

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121919\
 Data File : PR044042.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2019 16:44
 Operator : SM\AJ
 Sample : PB125599BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 17:13:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 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...	4.714	3.973	79473510	207.5E6	19.884	18.799
2)	SA Decachlor...	10.618	9.057	213.3E6	459.8E6	44.709	45.574
Target Compounds							
3)	L1 AR-1016-1	5.890	5.063	17904588	35599430	112.684	103.164
4)	L1 AR-1016-2	5.912	5.083	25573647	48843932	112.514	101.546
5)	L1 AR-1016-3	5.975	5.261	15615192	23967801	116.109	109.984
6)	L1 AR-1016-4	6.075	5.301	12900482	18221189	114.234	100.927
7)	L1 AR-1016-5	6.369	5.517	13420412	26041627	118.792	110.218
8)	L2 AR-1221-1	0.000	4.183	0	3372711	N.D.	29.548 #
9)	L2 AR-1221-2	0.000	4.274	0	6253899	N.D.	76.654 #
10)	L2 AR-1221-3	5.089	4.347	7428744	18143647	75.743	65.029
11)	L3 AR-1232-1	5.089	4.347	7428744	18143647	92.713	78.628
12)	L3 AR-1232-2	5.622	5.083	12115113	48843932	274.256	224.332
13)	L3 AR-1232-3	5.912	5.261	25573647	23967801	267.926	252.795
14)	L3 AR-1232-4	6.075	5.344	12900482	22916334	275.619	264.653
15)	L3 AR-1232-5	6.162	5.517	11547733	26041627	337.284	264.834
16)	L4 AR-1242-1	5.890	5.063	17904588	35599430	141.512	123.739
17)	L4 AR-1242-2	5.912	5.083	25573647	48843932	141.132	123.518
18)	L4 AR-1242-3	5.975	5.261	15615192	23967801	143.828	126.107
19)	L4 AR-1242-4	6.075	5.344	12900482	22916334	142.889	125.344
20)	L4 AR-1242-5	6.746f	5.869	12136323	24246714	110.471	81.738 #
21)	L5 AR-1248-1	5.890	5.063	17904588	35599430	178.786	154.724
22)	L5 AR-1248-2	6.162	5.301	11547733	18221189	84.229	69.638
23)	L5 AR-1248-3	6.369	5.344	13420412	22916334	84.893	86.559
24)	L5 AR-1248-4	6.746	5.517	12136323	26041627	62.501	78.257 #
25)	L5 AR-1248-5	6.746f	5.910	12136323	4317392	66.182	10.561 #
26)	L6 AR-1254-1	6.746	5.869	12136323	24246714	63.505	40.268 #
27)	L6 AR-1254-2	6.961	6.015	11778234	23984342	38.634	44.197
28)	L6 AR-1254-3	7.332	6.435	7425535	54058582	21.533	56.700 #
29)	L6 AR-1254-4	7.617	6.649	5210675	5105360	19.890	7.697 #
30)	L6 AR-1254-5	8.035	7.066	47257613	95453669	166.763	109.691 #
31)	L7 AR-1260-1	7.493	6.550	29415986	63312023	127.250	115.851
32)	L7 AR-1260-2	7.748	6.737	35174700	94918231	123.277	118.273
33)	L7 AR-1260-3	8.108	6.893	22546699	75369980	100.412	112.853
34)	L7 AR-1260-4	8.347	7.364	28128531	57487165	108.631	102.407
35)	L7 AR-1260-5	8.684	7.605	54255055	163.1E6	97.134	96.889
36)	L8 AR-1262-1	8.169	7.066	12123571	95453669	84.286	192.960 #
37)	L8 AR-1262-2	8.684	7.605	54255055	163.1E6	76.423	75.008
38)	L8 AR-1262-3	9.035	7.889	35824655	32523911	77.771	37.655 #
39)	L8 AR-1262-4	9.093	7.953	19684796	104.4E6	57.728	73.446 #
40)	L8 AR-1262-5	9.814	8.468	13509276	30989606	56.270	48.474
41)	L9 AR-1268-1	9.035	7.889	35824655	32523911	44.488	13.302 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121919\
 Data File : PR044042.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2019 16:44
 Operator : SM\AJ
 Sample : PB125599BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 17:13:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 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
42) L9	AR-1268-2	9.093	7.953	19684796	104.4E6	26.716	49.929 #
43) L9	AR-1268-3	0.000	8.164	0	5534291	N.D.	3.073 #
44) L9	AR-1268-4	9.814	8.468	13509276	30989606	51.064	43.977
45) L9	AR-1268-5	10.256	8.782	5816414	11744715	2.820	2.407

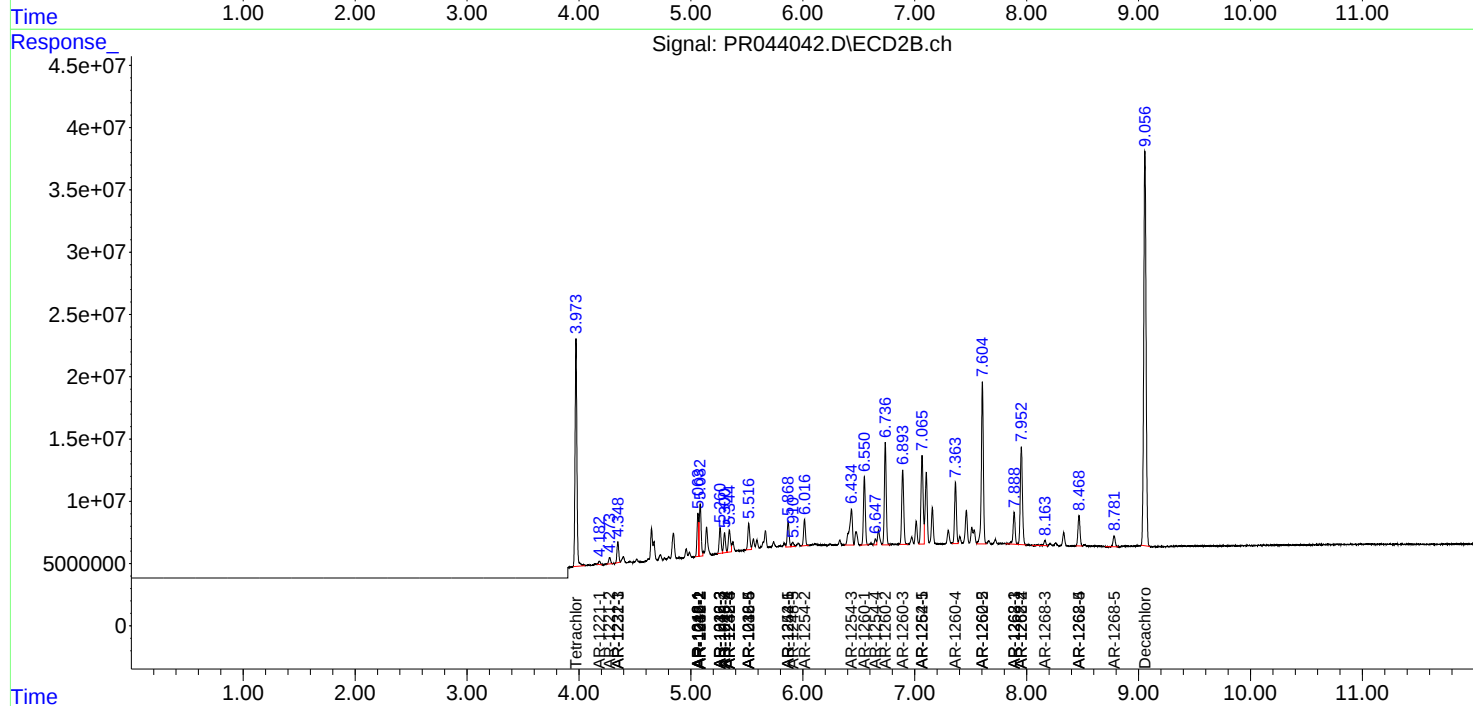
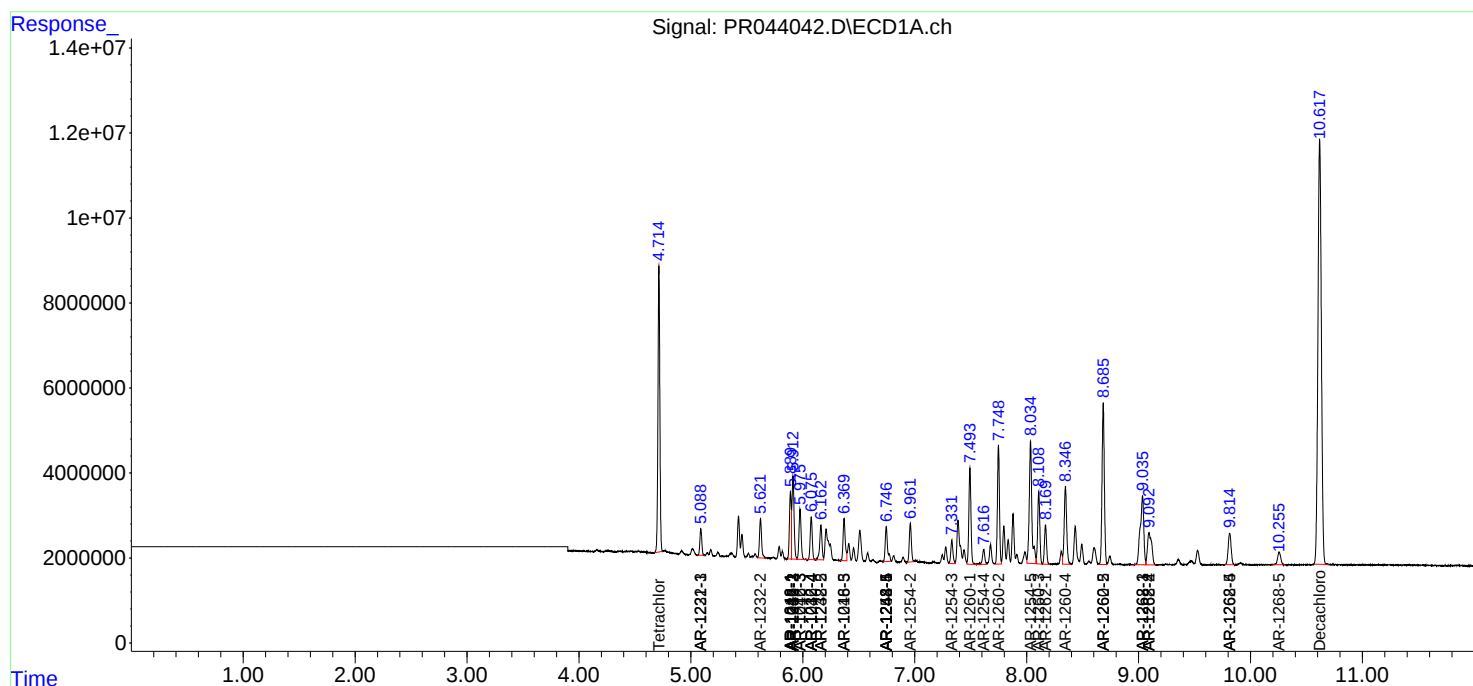
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

