

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111819\
 Data File : PQ045145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2019 03:06
 Operator : SM\AJ
 Sample : K5809-22
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFPW3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 00:45:46 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							
2)	SA Decachlor...	11.215	9.712	204.7E6	7016504	29.551	1.034 #
Target Compounds							
3)	L1 AR-1016-1	0.000	5.631	0	18405.4E6	N.D.	99931.819 #
4)	L1 AR-1016-2	0.000	5.631	0	18405.4E6	N.D.	69655.750 #
5)	L1 AR-1016-3	0.000	5.827	0	3511.5E6	N.D.	27209.395 #
6)	L1 AR-1016-4	0.000	5.882	0	1678.2E6	N.D.	15455.012 #
8)	L2 AR-1221-1	0.000	4.580	0	2414.1E6	N.D.	45005.910 #
9)	L2 AR-1221-2	5.454	4.693	-450167579	4234.1E6	N.D.	107244.878 #
10)	L2 AR-1221-3	5.537	4.774	3379.4E6	5782.8E6	17220.285	44240.213 #
11)	L3 AR-1232-1	5.537	4.774	3379.4E6	5782.8E6	19385.826	50136.916 #
12)	L3 AR-1232-2	6.139	5.631	5595.6E6	18405.4E6	62390.010	147982.776 #
13)	L3 AR-1232-3	0.000	5.827	0	3511.5E6	N.D.	59296.360 #
14)	L3 AR-1232-4	0.000	5.882	0	1678.2E6	N.D.	27917.603 #
16)	L4 AR-1242-1	0.000	5.631	0	18405.4E6	N.D.	117391.467 #
17)	L4 AR-1242-2	0.000	5.631	0	18405.4E6	N.D.	82260.698 #
18)	L4 AR-1242-3	0.000	5.827	0	3511.5E6	N.D.	31593.904 #
19)	L4 AR-1242-4	0.000	5.882	0	1678.2E6	N.D.	14073.949 #
20)	L4 AR-1242-5	7.407	0.000	14814.2E6	0	81862.221	N.D. #
21)	L5 AR-1248-1	0.000	5.631	0	18405.4E6	N.D.	147892.407 #
22)	L5 AR-1248-2	0.000	5.827	0	3511.5E6	N.D.	20628.202 #
23)	L5 AR-1248-3	0.000	5.882	0	1678.2E6	N.D.	9383.973 #
24)	L5 AR-1248-4	7.366	0.000	15444.3E6	0	50993.723	N.D. #
25)	L5 AR-1248-5	7.407	0.000	14814.2E6	0	51789.004	N.D. #
26)	L6 AR-1254-1	7.334	0.000	18723.7E6	0	57868.462	N.D. #
27)	L6 AR-1254-2	7.570	0.000	26710.8E6	0	53798.101	N.D. #
28)	L6 AR-1254-3	7.948	7.057	17991.3E6	5653.0E6	33801.686	10191.248 #
29)	L6 AR-1254-4	8.246	7.279	10943.4E6	1271.4E6	28329.541	3557.192 #
30)	L6 AR-1254-5	8.678	7.707	34607.5E6	6547.9E6	80113.206	13095.209 #
31)	L7 AR-1260-1	8.116	7.221	23215.0E6	23601.8E6	74329.789	77036.133
32)	L7 AR-1260-2	8.387	7.360	26959.9E6	5389.1E6	65846.305	13648.242 #
33)	L7 AR-1260-3	8.754	7.578	15409.9E6	23253.7E6	47200.112	67876.529 #
34)	L7 AR-1260-4	8.987	8.003	24851.9E6	3958.0E6	65353.582	12906.809 #
35)	L7 AR-1260-5	9.332	8.249	37059.8E6	3634.7E6	48142.273	4644.260 #
36)	L8 AR-1262-1	8.815	7.707	9682.2E6	6547.9E6	46416.921	25871.467 #
37)	L8 AR-1262-2	9.332	8.249	37059.8E6	3634.7E6	41031.954	3683.626 #
38)	L8 AR-1262-3	9.670	8.537	25683.5E6	40493581	42112.812	105.093 #
39)	L8 AR-1262-4	9.728	8.612	14035.0E6	6914.7E6	30892.093	9385.968 #
40)	L8 AR-1262-5	10.360	9.154	16330087	132.9E6	53.384	381.740 #
41)	L9 AR-1268-1	9.670	8.537	25683.5E6	40493581	22999.175	33.675 #
42)	L9 AR-1268-2	9.728	8.612	14035.0E6	6914.7E6	13806.896	6209.402 #
43)	L9 AR-1268-3	9.945	8.834	167.6E6	73759638	191.691	79.291 #
44)	L9 AR-1268-4	10.360	9.154	16330087	132.9E6	47.039	329.995 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111819\
 Data File : PQ045145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2019 03:06
 Operator : SM\AJ
 Sample : K5809-22
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

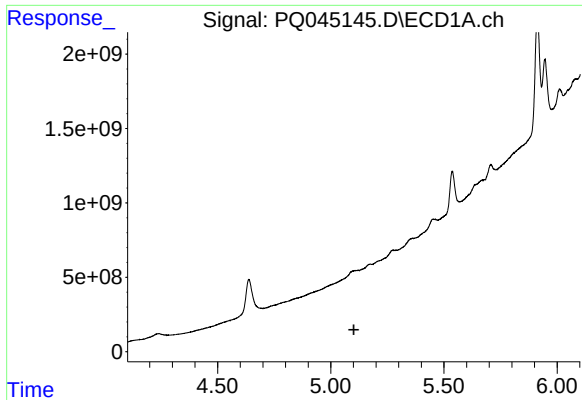
Instrument :
 ECD_Q
 ClientSampleId :
 BFPW3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 00:45:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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
45) L9	AR-1268-5	10.868	9.458	1374.2E6	28453090	526.776	9.415 #

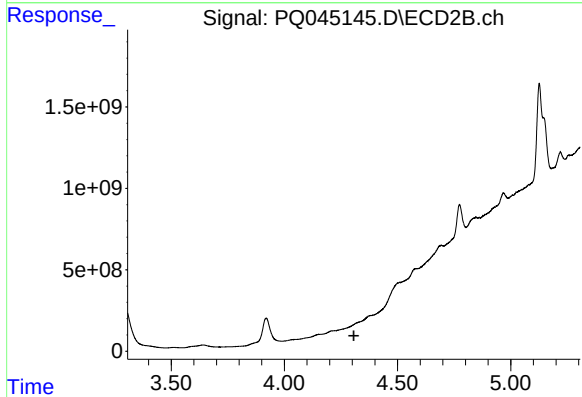
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

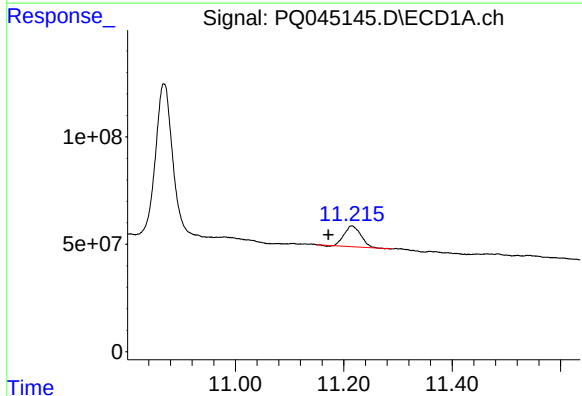
R.T.: 0.000 min
Exp R.T.: 5.102 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFPW3



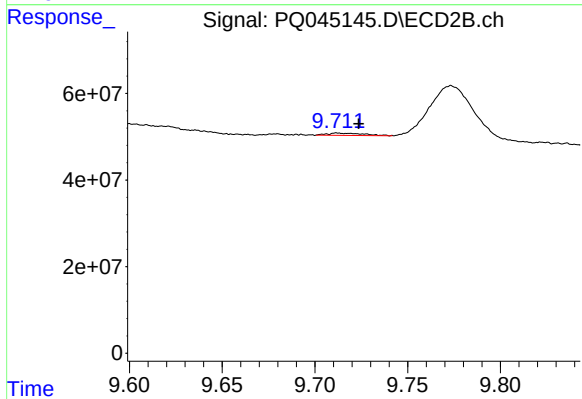
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 4.307 min
Response: 0
Conc: N.D.



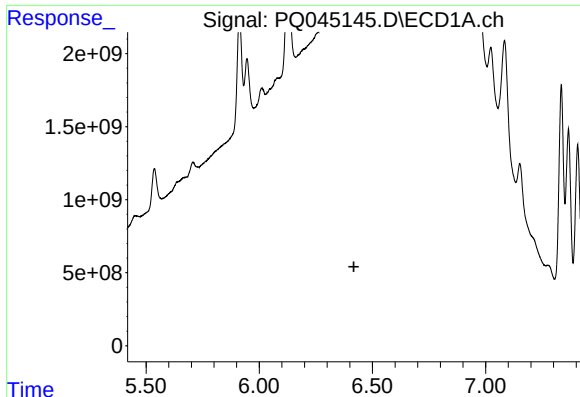
#2 Decachlorobiphenyl

R.T.: 11.215 min
Delta R.T.: 0.043 min
Response: 204670334
Conc: 29.55 ng/ml



#2 Decachlorobiphenyl

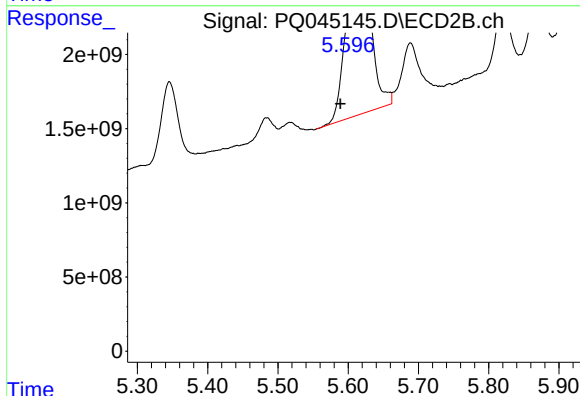
R.T.: 9.712 min
Delta R.T.: -0.011 min
Response: 7016504
Conc: 1.03 ng/ml



