

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122319\
 Data File : PR044108.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2019 16:03
 Operator : SM\AJ
 Sample : K6278-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0C48

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 02:52:04 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...	4.695	3.955	75393881	199.4E6	18.863	18.068
2)	SA Decachlor...	10.592	9.039	132.2E6	272.6E6	27.699	27.020
Target Compounds							
3)	L1 AR-1016-1	0.000	5.048	0	3131708	N.D.	9.075 #
4)	L1 AR-1016-2	0.000	5.048f	0	3131708	N.D.	6.511 #
5)	L1 AR-1016-3	6.045f	5.279	2626252	9019350	19.528	41.388 #
6)	L1 AR-1016-4	6.045	5.279	2626252	9019350	23.255	49.958 #
7)	L1 AR-1016-5	0.000	5.530	0	4116867	N.D.	17.424 #
9)	L2 AR-1221-2	0.000	4.261	0	1781514	N.D.	21.836 #
10)	L2 AR-1221-3	0.000	4.379	0	2407172	N.D.	8.628 #
11)	L3 AR-1232-1	0.000	4.379	0	2407172	N.D.	10.432 #
12)	L3 AR-1232-2	0.000	5.048f	0	3131708	N.D.	14.383 #
13)	L3 AR-1232-3	0.000	5.279	0	9019350	N.D.	95.130 #
14)	L3 AR-1232-4	6.045	5.354	2626252	7933732	56.110	91.624 #
15)	L3 AR-1232-5	0.000	5.530	0	4116867	N.D.	41.867 #
16)	L4 AR-1242-1	0.000	5.048	0	3131708	N.D.	10.885 #
17)	L4 AR-1242-2	0.000	5.048f	0	3131708	N.D.	7.920 #
18)	L4 AR-1242-3	6.045f	5.279	2626252	9019350	24.190	47.455 #
19)	L4 AR-1242-4	6.045	5.354	2626252	7933732	29.089	43.395 #
20)	L4 AR-1242-5	6.770f	5.855	3346225	31211634	30.459	105.218 #
21)	L5 AR-1248-1	0.000	5.048	0	3131708	N.D.	13.611 #
22)	L5 AR-1248-2	0.000	5.279	0	9019350	N.D.	34.470 #
23)	L5 AR-1248-3	0.000	5.354	0	7933732	N.D.	29.967 #
24)	L5 AR-1248-4	6.770	5.530	3346225	4116867	17.233	12.372 #
25)	L5 AR-1248-5	6.770f	5.913	3346225	16546859	18.248	40.478 #
26)	L6 AR-1254-1	6.725	5.855	5813427	31211634	30.420	51.835 #
27)	L6 AR-1254-2	6.943	6.001	8241621	57066875	27.033	105.160 #
28)	L6 AR-1254-3	7.316	6.418	5363315	89403771	15.553	93.773 #
29)	L6 AR-1254-4	7.599	6.632	6576723	33899239	25.104	51.109 #
30)	L6 AR-1254-5	8.018	7.050	32578594	90905622	114.964	104.465
31)	L7 AR-1260-1	7.476	6.536	22128411	67129242	95.725	122.836 #
32)	L7 AR-1260-2	7.731	6.722	30725846	102.2E6	107.685	127.405
33)	L7 AR-1260-3	8.091	6.878	21156742	108.2E6	94.222	162.028 #
34)	L7 AR-1260-4	8.329	7.387	25399201	15705394	98.090	27.977 #
35)	L7 AR-1260-5	8.666	7.589	42401372	141.9E6	75.912	84.298
36)	L8 AR-1262-1	8.151	7.088	9630963	82033014	66.957	165.830 #
37)	L8 AR-1262-2	8.666	7.589	42401372	141.9E6	59.726	65.261
38)	L8 AR-1262-3	9.016	7.874	32686730	33322102	70.959	38.579 #
39)	L8 AR-1262-4	9.094	7.939	24019553	78718700	70.441	55.362
40)	L8 AR-1262-5	9.790	8.451	8519113	27584652	35.485	43.148
41)	L9 AR-1268-1	9.016	7.874	32686730	33322102	40.591	13.628 #
42)	L9 AR-1268-2	9.094	7.939	24019553	78718700	32.599	37.635

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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	8.148	0	11140519	N.D.	6.187 #
44) L9	AR-1268-4	9.790	8.451	8519113	27584652	32.202	39.145
45) L9	AR-1268-5	10.232	8.764	5809648	14278811	2.817	2.926

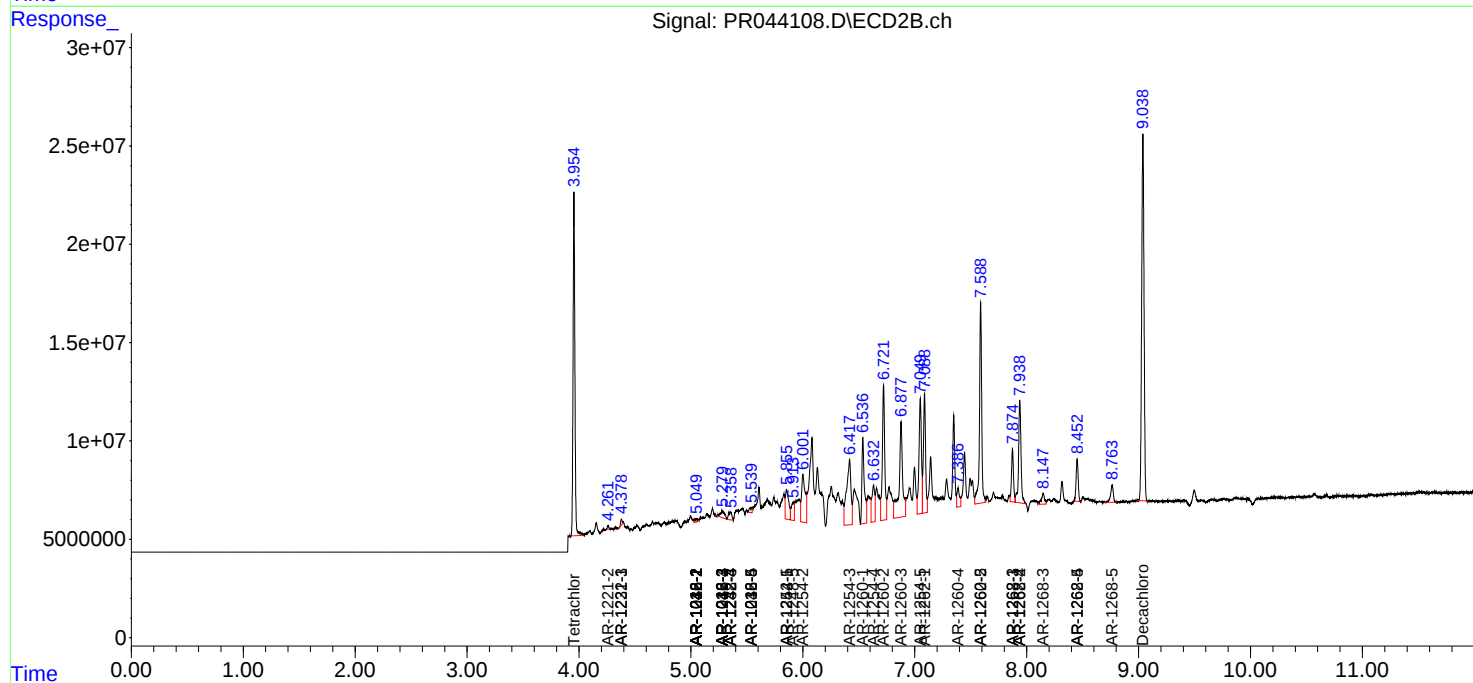
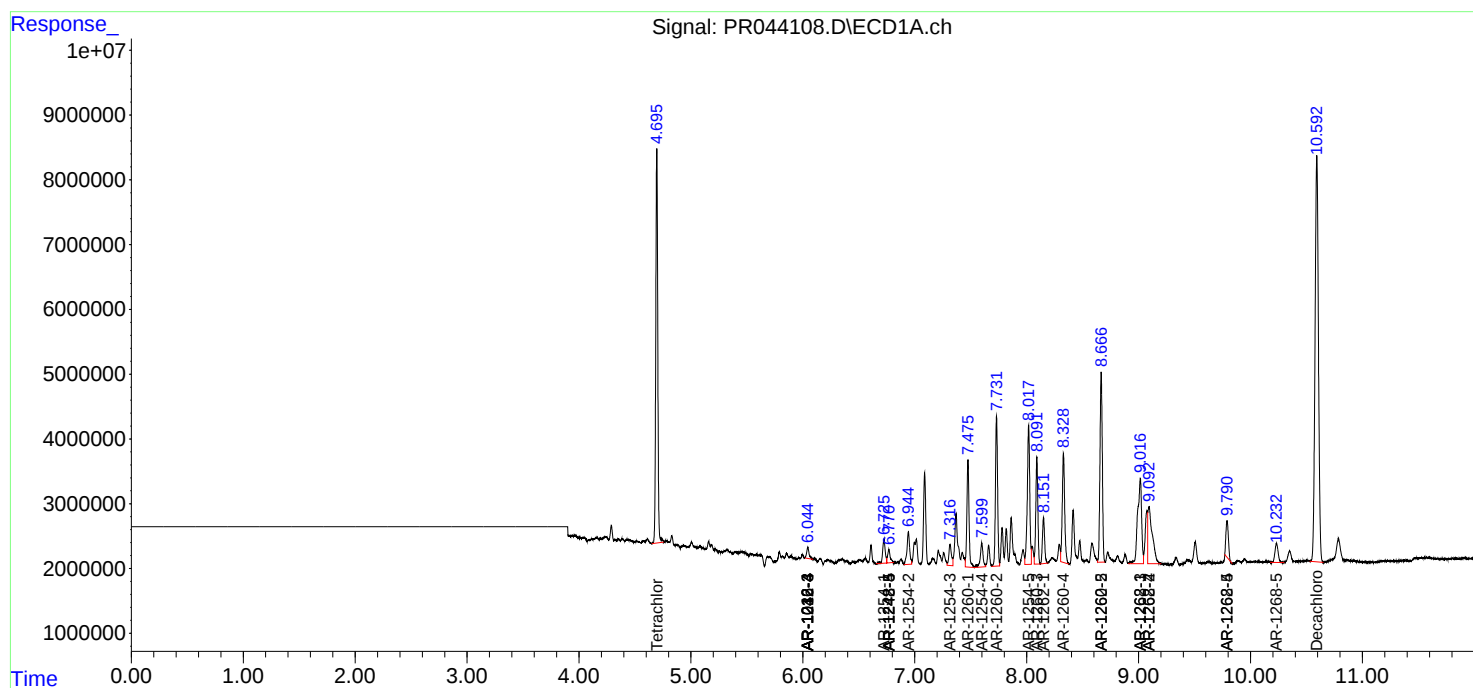
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

