

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110419\
 Data File : PR042804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2019 12:22
 Operator : SM\AJ
 Sample : K5642-10RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 S1-10-ARE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 14:33:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 01 09:55:27 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...	4.710	3.972	83133898	302.0E6	14.104	15.061
2)	SA Decachlor...	10.622	9.069	37066460	91723166	9.262	7.299
Target Compounds							
3)	L1 AR-1016-1	5.919	5.107	12982915	43160151	72.367	74.397
4)	L1 AR-1016-2	5.919	5.107	12982915	43160151	52.101	55.073
5)	L1 AR-1016-3	5.984	5.266	11051535	56424672	73.483	153.457 #
6)	L1 AR-1016-4	6.050	5.266	185.3E6	56424672	1476.162	205.823 #
7)	L1 AR-1016-5	6.383	5.537	46735380	-22381717	377.392	N.D. #
8)	L2 AR-1221-1	0.000	4.171	0	5524956	N.D.	30.540 #
9)	L2 AR-1221-2	4.992	4.280	1231321	9083037	33.101	68.682 #
10)	L2 AR-1221-3	5.100	4.340	3792109	39084470	32.829	94.500 #
11)	L3 AR-1232-1	5.100	4.340	3792109	39084470	23.734	67.714 #
12)	L3 AR-1232-2	5.607	5.107	12921605	43160151	152.936	78.613 #
13)	L3 AR-1232-3	5.919	5.266	12982915	56424672	75.389	218.072 #
14)	L3 AR-1232-4	6.050	5.390	185.3E6	91418218	2166.354	454.972 #
15)	L3 AR-1232-5	6.173	5.537	27724988	-22381717	428.045	N.D. #
16)	L4 AR-1242-1	5.919	5.107	12982915	43160151	101.837	103.445
17)	L4 AR-1242-2	5.919	5.107	12982915	43160151	72.374	76.678
18)	L4 AR-1242-3	5.984	5.266	11051535	56424672	102.269	207.740 #
19)	L4 AR-1242-4	6.050	5.390	185.3E6	91418218	2055.599	387.890 #
20)	L4 AR-1242-5	6.789	5.889	253.7E6	635.0E6	2537.624	2153.098
21)	L5 AR-1248-1	5.919	5.107	12982915	43160151	136.844	136.612
22)	L5 AR-1248-2	6.173	5.266	27724988	56424672	210.378	170.023
23)	L5 AR-1248-3	6.383	5.390	46735380	91418218	315.583	278.583
24)	L5 AR-1248-4	6.763	5.537	267.6E6	-22381717	1567.388	N.D. #
25)	L5 AR-1248-5	6.789	5.927	253.7E6	62066499	1564.248	160.112 #
26)	L6 AR-1254-1	6.763	5.889	267.6E6	635.0E6	1433.818	1007.681 #
27)	L6 AR-1254-2	6.984	6.029	187.7E6	70398475	642.903	120.498 #
28)	L6 AR-1254-3	7.349	6.440	103.9E6	37045104	329.845	36.002 #
29)	L6 AR-1254-4	7.631	6.683	15172822	49668056	64.738	65.131
30)	L6 AR-1254-5	8.055	7.048	30892415	247.3E6	122.872	268.259 #
31)	L7 AR-1260-1	7.498	6.553	12794363	20130970	61.539	33.214 #
32)	L7 AR-1260-2	7.755	6.741	212.8E6	42569026	870.330	49.231 #
33)	L7 AR-1260-3	8.108	6.904	8972733	19081781	49.637	26.869 #
34)	L7 AR-1260-4	8.338	7.372	7440356	10698045	35.652	18.324 #
35)	L7 AR-1260-5	8.686	7.611	6236987	7622290	15.043	4.725 #
36)	L8 AR-1262-1	8.108	7.193	8972733	15173871	30.407	34.926
37)	L8 AR-1262-2	8.686	7.611	6236987	7622290	11.199	3.647 #
38)	L8 AR-1262-3	9.036	7.931	3399583	323.9E6	9.513	386.217 #
39)	L8 AR-1262-4	0.000	7.931	0	323.9E6	N.D.	229.616 #
41)	L9 AR-1268-1	9.036	7.931	3399583	323.9E6	5.357	133.394 #
42)	L9 AR-1268-2	0.000	7.931	0	323.9E6	N.D.	150.769 #
45)	L9 AR-1268-5	10.258	8.791	3116147	15111779	1.991	2.934 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110419\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2019 12:22
Operator : SM\AJ
Sample : K5642-10RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:33:55 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 01 09:55:27 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

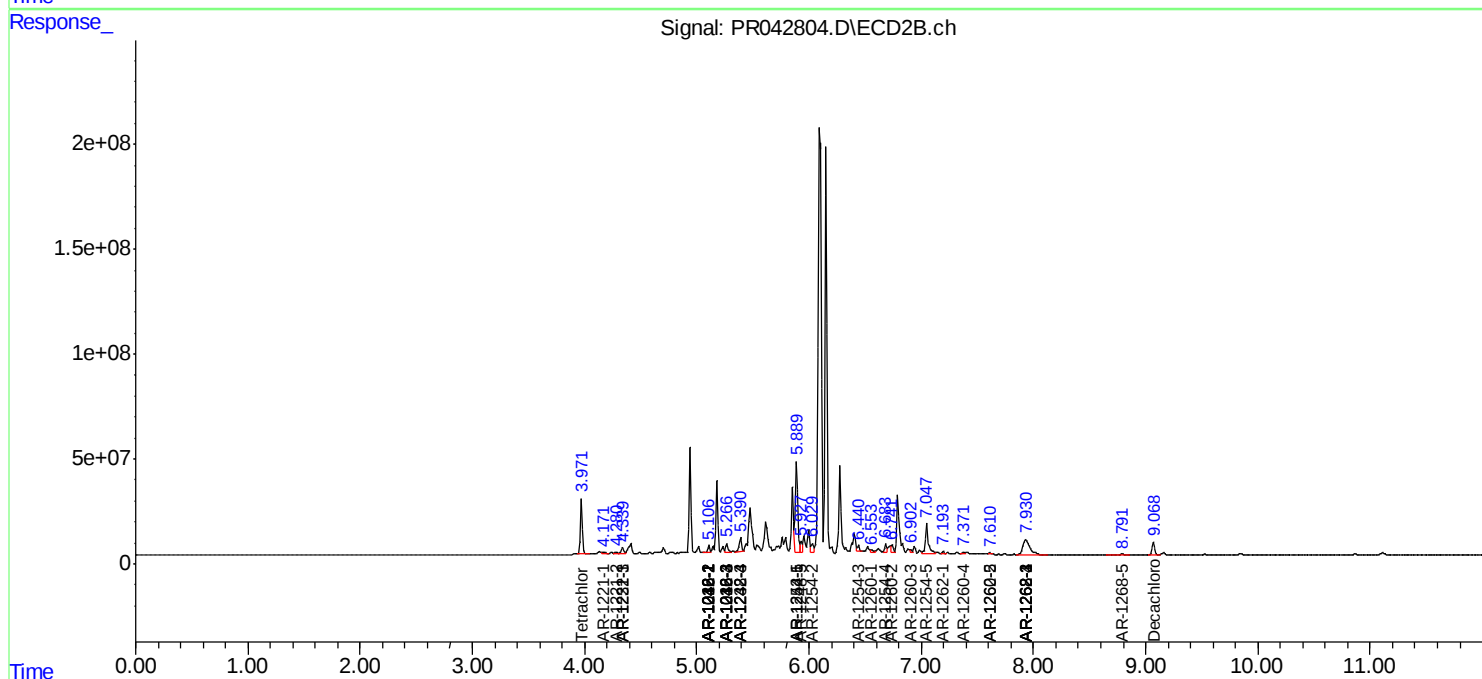
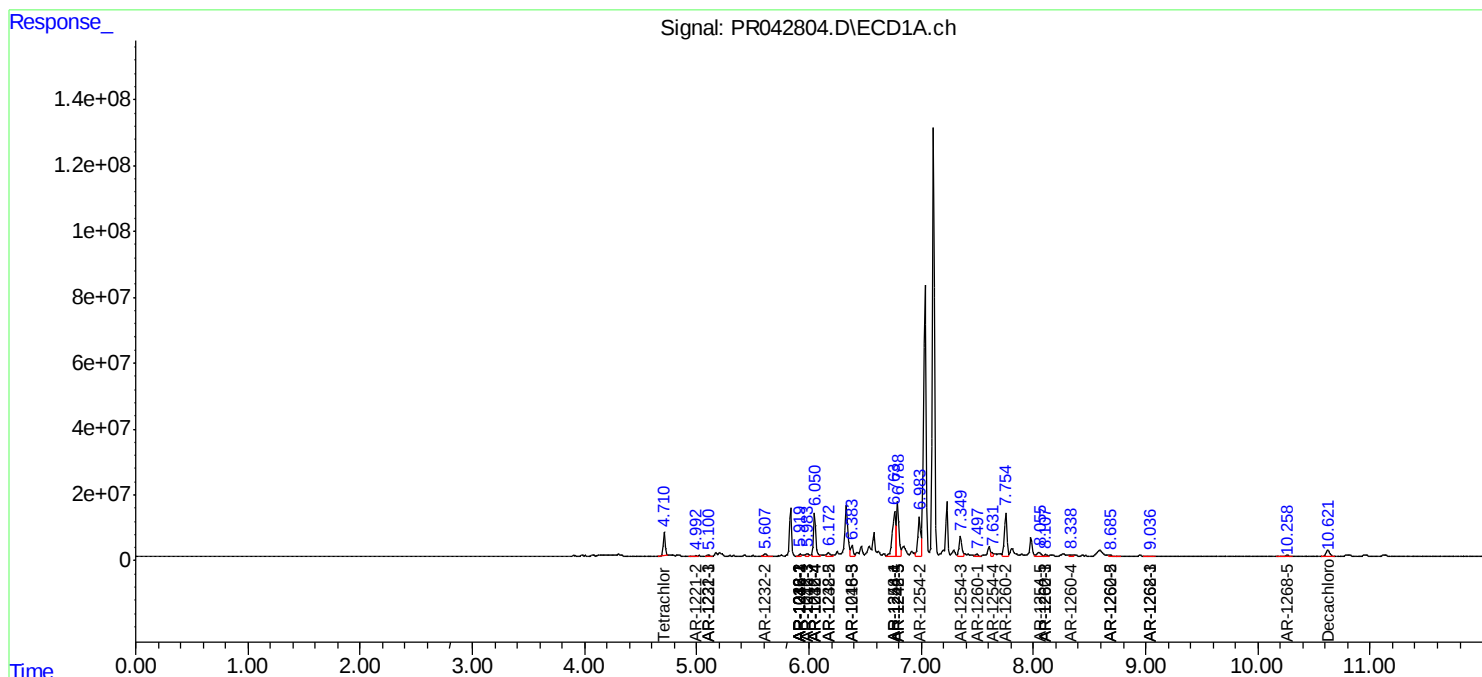
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

