

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
 Data File : PR040430.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2019 18:29
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1248 LOD 40 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 00:06:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 15:16:04 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.749	4.593	42341258	206.3E6	34.458	33.444
2) SA Decachlor...	8.675	10.312	56154574	238.1E6	19.493	20.518
Target Compounds						
3) L1 AR-1016-1	4.814	5.747	2515253	19758770	46.727	79.184 #
4) L1 AR-1016-2	4.832	5.771	2976981	22710594	32.921	58.221 #
5) L1 AR-1016-3	5.006	5.832	1664350	17094942	37.363	69.794 #
6) L1 AR-1016-4	5.047	5.927	3576345	23078282	100.069	116.468
7) L1 AR-1016-5	5.254	6.218	4356503	22607024	86.763	116.311 #
9) L2 AR-1221-2	0.000	4.896	0	3732965	N.D.	59.468 #
10) L2 AR-1221-3	0.000	4.957	0	1348762	N.D.	6.732 #
11) L3 AR-1232-1	0.000	4.957	0	1348762	N.D.	6.487 #
12) L3 AR-1232-2	4.832	5.485	2976981	15019779	48.020	132.103 #
13) L3 AR-1232-3	5.006	5.771	1664350	22710594	57.015	89.061 #
14) L3 AR-1232-4	5.086	5.927	3999704	23078282	153.704	179.133
15) L3 AR-1232-5	5.254	6.015	4356503	24334186	144.150	267.633 #
16) L4 AR-1242-1	4.814	5.747	2515253	19758770	49.747	81.732 #
17) L4 AR-1242-2	4.832	5.771	2976981	22710594	34.930	61.257 #
18) L4 AR-1242-3	5.006	5.832	1664350	17094942	39.157	75.201 #
19) L4 AR-1242-4	5.086	5.927	3999704	23078282	96.734	122.095 #
20) L4 AR-1242-5	5.600	6.656	6151850	25681169	100.186	111.593
21) L5 AR-1248-1	4.814	5.747	2515253	19758770	66.886	118.034 #
22) L5 AR-1248-2	5.047	6.015	3576345	24334186	66.397	99.332 #
23) L5 AR-1248-3	5.086	6.218	3999704	22607024	71.499	78.688
24) L5 AR-1248-4	5.254	6.617	4356503	22324304	61.292	62.198
25) L5 AR-1248-5	5.640	6.656	3874389	25681169	50.129	74.192 #
26) L6 AR-1254-1	5.600	6.589	6151850	17452466	45.314	44.208
27) L6 AR-1254-2	5.743	6.811	1985183	23576347	16.641	37.291 #
28) L6 AR-1254-3	6.141	7.169	3103194	10663269	14.577	14.760
29) L6 AR-1254-4	6.365	7.452	1802432	11808720	10.934	21.503 #
30) L6 AR-1254-5	0.000	7.864	0	1747828	N.D.	2.929 #
31) L7 AR-1260-1	6.284	7.332	964219	1543435	8.548	3.750 #
32) L7 AR-1260-2	6.450	7.582	656821	4034284	4.519	7.938 #
33) L7 AR-1260-3	6.676	0.000	1899075	0	14.148	N.D. #
34) L7 AR-1260-4	0.000	8.161	0	407167	N.D.	0.854 #
35) L7 AR-1260-5	0.000	8.489	0	466284	N.D.	0.450 #
37) L8 AR-1262-2	0.000	8.489	0	466284	N.D.	0.392 #
38) L8 AR-1262-3	0.000	8.800	0	366435	N.D.	0.453 #
41) L9 AR-1268-1	0.000	8.800	0	366435	N.D.	0.280 #
43) L9 AR-1268-3	7.852	9.126	962912	4566701	3.367	4.329 #
45) L9 AR-1268-5	0.000	9.974	0	2109255	N.D.	0.535 #

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Instrument :
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I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 17 00:06:09 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 15 15:16:04 2019
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Integrator: ChemStation

Volume Inj. : 2 µl
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

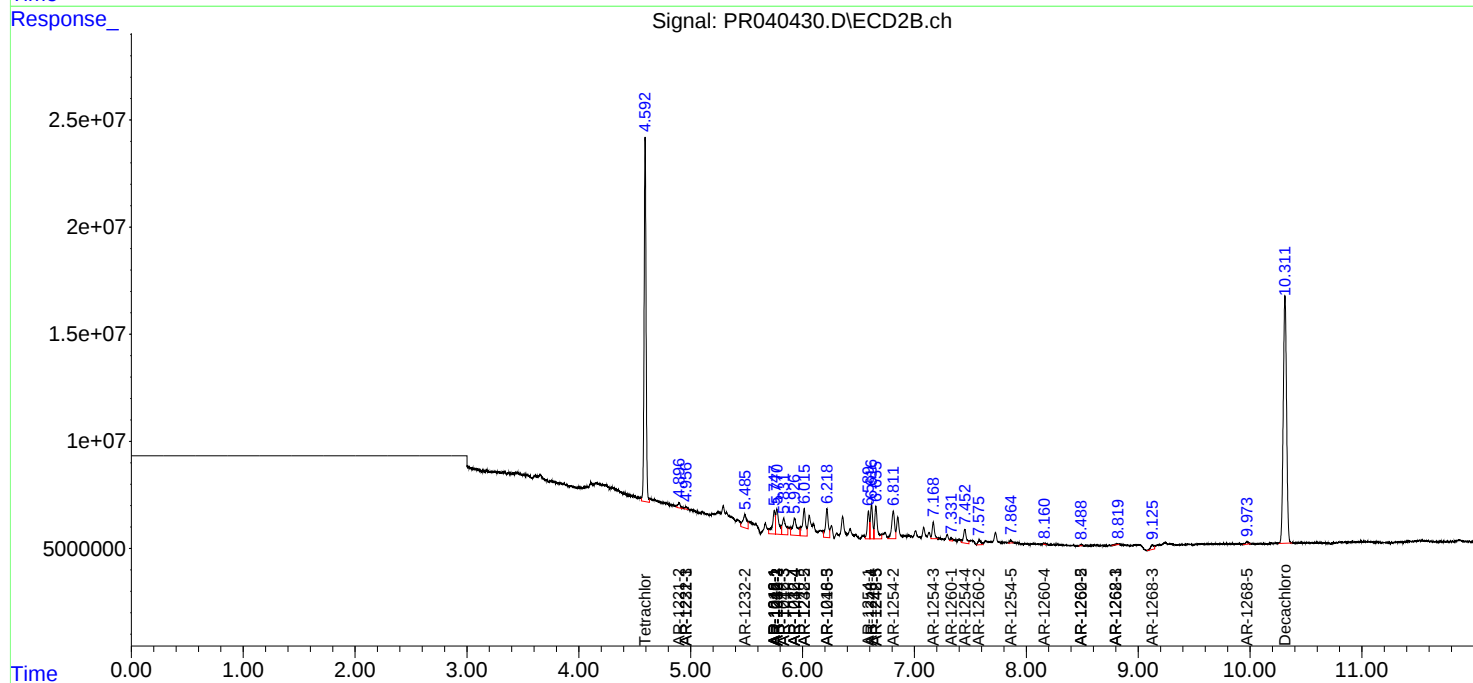
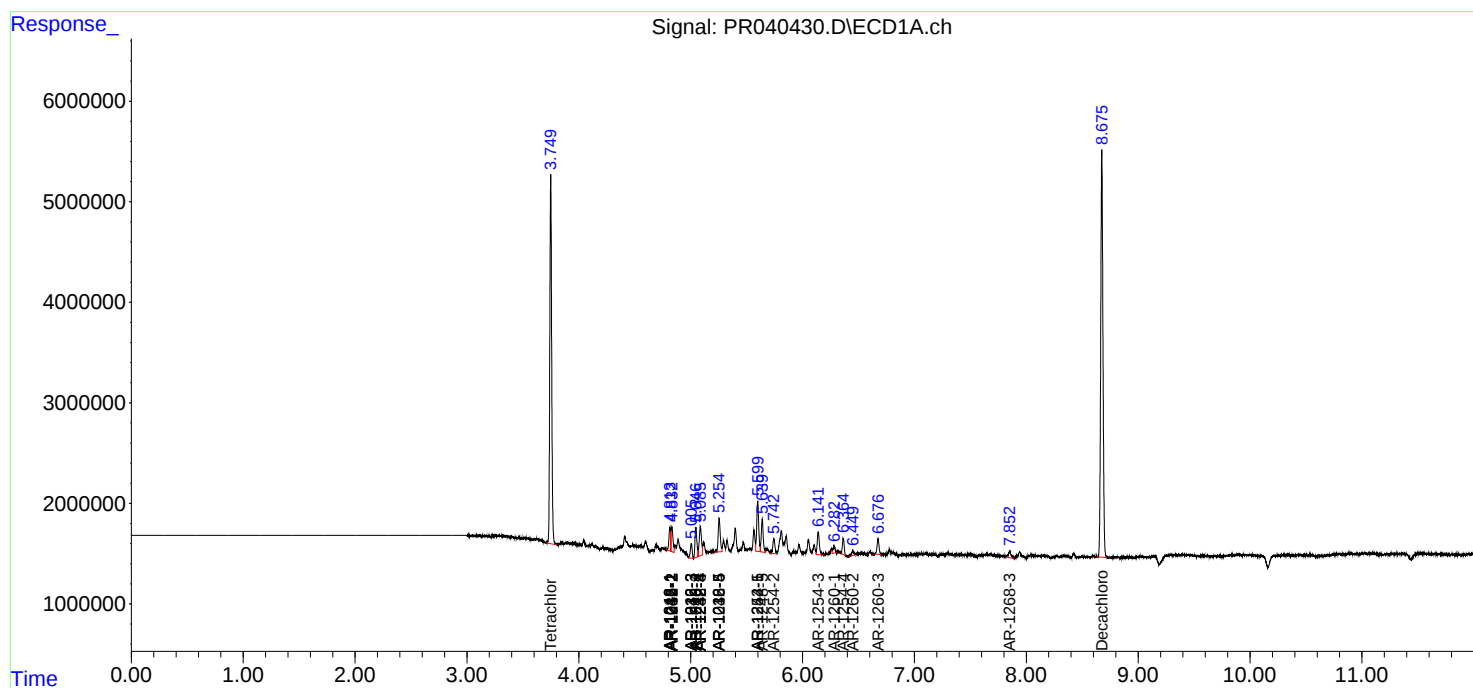
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

