Conc: 16.21 ng/ml



#21 AR-1248-1

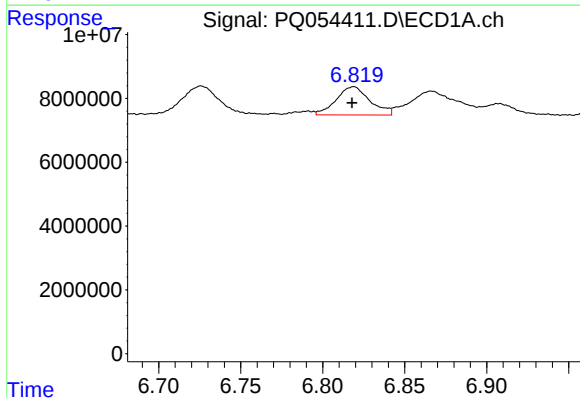
R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 17530294
Conc: 44.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



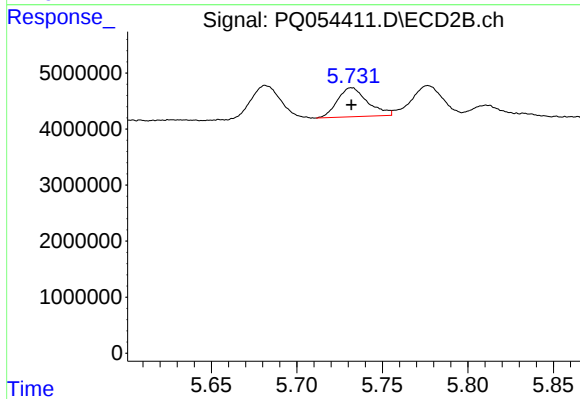
#21 AR-1248-1

R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 10370908
Conc: 41.92 ng/ml



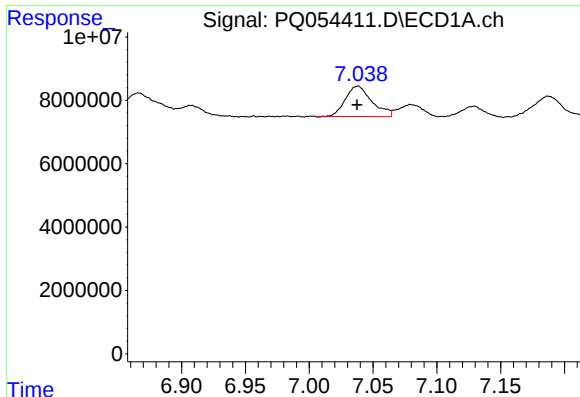
#22 AR-1248-2

R.T.: 6.819 min
Delta R.T.: 0.001 min
Response: 12717956
Conc: 21.79 ng/ml



#22 AR-1248-2

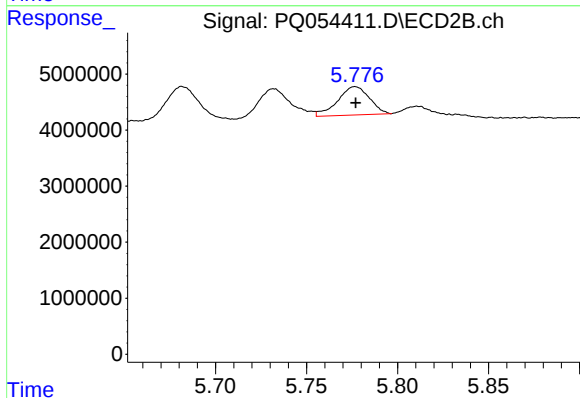
R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 6342607
Conc: 17.23 ng/ml



#23 AR-1248-3

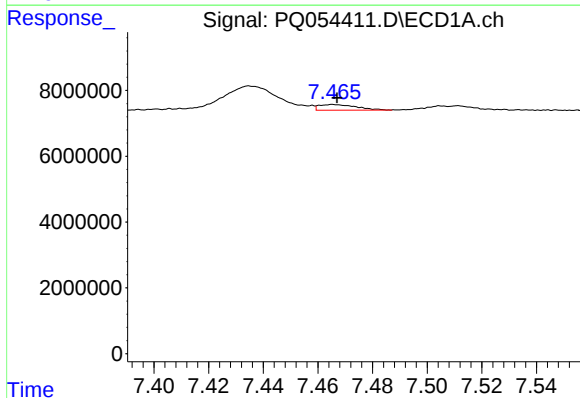
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 13911203
Conc: 20.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