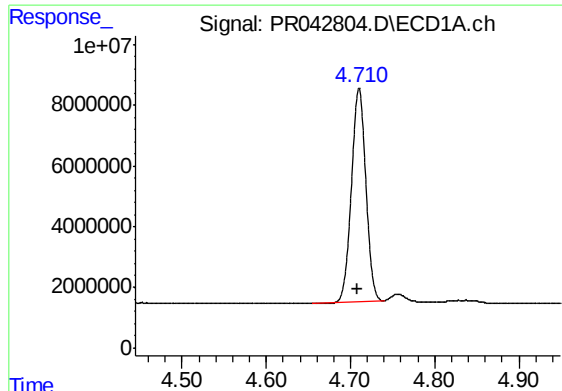
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110419\
Data File : PR042804.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2019 12:22
Operator : SM\AJ
Sample : K5642-10RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampled :
S1-10-ARE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:33:55 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 01 09:55:27 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

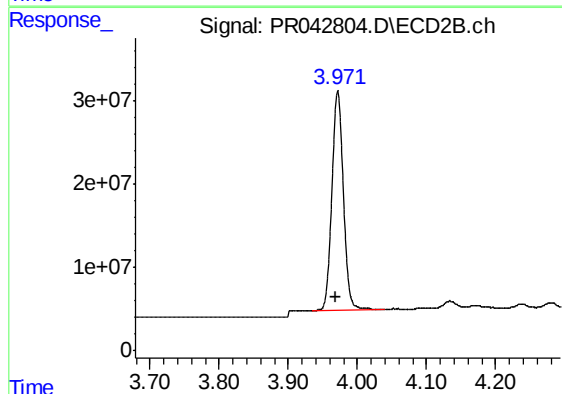




#1 Tetrachloro-m-xylene

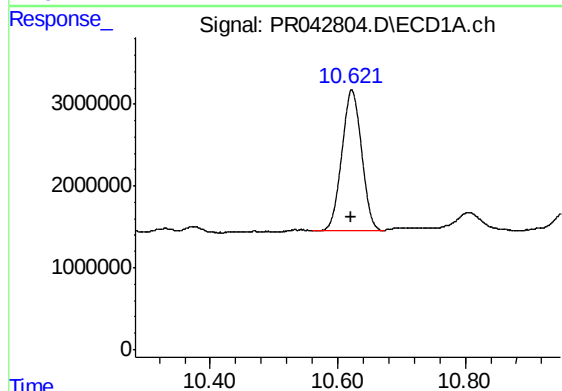
R.T.: 4.710 min
Delta R.T.: 0.001 min
Response: 83133898
Conc: 14.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



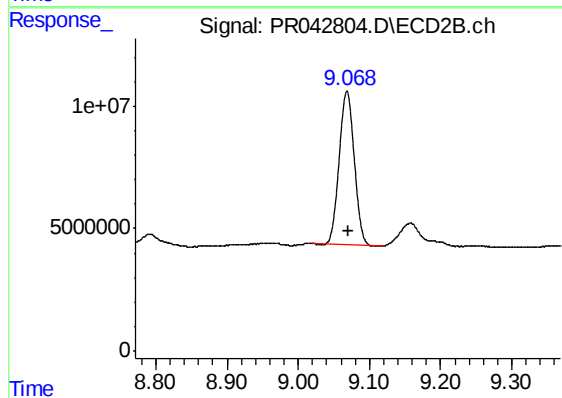
#1 Tetrachloro-m-xylene

R.T.: 3.972 min
Delta R.T.: 0.002 min
Response: 301986345
Conc: 15.06 ng/ml



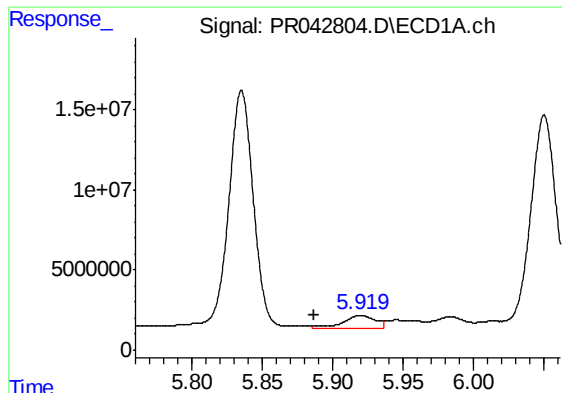
#2 Decachlorobiphenyl

R.T.: 10.622 min
Delta R.T.: 0.000 min
Response: 37066460
Conc: 9.26 ng/ml



#2 Decachlorobiphenyl

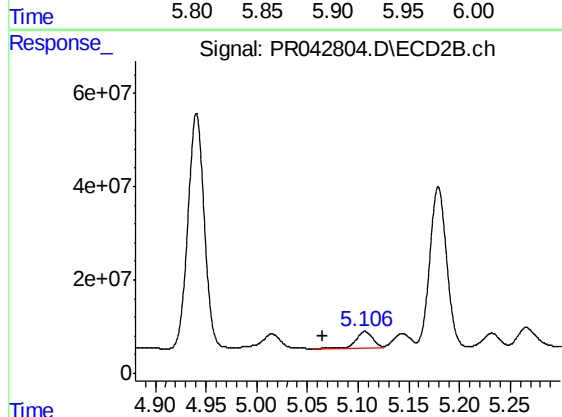
R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 91723166
Conc: 7.30 ng/ml



#3 AR-1016-1

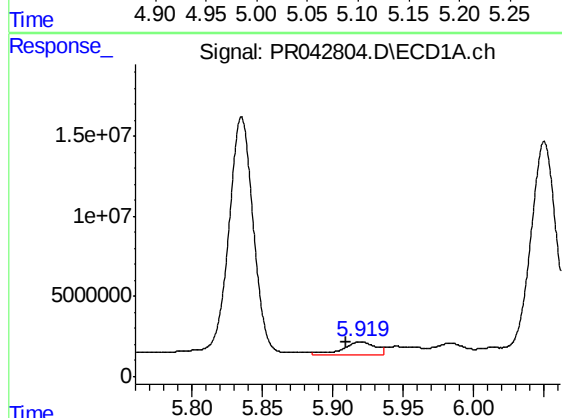
R.T.: 5.919 min
Delta R.T.: 0.033 min
Response: 12982915
Conc: 72.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



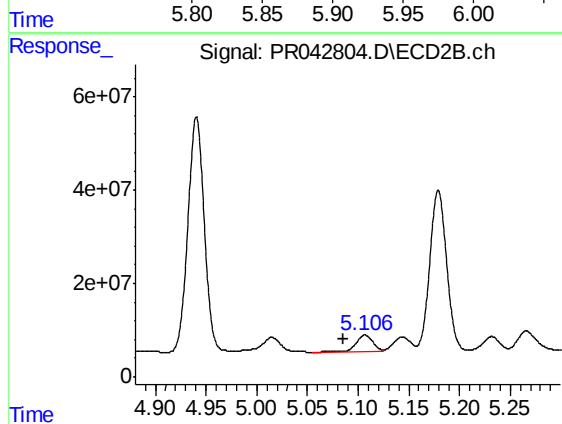
#3 AR-1016-1

R.T.: 5.107 min
Delta R.T.: 0.042 min
Response: 43160151
Conc: 74.40 ng/ml



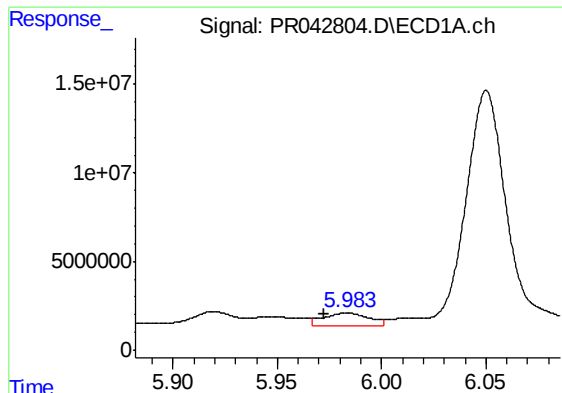
#4 AR-1016-2

R.T.: 5.919 min
Delta R.T.: 0.010 min
Response: 12982915
Conc: 52.10 ng/ml



#4 AR-1016-2

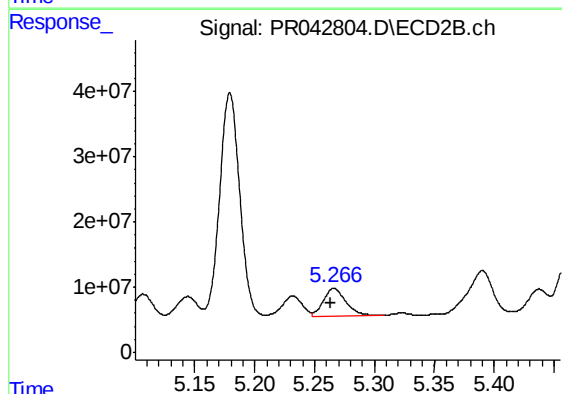
R.T.: 5.107 min
Delta R.T.: 0.022 min
Response: 43160151
Conc: 55.07 ng/ml



#5 AR-1016-3

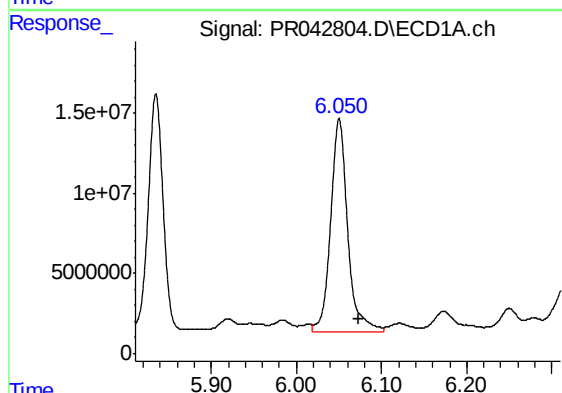
R.T.: 5.984 min
Delta R.T.: 0.011 min
Response: 11051535
Conc: 73.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