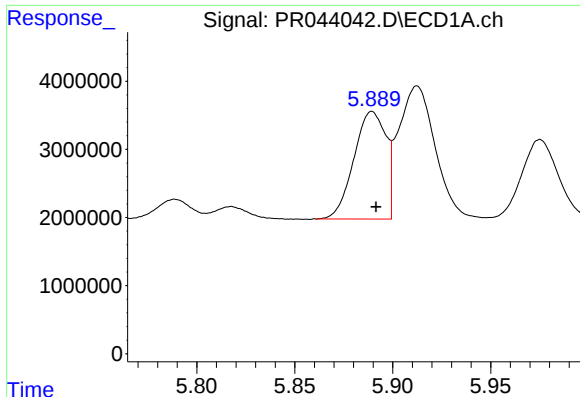
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121919\
Data File : PR044042.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Dec 2019 16:44
Operator : SM\AJ
Sample : PB125599BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 17:13:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Dec 16 06:15:17 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

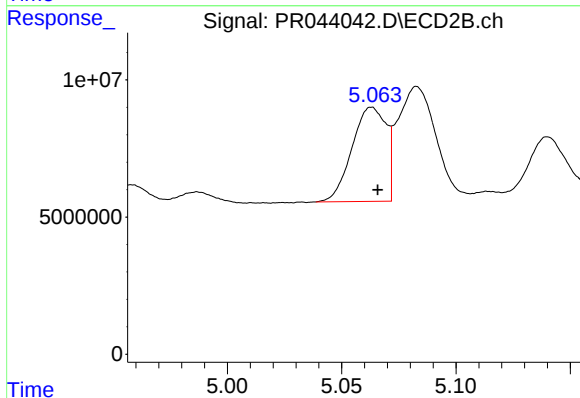




#3 AR-1016-1

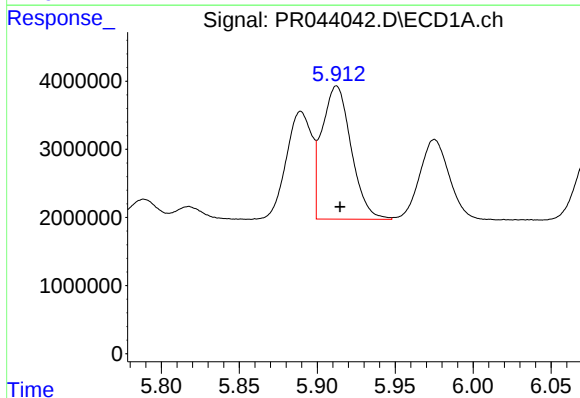
R.T.: 5.890 min
Delta R.T.: -0.002 min
Response: 17904588
Conc: 112.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



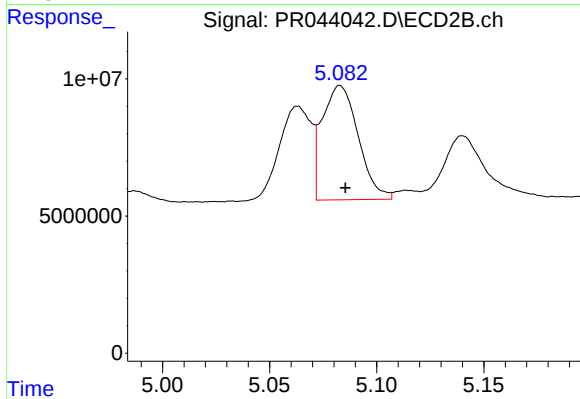
#3 AR-1016-1

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 35599430
Conc: 103.16 ng/ml



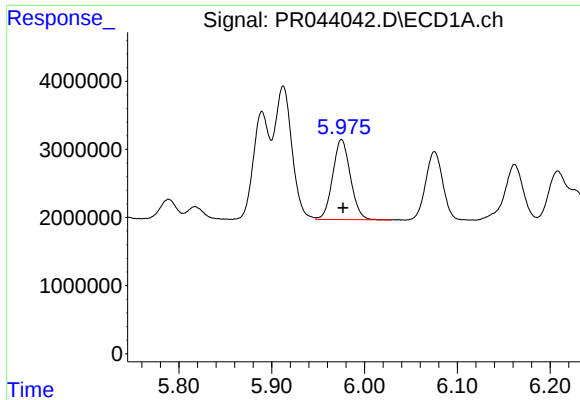
#4 AR-1016-2

R.T.: 5.912 min
Delta R.T.: -0.002 min
Response: 25573647
Conc: 112.51 ng/ml



#4 AR-1016-2

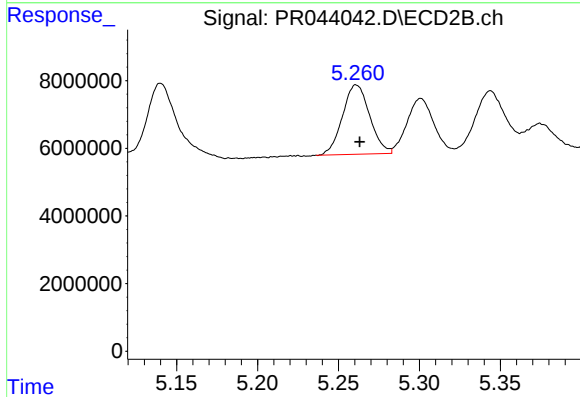
R.T.: 5.083 min
Delta R.T.: -0.002 min
Response: 48843932
Conc: 101.55 ng/ml



#5 AR-1016-3

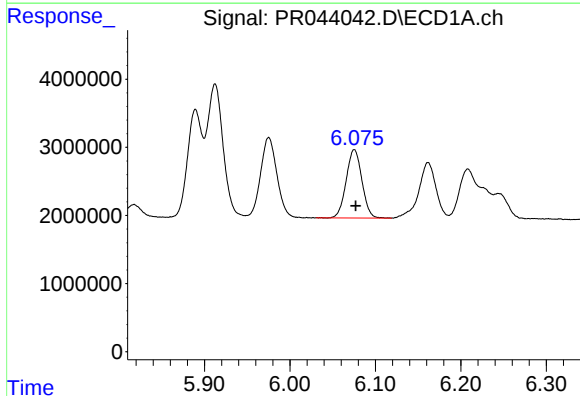
R.T.: 5.975 min
Delta R.T.: -0.001 min
Response: 15615192
Conc: 116.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



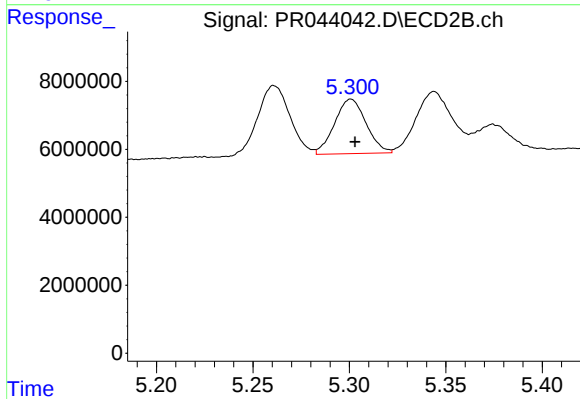
#5 AR-1016-3

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 23967801
Conc: 109.98 ng/ml



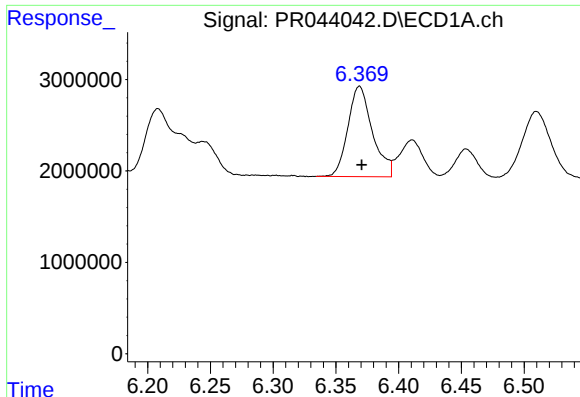
#6 AR-1016-4

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 12900482
Conc: 114.23 ng/ml



#6 AR-1016-4

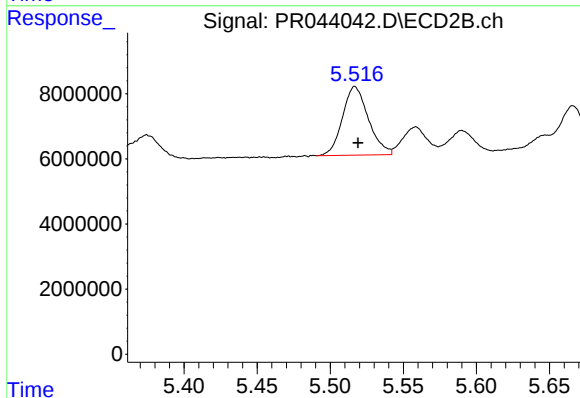
R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 18221189
Conc: 100.93 ng/ml



#7 AR-1016-5

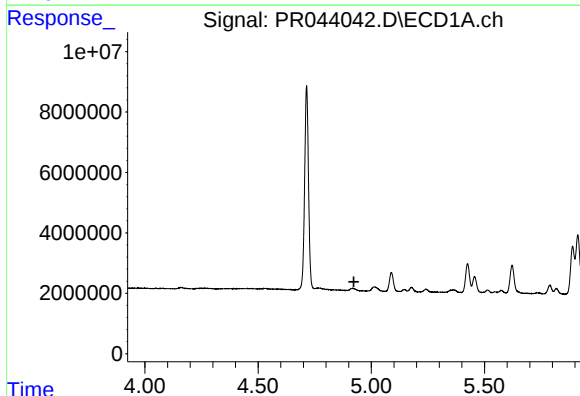
R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 13420412
Conc: 118.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



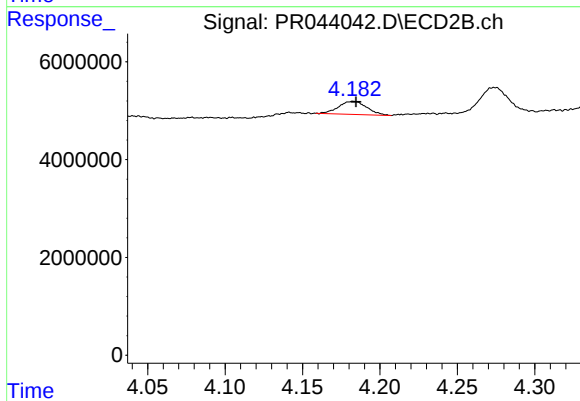
#7 AR-1016-5

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 26041627
Conc: 110.22 ng/ml