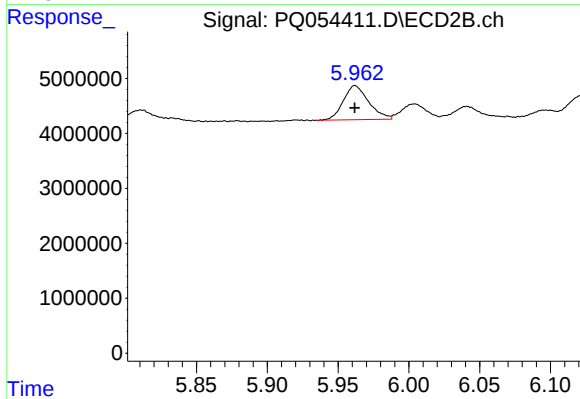
#23 AR-1248-3

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 6154299
Conc: 16.19 ng/ml



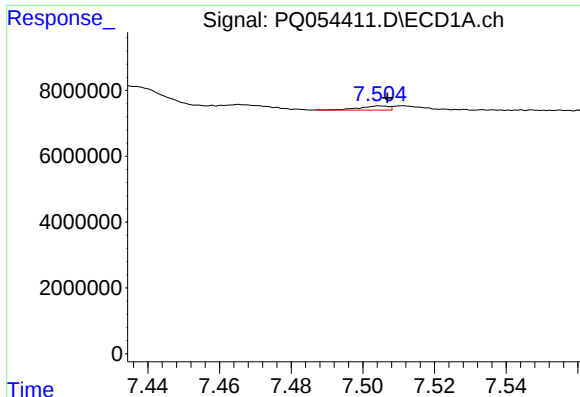
#24 AR-1248-4

R.T.: 7.465 min
Delta R.T.: -0.001 min
Response: 1630836
Conc: 2.16 ng/ml



#24 AR-1248-4

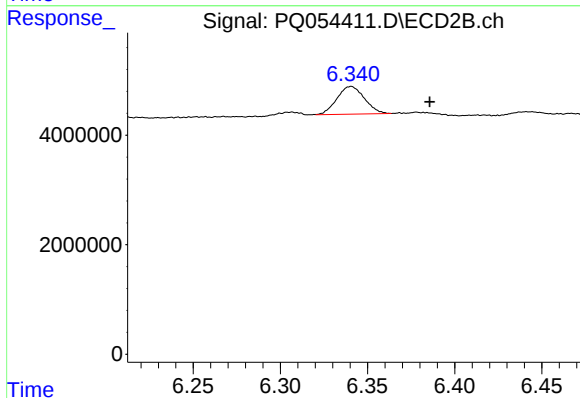
R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 7756438
Conc: 16.92 ng/ml



#25 AR-1248-5

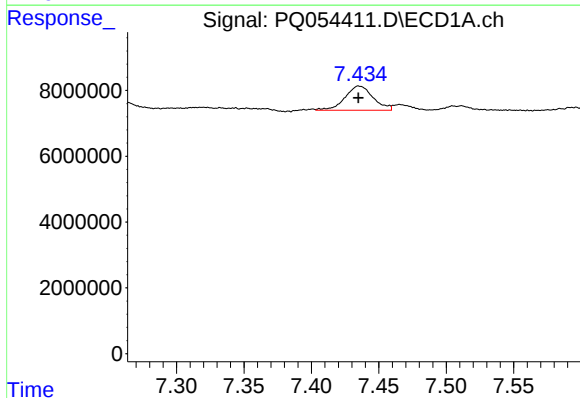
R.T.: 7.505 min
Delta R.T.: -0.002 min
Response: 750835
Conc: 1.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



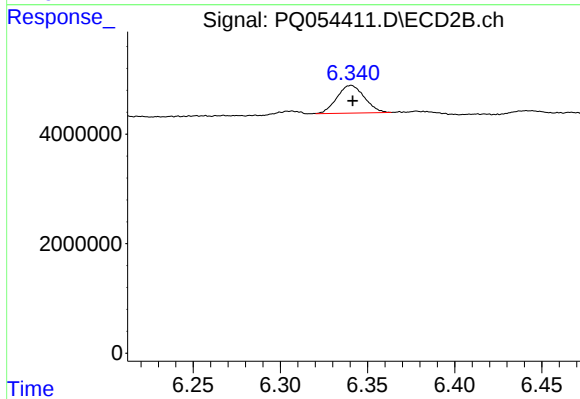
#25 AR-1248-5

R.T.: 6.341 min
Delta R.T.: -0.045 min
Response: 5570427
Conc: 11.78 ng/ml



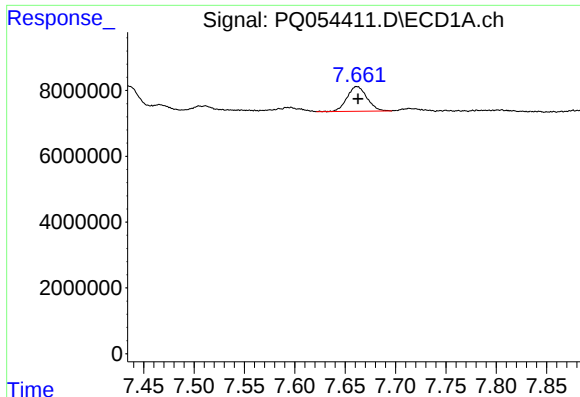
#26 AR-1254-1

R.T.: 7.435 min
Delta R.T.: 0.000 min
Response: 10612861
Conc: 14.34 ng/ml



#26 AR-1254-1

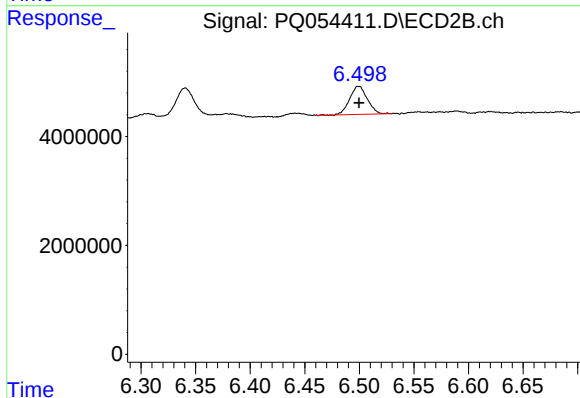
R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 5570427
Conc: 7.43 ng/ml



