

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR120818\
 Data File : PR034378.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Dec 2018 18:47
 Operator : SM\SJ
 Sample : J6254-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 00:09:44 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120718.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 07 02:02:36 2018
 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...	4.435	3.521	30833470	59526552	17.081	16.167
2)	SA Decachlor...	10.128	8.427	22294324	52382602	11.359	12.803
Target Compounds							
3)	L1 AR-1016-1	0.000	4.589	0	1581009	N.D.	12.166 #
4)	L1 AR-1016-2	0.000	4.589	0	1581009	N.D.	8.003 #
5)	L1 AR-1016-3	0.000	4.816	0	21809740	N.D.	218.397 #
6)	L1 AR-1016-4	0.000	4.816	0	21809740	N.D.	268.577 #
7)	L1 AR-1016-5	6.075	5.024	9224749	16785600	189.578	152.344
8)	L2 AR-1221-1	0.000	3.721	0	1368309	N.D.	44.501 #
10)	L2 AR-1221-3	0.000	3.946	0	18949812	N.D.	241.345 #
11)	L3 AR-1232-1	0.000	3.946	0	18949812	N.D.	297.943 #
12)	L3 AR-1232-2	0.000	4.589	0	1581009	N.D.	20.887 #
13)	L3 AR-1232-3	0.000	4.816	0	21809740	N.D.	572.333 #
14)	L3 AR-1232-4	0.000	4.855	0	12298369	N.D.	356.744 #
15)	L3 AR-1232-5	5.871	5.024	10558043	16785600	779.720	427.419 #
16)	L4 AR-1242-1	0.000	4.589	0	1581009	N.D.	15.485 #
17)	L4 AR-1242-2	0.000	4.589	0	1581009	N.D.	9.909 #
18)	L4 AR-1242-3	0.000	4.816	0	21809740	N.D.	273.058 #
19)	L4 AR-1242-4	0.000	4.855	0	12298369	N.D.	155.624 #
20)	L4 AR-1242-5	6.516	5.370	27023934	147.6E6	588.537	1338.475 #
21)	L5 AR-1248-1	0.000	4.589	0	1581009	N.D.	18.630 #
22)	L5 AR-1248-2	5.871	4.816	10558043	21809740	179.087	190.996
23)	L5 AR-1248-3	6.075	4.855	9224749	12298369	136.660	104.397
24)	L5 AR-1248-4	6.477	5.024	33144326	16785600	413.778	113.223 #
25)	L5 AR-1248-5	6.516	5.409	27023934	36490187	358.163	242.720 #
26)	L6 AR-1254-1	6.449	5.370	51828433	147.6E6	636.860	618.305
27)	L6 AR-1254-2	6.667	5.515	109.5E6	168.9E6	863.892	815.408
28)	L6 AR-1254-3	7.033	5.912	170.6E6	441.7E6	1236.728	1222.577
29)	L6 AR-1254-4	7.316	6.138	126.0E6	265.3E6	1180.956	1145.839
30)	L6 AR-1254-5	7.735	6.550	206.8E6	508.9E6	1809.358	1573.266
31)	L7 AR-1260-1	7.194	6.040	68029145	198.8E6	653.595	823.553 #
32)	L7 AR-1260-2	7.449	6.226	109.4E6	187.1E6	841.216	617.462 #
33)	L7 AR-1260-3	7.799	6.376	22750211	186.8E6	275.601	655.526 #
34)	L7 AR-1260-4	8.024	6.843	70785559	35053132	708.731	177.657 #
35)	L7 AR-1260-5	8.350	7.083	30525833	66935954	155.839	130.868
36)	L8 AR-1262-1	7.799	6.639	22750211	20779496	171.368	167.631
37)	L8 AR-1262-2	8.350	7.083	30525833	66935954	130.265	114.067
38)	L8 AR-1262-3	8.677	7.364	24443939	7640774	158.695	36.188 #
39)	L8 AR-1262-4	8.726	7.426	9251660	74197942	78.357	182.674 #
40)	L8 AR-1262-5	9.395	7.918	1956289	6754523	25.101	39.614 #
41)	L9 AR-1268-1	8.677	7.364	24443939	7640774	73.399	9.734 #
42)	L9 AR-1268-2	8.726	7.426	9251660	74197942	29.993	103.344 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 00:09:44 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120718.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 07 02:02:36 2018
 Response via : Initial Calibration
 Integrator: ChemStation

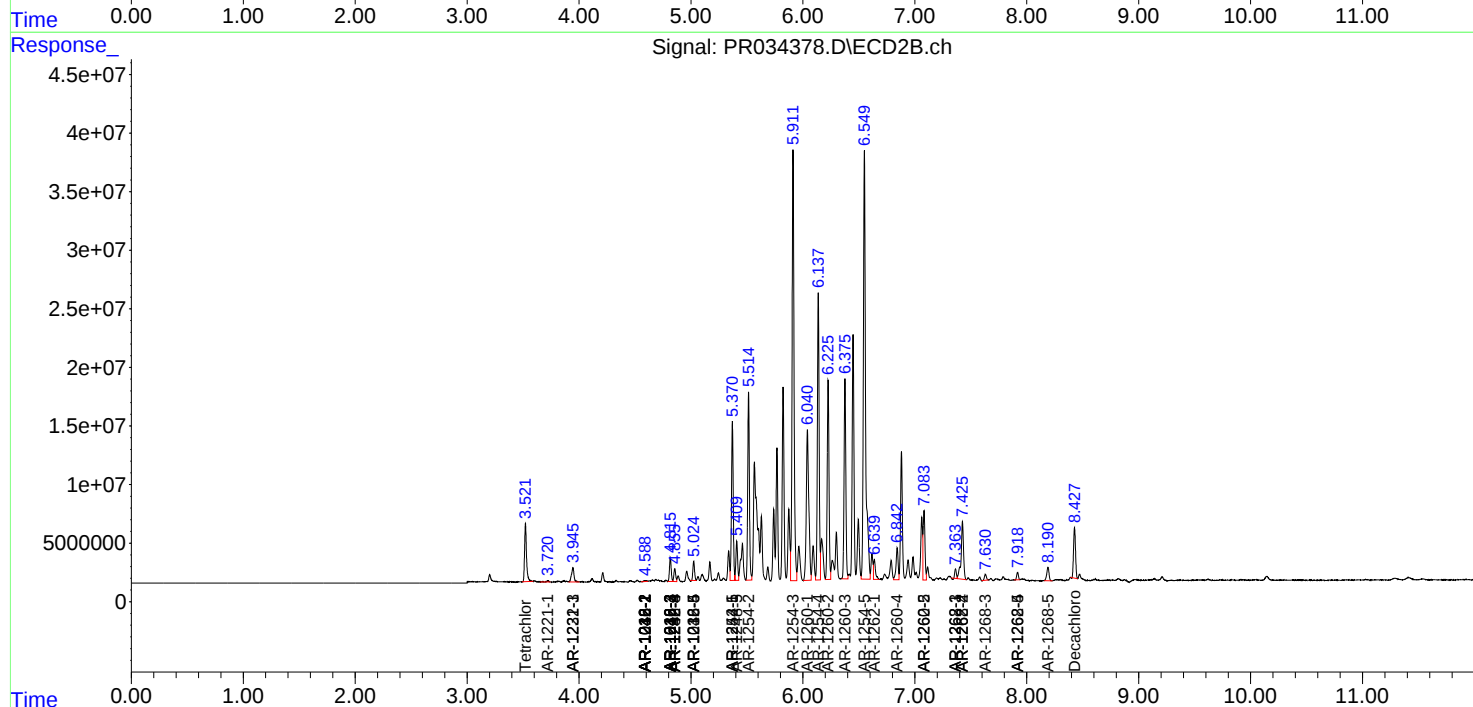
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

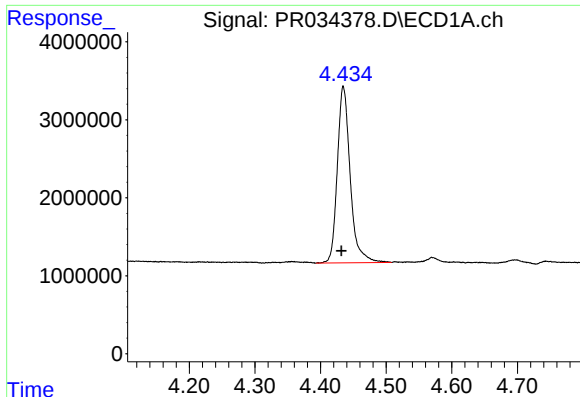
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.972	7.631	2004685	6113877	7.459	10.787 #
44) L9	AR-1268-4	9.395	7.918	1956289	6754523	18.858	29.869 #
45) L9	AR-1268-5	9.799	8.190	6135066	16064239	7.536	8.799

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

Instrument :
ECD_R
ClientSampleId :

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

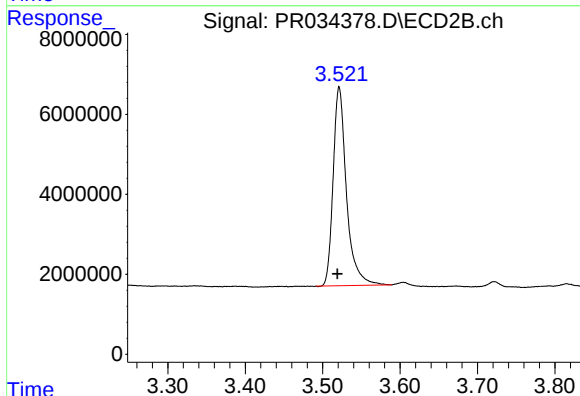




#1 Tetrachloro-m-xylene

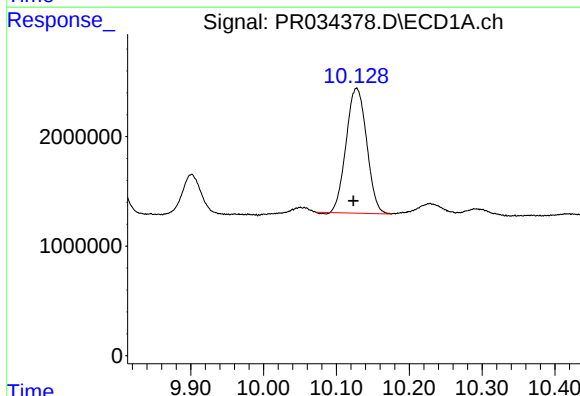
R.T.: 4.435 min
Delta R.T.: 0.003 min
Response: 30833470
Conc: 17.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