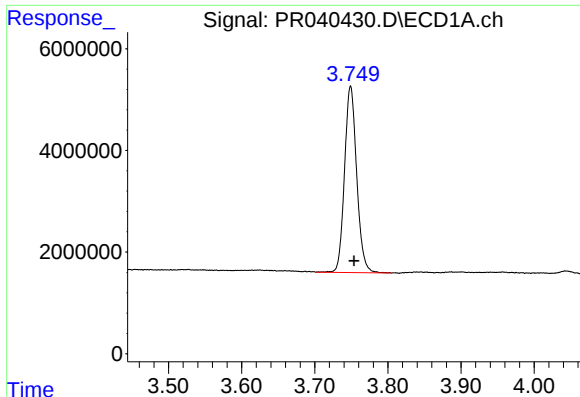
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

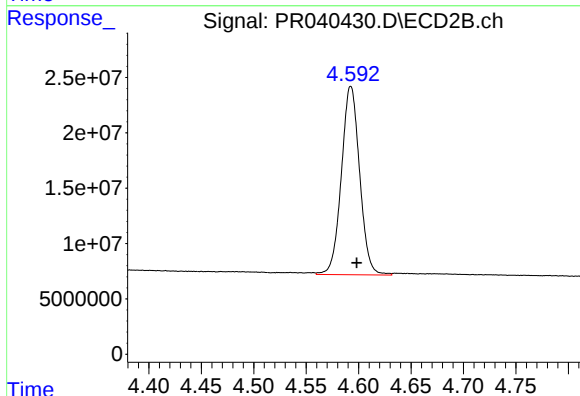




#1 Tetrachloro-m-xylene

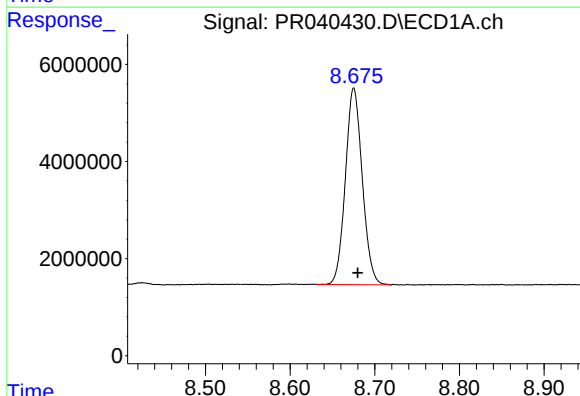
R.T.: 3.749 min
Delta R.T.: -0.005 min
Response: 42341258
Conc: 34.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



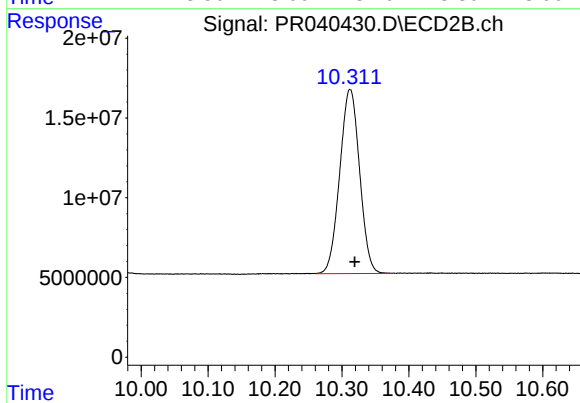
#1 Tetrachloro-m-xylene

R.T.: 4.593 min
Delta R.T.: -0.006 min
Response: 206272813
Conc: 33.44 ng/ml



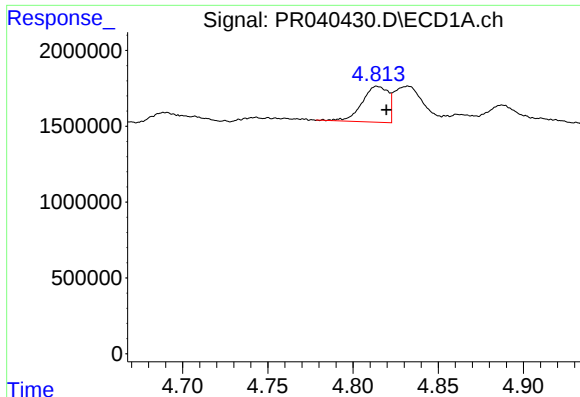
#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.005 min
Response: 56154574
Conc: 19.49 ng/ml



#2 Decachlorobiphenyl

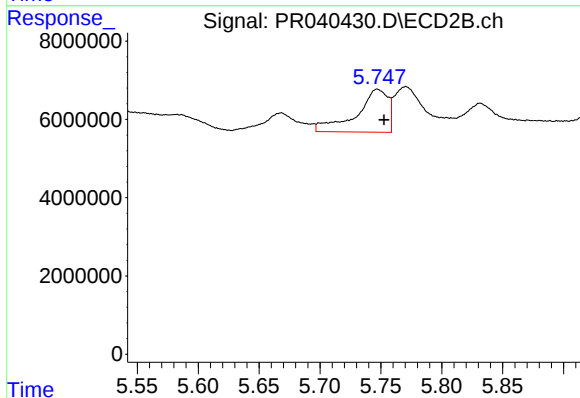
R.T.: 10.312 min
Delta R.T.: -0.007 min
Response: 238137080
Conc: 20.52 ng/ml



#3 AR-1016-1

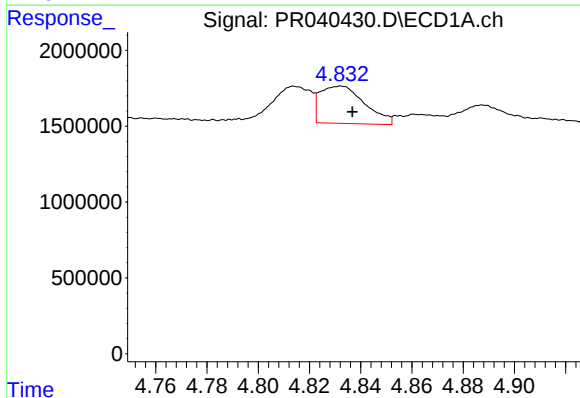
R.T.: 4.814 min
Delta R.T.: -0.006 min
Response: 2515253
Conc: 46.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



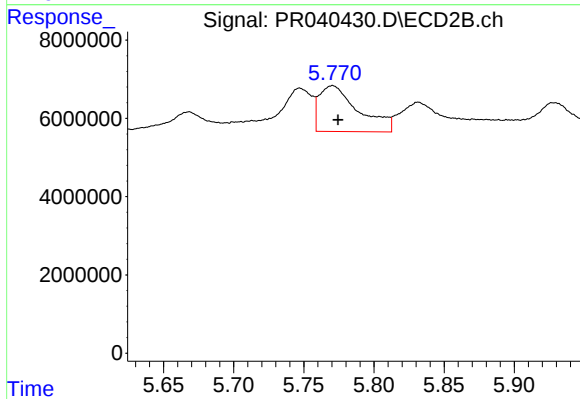
#3 AR-1016-1

R.T.: 5.747 min
Delta R.T.: -0.005 min
Response: 19758770
Conc: 79.18 ng/ml



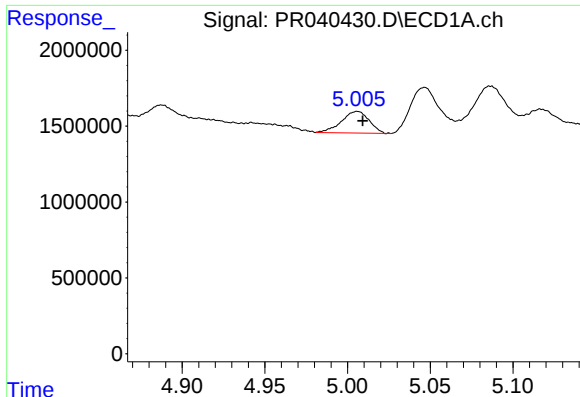
#4 AR-1016-2

R.T.: 4.832 min
Delta R.T.: -0.004 min
Response: 2976981
Conc: 32.92 ng/ml



#4 AR-1016-2

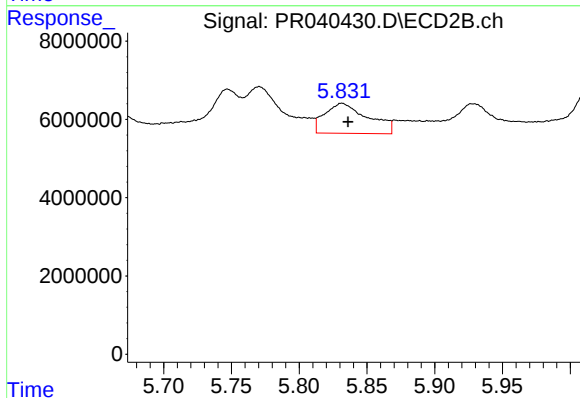
R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 22710594
Conc: 58.22 ng/ml



#5 AR-1016-3

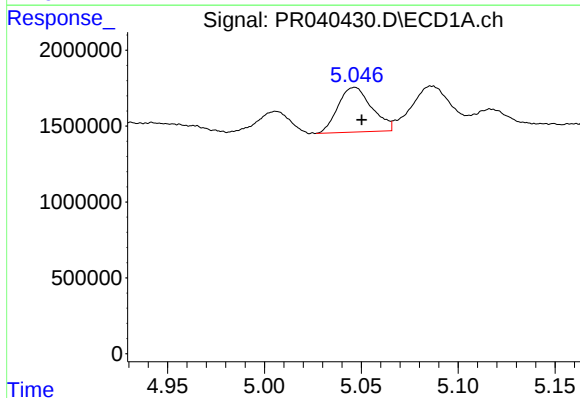
R.T.: 5.006 min
Delta R.T.: -0.003 min
Response: 1664350
Conc: 37.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