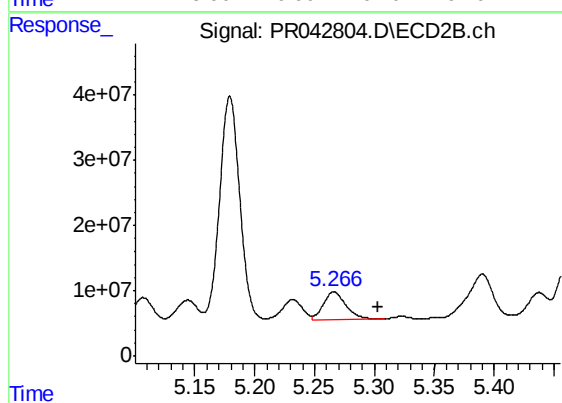
#5 AR-1016-3

R.T.: 5.266 min
Delta R.T.: 0.003 min
Response: 56424672
Conc: 153.46 ng/ml



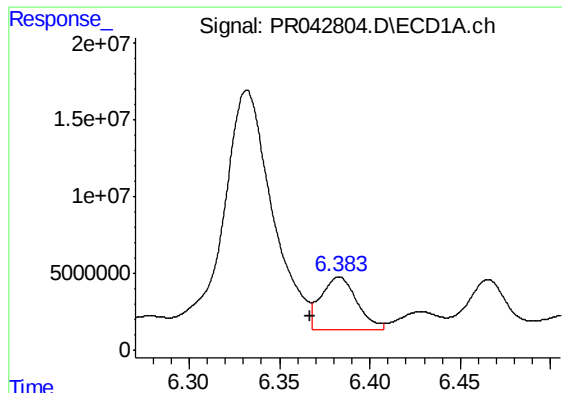
#6 AR-1016-4

R.T.: 6.050 min
Delta R.T.: -0.023 min
Response: 185257689
Conc: 1476.16 ng/ml



#6 AR-1016-4

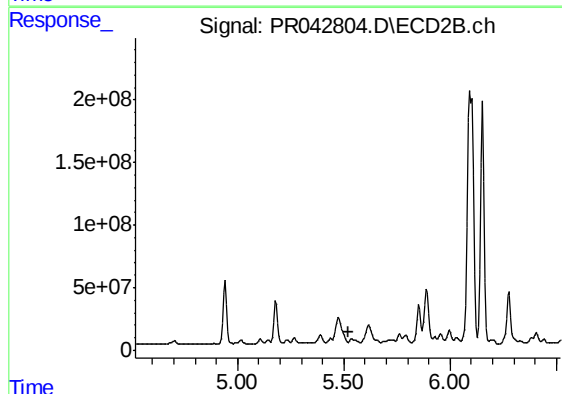
R.T.: 5.266 min
Delta R.T.: -0.037 min
Response: 56424672
Conc: 205.82 ng/ml



#7 AR-1016-5

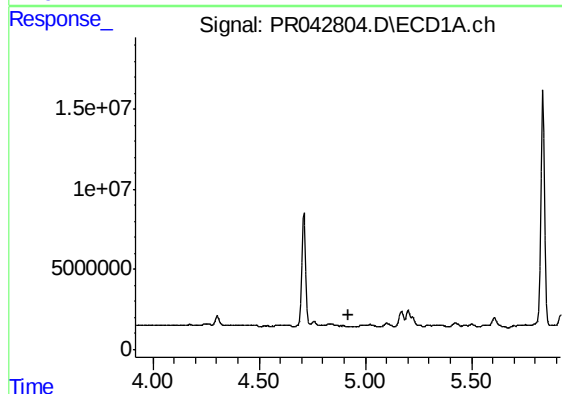
R.T.: 6.383 min
Delta R.T.: 0.016 min
Response: 46735380
Conc: 377.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



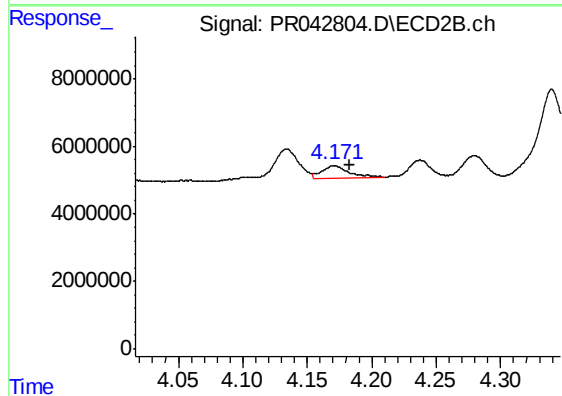
#7 AR-1016-5

R.T.: 5.537 min
Delta R.T.: 0.017 min
Response: -22381717
Conc: N.D.



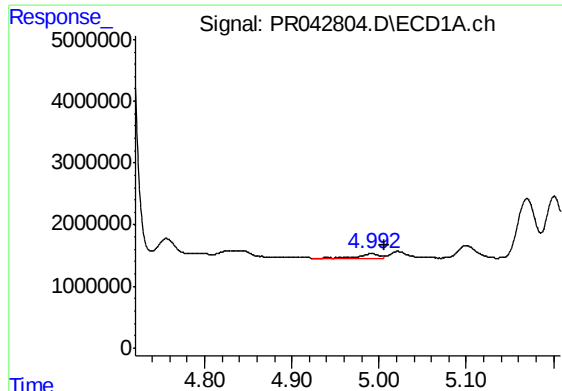
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.918 min
Response: 0
Conc: N.D.



#8 AR-1221-1

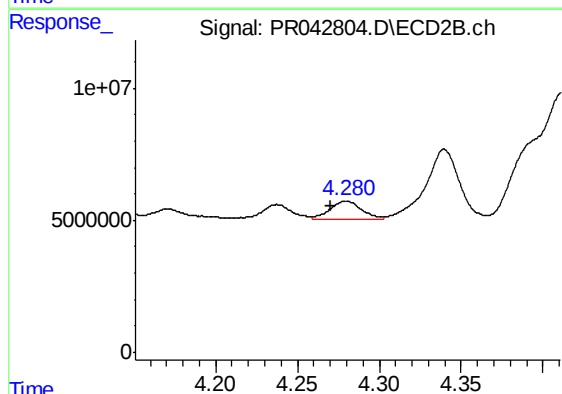
R.T.: 4.171 min
Delta R.T.: -0.012 min
Response: 5524956
Conc: 30.54 ng/ml



#9 AR-1221-2

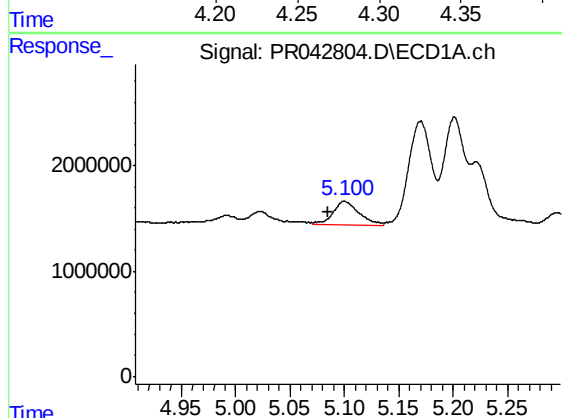
R.T.: 4.992 min
Delta R.T.: -0.014 min
Response: 1231321
Conc: 33.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



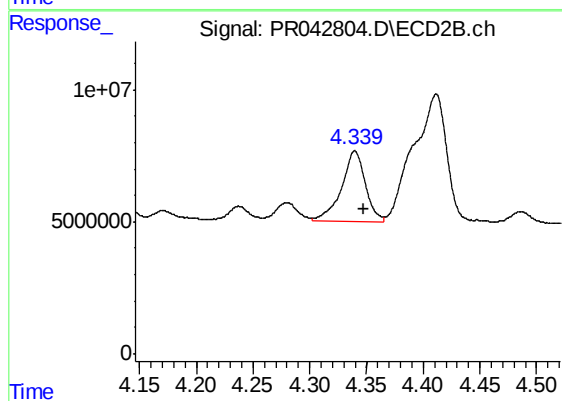
#9 AR-1221-2

R.T.: 4.280 min
Delta R.T.: 0.009 min
Response: 9083037
Conc: 68.68 ng/ml



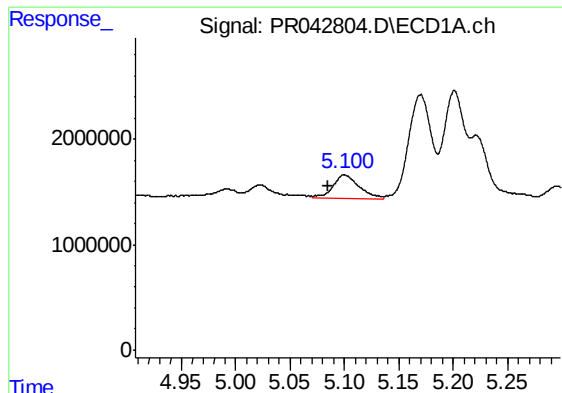
#10 AR-1221-3

R.T.: 5.100 min
Delta R.T.: 0.015 min
Response: 3792109
Conc: 32.83 ng/ml



#10 AR-1221-3

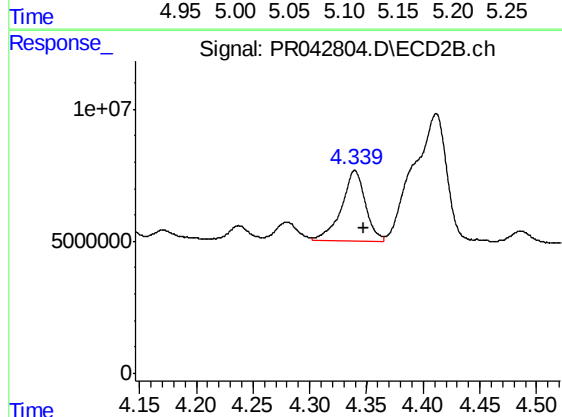
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 39084470
Conc: 94.50 ng/ml



#11 AR-1232-1

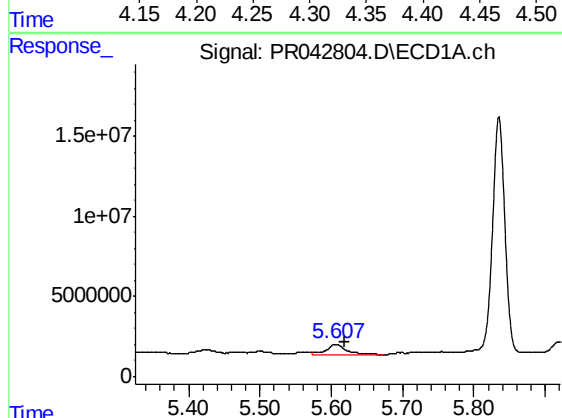
R.T.: 5.100 min
Delta R.T.: 0.015 min
Response: 3792109
Conc: 23.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



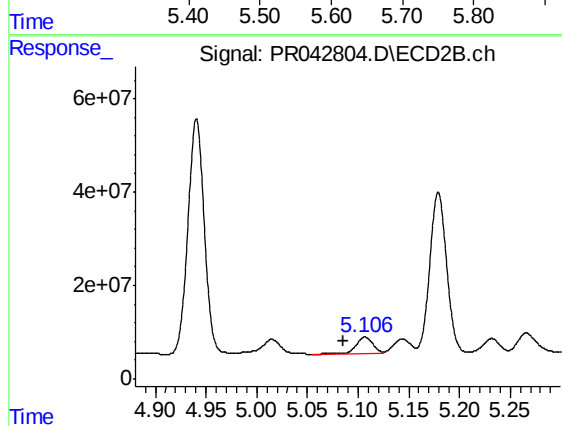
#11 AR-1232-1

R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 39084470
Conc: 67.71 ng/ml