#27 AR-1254-2

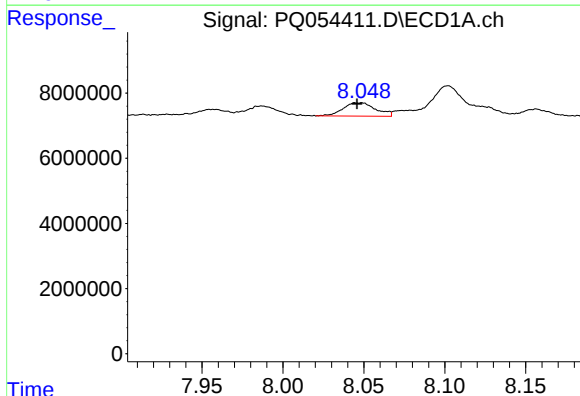
R.T.: 7.661 min
Delta R.T.: -0.002 min
Response: 10297801
Conc: 9.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



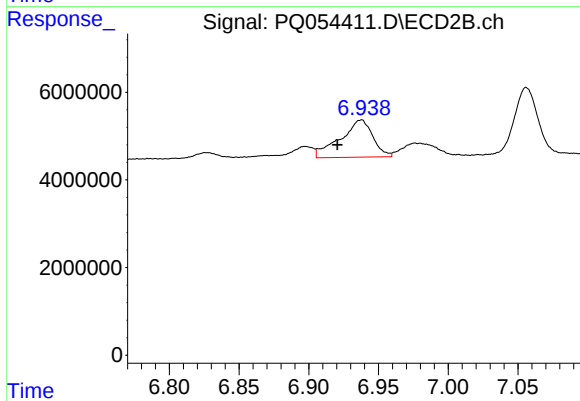
#27 AR-1254-2

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 5880597
Conc: 8.88 ng/ml



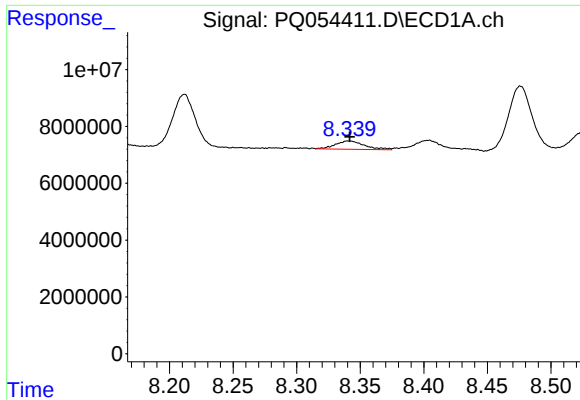
#28 AR-1254-3

R.T.: 8.049 min
Delta R.T.: 0.003 min
Response: 5773054
Conc: 4.70 ng/ml



#28 AR-1254-3

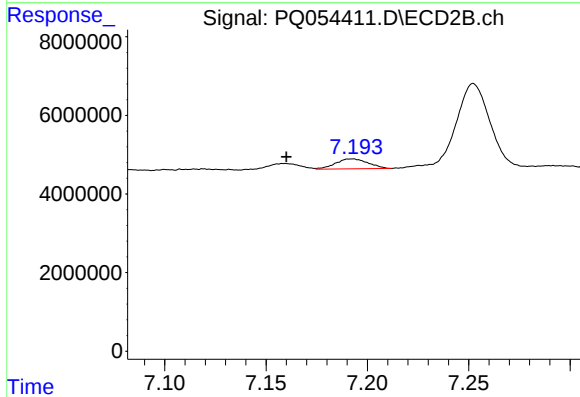
R.T.: 6.938 min
Delta R.T.: 0.018 min
Response: 13816799
Conc: 12.82 ng/ml



#29 AR-1254-4

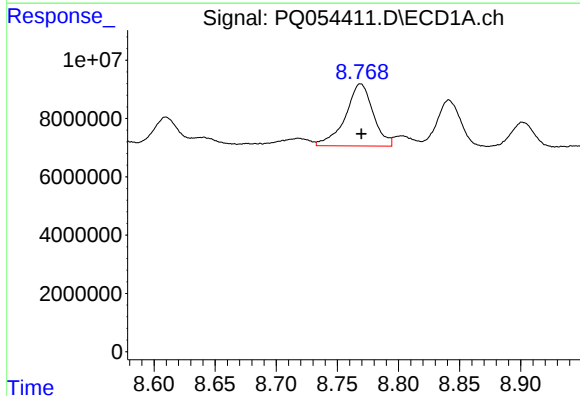
R.T.: 8.341 min
Delta R.T.: -0.001 min
Response: 4669624
Conc: 5.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