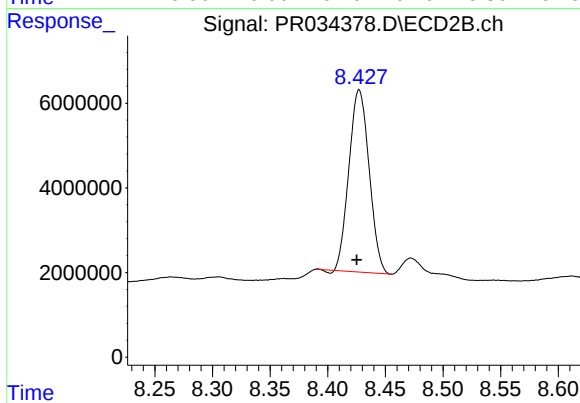
#1 Tetrachloro-m-xylene

R.T.: 3.521 min
Delta R.T.: 0.002 min
Response: 59526552
Conc: 16.17 ng/ml



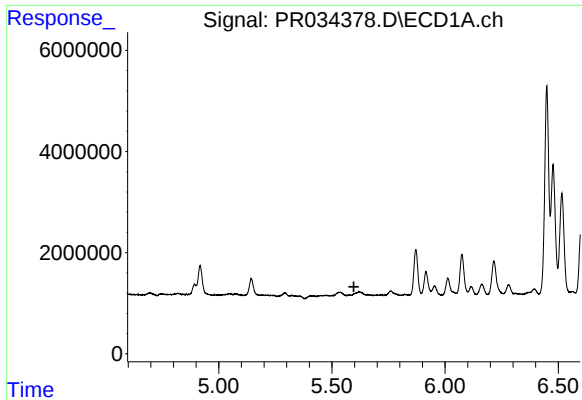
#2 Decachlorobiphenyl

R.T.: 10.128 min
Delta R.T.: 0.004 min
Response: 22294324
Conc: 11.36 ng/ml



#2 Decachlorobiphenyl

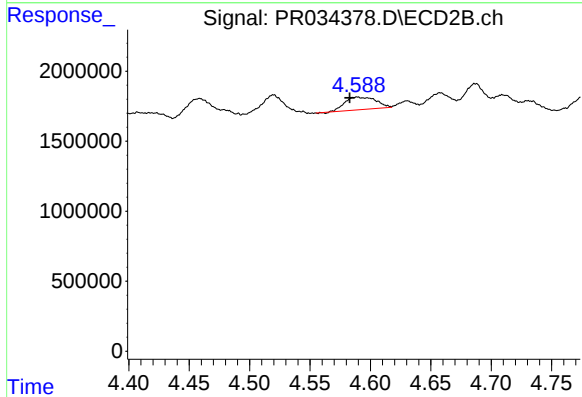
R.T.: 8.427 min
Delta R.T.: 0.002 min
Response: 52382602
Conc: 12.80 ng/ml



#3 AR-1016-1

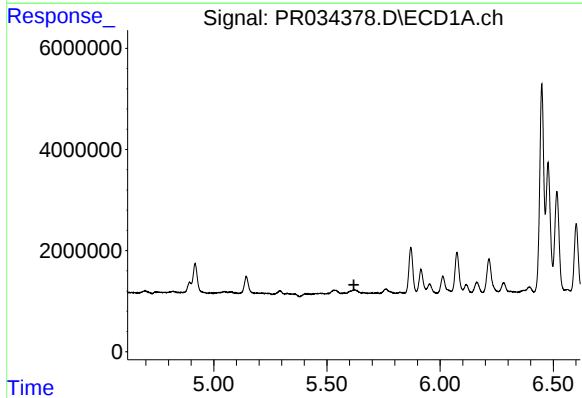
R.T.: 0.000 min
Exp R.T. : 5.597 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



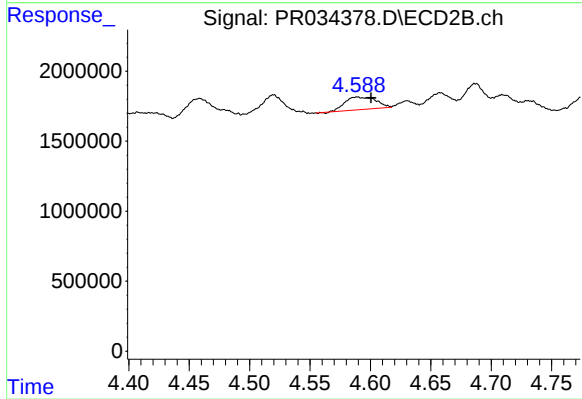
#3 AR-1016-1

R.T.: 4.589 min
Delta R.T.: 0.006 min
Response: 1581009
Conc: 12.17 ng/ml



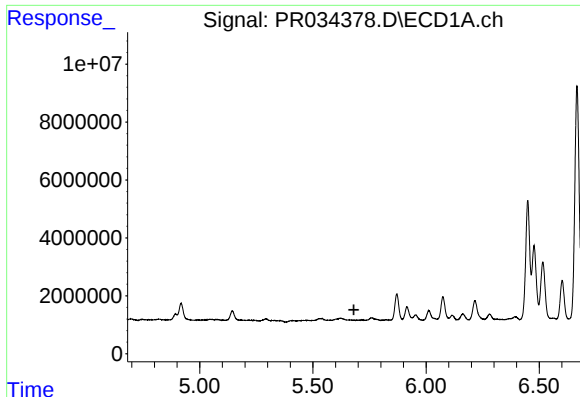
#4 AR-1016-2

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



#4 AR-1016-2

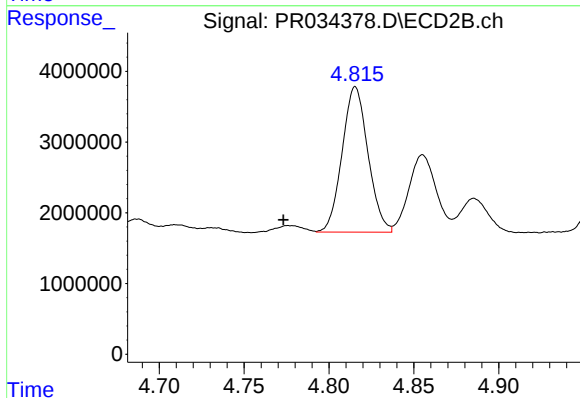
R.T.: 4.589 min
Delta R.T.: -0.012 min
Response: 1581009
Conc: 8.00 ng/ml



#5 AR-1016-3

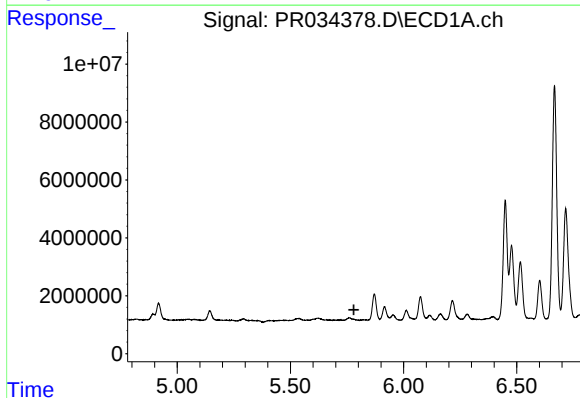
R.T.: 0.000 min
Exp R.T.: 5.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



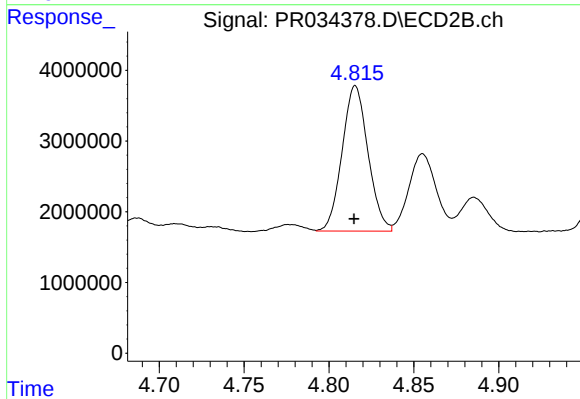
#5 AR-1016-3

R.T.: 4.816 min
Delta R.T.: 0.042 min
Response: 21809740
Conc: 218.40 ng/ml



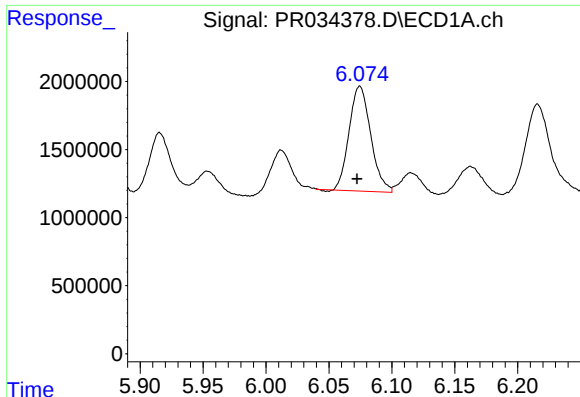
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.780 min
Response: 0
Conc: N.D.



#6 AR-1016-4

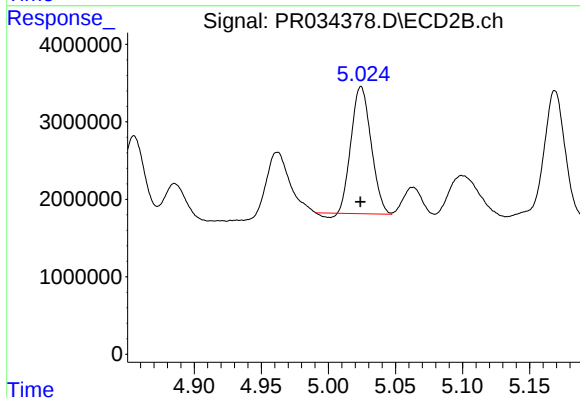
R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 21809740
Conc: 268.58 ng/ml



#7 AR-1016-5

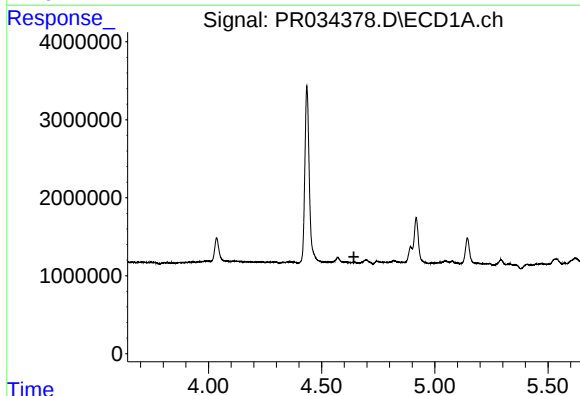
R.T.: 6.075 min
Delta R.T.: 0.002 min
Response: 9224749
Conc: 189.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



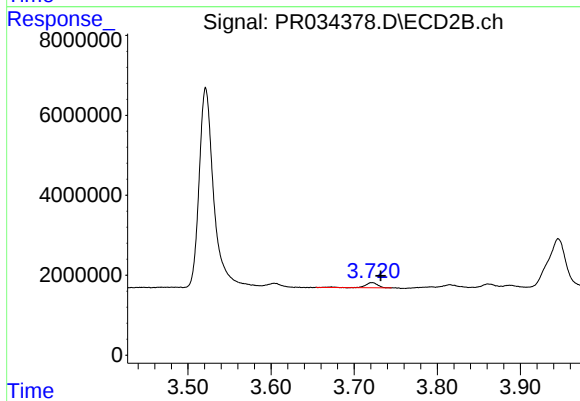
#7 AR-1016-5

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 16785600
Conc: 152.34 ng/ml



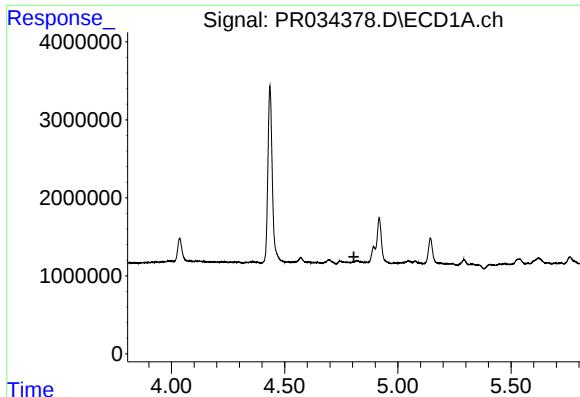
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.643 min
Response: 0
Conc: N.D.