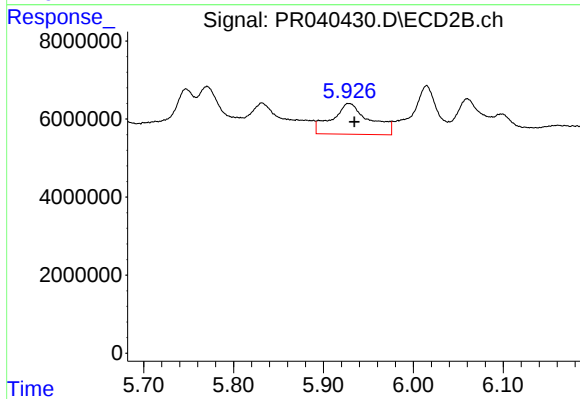
#5 AR-1016-3

R.T.: 5.832 min
Delta R.T.: -0.005 min
Response: 17094942
Conc: 69.79 ng/ml



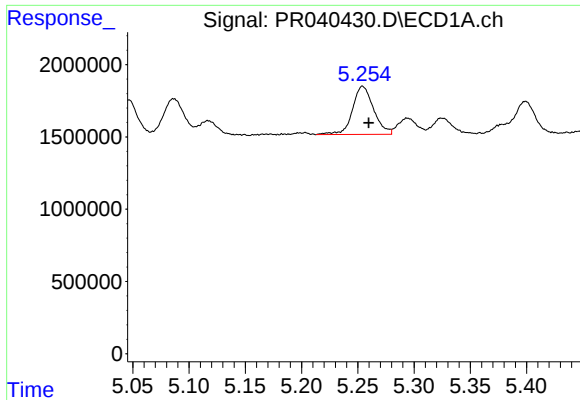
#6 AR-1016-4

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 3576345
Conc: 100.07 ng/ml



#6 AR-1016-4

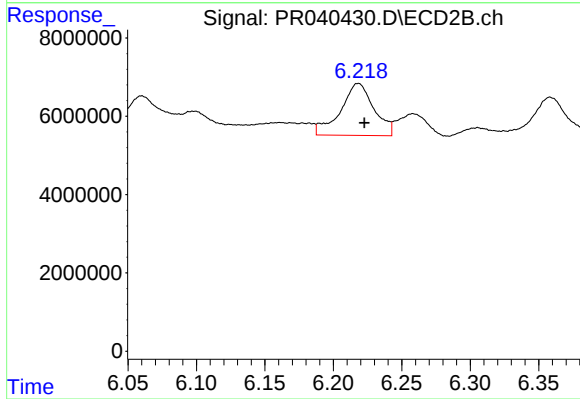
R.T.: 5.927 min
Delta R.T.: -0.007 min
Response: 23078282
Conc: 116.47 ng/ml



#7 AR-1016-5

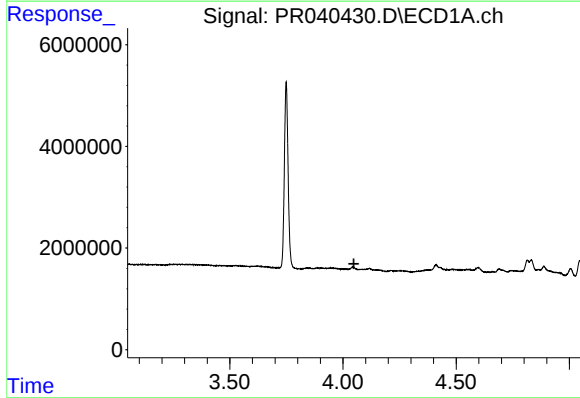
R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 4356503
Conc: 86.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



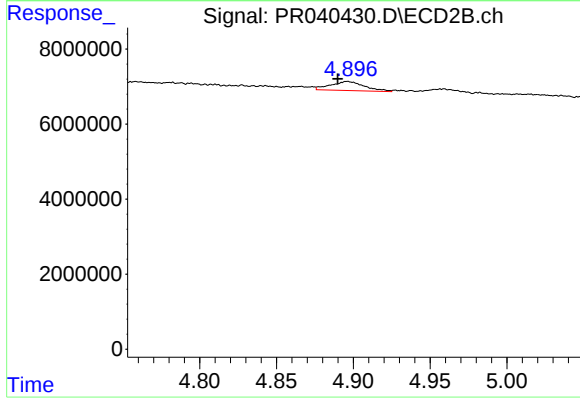
#7 AR-1016-5

R.T.: 6.218 min
Delta R.T.: -0.004 min
Response: 22607024
Conc: 116.31 ng/ml



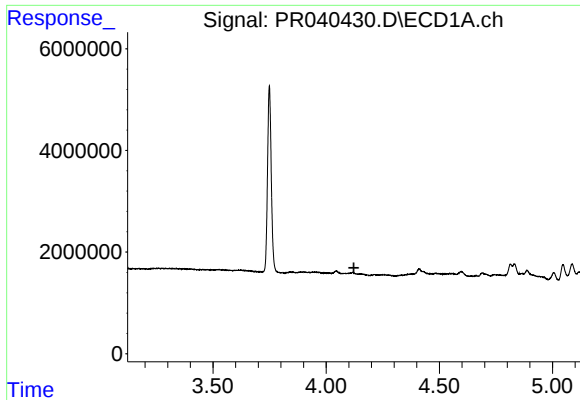
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.048 min
Response: 0
Conc: N.D.



#9 AR-1221-2

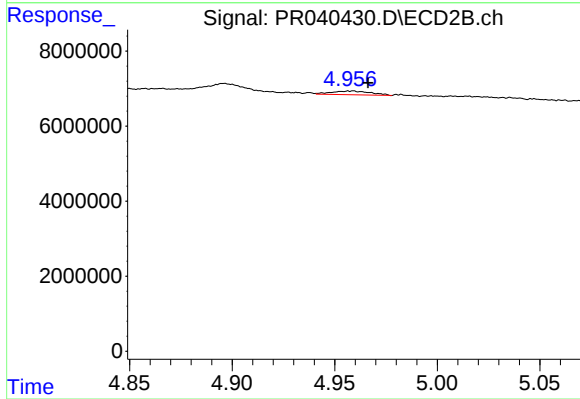
R.T.: 4.896 min
Delta R.T.: 0.006 min
Response: 3732965
Conc: 59.47 ng/ml



#10 AR-1221-3

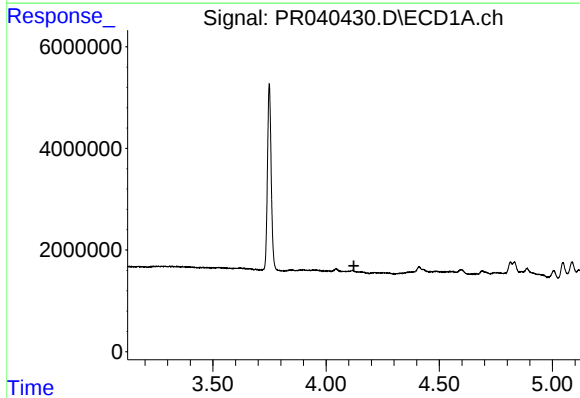
R.T.: 0.000 min
Exp R.T. : 4.122 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
I.BLK



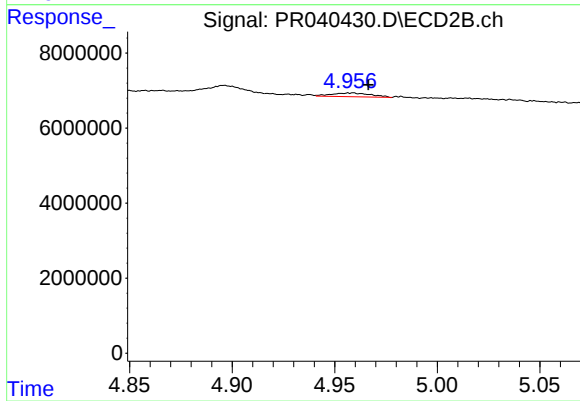
#10 AR-1221-3

R.T.: 4.957 min
Delta R.T.: -0.009 min
Response: 1348762
Conc: 6.73 ng/ml



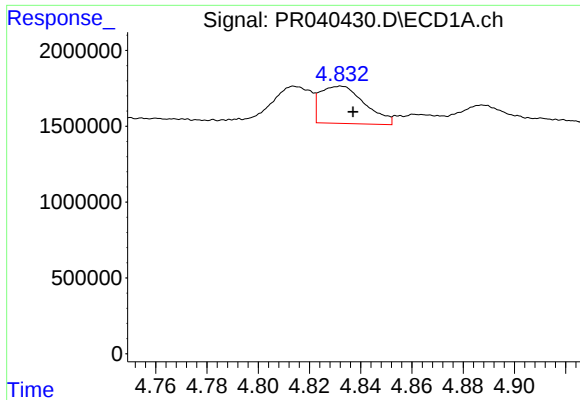
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.123 min
Response: 0
Conc: N.D.