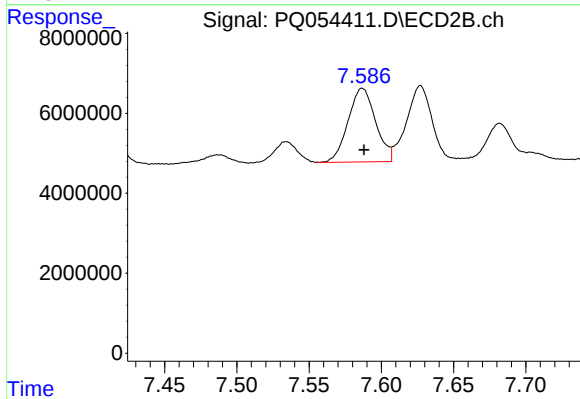
#29 AR-1254-4

R.T.: 7.193 min
Delta R.T.: 0.033 min
Response: 2809890
Conc: 3.79 ng/ml



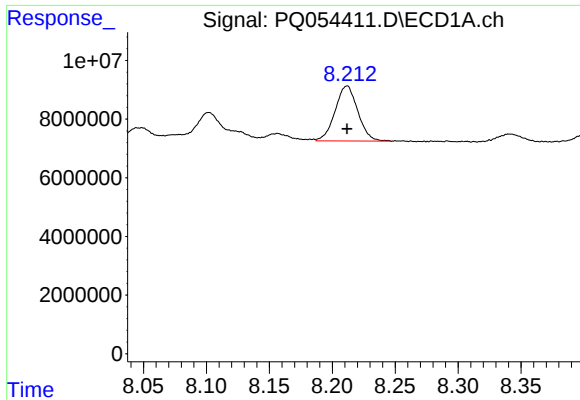
#30 AR-1254-5

R.T.: 8.769 min
Delta R.T.: 0.000 min
Response: 33759136
Conc: 35.78 ng/ml



#30 AR-1254-5

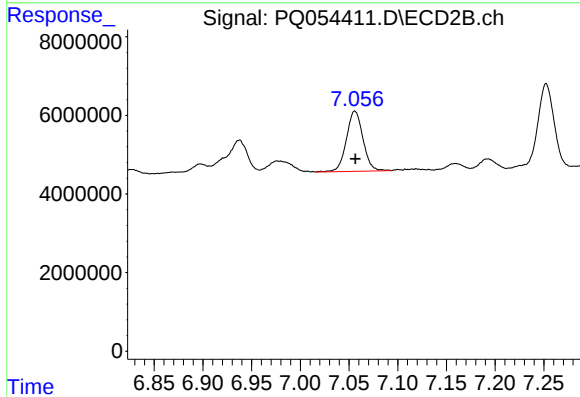
R.T.: 7.587 min
Delta R.T.: -0.001 min
Response: 24492492
Conc: 23.95 ng/ml



#31 AR-1260-1

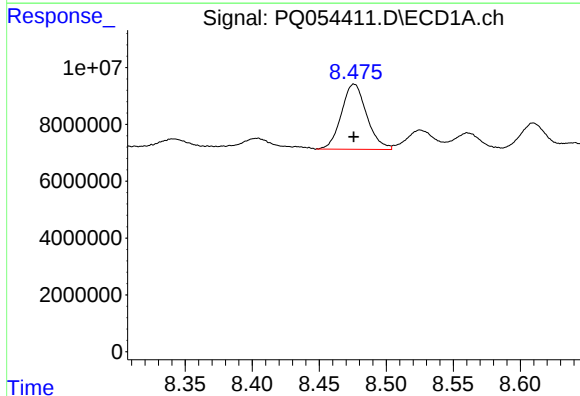
R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 23592504
Conc: 29.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



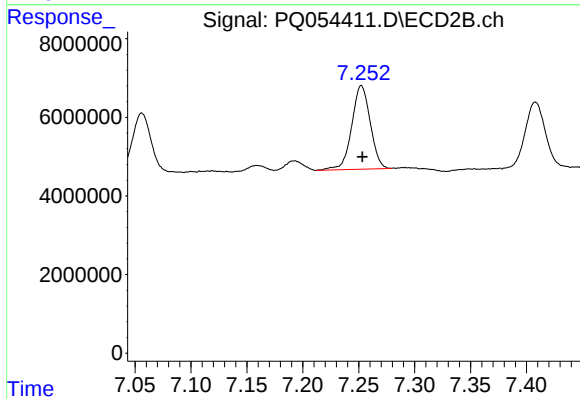
#31 AR-1260-1

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 18152631
Conc: 26.80 ng/ml



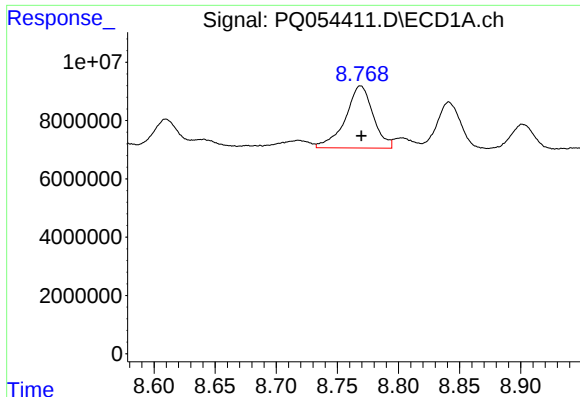
#32 AR-1260-2

R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 30127763
Conc: 31.48 ng/ml



