

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112219\
 Data File : PQ045354.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2019 23:58
 Operator : SM\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 01:37:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 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...	5.092	4.300	152.0E6	99419320	19.143	21.085
2)	SA Decachlor...	11.148	9.714	261.8E6	232.8E6	37.801	34.308
Target Compounds							
3)	L1 AR-1016-1	6.430	5.580	131.1E6	61474564	521.564	333.775 #
4)	L1 AR-1016-2	6.430	5.600	131.1E6	88548397	346.621	335.113
5)	L1 AR-1016-3	6.496	5.797	81200672	47860029	349.749	370.849
6)	L1 AR-1016-4	6.602	5.845	66033400	38030838	348.774	350.227
7)	L1 AR-1016-5	6.917	6.079	67035132	53415861	343.691	349.620
8)	L2 AR-1221-1	5.333	4.560	7783128	5081331	93.917	94.732
9)	L2 AR-1221-2	5.437	4.664	10389922	6915537	176.962	175.164
10)	L2 AR-1221-3	5.524	4.755	44281015	28419664	225.639	217.418
11)	L3 AR-1232-1	5.524	4.755	44281015	28419664	254.014	246.398
12)	L3 AR-1232-2	6.113	5.600	62599702	88548397	697.978	711.944
13)	L3 AR-1232-3	6.430	5.797	131.1E6	47860029	742.355	808.176
14)	L3 AR-1232-4	6.602	5.891	66033400	48901064	746.351	813.468
15)	L3 AR-1232-5	6.700	6.079	53830221	53415861	811.429	733.401
16)	L4 AR-1242-1	6.405	5.580	87711489	61474564	408.065	392.090
17)	L4 AR-1242-2	6.430	5.600	131.1E6	88548397	407.582	395.756
18)	L4 AR-1242-3	6.496	5.797	81200672	47860029	409.250	430.607
19)	L4 AR-1242-4	6.602	5.891	66033400	48901064	408.981	410.089
20)	L4 AR-1242-5	7.383	6.462	73442229	70308094	405.838	428.179
21)	L5 AR-1248-1	6.405	5.580	87711489	61474564	520.791	493.964
22)	L5 AR-1248-2	6.700	5.845	53830221	38030838	219.775	223.410
23)	L5 AR-1248-3	6.917	5.891	67035132	48901064	246.310	273.432
24)	L5 AR-1248-4	7.343	6.079	70557518	53415861	232.965	245.396
25)	L5 AR-1248-5	7.383	6.505	73442229	59796132	256.748	268.159
26)	L6 AR-1254-1	7.313	6.462	53235081	70308094	164.531	193.271
27)	L6 AR-1254-2	7.548	6.619	62849080	17347992	126.584	53.862 #
28)	L6 AR-1254-3	7.924	7.047	26945015	25818759	50.624	46.546
29)	L6 AR-1254-4	8.219	7.286	16781149	21908005	43.442	61.294 #
30)	L6 AR-1254-5	8.649	7.719	6504087	7615234	15.056	15.230
31)	L7 AR-1260-1	8.093	7.199	3729423	8991491	11.941	29.348 #
32)	L7 AR-1260-2	8.354	7.378	5630141	3463069	13.751	8.770 #
33)	L7 AR-1260-3	0.000	7.537	0	2954801	N.D.	8.625 #
34)	L7 AR-1260-4	8.947	8.064	2503630	2324781	6.584	7.581
35)	L7 AR-1260-5	0.000	8.306	0	981132	N.D.	1.254 #
36)	L8 AR-1262-1	0.000	7.719	0	7615234	N.D.	30.089 #
37)	L8 AR-1262-2	0.000	8.306	0	981132	N.D.	0.994 #
38)	L8 AR-1262-3	0.000	8.625	0	1377380	N.D.	3.575 #
39)	L8 AR-1262-4	0.000	8.625	0	1377380	N.D.	1.870 #
41)	L9 AR-1268-1	0.000	8.625	0	1377380	N.D.	1.145 #
42)	L9 AR-1268-2	0.000	8.625	0	1377380	N.D.	1.237 #

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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
43) L9	AR-1268-3	0.000	8.831	0	2285509	N.D.	2.457 #
45) L9	AR-1268-5	0.000	9.446	0	1469296	N.D.	0.486 #

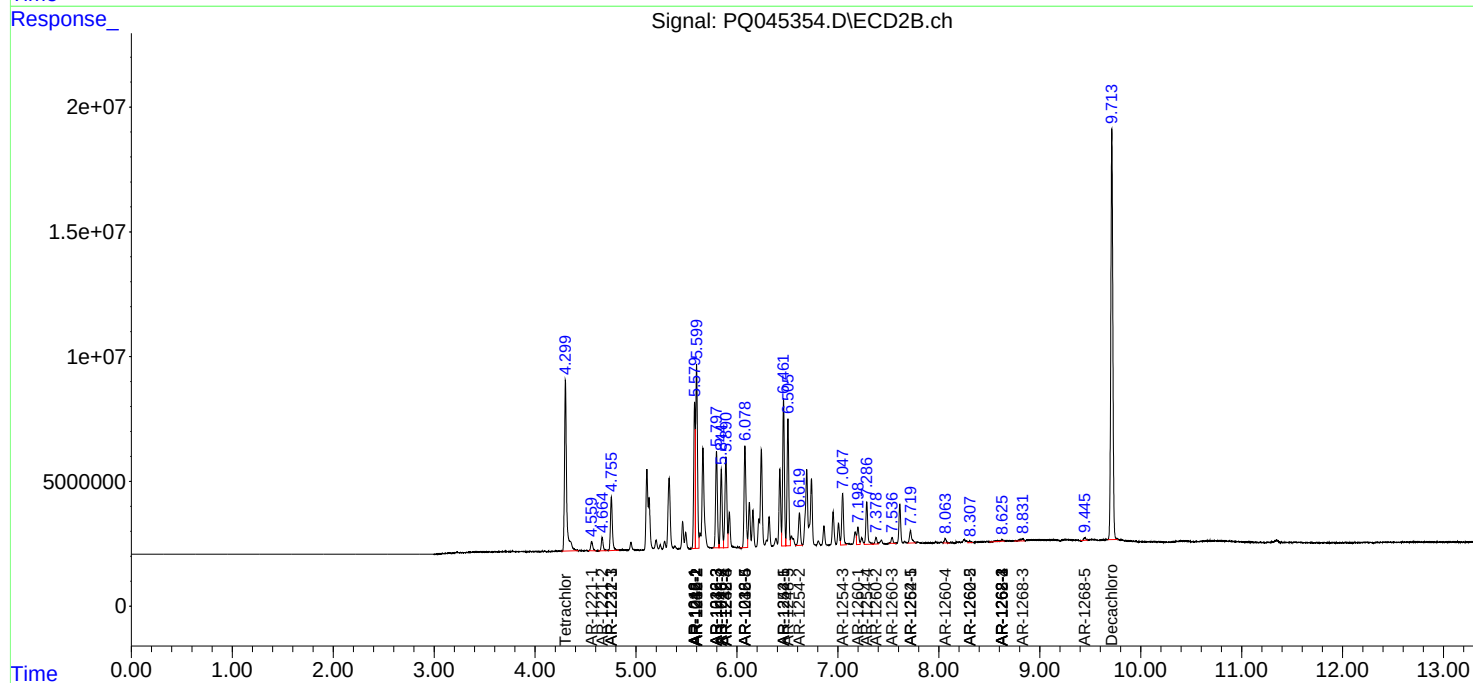
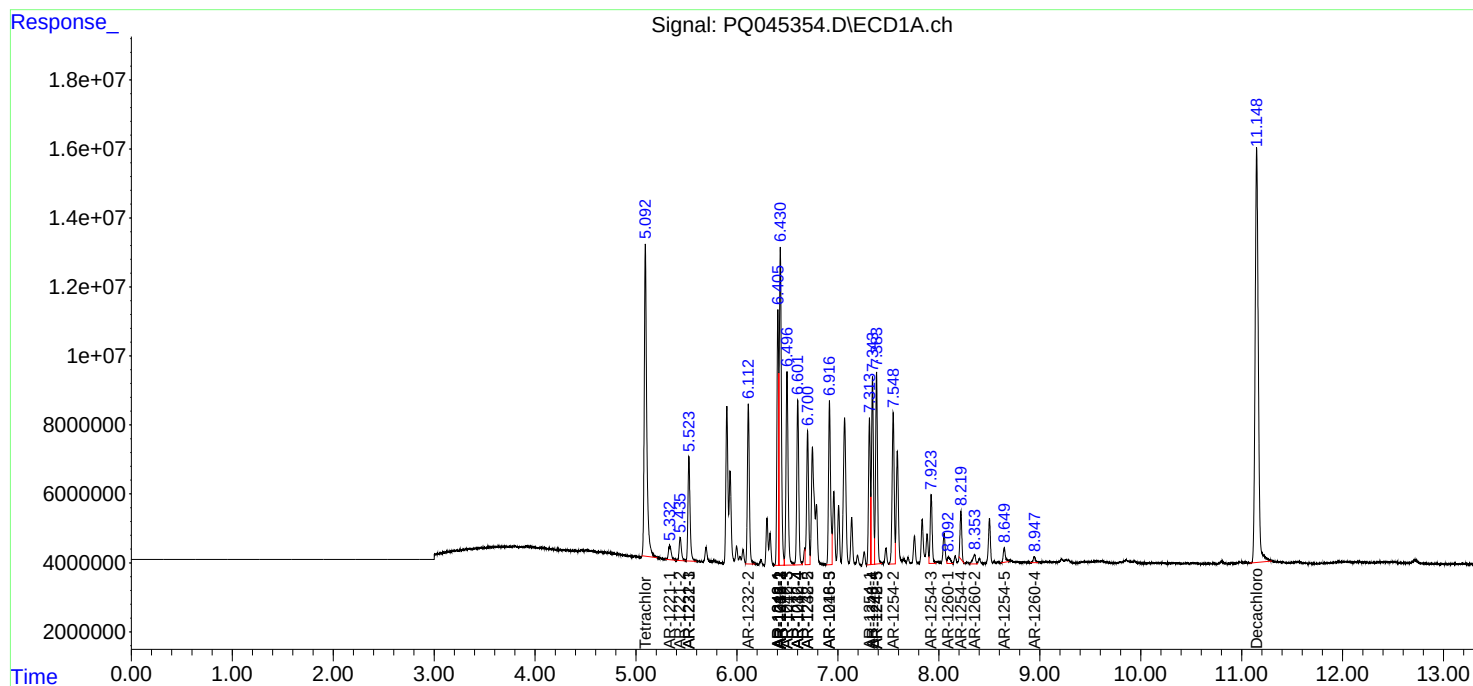
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

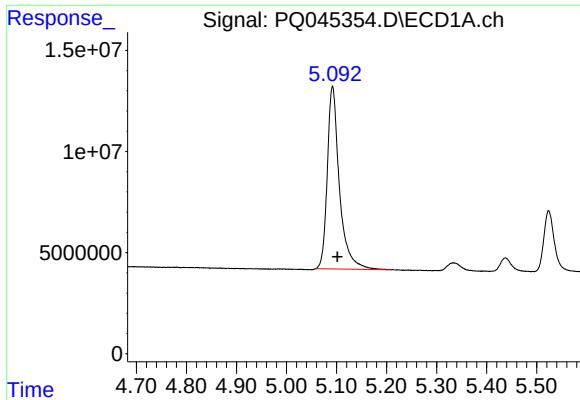
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112219\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