#3 AR-1016-1

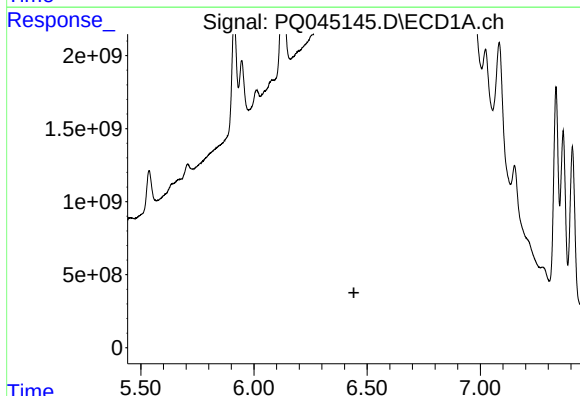
R.T.: 0.000 min
Exp R.T.: 6.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFPW3



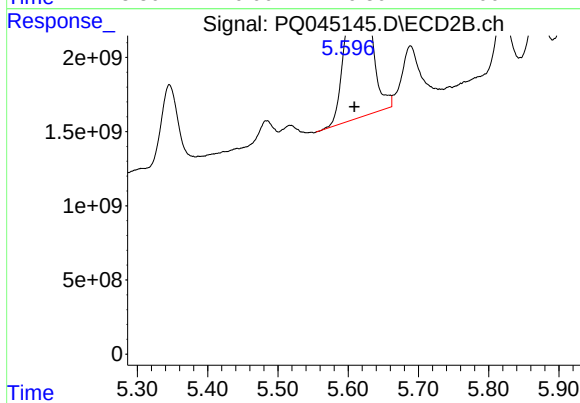
#3 AR-1016-1

R.T.: 5.631 min
Delta R.T.: 0.042 min
Response: 18405426019
Conc: 99931.82 ng/ml



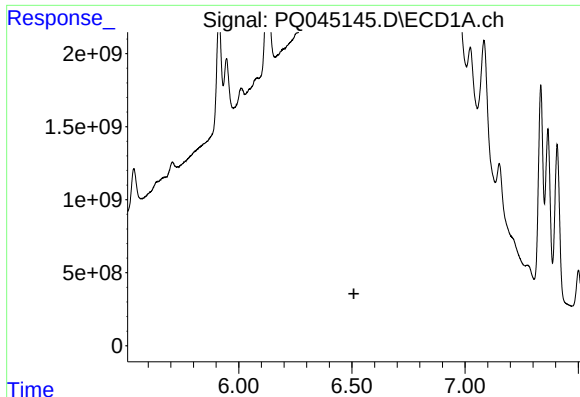
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.442 min
Response: 0
Conc: N.D.



#4 AR-1016-2

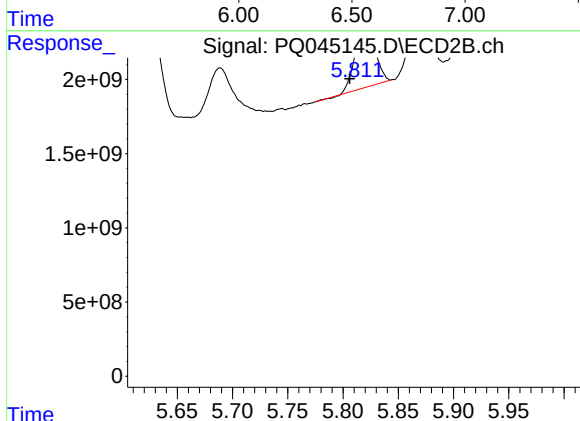
R.T.: 5.631 min
Delta R.T.: 0.022 min
Response: 18405426019
Conc: 69655.75 ng/ml



#5 AR-1016-3

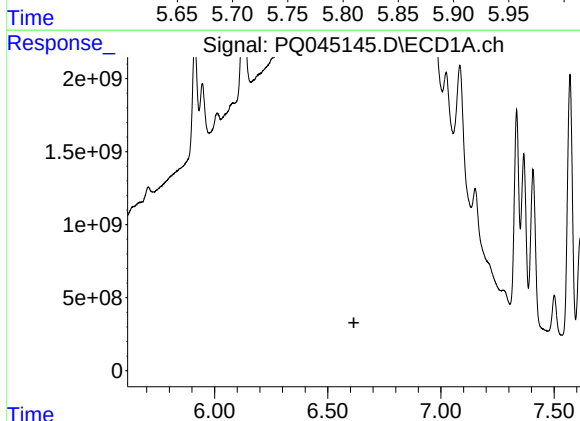
R.T.: 0.000 min
Exp R.T.: 6.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFPW3



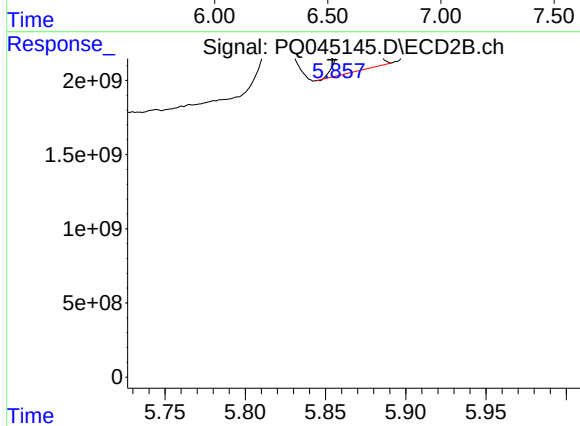
#5 AR-1016-3

R.T.: 5.827 min
Delta R.T.: 0.020 min
Response: 3511517363
Conc: 27209.40 ng/ml



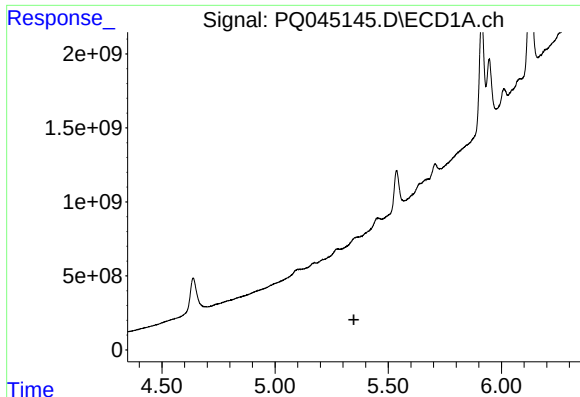
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.615 min
Response: 0
Conc: N.D.



#6 AR-1016-4

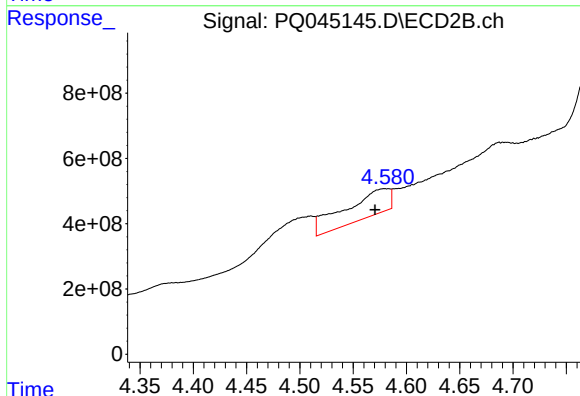
R.T.: 5.882 min
Delta R.T.: 0.027 min
Response: 1678246856
Conc: 15455.01 ng/ml



#8 AR-1221-1

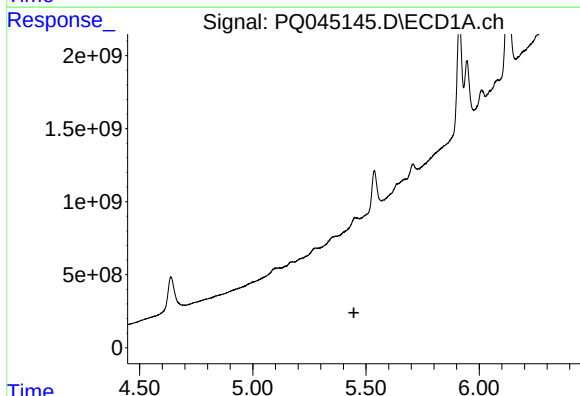
R.T.: 0.000 min
Exp R.T.: 5.348 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFPW3



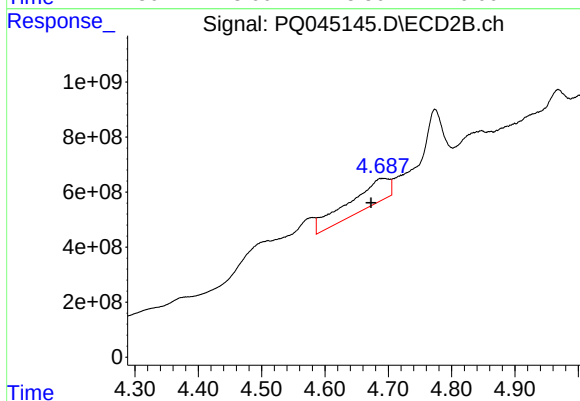
#8 AR-1221-1

R.T.: 4.580 min
Delta R.T.: 0.010 min
Response: 2414068041
Conc: 45005.91 ng/ml



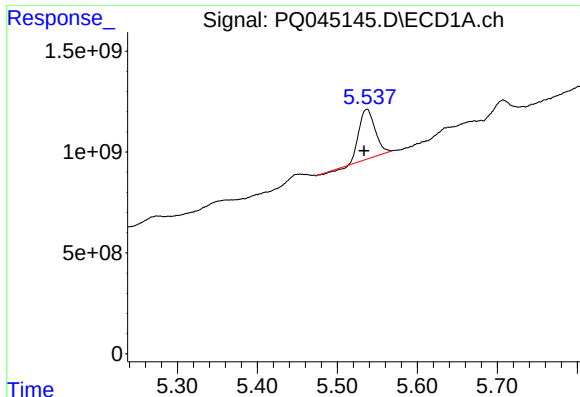
#9 AR-1221-2

R.T.: 5.454 min
Delta R.T.: 0.008 min
Response: -450167579
Conc: N.D.



