

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110419\
 Data File : PR042809.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2019 13:35
 Operator : SM\AJ
 Sample : K5639-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 DUP-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 14:37:29 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...	4.712	3.972	88628605	343.1E6	15.036	17.111
2)	SA Decachlor...	10.624	9.069	37988740	105.8E6	9.493	8.423
Target Compounds							
3)	L1 AR-1016-1	5.875	0.000	2607966	0	14.537	N.D. #
4)	L1 AR-1016-2	5.875	0.000	2607966	0	10.466	N.D. #
6)	L1 AR-1016-4	6.050	0.000	934450	0	7.446	N.D. #
7)	L1 AR-1016-5	6.336	5.542	12158645	50866340	98.182	165.788 #
8)	L2 AR-1221-1	0.000	4.135	0	12645852	N.D.	69.901 #
9)	L2 AR-1221-2	5.023	4.277	1338347	5383770	35.978	40.710
10)	L2 AR-1221-3	5.023	4.397	1338347	9296881	11.586	22.478 #
11)	L3 AR-1232-1	5.023	4.397	1338347	9296881	8.376	16.107 #
13)	L3 AR-1232-3	5.875	0.000	2607966	0	15.144	N.D. #
14)	L3 AR-1232-4	6.050	0.000	934450	0	10.927	N.D. #
15)	L3 AR-1232-5	0.000	5.542	0	50866340	N.D.	250.535 #
16)	L4 AR-1242-1	5.875	0.000	2607966	0	20.457	N.D. #
17)	L4 AR-1242-2	5.875	0.000	2607966	0	14.538	N.D. #
19)	L4 AR-1242-4	6.050	0.000	934450	0	10.369	N.D. #
20)	L4 AR-1242-5	6.789	5.853	21763925	22065763	217.717	74.817 #
21)	L5 AR-1248-1	5.875	0.000	2607966	0	27.489	N.D. #
23)	L5 AR-1248-3	6.336	0.000	12158645	0	82.102	N.D. #
24)	L5 AR-1248-4	6.789	5.542	21763925	50866340	127.454	141.766
25)	L5 AR-1248-5	6.789	5.897	21763925	152.2E6	134.205	392.677 #
26)	L6 AR-1254-1	6.747	5.853	78839587	22065763	422.356	35.015 #
27)	L6 AR-1254-2	6.962	5.996	17618150	9756871	60.354	16.700 #
28)	L6 AR-1254-3	7.347	6.427	25086561	8388617	79.657	8.152 #
29)	L6 AR-1254-4	7.616	6.655	11426149	12787286	48.752	16.768 #
30)	L6 AR-1254-5	8.036	7.073	23561324	52069178	93.713	56.485 #
31)	L7 AR-1260-1	7.495	6.559	10361298	3783743	49.837	6.243 #
32)	L7 AR-1260-2	7.751	6.741	27668980	71225093	113.173	82.371 #
33)	L7 AR-1260-3	8.110	6.900	10451381	33083978	57.817	46.585
34)	L7 AR-1260-4	8.344	7.371	14730012	11545932	70.583	19.776 #
35)	L7 AR-1260-5	8.687	7.611	14962723	45991845	36.089	28.508
36)	L8 AR-1262-1	8.110	7.165	10451381	11310975	35.418	26.035 #
37)	L8 AR-1262-2	8.687	7.611	14962723	45991845	26.867	22.007
38)	L8 AR-1262-3	9.038	7.930	9860154	186.0E6	27.592	221.779 #
39)	L8 AR-1262-4	9.116	7.956	2132930	135.6E6	15.741	96.149 #
40)	L8 AR-1262-5	9.815	8.476	13106921	7375140	71.560	11.333 #
41)	L9 AR-1268-1	9.038	7.930	9860154	186.0E6	15.538	76.599 #
42)	L9 AR-1268-2	9.116	7.956	2132930	135.6E6	3.705	63.133 #
43)	L9 AR-1268-3	9.359	0.000	1568267	0	3.328	N.D. #
44)	L9 AR-1268-4	9.815	8.476	13106921	7375140	63.873	10.173 #
45)	L9 AR-1268-5	10.258	8.792	6959160	20657651	4.446	4.010

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110419\
Data File : PR042809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2019 13:35
Operator : SM\AJ
Sample : K5639-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
DUP-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:37:29 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
----------	------	------	--------	--------	-------	-------