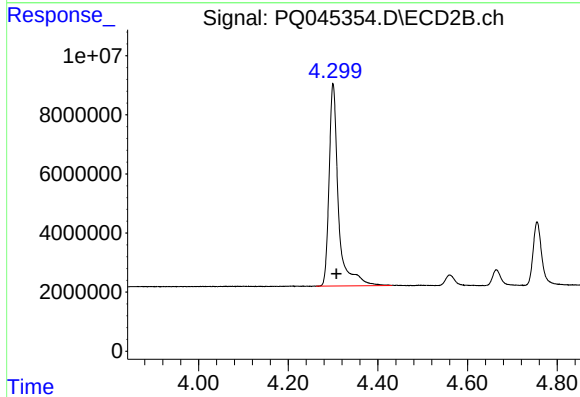




#1 Tetrachloro-m-xylene

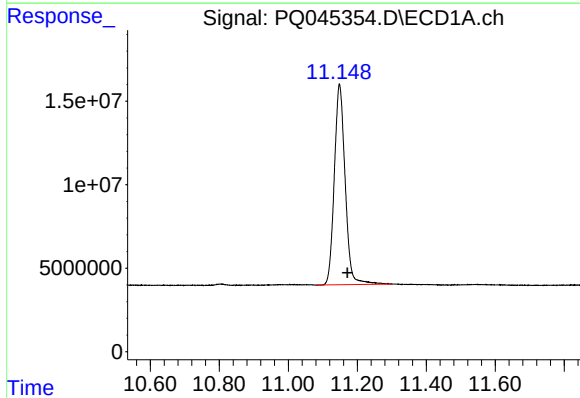
R.T.: 5.092 min
Delta R.T.: -0.010 min
Response: 151954338
Conc: 19.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



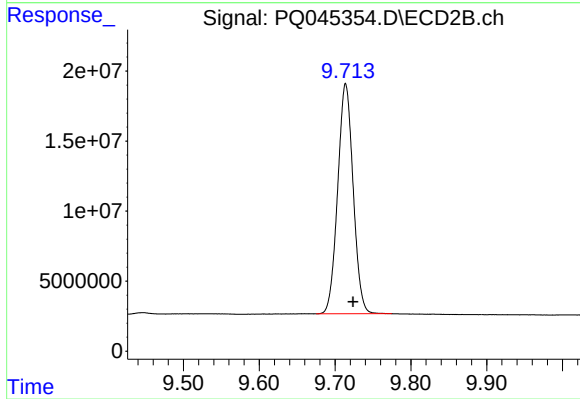
#1 Tetrachloro-m-xylene

R.T.: 4.300 min
Delta R.T.: -0.007 min
Response: 99419320
Conc: 21.08 ng/ml



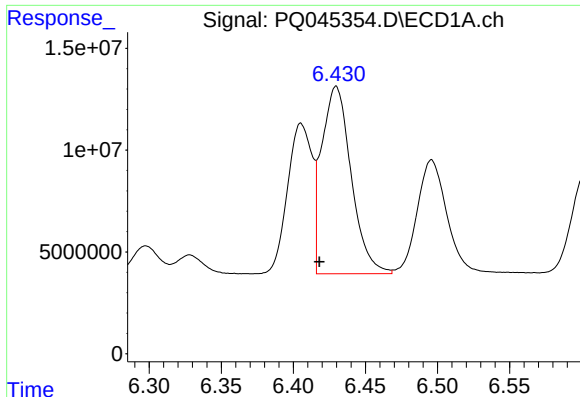
#2 Decachlorobiphenyl

R.T.: 11.148 min
Delta R.T.: -0.023 min
Response: 261809556
Conc: 37.80 ng/ml



#2 Decachlorobiphenyl

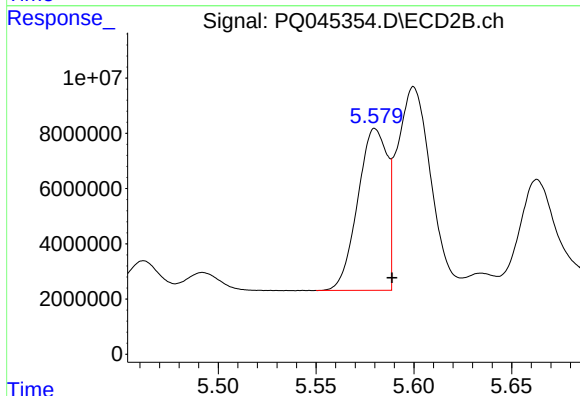
R.T.: 9.714 min
Delta R.T.: -0.010 min
Response: 232783587
Conc: 34.31 ng/ml



#3 AR-1016-1

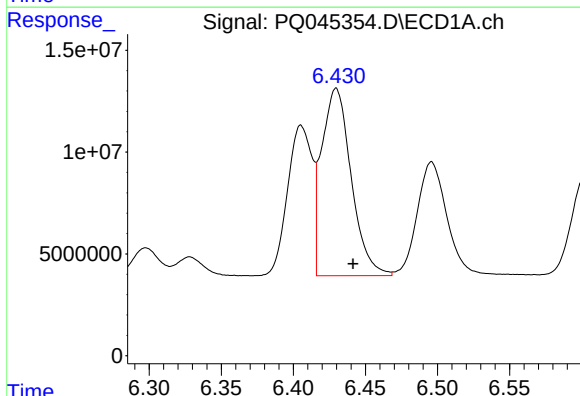
R.T.: 6.430 min
Delta R.T.: 0.012 min
Response: 131073171
Conc: 521.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



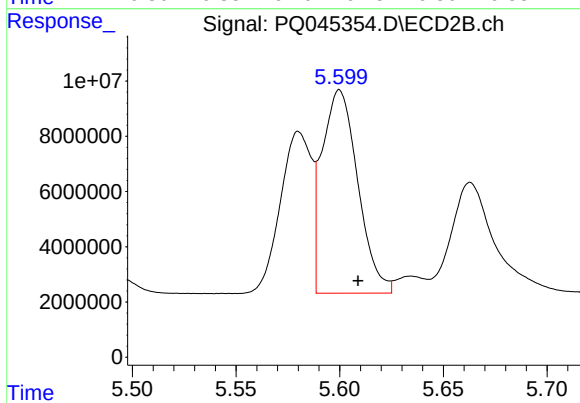
#3 AR-1016-1

R.T.: 5.580 min
Delta R.T.: -0.009 min
Response: 61474564
Conc: 333.77 ng/ml



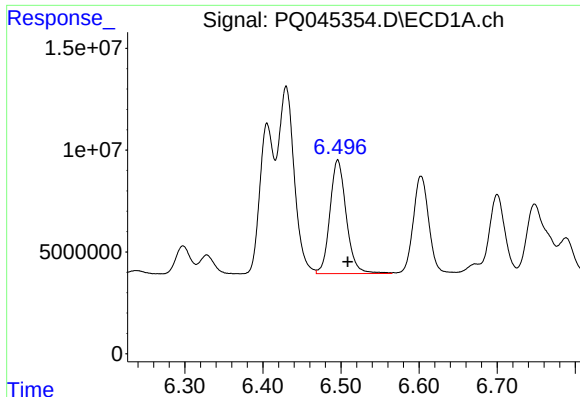
#4 AR-1016-2

R.T.: 6.430 min
Delta R.T.: -0.012 min
Response: 131073171
Conc: 346.62 ng/ml



#4 AR-1016-2

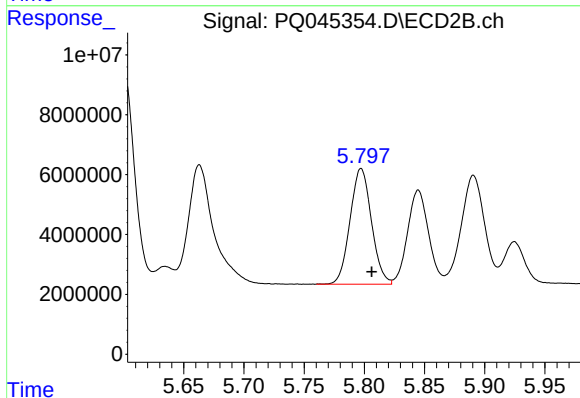
R.T.: 5.600 min
Delta R.T.: -0.009 min
Response: 88548397
Conc: 335.11 ng/ml



#5 AR-1016-3

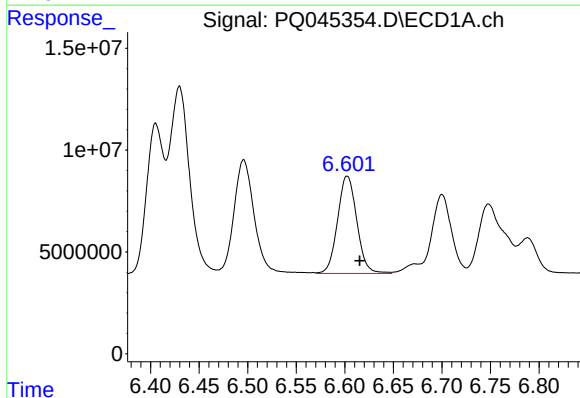
R.T.: 6.496 min
Delta R.T.: -0.013 min
Response: 81200672
Conc: 349.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



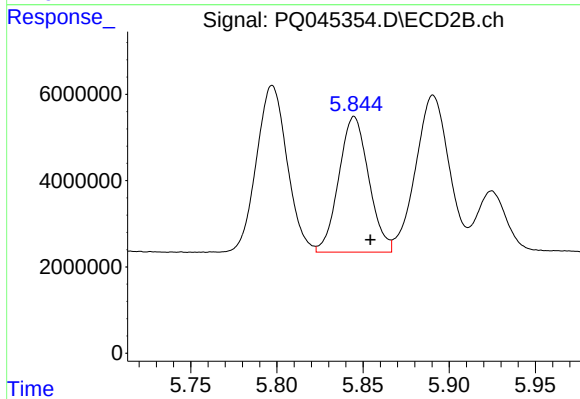
#5 AR-1016-3

R.T.: 5.797 min
Delta R.T.: -0.009 min
Response: 47860029
Conc: 370.85 ng/ml



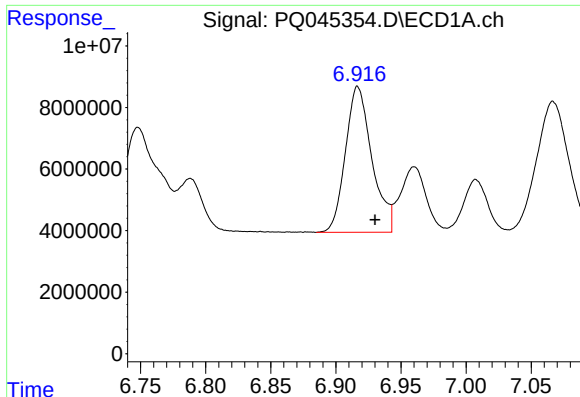
#6 AR-1016-4

R.T.: 6.602 min
Delta R.T.: -0.013 min
Response: 66033400
Conc: 348.77 ng/ml



#6 AR-1016-4

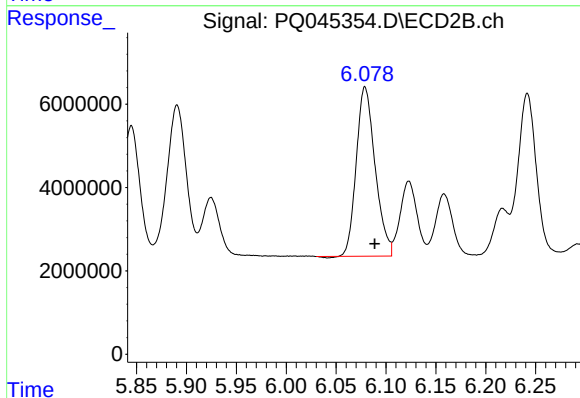
R.T.: 5.845 min
Delta R.T.: -0.009 min
Response: 38030838
Conc: 350.23 ng/ml