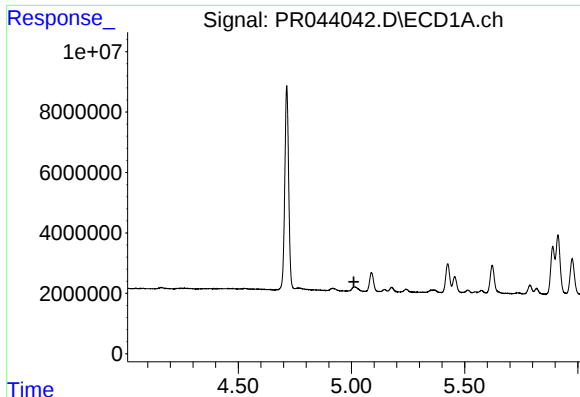
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#8 AR-1221-1

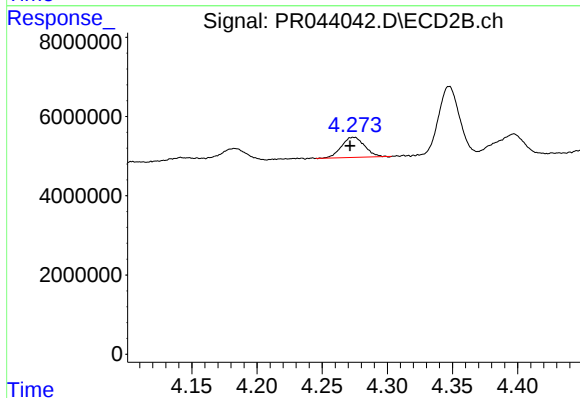
R.T.: 4.183 min
Delta R.T.: -0.002 min
Response: 3372711
Conc: 29.55 ng/ml



#9 AR-1221-2

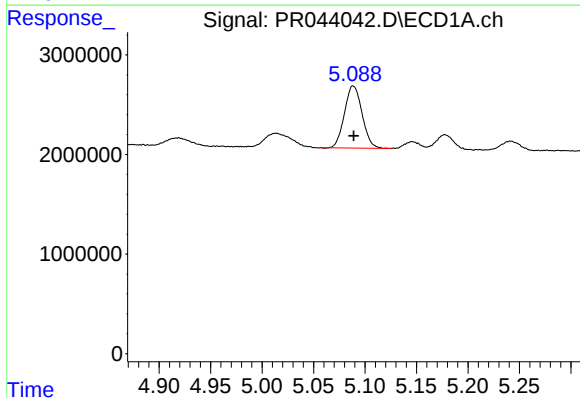
R.T.: 0.000 min
Exp R.T.: 5.011 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



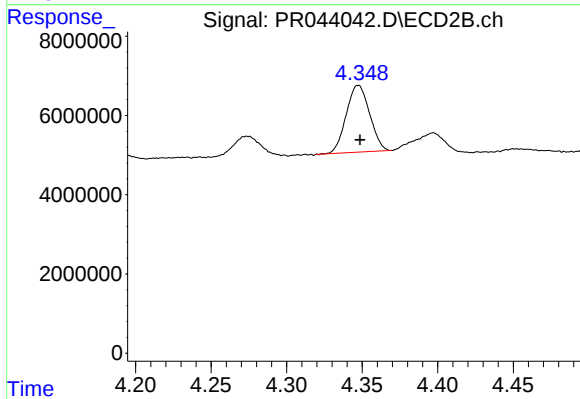
#9 AR-1221-2

R.T.: 4.274 min
Delta R.T.: 0.003 min
Response: 6253899
Conc: 76.65 ng/ml



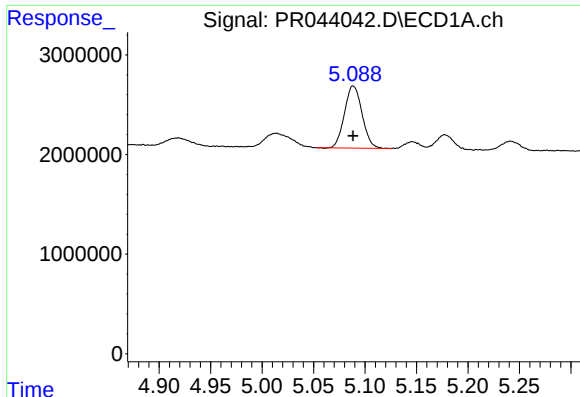
#10 AR-1221-3

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 7428744
Conc: 75.74 ng/ml



#10 AR-1221-3

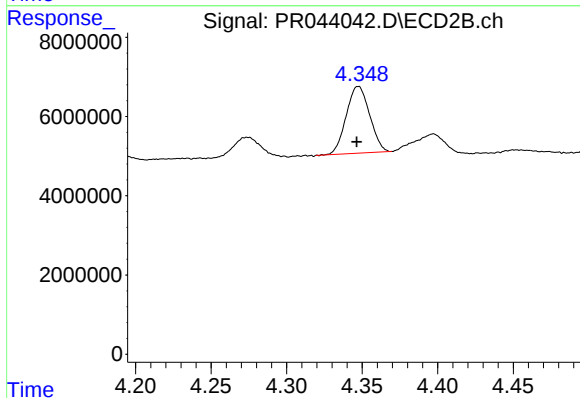
R.T.: 4.347 min
Delta R.T.: -0.001 min
Response: 18143647
Conc: 65.03 ng/ml



#11 AR-1232-1

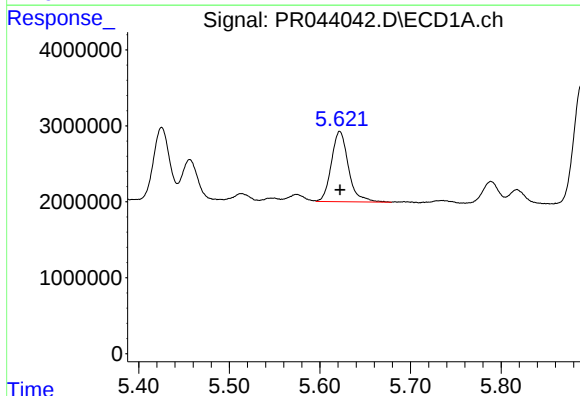
R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 7428744
Conc: 92.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



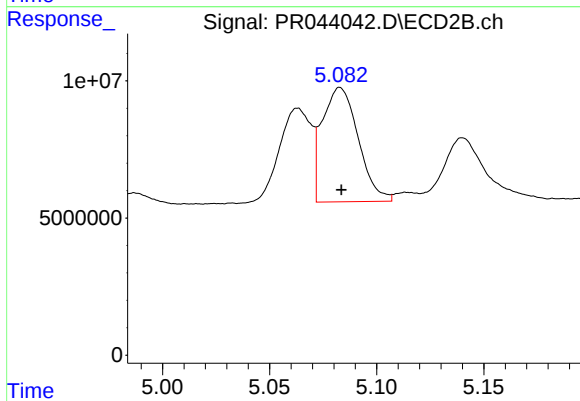
#11 AR-1232-1

R.T.: 4.347 min
Delta R.T.: 0.001 min
Response: 18143647
Conc: 78.63 ng/ml



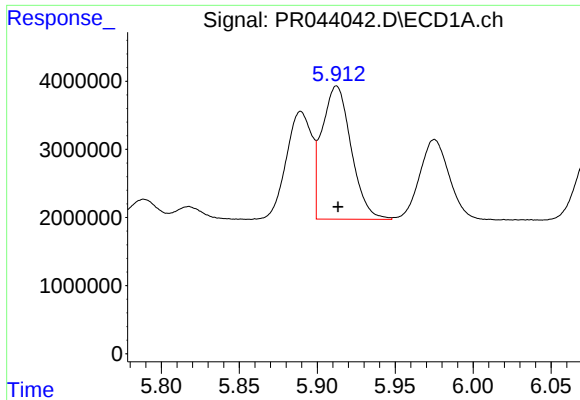
#12 AR-1232-2

R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 12115113
Conc: 274.26 ng/ml



#12 AR-1232-2

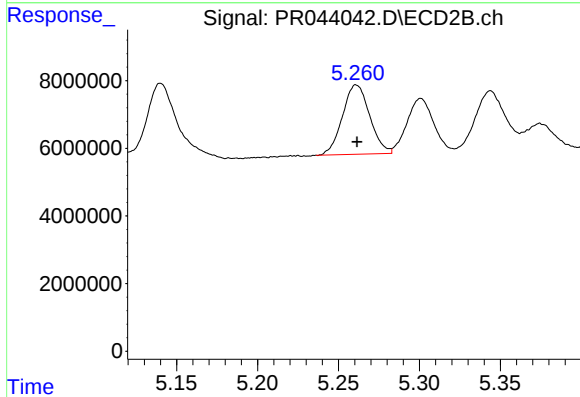
R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 48843932
Conc: 224.33 ng/ml



#13 AR-1232-3

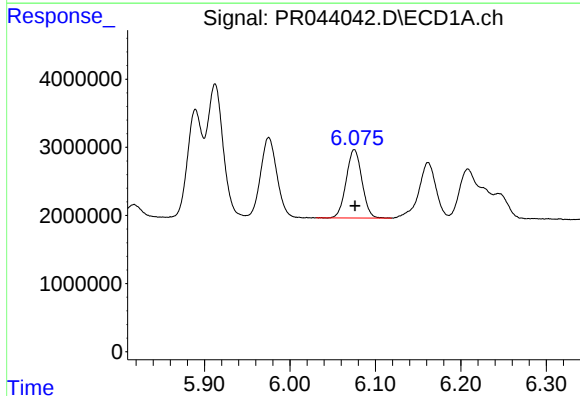
R.T.: 5.912 min
Delta R.T.: -0.001 min
Response: 25573647
Conc: 267.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



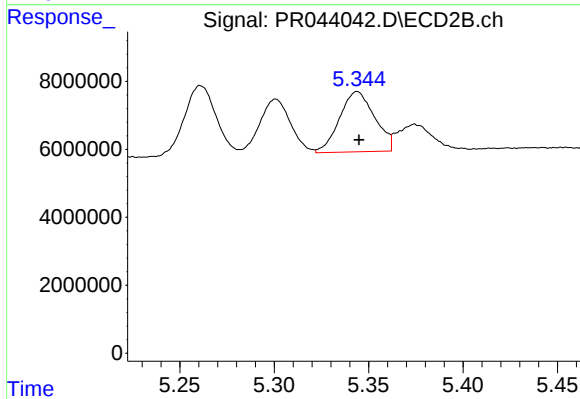
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 23967801
Conc: 252.80 ng/ml



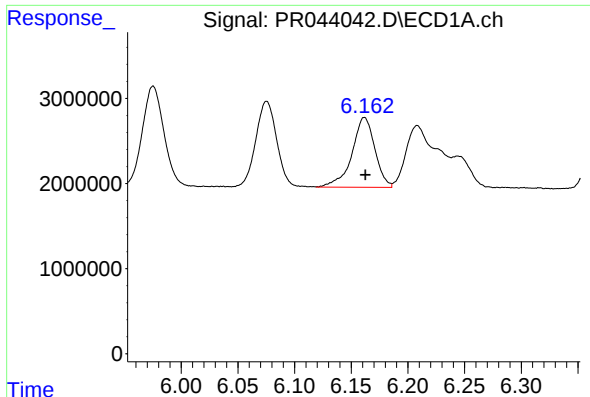
#14 AR-1232-4

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 12900482
Conc: 275.62 ng/ml