#9 AR-1221-2

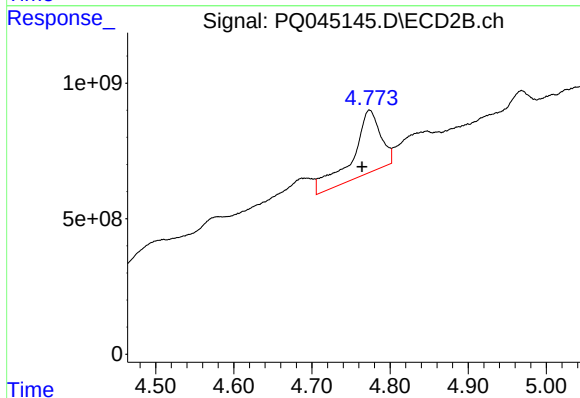
R.T.: 4.693 min
Delta R.T.: 0.020 min
Response: 4234057221
Conc: 107244.88 ng/ml



#10 AR-1221-3

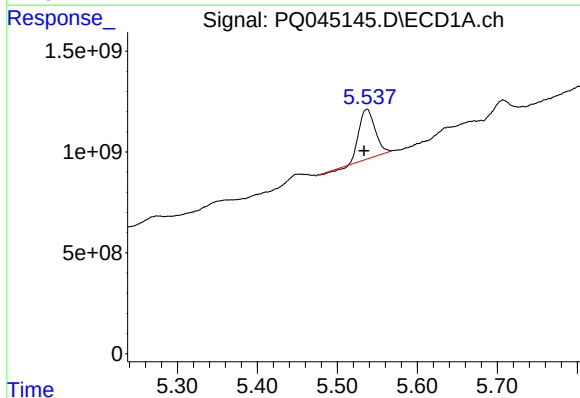
R.T.: 5.537 min
Delta R.T.: 0.004 min
Response: 3379434127
Conc: 17220.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW3



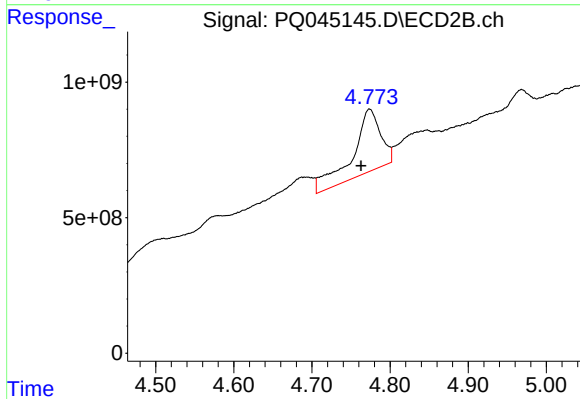
#10 AR-1221-3

R.T.: 4.774 min
Delta R.T.: 0.010 min
Response: 5782824291
Conc: 44240.21 ng/ml



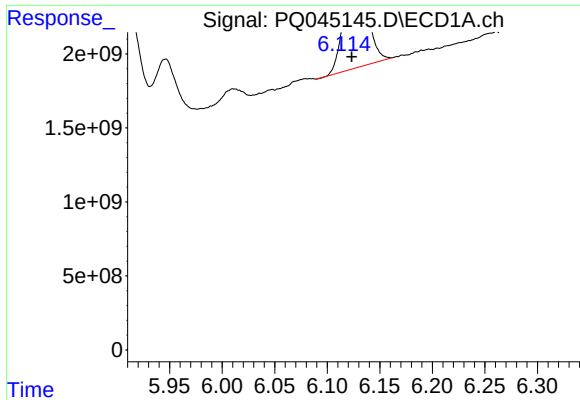
#11 AR-1232-1

R.T.: 5.537 min
Delta R.T.: 0.004 min
Response: 3379434127
Conc: 19385.83 ng/ml



#11 AR-1232-1

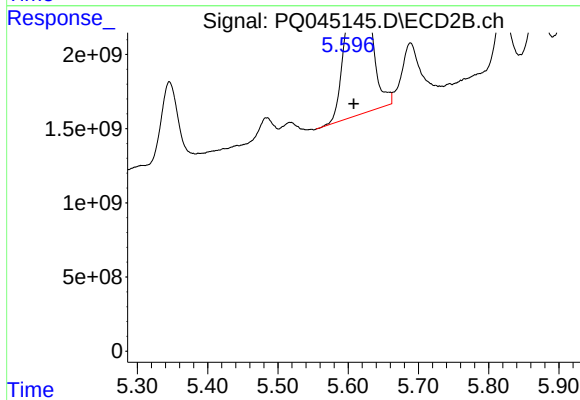
R.T.: 4.774 min
Delta R.T.: 0.011 min
Response: 5782824291
Conc: 50136.92 ng/ml



#12 AR-1232-2

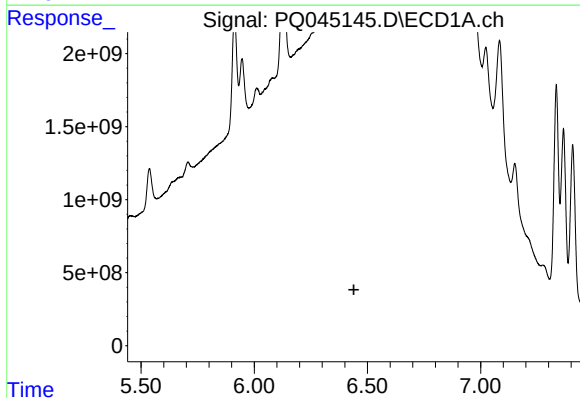
R.T.: 6.139 min
Delta R.T.: 0.016 min
Response: 5595582696
Conc: 62390.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW3



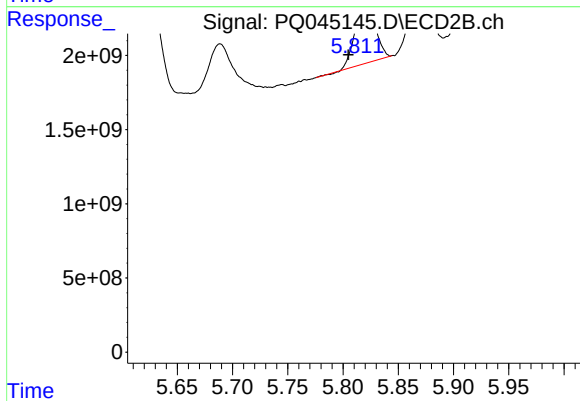
#12 AR-1232-2

R.T.: 5.631 min
Delta R.T.: 0.023 min
Response: 18405426019
Conc: 147982.78 ng/ml



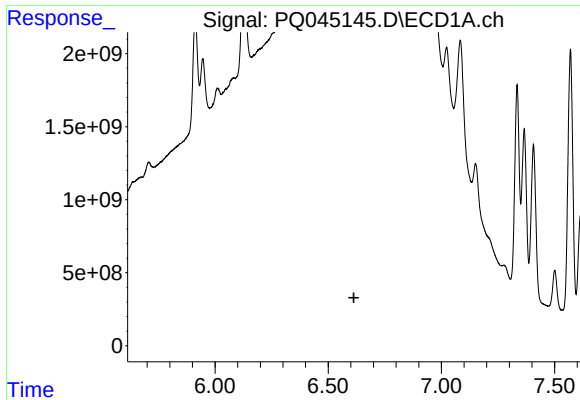
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.440 min
Response: 0
Conc: N.D.



#13 AR-1232-3

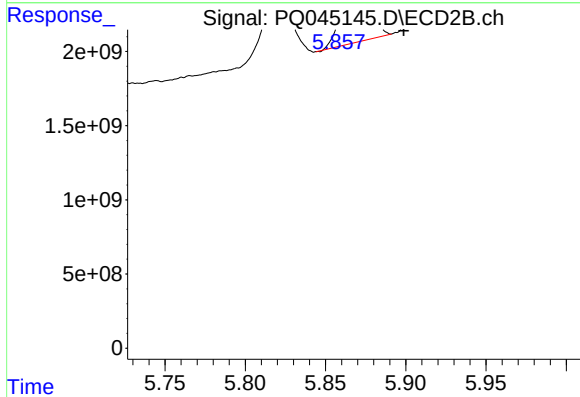
R.T.: 5.827 min
Delta R.T.: 0.022 min
Response: 3511517363
Conc: 59296.36 ng/ml



#14 AR-1232-4

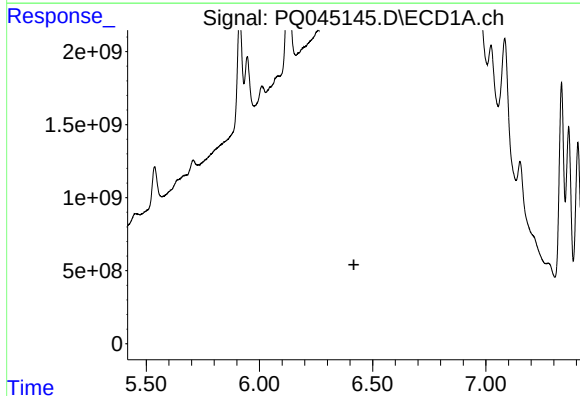
R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFPW3



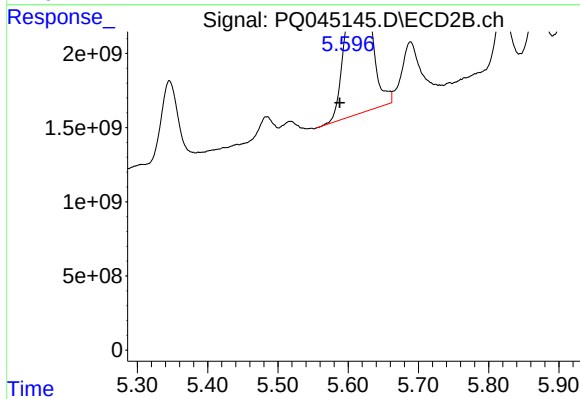
#14 AR-1232-4

R.T.: 5.882 min
Delta R.T.: -0.017 min
Response: 1678246856
Conc: 27917.60 ng/ml



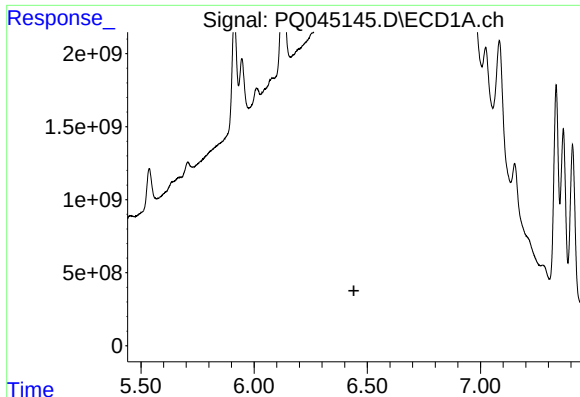
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 6.417 min
Response: 0
Conc: N.D.