#8 AR-1221-1

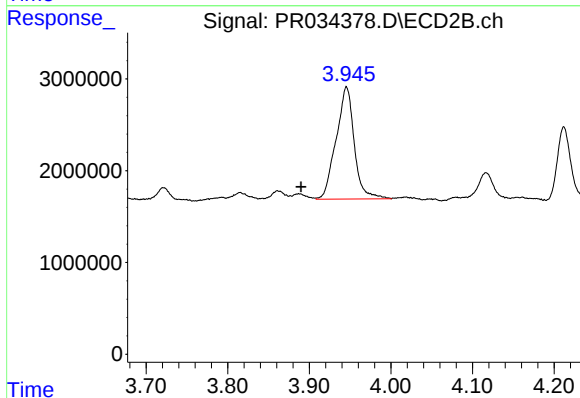
R.T.: 3.721 min
Delta R.T.: -0.010 min
Response: 1368309
Conc: 44.50 ng/ml



#10 AR-1221-3

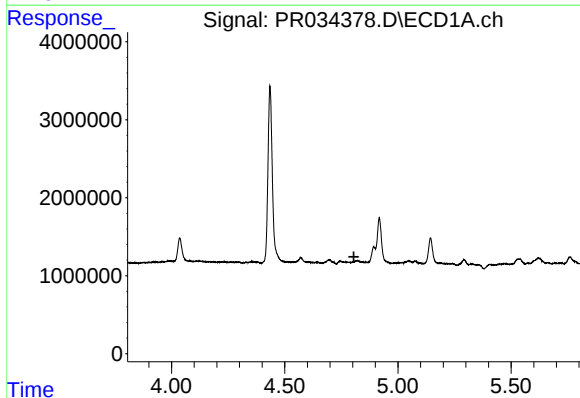
R.T.: 0.000 min
Exp R.T.: 4.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



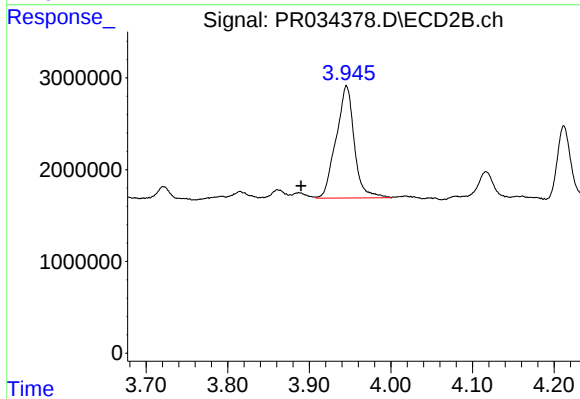
#10 AR-1221-3

R.T.: 3.946 min
Delta R.T.: 0.056 min
Response: 18949812
Conc: 241.34 ng/ml



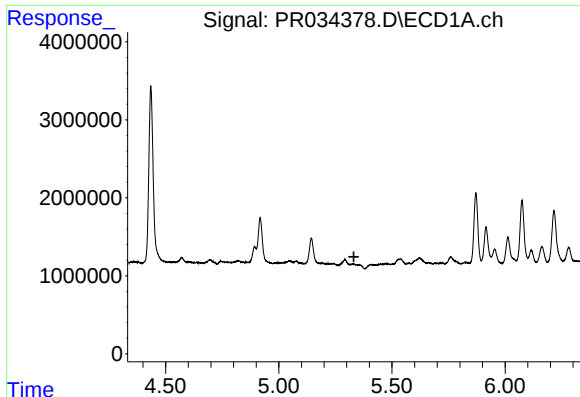
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.805 min
Response: 0
Conc: N.D.



#11 AR-1232-1

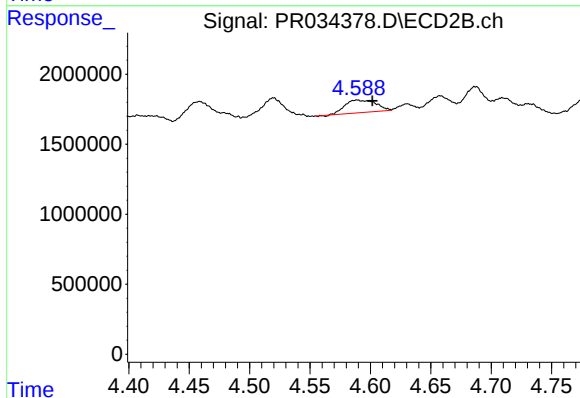
R.T.: 3.946 min
Delta R.T.: 0.056 min
Response: 18949812
Conc: 297.94 ng/ml



#12 AR-1232-2

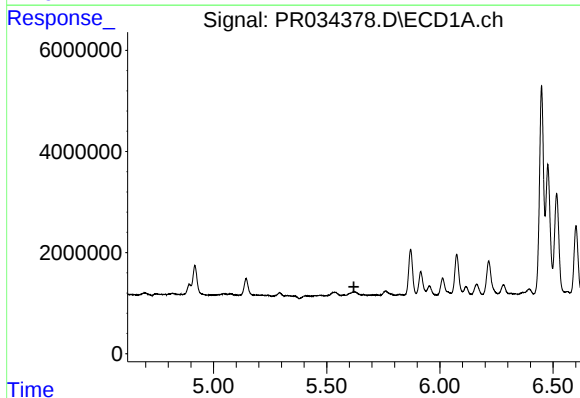
R.T.: 0.000 min
Exp R.T. : 5.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



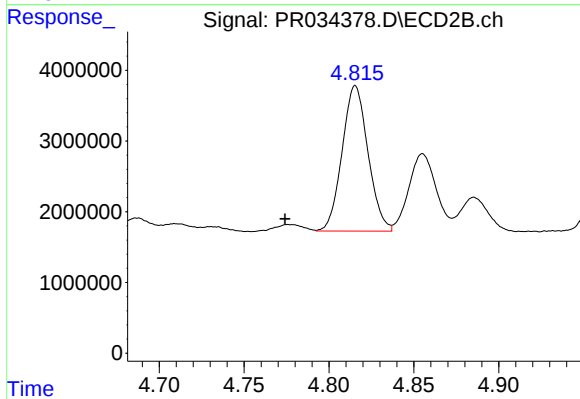
#12 AR-1232-2

R.T.: 4.589 min
Delta R.T.: -0.013 min
Response: 1581009
Conc: 20.89 ng/ml



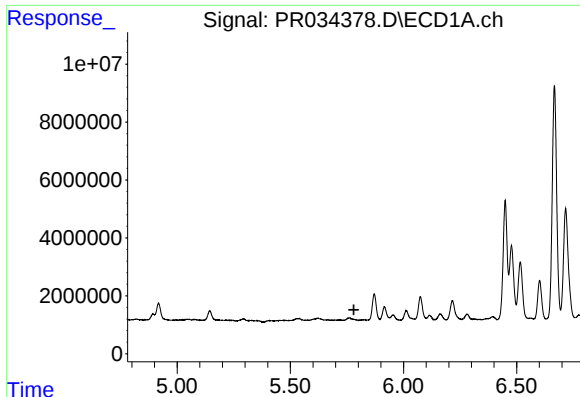
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.620 min
Response: 0
Conc: N.D.



#13 AR-1232-3

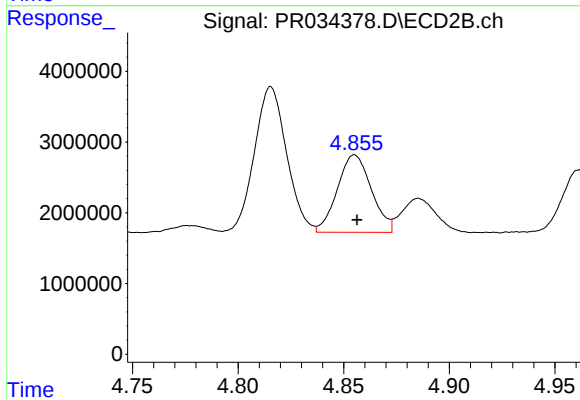
R.T.: 4.816 min
Delta R.T.: 0.041 min
Response: 21809740
Conc: 572.33 ng/ml



#14 AR-1232-4

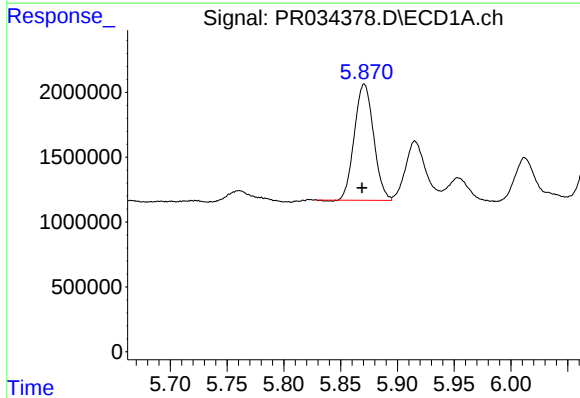
R.T.: 0.000 min
Exp R.T.: 5.781 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