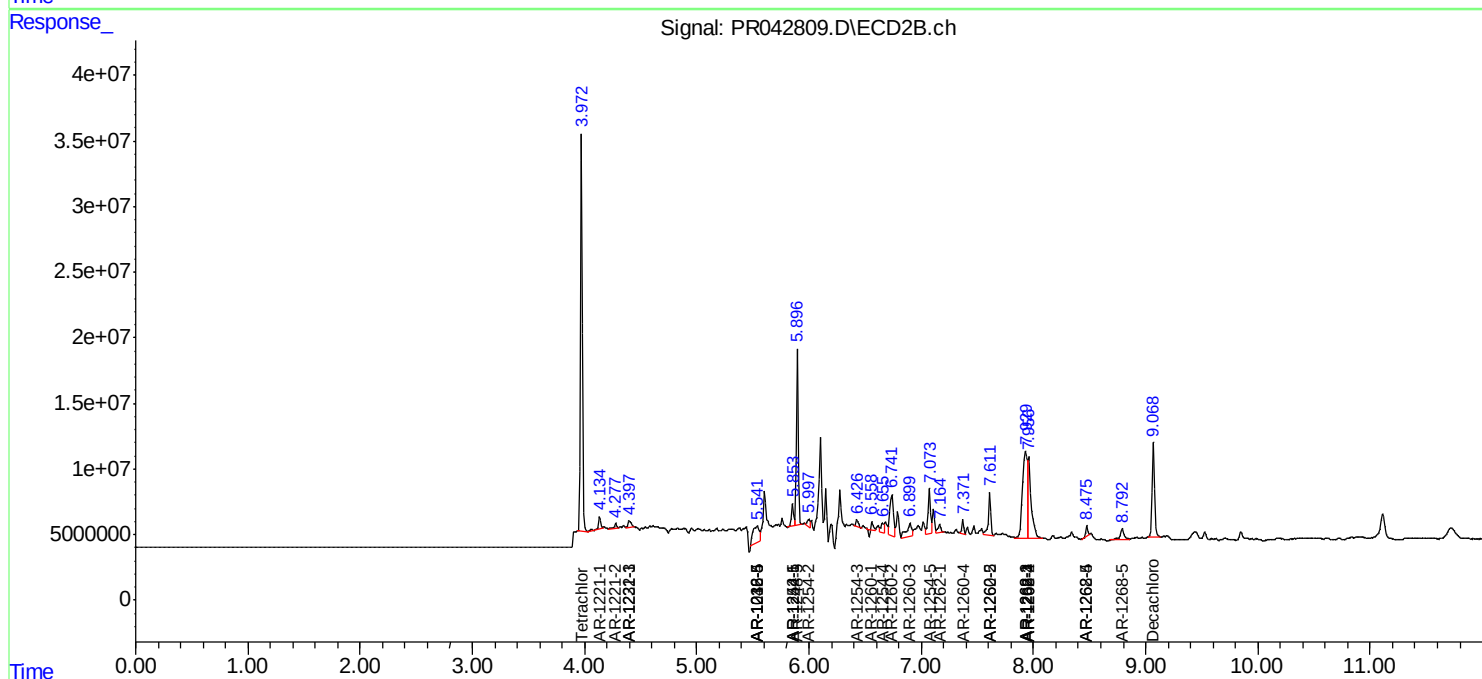
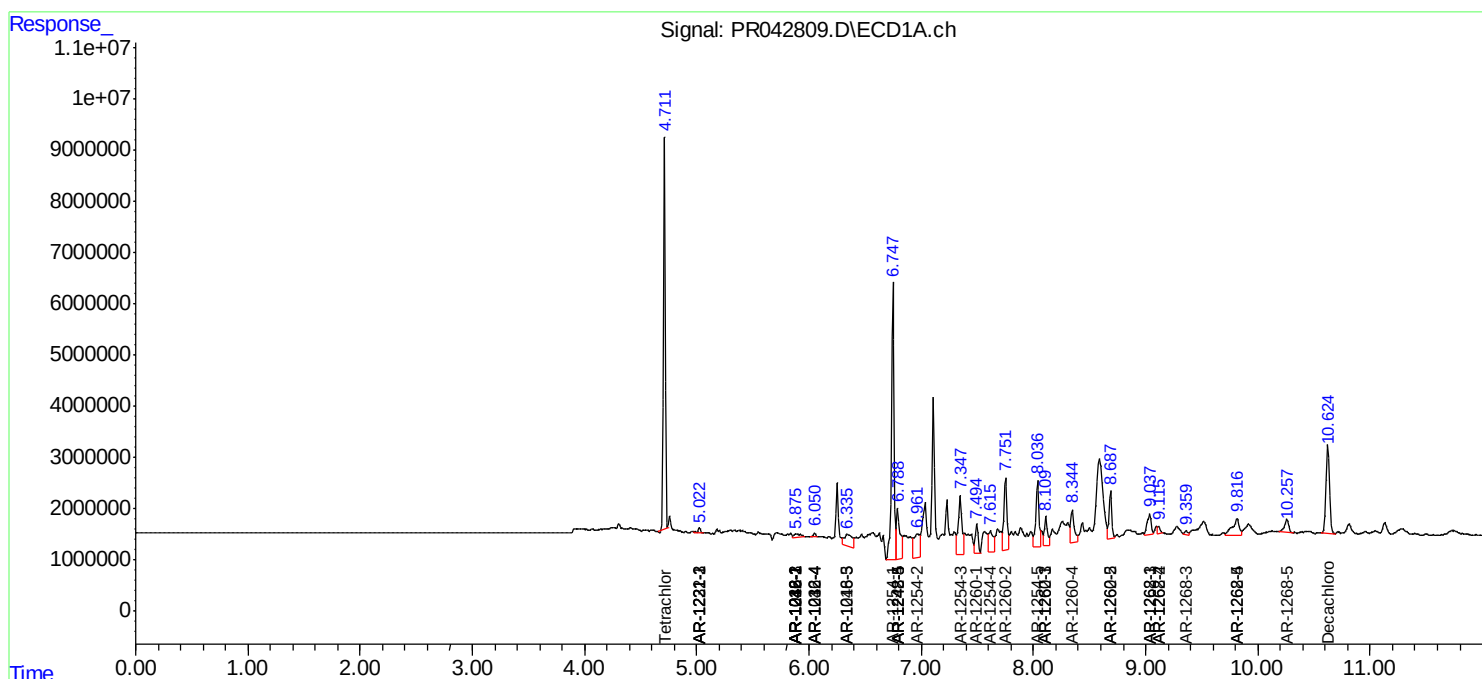
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