#11 AR-1232-1

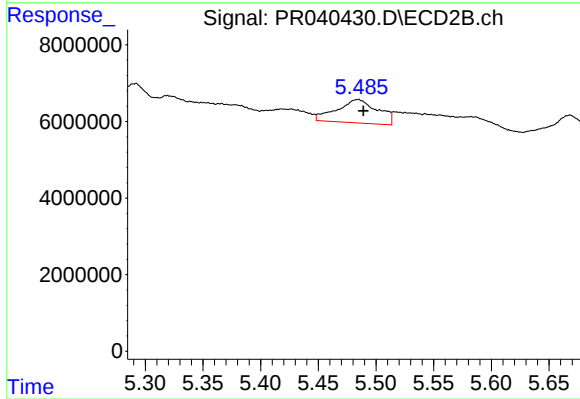
R.T.: 4.957 min
Delta R.T.: -0.010 min
Response: 1348762
Conc: 6.49 ng/ml



#12 AR-1232-2

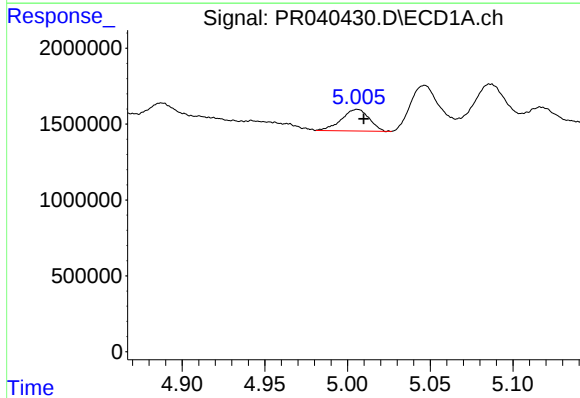
R.T.: 4.832 min
Delta R.T.: -0.005 min
Response: 2976981
Conc: 48.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



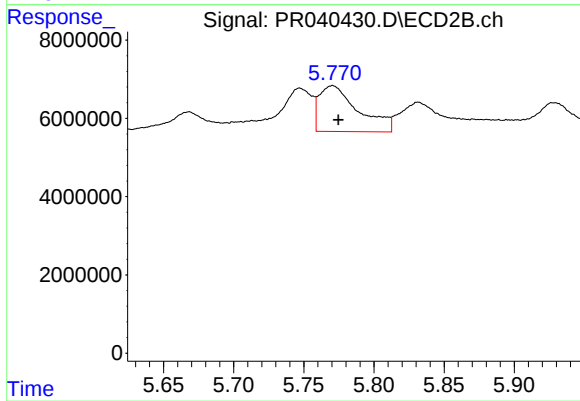
#12 AR-1232-2

R.T.: 5.485 min
Delta R.T.: -0.004 min
Response: 15019779
Conc: 132.10 ng/ml



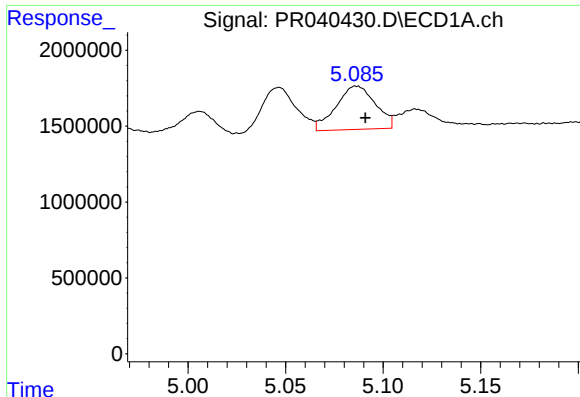
#13 AR-1232-3

R.T.: 5.006 min
Delta R.T.: -0.004 min
Response: 1664350
Conc: 57.02 ng/ml



#13 AR-1232-3

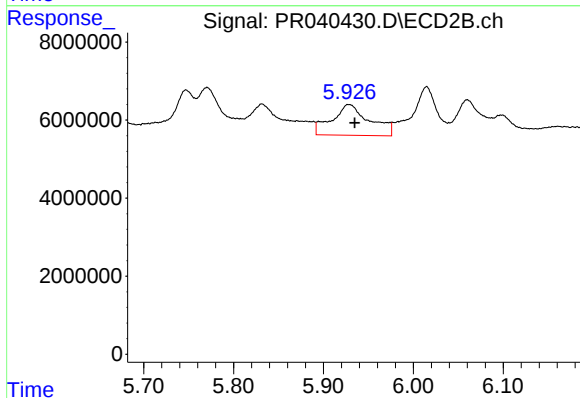
R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 22710594
Conc: 89.06 ng/ml



#14 AR-1232-4

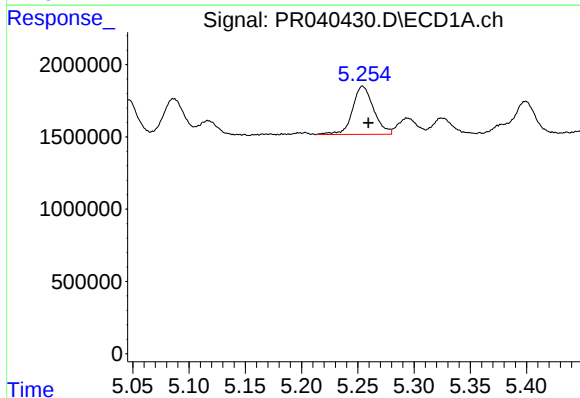
R.T.: 5.086 min
Delta R.T.: -0.005 min
Response: 3999704
Conc: 153.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



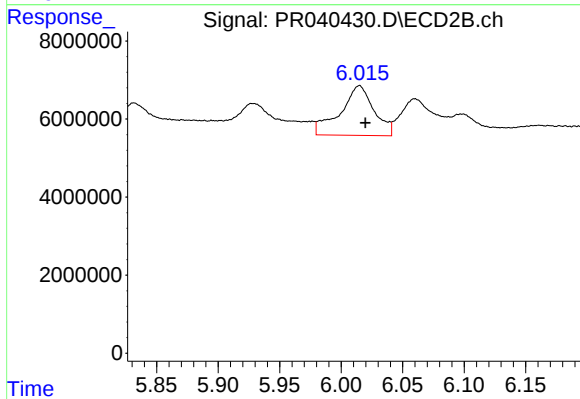
#14 AR-1232-4

R.T.: 5.927 min
Delta R.T.: -0.008 min
Response: 23078282
Conc: 179.13 ng/ml



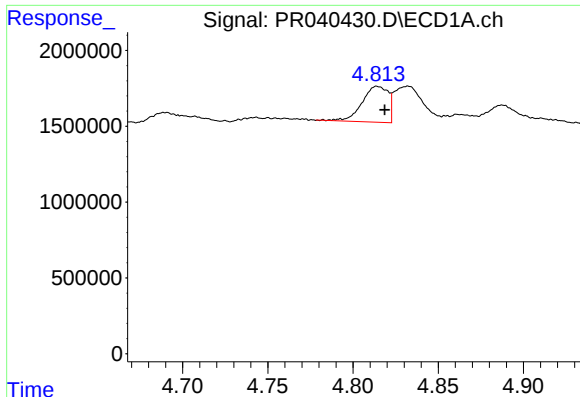
#15 AR-1232-5

R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 4356503
Conc: 144.15 ng/ml



#15 AR-1232-5

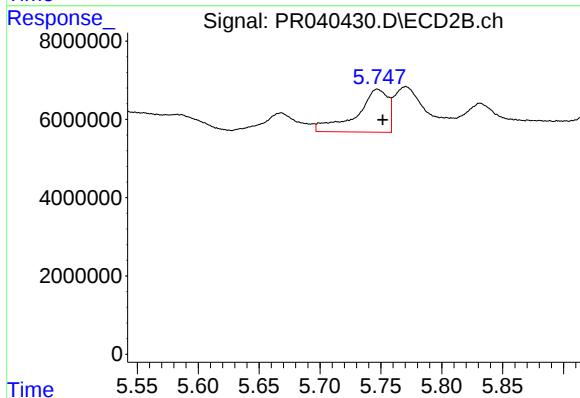
R.T.: 6.015 min
Delta R.T.: -0.005 min
Response: 24334186
Conc: 267.63 ng/ml



#16 AR-1242-1

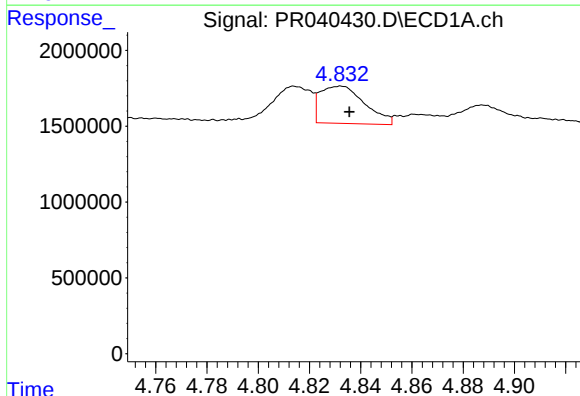
R.T.: 4.814 min
Delta R.T.: -0.005 min
Response: 2515253
Conc: 49.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



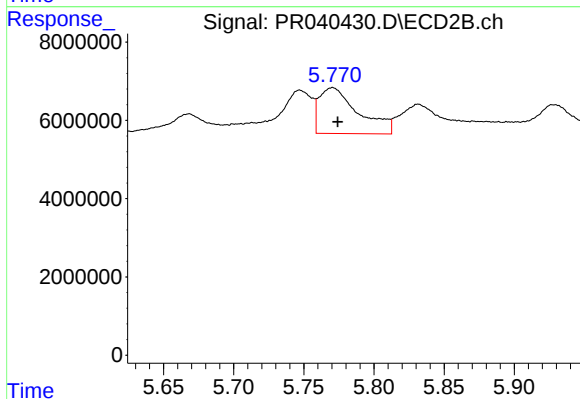
#16 AR-1242-1

R.T.: 5.747 min
Delta R.T.: -0.005 min
Response: 19758770
Conc: 81.73 ng/ml



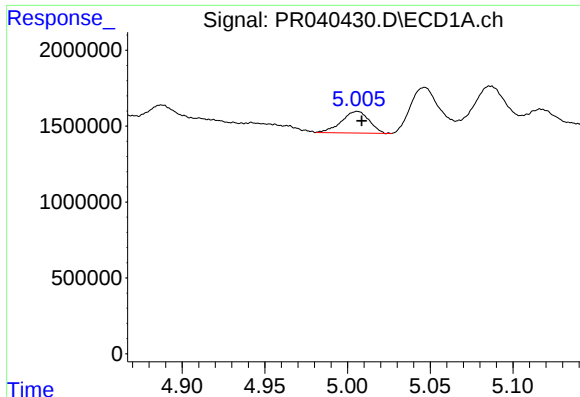
#17 AR-1242-2

R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 2976981
Conc: 34.93 ng/ml



#17 AR-1242-2

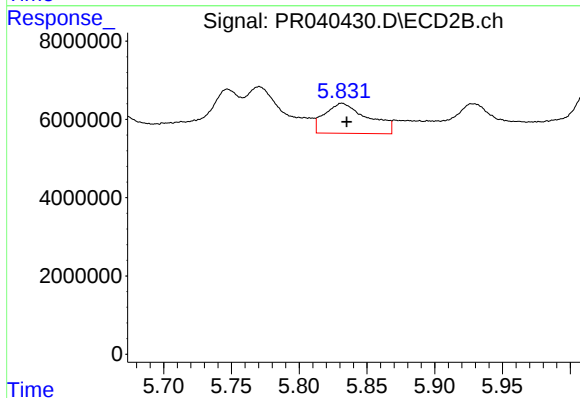
R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 22710594
Conc: 61.26 ng/ml