#14 AR-1232-4

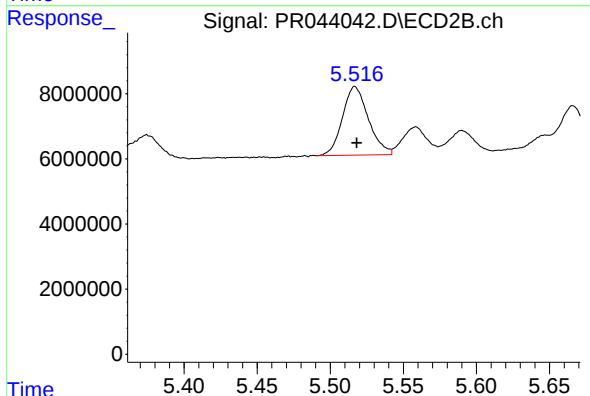
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 22916334
Conc: 264.65 ng/ml



#15 AR-1232-5

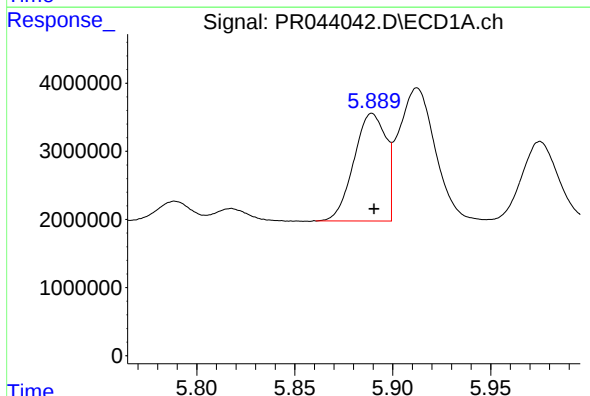
R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 11547733
Conc: 337.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



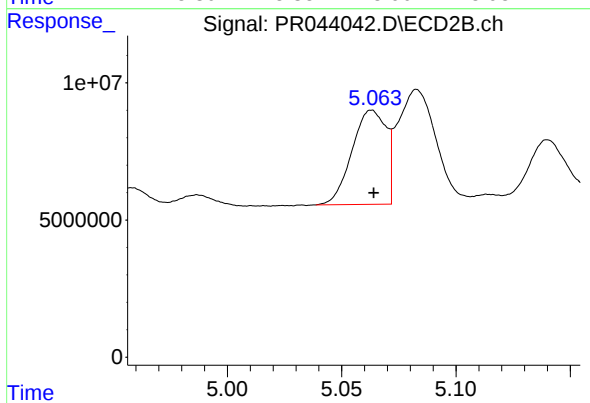
#15 AR-1232-5

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 26041627
Conc: 264.83 ng/ml



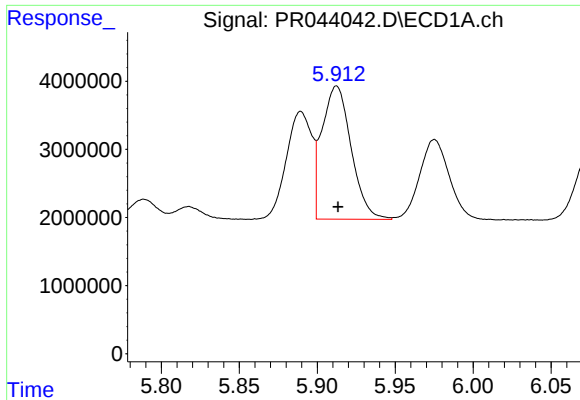
#16 AR-1242-1

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 17904588
Conc: 141.51 ng/ml



#16 AR-1242-1

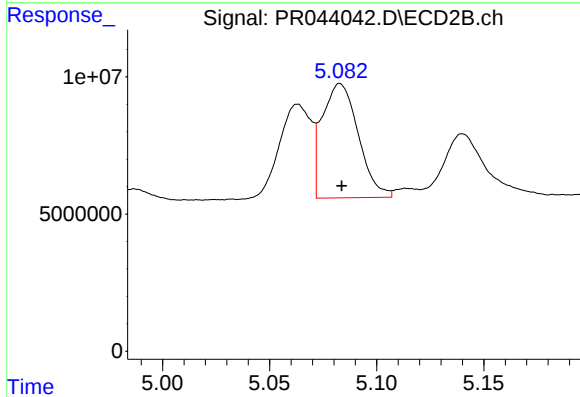
R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 35599430
Conc: 123.74 ng/ml



#17 AR-1242-2

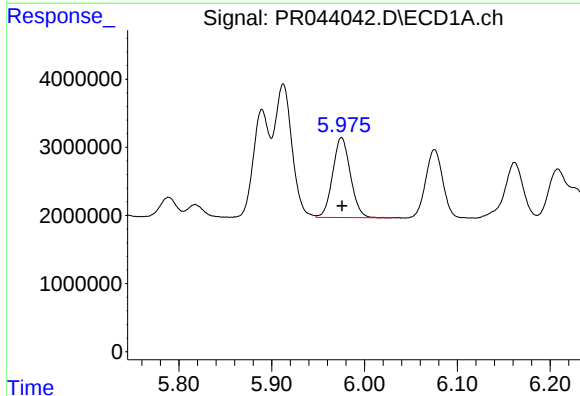
R.T.: 5.912 min
Delta R.T.: -0.001 min
Response: 25573647
Conc: 141.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



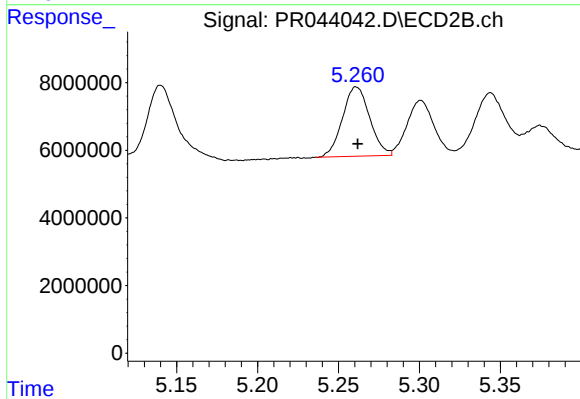
#17 AR-1242-2

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 48843932
Conc: 123.52 ng/ml



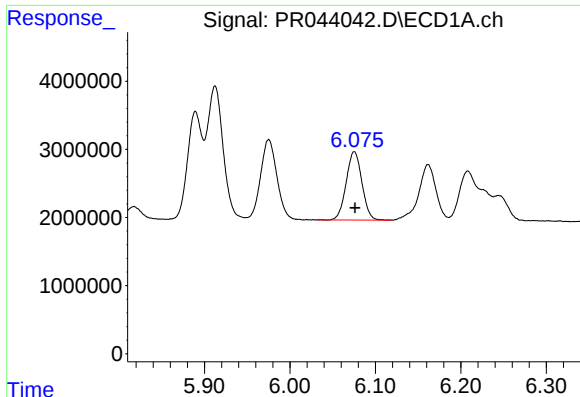
#18 AR-1242-3

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 15615192
Conc: 143.83 ng/ml



#18 AR-1242-3

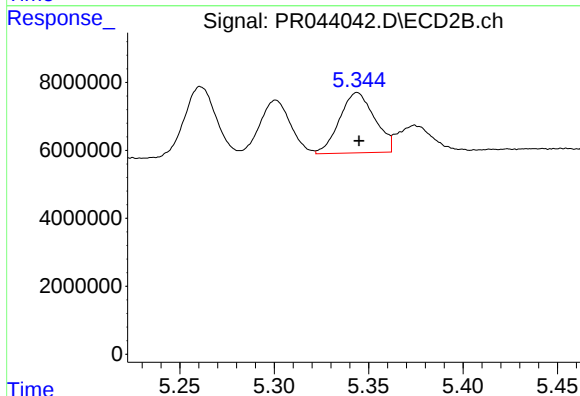
R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 23967801
Conc: 126.11 ng/ml



#19 AR-1242-4

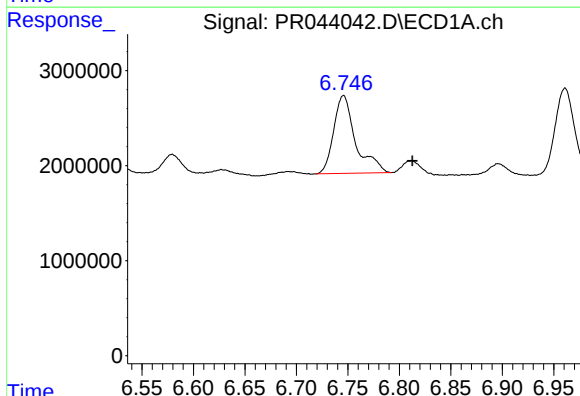
R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 12900482
Conc: 142.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



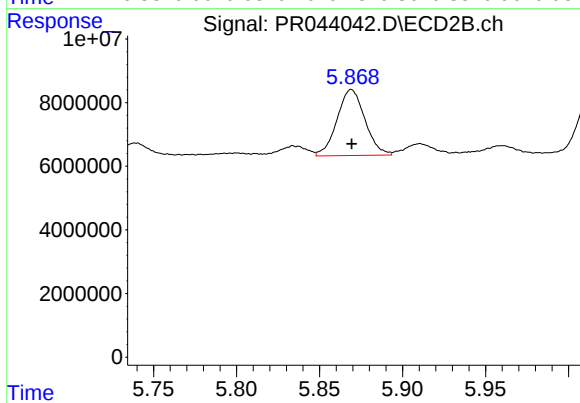
#19 AR-1242-4

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 22916334
Conc: 125.34 ng/ml



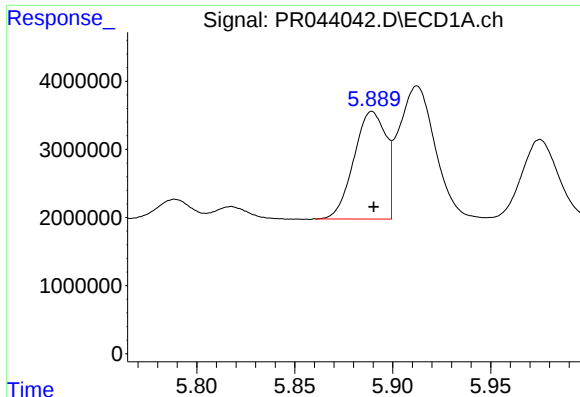
#20 AR-1242-5

R.T.: 6.746 min
Delta R.T.: -0.067 min
Response: 12136323
Conc: 110.47 ng/ml



#20 AR-1242-5

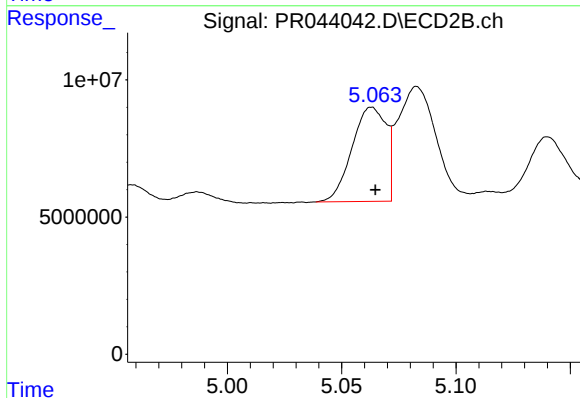
R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 24246714
Conc: 81.74 ng/ml