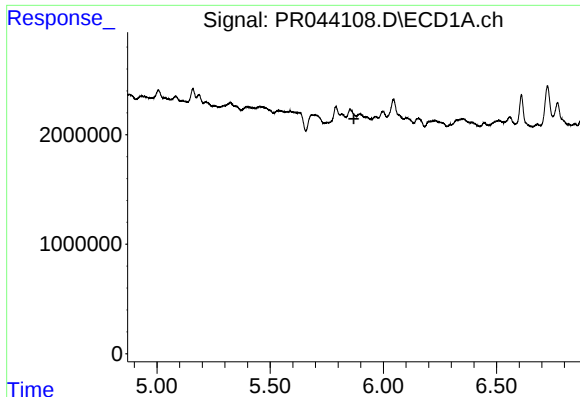
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

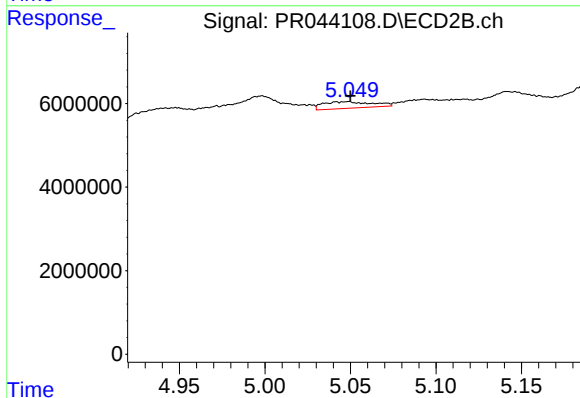




#3 AR-1016-1

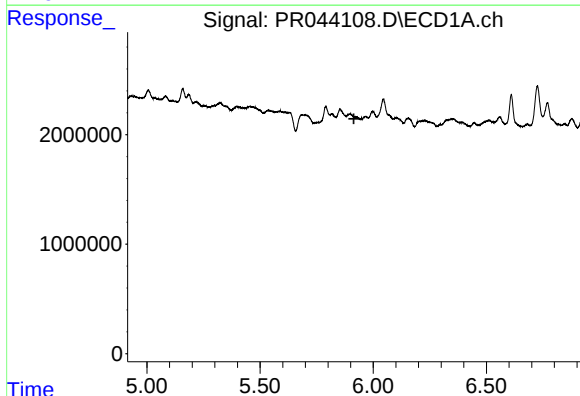
R.T.: 0.000 min
Exp R.T.: 5.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0C48



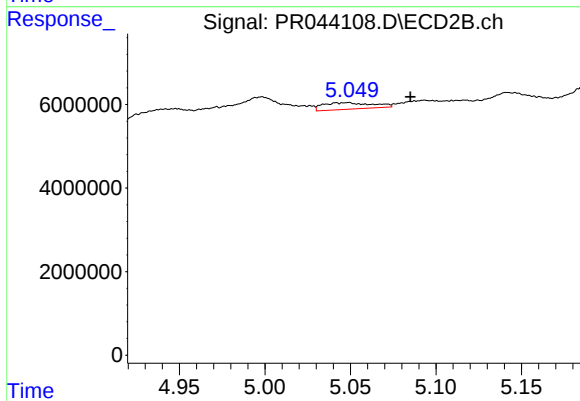
#3 AR-1016-1

R.T.: 5.048 min
Delta R.T.: -0.002 min
Response: 3131708
Conc: 9.08 ng/ml



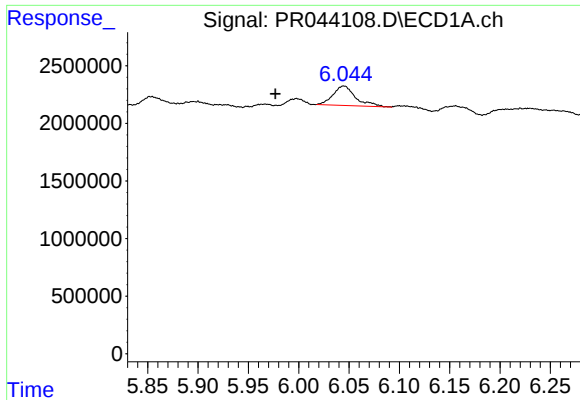
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.915 min
Response: 0
Conc: N.D.



#4 AR-1016-2

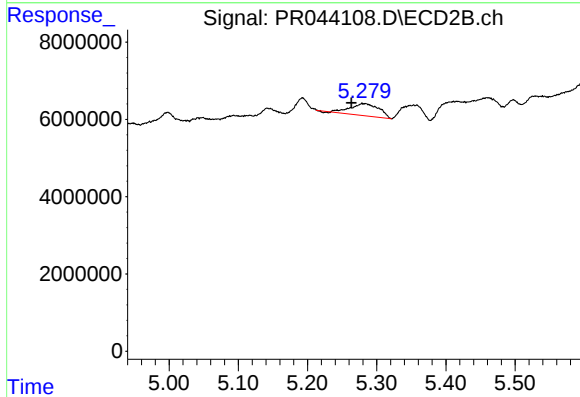
R.T.: 5.048 min
Delta R.T.: -0.037 min
Response: 3131708
Conc: 6.51 ng/ml



#5 AR-1016-3

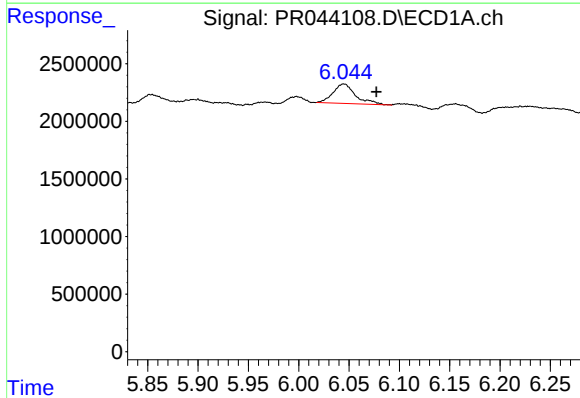
R.T.: 6.045 min
Delta R.T.: 0.068 min
Response: 2626252
Conc: 19.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



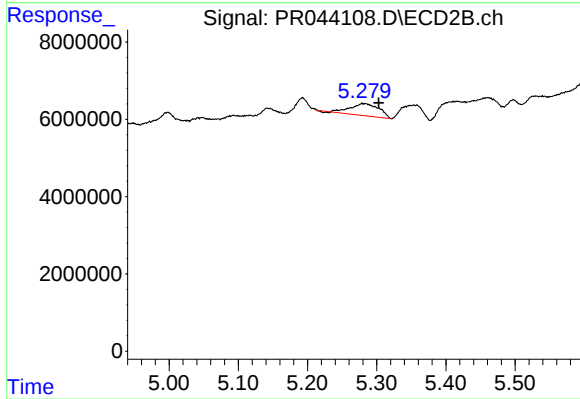
#5 AR-1016-3

R.T.: 5.279 min
Delta R.T.: 0.016 min
Response: 9019350
Conc: 41.39 ng/ml



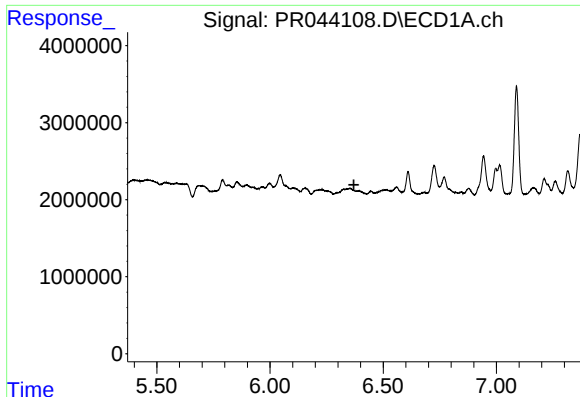
#6 AR-1016-4

R.T.: 6.045 min
Delta R.T.: -0.032 min
Response: 2626252
Conc: 23.26 ng/ml



#6 AR-1016-4

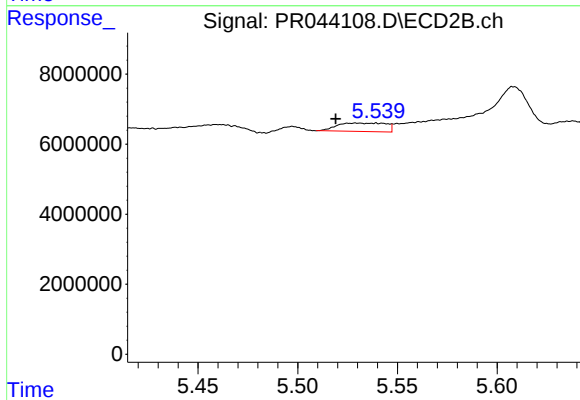
R.T.: 5.279 min
Delta R.T.: -0.024 min
Response: 9019350
Conc: 49.96 ng/ml



#7 AR-1016-5

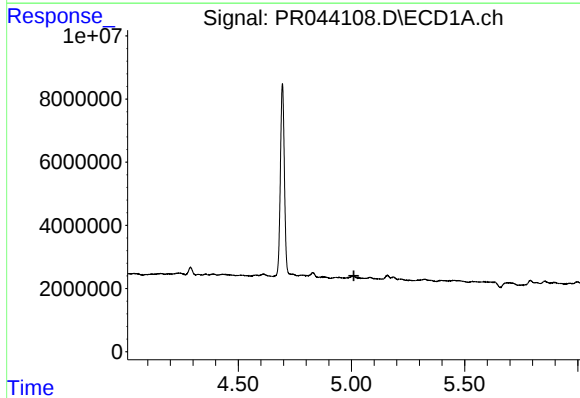
R.T.: 0.000 min
Exp R.T.: 6.371 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0C48