#7 AR-1016-5

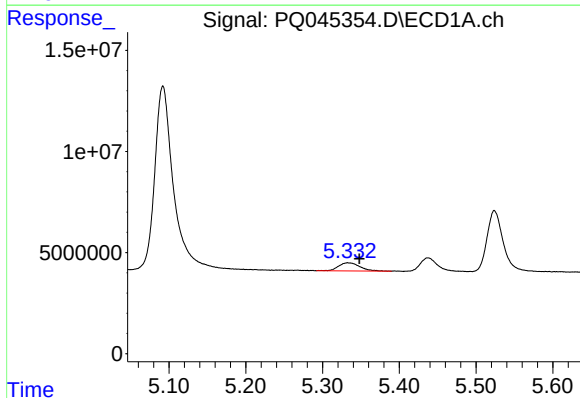
R.T.: 6.917 min
Delta R.T.: -0.014 min
Response: 67035132
Conc: 343.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



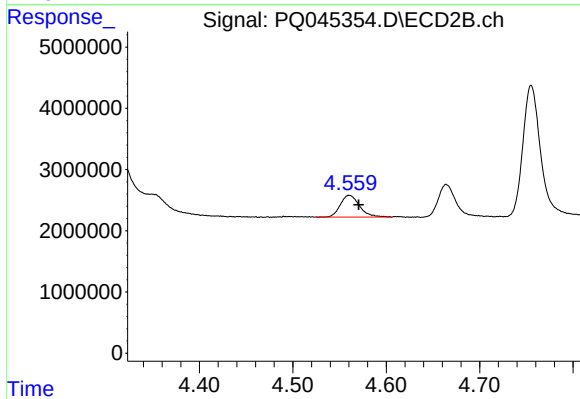
#7 AR-1016-5

R.T.: 6.079 min
Delta R.T.: -0.010 min
Response: 53415861
Conc: 349.62 ng/ml



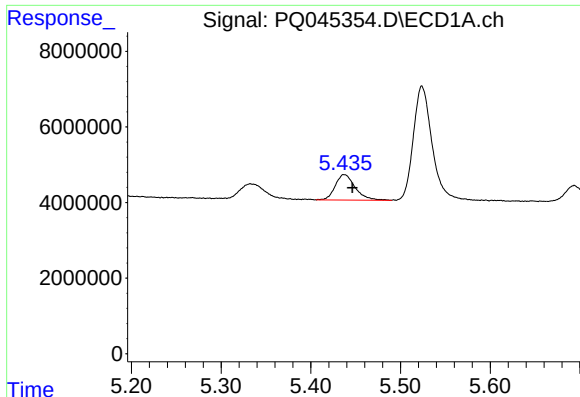
#8 AR-1221-1

R.T.: 5.333 min
Delta R.T.: -0.016 min
Response: 7783128
Conc: 93.92 ng/ml



#8 AR-1221-1

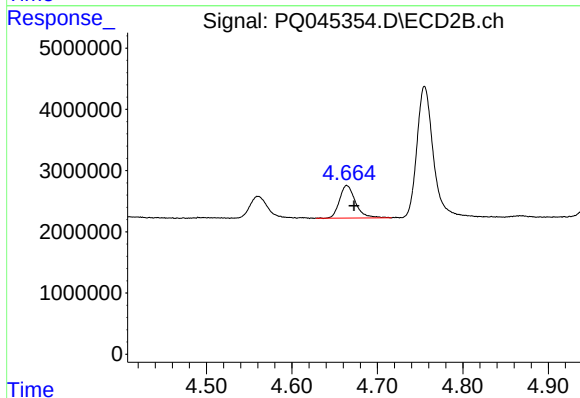
R.T.: 4.560 min
Delta R.T.: -0.011 min
Response: 5081331
Conc: 94.73 ng/ml



#9 AR-1221-2

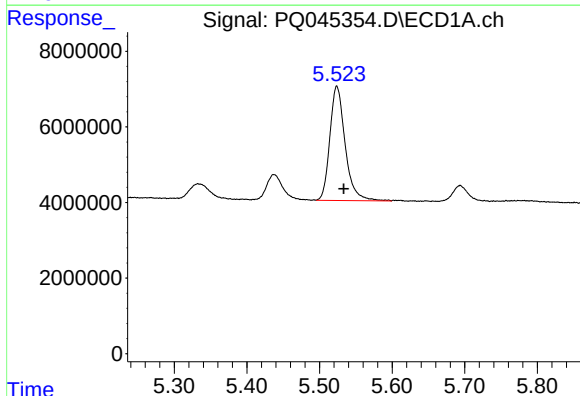
R.T.: 5.437 min
Delta R.T.: -0.010 min
Response: 10389922
Conc: 176.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



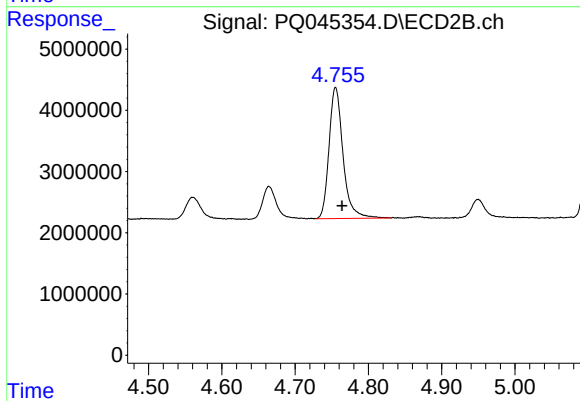
#9 AR-1221-2

R.T.: 4.664 min
Delta R.T.: -0.009 min
Response: 6915537
Conc: 175.16 ng/ml



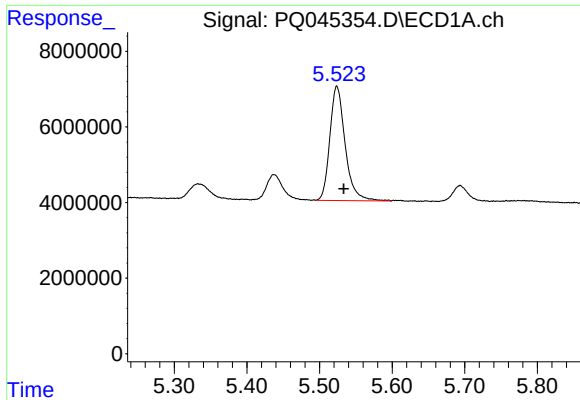
#10 AR-1221-3

R.T.: 5.524 min
Delta R.T.: -0.010 min
Response: 44281015
Conc: 225.64 ng/ml



#10 AR-1221-3

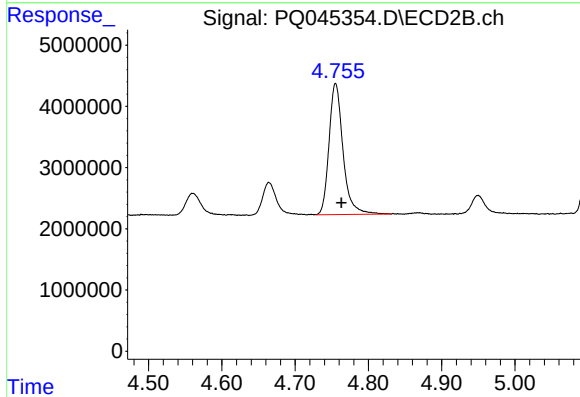
R.T.: 4.755 min
Delta R.T.: -0.009 min
Response: 28419664
Conc: 217.42 ng/ml



#11 AR-1232-1

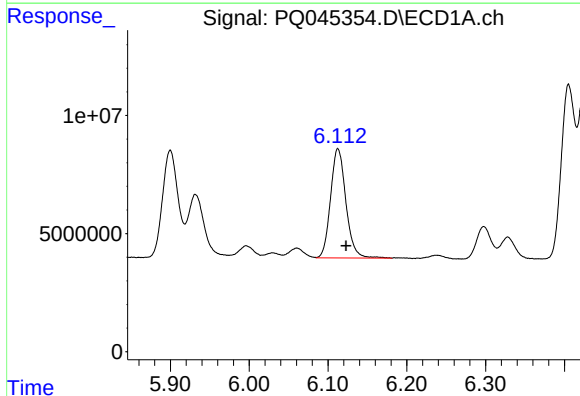
R.T.: 5.524 min
Delta R.T.: -0.009 min
Response: 44281015
Conc: 254.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



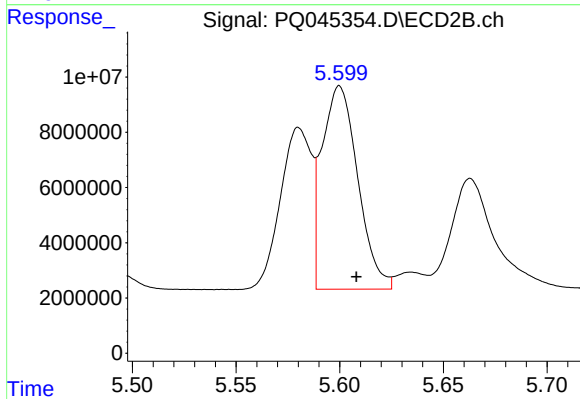
#11 AR-1232-1

R.T.: 4.755 min
Delta R.T.: -0.008 min
Response: 28419664
Conc: 246.40 ng/ml



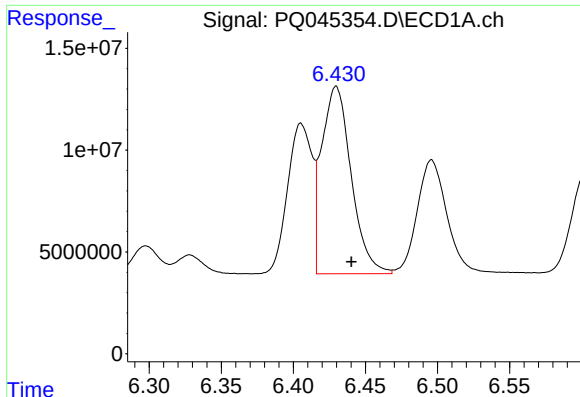
#12 AR-1232-2

R.T.: 6.113 min
Delta R.T.: -0.011 min
Response: 62599702
Conc: 697.98 ng/ml



#12 AR-1232-2

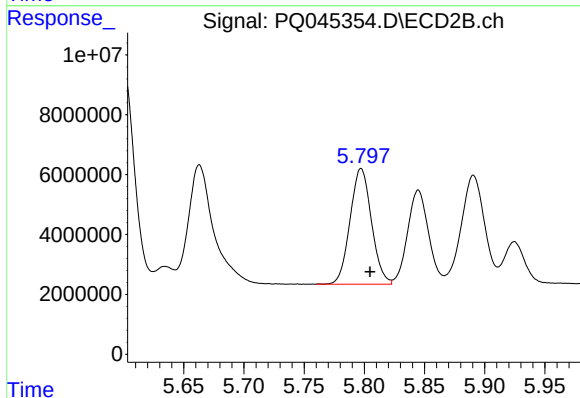
R.T.: 5.600 min
Delta R.T.: -0.008 min
Response: 88548397
Conc: 711.94 ng/ml



