

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110519\
 Data File : PR042817.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2019 15:30
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1254393

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:36:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 02 01:05:46 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...	4.711	3.973	103.1E6	373.7E6	18.364	19.342
2)	SA Decachlor...	10.623	9.069	117.6E6	337.9E6	32.659	30.044
Target Compounds							
3)	L1 AR-1016-1	0.000	5.066	0	7193954	N.D.	12.122 #
4)	L1 AR-1016-2	0.000	5.084	0	6274554	N.D.	7.831 #
5)	L1 AR-1016-3	0.000	5.266	0	4372653	N.D.	11.516 #
6)	L1 AR-1016-4	0.000	5.303	0	118.2E6	N.D.	420.685 #
7)	L1 AR-1016-5	6.367	5.520	23277166	70765475	180.273	223.160
9)	L2 AR-1221-2	0.000	4.277	0	5073589	N.D.	37.820 #
10)	L2 AR-1221-3	0.000	4.346	0	1980648	N.D.	4.343 #
11)	L3 AR-1232-1	0.000	4.346	0	1980648	N.D.	5.018 #
12)	L3 AR-1232-2	0.000	5.084	0	6274554	N.D.	17.025 #
13)	L3 AR-1232-3	0.000	5.266	0	4372653	N.D.	25.304 #
14)	L3 AR-1232-4	0.000	5.345	0	35825140	N.D.	268.092 #
15)	L3 AR-1232-5	6.160	5.520	40926282	70765475	954.126	519.286 #
16)	L4 AR-1242-1	0.000	5.066	0	7193954	N.D.	15.708 #
17)	L4 AR-1242-2	0.000	5.084	0	6274554	N.D.	10.246 #
18)	L4 AR-1242-3	0.000	5.266	0	4372653	N.D.	14.973 #
19)	L4 AR-1242-4	0.000	5.345	0	35825140	N.D.	142.131 #
20)	L4 AR-1242-5	6.814	5.873	21736278	274.2E6	201.070	922.591 #
21)	L5 AR-1248-1	0.000	5.066	0	7193954	N.D.	19.320 #
22)	L5 AR-1248-2	6.160	5.303	40926282	118.2E6	260.627	307.686
23)	L5 AR-1248-3	6.367	5.345	23277166	35825140	133.092	94.743 #
24)	L5 AR-1248-4	6.771	5.520	35408636	70765475	178.663	169.887
25)	L5 AR-1248-5	6.814	5.915	21736278	41081345	116.490	93.247
26)	L6 AR-1254-1	6.745	5.873	74964313	274.2E6	389.700	439.095
27)	L6 AR-1254-2	6.962	6.020	115.1E6	249.8E6	390.124	444.660
28)	L6 AR-1254-3	7.332	6.426	120.7E6	405.9E6	391.605	415.611
29)	L6 AR-1254-4	7.617	6.654	85662105	281.7E6	379.197	394.210
30)	L6 AR-1254-5	8.037	7.074	84937632	330.9E6	363.643	400.168
31)	L7 AR-1260-1	7.494	6.556	44904093	191.8E6	200.063	292.906 #
32)	L7 AR-1260-2	7.749	6.743	48585034	165.2E6	183.150	180.871
33)	L7 AR-1260-3	8.067f	6.898	8407993	147.6E6	42.403	192.481 #
34)	L7 AR-1260-4	8.341	7.371	33088805	13613639	144.746	21.516 #
35)	L7 AR-1260-5	8.686	7.610	13561910	34110246	29.610	19.309 #
36)	L8 AR-1262-1	0.000	7.074	0	330.9E6	N.D.	702.260 #
37)	L8 AR-1262-2	8.686	7.610	13561910	34110246	26.035	17.691 #
38)	L8 AR-1262-3	9.039	7.959f	8565875	32258885	25.739	43.493 #
39)	L8 AR-1262-4	0.000	7.959	0	32258885	N.D.	24.991 #
40)	L8 AR-1262-5	0.000	8.474	0	7566643	N.D.	12.815 #
41)	L9 AR-1268-1	9.039	7.959f	8565875	32258885	14.649	14.560
42)	L9 AR-1268-2	0.000	7.959	0	32258885	N.D.	16.521 #

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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	8.217f	0	1738081	N.D.	1.048 #
44) L9	AR-1268-4	0.000	8.474	0	7566643	N.D.	11.409 #
45) L9	AR-1268-5	0.000	8.790	0	2894539	N.D.	0.615 #

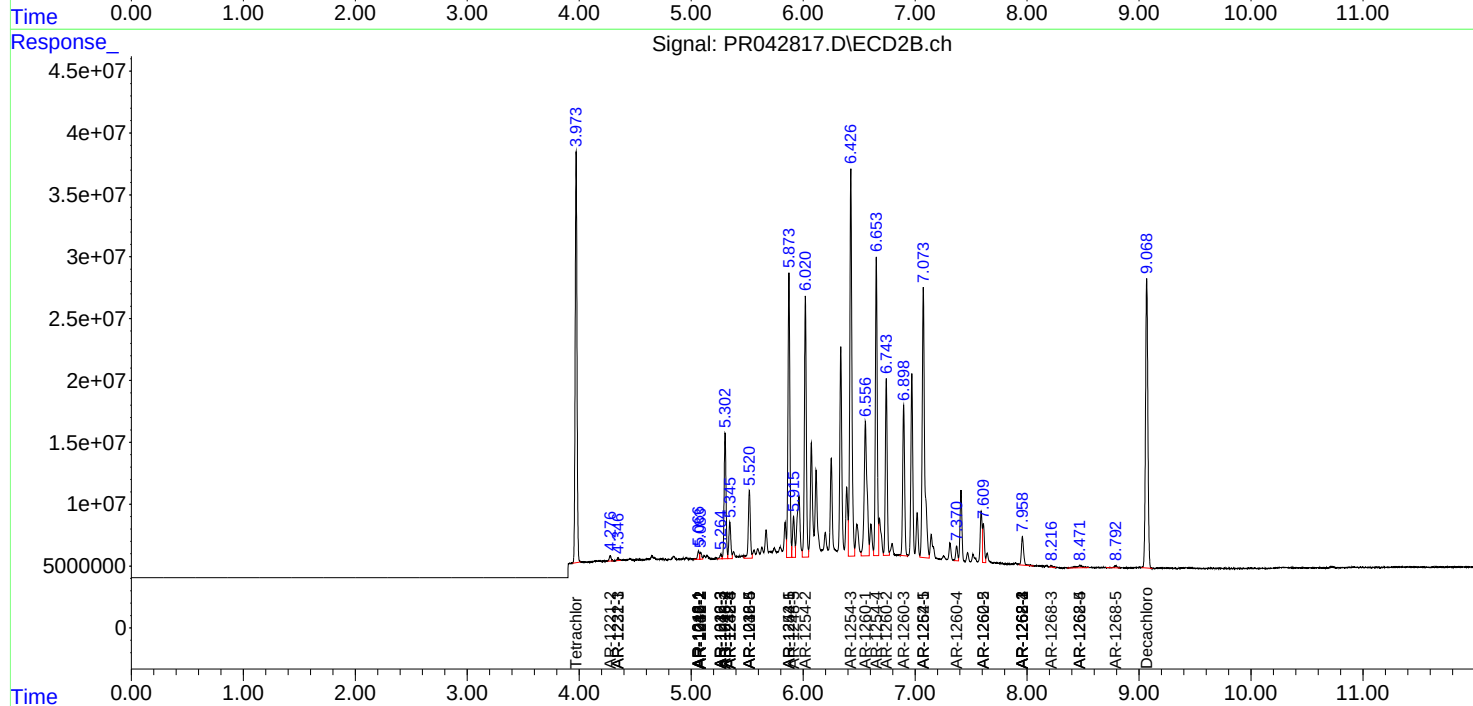
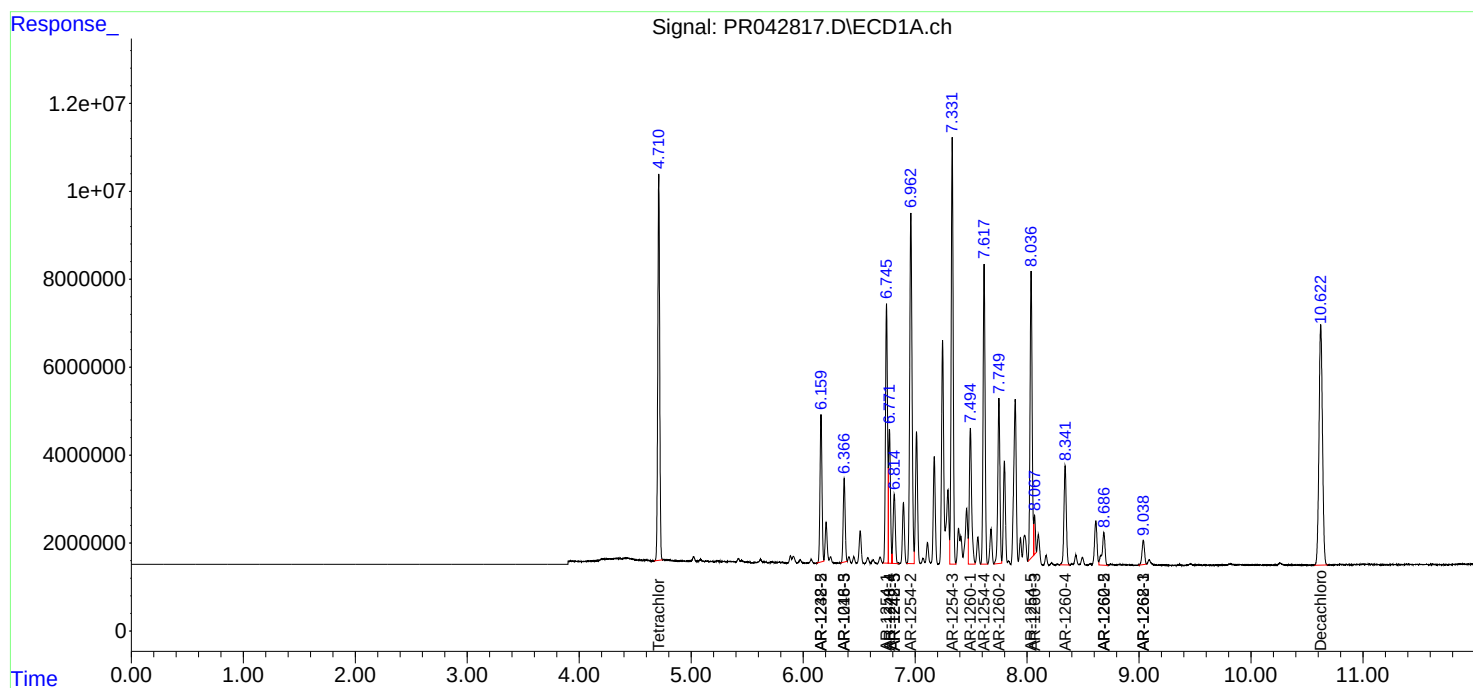
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