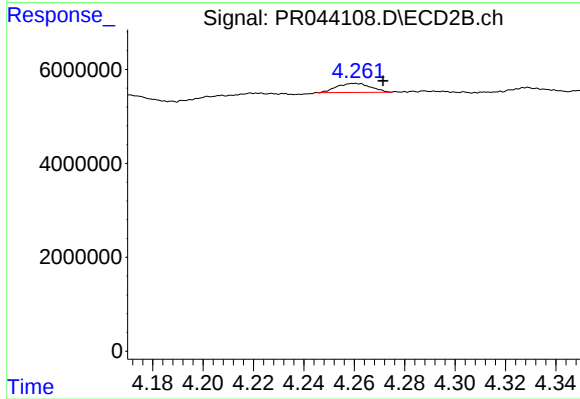
#7 AR-1016-5

R.T.: 5.530 min
Delta R.T.: 0.011 min
Response: 4116867
Conc: 17.42 ng/ml



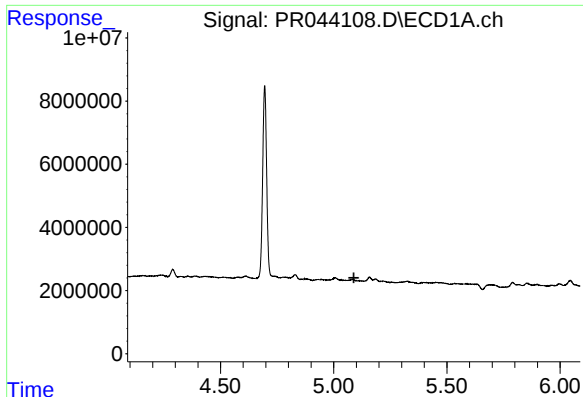
#9 AR-1221-2

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



#9 AR-1221-2

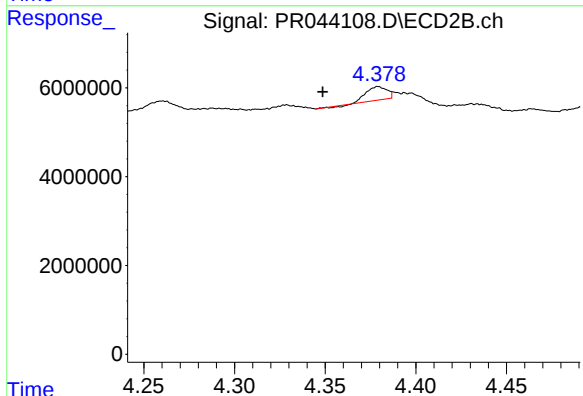
R.T.: 4.261 min
Delta R.T.: -0.011 min
Response: 1781514
Conc: 21.84 ng/ml



#10 AR-1221-3

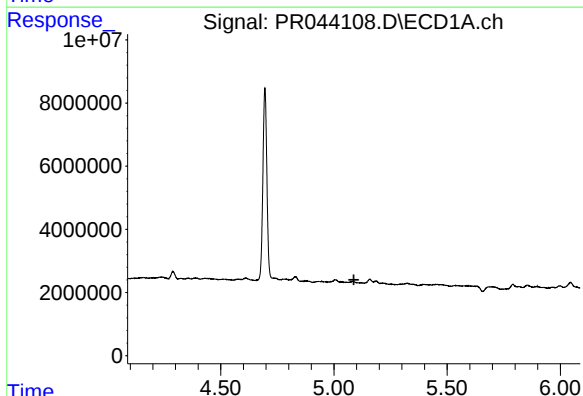
R.T.: 0.000 min
Exp R.T.: 5.089 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0C48



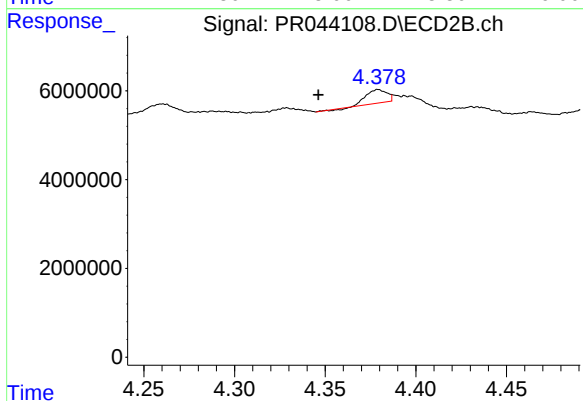
#10 AR-1221-3

R.T.: 4.379 min
Delta R.T.: 0.031 min
Response: 2407172
Conc: 8.63 ng/ml



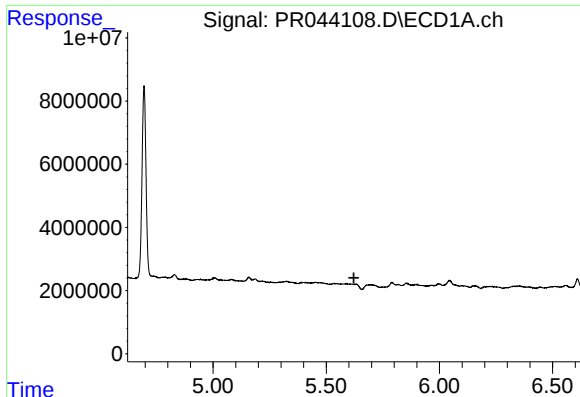
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.088 min
Response: 0
Conc: N.D.



#11 AR-1232-1

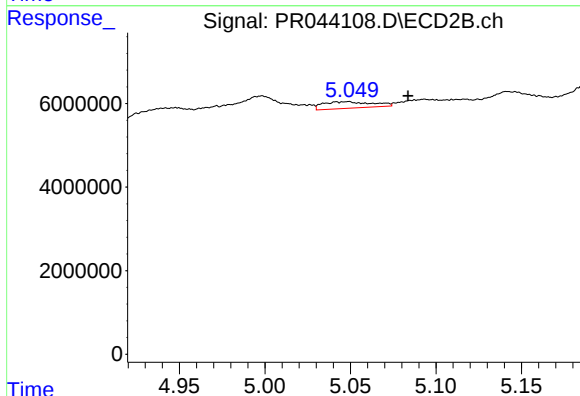
R.T.: 4.379 min
Delta R.T.: 0.033 min
Response: 2407172
Conc: 10.43 ng/ml



#12 AR-1232-2

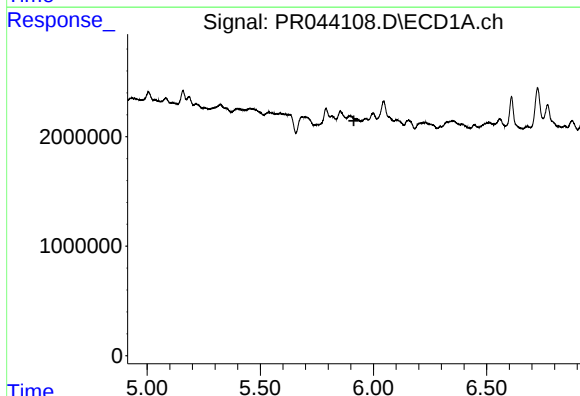
R.T.: 0.000 min
Exp R.T.: 5.622 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0C48



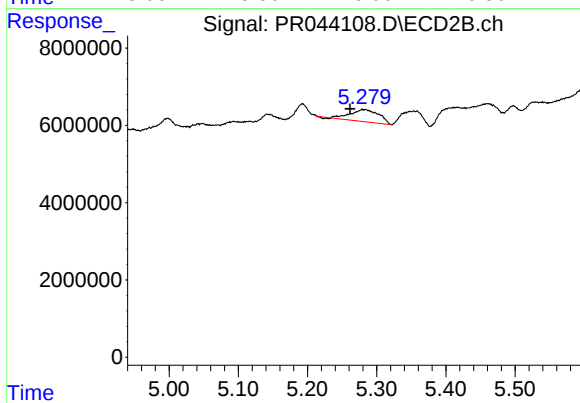
#12 AR-1232-2

R.T.: 5.048 min
Delta R.T.: -0.035 min
Response: 3131708
Conc: 14.38 ng/ml



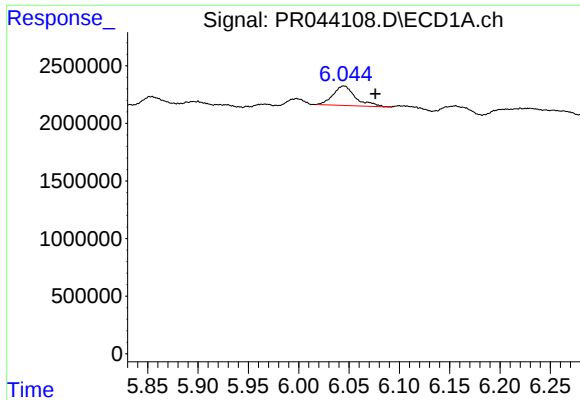
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.913 min
Response: 0
Conc: N.D.



#13 AR-1232-3

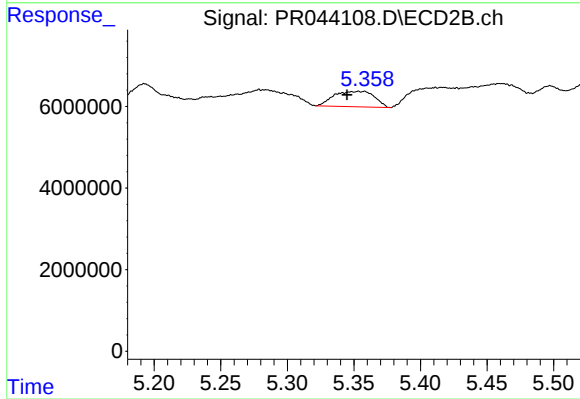
R.T.: 5.279 min
Delta R.T.: 0.018 min
Response: 9019350
Conc: 95.13 ng/ml



#14 AR-1232-4

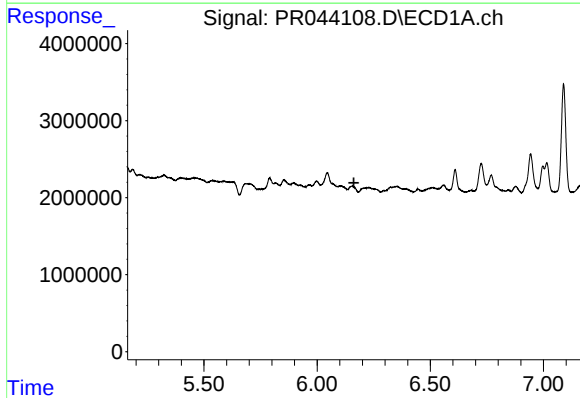
R.T.: 6.045 min
Delta R.T.: -0.031 min
Response: 2626252
Conc: 56.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



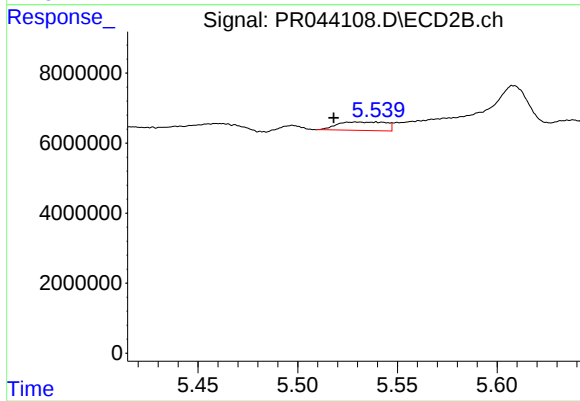
#14 AR-1232-4

R.T.: 5.354 min
Delta R.T.: 0.009 min
Response: 7933732
Conc: 91.62 ng/ml



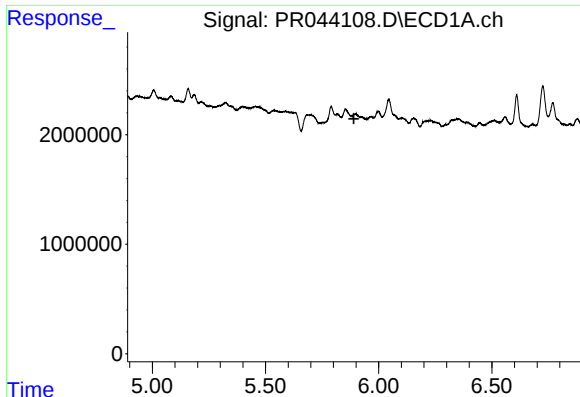
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.163 min
Response: 0
Conc: N.D.