#21 AR-1248-1

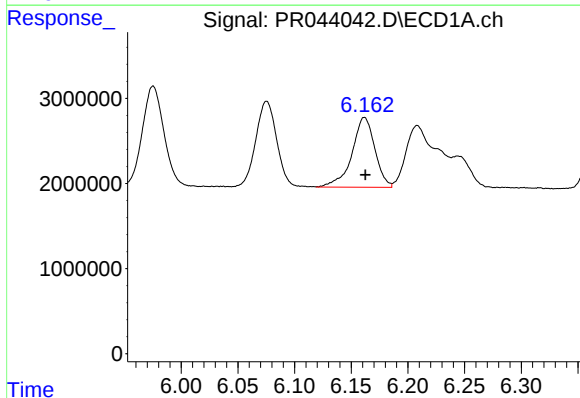
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 17904588
Conc: 178.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



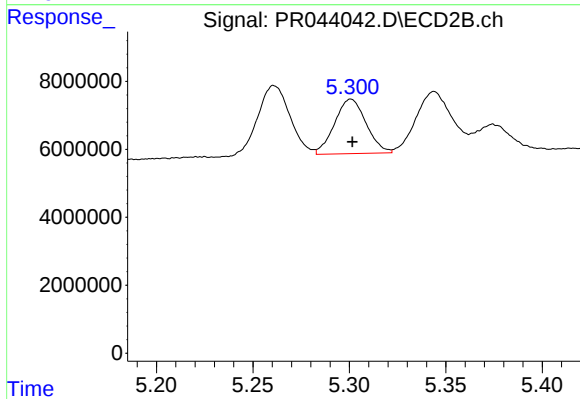
#21 AR-1248-1

R.T.: 5.063 min
Delta R.T.: -0.002 min
Response: 35599430
Conc: 154.72 ng/ml



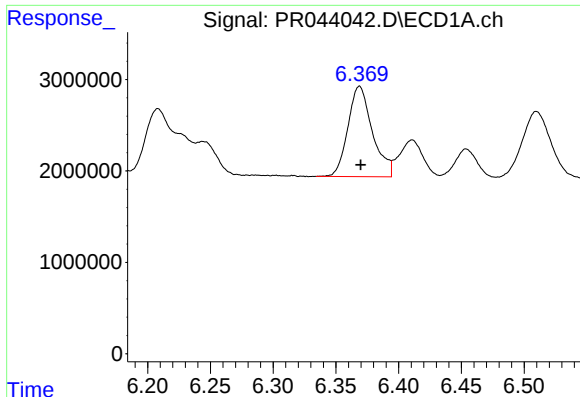
#22 AR-1248-2

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 11547733
Conc: 84.23 ng/ml



#22 AR-1248-2

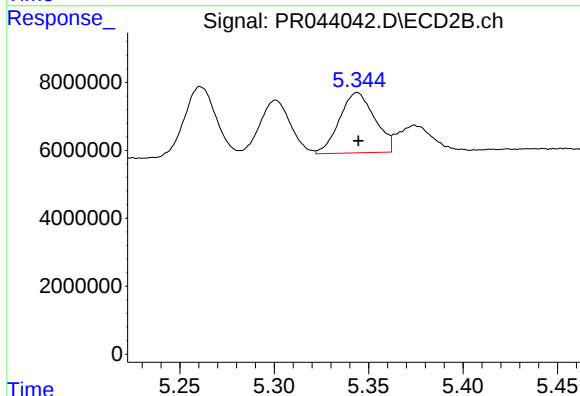
R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 18221189
Conc: 69.64 ng/ml



#23 AR-1248-3

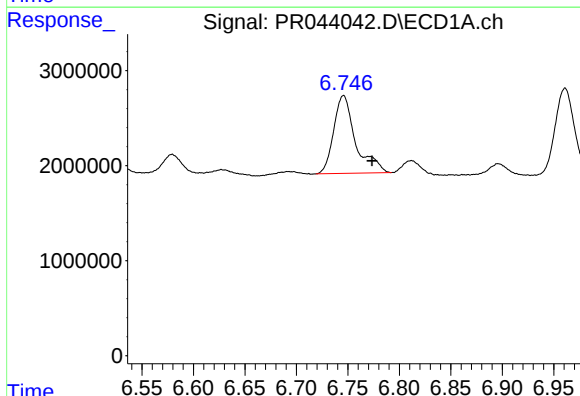
R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 13420412
Conc: 84.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



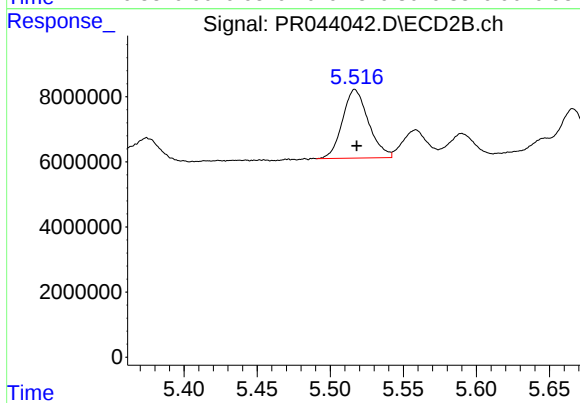
#23 AR-1248-3

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 22916334
Conc: 86.56 ng/ml



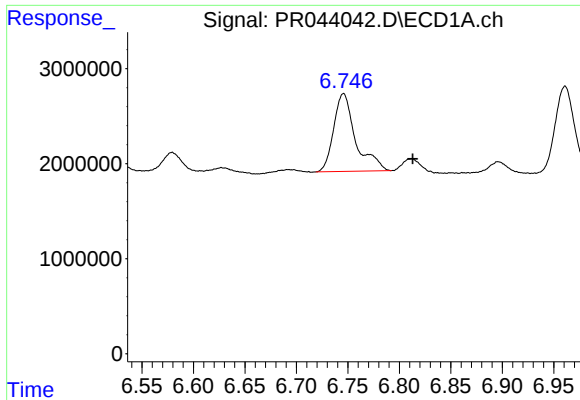
#24 AR-1248-4

R.T.: 6.746 min
Delta R.T.: -0.028 min
Response: 12136323
Conc: 62.50 ng/ml



#24 AR-1248-4

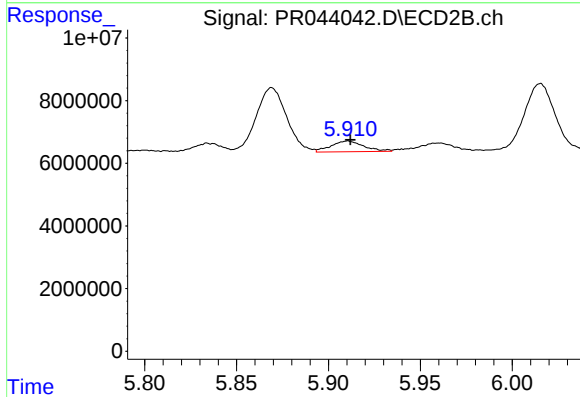
R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 26041627
Conc: 78.26 ng/ml



#25 AR-1248-5

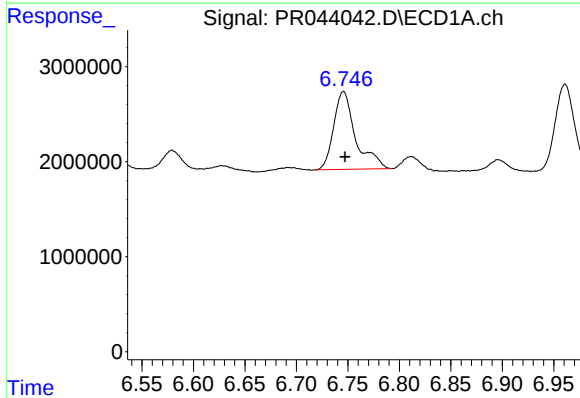
R.T.: 6.746 min
Delta R.T.: -0.067 min
Response: 12136323
Conc: 66.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



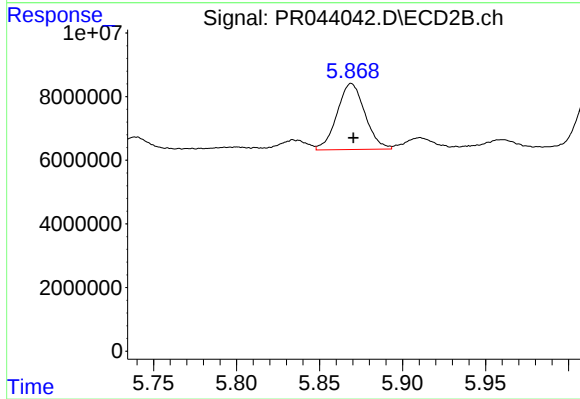
#25 AR-1248-5

R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 4317392
Conc: 10.56 ng/ml



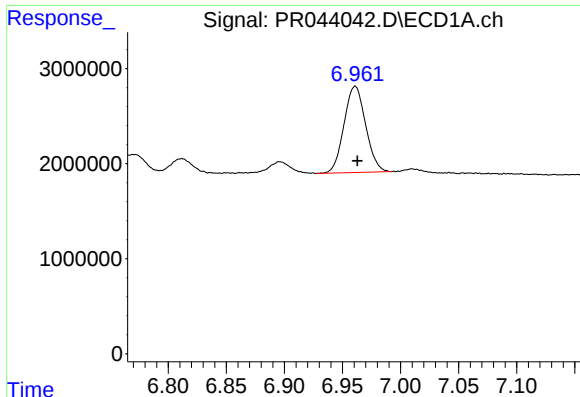
#26 AR-1254-1

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 12136323
Conc: 63.51 ng/ml



#26 AR-1254-1

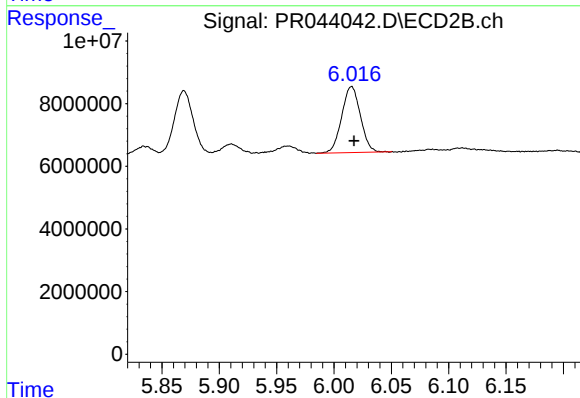
R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 24246714
Conc: 40.27 ng/ml