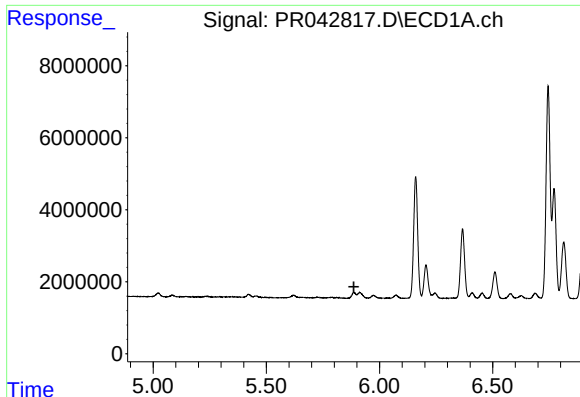
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

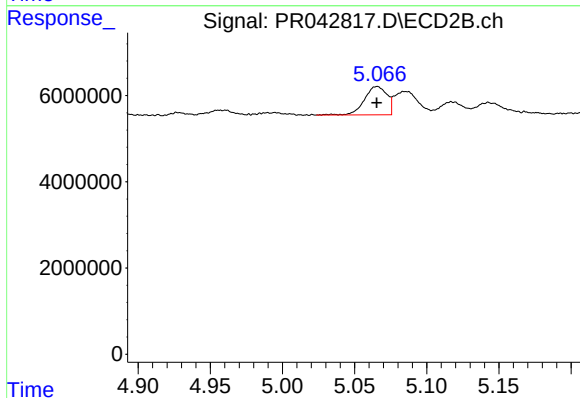




#3 AR-1016-1

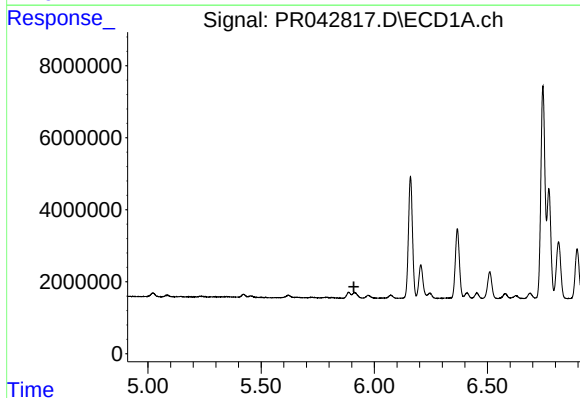
R.T.: 0.000 min
Exp R.T.: 5.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254393



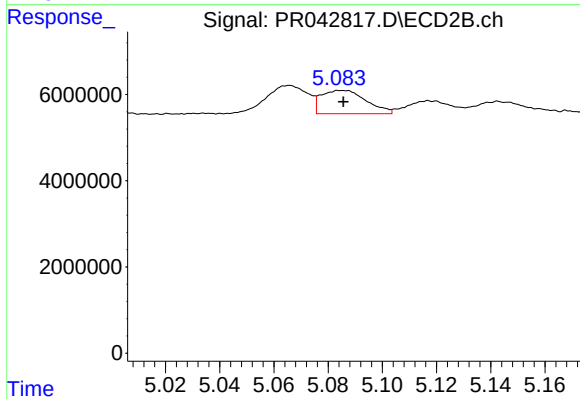
#3 AR-1016-1

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 7193954
Conc: 12.12 ng/ml



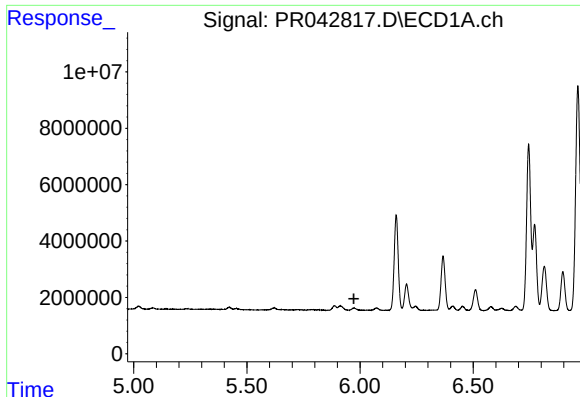
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.910 min
Response: 0
Conc: N.D.



#4 AR-1016-2

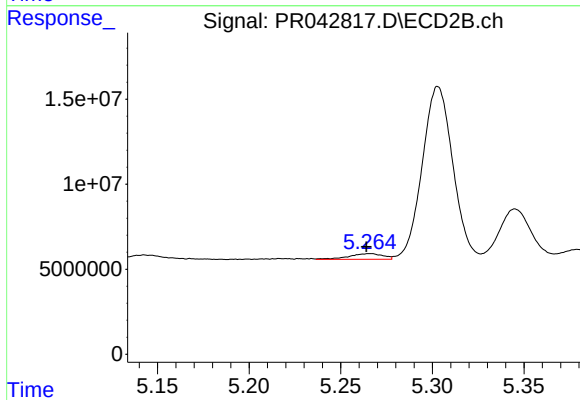
R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 6274554
Conc: 7.83 ng/ml



#5 AR-1016-3

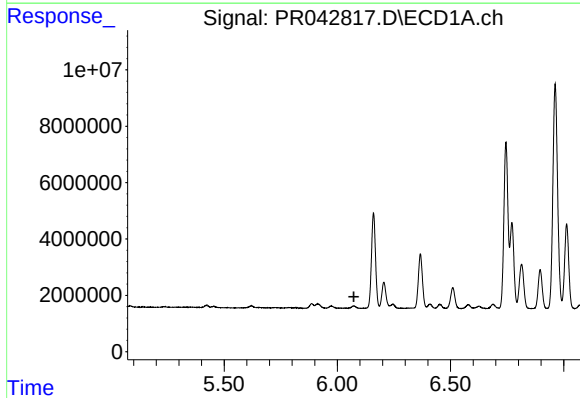
R.T.: 0.000 min
Exp R.T.: 5.973 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254393



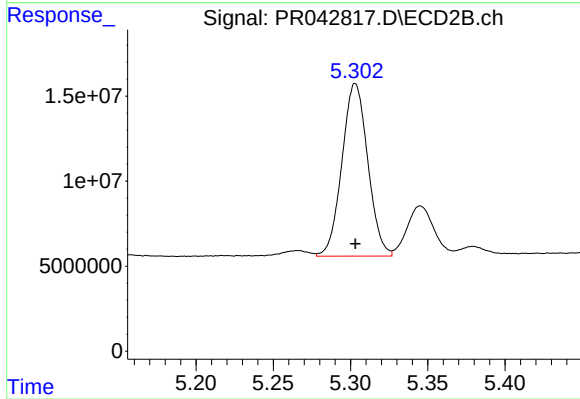
#5 AR-1016-3

R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 4372653
Conc: 11.52 ng/ml



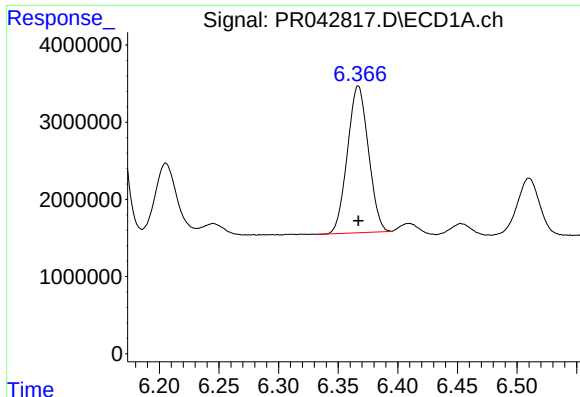
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.073 min
Response: 0
Conc: N.D.



#6 AR-1016-4

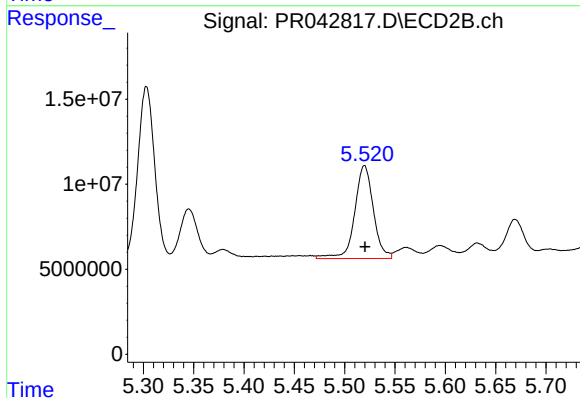
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 118243081
Conc: 420.68 ng/ml



#7 AR-1016-5

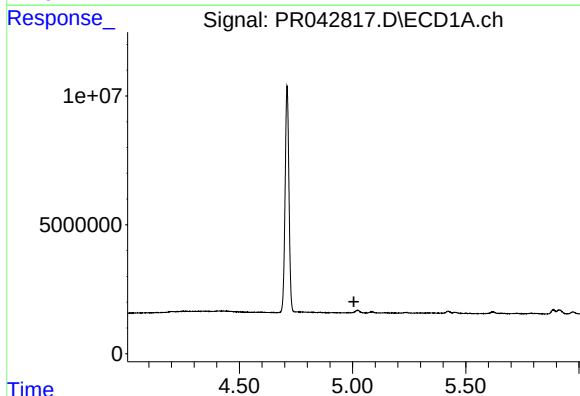
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 23277166
Conc: 180.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



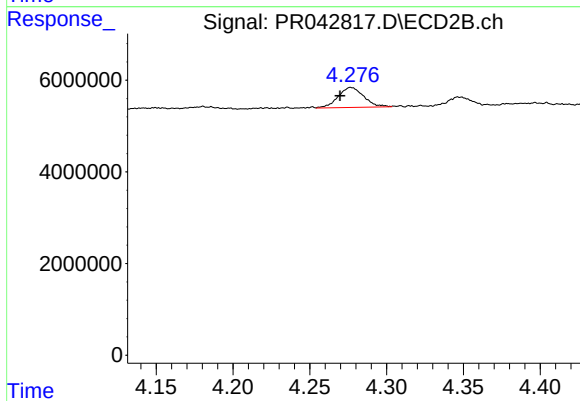
#7 AR-1016-5

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 70765475
Conc: 223.16 ng/ml



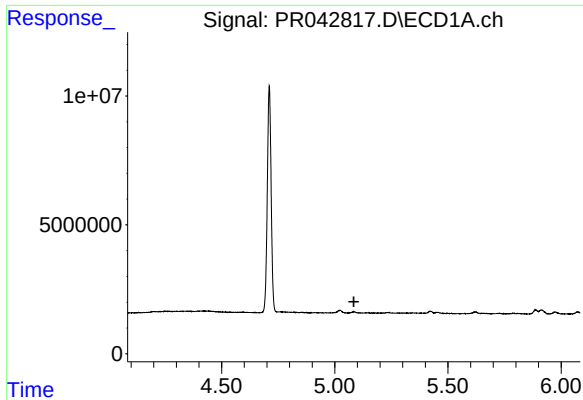
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.006 min
Response: 0
Conc: N.D.