#16 AR-1242-1

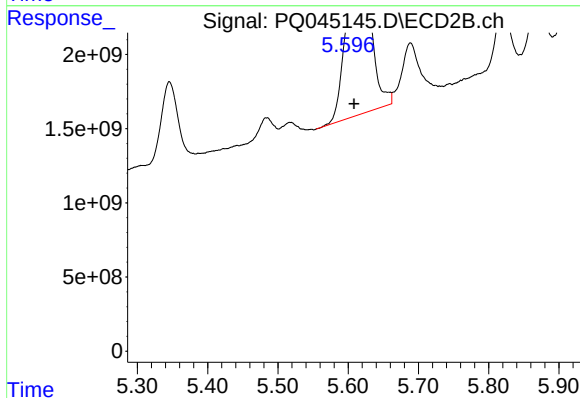
R.T.: 5.631 min
Delta R.T.: 0.043 min
Response: 18405426019
Conc: 117391.47 ng/ml



#17 AR-1242-2

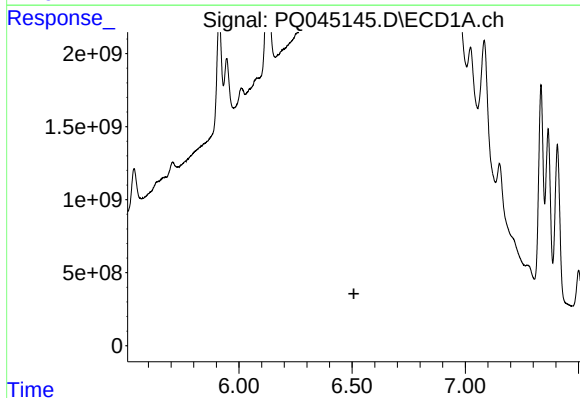
R.T.: 0.000 min
Exp R.T.: 6.441 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFPW3



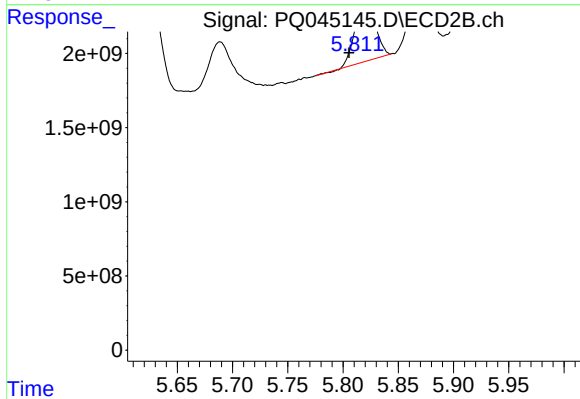
#17 AR-1242-2

R.T.: 5.631 min
Delta R.T.: 0.022 min
Response: 18405426019
Conc: 82260.70 ng/ml



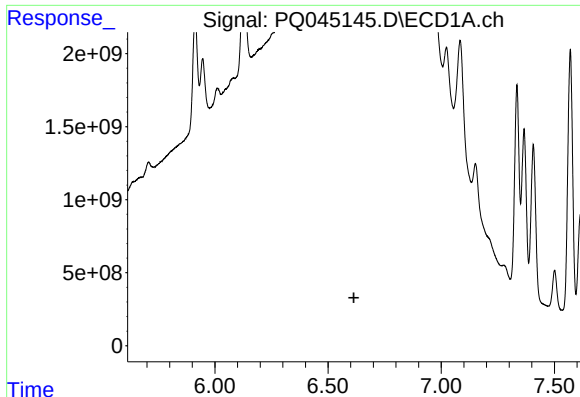
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.508 min
Response: 0
Conc: N.D.



#18 AR-1242-3

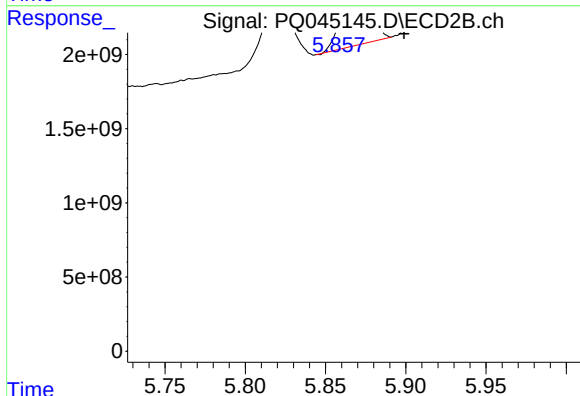
R.T.: 5.827 min
Delta R.T.: 0.021 min
Response: 3511517363
Conc: 31593.90 ng/ml



#19 AR-1242-4

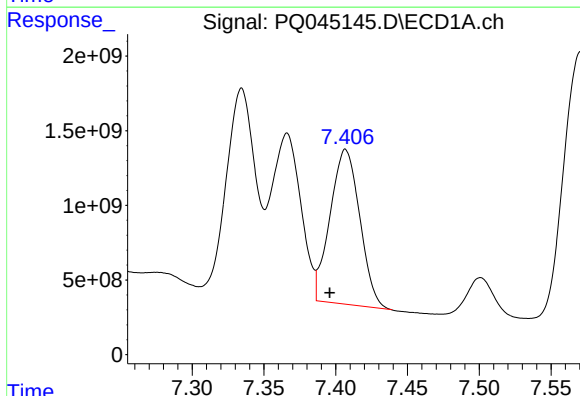
R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFPW3



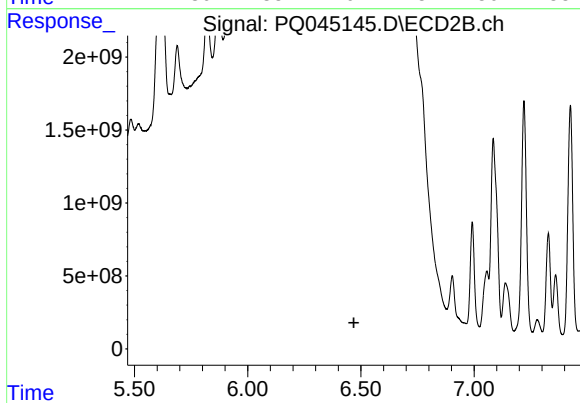
#19 AR-1242-4

R.T.: 5.882 min
Delta R.T.: -0.017 min
Response: 1678246856
Conc: 14073.95 ng/ml



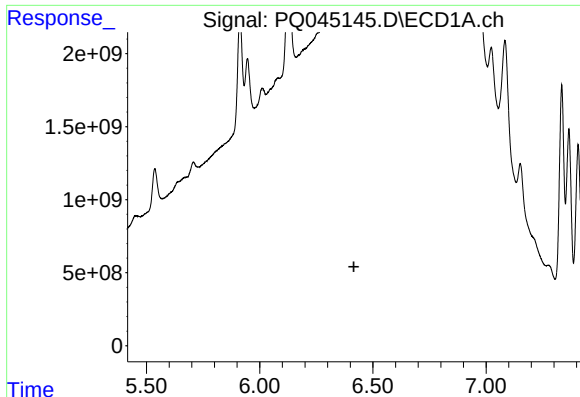
#20 AR-1242-5

R.T.: 7.407 min
Delta R.T.: 0.011 min
Response: 14814153723
Conc: 81862.22 ng/ml



#20 AR-1242-5

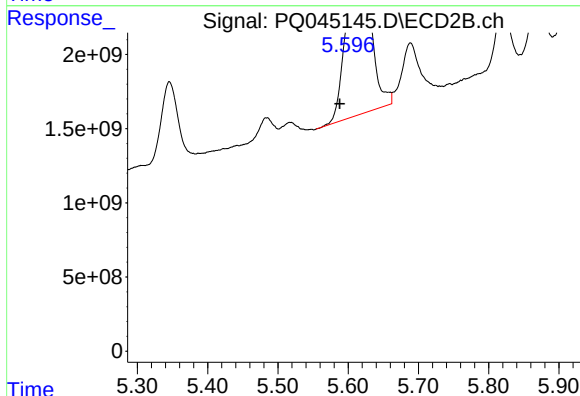
R.T.: 0.000 min
Exp R.T.: 6.469 min
Response: 0
Conc: N.D.



#21 AR-1248-1

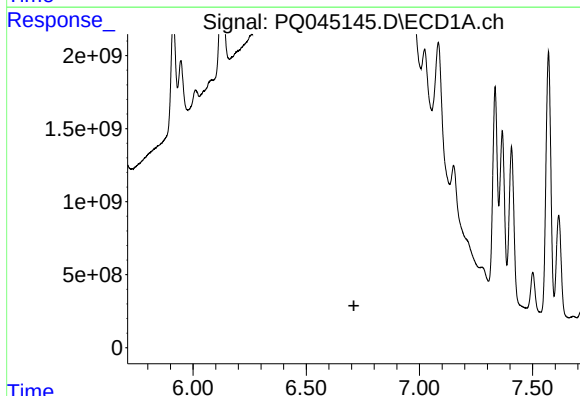
R.T.: 0.000 min
Exp R.T.: 6.416 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFPW3



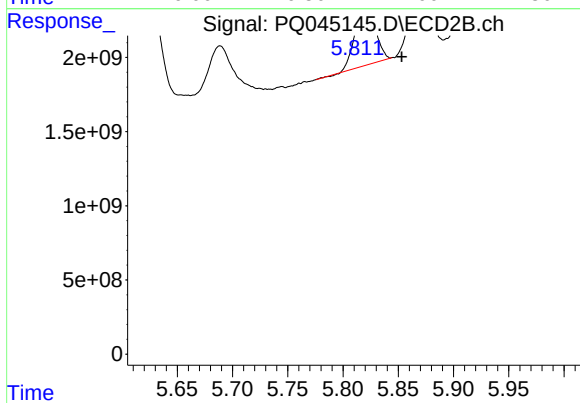
#21 AR-1248-1

R.T.: 5.631 min
Delta R.T.: 0.043 min
Response: 18405426019
Conc: 147892.41 ng/ml



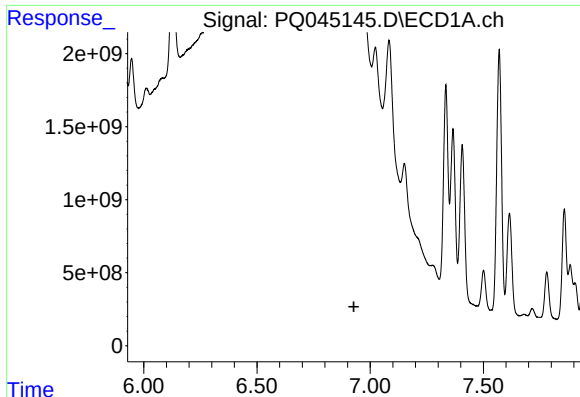
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.711 min
Response: 0
Conc: N.D.