#27 AR-1254-2

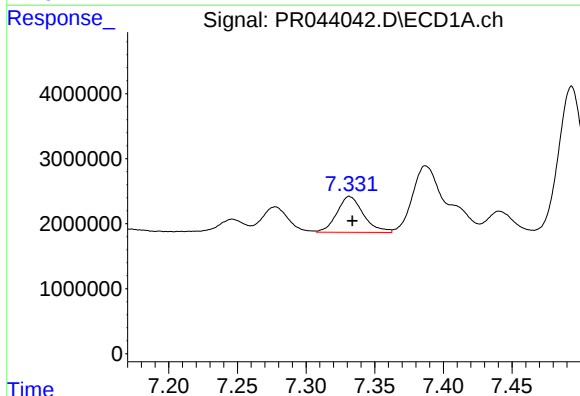
R.T.: 6.961 min
Delta R.T.: -0.002 min
Response: 11778234
Conc: 38.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



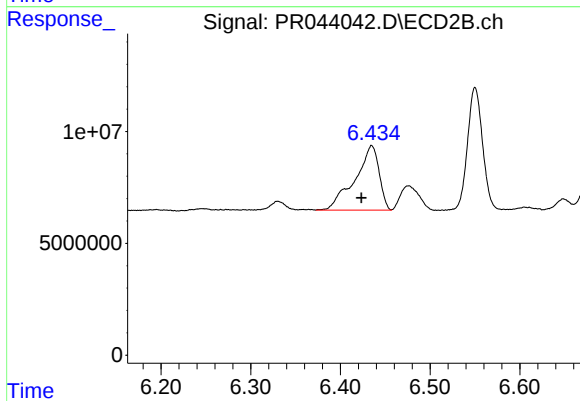
#27 AR-1254-2

R.T.: 6.015 min
Delta R.T.: -0.002 min
Response: 23984342
Conc: 44.20 ng/ml



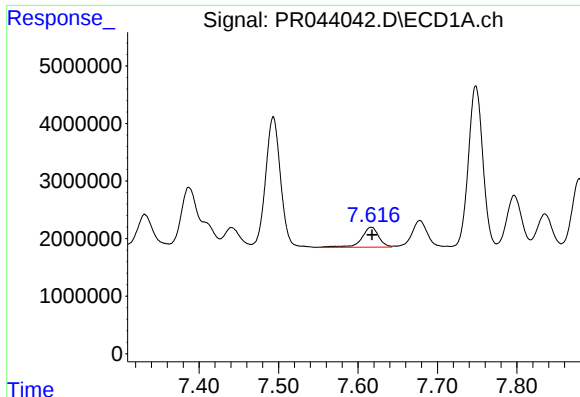
#28 AR-1254-3

R.T.: 7.332 min
Delta R.T.: -0.002 min
Response: 7425535
Conc: 21.53 ng/ml



#28 AR-1254-3

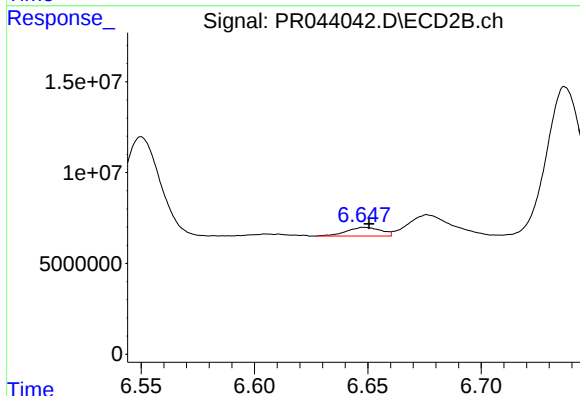
R.T.: 6.435 min
Delta R.T.: 0.012 min
Response: 54058582
Conc: 56.70 ng/ml



#29 AR-1254-4

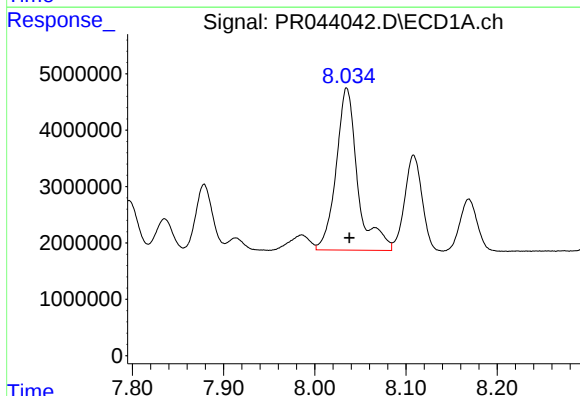
R.T.: 7.617 min
Delta R.T.: -0.001 min
Response: 5210675
Conc: 19.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



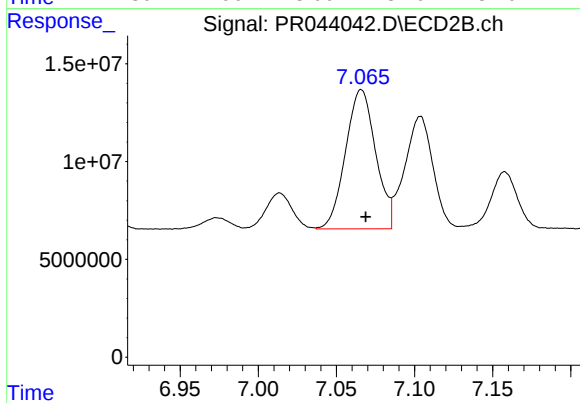
#29 AR-1254-4

R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 5105360
Conc: 7.70 ng/ml



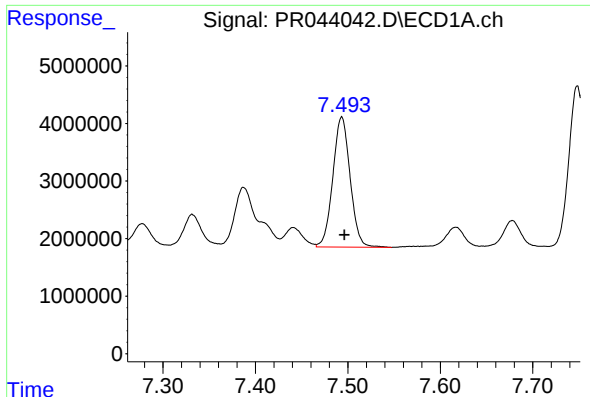
#30 AR-1254-5

R.T.: 8.035 min
Delta R.T.: -0.003 min
Response: 47257613
Conc: 166.76 ng/ml



#30 AR-1254-5

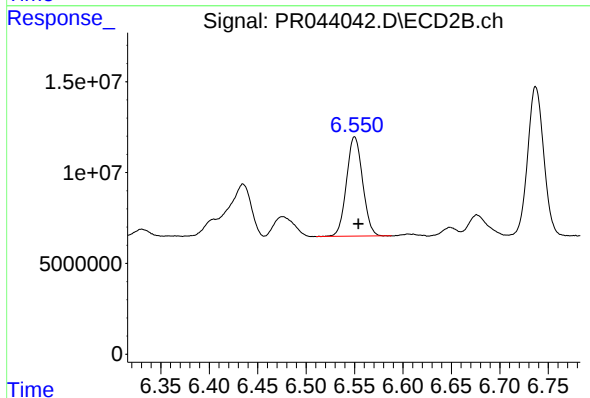
R.T.: 7.066 min
Delta R.T.: -0.003 min
Response: 95453669
Conc: 109.69 ng/ml



#31 AR-1260-1

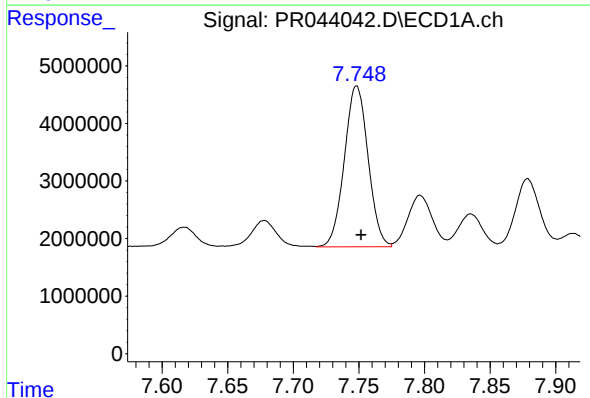
R.T.: 7.493 min
Delta R.T.: -0.003 min
Response: 29415986
Conc: 127.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



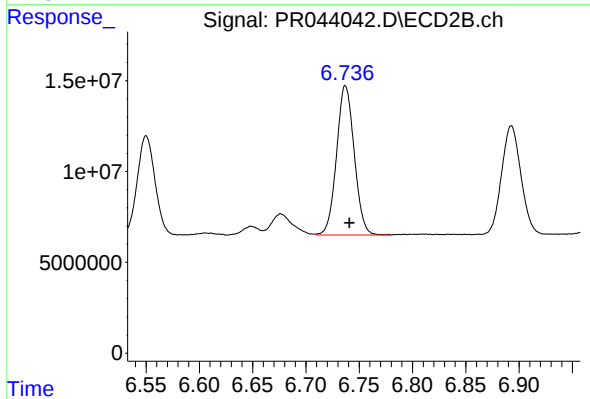
#31 AR-1260-1

R.T.: 6.550 min
Delta R.T.: -0.004 min
Response: 63312023
Conc: 115.85 ng/ml



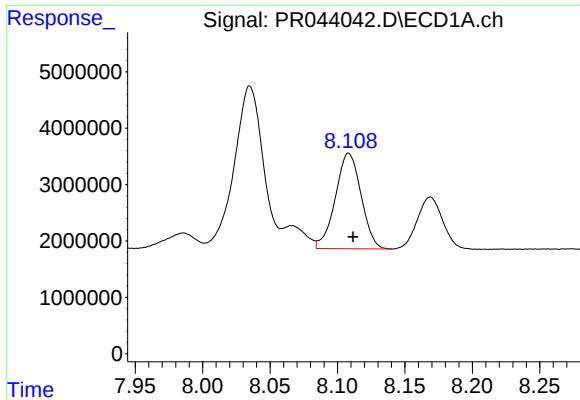
#32 AR-1260-2

R.T.: 7.748 min
Delta R.T.: -0.003 min
Response: 35174700
Conc: 123.28 ng/ml



#32 AR-1260-2

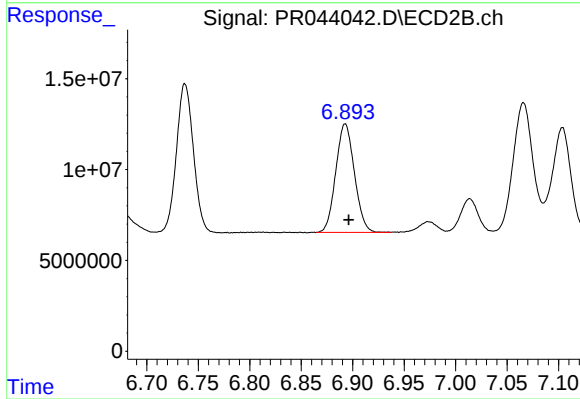
R.T.: 6.737 min
Delta R.T.: -0.004 min
Response: 94918231
Conc: 118.27 ng/ml