#9 AR-1221-2

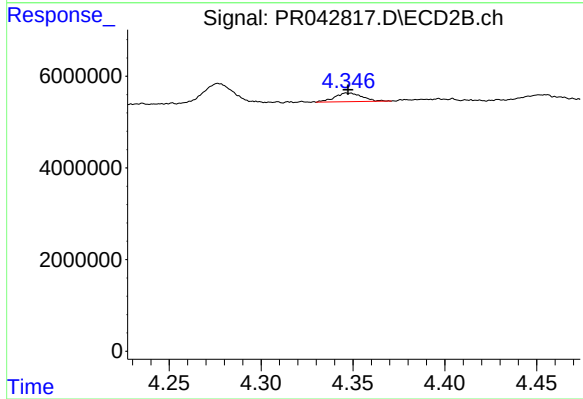
R.T.: 4.277 min
Delta R.T.: 0.007 min
Response: 5073589
Conc: 37.82 ng/ml



#10 AR-1221-3

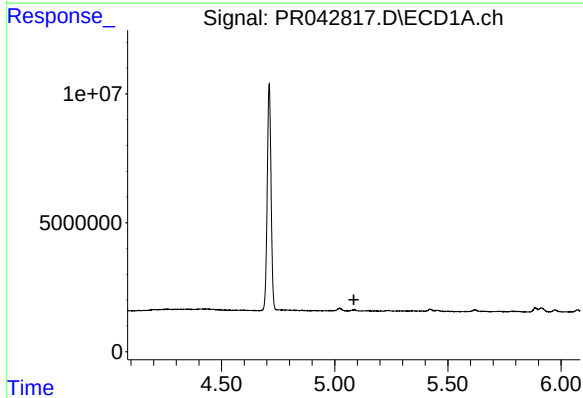
R.T.: 0.000 min
Exp R.T.: 5.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254393



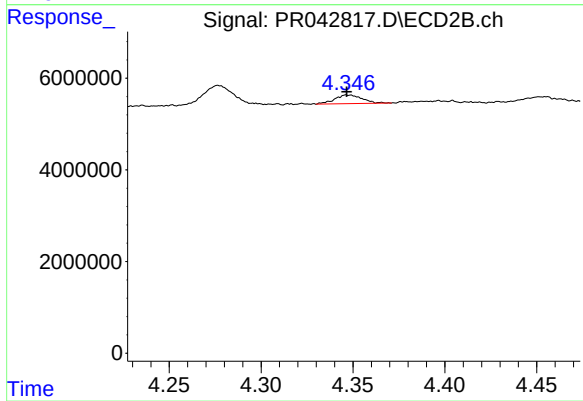
#10 AR-1221-3

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 1980648
Conc: 4.34 ng/ml



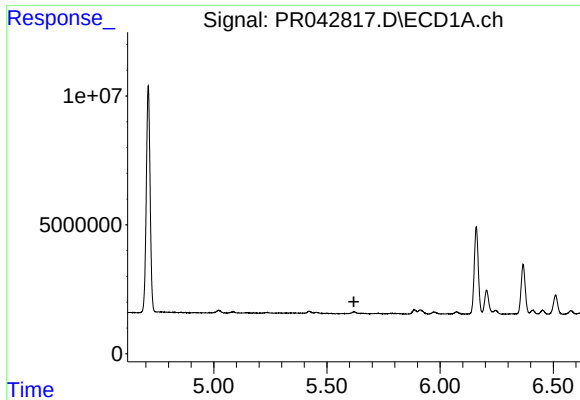
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.085 min
Response: 0
Conc: N.D.



#11 AR-1232-1

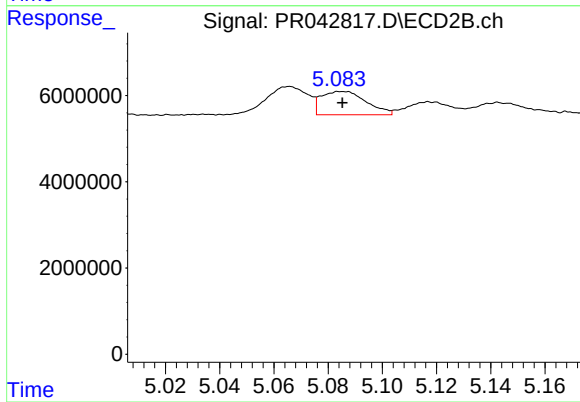
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 1980648
Conc: 5.02 ng/ml



#12 AR-1232-2

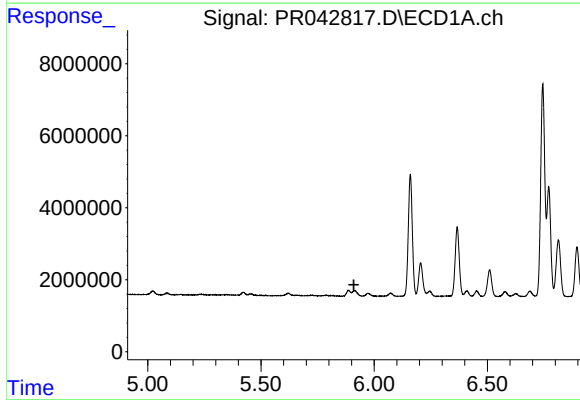
R.T.: 0.000 min
Exp R.T.: 5.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254393



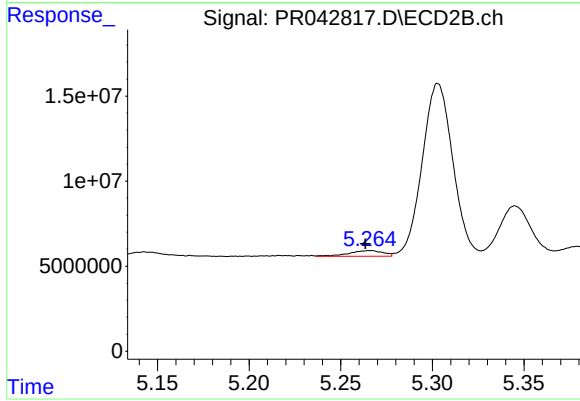
#12 AR-1232-2

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 6274554
Conc: 17.02 ng/ml



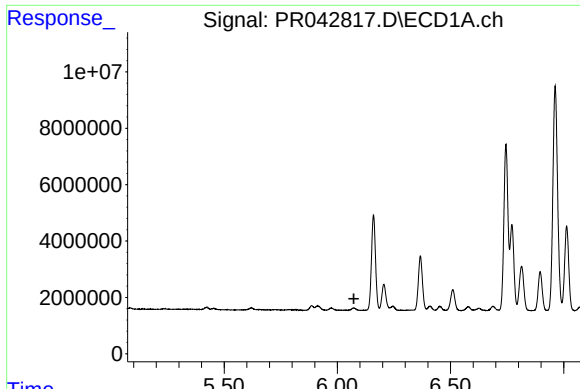
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.910 min
Response: 0
Conc: N.D.



#13 AR-1232-3

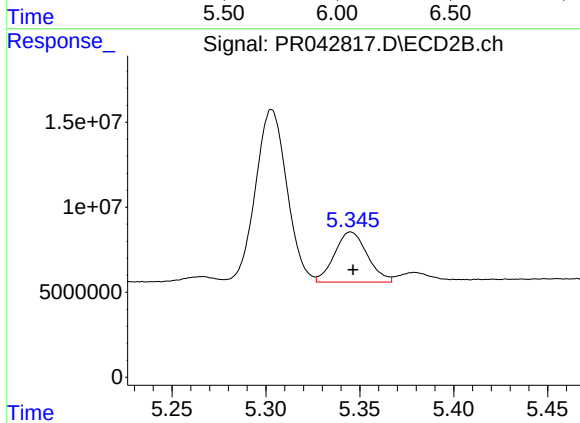
R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 4372653
Conc: 25.30 ng/ml



#14 AR-1232-4

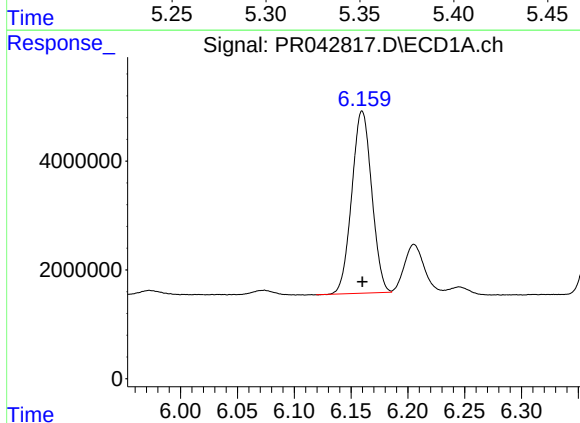
R.T.: 0.000 min
Exp R.T.: 6.073 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254393



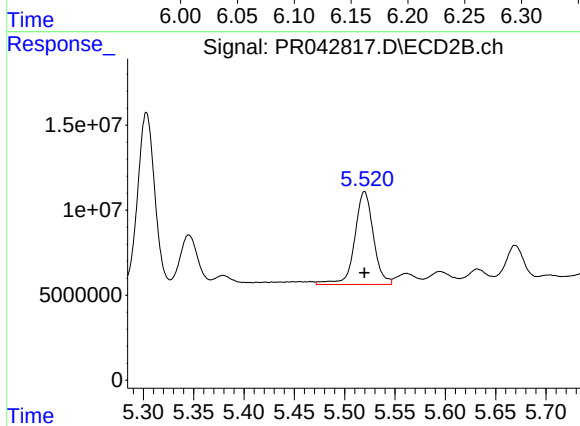
#14 AR-1232-4

R.T.: 5.345 min
Delta R.T.: -0.001 min
Response: 35825140
Conc: 268.09 ng/ml



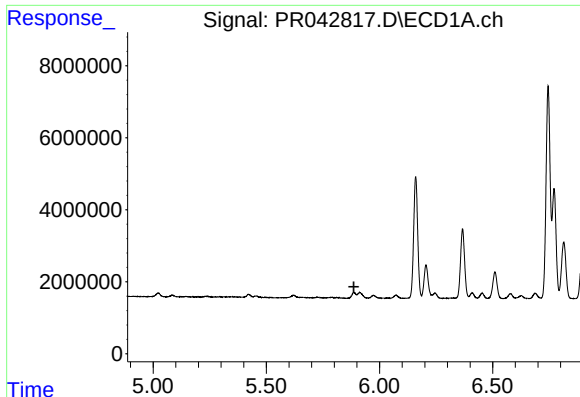
#15 AR-1232-5

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 40926282
Conc: 954.13 ng/ml