#13 AR-1232-3

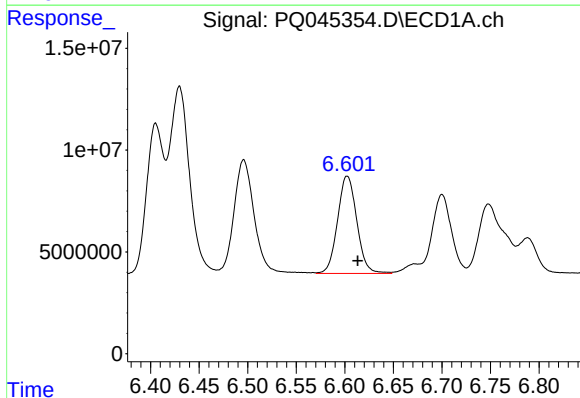
R.T.: 6.430 min
Delta R.T.: -0.010 min
Response: 131073171
Conc: 742.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



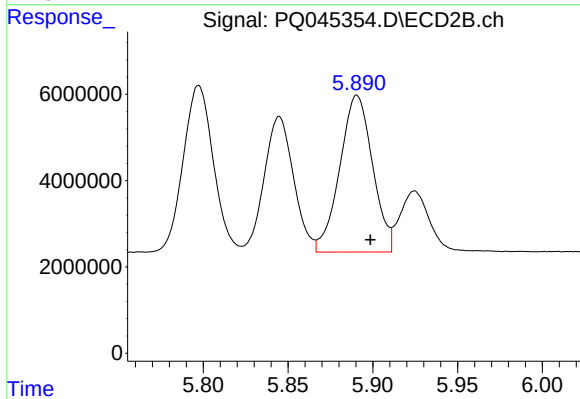
#13 AR-1232-3

R.T.: 5.797 min
Delta R.T.: -0.008 min
Response: 47860029
Conc: 808.18 ng/ml



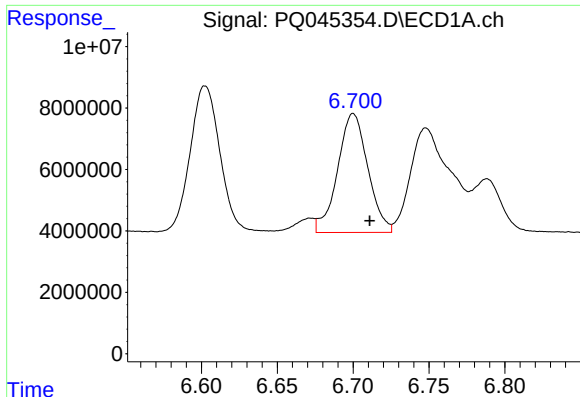
#14 AR-1232-4

R.T.: 6.602 min
Delta R.T.: -0.011 min
Response: 66033400
Conc: 746.35 ng/ml



#14 AR-1232-4

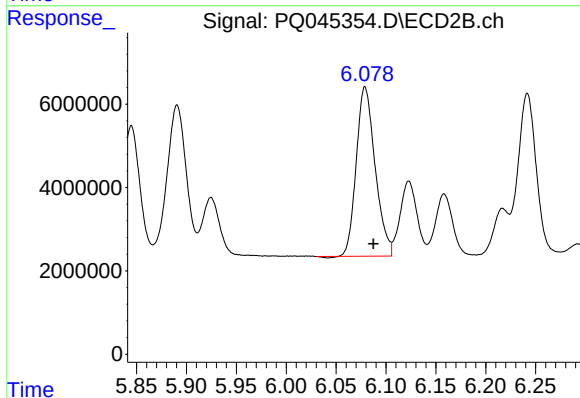
R.T.: 5.891 min
Delta R.T.: -0.008 min
Response: 48901064
Conc: 813.47 ng/ml



#15 AR-1232-5

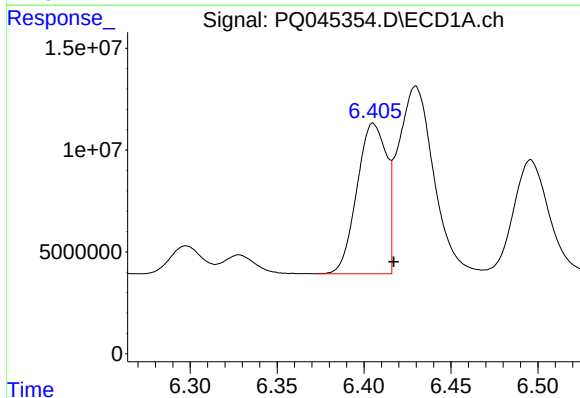
R.T.: 6.700 min
Delta R.T.: -0.011 min
Response: 53830221
Conc: 811.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



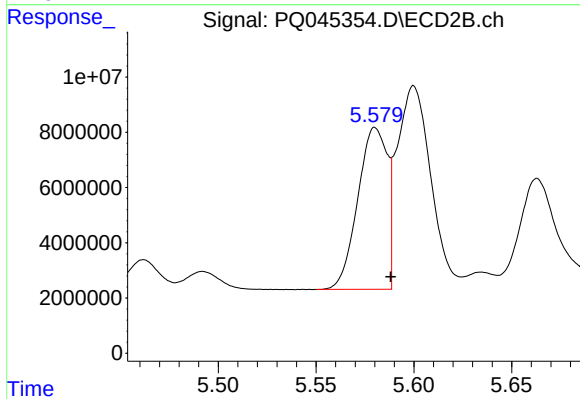
#15 AR-1232-5

R.T.: 6.079 min
Delta R.T.: -0.008 min
Response: 53415861
Conc: 733.40 ng/ml



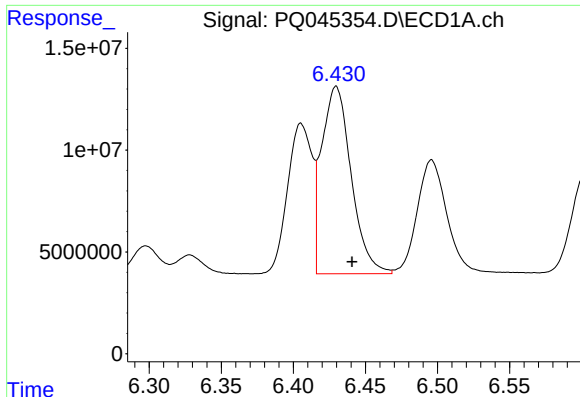
#16 AR-1242-1

R.T.: 6.405 min
Delta R.T.: -0.012 min
Response: 87711489
Conc: 408.07 ng/ml



#16 AR-1242-1

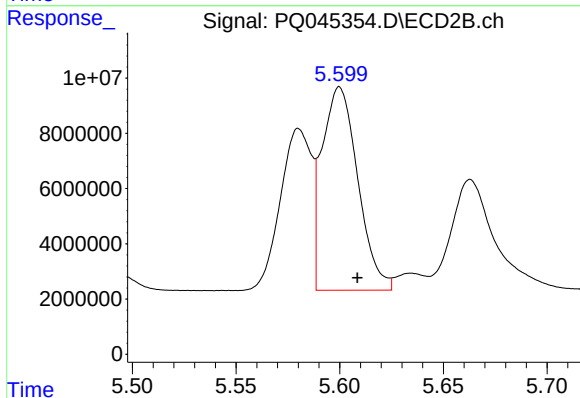
R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 61474564
Conc: 392.09 ng/ml



#17 AR-1242-2

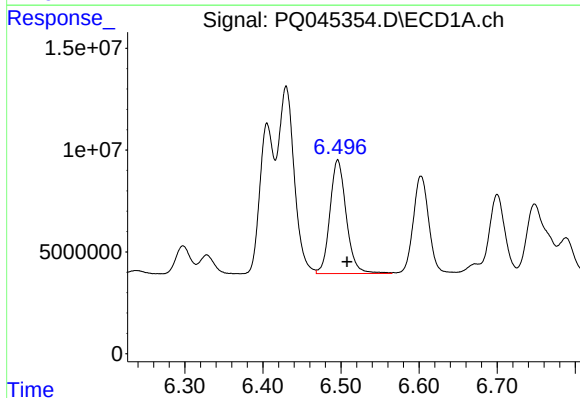
R.T.: 6.430 min
Delta R.T.: -0.011 min
Response: 131073171
Conc: 407.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



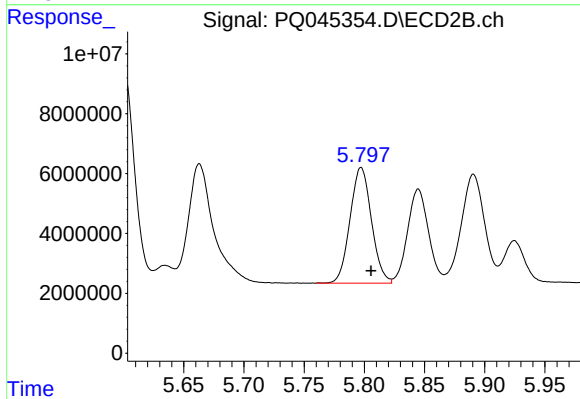
#17 AR-1242-2

R.T.: 5.600 min
Delta R.T.: -0.009 min
Response: 88548397
Conc: 395.76 ng/ml



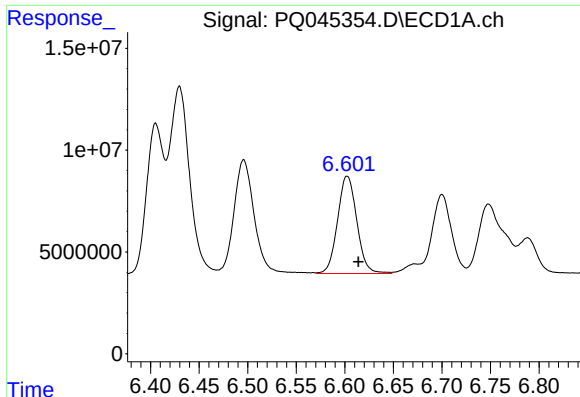
#18 AR-1242-3

R.T.: 6.496 min
Delta R.T.: -0.012 min
Response: 81200672
Conc: 409.25 ng/ml



#18 AR-1242-3

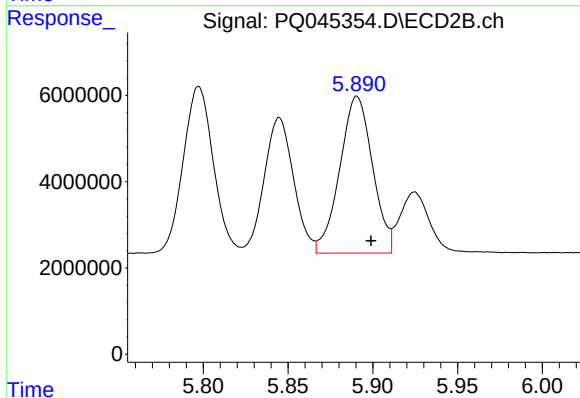
R.T.: 5.797 min
Delta R.T.: -0.008 min
Response: 47860029
Conc: 430.61 ng/ml