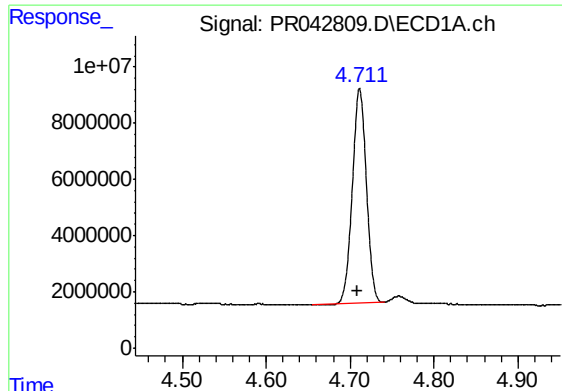
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110419\
Data File : PR042809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2019 13:35
Operator : SM\AJ
Sample : K5639-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
DUP-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:37:29 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

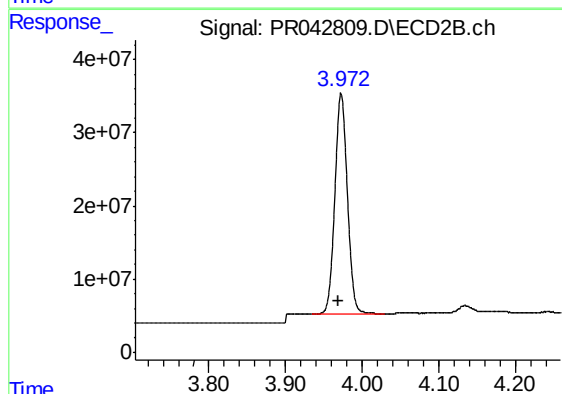




#1 Tetrachloro-m-xylene

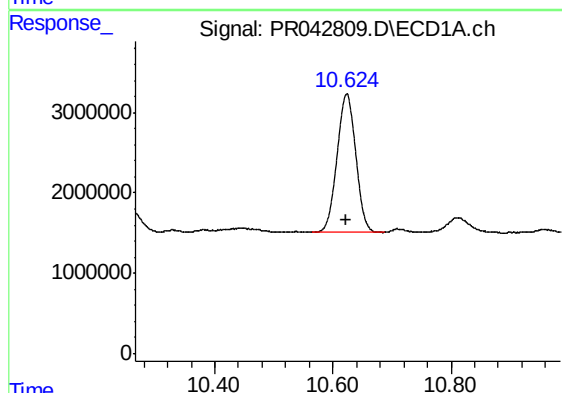
R.T.: 4.712 min
Delta R.T.: 0.003 min
Response: 88628605
Conc: 15.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