#32 AR-1260-2

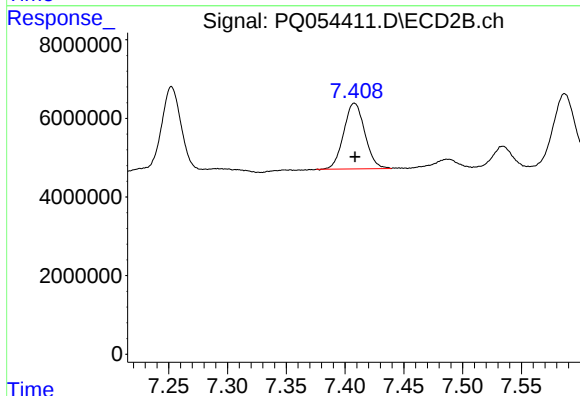
R.T.: 7.252 min
Delta R.T.: -0.001 min
Response: 24538724
Conc: 25.31 ng/ml



#33 AR-1260-3

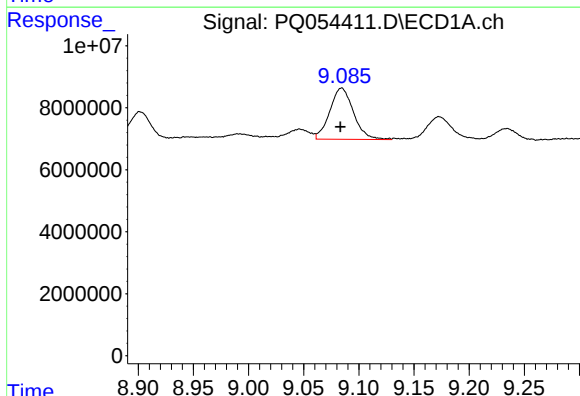
R.T.: 8.769 min
Delta R.T.: 0.000 min
Response: 33759136
Conc: 30.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



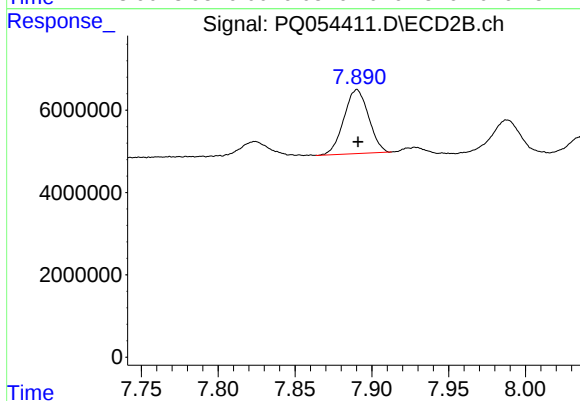
#33 AR-1260-3

R.T.: 7.408 min
Delta R.T.: 0.000 min
Response: 20982040
Conc: 25.93 ng/ml



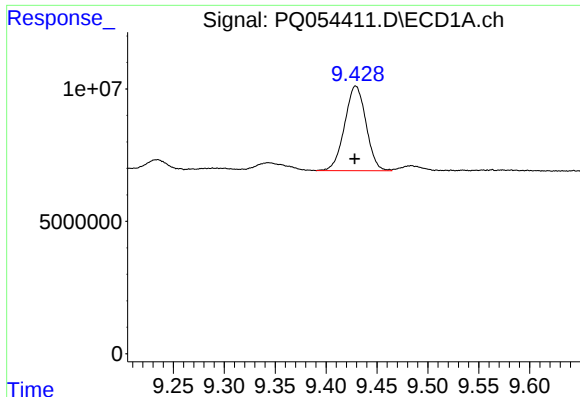
#34 AR-1260-4

R.T.: 9.084 min
Delta R.T.: 0.001 min
Response: 24697196
Conc: 30.14 ng/ml



#34 AR-1260-4

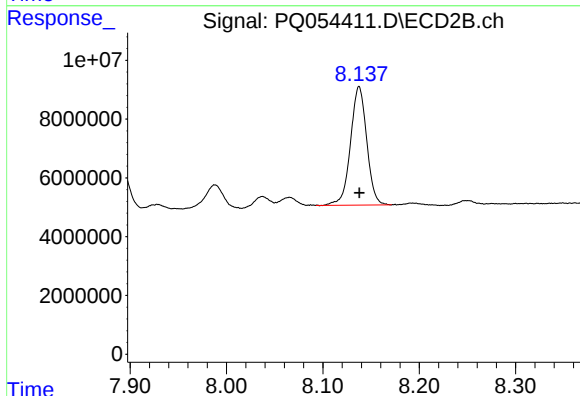
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 17368134
Conc: 24.52 ng/ml



#35 AR-1260-5

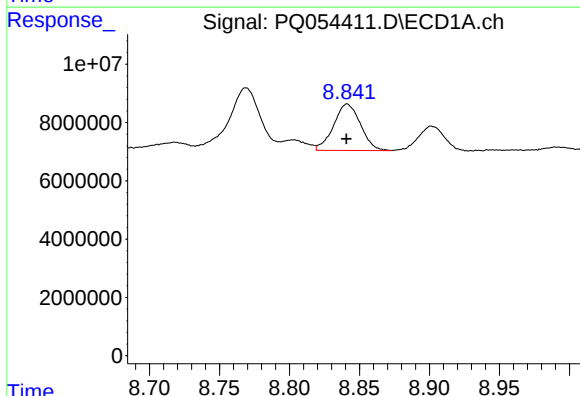
R.T.: 9.429 min
Delta R.T.: 0.000 min
Response: 46742291
Conc: 28.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