#19 AR-1242-4

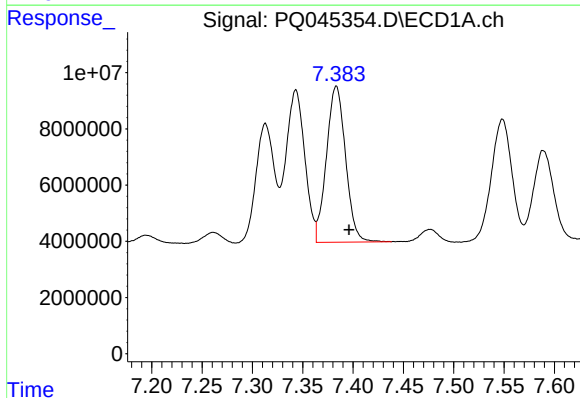
R.T.: 6.602 min
Delta R.T.: -0.012 min
Response: 66033400
Conc: 408.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



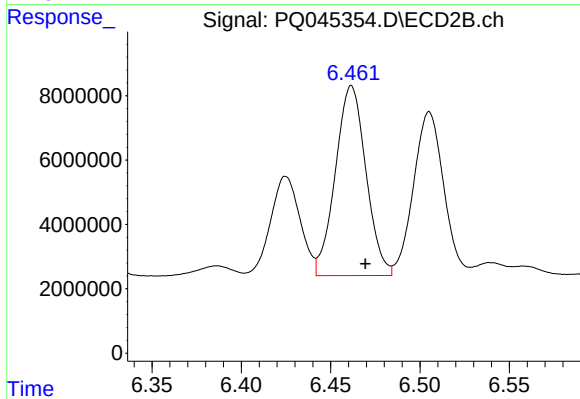
#19 AR-1242-4

R.T.: 5.891 min
Delta R.T.: -0.008 min
Response: 48901064
Conc: 410.09 ng/ml



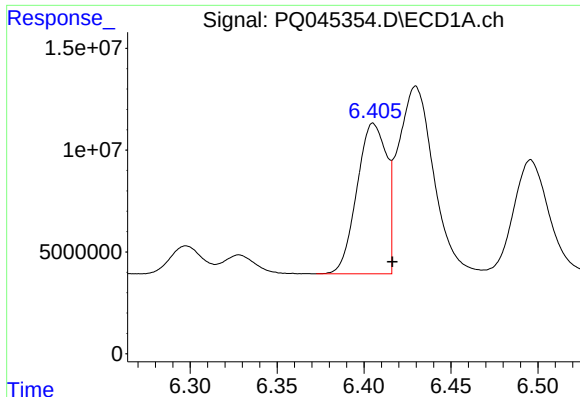
#20 AR-1242-5

R.T.: 7.383 min
Delta R.T.: -0.013 min
Response: 73442229
Conc: 405.84 ng/ml



#20 AR-1242-5

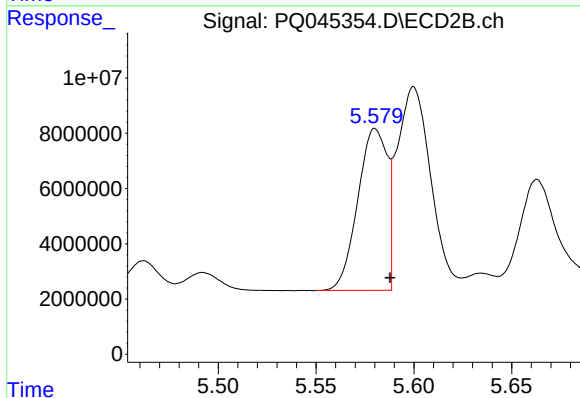
R.T.: 6.462 min
Delta R.T.: -0.008 min
Response: 70308094
Conc: 428.18 ng/ml



#21 AR-1248-1

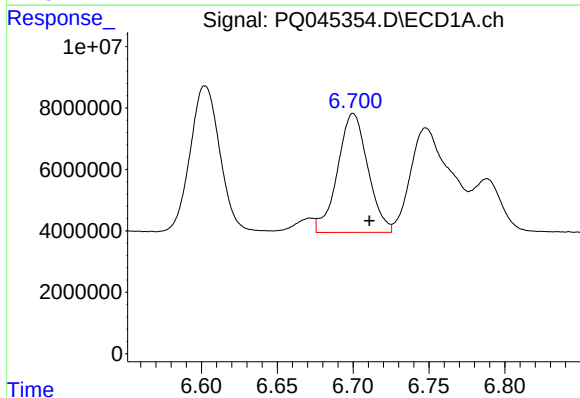
R.T.: 6.405 min
Delta R.T.: -0.011 min
Response: 87711489
Conc: 520.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



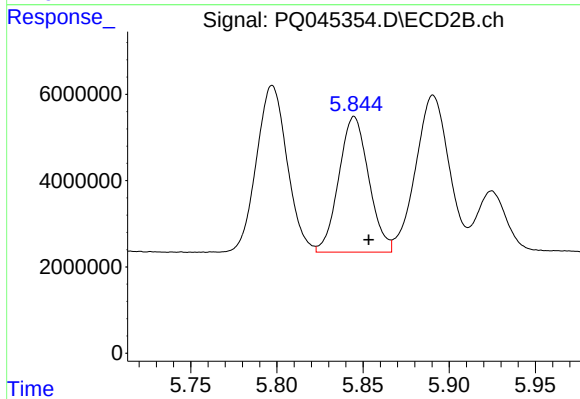
#21 AR-1248-1

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 61474564
Conc: 493.96 ng/ml



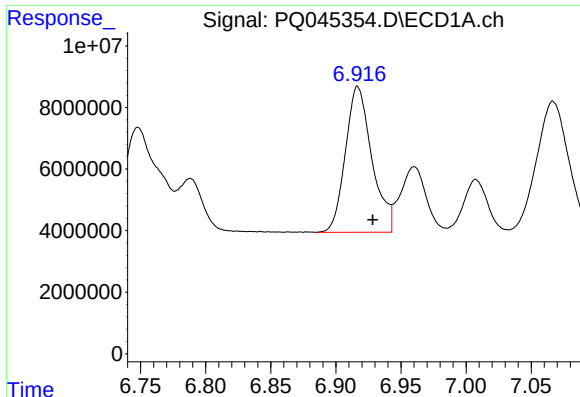
#22 AR-1248-2

R.T.: 6.700 min
Delta R.T.: -0.011 min
Response: 53830221
Conc: 219.77 ng/ml



#22 AR-1248-2

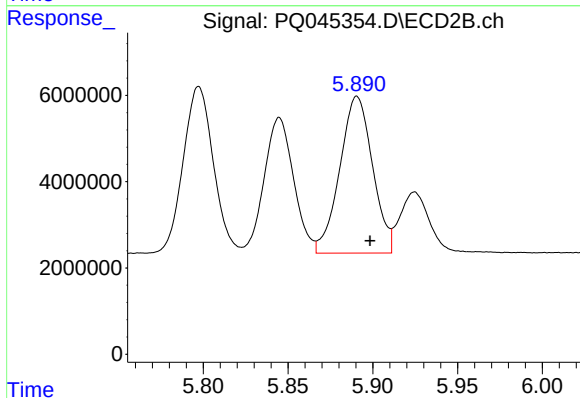
R.T.: 5.845 min
Delta R.T.: -0.008 min
Response: 38030838
Conc: 223.41 ng/ml



#23 AR-1248-3

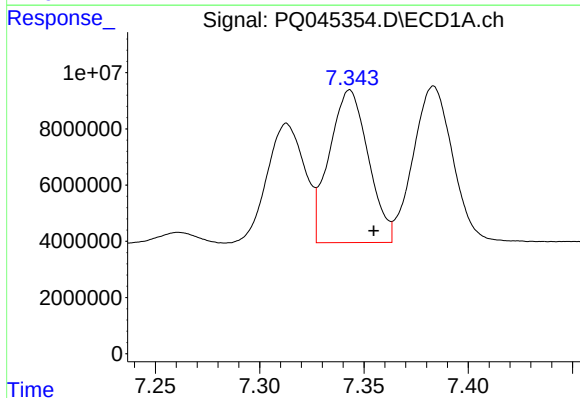
R.T.: 6.917 min
Delta R.T.: -0.012 min
Response: 67035132
Conc: 246.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



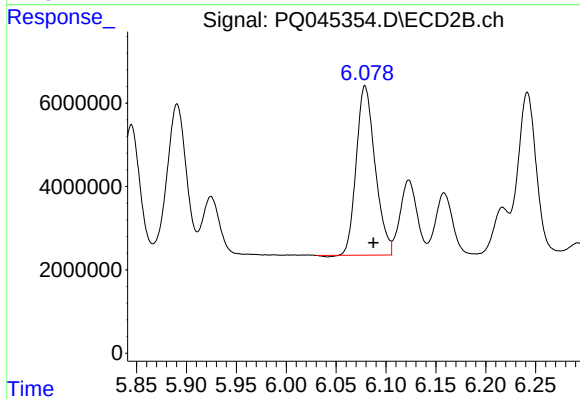
#23 AR-1248-3

R.T.: 5.891 min
Delta R.T.: -0.008 min
Response: 48901064
Conc: 273.43 ng/ml



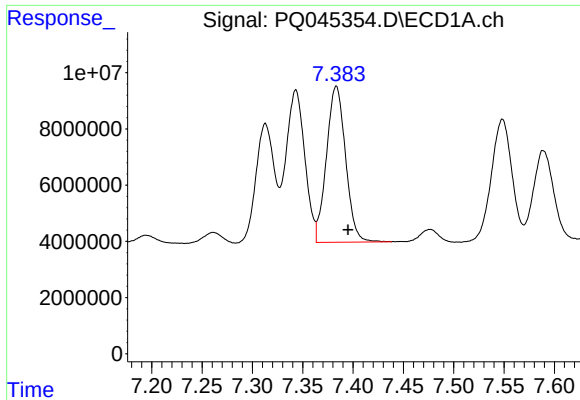
#24 AR-1248-4

R.T.: 7.343 min
Delta R.T.: -0.012 min
Response: 70557518
Conc: 232.97 ng/ml



#24 AR-1248-4

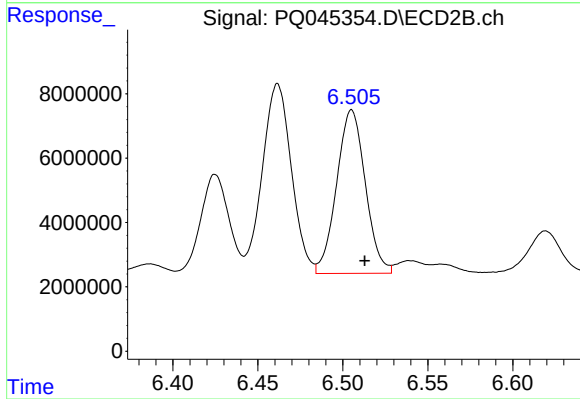
R.T.: 6.079 min
Delta R.T.: -0.009 min
Response: 53415861
Conc: 245.40 ng/ml