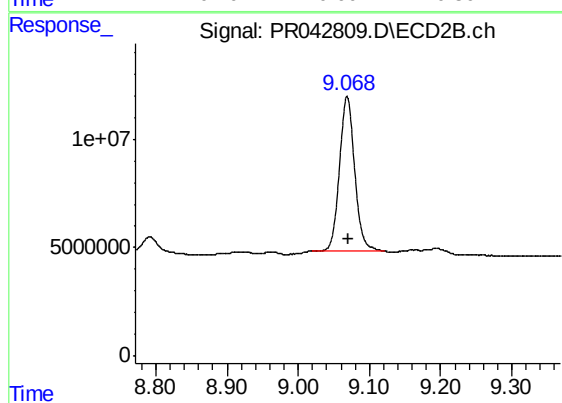
#1 Tetrachloro-m-xylene

R.T.: 3.972 min
Delta R.T.: 0.003 min
Response: 343089464
Conc: 17.11 ng/ml



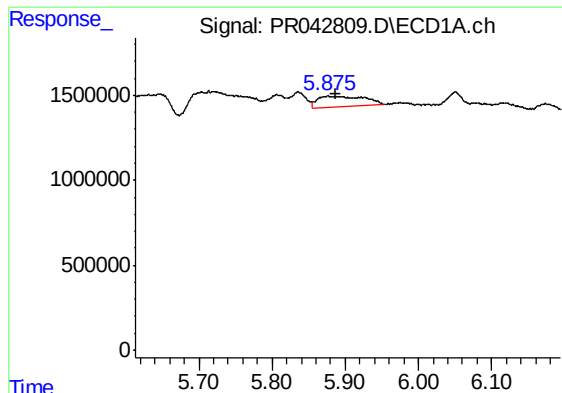
#2 Decachlorobiphenyl

R.T.: 10.624 min
Delta R.T.: 0.002 min
Response: 37988740
Conc: 9.49 ng/ml



#2 Decachlorobiphenyl

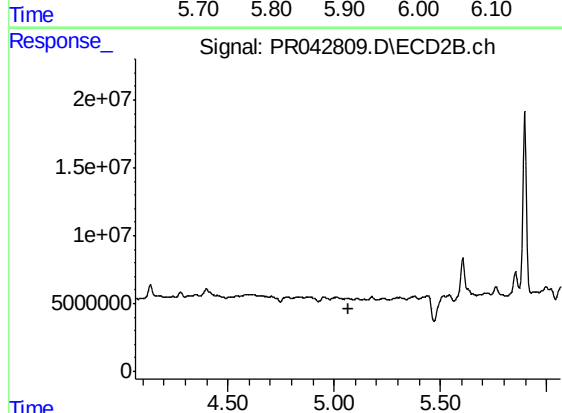
R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 105846884
Conc: 8.42 ng/ml



#3 AR-1016-1

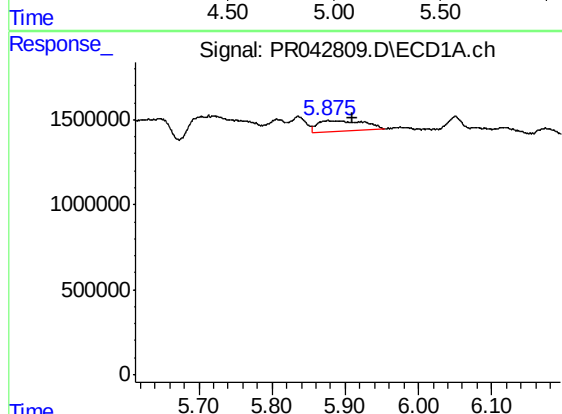
R.T.: 5.875 min
Delta R.T.: -0.011 min
Response: 2607966
Conc: 14.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



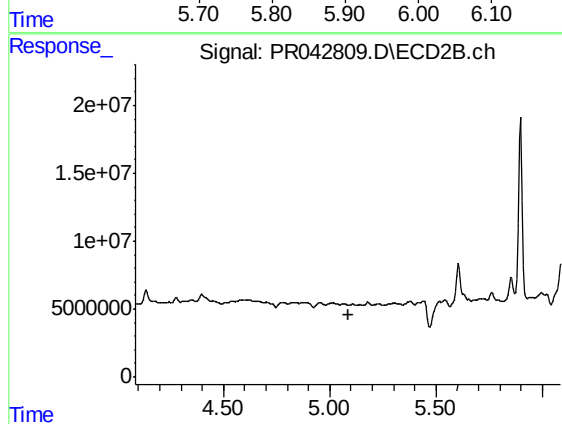
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.065 min
Response: 0
Conc: N.D.



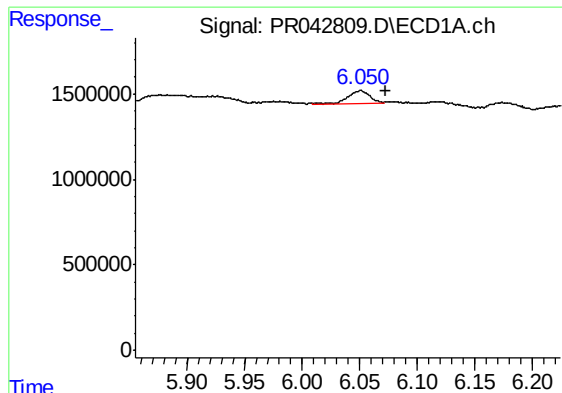
#4 AR-1016-2

R.T.: 5.875 min
Delta R.T.: -0.034 min
Response: 2607966
Conc: 10.47 ng/ml



#4 AR-1016-2

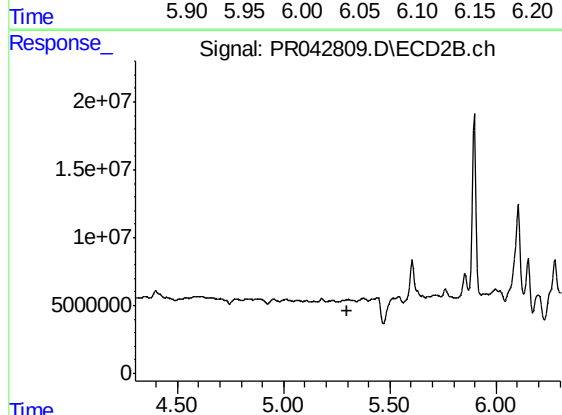
R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