#15 AR-1232-5

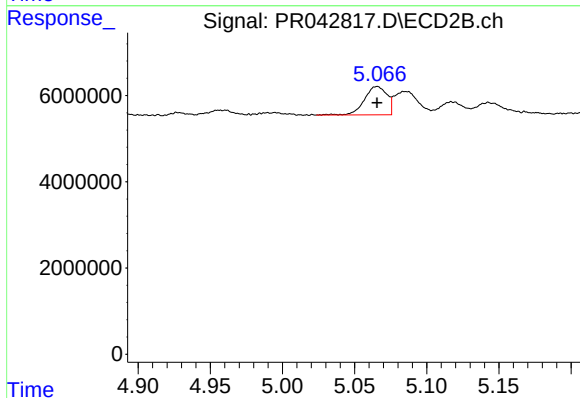
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 70765475
Conc: 519.29 ng/ml



#16 AR-1242-1

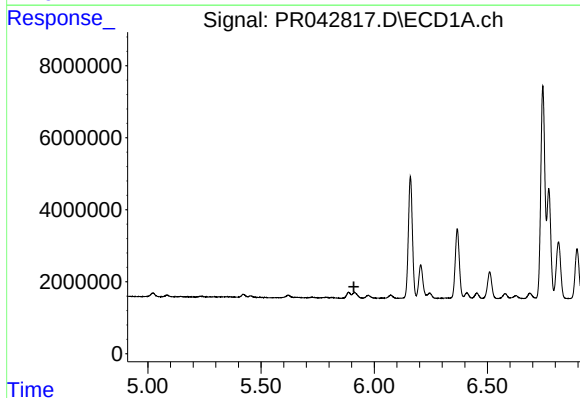
R.T.: 0.000 min
Exp R.T.: 5.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254393



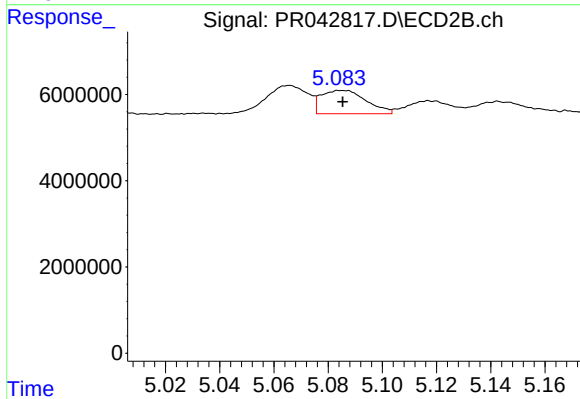
#16 AR-1242-1

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 7193954
Conc: 15.71 ng/ml



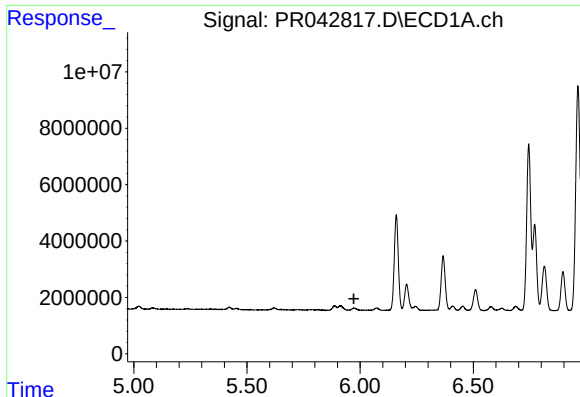
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.910 min
Response: 0
Conc: N.D.



#17 AR-1242-2

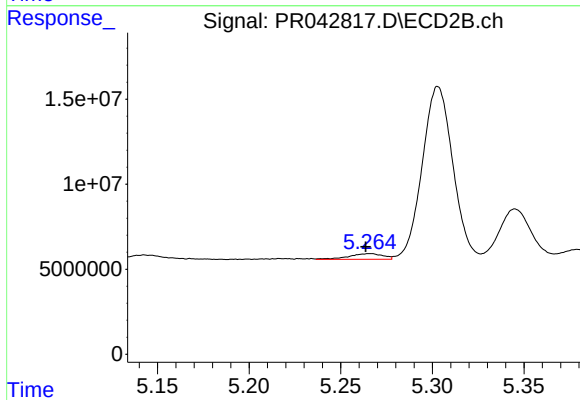
R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 6274554
Conc: 10.25 ng/ml



#18 AR-1242-3

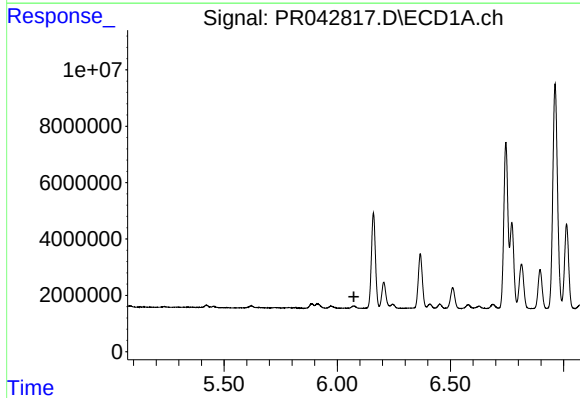
R.T.: 0.000 min
Exp R.T.: 5.973 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254393



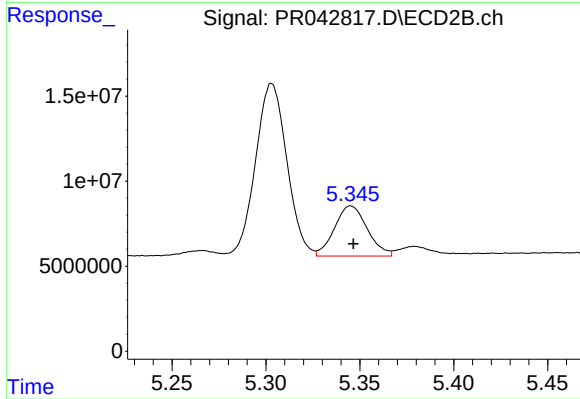
#18 AR-1242-3

R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 4372653
Conc: 14.97 ng/ml



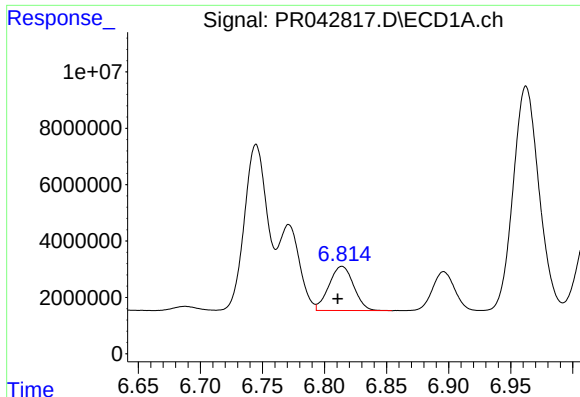
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.



#19 AR-1242-4

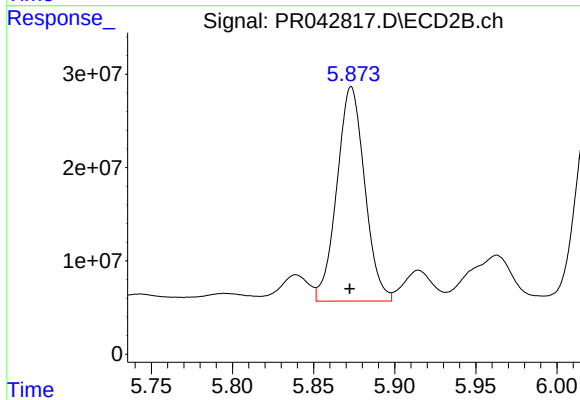
R.T.: 5.345 min
Delta R.T.: -0.001 min
Response: 35825140
Conc: 142.13 ng/ml



#20 AR-1242-5

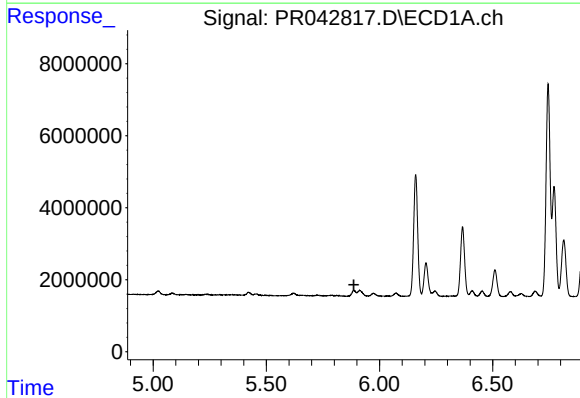
R.T.: 6.814 min
Delta R.T.: 0.003 min
Response: 21736278
Conc: 201.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



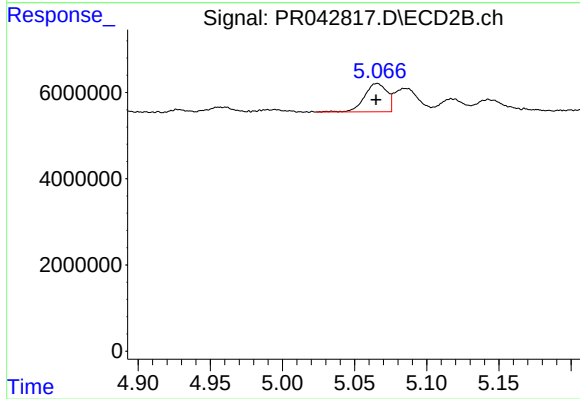
#20 AR-1242-5

R.T.: 5.873 min
Delta R.T.: 0.001 min
Response: 274153528
Conc: 922.59 ng/ml



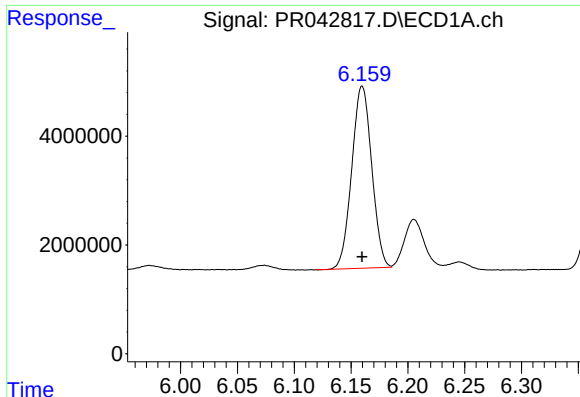
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.887 min
Response: 0
Conc: N.D.