#25 AR-1248-5

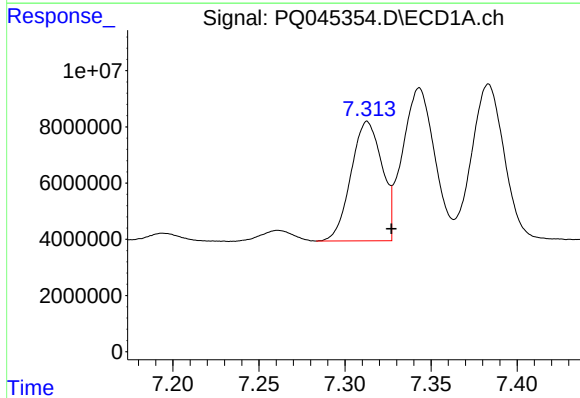
R.T.: 7.383 min
Delta R.T.: -0.012 min
Response: 73442229
Conc: 256.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



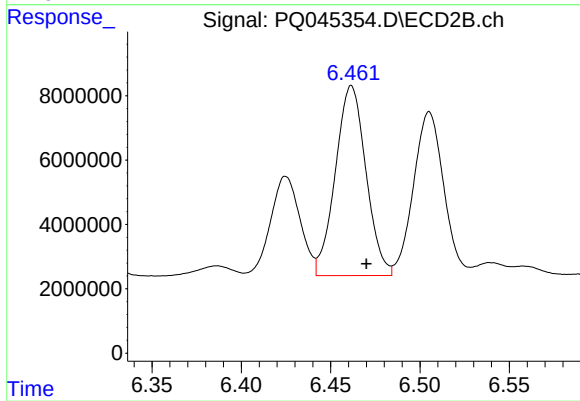
#25 AR-1248-5

R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 59796132
Conc: 268.16 ng/ml



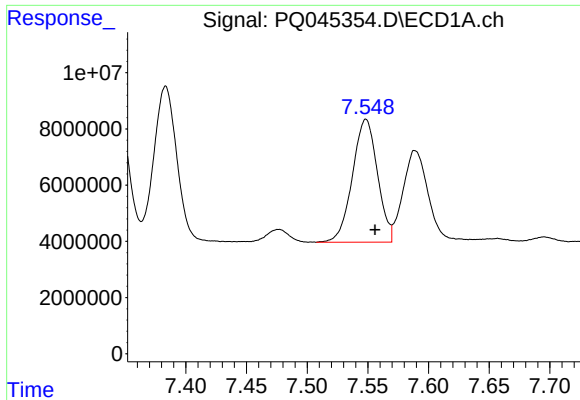
#26 AR-1254-1

R.T.: 7.313 min
Delta R.T.: -0.014 min
Response: 53235081
Conc: 164.53 ng/ml



#26 AR-1254-1

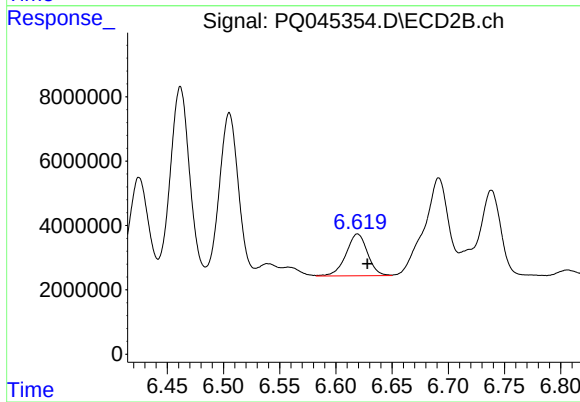
R.T.: 6.462 min
Delta R.T.: -0.008 min
Response: 70308094
Conc: 193.27 ng/ml



#27 AR-1254-2

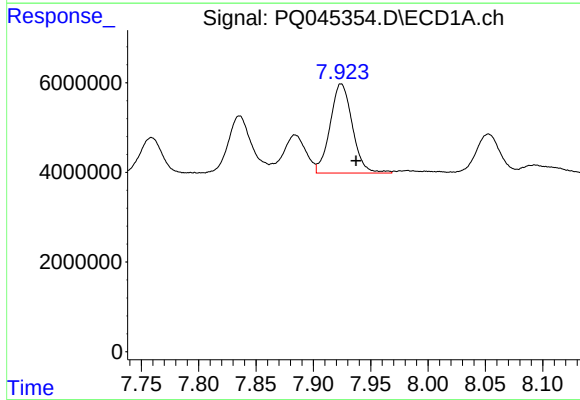
R.T.: 7.548 min
Delta R.T.: -0.008 min
Response: 62849080
Conc: 126.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



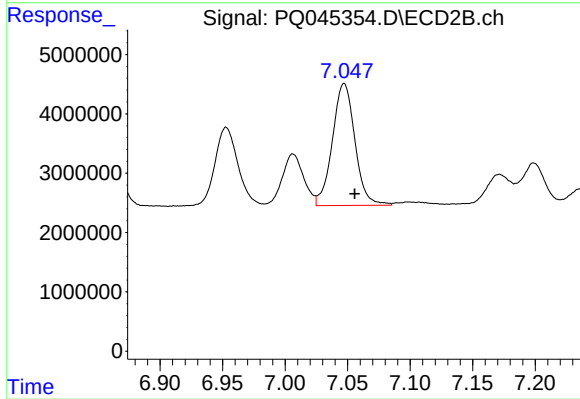
#27 AR-1254-2

R.T.: 6.619 min
Delta R.T.: -0.009 min
Response: 17347992
Conc: 53.86 ng/ml



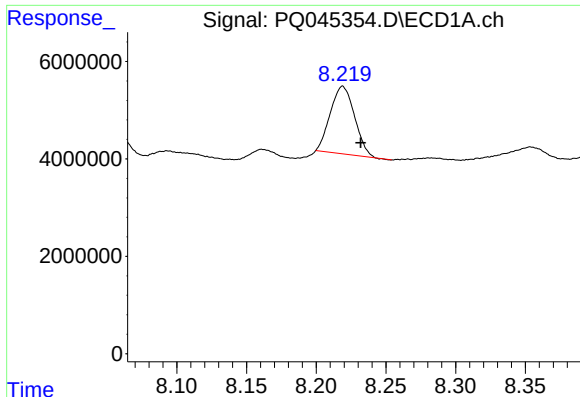
#28 AR-1254-3

R.T.: 7.924 min
Delta R.T.: -0.013 min
Response: 26945015
Conc: 50.62 ng/ml



#28 AR-1254-3

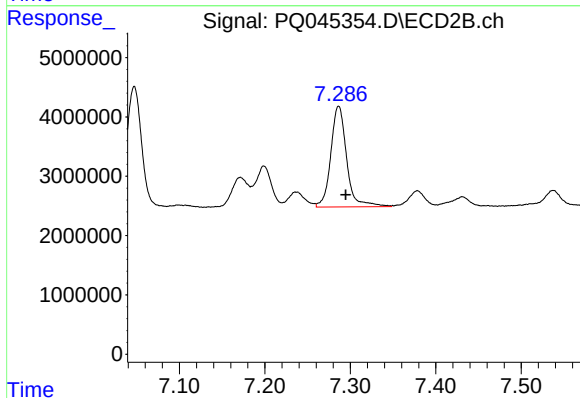
R.T.: 7.047 min
Delta R.T.: -0.008 min
Response: 25818759
Conc: 46.55 ng/ml



#29 AR-1254-4

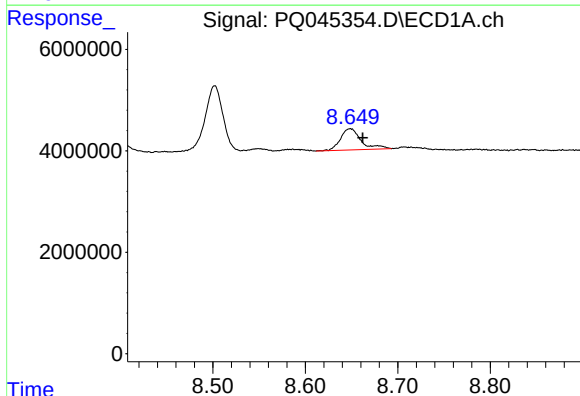
R.T.: 8.219 min
Delta R.T.: -0.013 min
Response: 16781149
Conc: 43.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



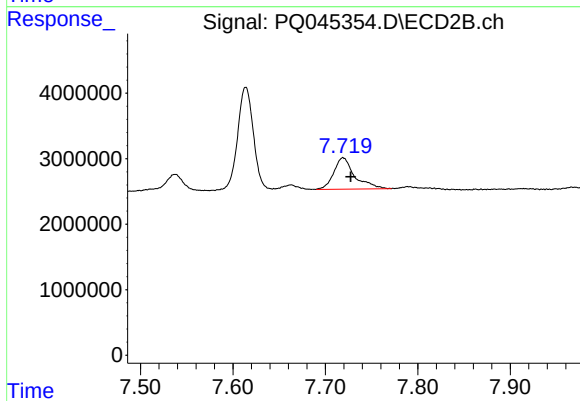
#29 AR-1254-4

R.T.: 7.286 min
Delta R.T.: -0.008 min
Response: 21908005
Conc: 61.29 ng/ml



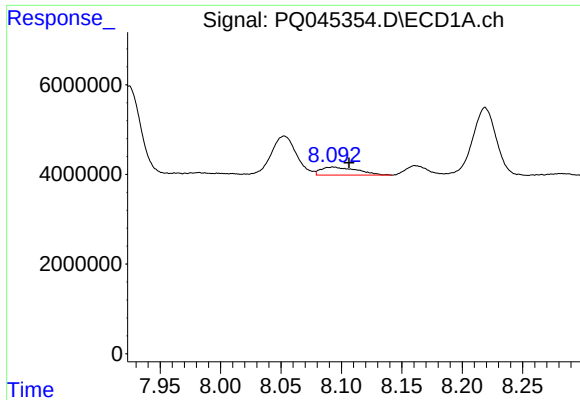
#30 AR-1254-5

R.T.: 8.649 min
Delta R.T.: -0.014 min
Response: 6504087
Conc: 15.06 ng/ml



#30 AR-1254-5

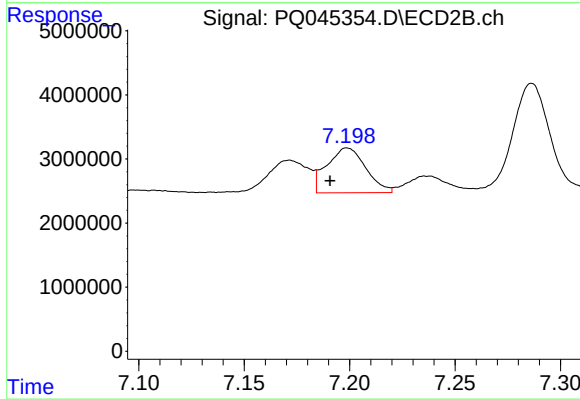
R.T.: 7.719 min
Delta R.T.: -0.008 min
Response: 7615234
Conc: 15.23 ng/ml