#6 AR-1016-4

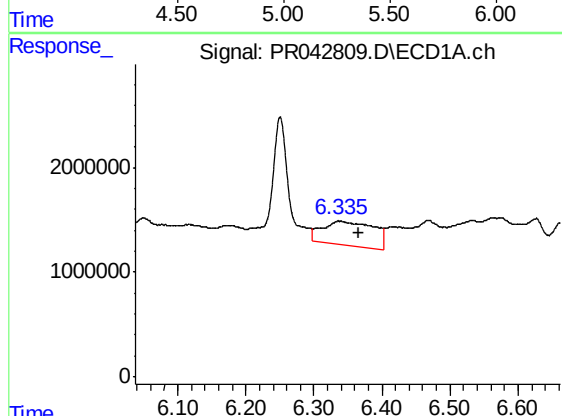
R.T.: 6.050 min
Delta R.T.: -0.022 min
Response: 934450
Conc: 7.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



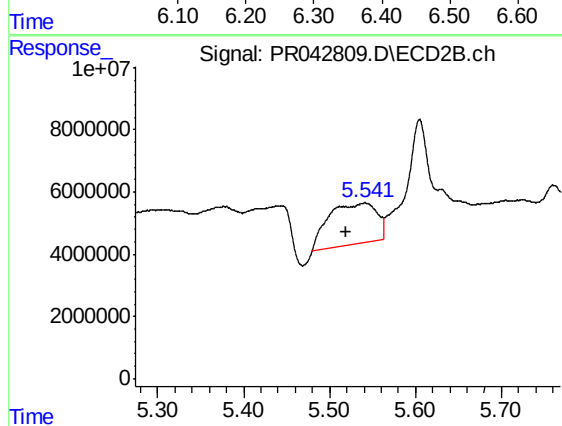
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.303 min
Response: 0
Conc: N.D.



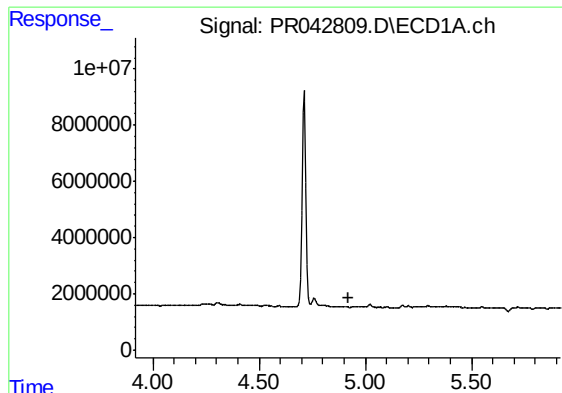
#7 AR-1016-5

R.T.: 6.336 min
Delta R.T.: -0.031 min
Response: 12158645
Conc: 98.18 ng/ml



#7 AR-1016-5

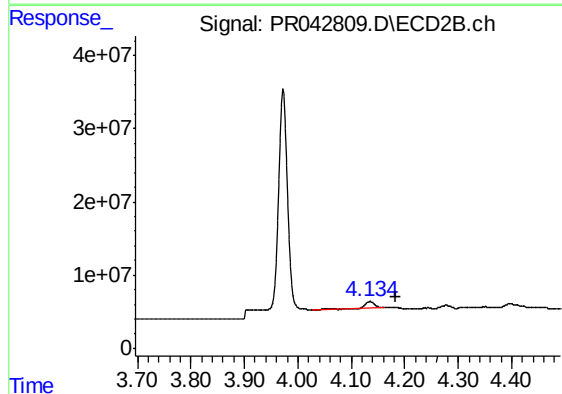
R.T.: 5.542 min
Delta R.T.: 0.022 min
Response: 50866340
Conc: 165.79 ng/ml



#8 AR-1221-1

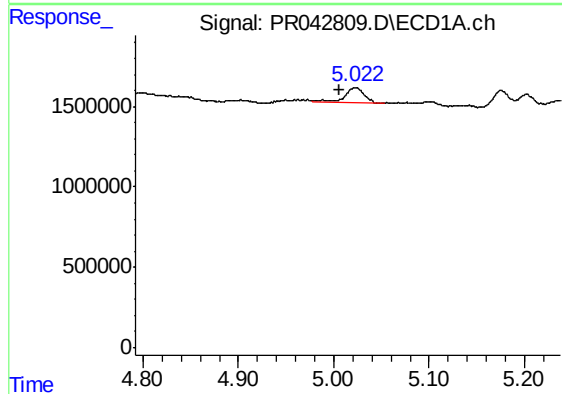
R.T.: 0.000 min
Exp R.T.: 4.918 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
DUP-1