#18 AR-1242-3

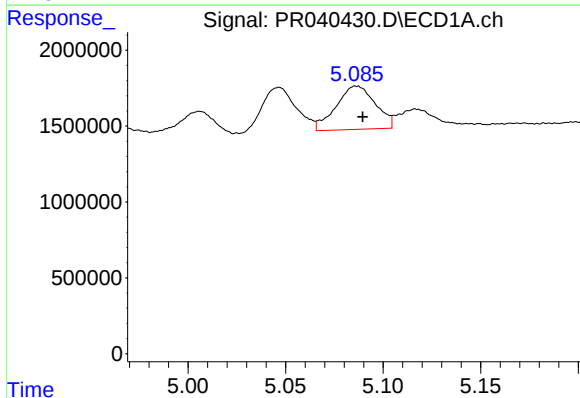
R.T.: 5.006 min
Delta R.T.: -0.003 min
Response: 1664350
Conc: 39.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



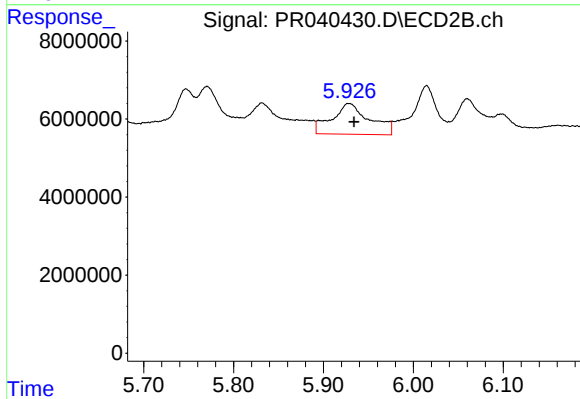
#18 AR-1242-3

R.T.: 5.832 min
Delta R.T.: -0.004 min
Response: 17094942
Conc: 75.20 ng/ml



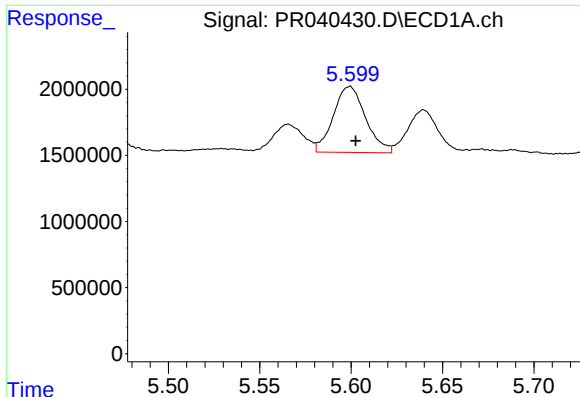
#19 AR-1242-4

R.T.: 5.086 min
Delta R.T.: -0.003 min
Response: 3999704
Conc: 96.73 ng/ml



#19 AR-1242-4

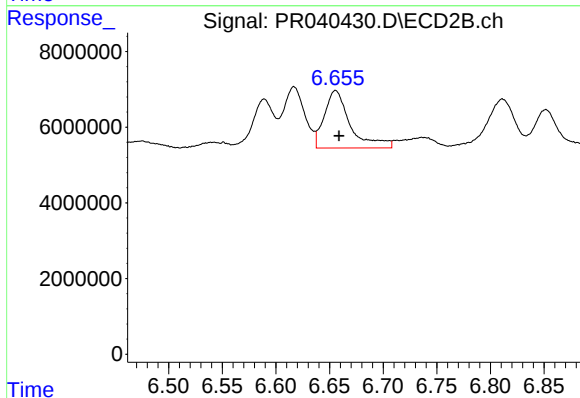
R.T.: 5.927 min
Delta R.T.: -0.007 min
Response: 23078282
Conc: 122.09 ng/ml



#20 AR-1242-5

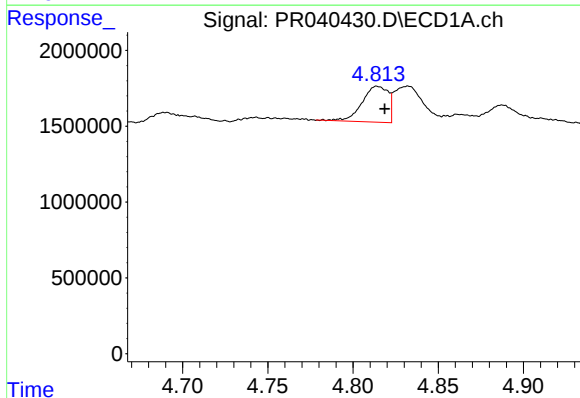
R.T.: 5.600 min
Delta R.T.: -0.003 min
Response: 6151850
Conc: 100.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



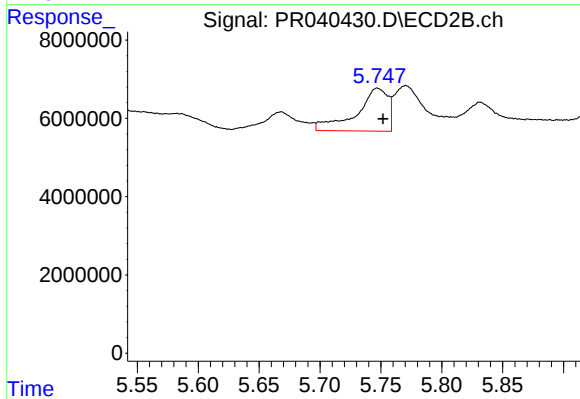
#20 AR-1242-5

R.T.: 6.656 min
Delta R.T.: -0.003 min
Response: 25681169
Conc: 111.59 ng/ml



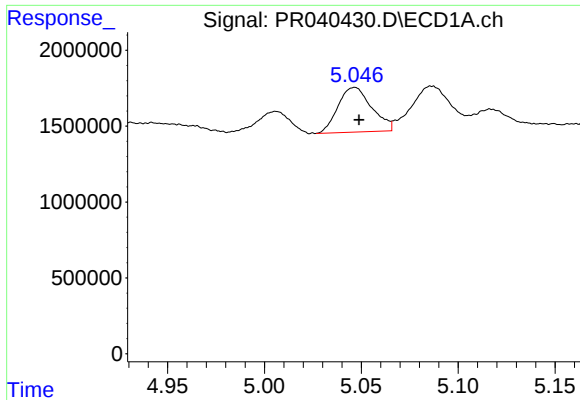
#21 AR-1248-1

R.T.: 4.814 min
Delta R.T.: -0.005 min
Response: 2515253
Conc: 66.89 ng/ml



#21 AR-1248-1

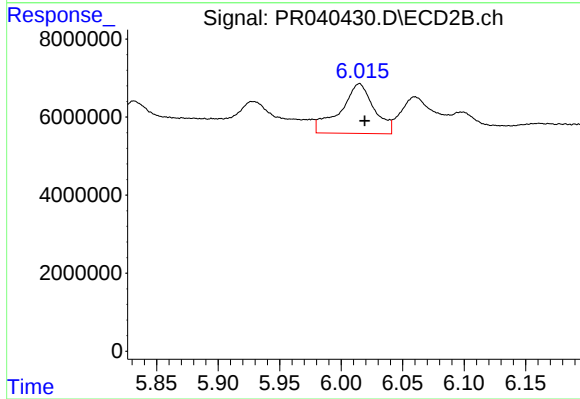
R.T.: 5.747 min
Delta R.T.: -0.005 min
Response: 19758770
Conc: 118.03 ng/ml



#22 AR-1248-2

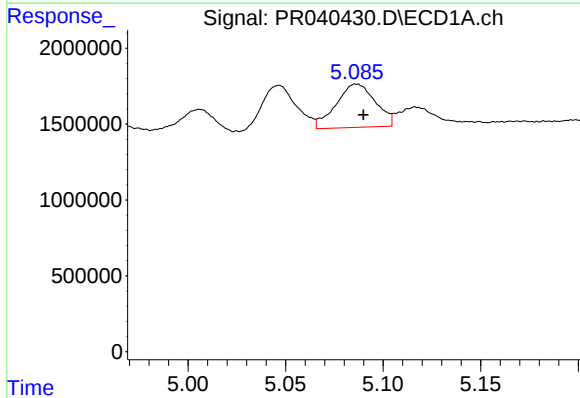
R.T.: 5.047 min
Delta R.T.: -0.002 min
Response: 3576345
Conc: 66.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



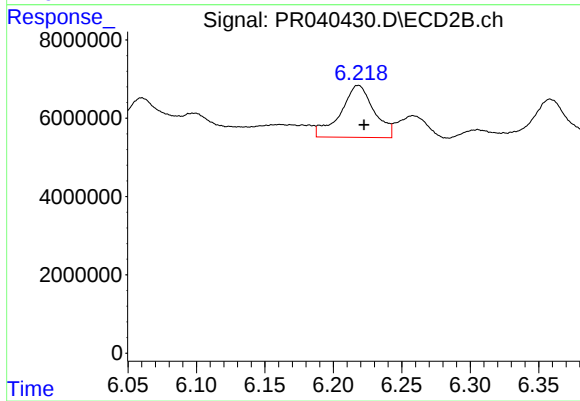
#22 AR-1248-2

R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 24334186
Conc: 99.33 ng/ml