#15 AR-1232-5

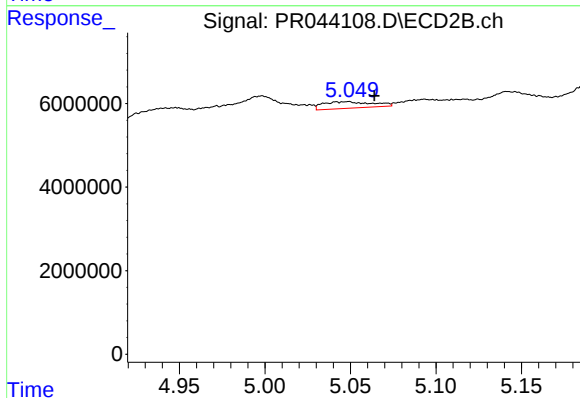
R.T.: 5.530 min
Delta R.T.: 0.011 min
Response: 4116867
Conc: 41.87 ng/ml



#16 AR-1242-1

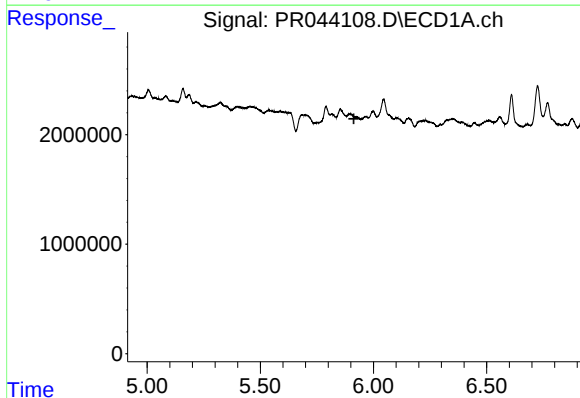
R.T.: 0.000 min
Exp R.T.: 5.891 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0C48



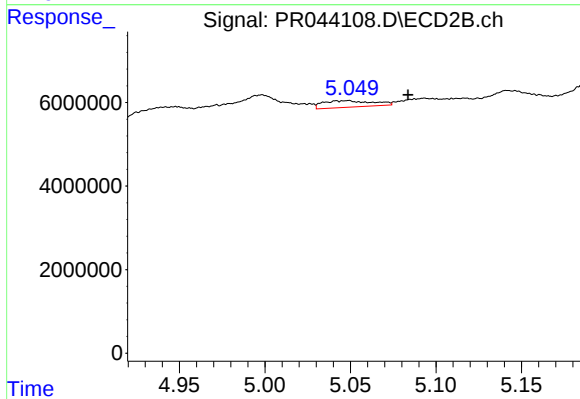
#16 AR-1242-1

R.T.: 5.048 min
Delta R.T.: -0.016 min
Response: 3131708
Conc: 10.89 ng/ml



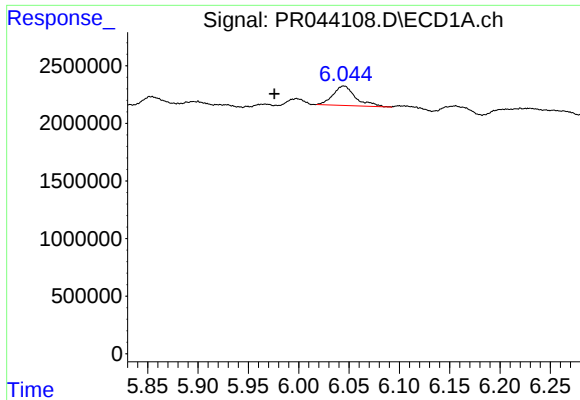
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.913 min
Response: 0
Conc: N.D.



#17 AR-1242-2

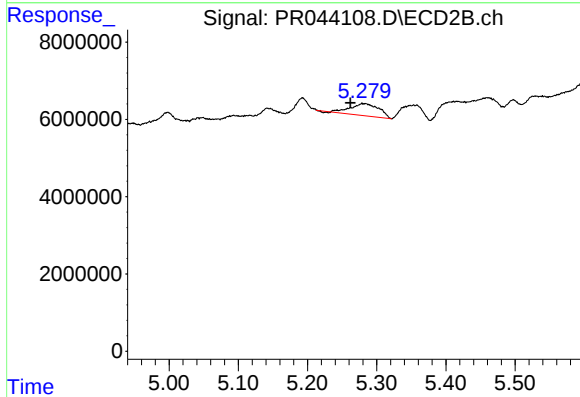
R.T.: 5.048 min
Delta R.T.: -0.035 min
Response: 3131708
Conc: 7.92 ng/ml



#18 AR-1242-3

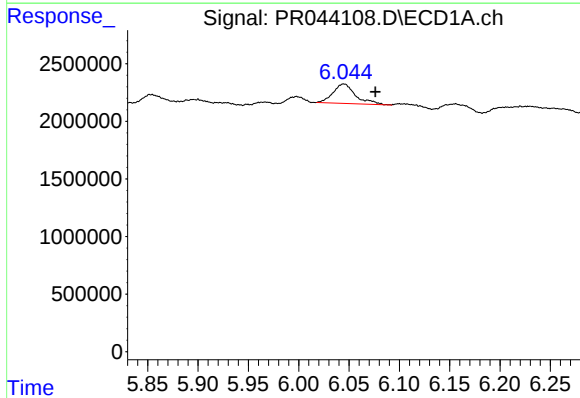
R.T.: 6.045 min
Delta R.T.: 0.069 min
Response: 2626252
Conc: 24.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



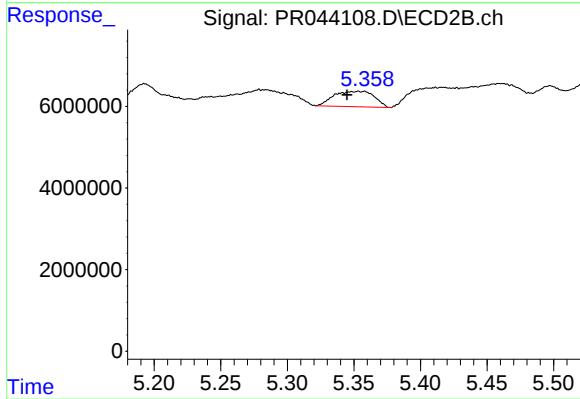
#18 AR-1242-3

R.T.: 5.279 min
Delta R.T.: 0.017 min
Response: 9019350
Conc: 47.46 ng/ml



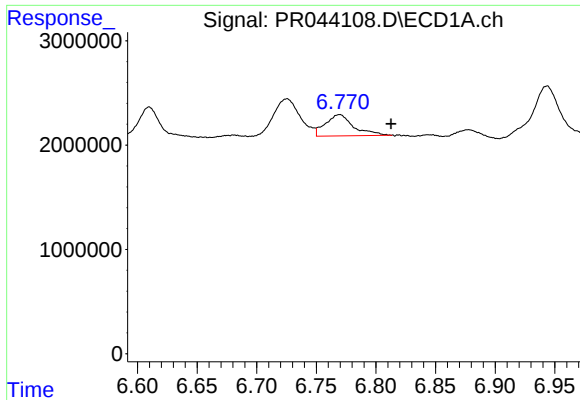
#19 AR-1242-4

R.T.: 6.045 min
Delta R.T.: -0.031 min
Response: 2626252
Conc: 29.09 ng/ml



#19 AR-1242-4

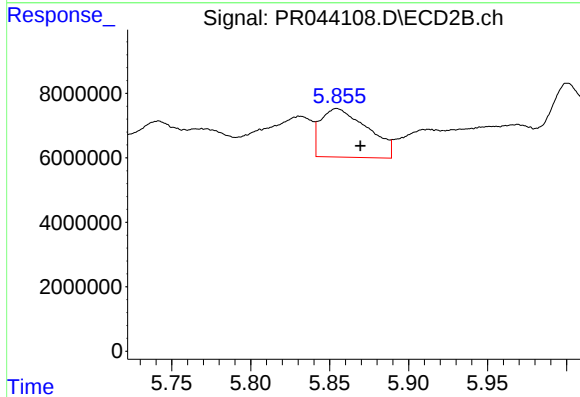
R.T.: 5.354 min
Delta R.T.: 0.009 min
Response: 7933732
Conc: 43.39 ng/ml



#20 AR-1242-5

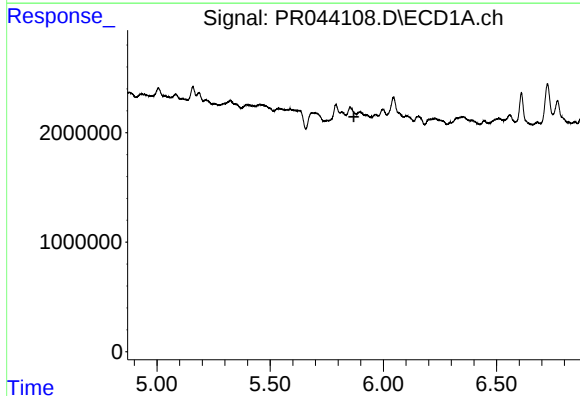
R.T.: 6.770 min
Delta R.T.: -0.043 min
Response: 3346225
Conc: 30.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



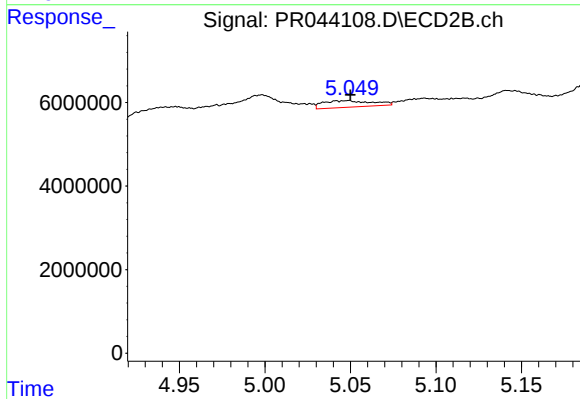
#20 AR-1242-5

R.T.: 5.855 min
Delta R.T.: -0.015 min
Response: 31211634
Conc: 105.22 ng/ml



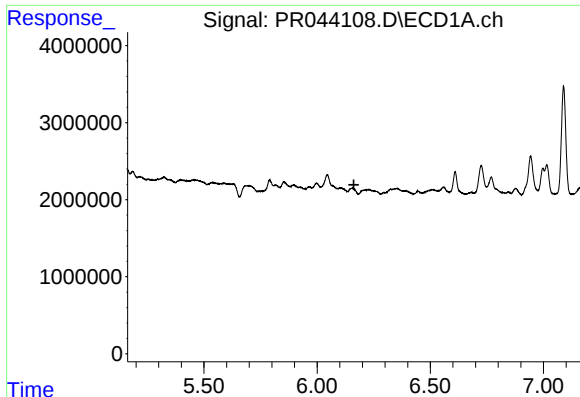
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#21 AR-1248-1