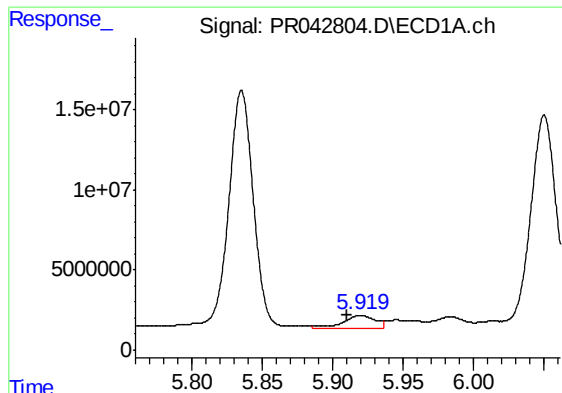
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.012 min
Response: 12921605
Conc: 152.94 ng/ml



#12 AR-1232-2

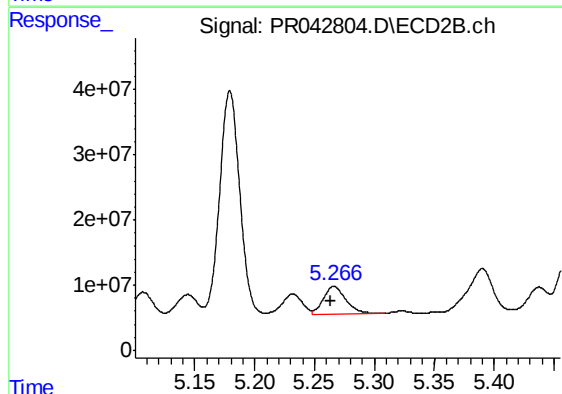
R.T.: 5.107 min
Delta R.T.: 0.021 min
Response: 43160151
Conc: 78.61 ng/ml



#13 AR-1232-3

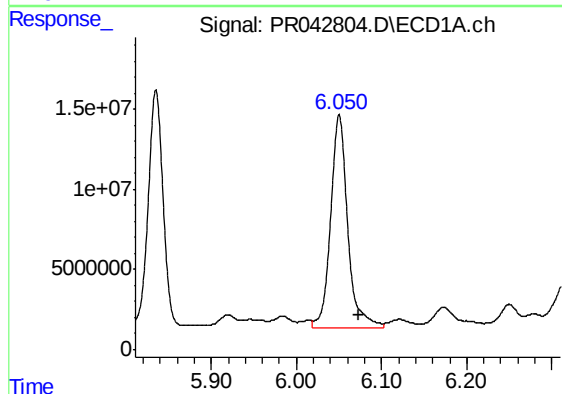
R.T.: 5.919 min
Delta R.T.: 0.009 min
Response: 12982915
Conc: 75.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



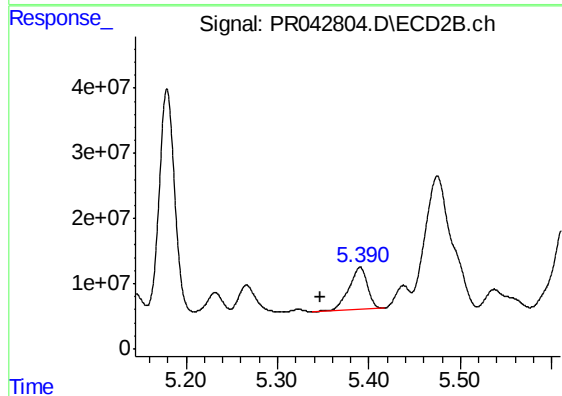
#13 AR-1232-3

R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 56424672
Conc: 218.07 ng/ml



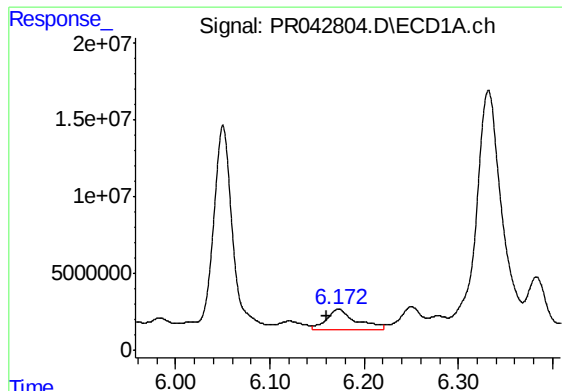
#14 AR-1232-4

R.T.: 6.050 min
Delta R.T.: -0.023 min
Response: 185257689
Conc: 2166.35 ng/ml



#14 AR-1232-4

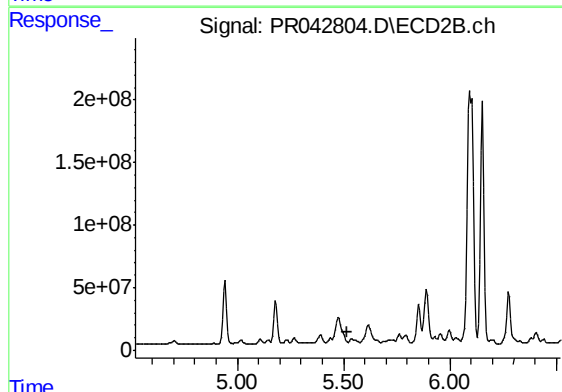
R.T.: 5.390 min
Delta R.T.: 0.044 min
Response: 91418218
Conc: 454.97 ng/ml



#15 AR-1232-5

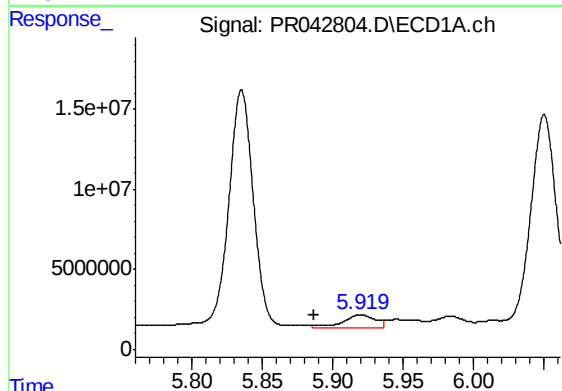
R.T.: 6.173 min
Delta R.T.: 0.013 min
Response: 27724988
Conc: 428.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



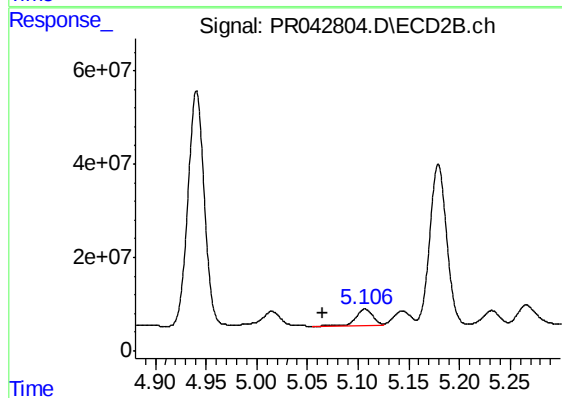
#15 AR-1232-5

R.T.: 5.537 min
Delta R.T.: 0.017 min
Response: -22381717
Conc: N.D.



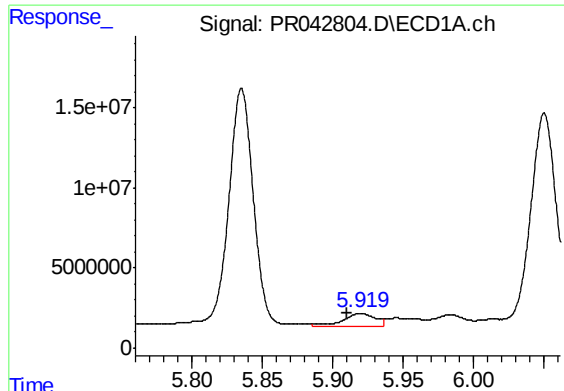
#16 AR-1242-1

R.T.: 5.919 min
Delta R.T.: 0.033 min
Response: 12982915
Conc: 101.84 ng/ml



#16 AR-1242-1

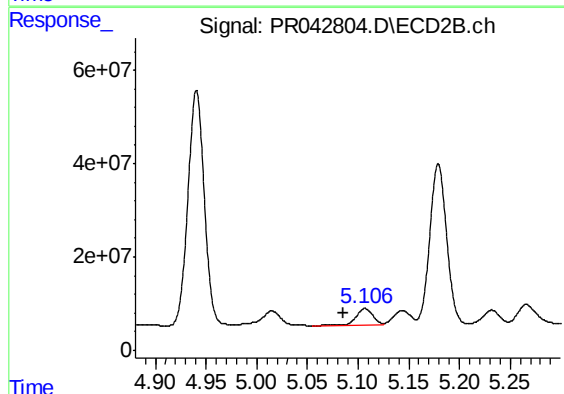
R.T.: 5.107 min
Delta R.T.: 0.041 min
Response: 43160151
Conc: 103.44 ng/ml



#17 AR-1242-2

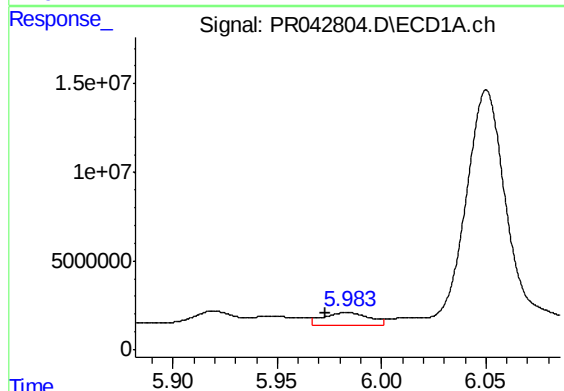
R.T.: 5.919 min
Delta R.T.: 0.009 min
Response: 12982915
Conc: 72.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