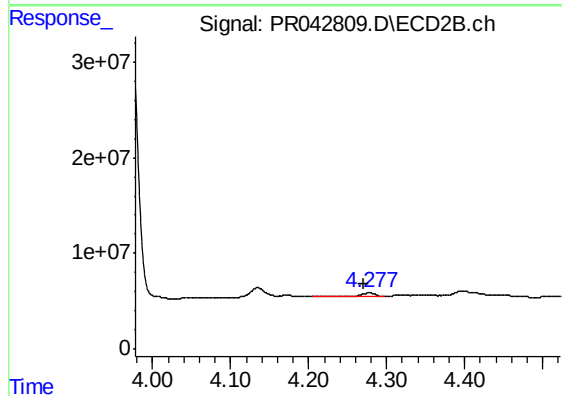
#8 AR-1221-1

R.T.: 4.135 min
Delta R.T.: -0.048 min
Response: 12645852
Conc: 69.90 ng/ml



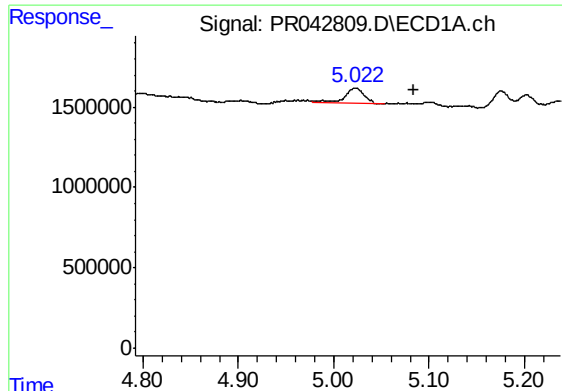
#9 AR-1221-2

R.T.: 5.023 min
Delta R.T.: 0.017 min
Response: 1338347
Conc: 35.98 ng/ml



#9 AR-1221-2

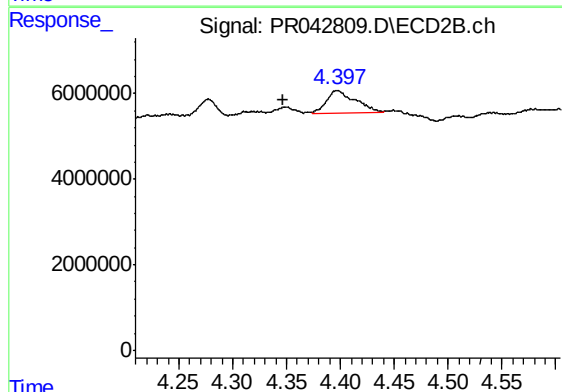
R.T.: 4.277 min
Delta R.T.: 0.007 min
Response: 5383770
Conc: 40.71 ng/ml



#10 AR-1221-3

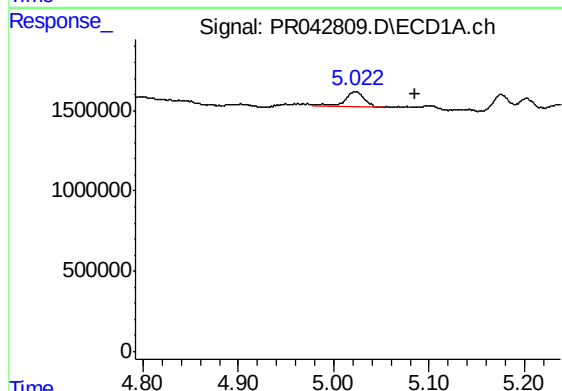
R.T.: 5.023 min
Delta R.T.: -0.062 min
Response: 1338347
Conc: 11.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