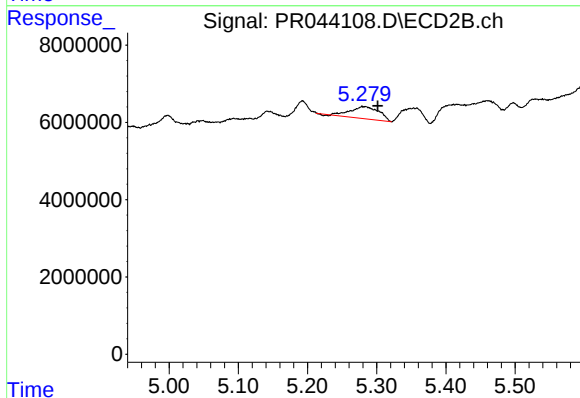
R.T.: 5.048 min
Delta R.T.: -0.002 min
Response: 3131708
Conc: 13.61 ng/ml



#22 AR-1248-2

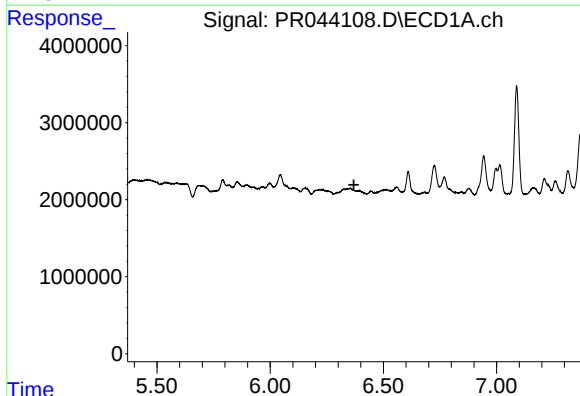
R.T.: 0.000 min
Exp R.T.: 6.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0C48



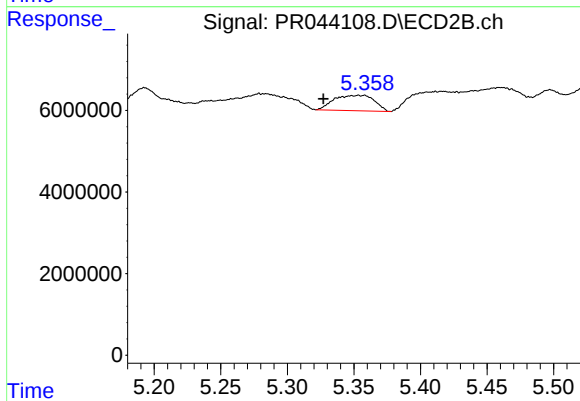
#22 AR-1248-2

R.T.: 5.279 min
Delta R.T.: -0.022 min
Response: 9019350
Conc: 34.47 ng/ml



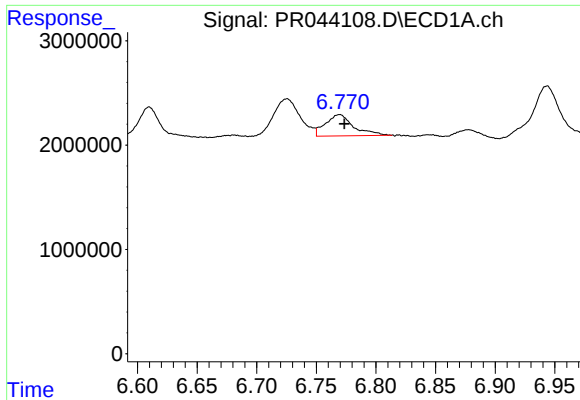
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.370 min
Response: 0
Conc: N.D.



#23 AR-1248-3

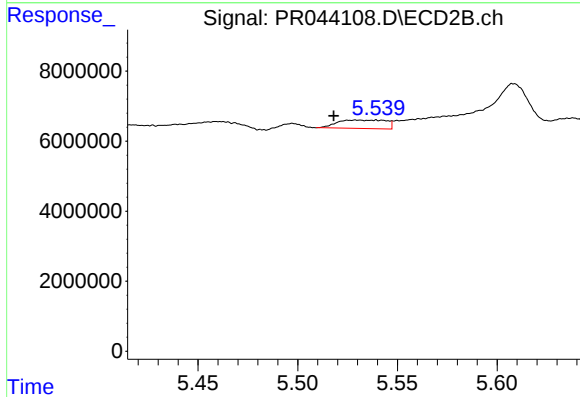
R.T.: 5.354 min
Delta R.T.: 0.027 min
Response: 7933732
Conc: 29.97 ng/ml



#24 AR-1248-4

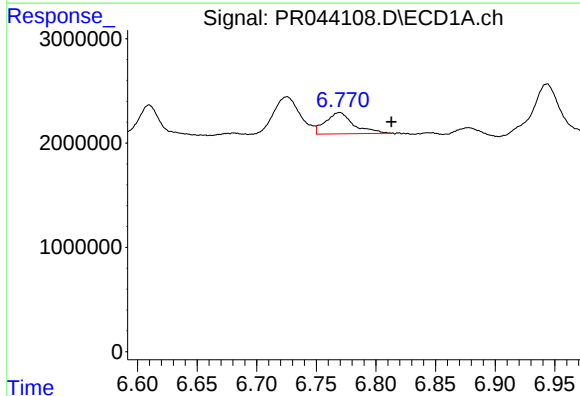
R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 3346225
Conc: 17.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



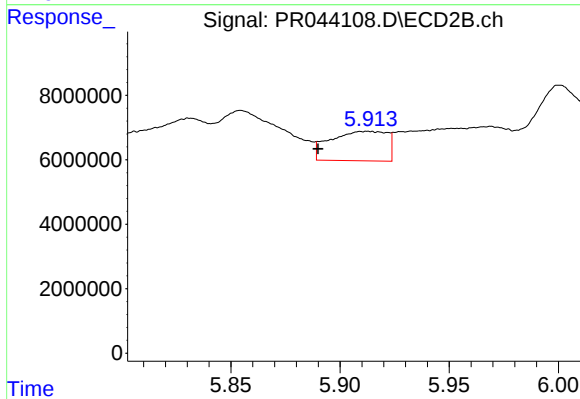
#24 AR-1248-4

R.T.: 5.530 min
Delta R.T.: 0.011 min
Response: 4116867
Conc: 12.37 ng/ml



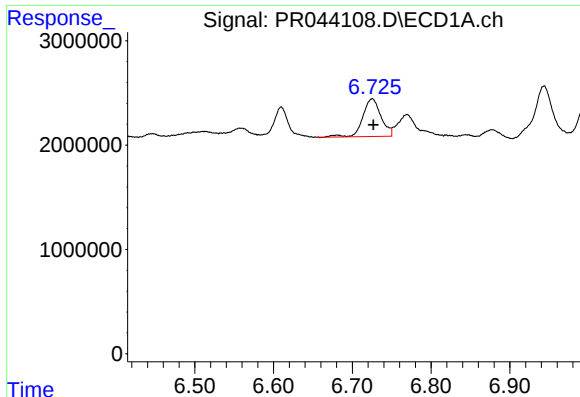
#25 AR-1248-5

R.T.: 6.770 min
Delta R.T.: -0.043 min
Response: 3346225
Conc: 18.25 ng/ml



#25 AR-1248-5

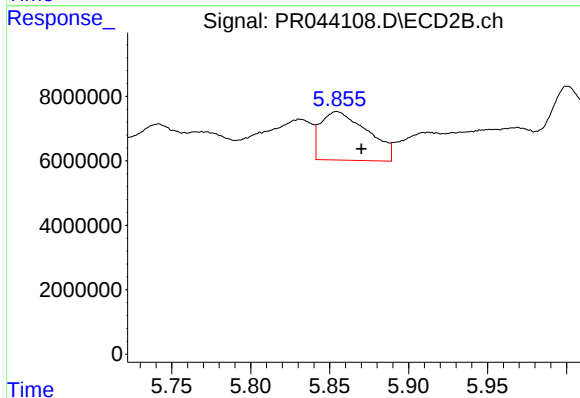
R.T.: 5.913 min
Delta R.T.: 0.023 min
Response: 16546859
Conc: 40.48 ng/ml



#26 AR-1254-1

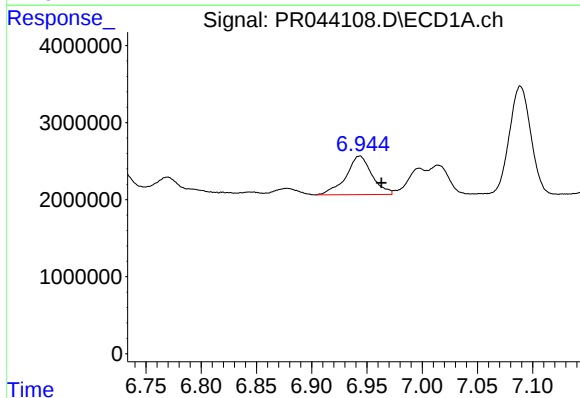
R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 5813427
Conc: 30.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



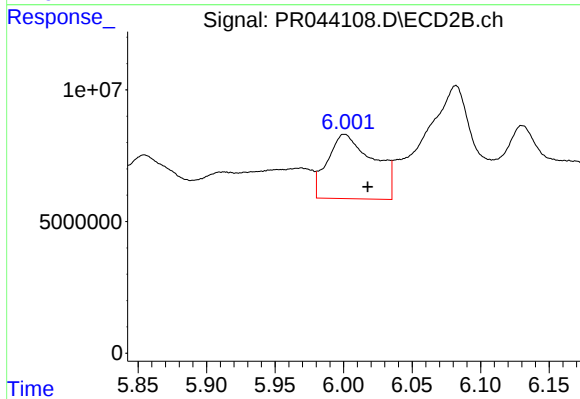
#26 AR-1254-1

R.T.: 5.855 min
Delta R.T.: -0.015 min
Response: 31211634
Conc: 51.84 ng/ml



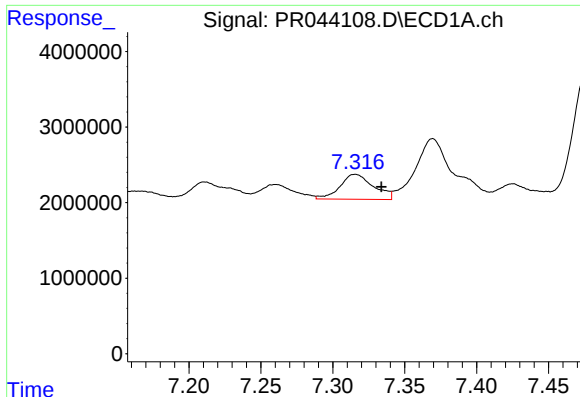
#27 AR-1254-2

R.T.: 6.943 min
Delta R.T.: -0.020 min
Response: 8241621
Conc: 27.03 ng/ml



#27 AR-1254-2

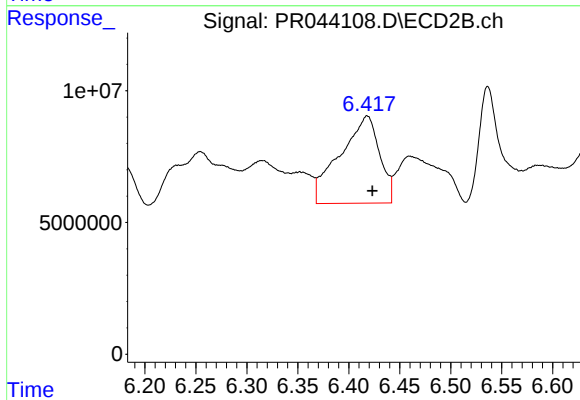
R.T.: 6.001 min
Delta R.T.: -0.017 min
Response: 57066875
Conc: 105.16 ng/ml