#22 AR-1248-2

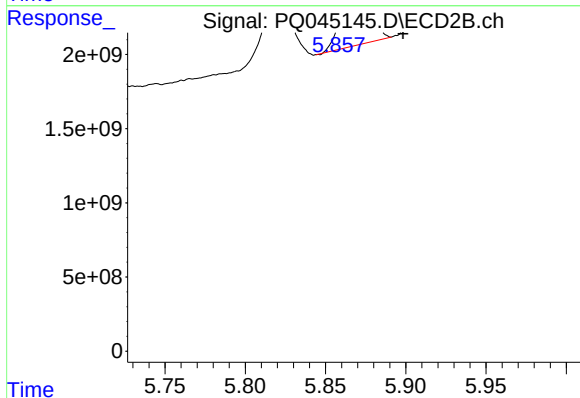
R.T.: 5.827 min
Delta R.T.: -0.027 min
Response: 3511517363
Conc: 20628.20 ng/ml



#23 AR-1248-3

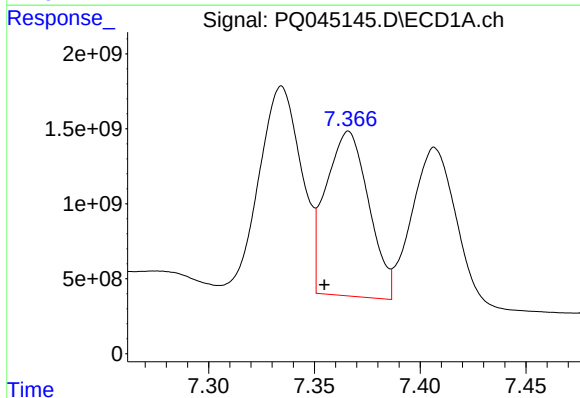
R.T.: 0.000 min
Exp R.T.: 6.928 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFPW3



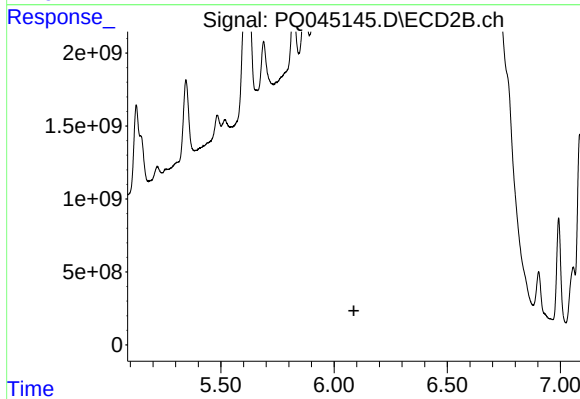
#23 AR-1248-3

R.T.: 5.882 min
Delta R.T.: -0.017 min
Response: 1678246856
Conc: 9383.97 ng/ml



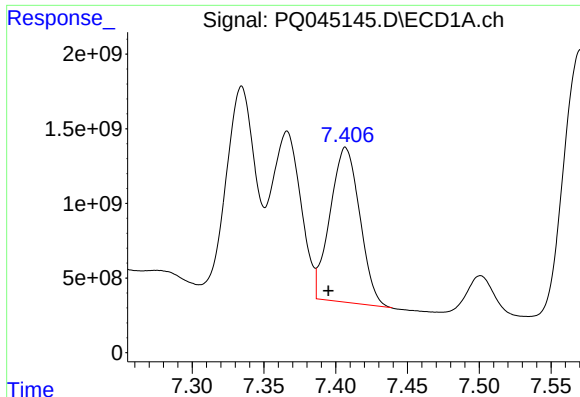
#24 AR-1248-4

R.T.: 7.366 min
Delta R.T.: 0.011 min
Response: 15444309575
Conc: 50993.72 ng/ml



#24 AR-1248-4

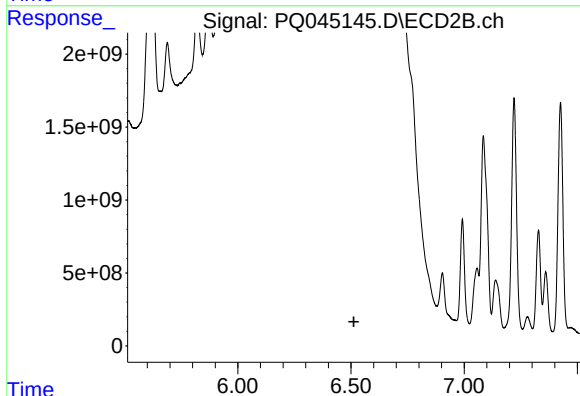
R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.



#25 AR-1248-5

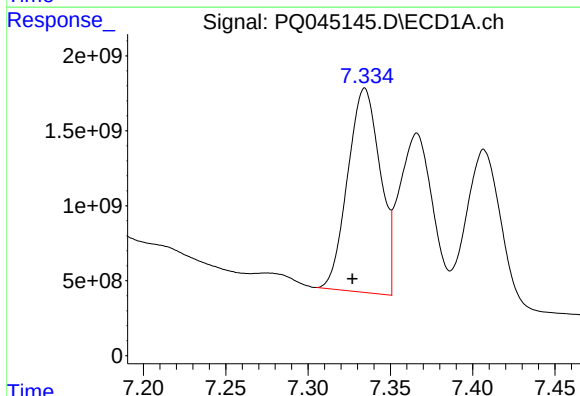
R.T.: 7.407 min
Delta R.T.: 0.012 min
Response: 14814153723
Conc: 51789.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW3



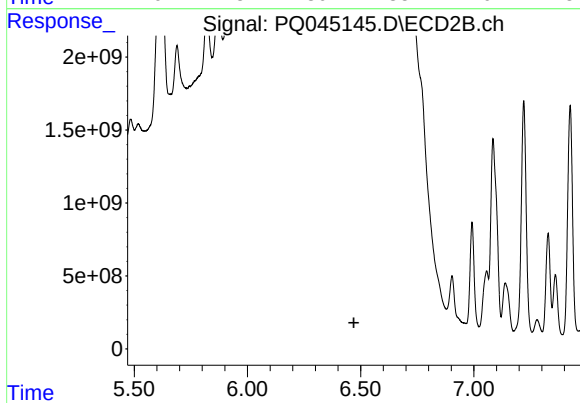
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.513 min
Response: 0
Conc: N.D.



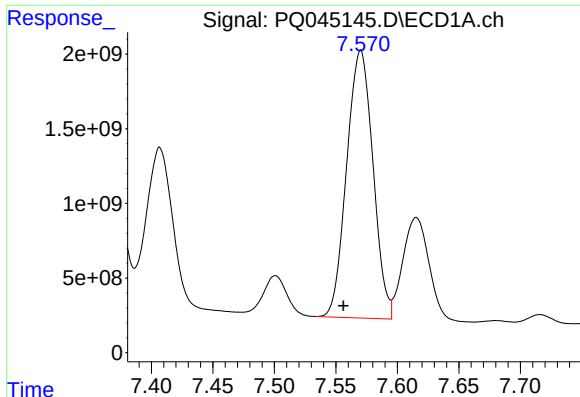
#26 AR-1254-1

R.T.: 7.334 min
Delta R.T.: 0.007 min
Response: 18723727310
Conc: 57868.46 ng/ml



#26 AR-1254-1

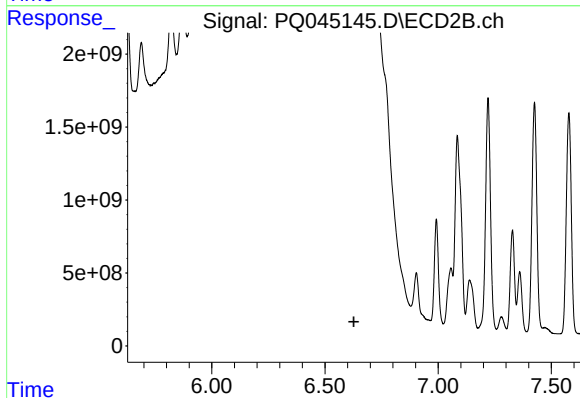
R.T.: 0.000 min
Exp R.T. : 6.470 min
Response: 0
Conc: N.D.



#27 AR-1254-2

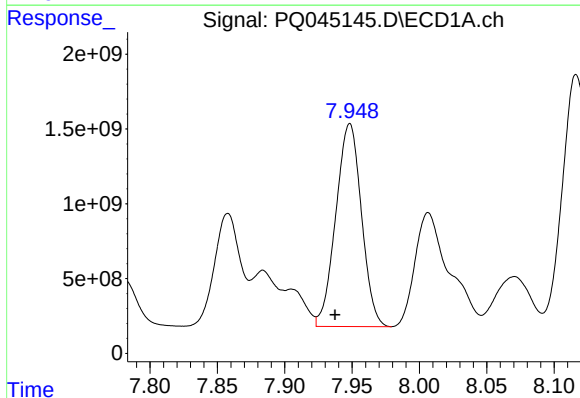
R.T.: 7.570 min
Delta R.T.: 0.014 min
Response: 26710837100
Conc: 53798.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW3



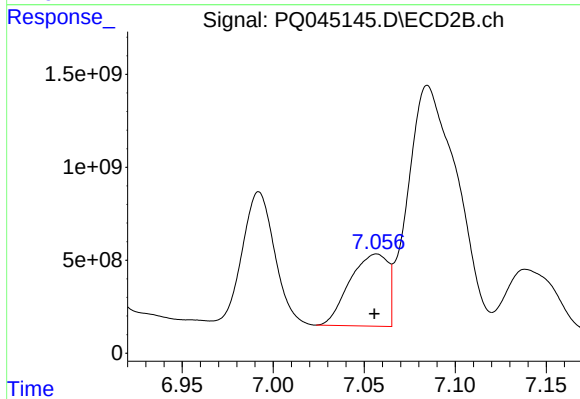
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.628 min
Response: 0
Conc: N.D.