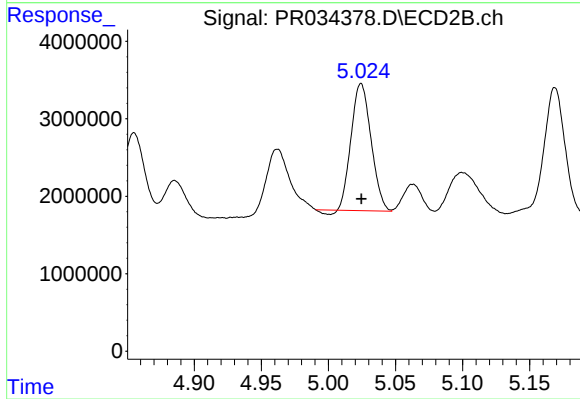
#14 AR-1232-4

R.T.: 4.855 min
Delta R.T.: -0.001 min
Response: 12298369
Conc: 356.74 ng/ml



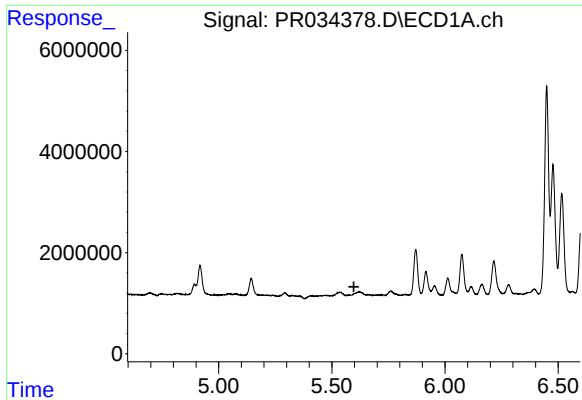
#15 AR-1232-5

R.T.: 5.871 min
Delta R.T.: 0.002 min
Response: 10558043
Conc: 779.72 ng/ml



#15 AR-1232-5

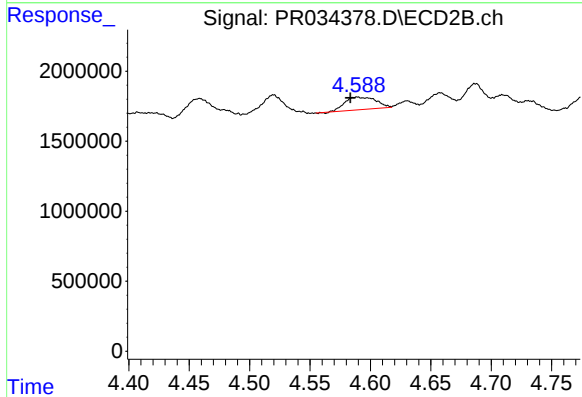
R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 16785600
Conc: 427.42 ng/ml



#16 AR-1242-1

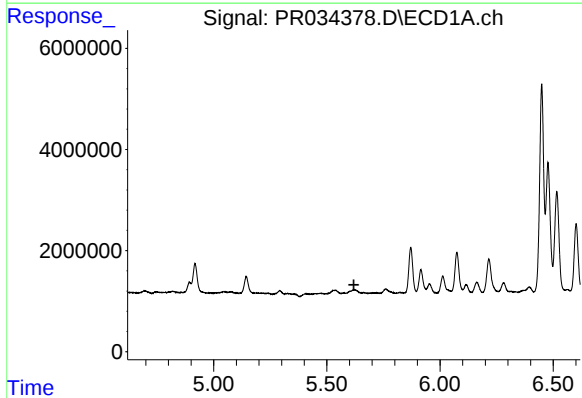
R.T.: 0.000 min
Exp R.T.: 5.598 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



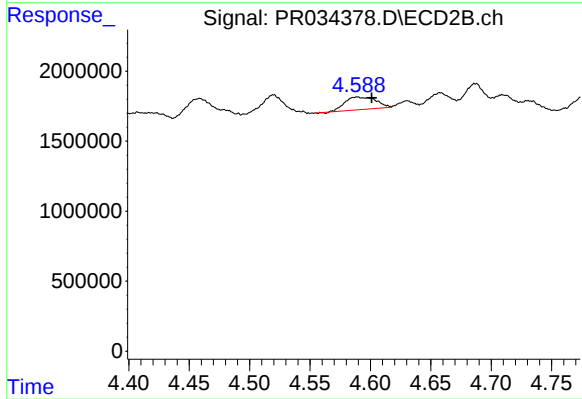
#16 AR-1242-1

R.T.: 4.589 min
Delta R.T.: 0.005 min
Response: 1581009
Conc: 15.49 ng/ml



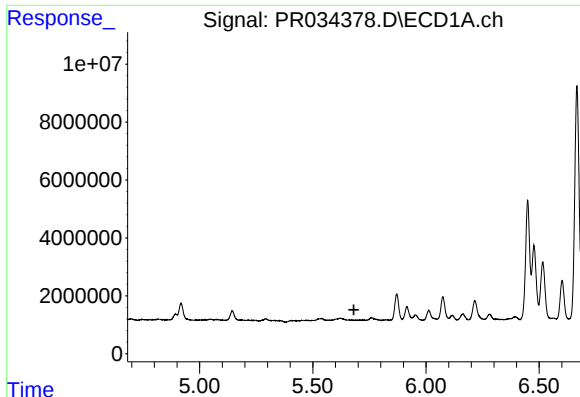
#17 AR-1242-2

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



#17 AR-1242-2

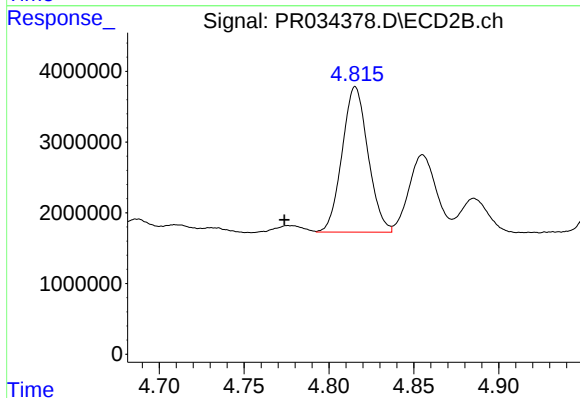
R.T.: 4.589 min
Delta R.T.: -0.012 min
Response: 1581009
Conc: 9.91 ng/ml



#18 AR-1242-3

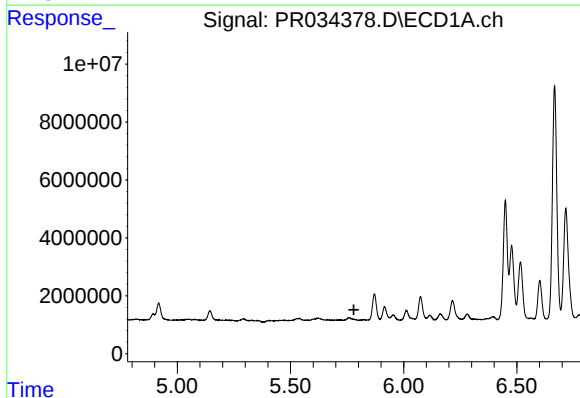
R.T.: 0.000 min
Exp R.T.: 5.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



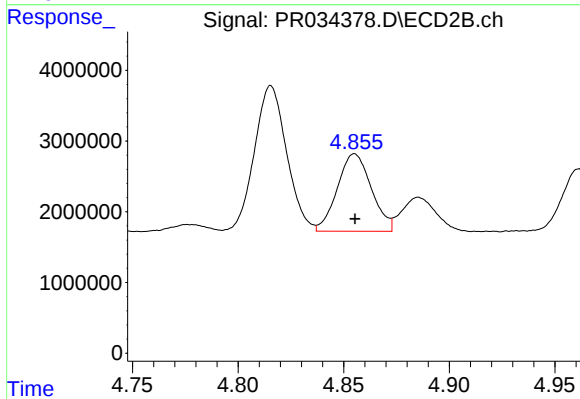
#18 AR-1242-3

R.T.: 4.816 min
Delta R.T.: 0.042 min
Response: 21809740
Conc: 273.06 ng/ml



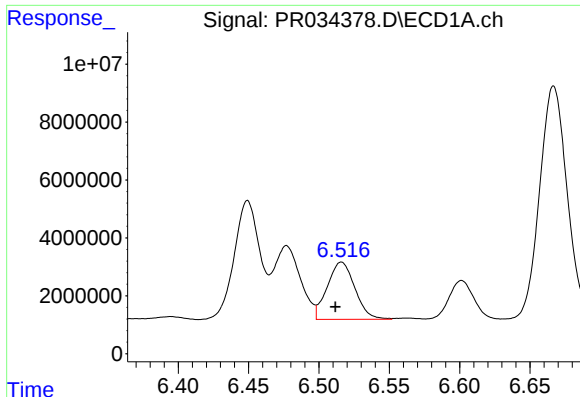
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.780 min
Response: 0
Conc: N.D.



#19 AR-1242-4

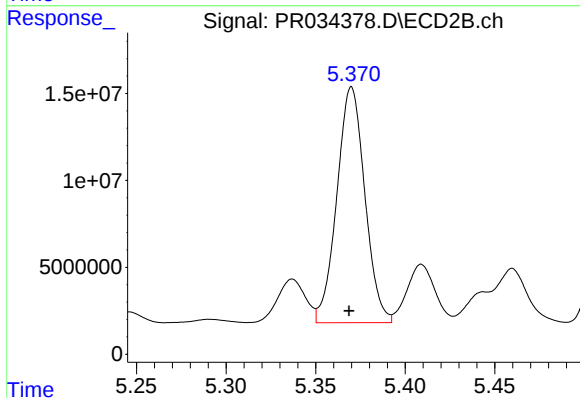
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 12298369
Conc: 155.62 ng/ml



#20 AR-1242-5

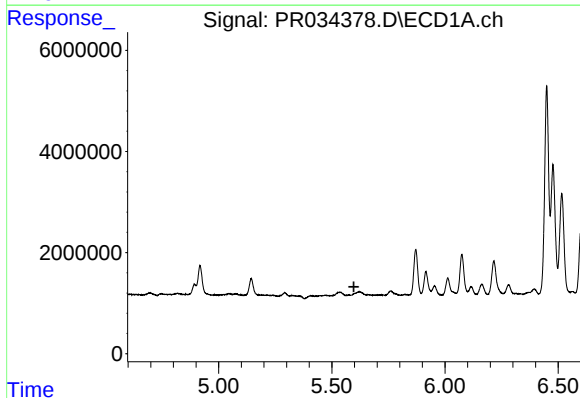
R.T.: 6.516 min
Delta R.T.: 0.004 min
Response: 27023934
Conc: 588.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



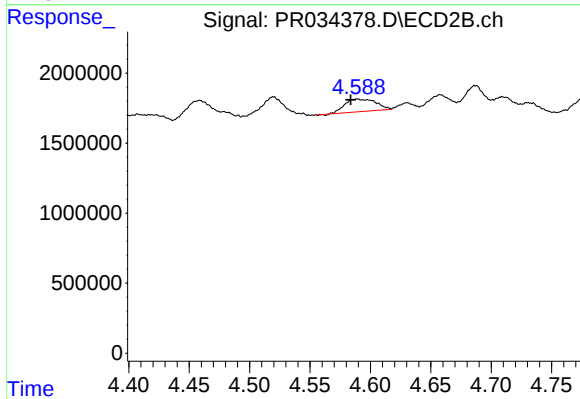
#20 AR-1242-5

R.T.: 5.370 min
Delta R.T.: 0.001 min
Response: 147599960
Conc: 1338.47 ng/ml



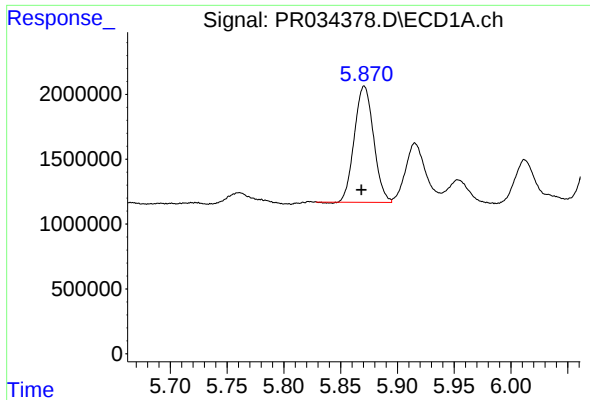
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.598 min
Response: 0
Conc: N.D.