#28 AR-1254-3

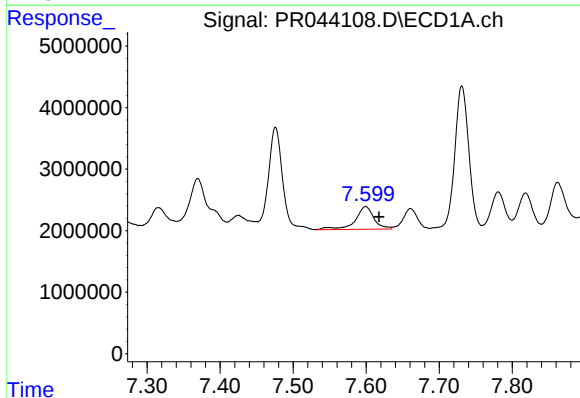
R.T.: 7.316 min
Delta R.T.: -0.018 min
Response: 5363315
Conc: 15.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



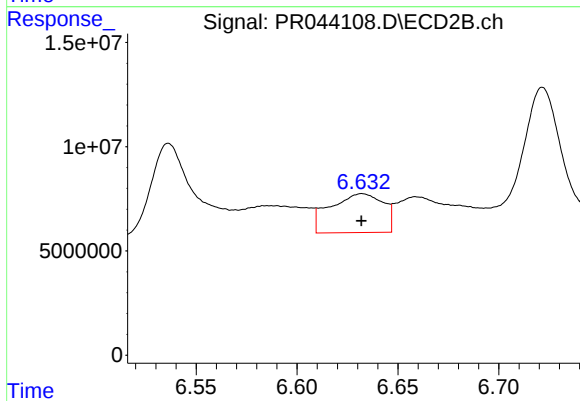
#28 AR-1254-3

R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 89403771
Conc: 93.77 ng/ml



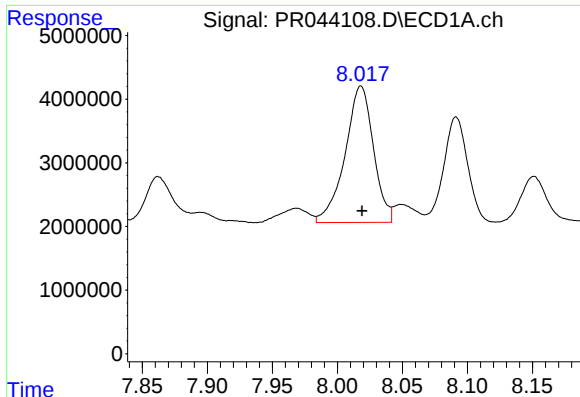
#29 AR-1254-4

R.T.: 7.599 min
Delta R.T.: -0.018 min
Response: 6576723
Conc: 25.10 ng/ml



#29 AR-1254-4

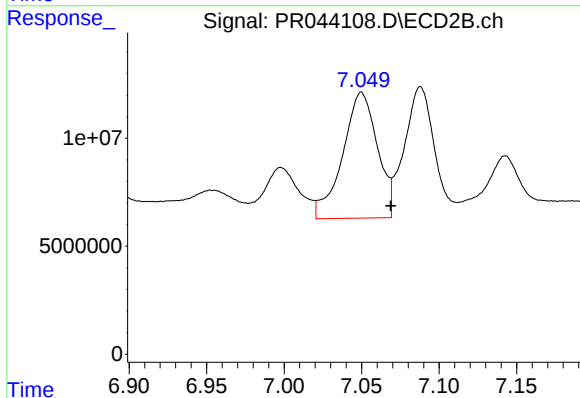
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 33899239
Conc: 51.11 ng/ml



#30 AR-1254-5

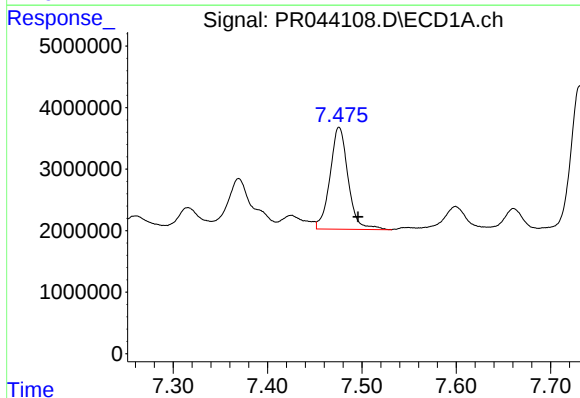
R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 32578594
Conc: 114.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



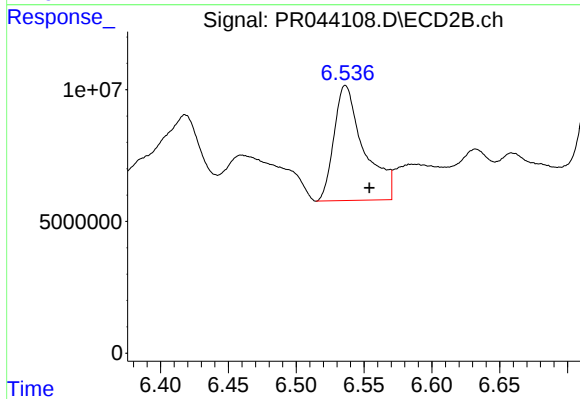
#30 AR-1254-5

R.T.: 7.050 min
Delta R.T.: -0.019 min
Response: 90905622
Conc: 104.46 ng/ml



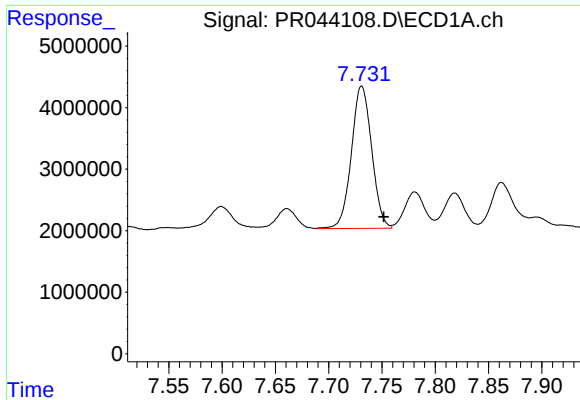
#31 AR-1260-1

R.T.: 7.476 min
Delta R.T.: -0.020 min
Response: 22128411
Conc: 95.73 ng/ml



#31 AR-1260-1

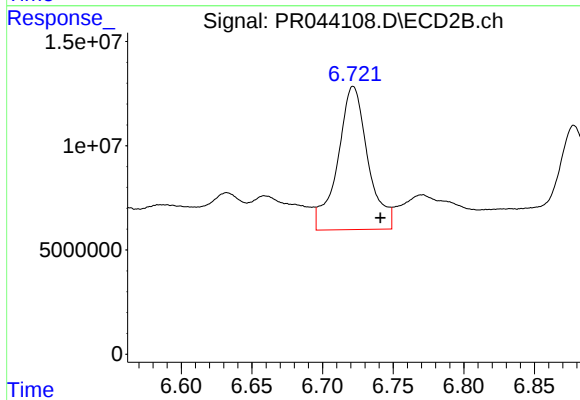
R.T.: 6.536 min
Delta R.T.: -0.018 min
Response: 67129242
Conc: 122.84 ng/ml



#32 AR-1260-2

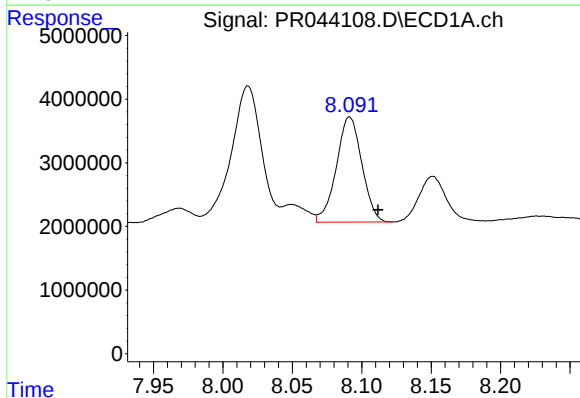
R.T.: 7.731 min
Delta R.T.: -0.021 min
Response: 30725846
Conc: 107.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



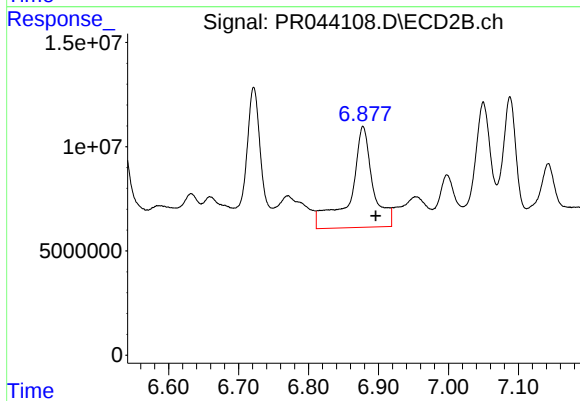
#32 AR-1260-2

R.T.: 6.722 min
Delta R.T.: -0.019 min
Response: 102247682
Conc: 127.41 ng/ml



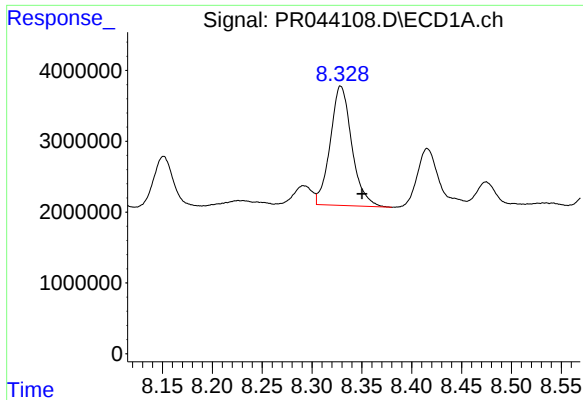
#33 AR-1260-3

R.T.: 8.091 min
Delta R.T.: -0.020 min
Response: 21156742
Conc: 94.22 ng/ml



#33 AR-1260-3

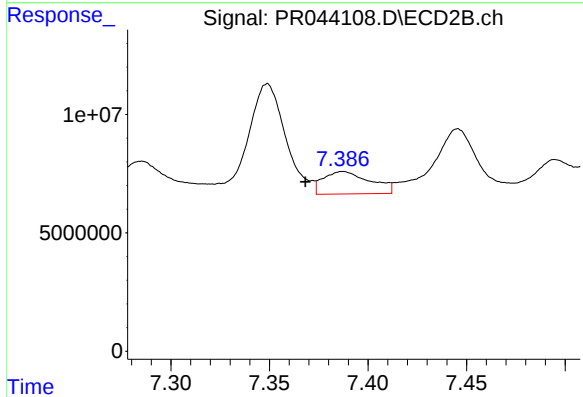
R.T.: 6.878 min
Delta R.T.: -0.018 min
Response: 108211751
Conc: 162.03 ng/ml