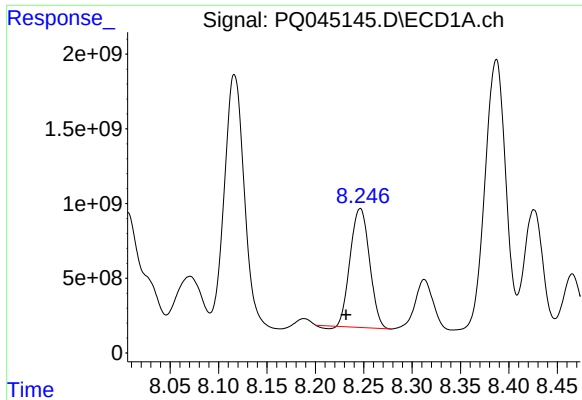
#28 AR-1254-3

R.T.: 7.948 min
Delta R.T.: 0.011 min
Response: 17991280000
Conc: 33801.69 ng/ml



#28 AR-1254-3

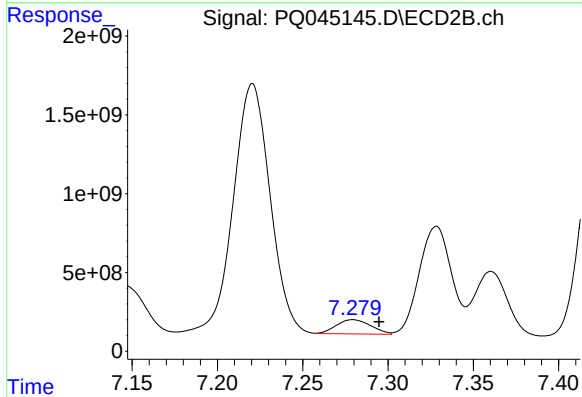
R.T.: 7.057 min
Delta R.T.: 0.001 min
Response: 5653024293
Conc: 10191.25 ng/ml



#29 AR-1254-4

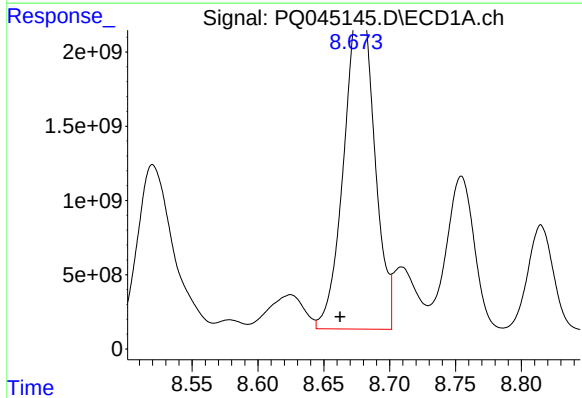
R.T.: 8.246 min
Delta R.T.: 0.015 min
Response: 10943445001
Conc: 28329.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW3



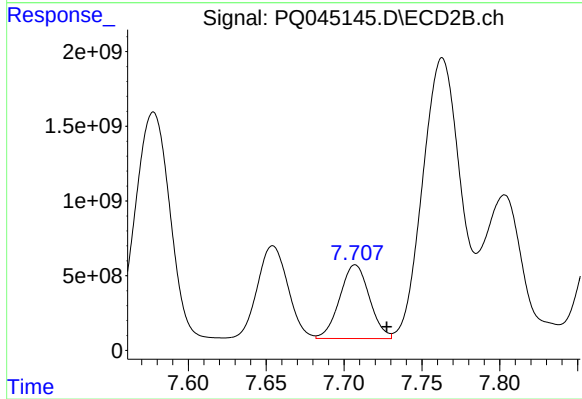
#29 AR-1254-4

R.T.: 7.279 min
Delta R.T.: -0.015 min
Response: 1271425024
Conc: 3557.19 ng/ml



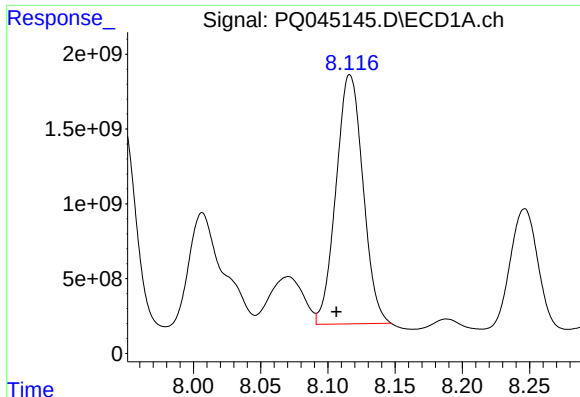
#30 AR-1254-5

R.T.: 8.678 min
Delta R.T.: 0.016 min
Response: 34607462463
Conc: 80113.21 ng/ml



#30 AR-1254-5

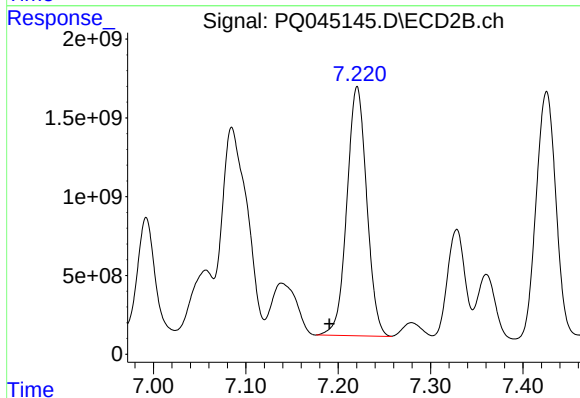
R.T.: 7.707 min
Delta R.T.: -0.020 min
Response: 6547903110
Conc: 13095.21 ng/ml



#31 AR-1260-1

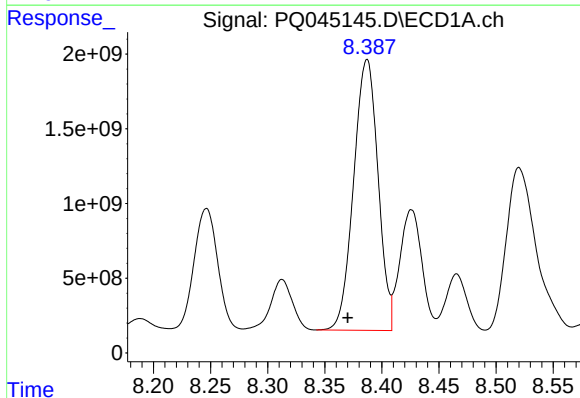
R.T.: 8.116 min
Delta R.T.: 0.010 min
Response: 23215026775
Conc: 74329.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW3



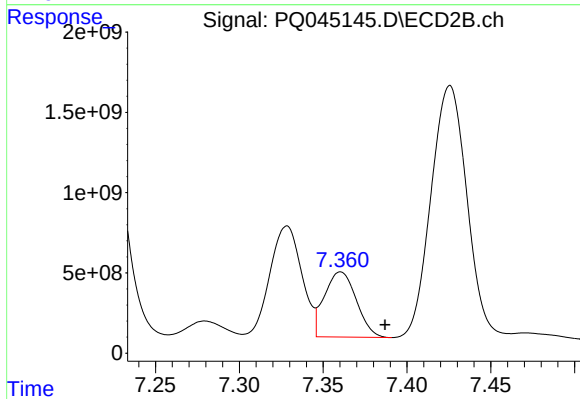
#31 AR-1260-1

R.T.: 7.221 min
Delta R.T.: 0.030 min
Response: 23601781804
Conc: 77036.13 ng/ml



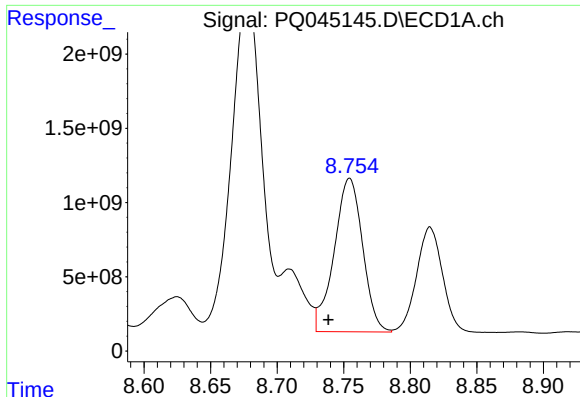
#32 AR-1260-2

R.T.: 8.387 min
Delta R.T.: 0.017 min
Response: 26959915256
Conc: 65846.31 ng/ml



#32 AR-1260-2

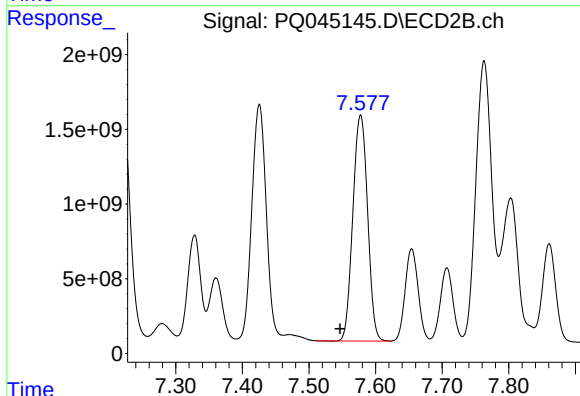
R.T.: 7.360 min
Delta R.T.: -0.026 min
Response: 5389079059
Conc: 13648.24 ng/ml



#33 AR-1260-3

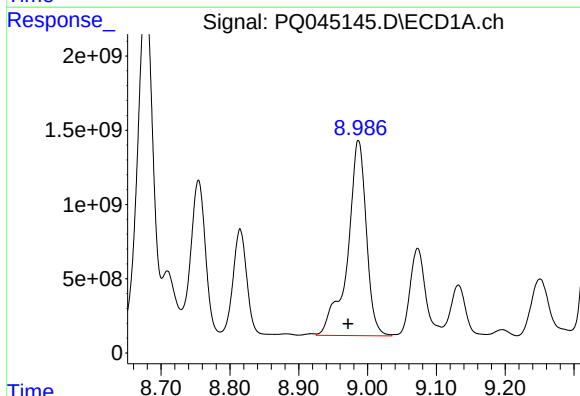
R.T.: 8.754 min
Delta R.T.: 0.016 min
Response: 15409894572
Conc: 47200.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW3