#21 AR-1248-1

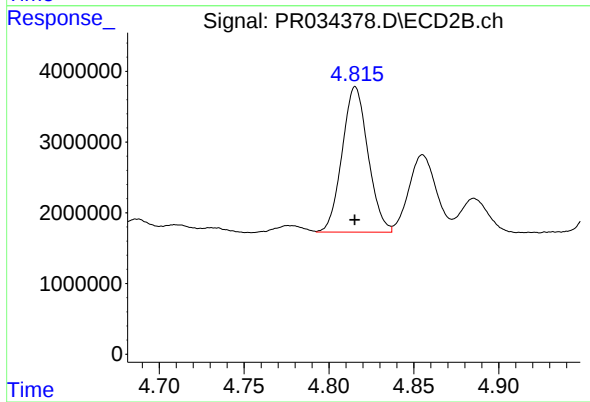
R.T.: 4.589 min
Delta R.T.: 0.005 min
Response: 1581009
Conc: 18.63 ng/ml



#22 AR-1248-2

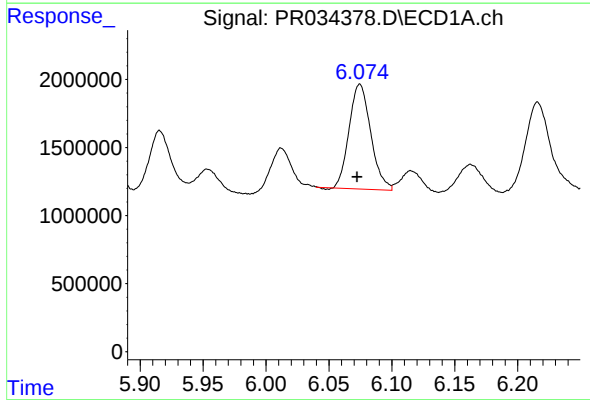
R.T.: 5.871 min
Delta R.T.: 0.003 min
Response: 10558043
Conc: 179.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



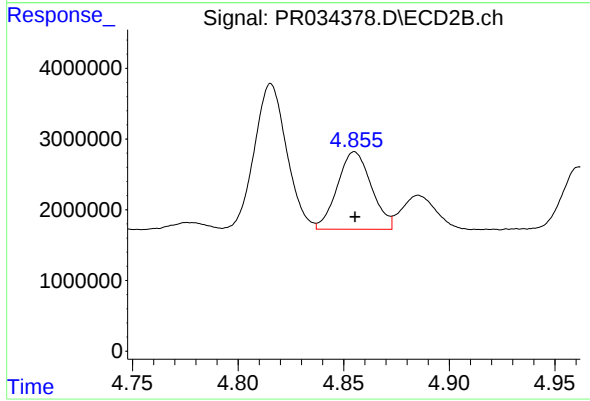
#22 AR-1248-2

R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 21809740
Conc: 191.00 ng/ml



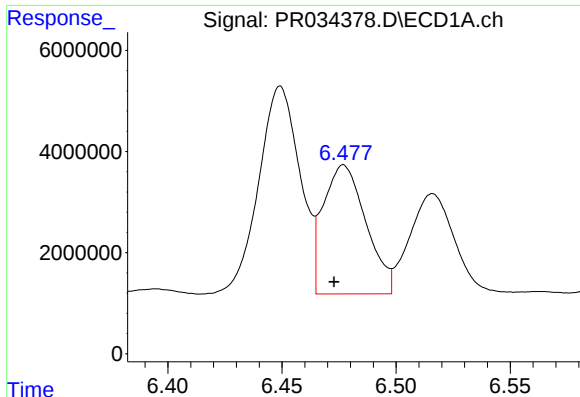
#23 AR-1248-3

R.T.: 6.075 min
Delta R.T.: 0.002 min
Response: 9224749
Conc: 136.66 ng/ml



#23 AR-1248-3

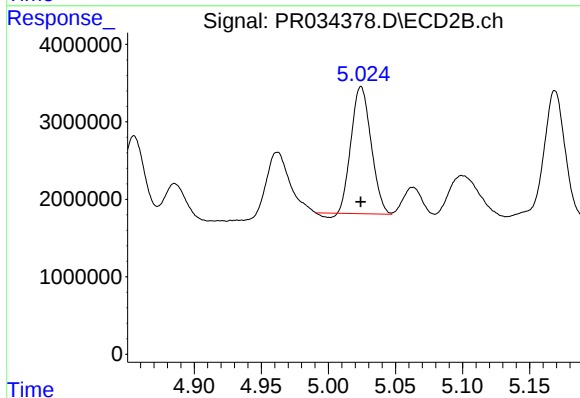
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 12298369
Conc: 104.40 ng/ml



#24 AR-1248-4

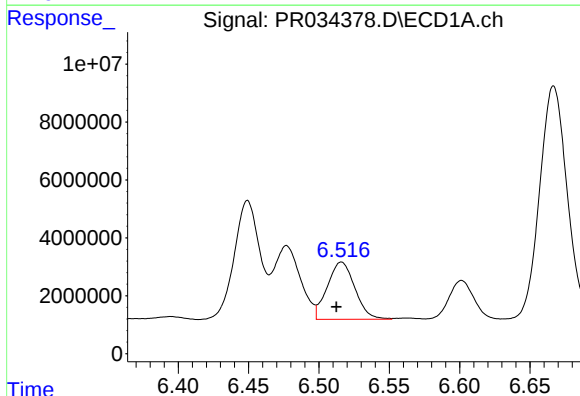
R.T.: 6.477 min
Delta R.T.: 0.004 min
Response: 33144326
Conc: 413.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



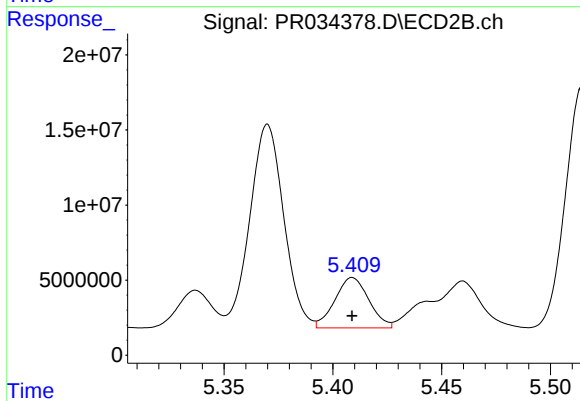
#24 AR-1248-4

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 16785600
Conc: 113.22 ng/ml



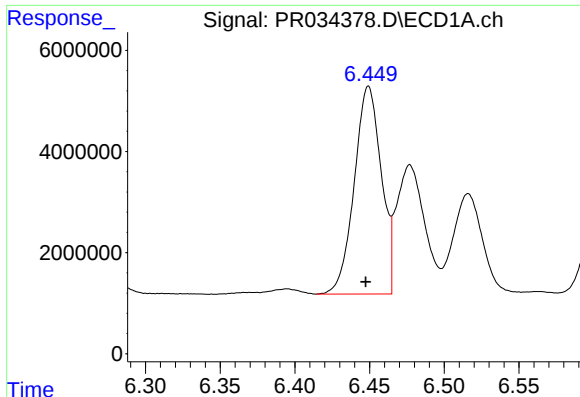
#25 AR-1248-5

R.T.: 6.516 min
Delta R.T.: 0.004 min
Response: 27023934
Conc: 358.16 ng/ml



#25 AR-1248-5

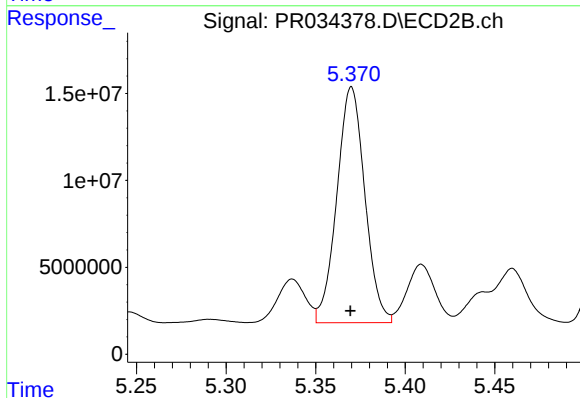
R.T.: 5.409 min
Delta R.T.: 0.000 min
Response: 36490187
Conc: 242.72 ng/ml



#26 AR-1254-1

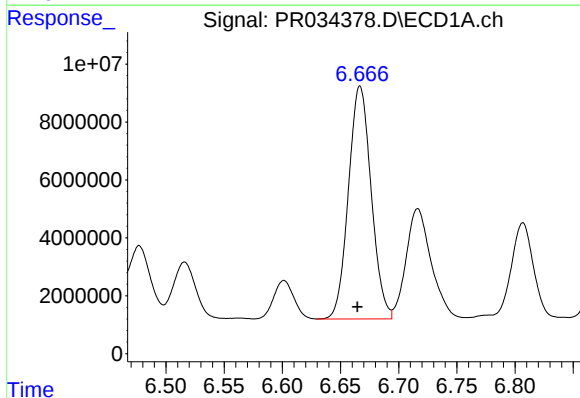
R.T.: 6.449 min
Delta R.T.: 0.002 min
Response: 51828433
Conc: 636.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



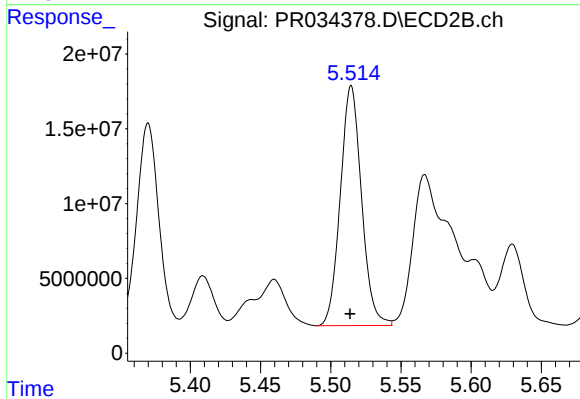
#26 AR-1254-1

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 147599960
Conc: 618.30 ng/ml