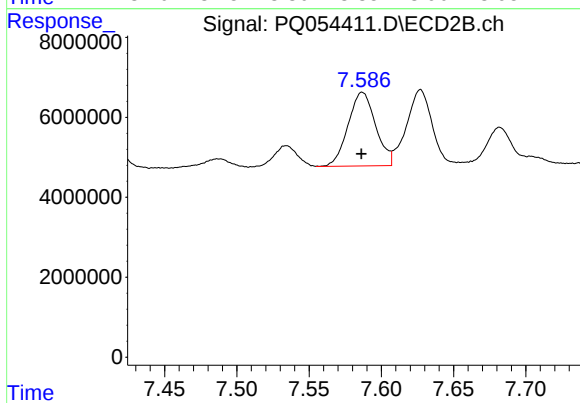
#35 AR-1260-5

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 47145479
Conc: 23.84 ng/ml



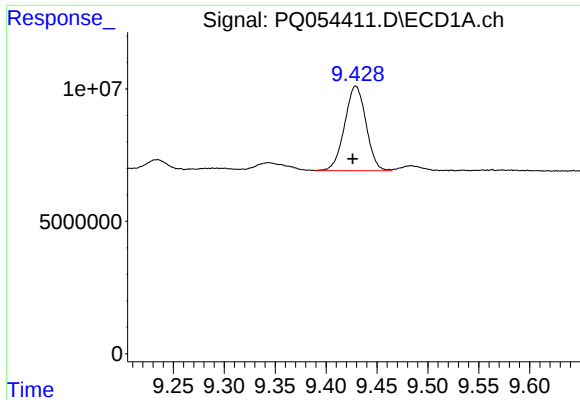
#36 AR-1262-1

R.T.: 8.841 min
Delta R.T.: 0.000 min
Response: 21352215
Conc: 19.30 ng/ml



#36 AR-1262-1

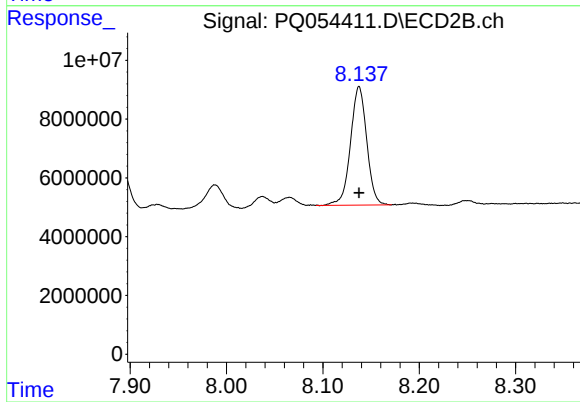
R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 24492492
Conc: 44.34 ng/ml



#37 AR-1262-2

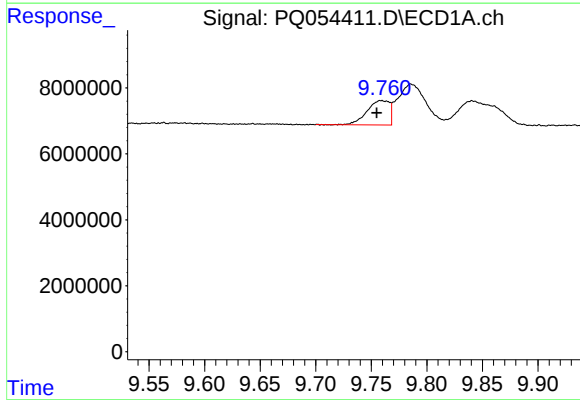
R.T.: 9.429 min
Delta R.T.: 0.003 min
Response: 46742291
Conc: 23.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