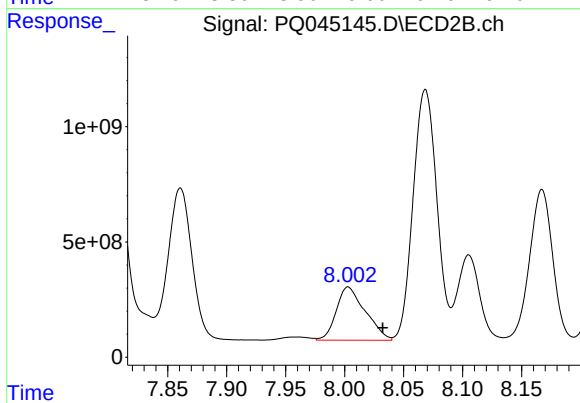
#33 AR-1260-3

R.T.: 7.578 min
Delta R.T.: 0.031 min
Response: 23253696301
Conc: 67876.53 ng/ml



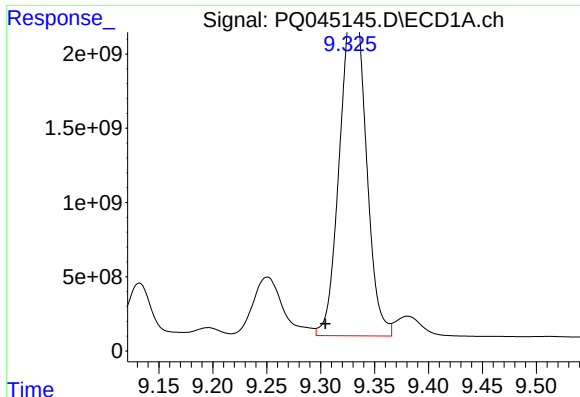
#34 AR-1260-4

R.T.: 8.987 min
Delta R.T.: 0.015 min
Response: 24851935725
Conc: 65353.58 ng/ml



#34 AR-1260-4

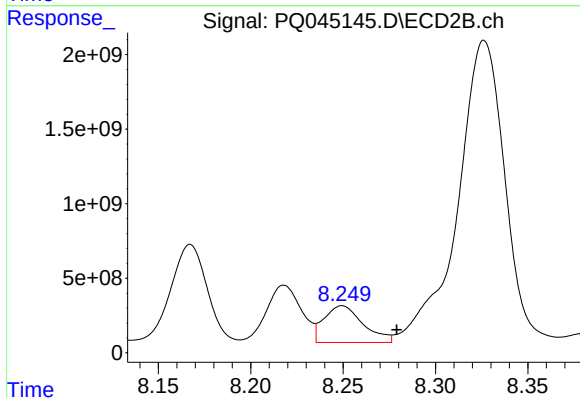
R.T.: 8.003 min
Delta R.T.: -0.029 min
Response: 3957954159
Conc: 12906.81 ng/ml



#35 AR-1260-5

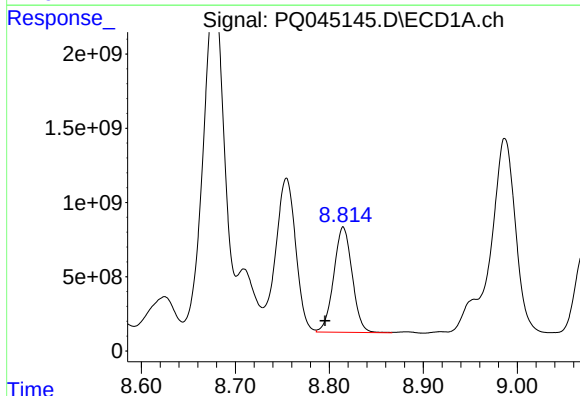
R.T.: 9.332 min
Delta R.T.: 0.027 min
Response: 37059813900
Conc: 48142.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW3



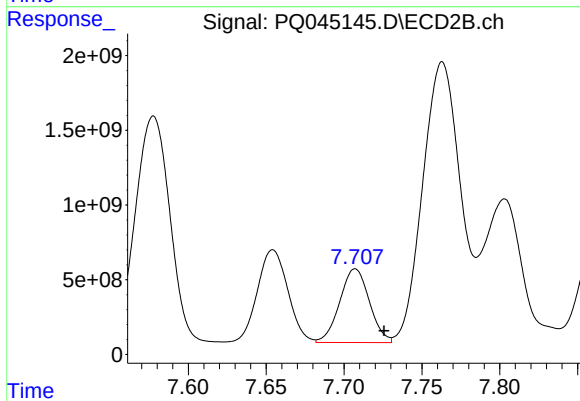
#35 AR-1260-5

R.T.: 8.249 min
Delta R.T.: -0.029 min
Response: 3634743770
Conc: 4644.26 ng/ml



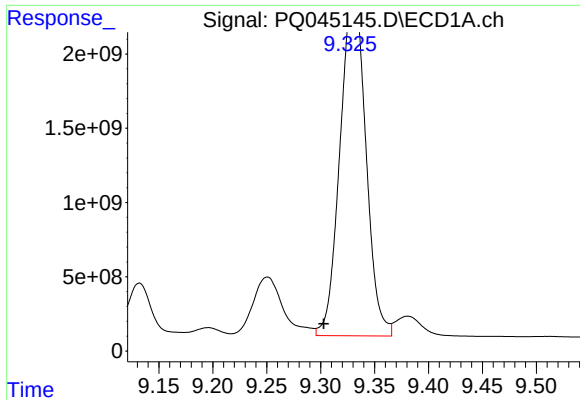
#36 AR-1262-1

R.T.: 8.815 min
Delta R.T.: 0.020 min
Response: 9682238775
Conc: 46416.92 ng/ml



#36 AR-1262-1

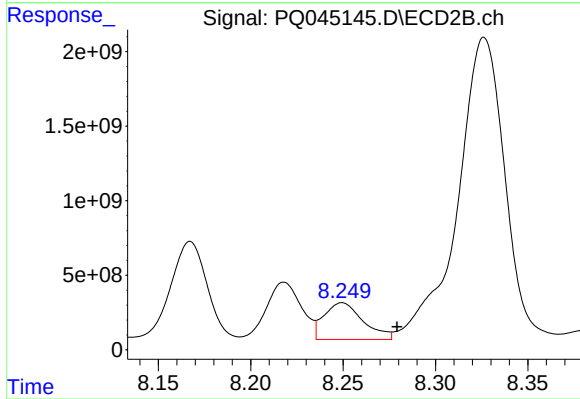
R.T.: 7.707 min
Delta R.T.: -0.019 min
Response: 6547903110
Conc: 25871.47 ng/ml



#37 AR-1262-2

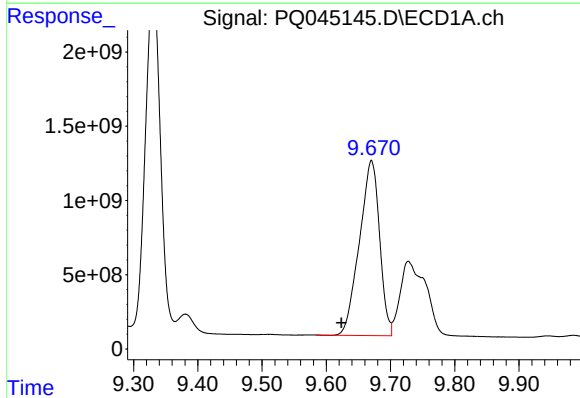
R.T.: 9.332 min
Delta R.T.: 0.029 min
Response: 37059813900
Conc: 41031.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW3



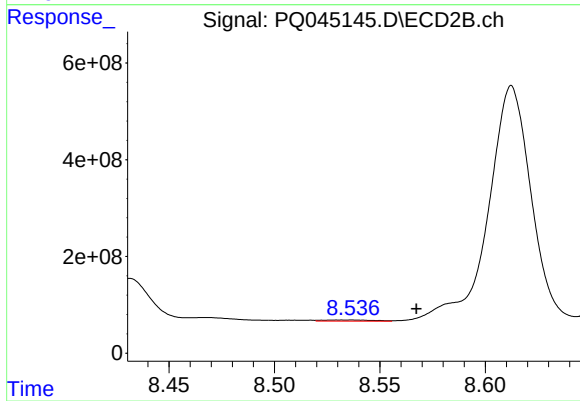
#37 AR-1262-2

R.T.: 8.249 min
Delta R.T.: -0.030 min
Response: 3634743770
Conc: 3683.63 ng/ml



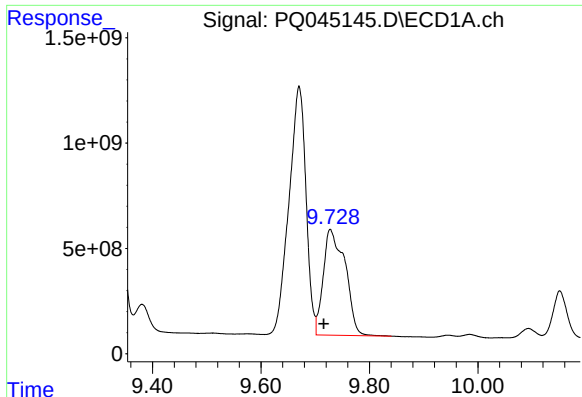
#38 AR-1262-3

R.T.: 9.670 min
Delta R.T.: 0.047 min
Response: 25683546903
Conc: 42112.81 ng/ml



#38 AR-1262-3

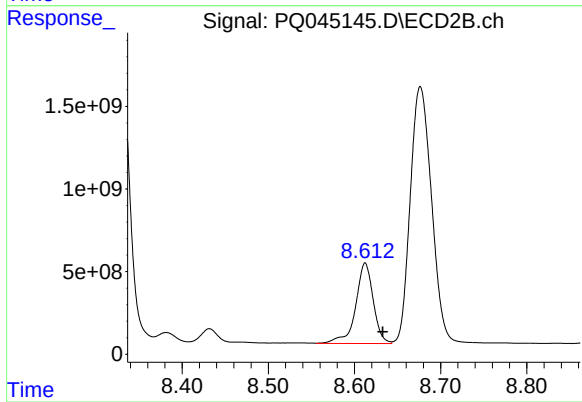
R.T.: 8.537 min
Delta R.T.: -0.031 min
Response: 40493581
Conc: 105.09 ng/ml



#39 AR-1262-4

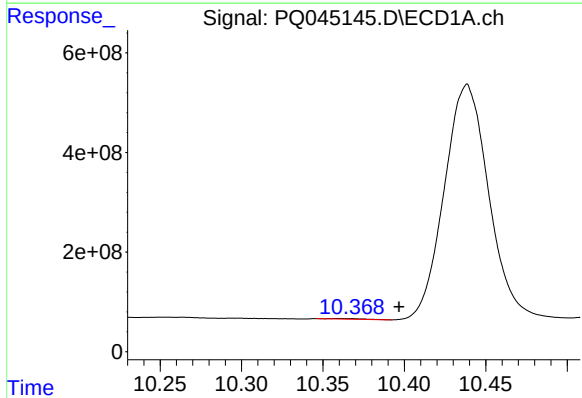
R.T.: 9.728 min
Delta R.T.: 0.012 min
Response: 14034985232
Conc: 30892.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW3