#21 AR-1248-1

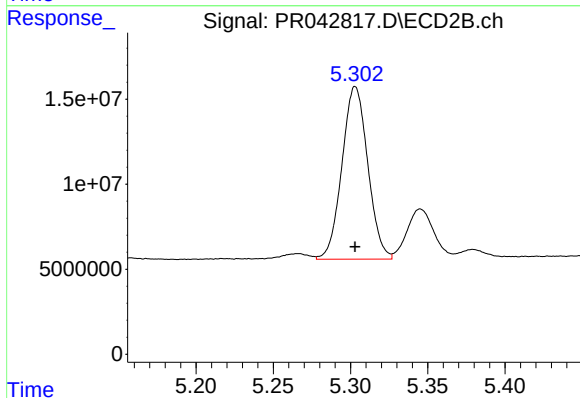
R.T.: 5.066 min
Delta R.T.: 0.001 min
Response: 7193954
Conc: 19.32 ng/ml



#22 AR-1248-2

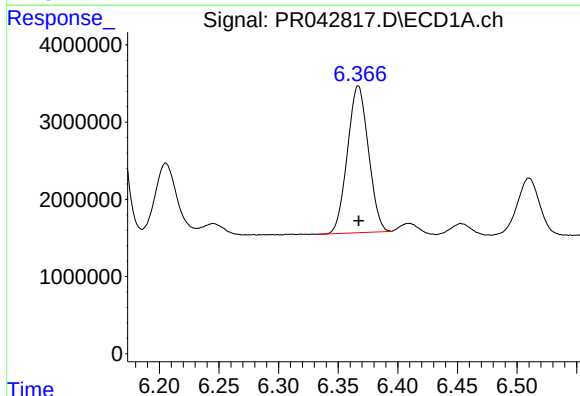
R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 40926282
Conc: 260.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



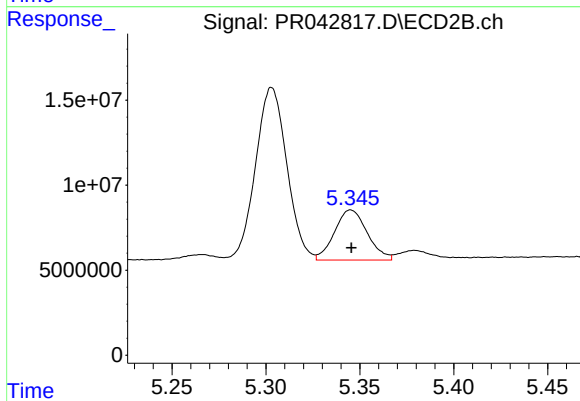
#22 AR-1248-2

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 118243081
Conc: 307.69 ng/ml



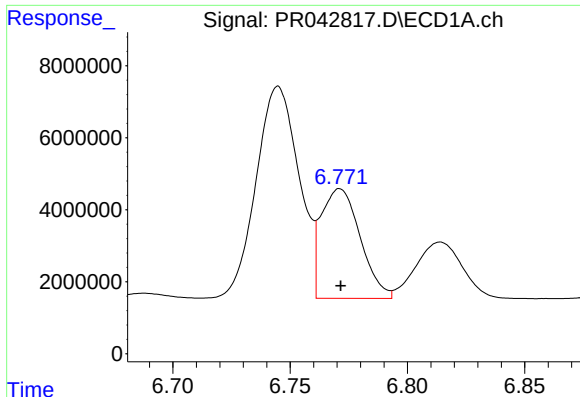
#23 AR-1248-3

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 23277166
Conc: 133.09 ng/ml



#23 AR-1248-3

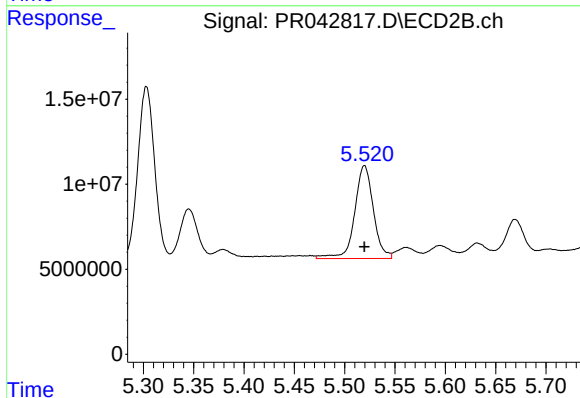
R.T.: 5.345 min
Delta R.T.: 0.000 min
Response: 35825140
Conc: 94.74 ng/ml



#24 AR-1248-4

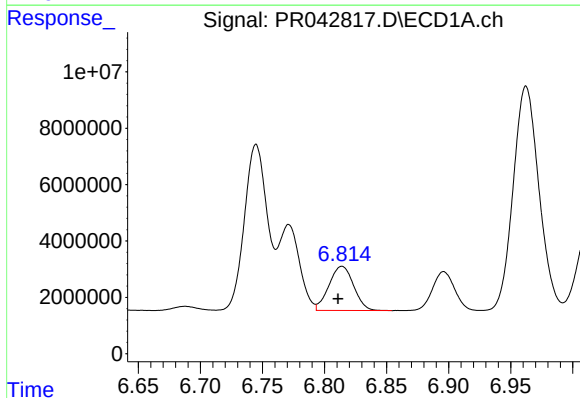
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 35408636
Conc: 178.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



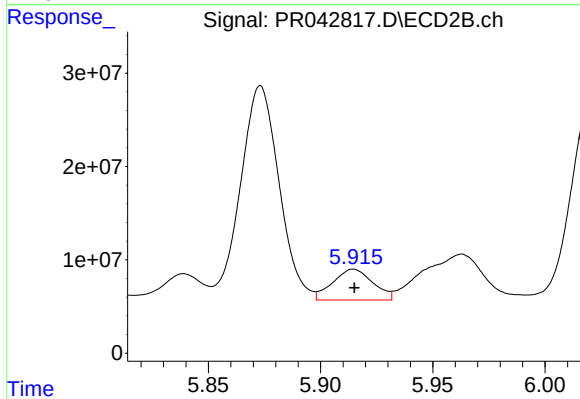
#24 AR-1248-4

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 70765475
Conc: 169.89 ng/ml



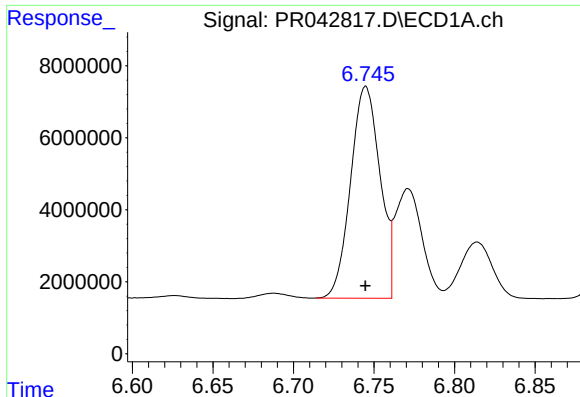
#25 AR-1248-5

R.T.: 6.814 min
Delta R.T.: 0.003 min
Response: 21736278
Conc: 116.49 ng/ml



#25 AR-1248-5

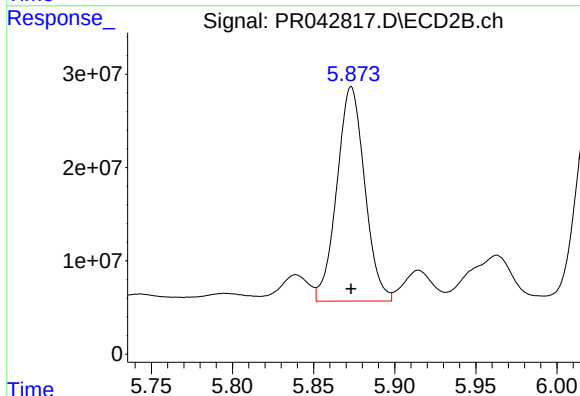
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 41081345
Conc: 93.25 ng/ml



#26 AR-1254-1

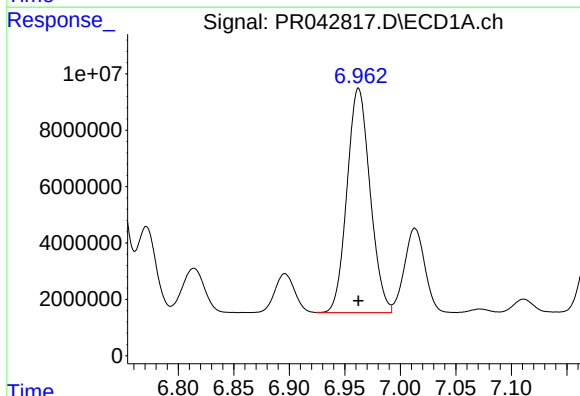
R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 74964313
Conc: 389.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



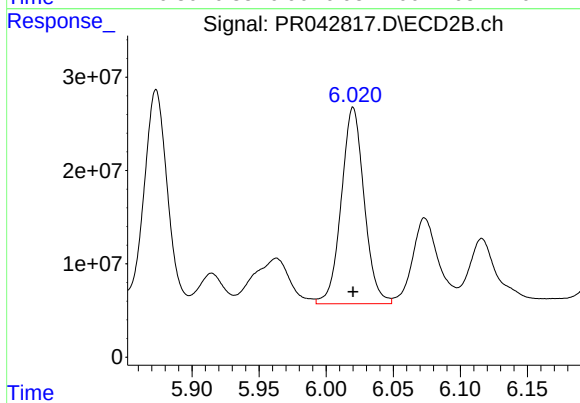
#26 AR-1254-1

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 274153528
Conc: 439.10 ng/ml



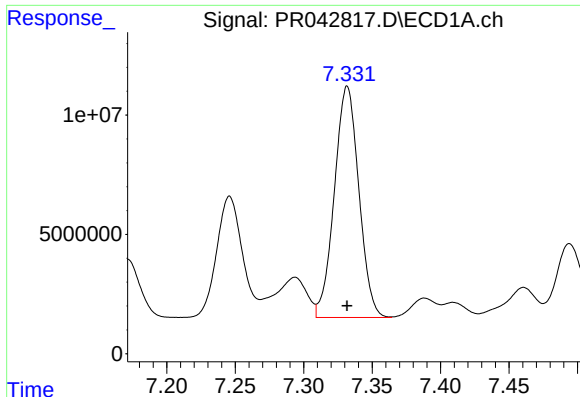
#27 AR-1254-2

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 115056434
Conc: 390.12 ng/ml