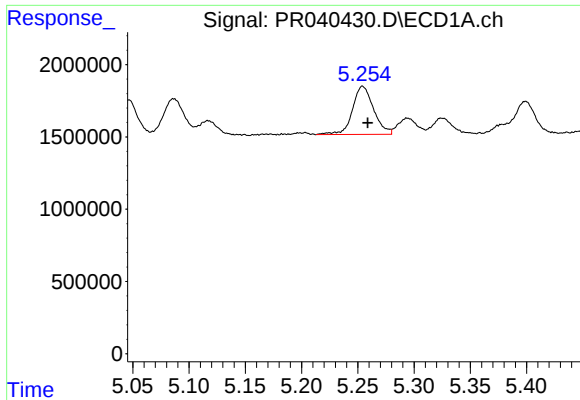
#23 AR-1248-3

R.T.: 5.086 min
Delta R.T.: -0.004 min
Response: 3999704
Conc: 71.50 ng/ml



#23 AR-1248-3

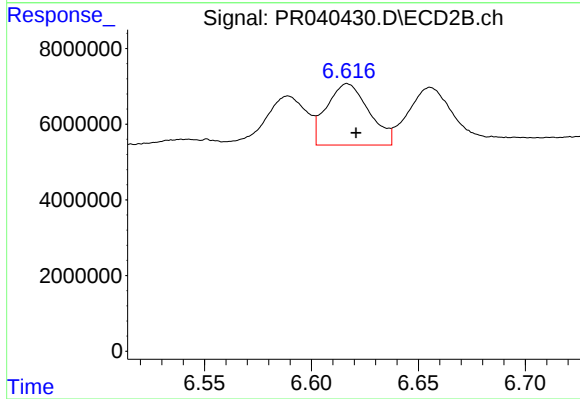
R.T.: 6.218 min
Delta R.T.: -0.004 min
Response: 22607024
Conc: 78.69 ng/ml



#24 AR-1248-4

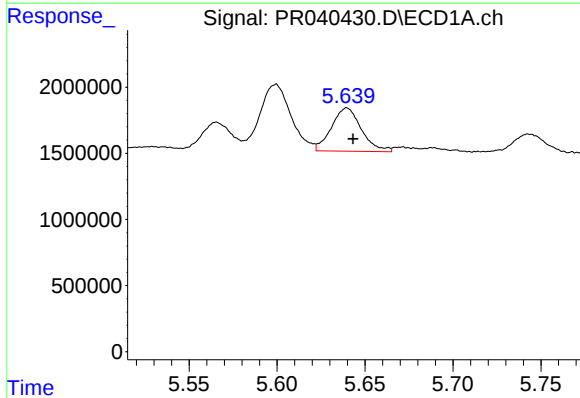
R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 4356503
Conc: 61.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



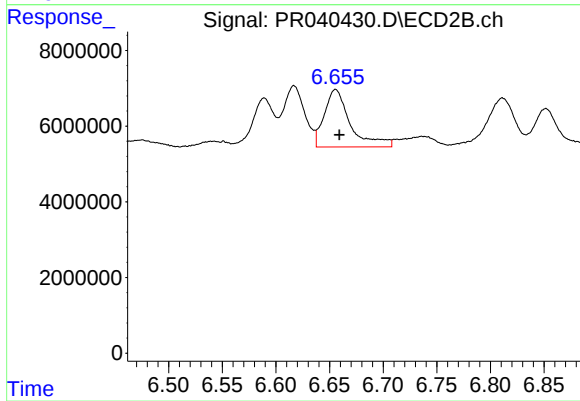
#24 AR-1248-4

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 22324304
Conc: 62.20 ng/ml



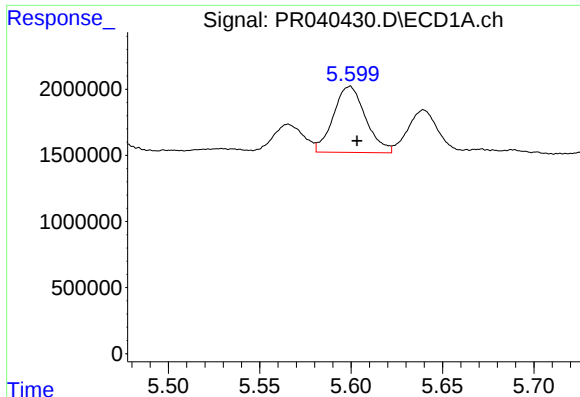
#25 AR-1248-5

R.T.: 5.640 min
Delta R.T.: -0.003 min
Response: 3874389
Conc: 50.13 ng/ml



#25 AR-1248-5

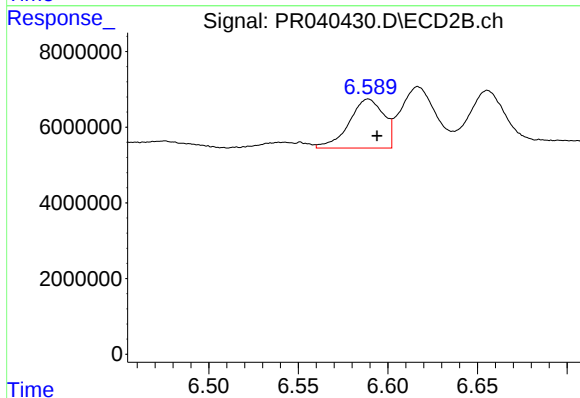
R.T.: 6.656 min
Delta R.T.: -0.004 min
Response: 25681169
Conc: 74.19 ng/ml



#26 AR-1254-1

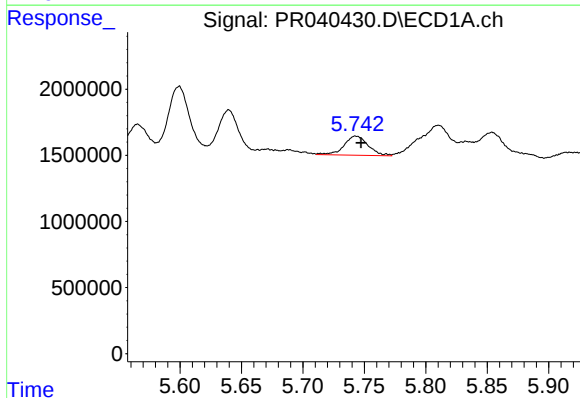
R.T.: 5.600 min
Delta R.T.: -0.004 min
Response: 6151850
Conc: 45.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



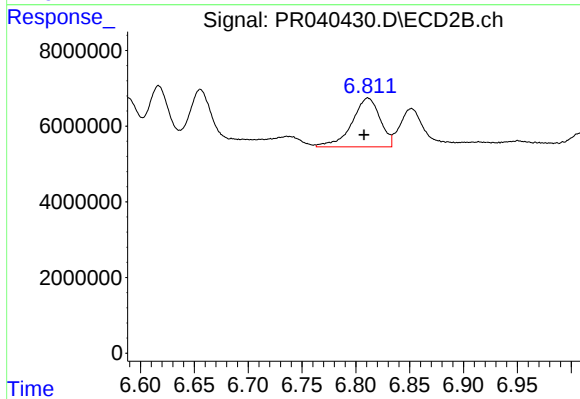
#26 AR-1254-1

R.T.: 6.589 min
Delta R.T.: -0.005 min
Response: 17452466
Conc: 44.21 ng/ml



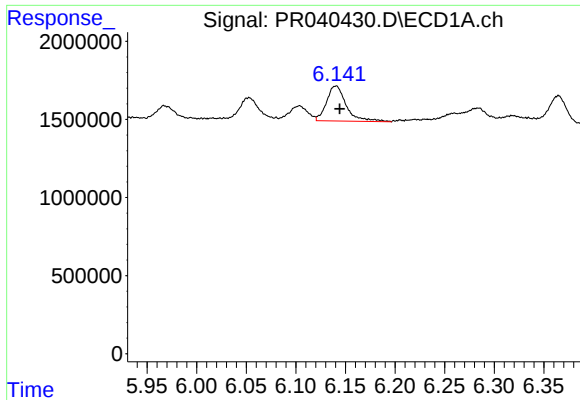
#27 AR-1254-2

R.T.: 5.743 min
Delta R.T.: -0.005 min
Response: 1985183
Conc: 16.64 ng/ml



#27 AR-1254-2

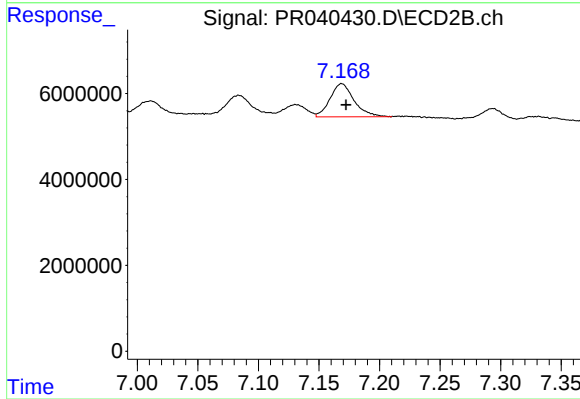
R.T.: 6.811 min
Delta R.T.: 0.004 min
Response: 23576347
Conc: 37.29 ng/ml



#28 AR-1254-3

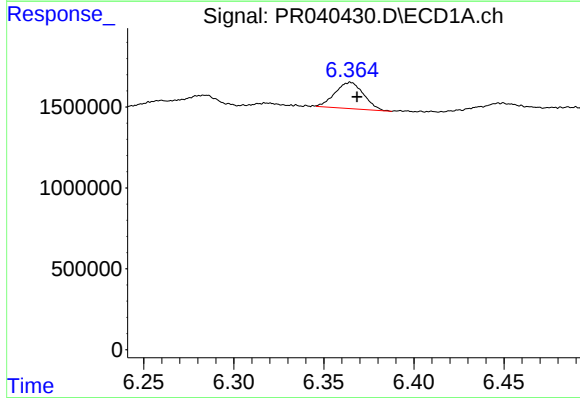
R.T.: 6.141 min
Delta R.T.: -0.003 min
Response: 3103194
Conc: 14.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



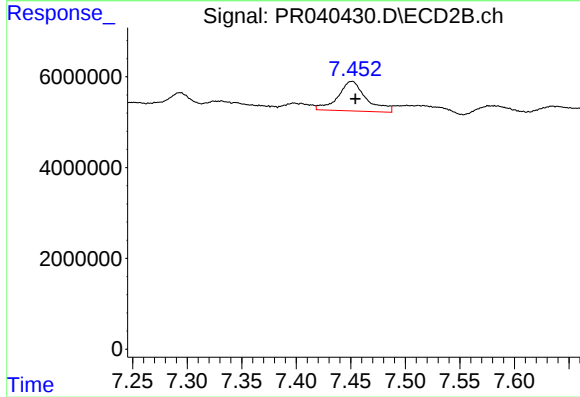
#28 AR-1254-3

R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 10663269
Conc: 14.76 ng/ml