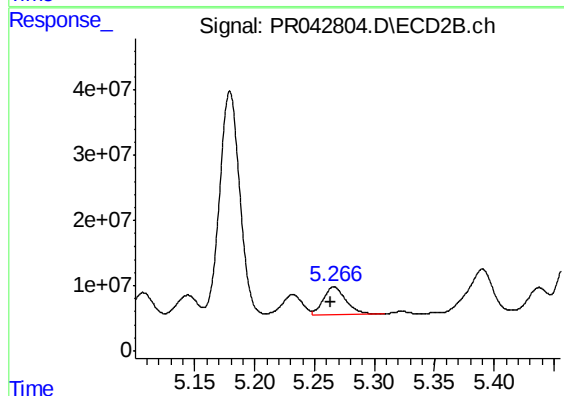
#17 AR-1242-2

R.T.: 5.107 min
Delta R.T.: 0.021 min
Response: 43160151
Conc: 76.68 ng/ml



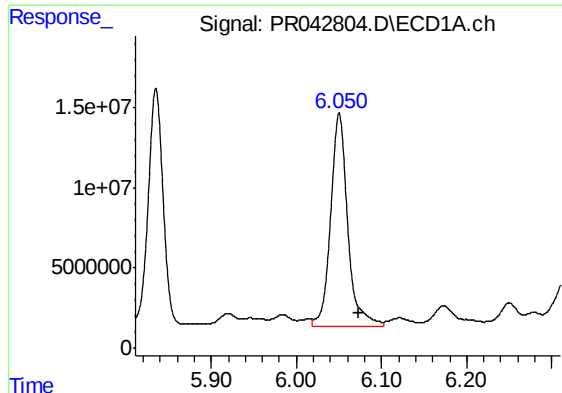
#18 AR-1242-3

R.T.: 5.984 min
Delta R.T.: 0.011 min
Response: 11051535
Conc: 102.27 ng/ml



#18 AR-1242-3

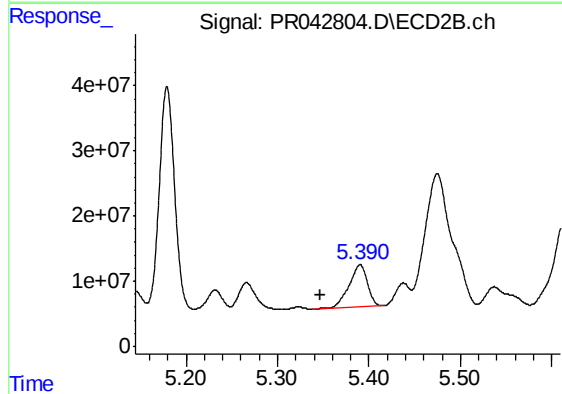
R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 56424672
Conc: 207.74 ng/ml



#19 AR-1242-4

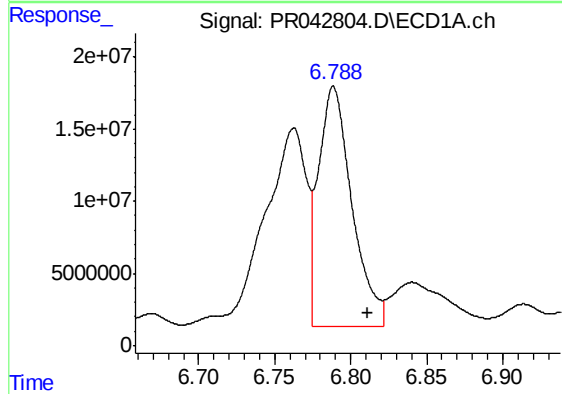
R.T.: 6.050 min
Delta R.T.: -0.023 min
Response: 185257689
Conc: 2055.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



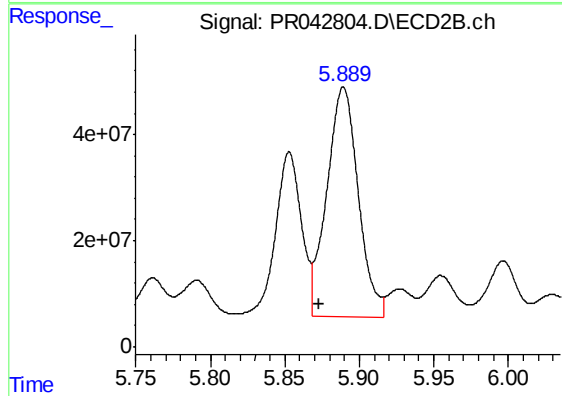
#19 AR-1242-4

R.T.: 5.390 min
Delta R.T.: 0.044 min
Response: 91418218
Conc: 387.89 ng/ml



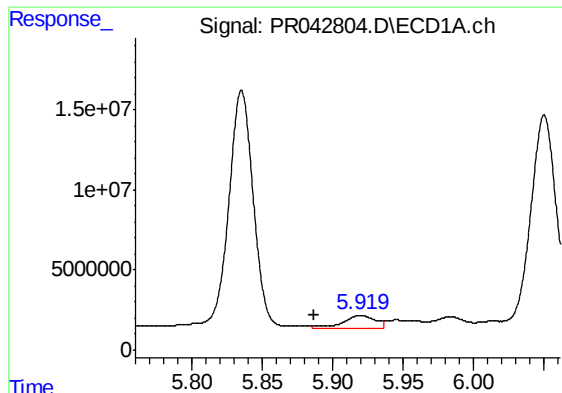
#20 AR-1242-5

R.T.: 6.789 min
Delta R.T.: -0.022 min
Response: 253672290
Conc: 2537.62 ng/ml



#20 AR-1242-5

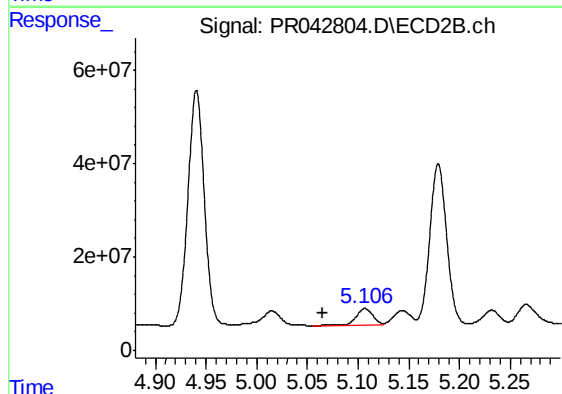
R.T.: 5.889 min
Delta R.T.: 0.017 min
Response: 635016292
Conc: 2153.10 ng/ml



#21 AR-1248-1

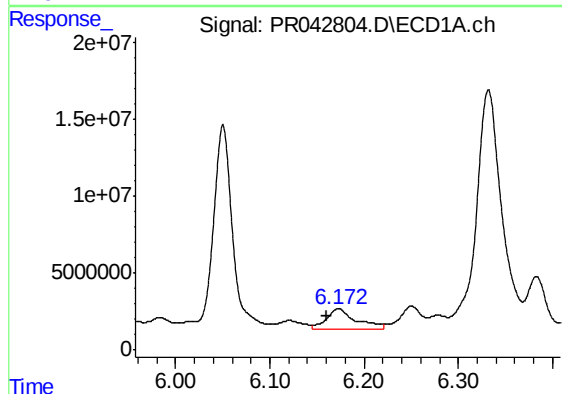
R.T.: 5.919 min
Delta R.T.: 0.032 min
Response: 12982915
Conc: 136.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



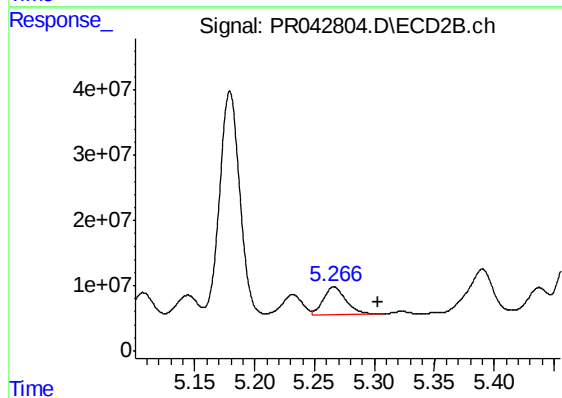
#21 AR-1248-1

R.T.: 5.107 min
Delta R.T.: 0.042 min
Response: 43160151
Conc: 136.61 ng/ml



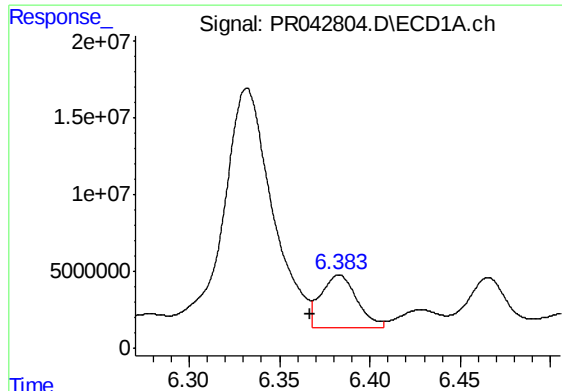
#22 AR-1248-2

R.T.: 6.173 min
Delta R.T.: 0.013 min
Response: 27724988
Conc: 210.38 ng/ml



#22 AR-1248-2

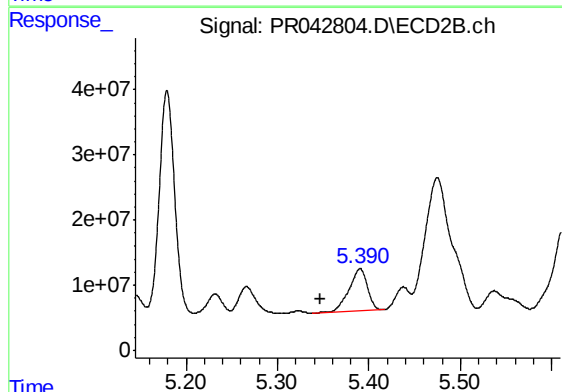
R.T.: 5.266 min
Delta R.T.: -0.037 min
Response: 56424672
Conc: 170.02 ng/ml



#23 AR-1248-3

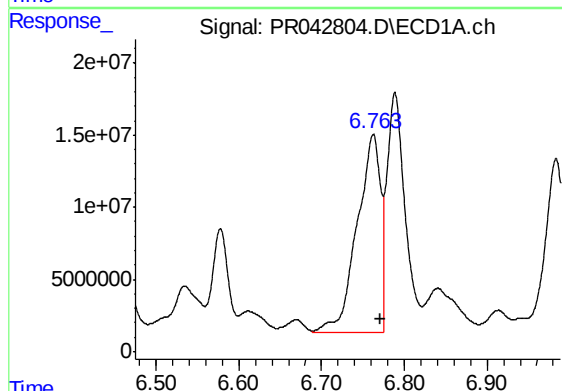
R.T.: 6.383 min
Delta R.T.: 0.016 min
Response: 46735380
Conc: 315.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