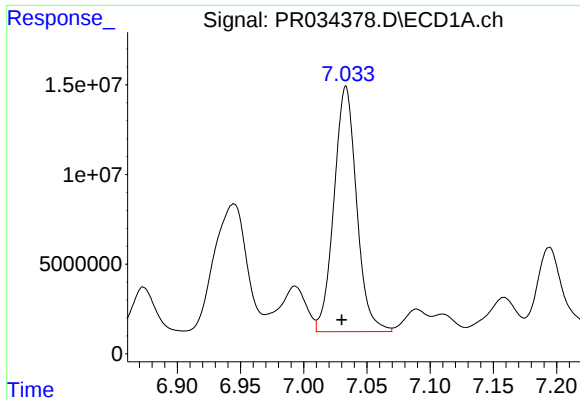
#27 AR-1254-2

R.T.: 6.667 min
Delta R.T.: 0.002 min
Response: 109457266
Conc: 863.89 ng/ml



#27 AR-1254-2

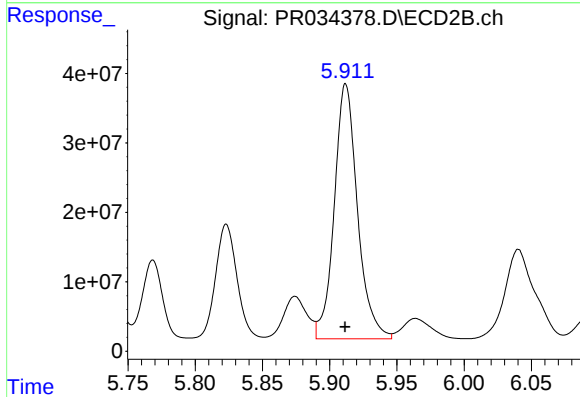
R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 168900295
Conc: 815.41 ng/ml



#28 AR-1254-3

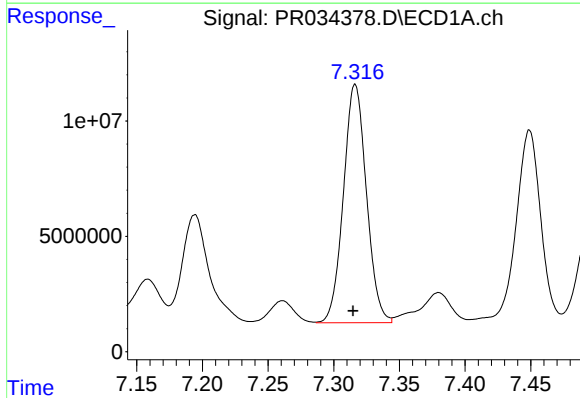
R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 170558821
Conc: 1236.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



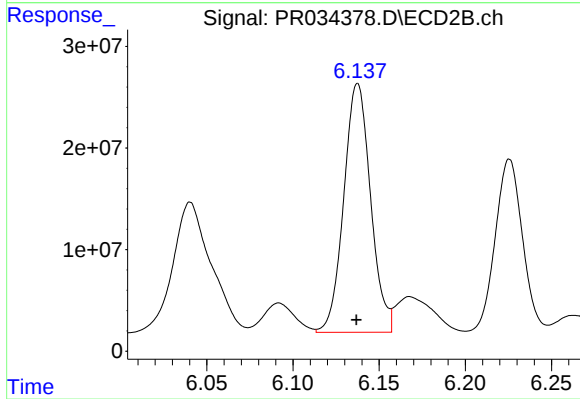
#28 AR-1254-3

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 441724178
Conc: 1222.58 ng/ml



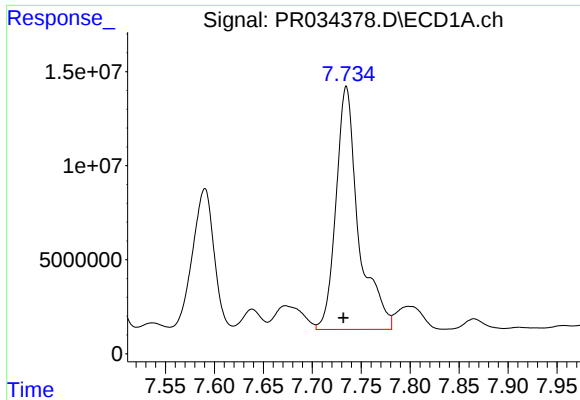
#29 AR-1254-4

R.T.: 7.316 min
Delta R.T.: 0.002 min
Response: 126007294
Conc: 1180.96 ng/ml



#29 AR-1254-4

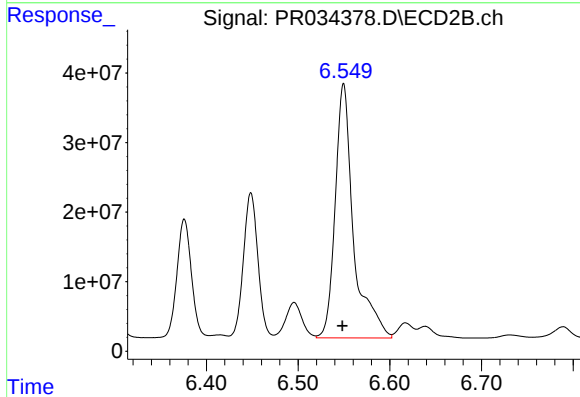
R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 265332172
Conc: 1145.84 ng/ml



#30 AR-1254-5

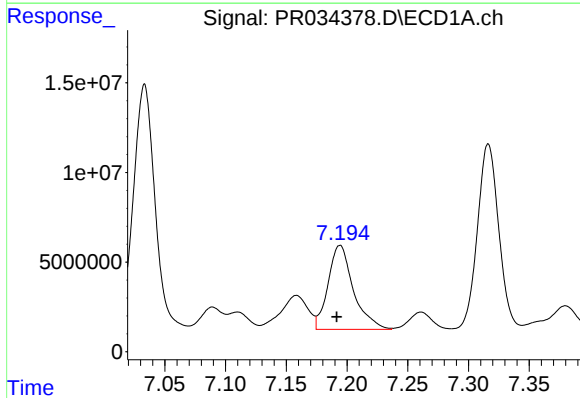
R.T.: 7.735 min
Delta R.T.: 0.003 min
Response: 206777817
Conc: 1809.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



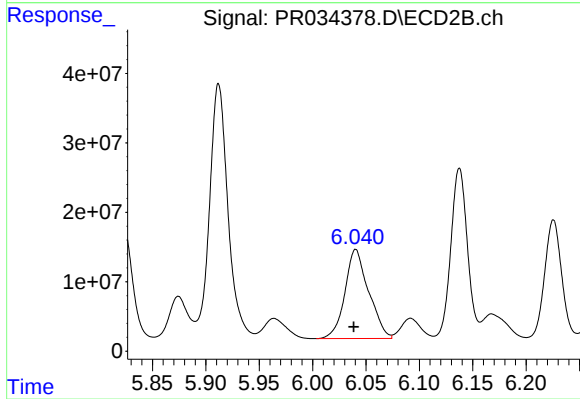
#30 AR-1254-5

R.T.: 6.550 min
Delta R.T.: 0.001 min
Response: 508906894
Conc: 1573.27 ng/ml



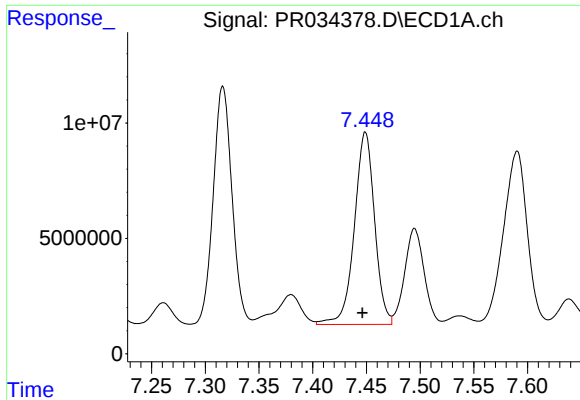
#31 AR-1260-1

R.T.: 7.194 min
Delta R.T.: 0.003 min
Response: 68029145
Conc: 653.59 ng/ml



#31 AR-1260-1

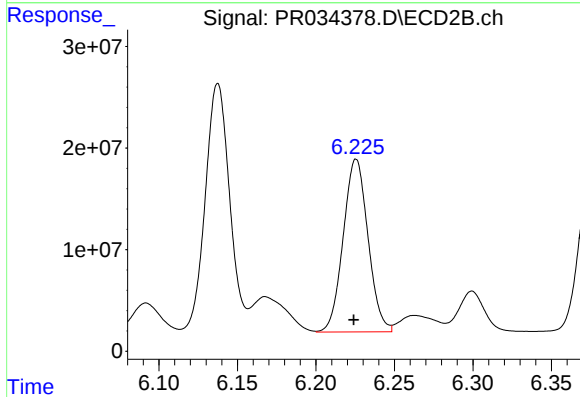
R.T.: 6.040 min
Delta R.T.: 0.002 min
Response: 198777373
Conc: 823.55 ng/ml



#32 AR-1260-2

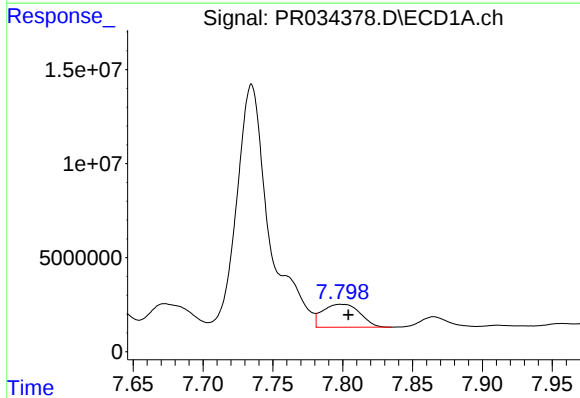
R.T.: 7.449 min
Delta R.T.: 0.003 min
Response: 109418585
Conc: 841.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



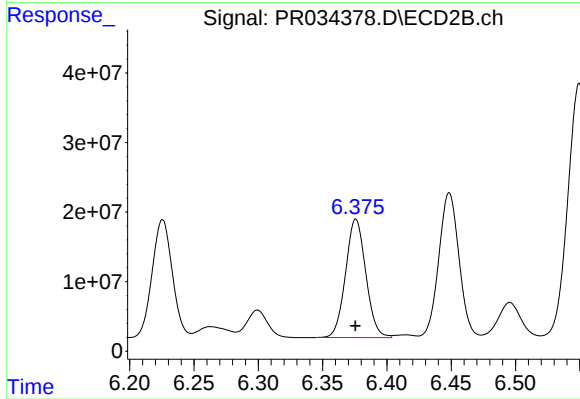
#32 AR-1260-2

R.T.: 6.226 min
Delta R.T.: 0.001 min
Response: 187136397
Conc: 617.46 ng/ml



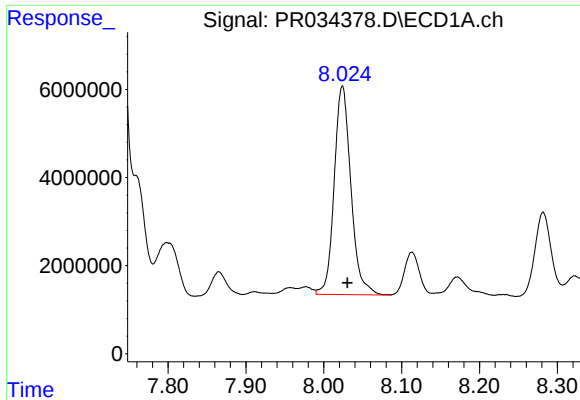
#33 AR-1260-3

R.T.: 7.799 min
Delta R.T.: -0.005 min
Response: 22750211
Conc: 275.60 ng/ml



#33 AR-1260-3

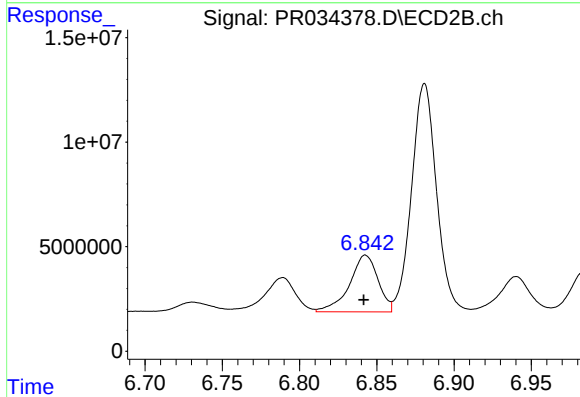
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 186838670
Conc: 655.53 ng/ml