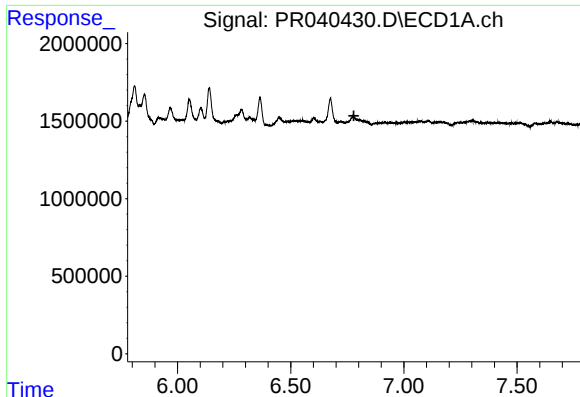
#29 AR-1254-4

R.T.: 6.365 min
Delta R.T.: -0.004 min
Response: 1802432
Conc: 10.93 ng/ml



#29 AR-1254-4

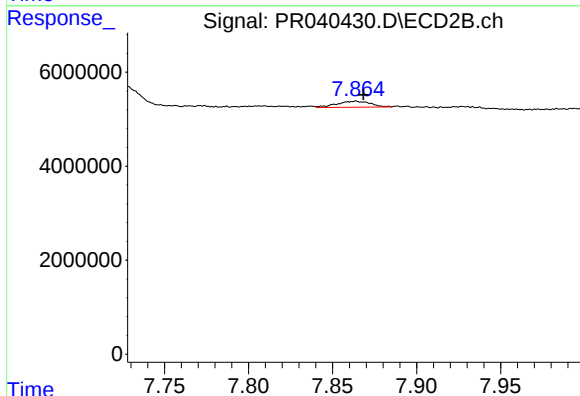
R.T.: 7.452 min
Delta R.T.: -0.003 min
Response: 11808720
Conc: 21.50 ng/ml



#30 AR-1254-5

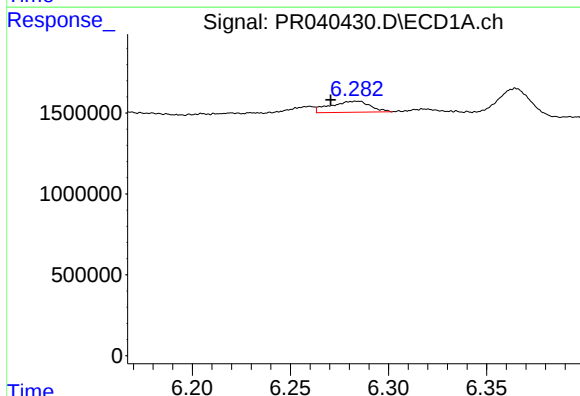
R.T.: 0.000 min
Exp R.T.: 6.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
I.BLK



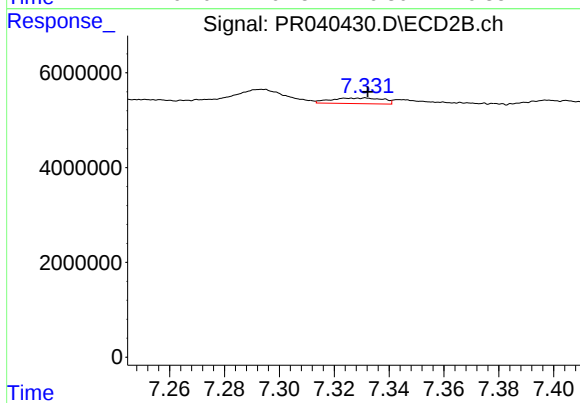
#30 AR-1254-5

R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 1747828
Conc: 2.93 ng/ml



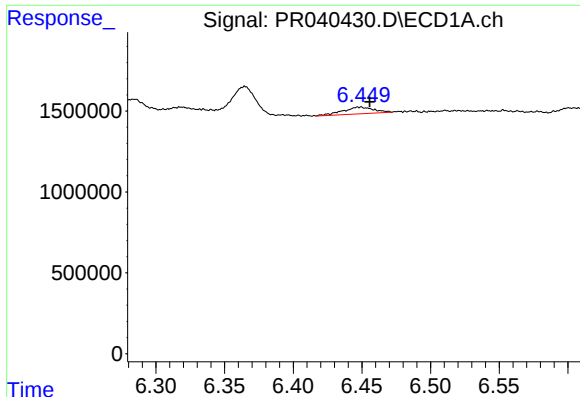
#31 AR-1260-1

R.T.: 6.284 min
Delta R.T.: 0.013 min
Response: 964219
Conc: 8.55 ng/ml



#31 AR-1260-1

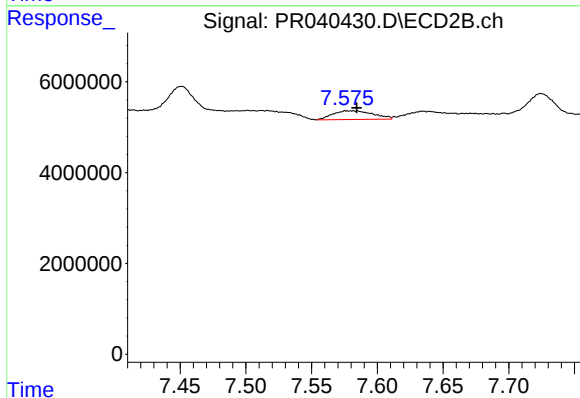
R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 1543435
Conc: 3.75 ng/ml



#32 AR-1260-2

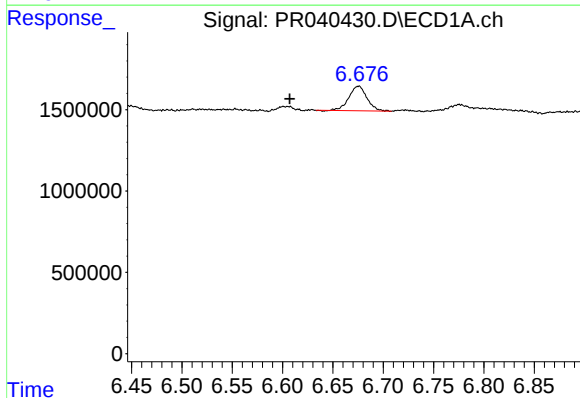
R.T.: 6.450 min
Delta R.T.: -0.006 min
Response: 656821
Conc: 4.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



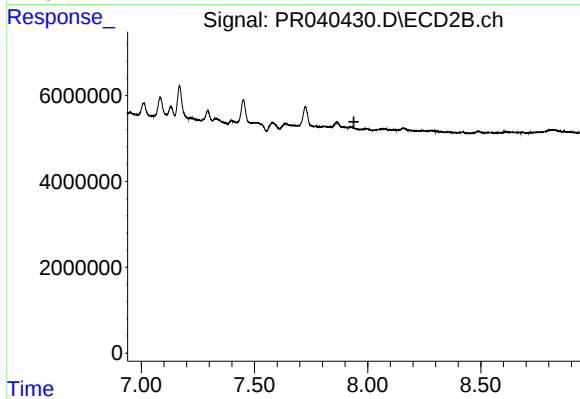
#32 AR-1260-2

R.T.: 7.582 min
Delta R.T.: -0.003 min
Response: 4034284
Conc: 7.94 ng/ml



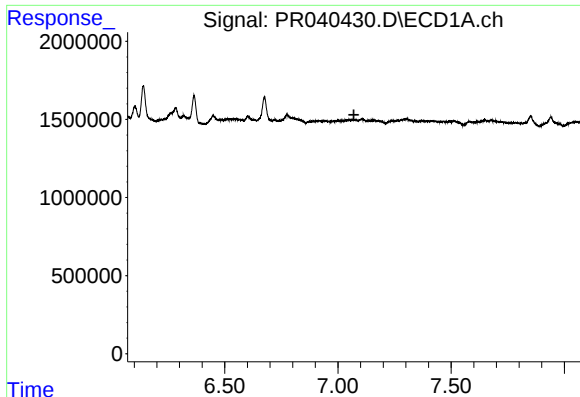
#33 AR-1260-3

R.T.: 6.676 min
Delta R.T.: 0.069 min
Response: 1899075
Conc: 14.15 ng/ml



#33 AR-1260-3

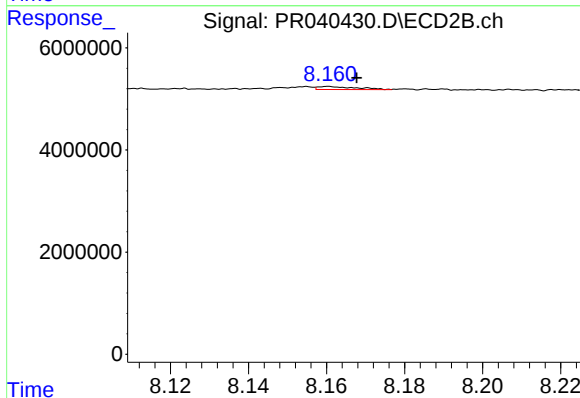
R.T.: 0.000 min
Exp R.T.: 7.939 min
Response: 0
Conc: N.D.