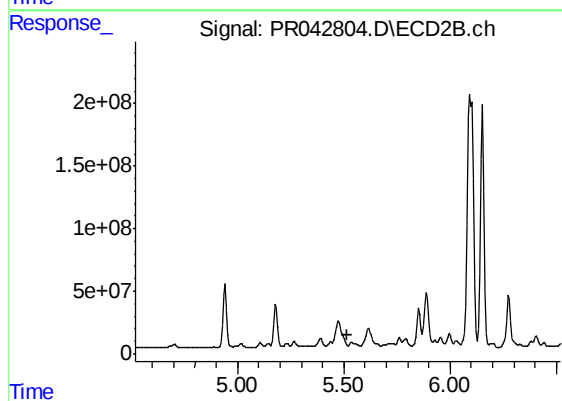
#23 AR-1248-3

R.T.: 5.390 min
Delta R.T.: 0.044 min
Response: 91418218
Conc: 278.58 ng/ml



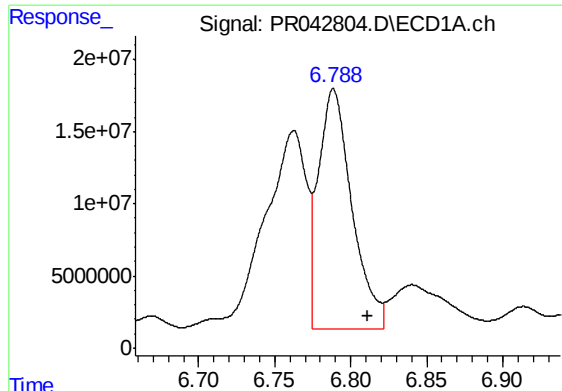
#24 AR-1248-4

R.T.: 6.763 min
Delta R.T.: -0.009 min
Response: 267645119
Conc: 1567.39 ng/ml



#24 AR-1248-4

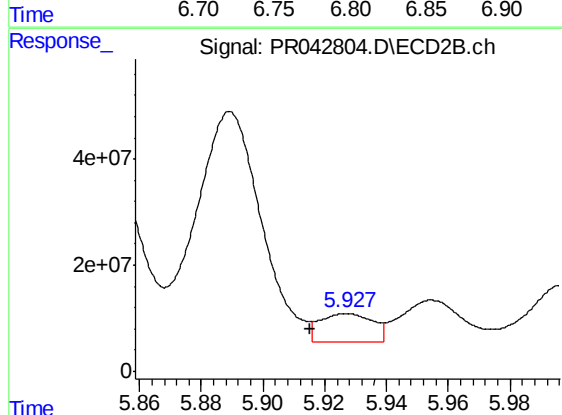
R.T.: 5.537 min
Delta R.T.: 0.017 min
Response: -22381717
Conc: N.D.



#25 AR-1248-5

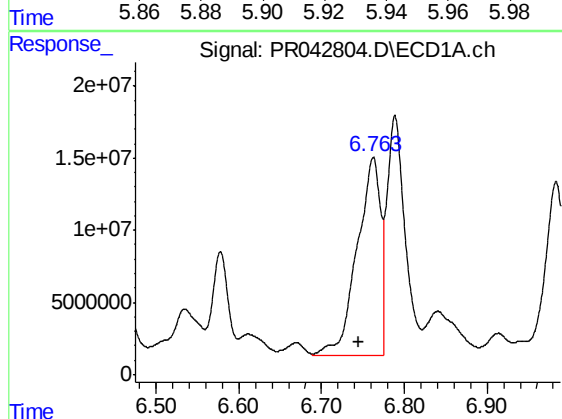
R.T.: 6.789 min
Delta R.T.: -0.022 min
Response: 253672290
Conc: 1564.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



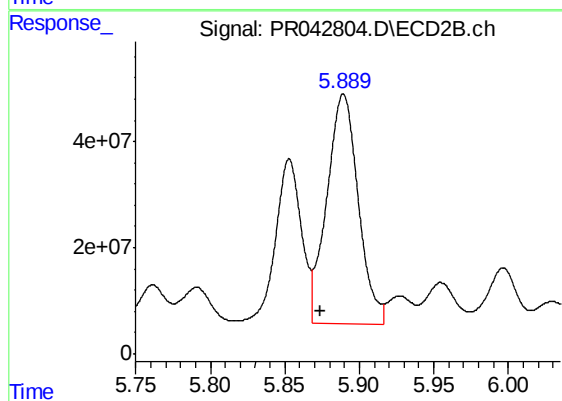
#25 AR-1248-5

R.T.: 5.927 min
Delta R.T.: 0.012 min
Response: 62066499
Conc: 160.11 ng/ml



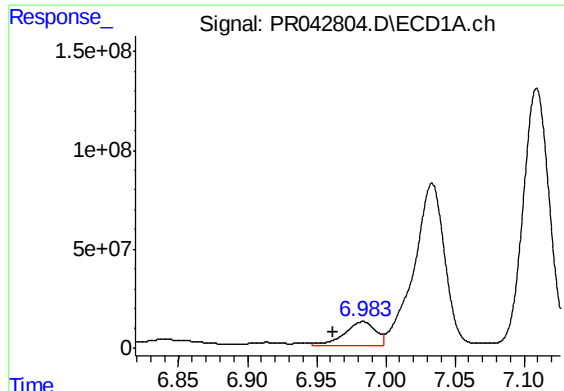
#26 AR-1254-1

R.T.: 6.763 min
Delta R.T.: 0.017 min
Response: 267645119
Conc: 1433.82 ng/ml



#26 AR-1254-1

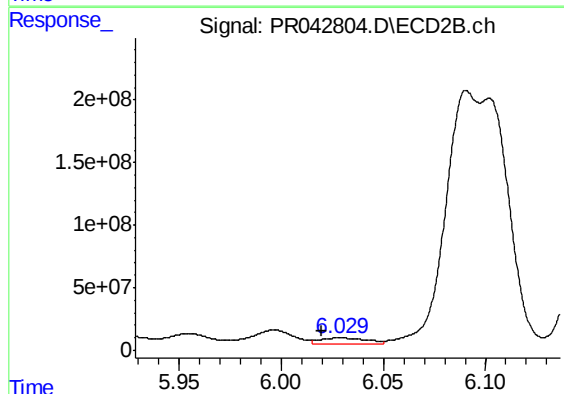
R.T.: 5.889 min
Delta R.T.: 0.015 min
Response: 635016292
Conc: 1007.68 ng/ml



#27 AR-1254-2

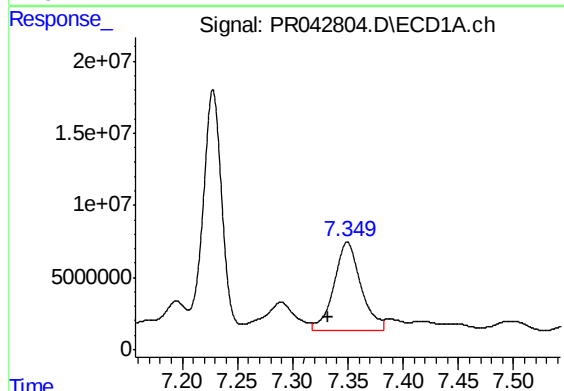
R.T.: 6.984 min
Delta R.T.: 0.021 min
Response: 187670848
Conc: 642.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



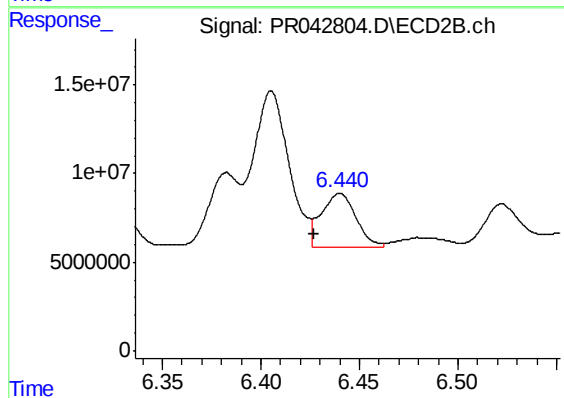
#27 AR-1254-2

R.T.: 6.029 min
Delta R.T.: 0.009 min
Response: 70398475
Conc: 120.50 ng/ml



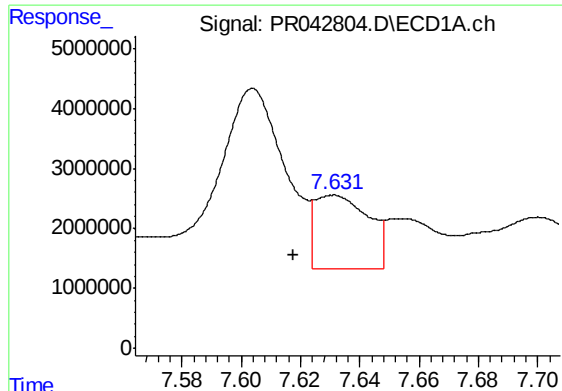
#28 AR-1254-3

R.T.: 7.349 min
Delta R.T.: 0.017 min
Response: 103879208
Conc: 329.85 ng/ml



#28 AR-1254-3

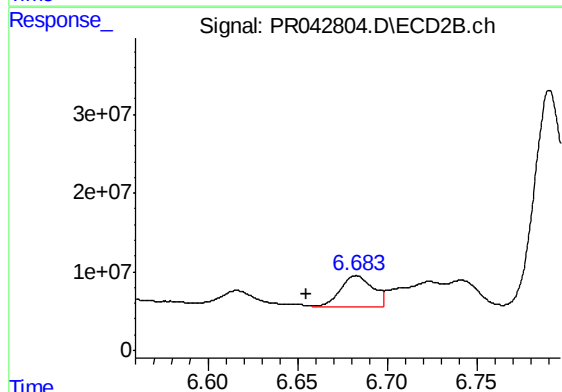
R.T.: 6.440 min
Delta R.T.: 0.013 min
Response: 37045104
Conc: 36.00 ng/ml



#29 AR-1254-4

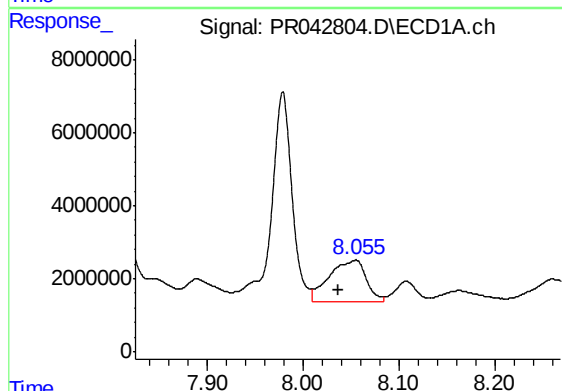
R.T.: 7.631 min
Delta R.T.: 0.013 min
Response: 15172822
Conc: 64.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