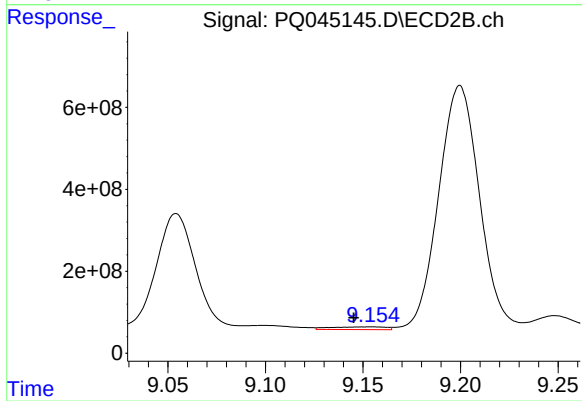
#39 AR-1262-4

R.T.: 8.612 min
Delta R.T.: -0.021 min
Response: 6914697484
Conc: 9385.97 ng/ml



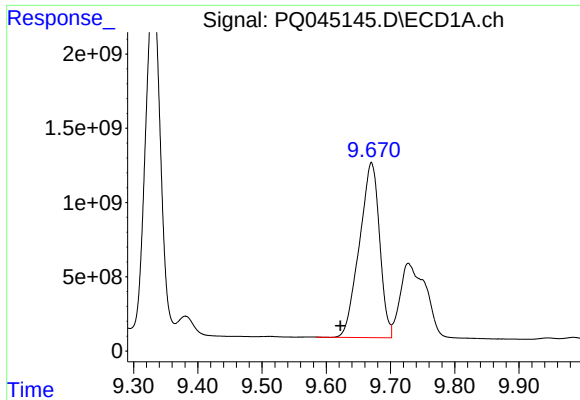
#40 AR-1262-5

R.T.: 10.360 min
Delta R.T.: -0.037 min
Response: 16330087
Conc: 53.38 ng/ml



#40 AR-1262-5

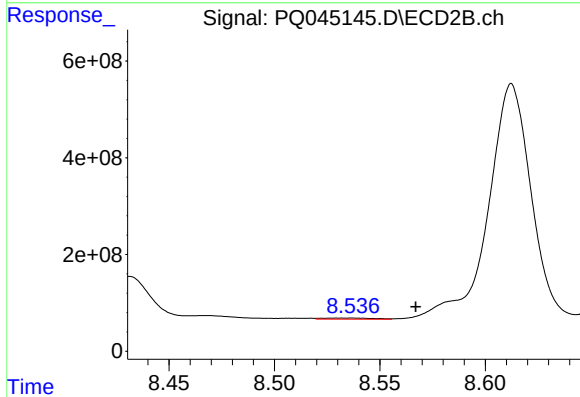
R.T.: 9.154 min
Delta R.T.: 0.009 min
Response: 132908324
Conc: 381.74 ng/ml



#41 AR-1268-1

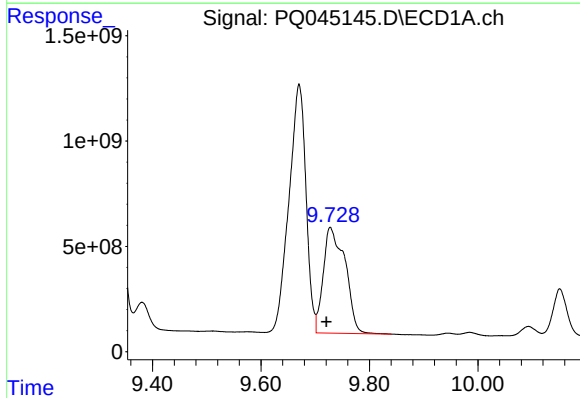
R.T.: 9.670 min
Delta R.T.: 0.048 min
Response: 25683546903
Conc: 22999.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW3



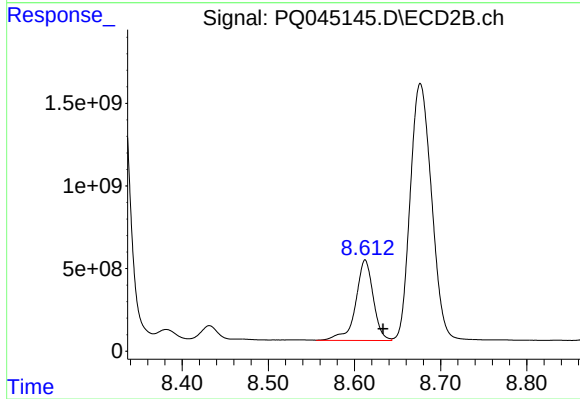
#41 AR-1268-1

R.T.: 8.537 min
Delta R.T.: -0.030 min
Response: 40493581
Conc: 33.68 ng/ml



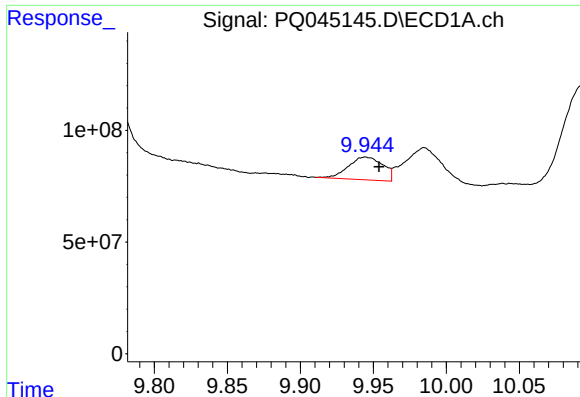
#42 AR-1268-2

R.T.: 9.728 min
Delta R.T.: 0.007 min
Response: 14034985232
Conc: 13806.90 ng/ml



#42 AR-1268-2

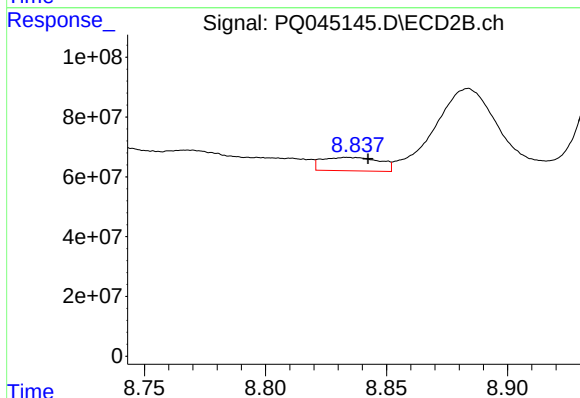
R.T.: 8.612 min
Delta R.T.: -0.021 min
Response: 6914697484
Conc: 6209.40 ng/ml



#43 AR-1268-3

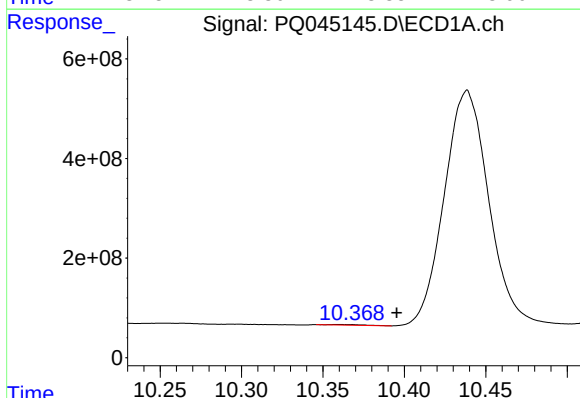
R.T.: 9.945 min
Delta R.T.: -0.009 min
Response: 167597370
Conc: 191.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW3



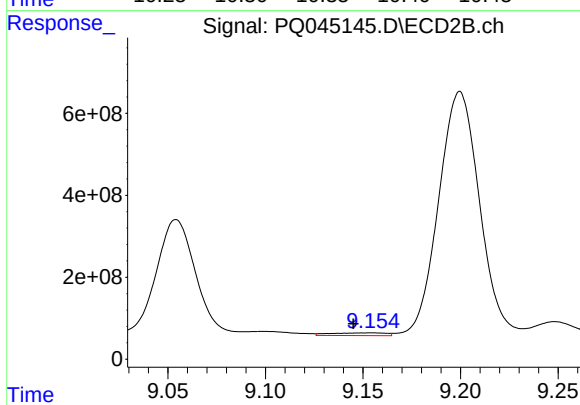
#43 AR-1268-3

R.T.: 8.834 min
Delta R.T.: -0.008 min
Response: 73759638
Conc: 79.29 ng/ml



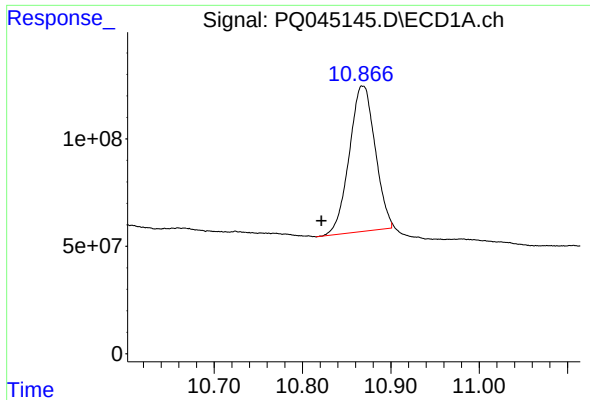
#44 AR-1268-4

R.T.: 10.360 min
Delta R.T.: -0.036 min
Response: 16330087
Conc: 47.04 ng/ml



#44 AR-1268-4

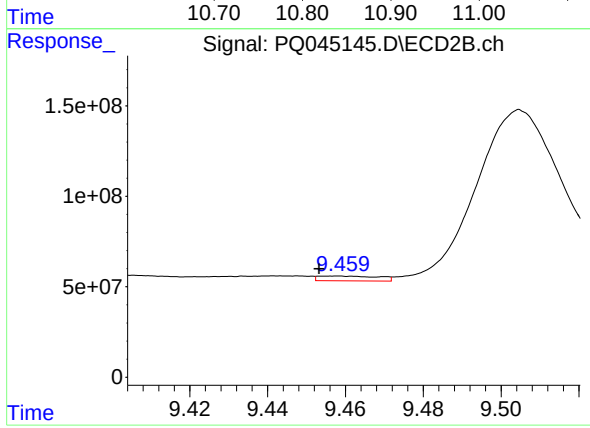
R.T.: 9.154 min
Delta R.T.: 0.009 min
Response: 132908324
Conc: 330.00 ng/ml



#45 AR-1268-5

R.T.: 10.868 min
Delta R.T.: 0.047 min
Response: 1374225164
Conc: 526.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW3



#45 AR-1268-5

R.T.: 9.458 min
Delta R.T.: 0.004 min
Response: 28453090
Conc: 9.41 ng/ml