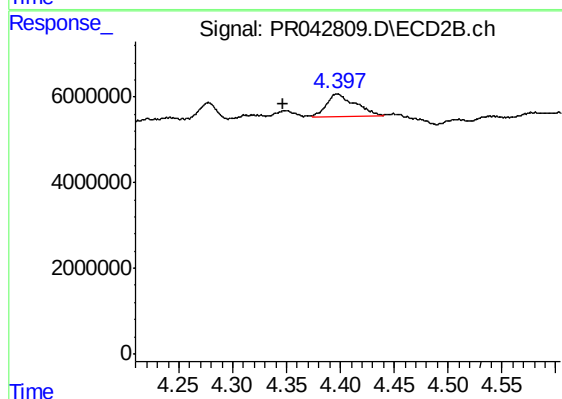
#10 AR-1221-3

R.T.: 4.397 min
Delta R.T.: 0.049 min
Response: 9296881
Conc: 22.48 ng/ml



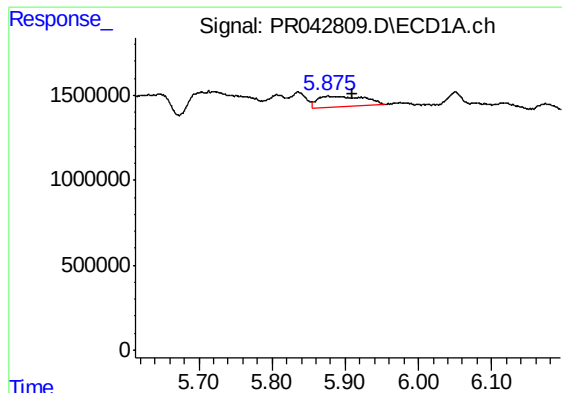
#11 AR-1232-1

R.T.: 5.023 min
Delta R.T.: -0.062 min
Response: 1338347
Conc: 8.38 ng/ml



#11 AR-1232-1

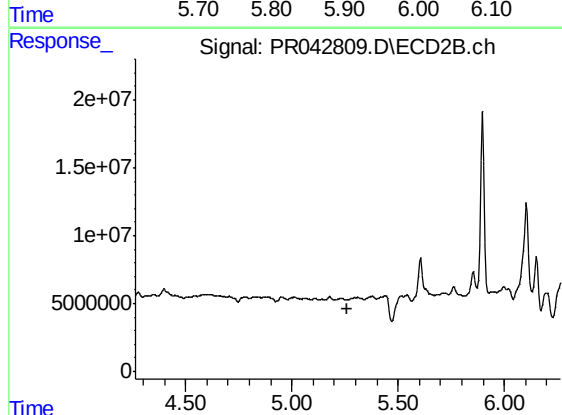
R.T.: 4.397 min
Delta R.T.: 0.050 min
Response: 9296881
Conc: 16.11 ng/ml



#13 AR-1232-3

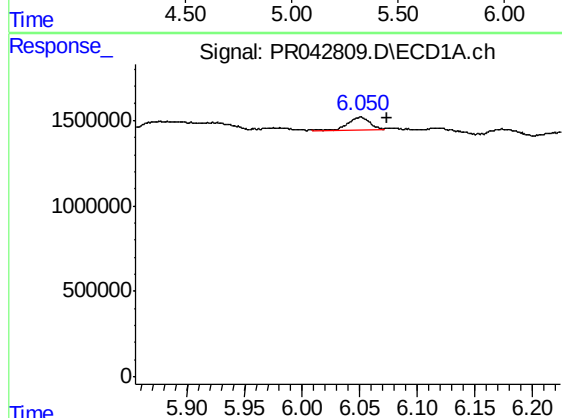
R.T.: 5.875 min
Delta R.T.: -0.035 min
Response: 2607966
Conc: 15.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



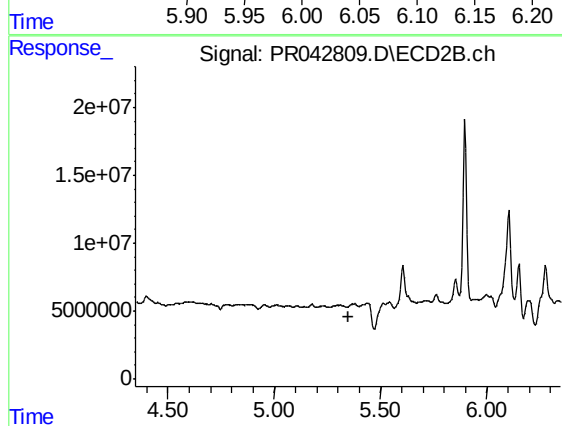
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.264 min
Response: 0
Conc: N.D.



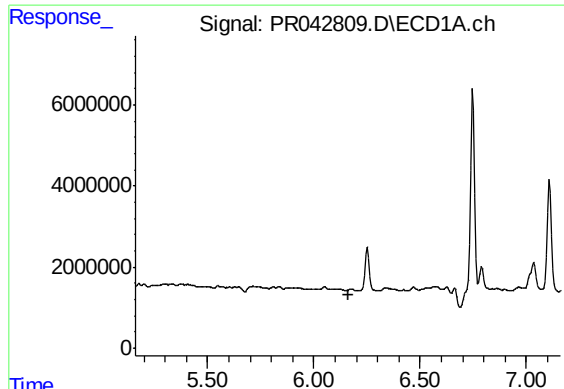
#14 AR-1232-4

R.T.: 6.050 min
Delta R.T.: -0.023 min
Response: 934450
Conc: 10.93 ng/ml



#14 AR-1232-4

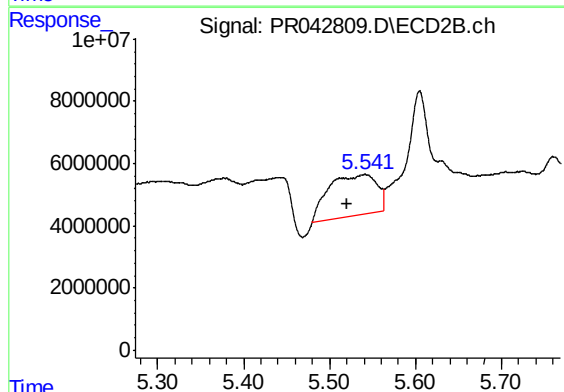
R.T.: 0.000 min
Exp R.T. : 5.347 min
Response: 0
Conc: N.D.