#34 AR-1260-4

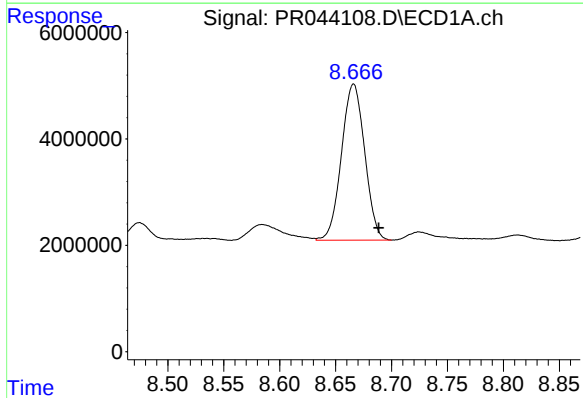
R.T.: 8.329 min
Delta R.T.: -0.021 min
Response: 25399201
Conc: 98.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



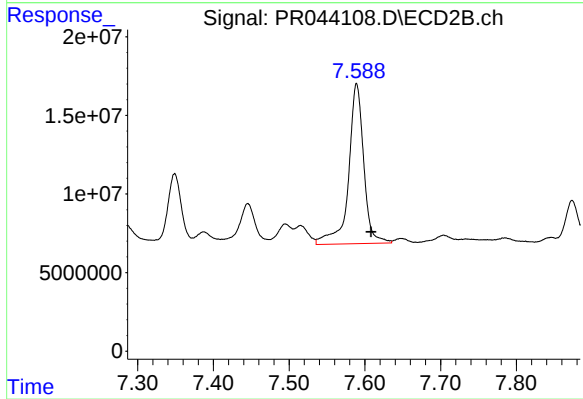
#34 AR-1260-4

R.T.: 7.387 min
Delta R.T.: 0.019 min
Response: 15705394
Conc: 27.98 ng/ml



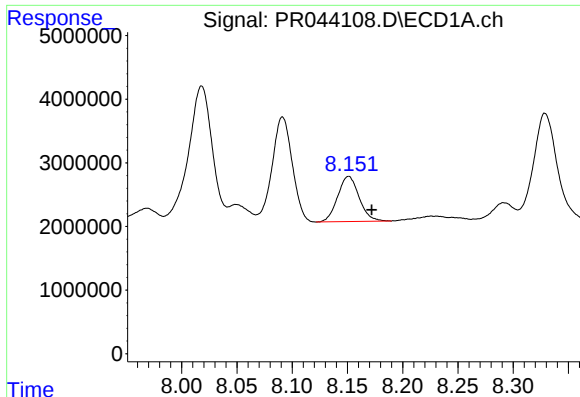
#35 AR-1260-5

R.T.: 8.666 min
Delta R.T.: -0.022 min
Response: 42401372
Conc: 75.91 ng/ml



#35 AR-1260-5

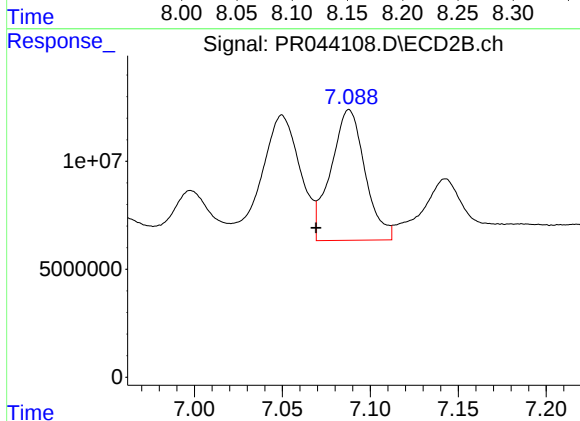
R.T.: 7.589 min
Delta R.T.: -0.019 min
Response: 141905351
Conc: 84.30 ng/ml



#36 AR-1262-1

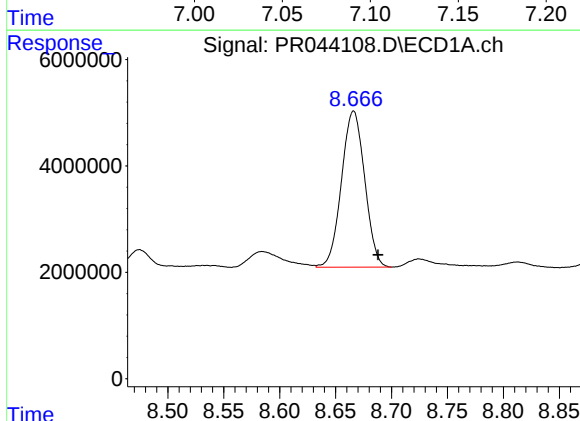
R.T.: 8.151 min
Delta R.T.: -0.021 min
Response: 9630963
Conc: 66.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



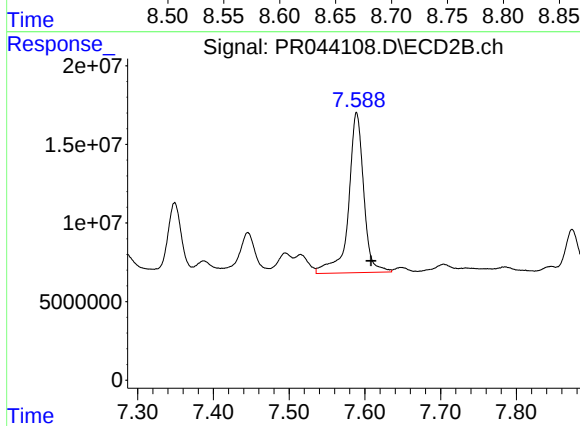
#36 AR-1262-1

R.T.: 7.088 min
Delta R.T.: 0.019 min
Response: 82033014
Conc: 165.83 ng/ml



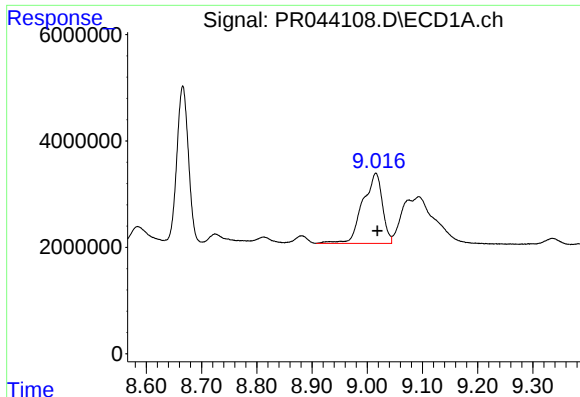
#37 AR-1262-2

R.T.: 8.666 min
Delta R.T.: -0.022 min
Response: 42401372
Conc: 59.73 ng/ml



#37 AR-1262-2

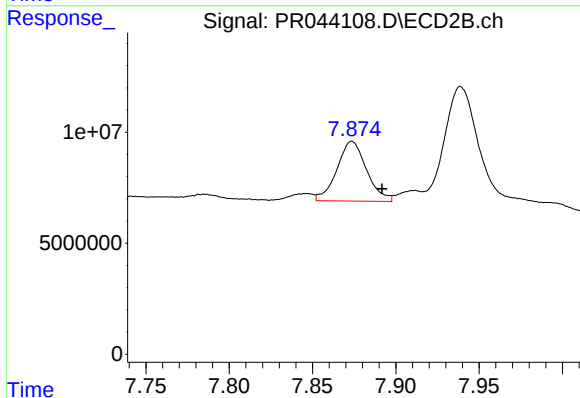
R.T.: 7.589 min
Delta R.T.: -0.019 min
Response: 141905351
Conc: 65.26 ng/ml



#38 AR-1262-3

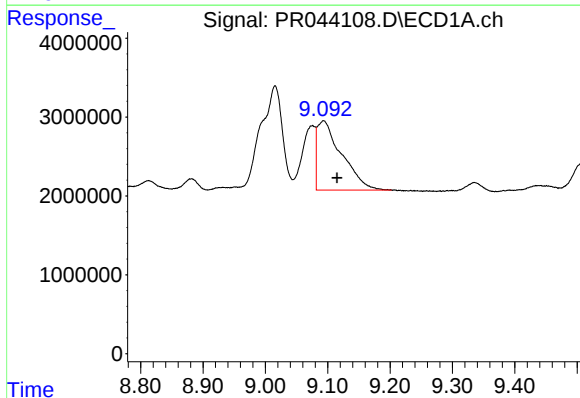
R.T.: 9.016 min
Delta R.T.: -0.003 min
Response: 32686730
Conc: 70.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