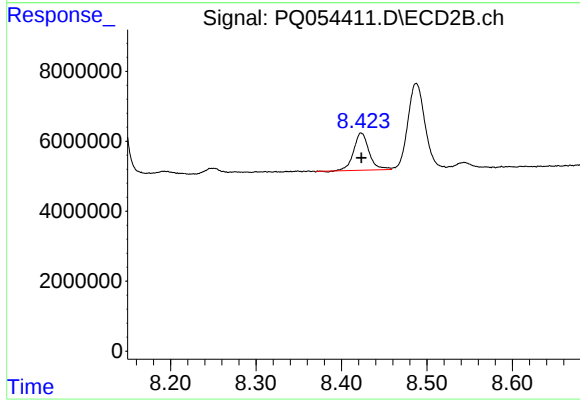
#37 AR-1262-2

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 47145479
Conc: 20.05 ng/ml



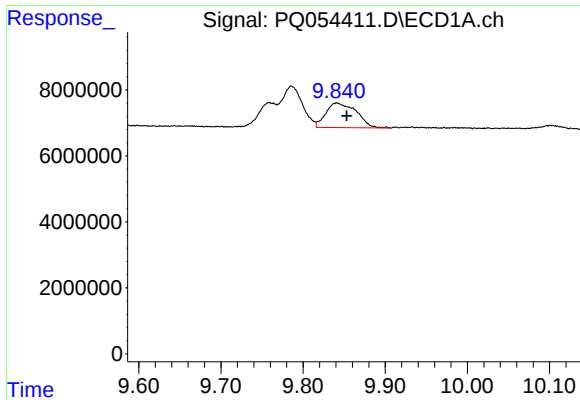
#38 AR-1262-3

R.T.: 9.759 min
Delta R.T.: 0.004 min
Response: 10404867
Conc: 12.23 ng/ml



#38 AR-1262-3

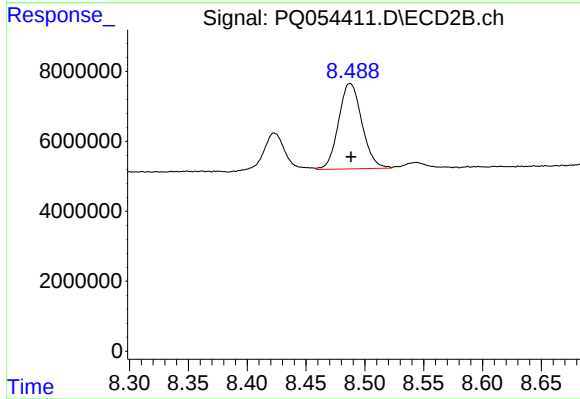
R.T.: 8.423 min
Delta R.T.: 0.000 min
Response: 13271108
Conc: 14.07 ng/ml



#39 AR-1262-4

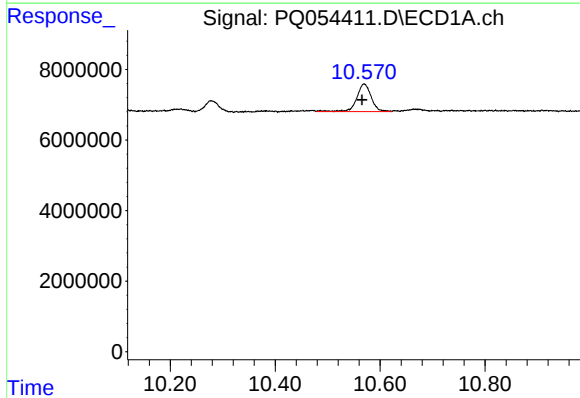
R.T.: 9.841 min
Delta R.T.: -0.012 min
Response: 19306210
Conc: 37.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



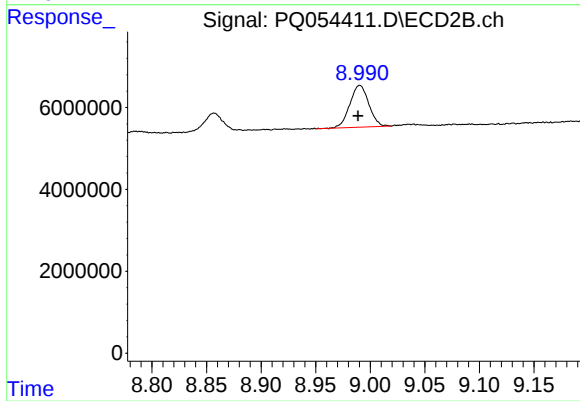
#39 AR-1262-4

R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 33742975
Conc: 20.85 ng/ml



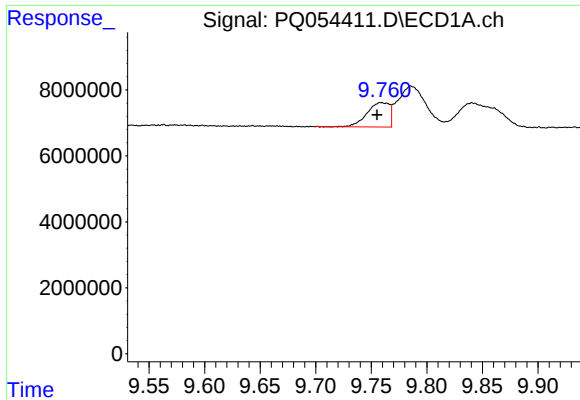
#40 AR-1262-5

R.T.: 10.570 min
Delta R.T.: 0.004 min
Response: 15016794
Conc: 20.89 ng/ml



#40 AR-1262-5

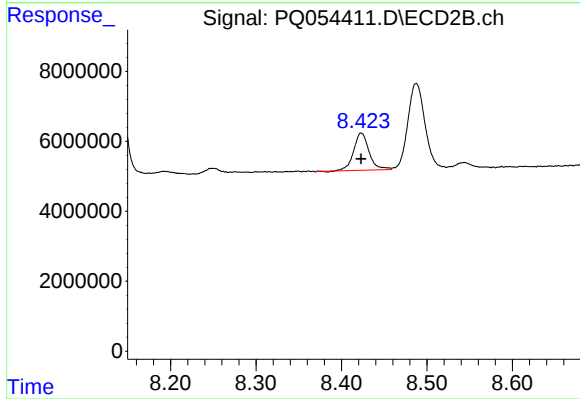
R.T.: 8.990 min
Delta R.T.: 0.001 min
Response: 12339062
Conc: 16.56 ng/ml



#41 AR-1268-1

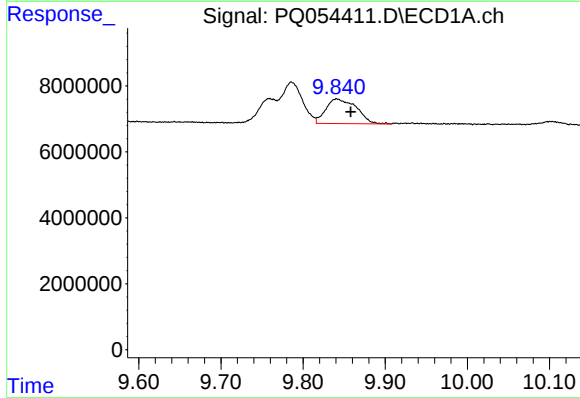
R.T.: 9.759 min
Delta R.T.: 0.004 min
Response: 10404867
Conc: 4.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