#27 AR-1254-2

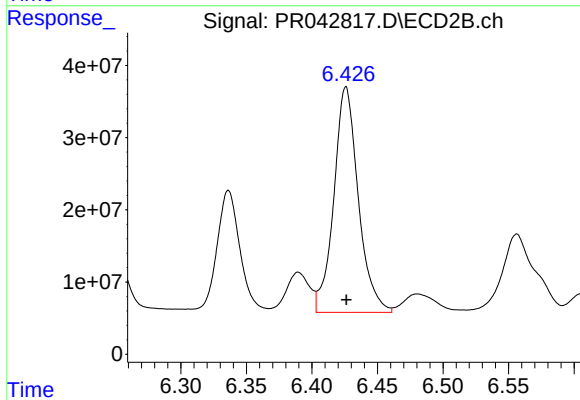
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 249771646
Conc: 444.66 ng/ml



#28 AR-1254-3

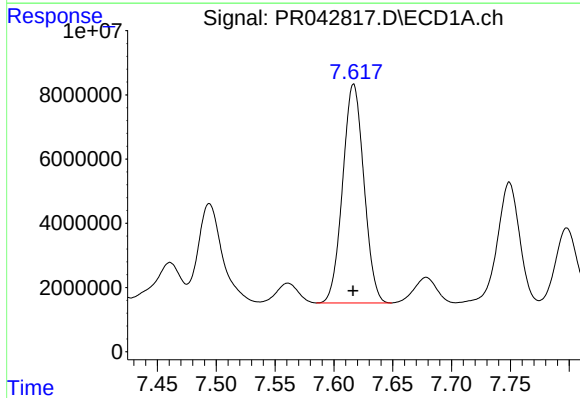
R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 120686595
Conc: 391.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



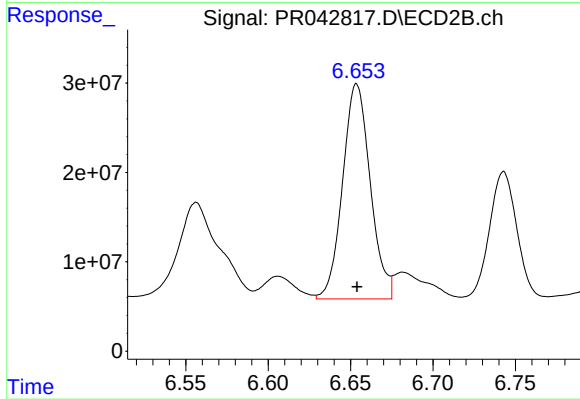
#28 AR-1254-3

R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 405897280
Conc: 415.61 ng/ml



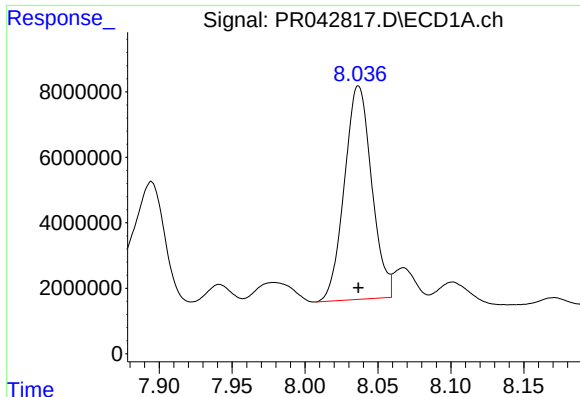
#29 AR-1254-4

R.T.: 7.617 min
Delta R.T.: 0.000 min
Response: 85662105
Conc: 379.20 ng/ml



#29 AR-1254-4

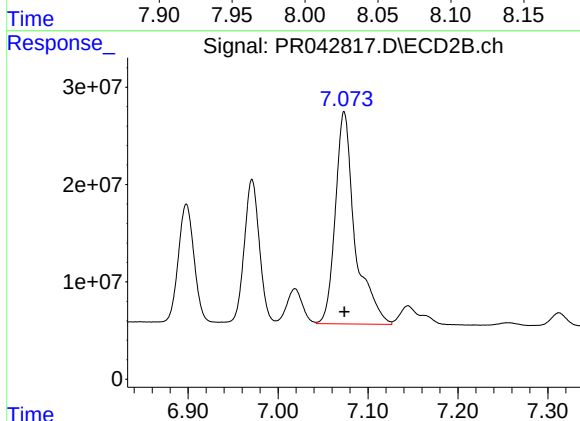
R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 281708487
Conc: 394.21 ng/ml



#30 AR-1254-5

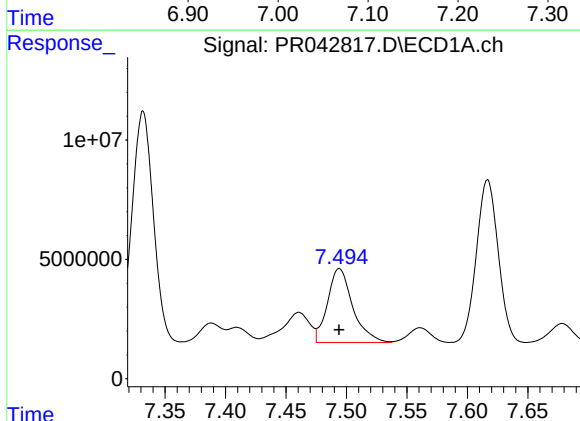
R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 84937632
Conc: 363.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



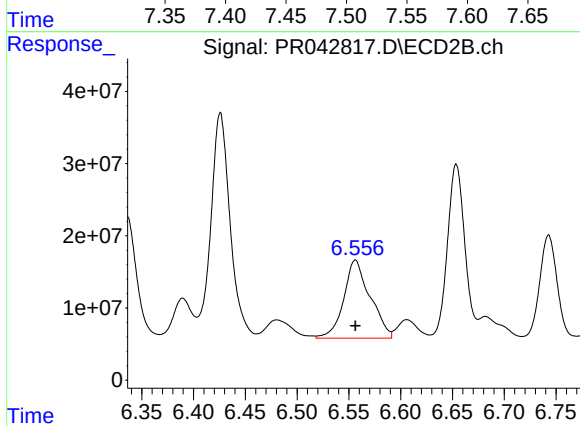
#30 AR-1254-5

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 330897412
Conc: 400.17 ng/ml



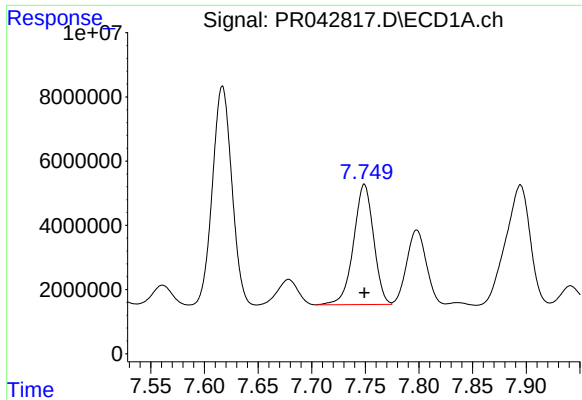
#31 AR-1260-1

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 44904093
Conc: 200.06 ng/ml



#31 AR-1260-1

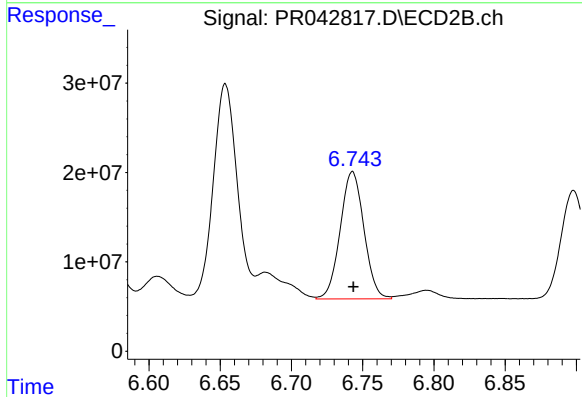
R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 191842624
Conc: 292.91 ng/ml



#32 AR-1260-2

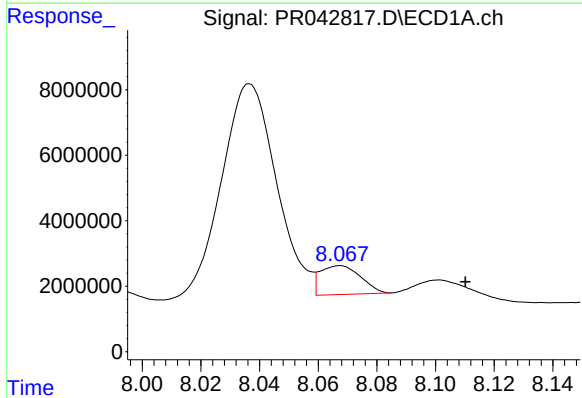
R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 48585034
Conc: 183.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



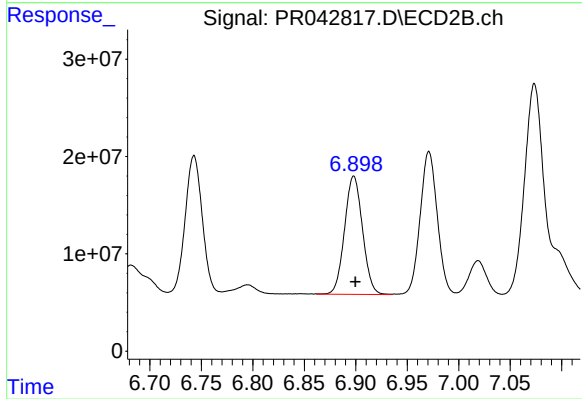
#32 AR-1260-2

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 165167295
Conc: 180.87 ng/ml