#33 AR-1260-3

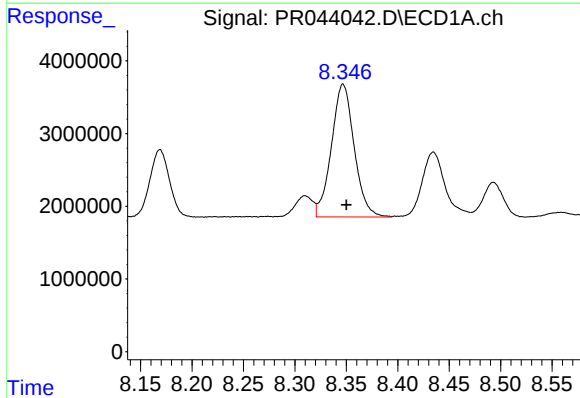
R.T.: 8.108 min
Delta R.T.: -0.003 min
Response: 22546699
Conc: 100.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



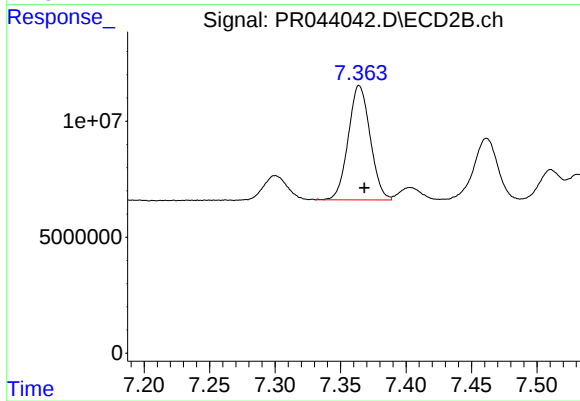
#33 AR-1260-3

R.T.: 6.893 min
Delta R.T.: -0.003 min
Response: 75369980
Conc: 112.85 ng/ml



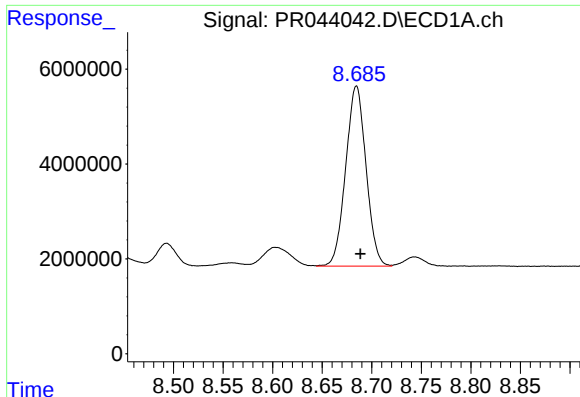
#34 AR-1260-4

R.T.: 8.347 min
Delta R.T.: -0.003 min
Response: 28128531
Conc: 108.63 ng/ml



#34 AR-1260-4

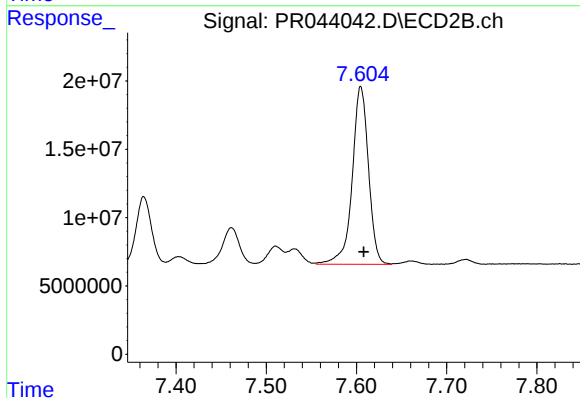
R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 57487165
Conc: 102.41 ng/ml



#35 AR-1260-5

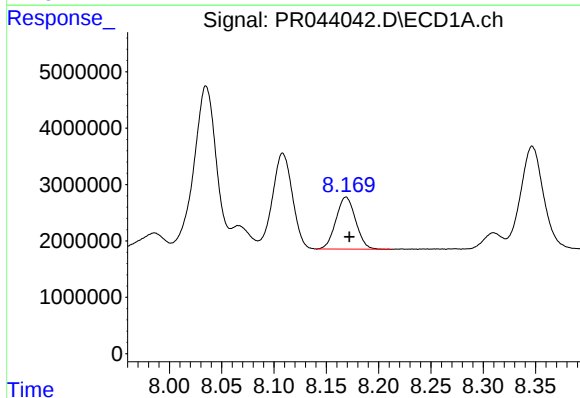
R.T.: 8.684 min
Delta R.T.: -0.004 min
Response: 54255055
Conc: 97.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



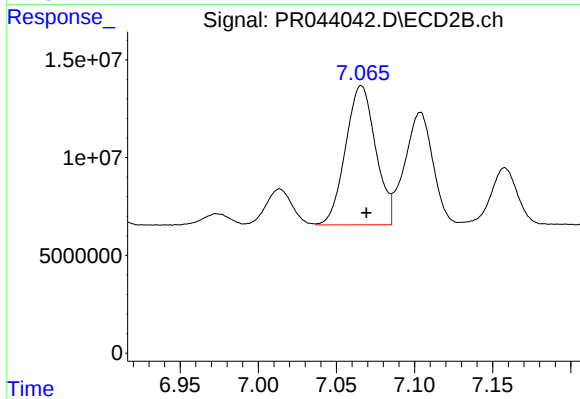
#35 AR-1260-5

R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 163100780
Conc: 96.89 ng/ml



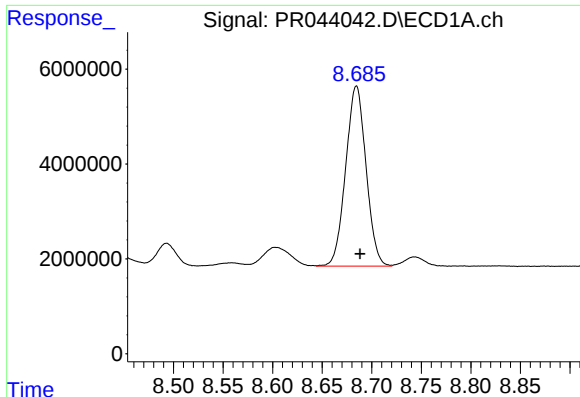
#36 AR-1262-1

R.T.: 8.169 min
Delta R.T.: -0.003 min
Response: 12123571
Conc: 84.29 ng/ml



#36 AR-1262-1

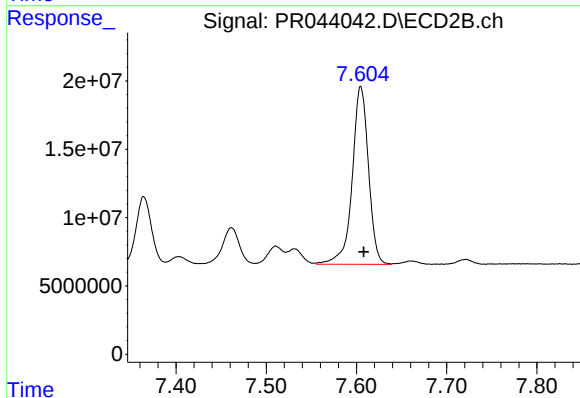
R.T.: 7.066 min
Delta R.T.: -0.003 min
Response: 95453669
Conc: 192.96 ng/ml



#37 AR-1262-2

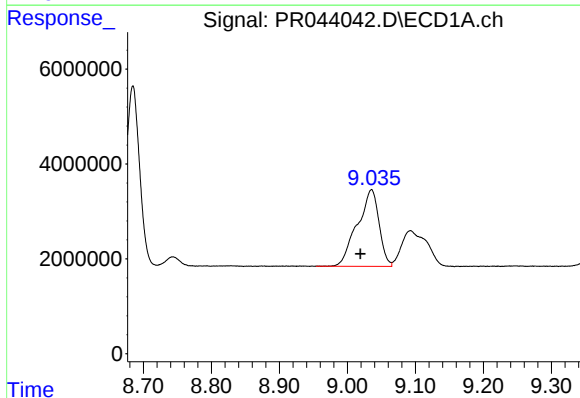
R.T.: 8.684 min
Delta R.T.: -0.004 min
Response: 54255055
Conc: 76.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



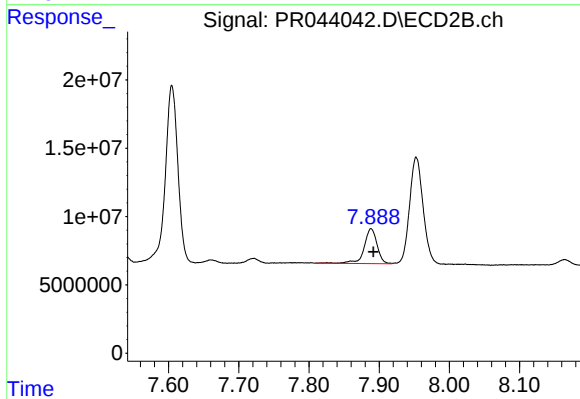
#37 AR-1262-2

R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 163100780
Conc: 75.01 ng/ml



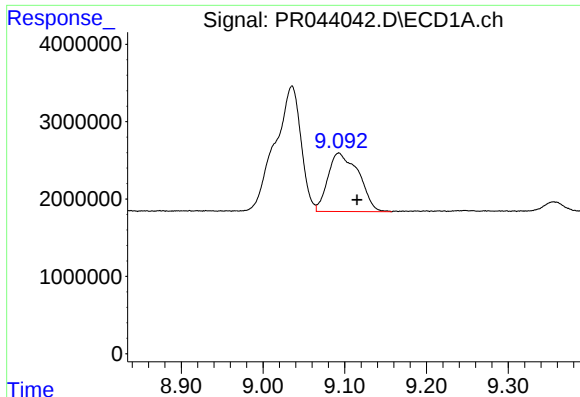
#38 AR-1262-3

R.T.: 9.035 min
Delta R.T.: 0.016 min
Response: 35824655
Conc: 77.77 ng/ml



#38 AR-1262-3

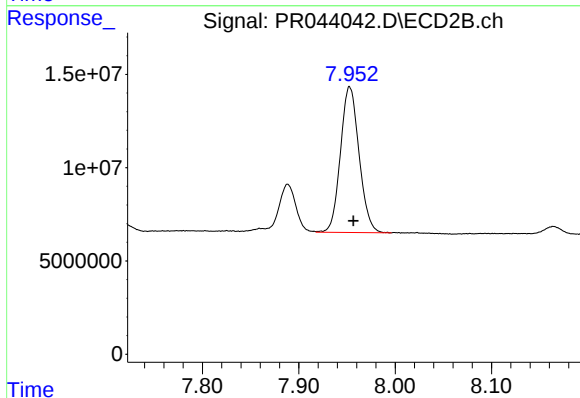
R.T.: 7.889 min
Delta R.T.: -0.003 min
Response: 32523911
Conc: 37.66 ng/ml