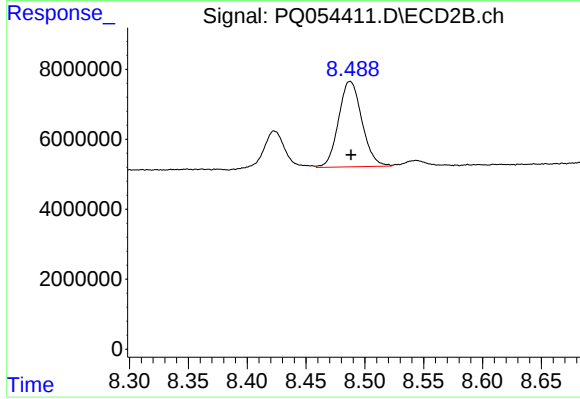
#41 AR-1268-1

R.T.: 8.423 min
Delta R.T.: 0.000 min
Response: 13271108
Conc: 4.78 ng/ml



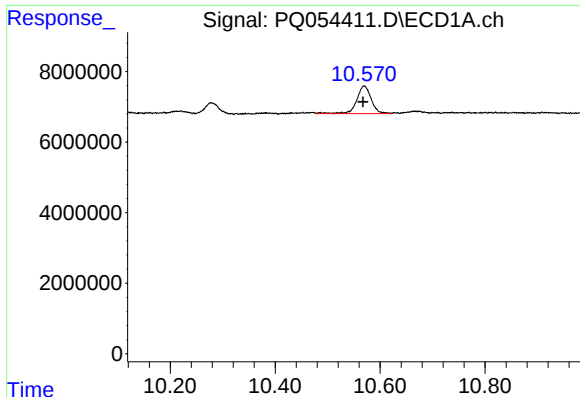
#42 AR-1268-2

R.T.: 9.841 min
Delta R.T.: -0.017 min
Response: 19306210
Conc: 9.41 ng/ml



#42 AR-1268-2

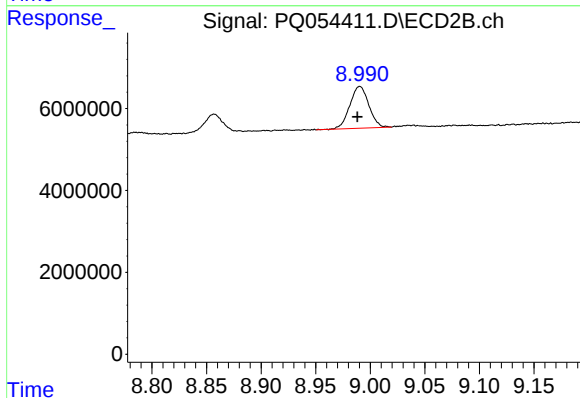
R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 33742975
Conc: 14.39 ng/ml



#44 AR-1268-4

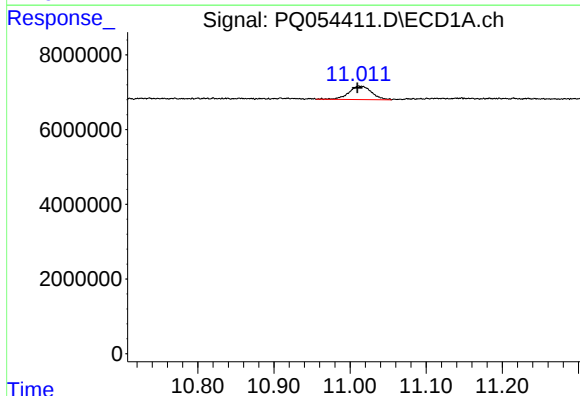
R.T.: 10.570 min
Delta R.T.: 0.002 min
Response: 15016794
Conc: 19.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



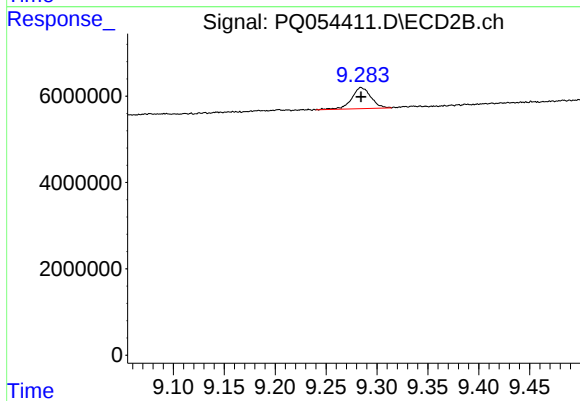
#44 AR-1268-4

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 12339062
Conc: 15.26 ng/ml



#45 AR-1268-5

R.T.: 11.012 min
Delta R.T.: 0.002 min
Response: 7483912
Conc: 1.31 ng/ml



#45 AR-1268-5

R.T.: 9.284 min
Delta R.T.: 0.000 min
Response: 6415348
Conc: 1.10 ng/ml