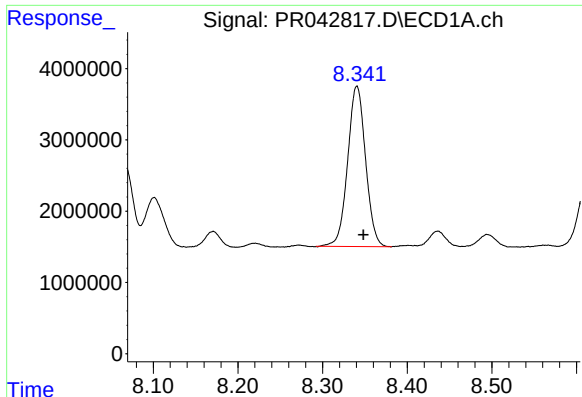
#33 AR-1260-3

R.T.: 8.067 min
Delta R.T.: -0.043 min
Response: 8407993
Conc: 42.40 ng/ml



#33 AR-1260-3

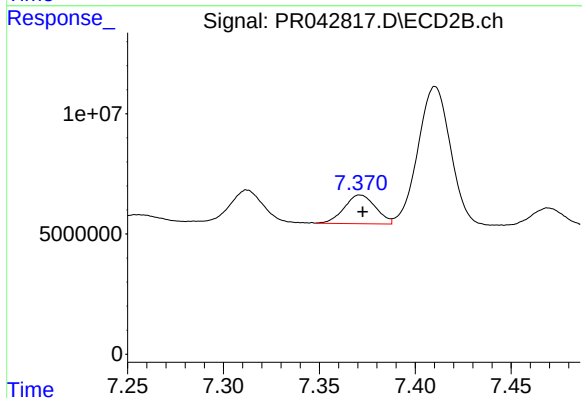
R.T.: 6.898 min
Delta R.T.: -0.001 min
Response: 147609353
Conc: 192.48 ng/ml



#34 AR-1260-4

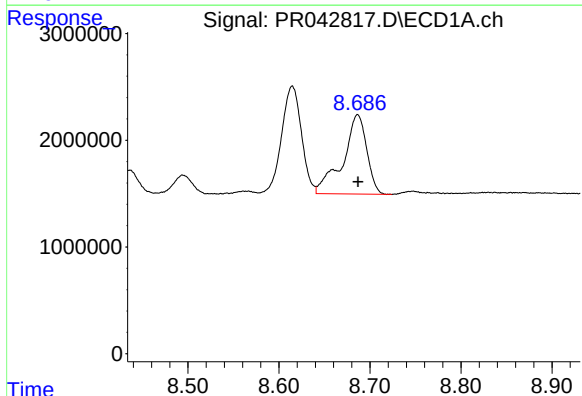
R.T.: 8.341 min
Delta R.T.: -0.008 min
Response: 33088805
Conc: 144.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



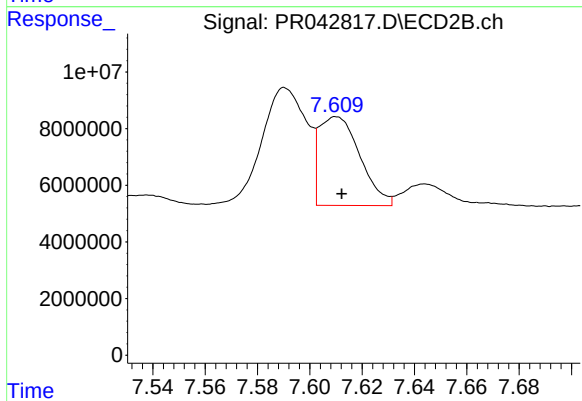
#34 AR-1260-4

R.T.: 7.371 min
Delta R.T.: -0.001 min
Response: 13613639
Conc: 21.52 ng/ml



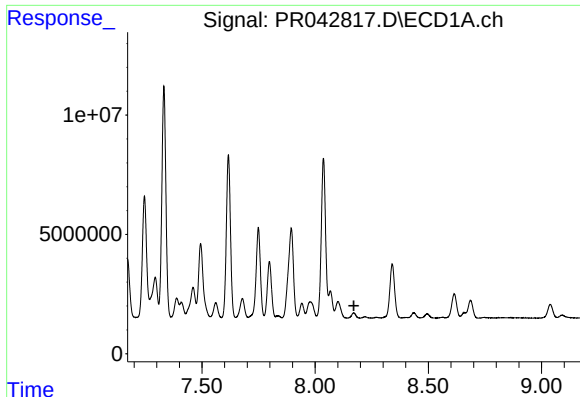
#35 AR-1260-5

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 13561910
Conc: 29.61 ng/ml



#35 AR-1260-5

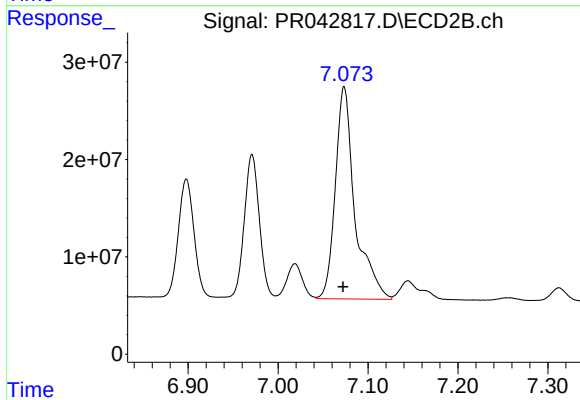
R.T.: 7.610 min
Delta R.T.: -0.002 min
Response: 34110246
Conc: 19.31 ng/ml



#36 AR-1262-1

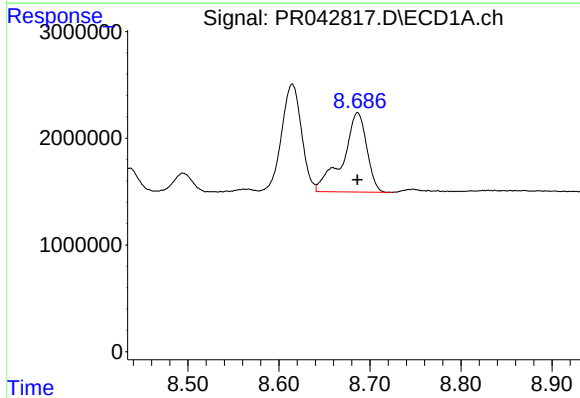
R.T.: 0.000 min
Exp R.T.: 8.171 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254393



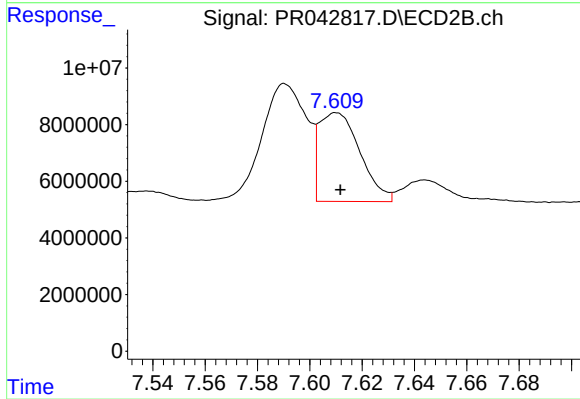
#36 AR-1262-1

R.T.: 7.074 min
Delta R.T.: 0.001 min
Response: 330897412
Conc: 702.26 ng/ml



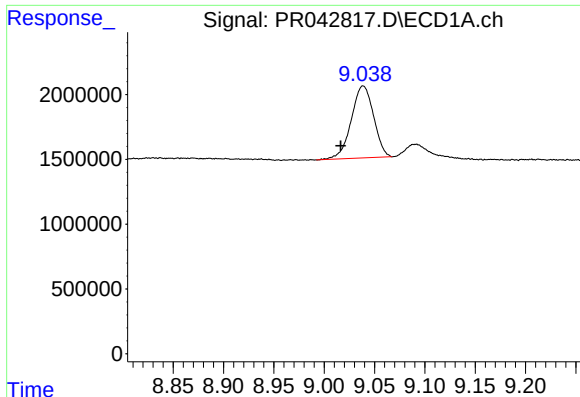
#37 AR-1262-2

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 13561910
Conc: 26.04 ng/ml



#37 AR-1262-2

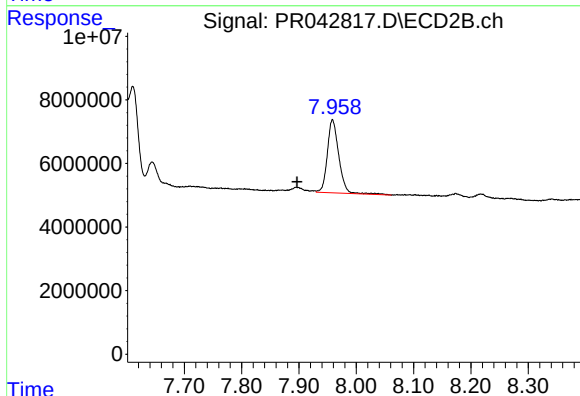
R.T.: 7.610 min
Delta R.T.: -0.002 min
Response: 34110246
Conc: 17.69 ng/ml



#38 AR-1262-3

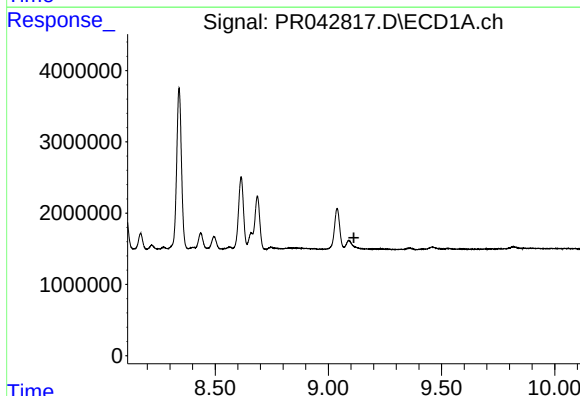
R.T.: 9.039 min
Delta R.T.: 0.022 min
Response: 8565875
Conc: 25.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254393



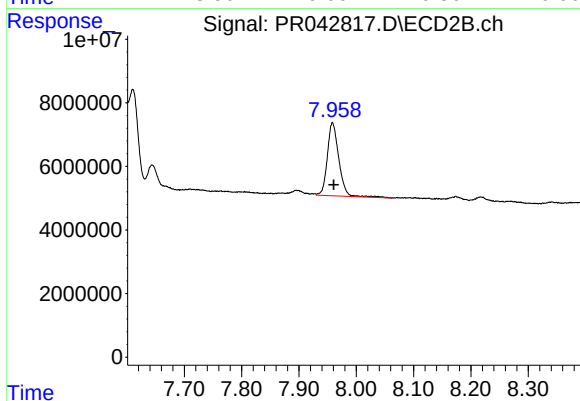
#38 AR-1262-3

R.T.: 7.959 min
Delta R.T.: 0.062 min
Response: 32258885
Conc: 43.49 ng/ml



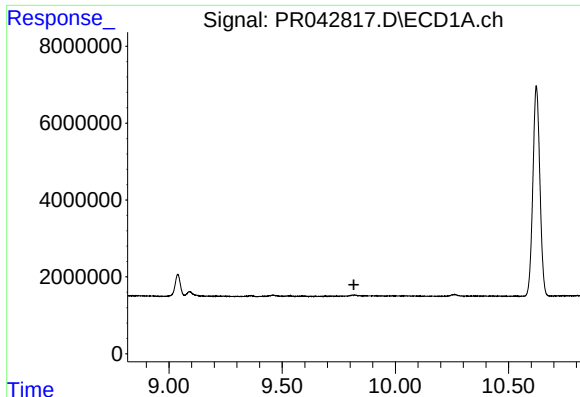
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.113 min
Response: 0
Conc: N.D.