#39 AR-1262-4

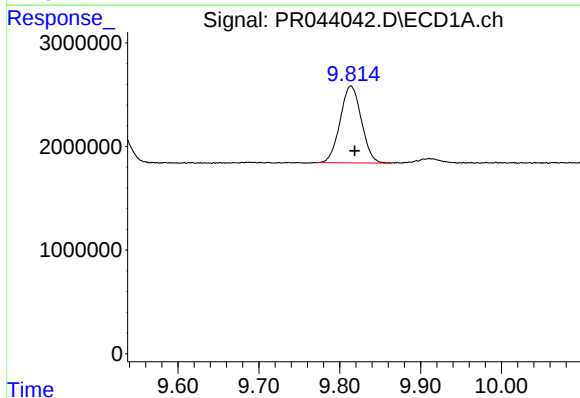
R.T.: 9.093 min
Delta R.T.: -0.022 min
Response: 19684796
Conc: 57.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



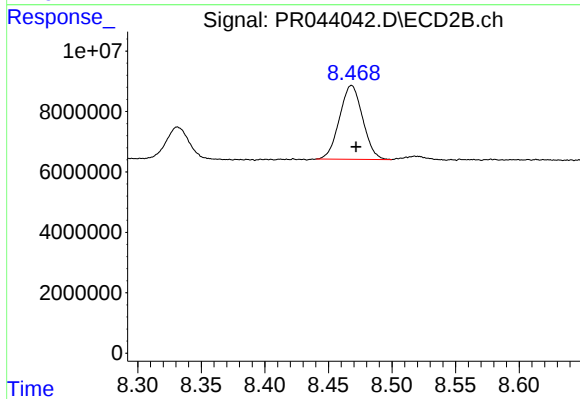
#39 AR-1262-4

R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 104432565
Conc: 73.45 ng/ml



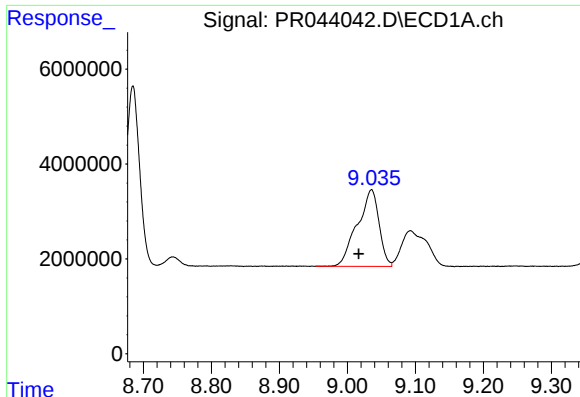
#40 AR-1262-5

R.T.: 9.814 min
Delta R.T.: -0.005 min
Response: 13509276
Conc: 56.27 ng/ml



#40 AR-1262-5

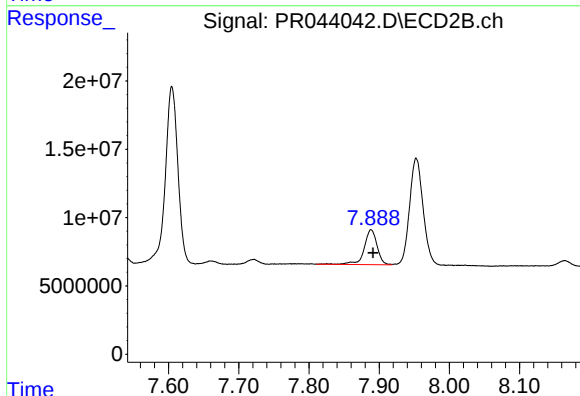
R.T.: 8.468 min
Delta R.T.: -0.004 min
Response: 30989606
Conc: 48.47 ng/ml



#41 AR-1268-1

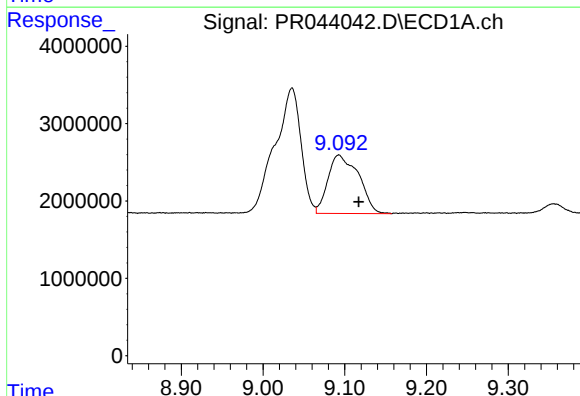
R.T.: 9.035 min
Delta R.T.: 0.019 min
Response: 35824655
Conc: 44.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



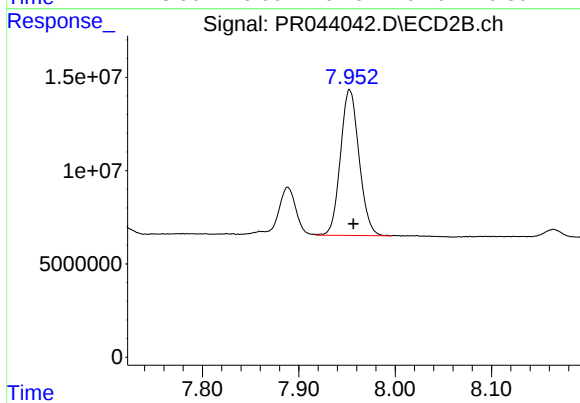
#41 AR-1268-1

R.T.: 7.889 min
Delta R.T.: -0.003 min
Response: 32523911
Conc: 13.30 ng/ml



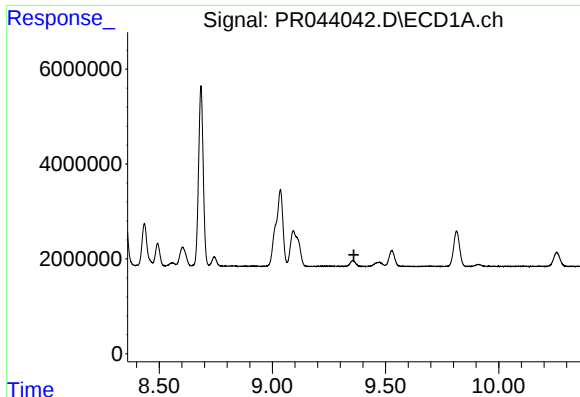
#42 AR-1268-2

R.T.: 9.093 min
Delta R.T.: -0.024 min
Response: 19684796
Conc: 26.72 ng/ml



#42 AR-1268-2

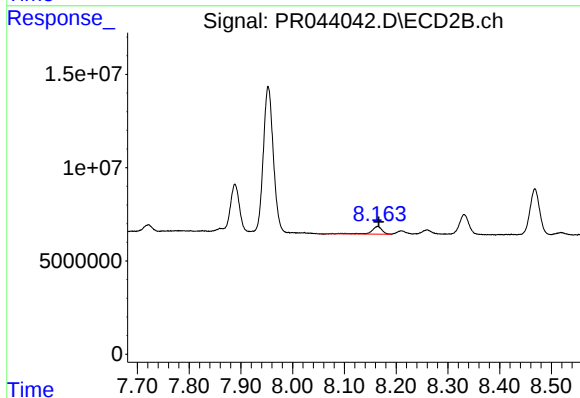
R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 104432565
Conc: 49.93 ng/ml



#43 AR-1268-3

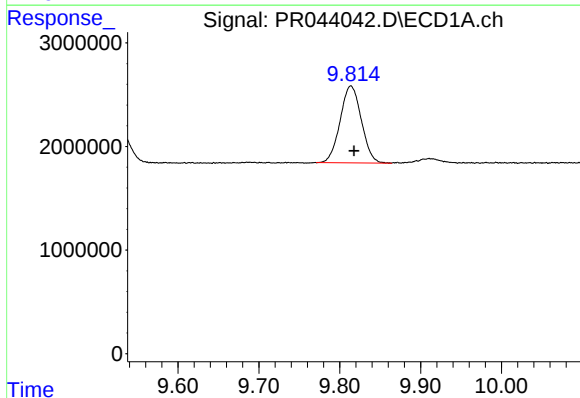
R.T.: 0.000 min
Exp R.T.: 9.360 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



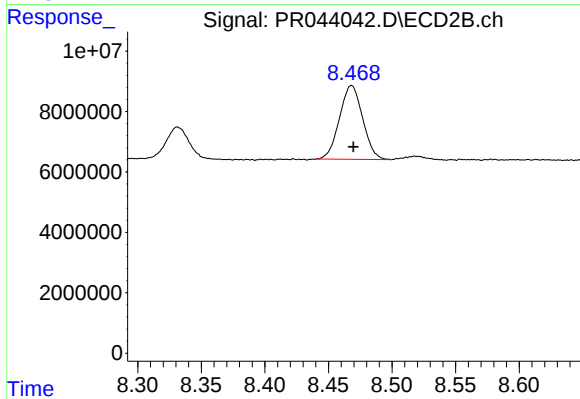
#43 AR-1268-3

R.T.: 8.164 min
Delta R.T.: -0.002 min
Response: 5534291
Conc: 3.07 ng/ml



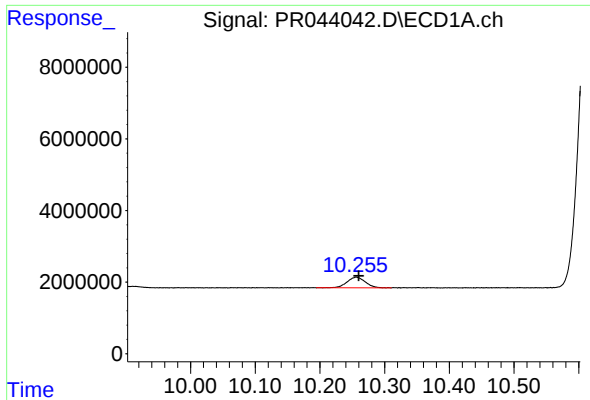
#44 AR-1268-4

R.T.: 9.814 min
Delta R.T.: -0.004 min
Response: 13509276
Conc: 51.06 ng/ml



#44 AR-1268-4

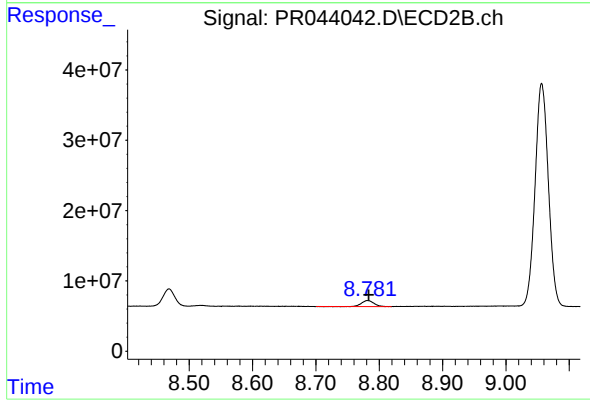
R.T.: 8.468 min
Delta R.T.: -0.002 min
Response: 30989606
Conc: 43.98 ng/ml



#45 AR-1268-5

R.T.: 10.256 min
Delta R.T.: -0.004 min
Response: 5816414
Conc: 2.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.782 min
Delta R.T.: -0.002 min
Response: 11744715
Conc: 2.41 ng/ml