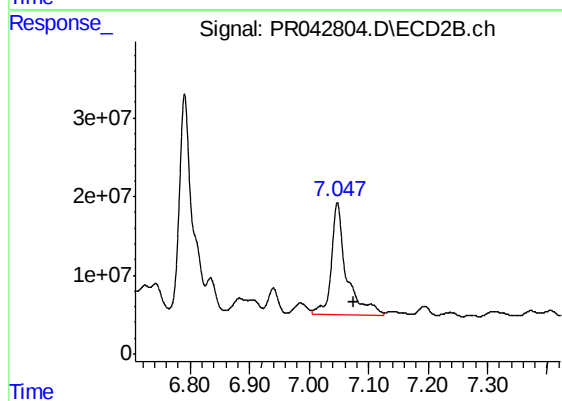
#29 AR-1254-4

R.T.: 6.683 min
Delta R.T.: 0.027 min
Response: 49668056
Conc: 65.13 ng/ml



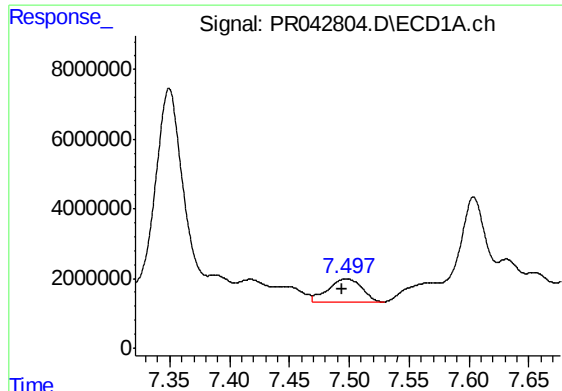
#30 AR-1254-5

R.T.: 8.055 min
Delta R.T.: 0.018 min
Response: 30892415
Conc: 122.87 ng/ml



#30 AR-1254-5

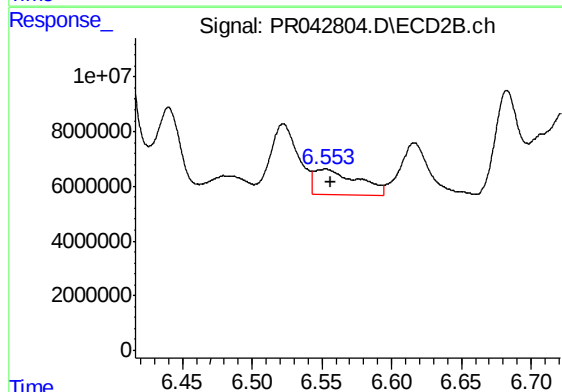
R.T.: 7.048 min
Delta R.T.: -0.027 min
Response: 247286498
Conc: 268.26 ng/ml



#31 AR-1260-1

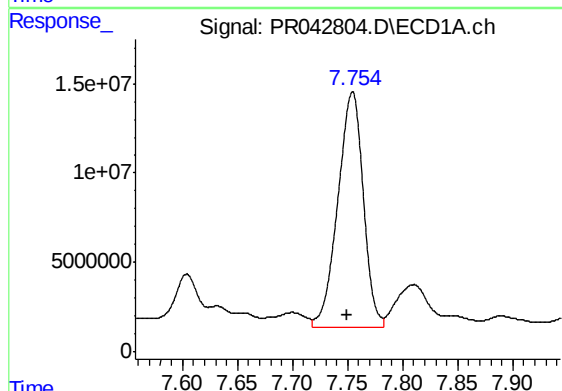
R.T.: 7.498 min
Delta R.T.: 0.003 min
Response: 12794363
Conc: 61.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



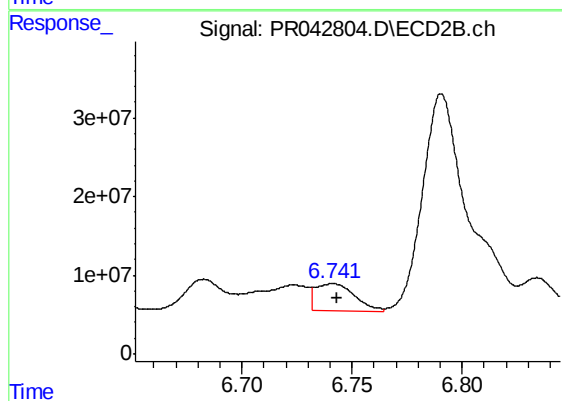
#31 AR-1260-1

R.T.: 6.553 min
Delta R.T.: -0.004 min
Response: 20130970
Conc: 33.21 ng/ml



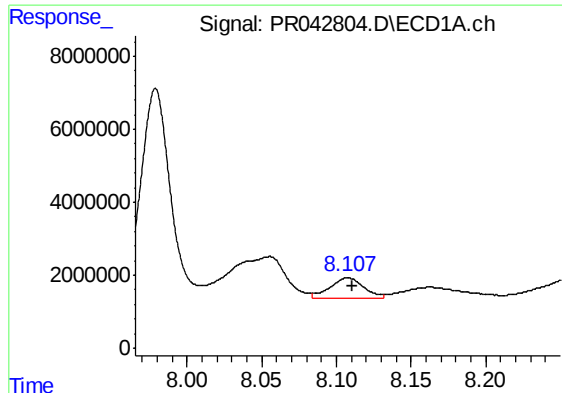
#32 AR-1260-2

R.T.: 7.755 min
Delta R.T.: 0.005 min
Response: 212780999
Conc: 870.33 ng/ml



#32 AR-1260-2

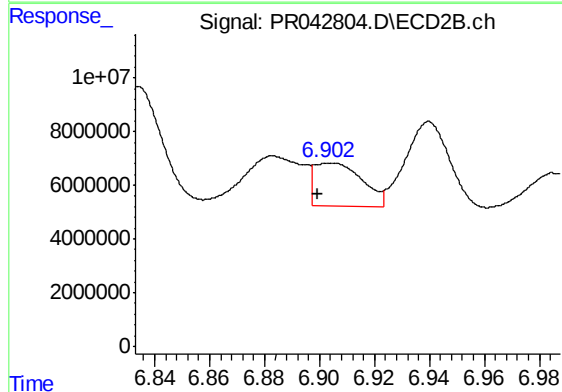
R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 42569026
Conc: 49.23 ng/ml



#33 AR-1260-3

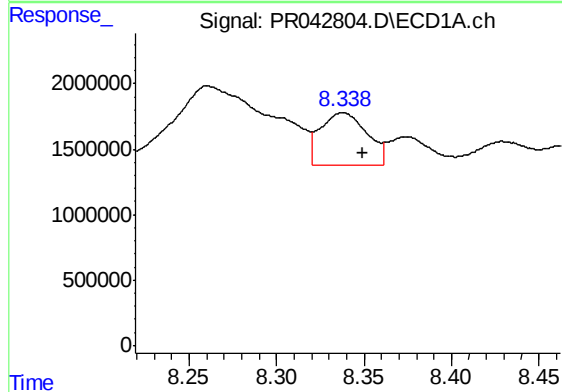
R.T.: 8.108 min
Delta R.T.: -0.003 min
Response: 8972733
Conc: 49.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



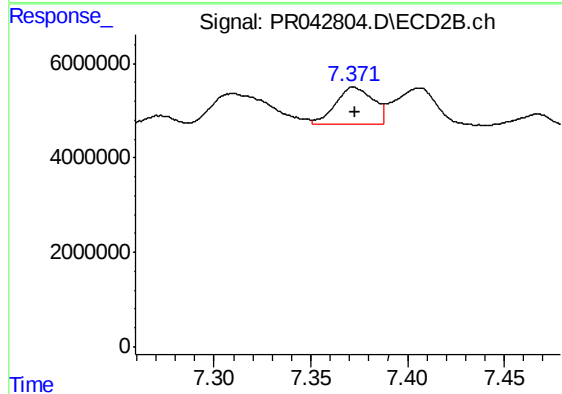
#33 AR-1260-3

R.T.: 6.904 min
Delta R.T.: 0.005 min
Response: 19081781
Conc: 26.87 ng/ml



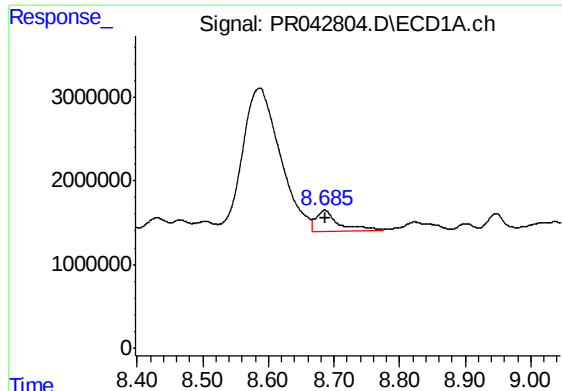
#34 AR-1260-4

R.T.: 8.338 min
Delta R.T.: -0.011 min
Response: 7440356
Conc: 35.65 ng/ml



#34 AR-1260-4

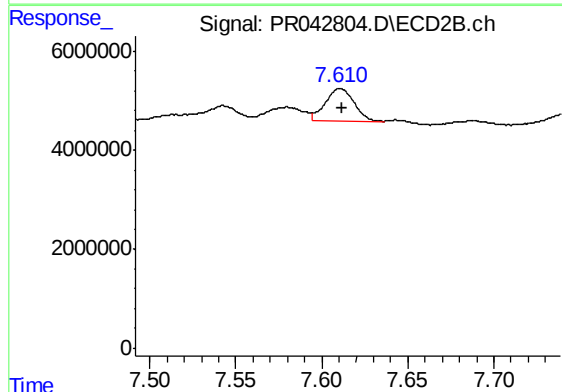
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 10698045
Conc: 18.32 ng/ml



#35 AR-1260-5

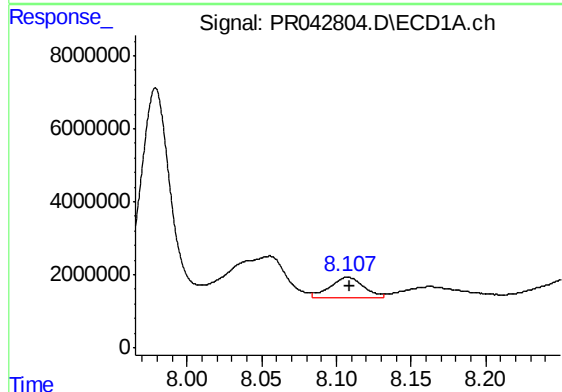
R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 6236987
Conc: 15.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