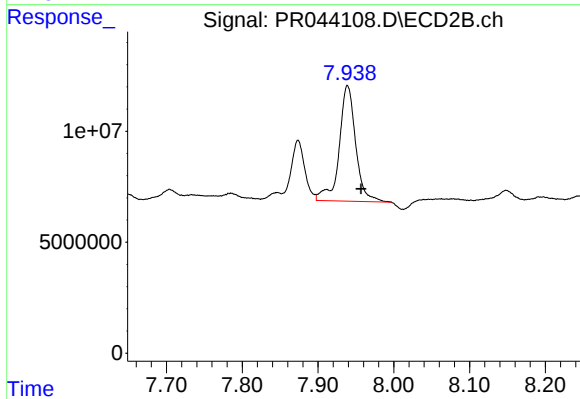
#38 AR-1262-3

R.T.: 7.874 min
Delta R.T.: -0.018 min
Response: 33322102
Conc: 38.58 ng/ml



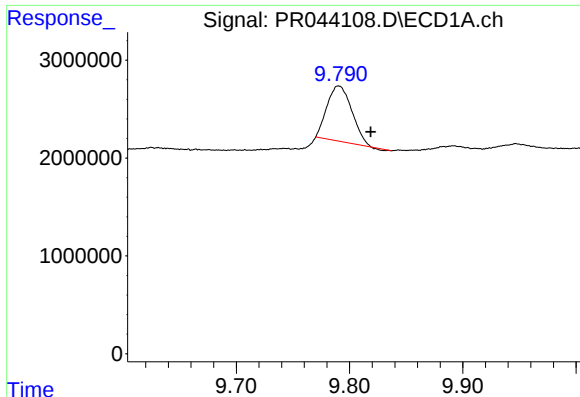
#39 AR-1262-4

R.T.: 9.094 min
Delta R.T.: -0.021 min
Response: 24019553
Conc: 70.44 ng/ml



#39 AR-1262-4

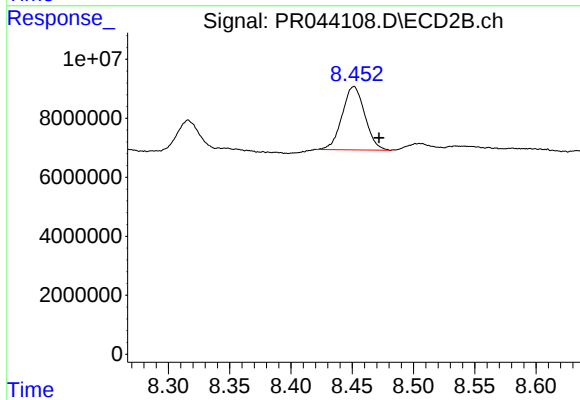
R.T.: 7.939 min
Delta R.T.: -0.018 min
Response: 78718700
Conc: 55.36 ng/ml



#40 AR-1262-5

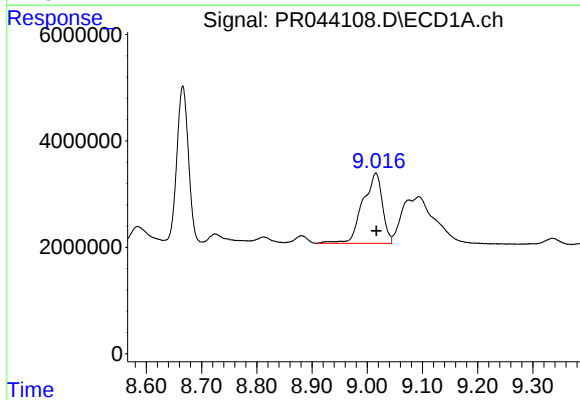
R.T.: 9.790 min
Delta R.T.: -0.028 min
Response: 8519113
Conc: 35.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



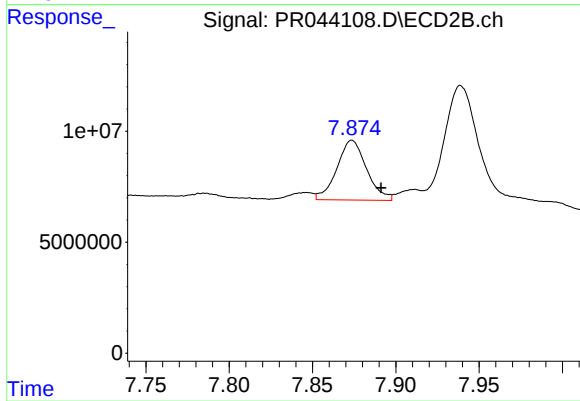
#40 AR-1262-5

R.T.: 8.451 min
Delta R.T.: -0.020 min
Response: 27584652
Conc: 43.15 ng/ml



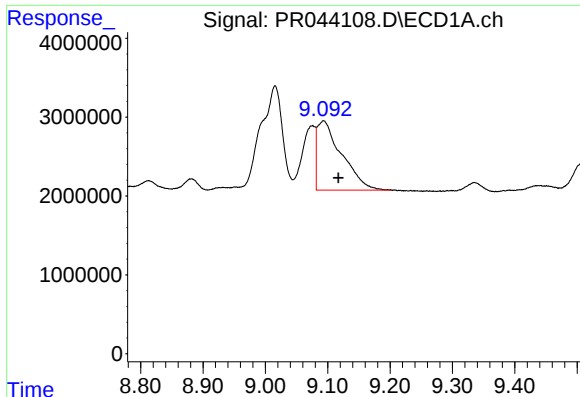
#41 AR-1268-1

R.T.: 9.016 min
Delta R.T.: -0.001 min
Response: 32686730
Conc: 40.59 ng/ml



#41 AR-1268-1

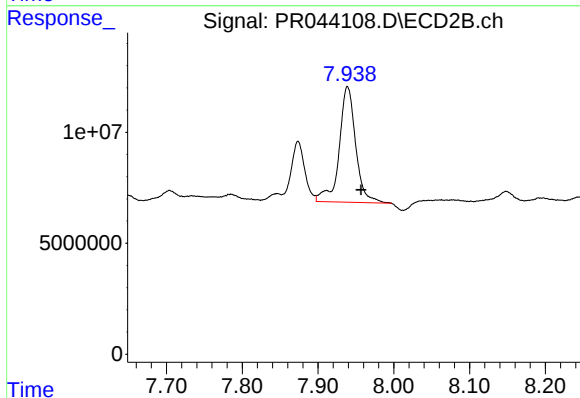
R.T.: 7.874 min
Delta R.T.: -0.017 min
Response: 33322102
Conc: 13.63 ng/ml



#42 AR-1268-2

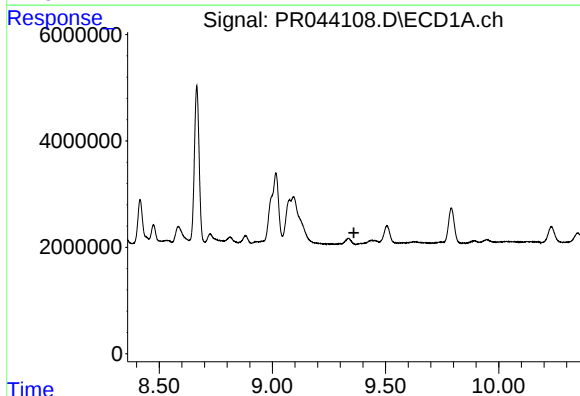
R.T.: 9.094 min
Delta R.T.: -0.023 min
Response: 24019553
Conc: 32.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



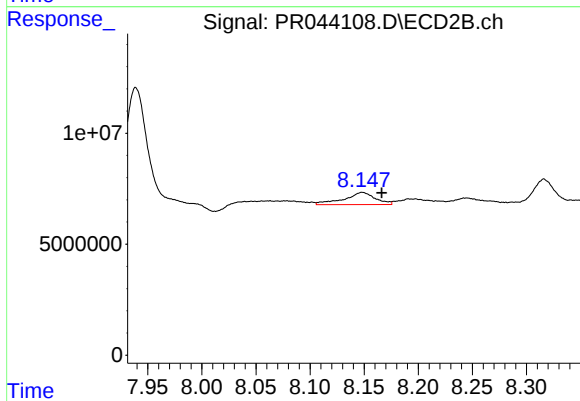
#42 AR-1268-2

R.T.: 7.939 min
Delta R.T.: -0.018 min
Response: 78718700
Conc: 37.63 ng/ml



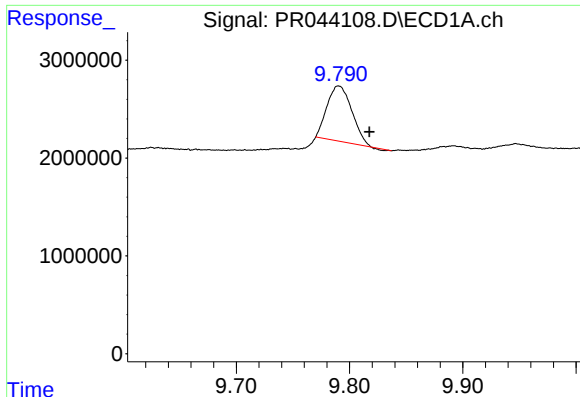
#43 AR-1268-3

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



#43 AR-1268-3

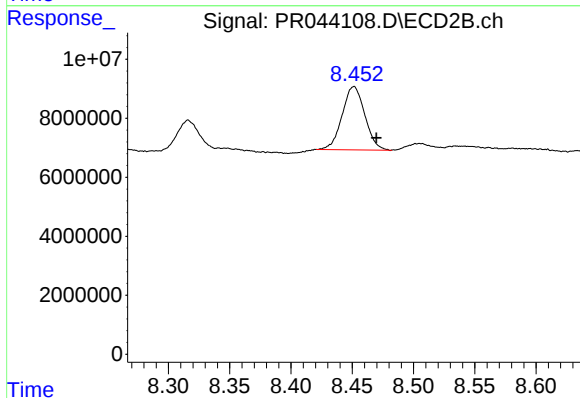
R.T.: 8.148 min
Delta R.T.: -0.018 min
Response: 11140519
Conc: 6.19 ng/ml



#44 AR-1268-4

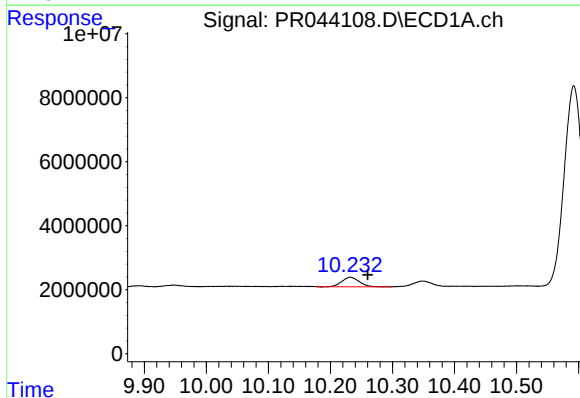
R.T.: 9.790 min
Delta R.T.: -0.027 min
Response: 8519113
Conc: 32.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0C48



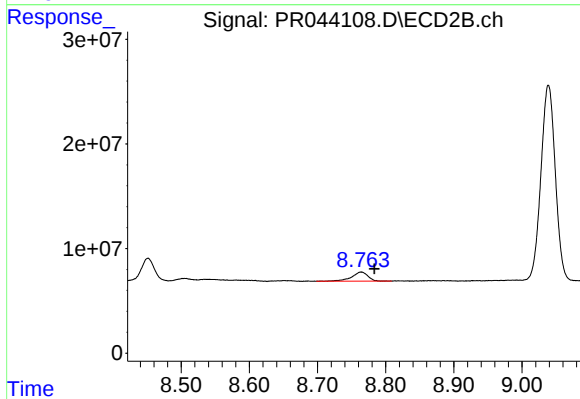
#44 AR-1268-4

R.T.: 8.451 min
Delta R.T.: -0.018 min
Response: 27584652
Conc: 39.15 ng/ml



#45 AR-1268-5

R.T.: 10.232 min
Delta R.T.: -0.028 min
Response: 5809648
Conc: 2.82 ng/ml



#45 AR-1268-5

R.T.: 8.764 min
Delta R.T.: -0.019 min
Response: 14278811
Conc: 2.93 ng/ml