#31 AR-1260-1

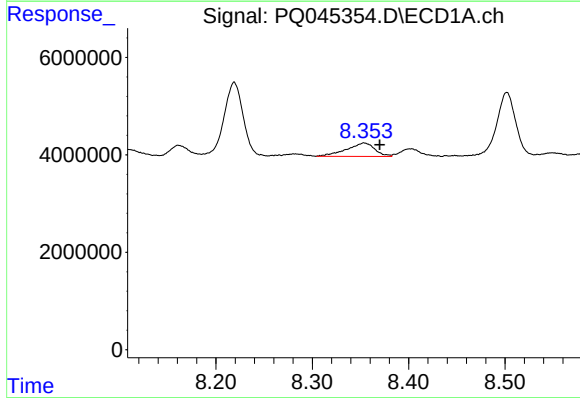
R.T.: 8.093 min
Delta R.T.: -0.013 min
Response: 3729423
Conc: 11.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



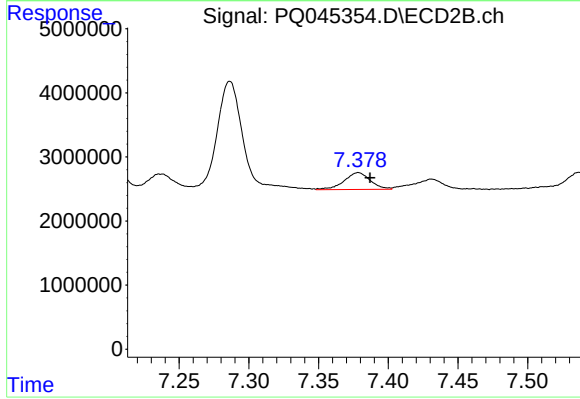
#31 AR-1260-1

R.T.: 7.199 min
Delta R.T.: 0.008 min
Response: 8991491
Conc: 29.35 ng/ml



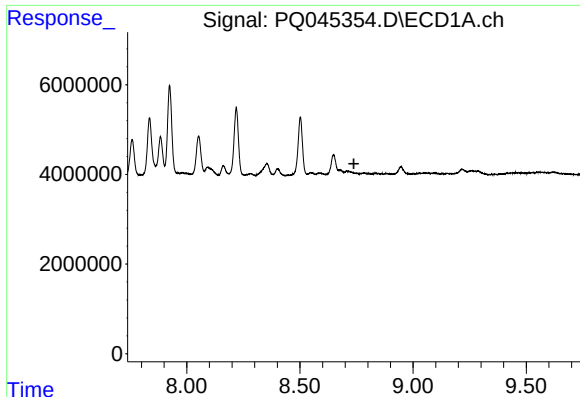
#32 AR-1260-2

R.T.: 8.354 min
Delta R.T.: -0.016 min
Response: 5630141
Conc: 13.75 ng/ml



#32 AR-1260-2

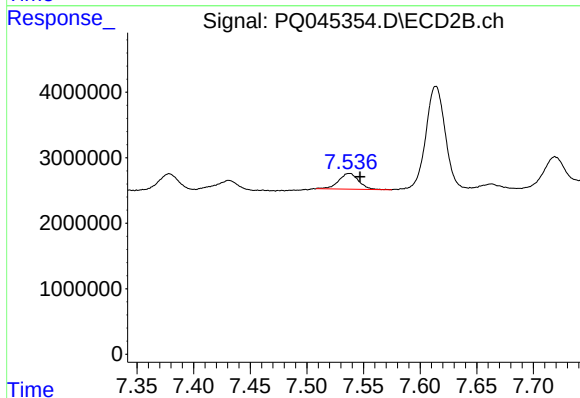
R.T.: 7.378 min
Delta R.T.: -0.008 min
Response: 3463069
Conc: 8.77 ng/ml



#33 AR-1260-3

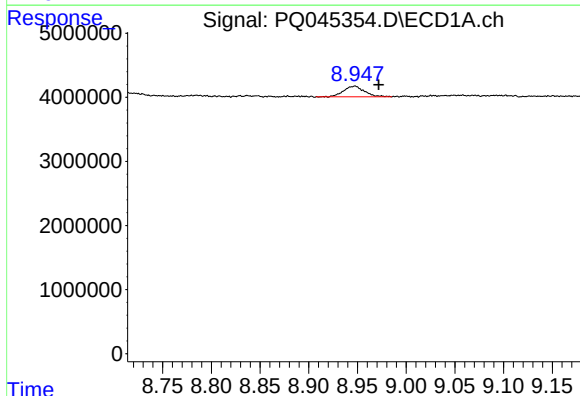
R.T.: 0.000 min
Exp R.T.: 8.739 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



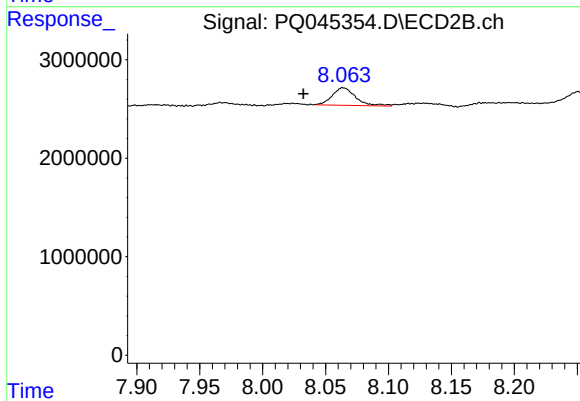
#33 AR-1260-3

R.T.: 7.537 min
Delta R.T.: -0.009 min
Response: 2954801
Conc: 8.62 ng/ml



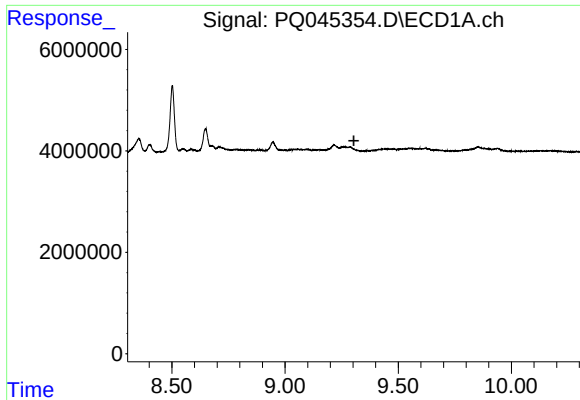
#34 AR-1260-4

R.T.: 8.947 min
Delta R.T.: -0.024 min
Response: 2503630
Conc: 6.58 ng/ml



#34 AR-1260-4

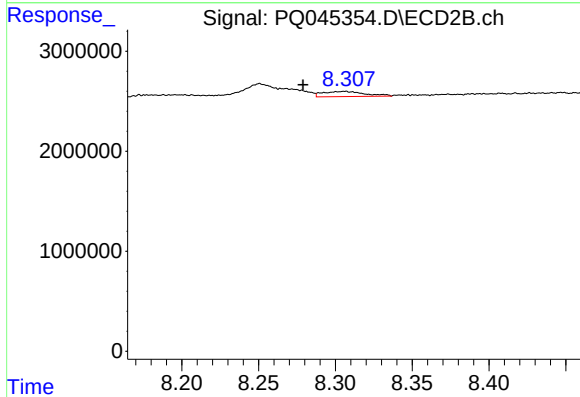
R.T.: 8.064 min
Delta R.T.: 0.032 min
Response: 2324781
Conc: 7.58 ng/ml



#35 AR-1260-5

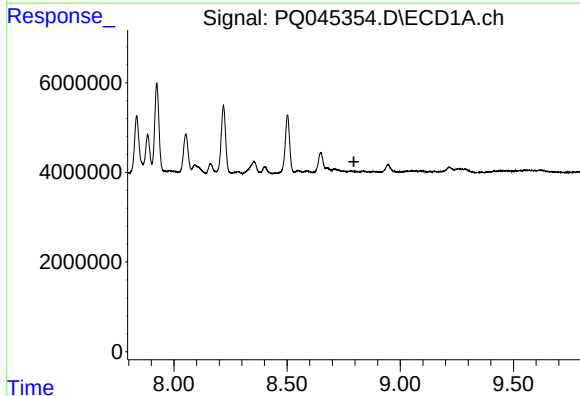
R.T.: 0.000 min
Exp R.T.: 9.304 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



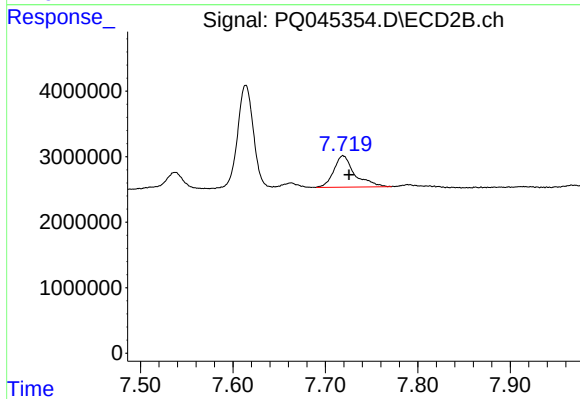
#35 AR-1260-5

R.T.: 8.306 min
Delta R.T.: 0.027 min
Response: 981132
Conc: 1.25 ng/ml



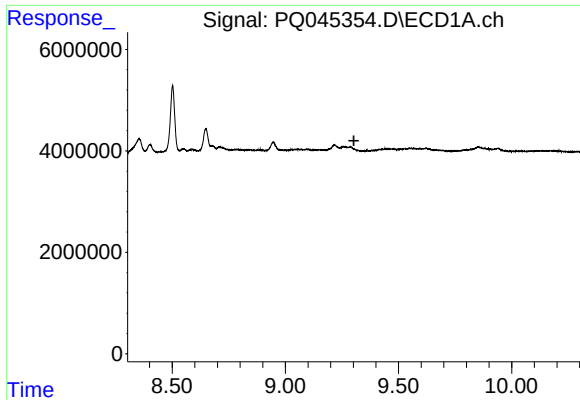
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.795 min
Response: 0
Conc: N.D.