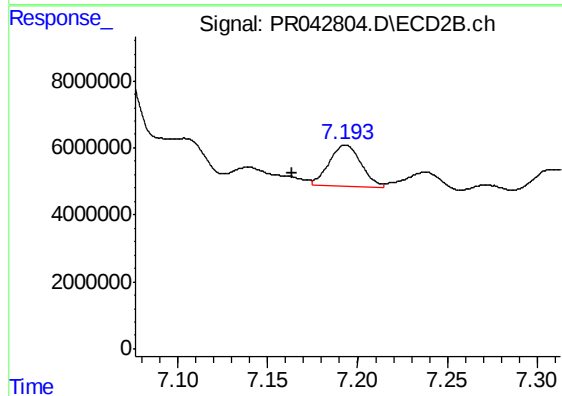
#35 AR-1260-5

R.T.: 7.611 min
Delta R.T.: -0.001 min
Response: 7622290
Conc: 4.72 ng/ml



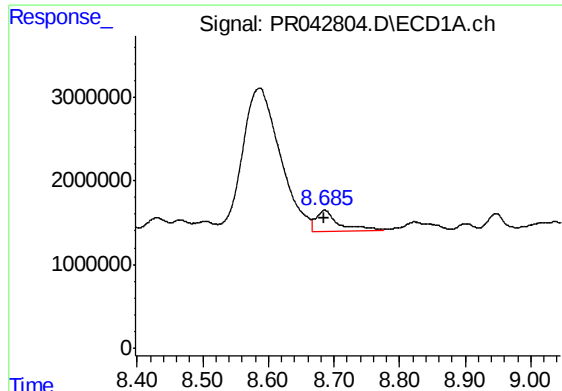
#36 AR-1262-1

R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 8972733
Conc: 30.41 ng/ml



#36 AR-1262-1

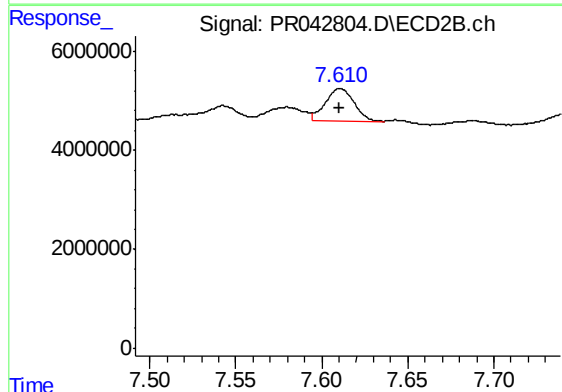
R.T.: 7.193 min
Delta R.T.: 0.030 min
Response: 15173871
Conc: 34.93 ng/ml



#37 AR-1262-2

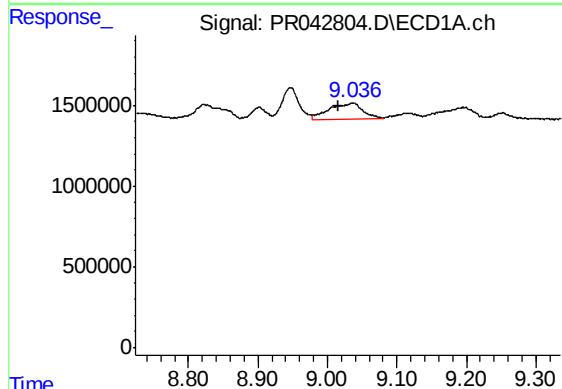
R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 6236987
Conc: 11.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



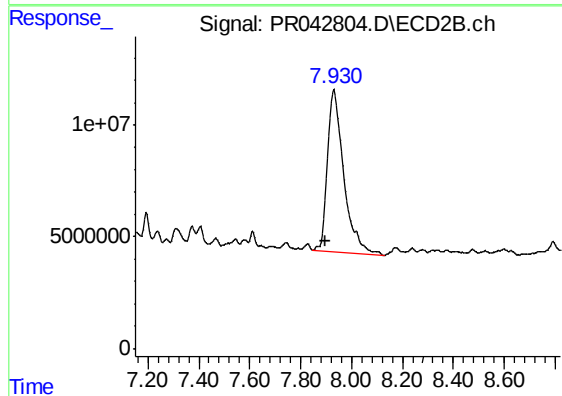
#37 AR-1262-2

R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 7622290
Conc: 3.65 ng/ml



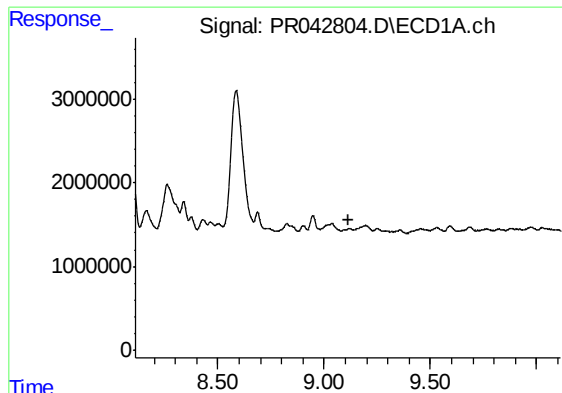
#38 AR-1262-3

R.T.: 9.036 min
Delta R.T.: 0.021 min
Response: 3399583
Conc: 9.51 ng/ml



#38 AR-1262-3

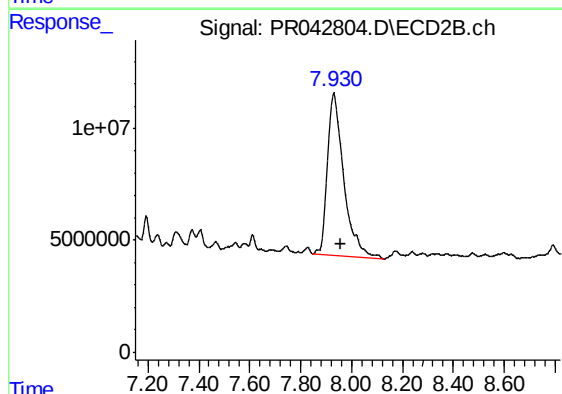
R.T.: 7.931 min
Delta R.T.: 0.035 min
Response: 323912846
Conc: 386.22 ng/ml



#39 AR-1262-4

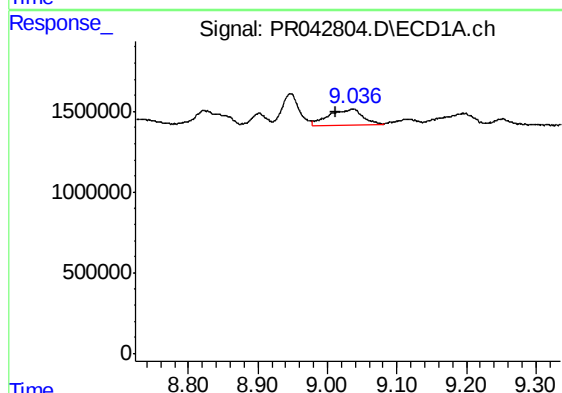
R.T.: 0.000 min
Exp R.T.: 9.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



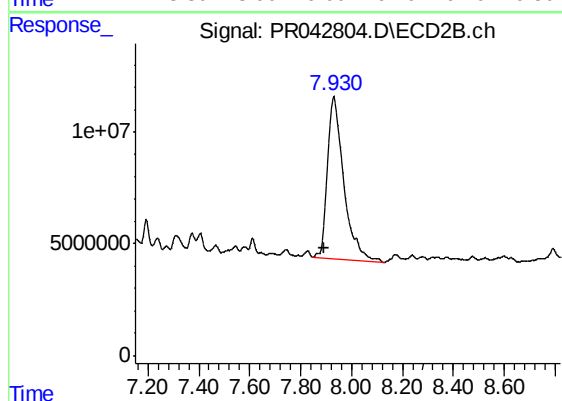
#39 AR-1262-4

R.T.: 7.931 min
Delta R.T.: -0.029 min
Response: 323912846
Conc: 229.62 ng/ml



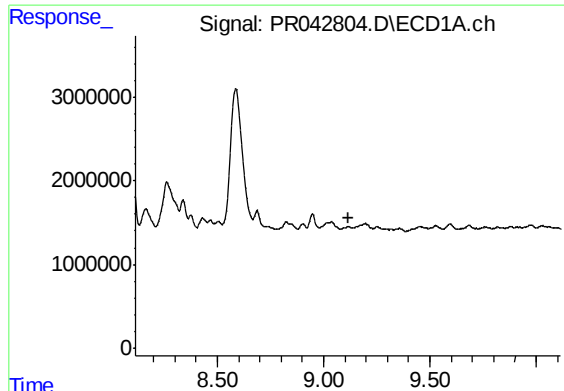
#41 AR-1268-1

R.T.: 9.036 min
Delta R.T.: 0.024 min
Response: 3399583
Conc: 5.36 ng/ml



#41 AR-1268-1

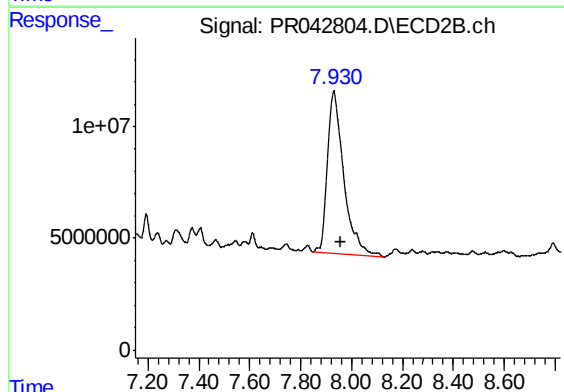
R.T.: 7.931 min
Delta R.T.: 0.036 min
Response: 323912846
Conc: 133.39 ng/ml



#42 AR-1268-2

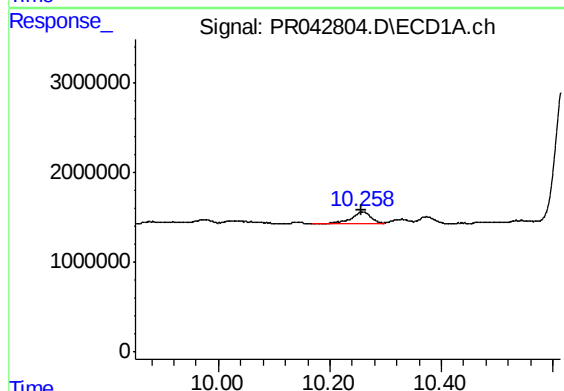
R.T.: 0.000 min
Exp R.T.: 9.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
S1-10-ARE



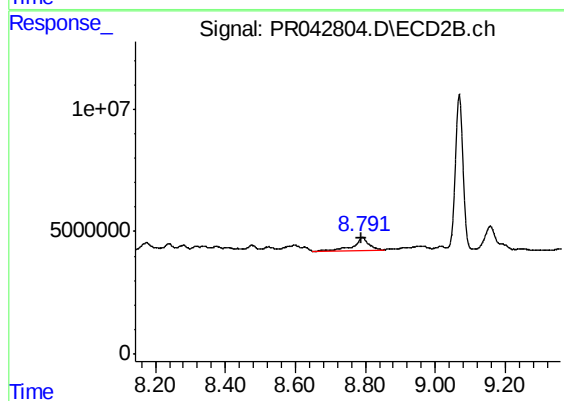
#42 AR-1268-2

R.T.: 7.931 min
Delta R.T.: -0.030 min
Response: 323912846
Conc: 150.77 ng/ml



#45 AR-1268-5

R.T.: 10.258 min
Delta R.T.: 0.001 min
Response: 3116147
Conc: 1.99 ng/ml



#45 AR-1268-5

R.T.: 8.791 min
Delta R.T.: 0.002 min
Response: 15111779
Conc: 2.93 ng/ml