#39 AR-1262-4

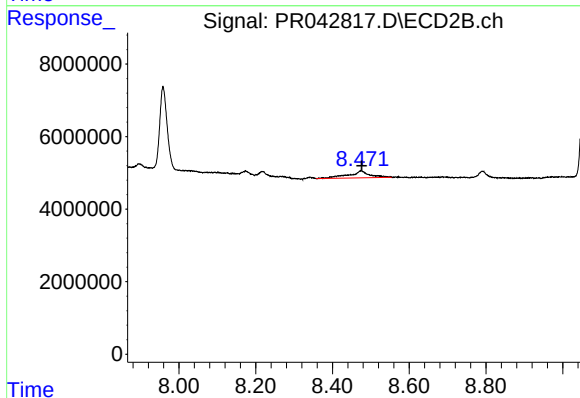
R.T.: 7.959 min
Delta R.T.: -0.003 min
Response: 32258885
Conc: 24.99 ng/ml



#40 AR-1262-5

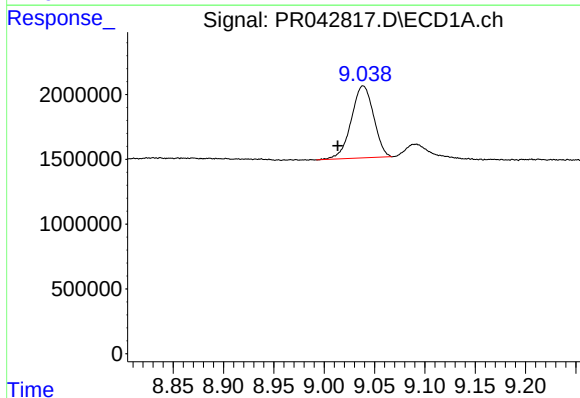
R.T.: 0.000 min
Exp R.T.: 9.817 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254393



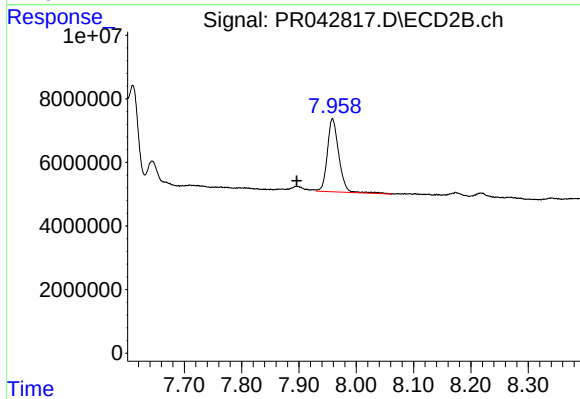
#40 AR-1262-5

R.T.: 8.474 min
Delta R.T.: -0.003 min
Response: 7566643
Conc: 12.81 ng/ml



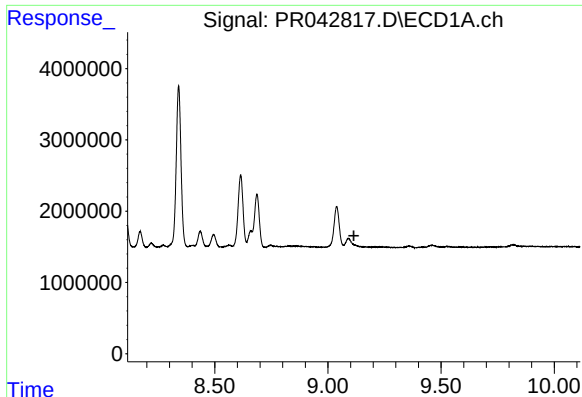
#41 AR-1268-1

R.T.: 9.039 min
Delta R.T.: 0.025 min
Response: 8565875
Conc: 14.65 ng/ml



#41 AR-1268-1

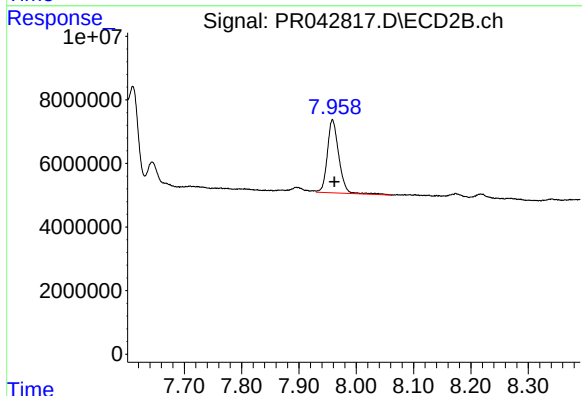
R.T.: 7.959 min
Delta R.T.: 0.062 min
Response: 32258885
Conc: 14.56 ng/ml



#42 AR-1268-2

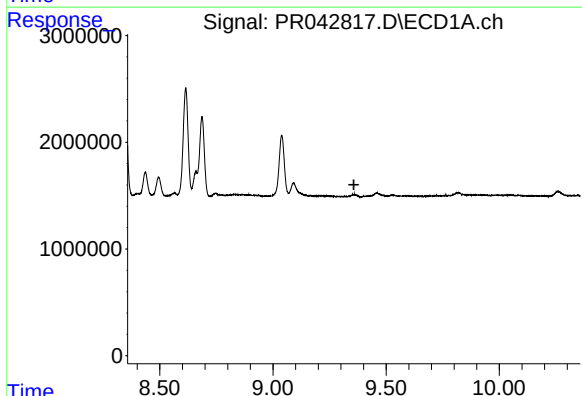
R.T.: 0.000 min
Exp R.T.: 9.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254393



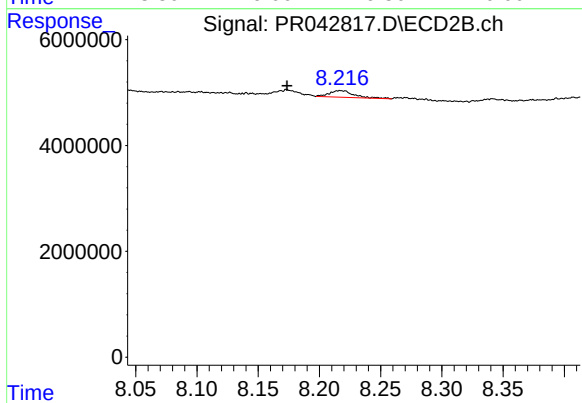
#42 AR-1268-2

R.T.: 7.959 min
Delta R.T.: -0.003 min
Response: 32258885
Conc: 16.52 ng/ml



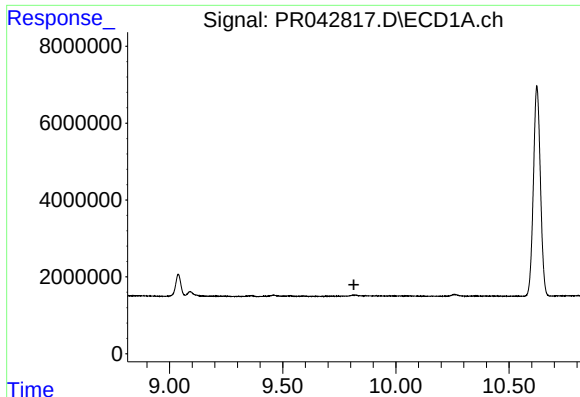
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.357 min
Response: 0
Conc: N.D.



#43 AR-1268-3

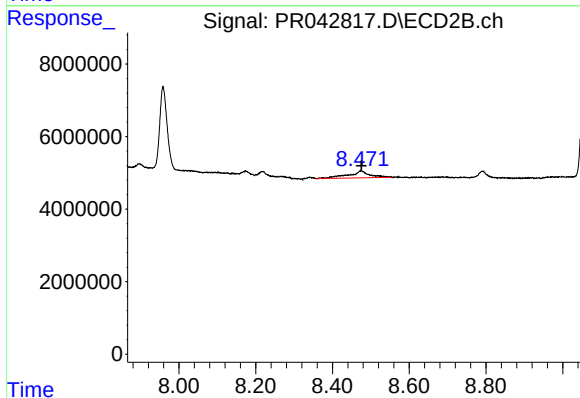
R.T.: 8.217 min
Delta R.T.: 0.043 min
Response: 1738081
Conc: 1.05 ng/ml



#44 AR-1268-4

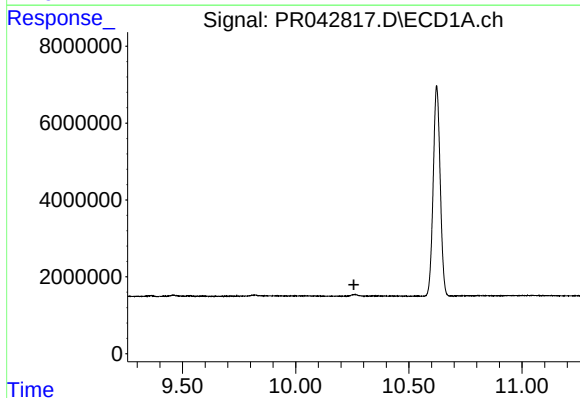
R.T.: 0.000 min
Exp R.T.: 9.815 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254393



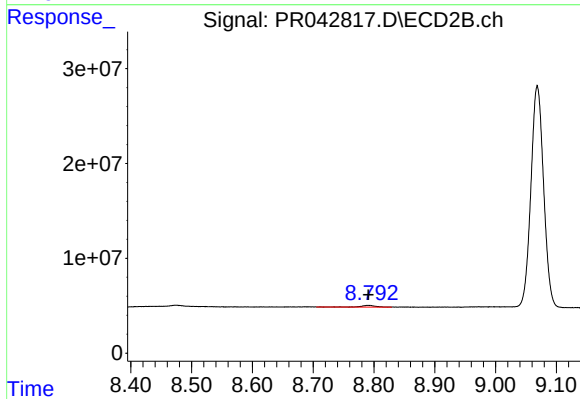
#44 AR-1268-4

R.T.: 8.474 min
Delta R.T.: -0.002 min
Response: 7566643
Conc: 11.41 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.257 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.790 min
Delta R.T.: 0.000 min
Response: 2894539
Conc: 0.61 ng/ml