#34 AR-1260-4

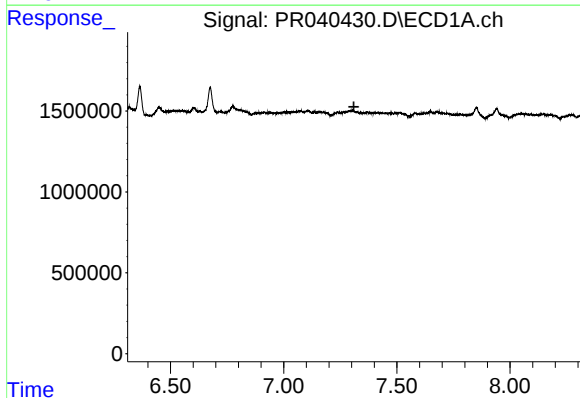
R.T.: 0.000 min
Exp R.T.: 7.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
I.BLK



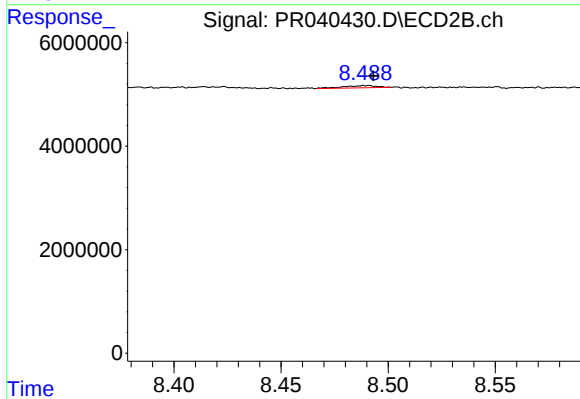
#34 AR-1260-4

R.T.: 8.161 min
Delta R.T.: -0.007 min
Response: 407167
Conc: 0.85 ng/ml



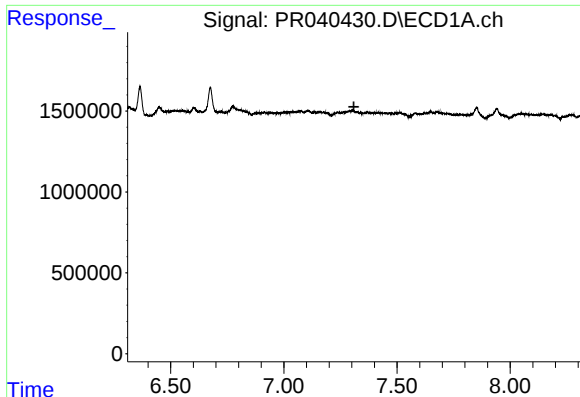
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.310 min
Response: 0
Conc: N.D.



#35 AR-1260-5

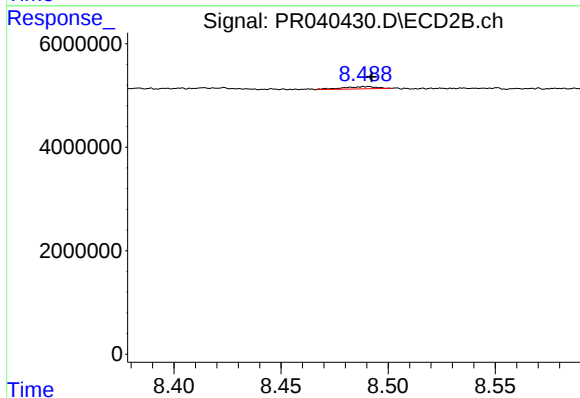
R.T.: 8.489 min
Delta R.T.: -0.005 min
Response: 466284
Conc: 0.45 ng/ml



#37 AR-1262-2

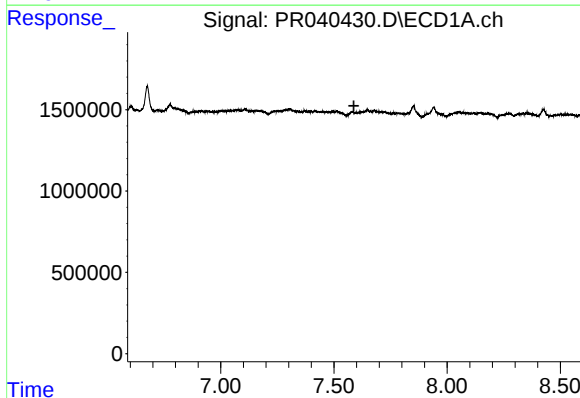
R.T.: 0.000 min
Exp R.T.: 7.310 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
I.BLK



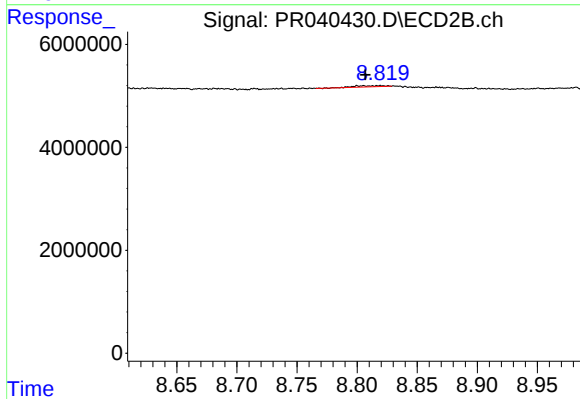
#37 AR-1262-2

R.T.: 8.489 min
Delta R.T.: -0.004 min
Response: 466284
Conc: 0.39 ng/ml



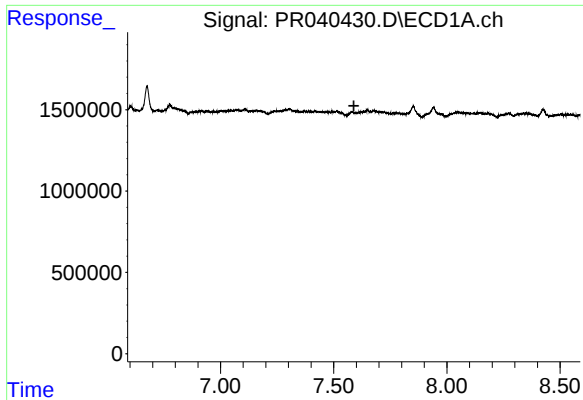
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 7.588 min
Response: 0
Conc: N.D.



#38 AR-1262-3

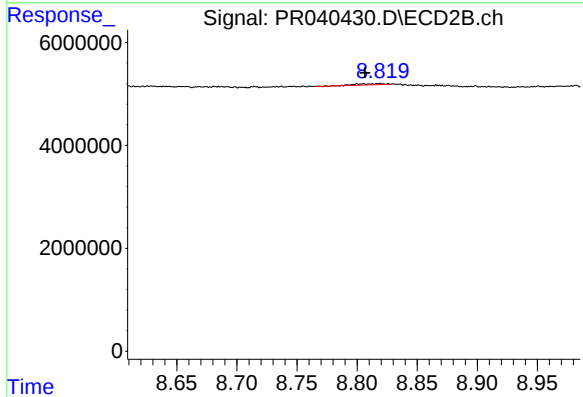
R.T.: 8.800 min
Delta R.T.: -0.007 min
Response: 366435
Conc: 0.45 ng/ml



#41 AR-1268-1

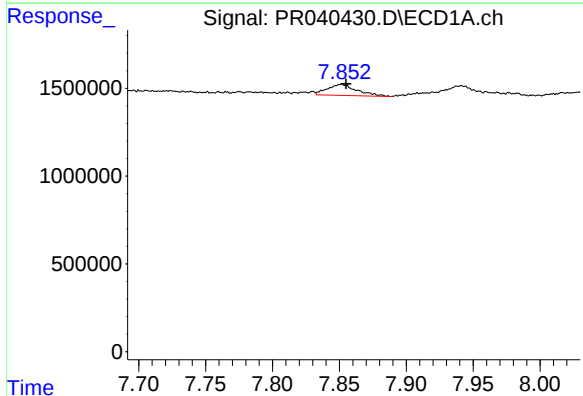
R.T.: 0.000 min
Exp R.T.: 7.589 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
I.BLK



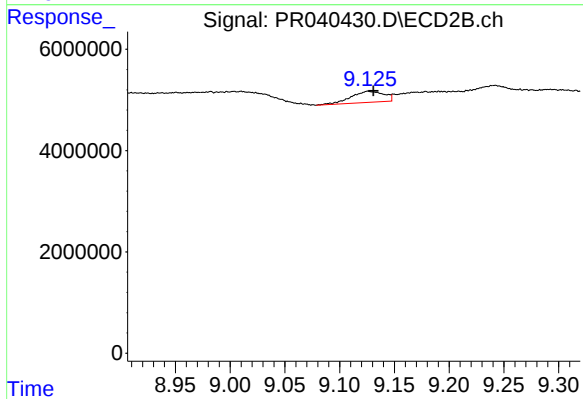
#41 AR-1268-1

R.T.: 8.800 min
Delta R.T.: -0.007 min
Response: 366435
Conc: 0.28 ng/ml



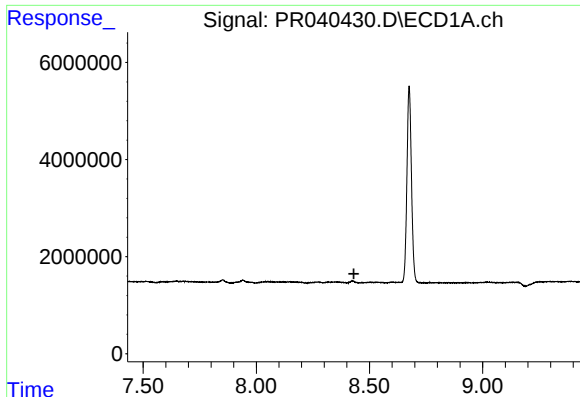
#43 AR-1268-3

R.T.: 7.852 min
Delta R.T.: -0.003 min
Response: 962912
Conc: 3.37 ng/ml



#43 AR-1268-3

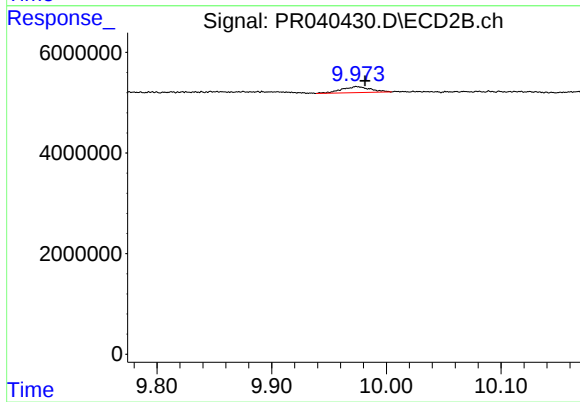
R.T.: 9.126 min
Delta R.T.: -0.005 min
Response: 4566701
Conc: 4.33 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 8.431 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 9.974 min
Delta R.T.: -0.008 min
Response: 2109255
Conc: 0.53 ng/ml