#34 AR-1260-4

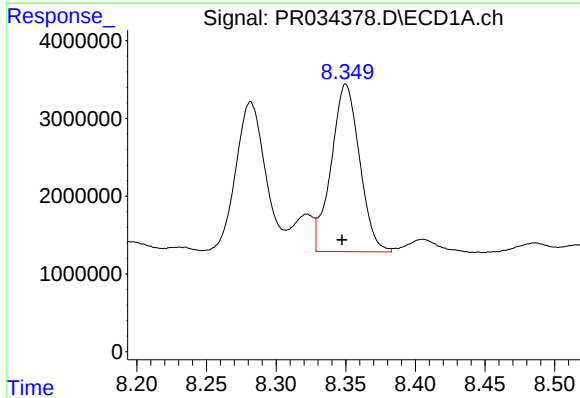
R.T.: 8.024 min
Delta R.T.: -0.006 min
Response: 70785559
Conc: 708.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



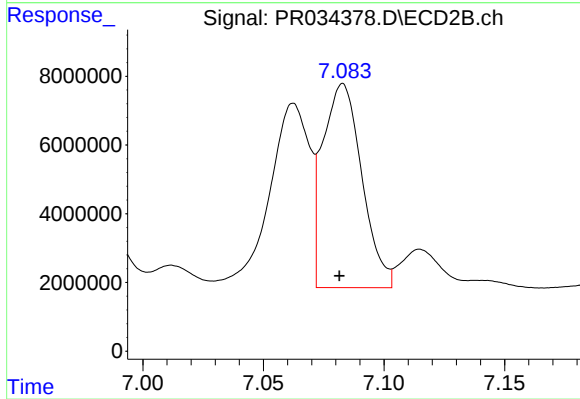
#34 AR-1260-4

R.T.: 6.843 min
Delta R.T.: 0.001 min
Response: 35053132
Conc: 177.66 ng/ml



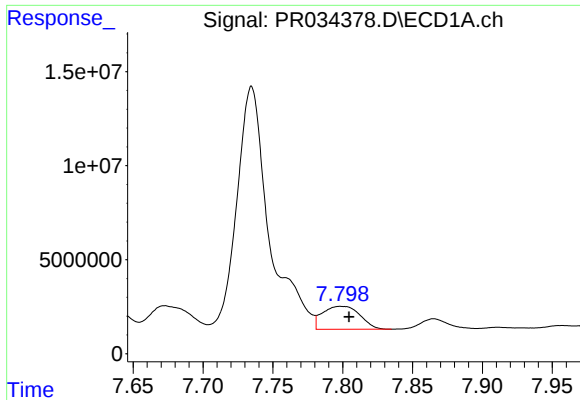
#35 AR-1260-5

R.T.: 8.350 min
Delta R.T.: 0.003 min
Response: 30525833
Conc: 155.84 ng/ml



#35 AR-1260-5

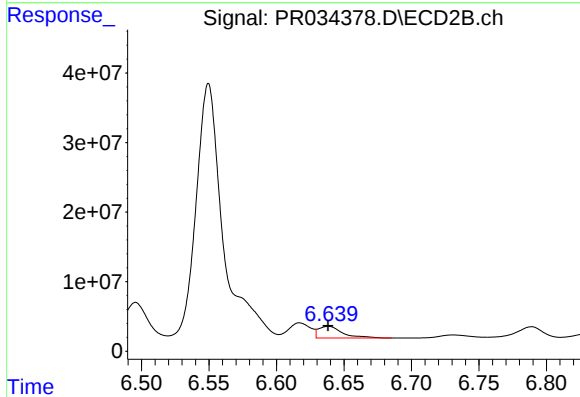
R.T.: 7.083 min
Delta R.T.: 0.001 min
Response: 66935954
Conc: 130.87 ng/ml



#36 AR-1262-1

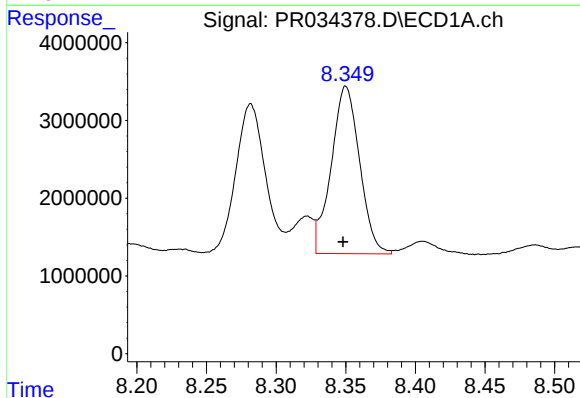
R.T.: 7.799 min
Delta R.T.: -0.006 min
Response: 22750211
Conc: 171.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



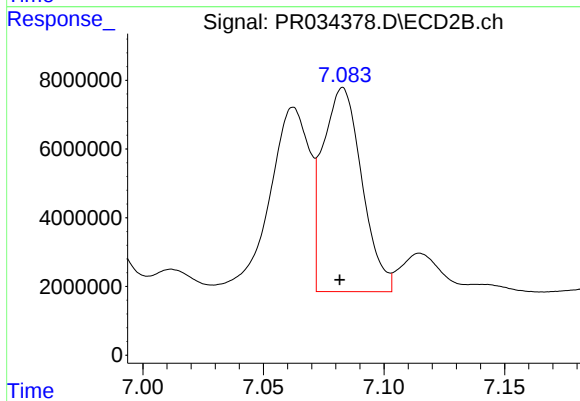
#36 AR-1262-1

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 20779496
Conc: 167.63 ng/ml



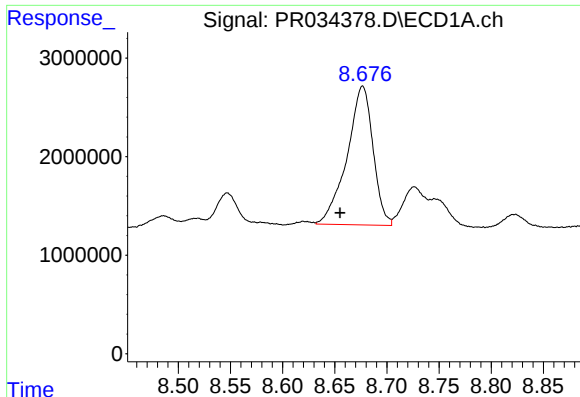
#37 AR-1262-2

R.T.: 8.350 min
Delta R.T.: 0.002 min
Response: 30525833
Conc: 130.26 ng/ml



#37 AR-1262-2

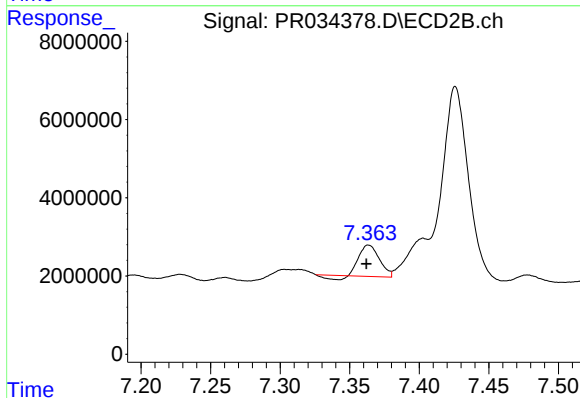
R.T.: 7.083 min
Delta R.T.: 0.001 min
Response: 66935954
Conc: 114.07 ng/ml



#38 AR-1262-3

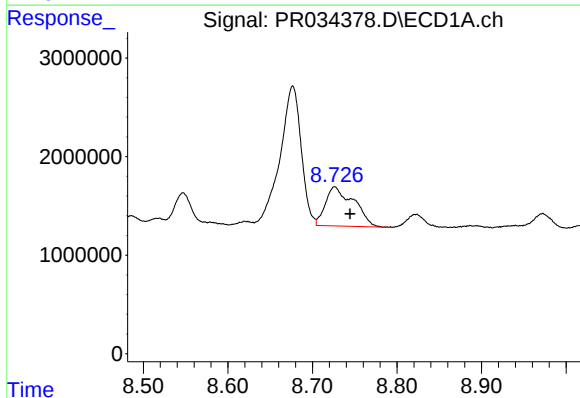
R.T.: 8.677 min
Delta R.T.: 0.022 min
Response: 24443939
Conc: 158.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