#36 AR-1262-1

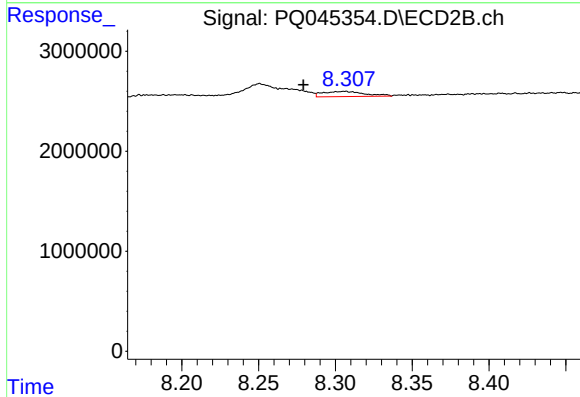
R.T.: 7.719 min
Delta R.T.: -0.007 min
Response: 7615234
Conc: 30.09 ng/ml



#37 AR-1262-2

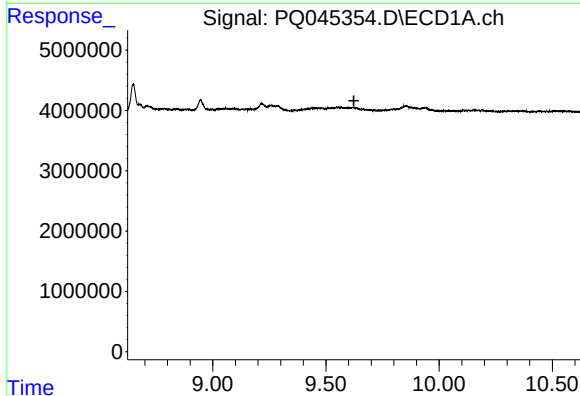
R.T.: 0.000 min
Exp R.T.: 9.303 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



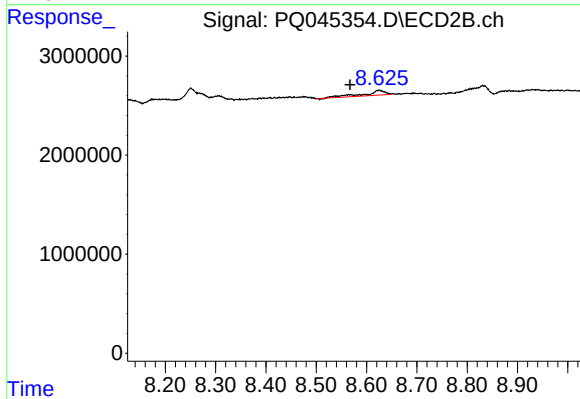
#37 AR-1262-2

R.T.: 8.306 min
Delta R.T.: 0.027 min
Response: 981132
Conc: 0.99 ng/ml



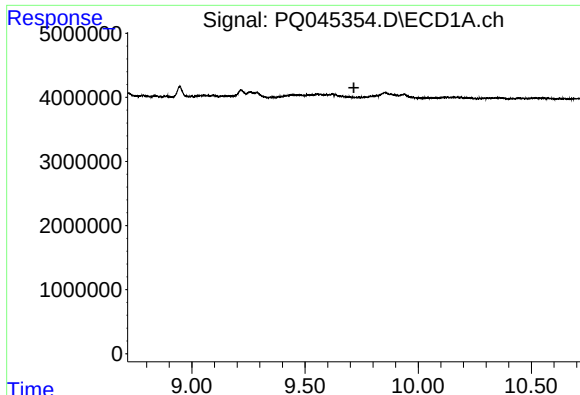
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.623 min
Response: 0
Conc: N.D.



#38 AR-1262-3

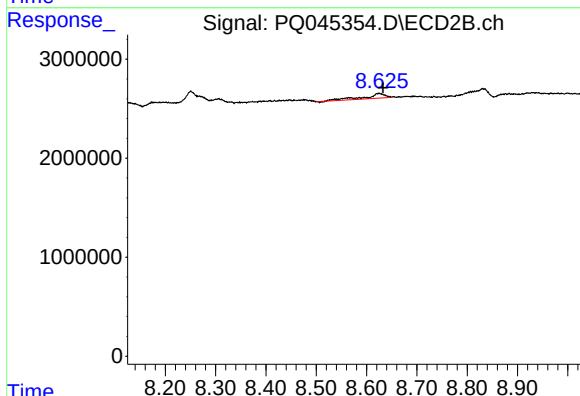
R.T.: 8.625 min
Delta R.T.: 0.058 min
Response: 1377380
Conc: 3.57 ng/ml



#39 AR-1262-4

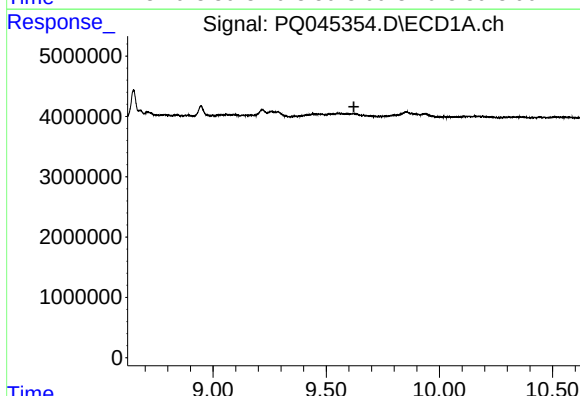
R.T.: 0.000 min
Exp R.T.: 9.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



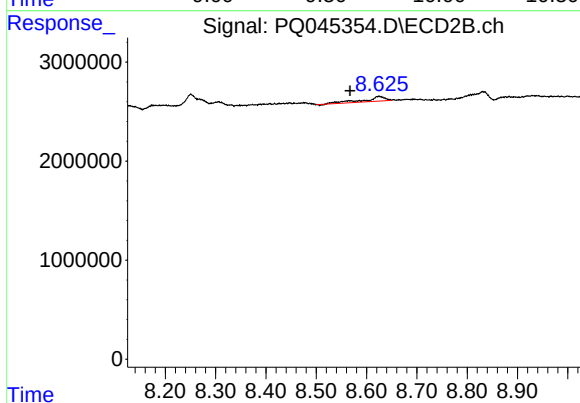
#39 AR-1262-4

R.T.: 8.625 min
Delta R.T.: -0.008 min
Response: 1377380
Conc: 1.87 ng/ml



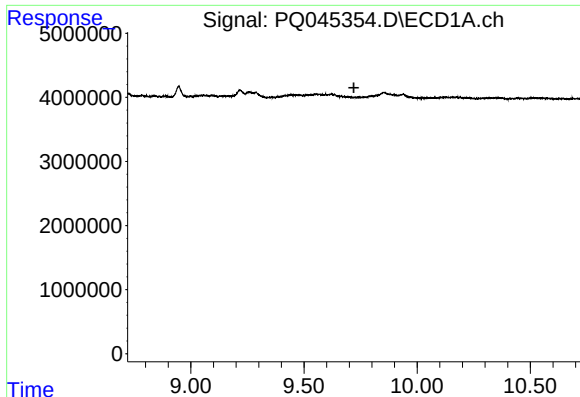
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.622 min
Response: 0
Conc: N.D.



#41 AR-1268-1

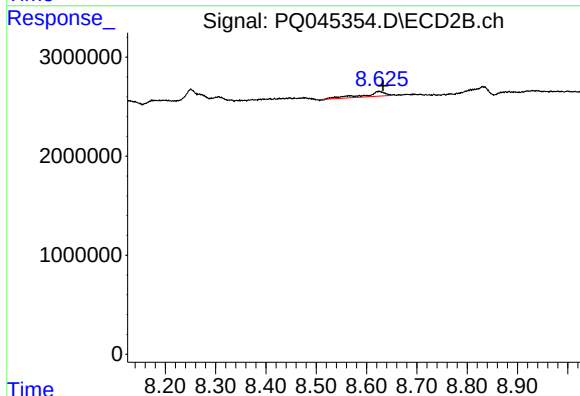
R.T.: 8.625 min
Delta R.T.: 0.058 min
Response: 1377380
Conc: 1.15 ng/ml



#42 AR-1268-2

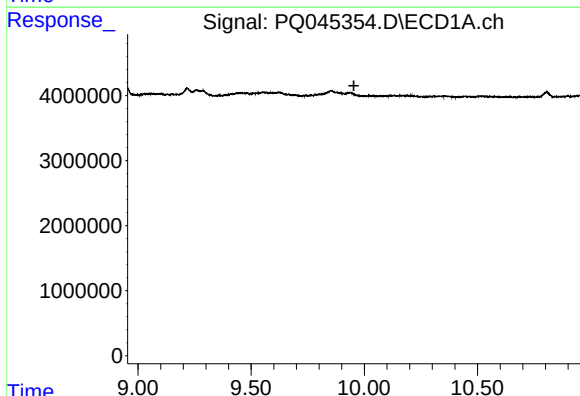
R.T.: 0.000 min
Exp R.T.: 9.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



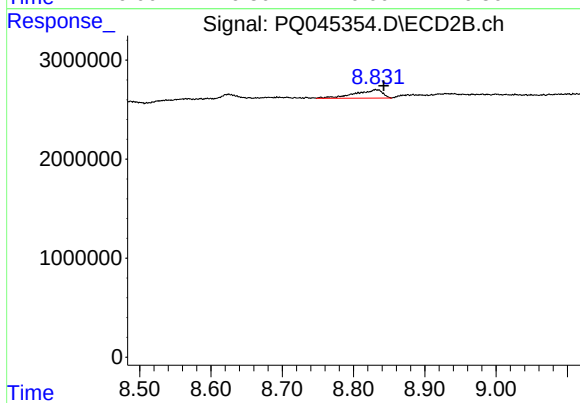
#42 AR-1268-2

R.T.: 8.625 min
Delta R.T.: -0.008 min
Response: 1377380
Conc: 1.24 ng/ml



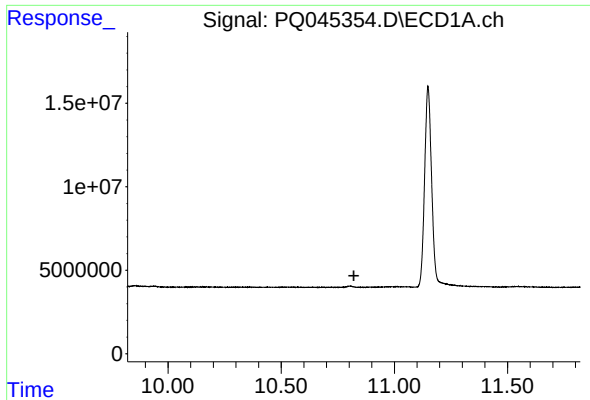
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.954 min
Response: 0
Conc: N.D.



#43 AR-1268-3

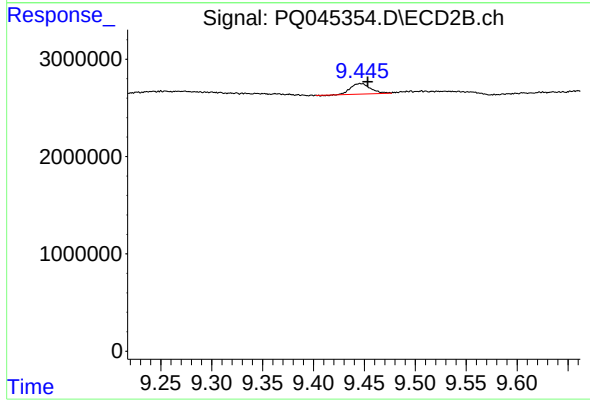
R.T.: 8.831 min
Delta R.T.: -0.011 min
Response: 2285509
Conc: 2.46 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.446 min
Delta R.T.: -0.007 min
Response: 1469296
Conc: 0.49 ng/ml