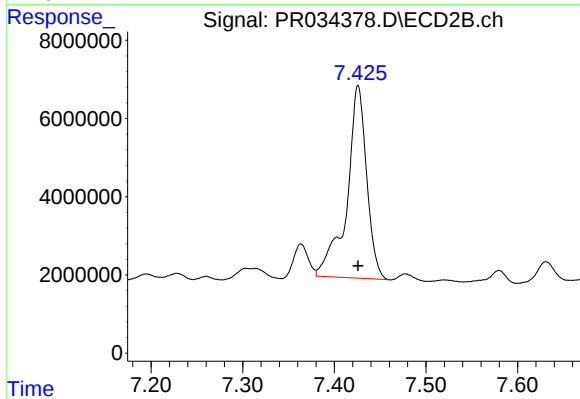
#38 AR-1262-3

R.T.: 7.364 min
Delta R.T.: 0.002 min
Response: 7640774
Conc: 36.19 ng/ml



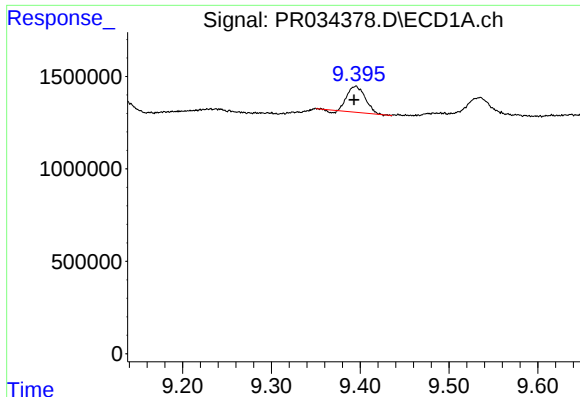
#39 AR-1262-4

R.T.: 8.726 min
Delta R.T.: -0.018 min
Response: 9251660
Conc: 78.36 ng/ml



#39 AR-1262-4

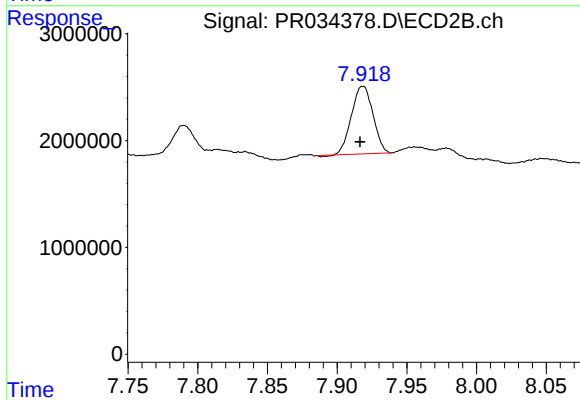
R.T.: 7.426 min
Delta R.T.: 0.000 min
Response: 74197942
Conc: 182.67 ng/ml



#40 AR-1262-5

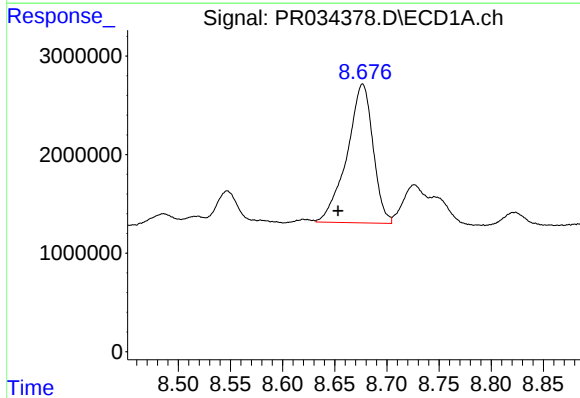
R.T.: 9.395 min
Delta R.T.: 0.002 min
Response: 1956289
Conc: 25.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



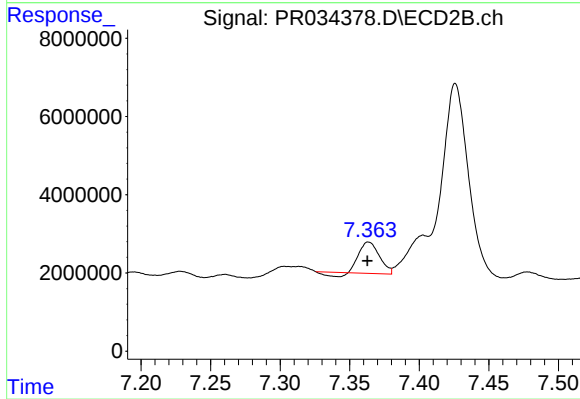
#40 AR-1262-5

R.T.: 7.918 min
Delta R.T.: 0.002 min
Response: 6754523
Conc: 39.61 ng/ml



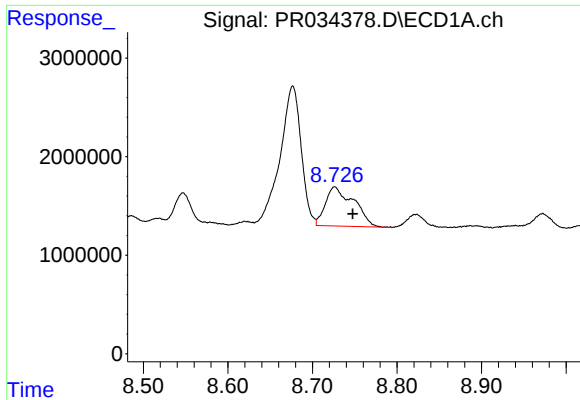
#41 AR-1268-1

R.T.: 8.677 min
Delta R.T.: 0.023 min
Response: 24443939
Conc: 73.40 ng/ml



#41 AR-1268-1

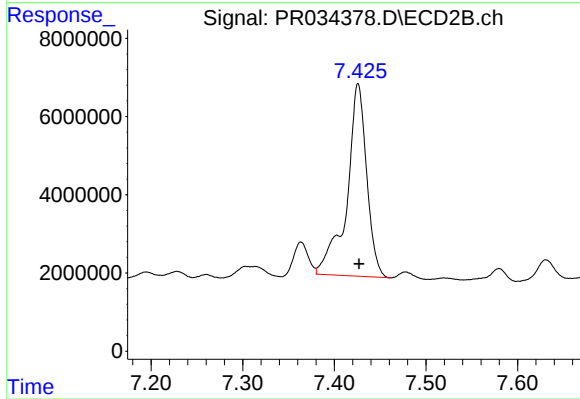
R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 7640774
Conc: 9.73 ng/ml



#42 AR-1268-2

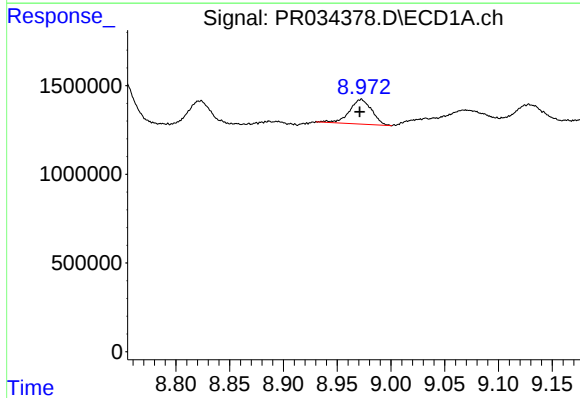
R.T.: 8.726 min
Delta R.T.: -0.021 min
Response: 9251660
Conc: 29.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



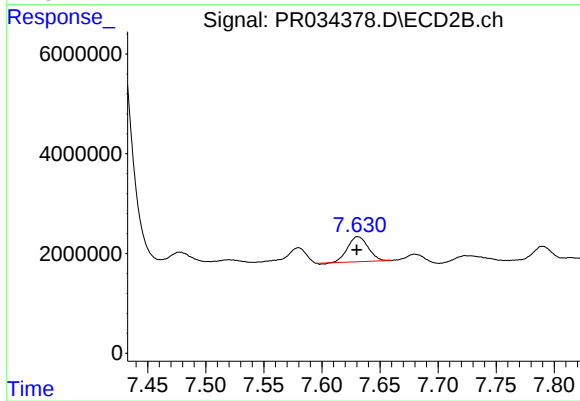
#42 AR-1268-2

R.T.: 7.426 min
Delta R.T.: 0.000 min
Response: 74197942
Conc: 103.34 ng/ml



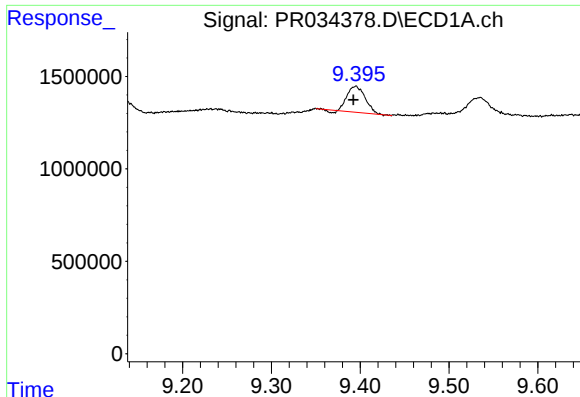
#43 AR-1268-3

R.T.: 8.972 min
Delta R.T.: 0.001 min
Response: 2004685
Conc: 7.46 ng/ml



#43 AR-1268-3

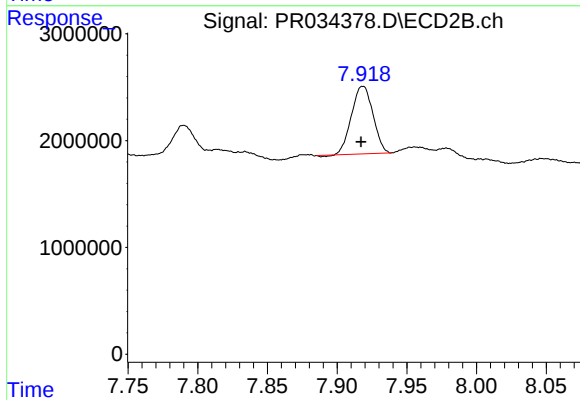
R.T.: 7.631 min
Delta R.T.: 0.001 min
Response: 6113877
Conc: 10.79 ng/ml



#44 AR-1268-4

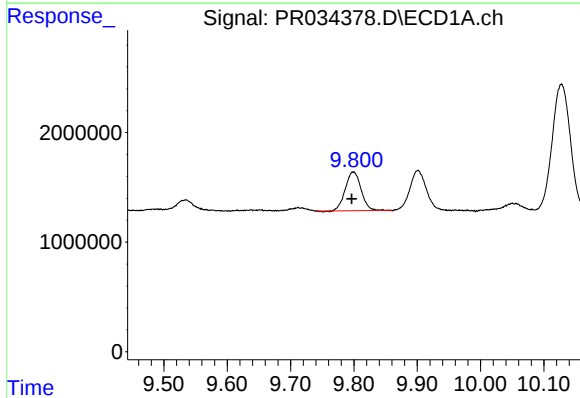
R.T.: 9.395 min
Delta R.T.: 0.003 min
Response: 1956289
Conc: 18.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



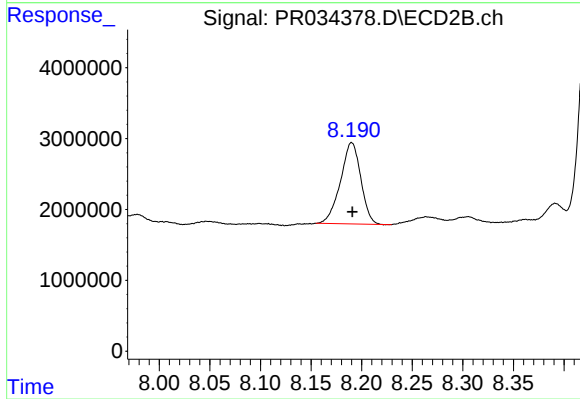
#44 AR-1268-4

R.T.: 7.918 min
Delta R.T.: 0.001 min
Response: 6754523
Conc: 29.87 ng/ml



#45 AR-1268-5

R.T.: 9.799 min
Delta R.T.: 0.003 min
Response: 6135066
Conc: 7.54 ng/ml



#45 AR-1268-5

R.T.: 8.190 min
Delta R.T.: 0.000 min
Response: 16064239
Conc: 8.80 ng/ml