#15 AR-1232-5

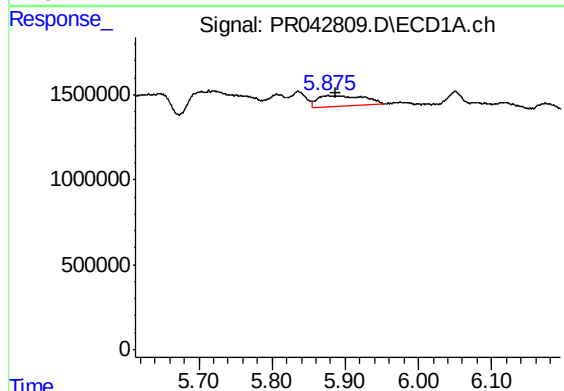
R.T.: 0.000 min
Exp R.T. : 6.160 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
DUP-1



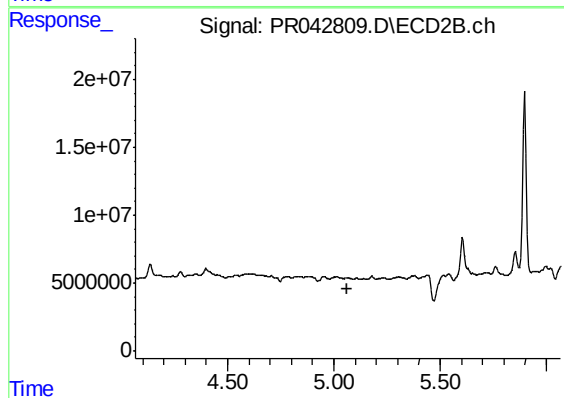
#15 AR-1232-5

R.T.: 5.542 min
Delta R.T.: 0.022 min
Response: 50866340
Conc: 250.54 ng/ml



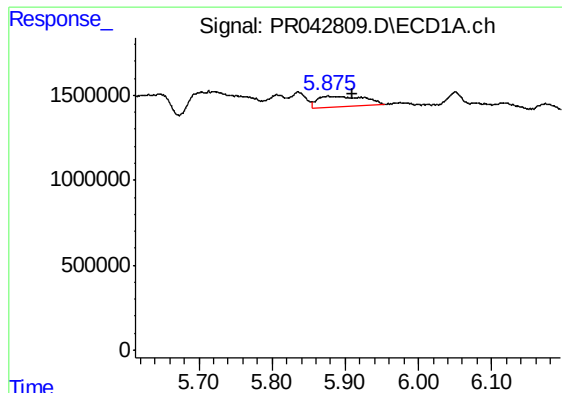
#16 AR-1242-1

R.T.: 5.875 min
Delta R.T.: -0.011 min
Response: 2607966
Conc: 20.46 ng/ml



#16 AR-1242-1

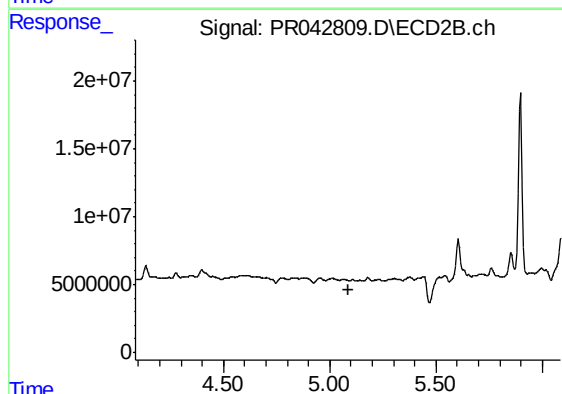
R.T.: 0.000 min
Exp R.T. : 5.066 min
Response: 0
Conc: N.D.



#17 AR-1242-2

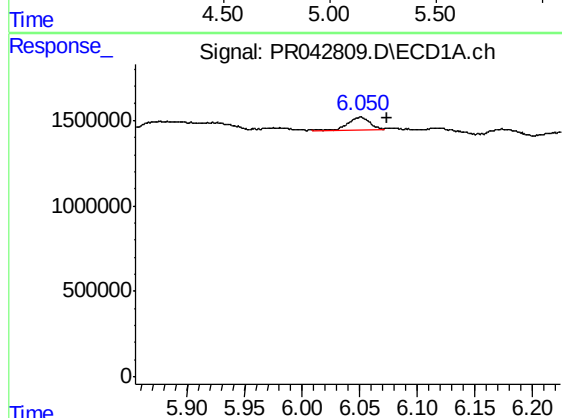
R.T.: 5.875 min
Delta R.T.: -0.035 min
Response: 2607966
Conc: 14.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



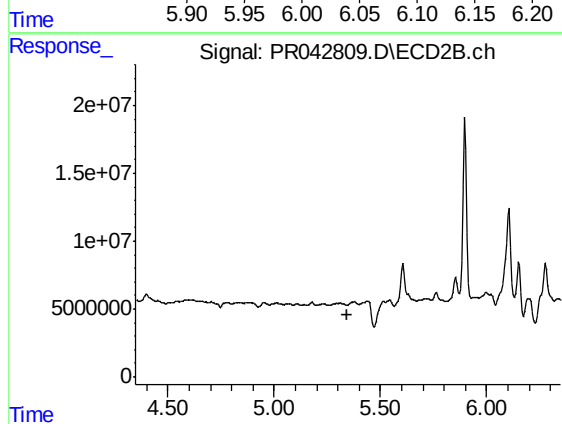
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.086 min
Response: 0
Conc: N.D.



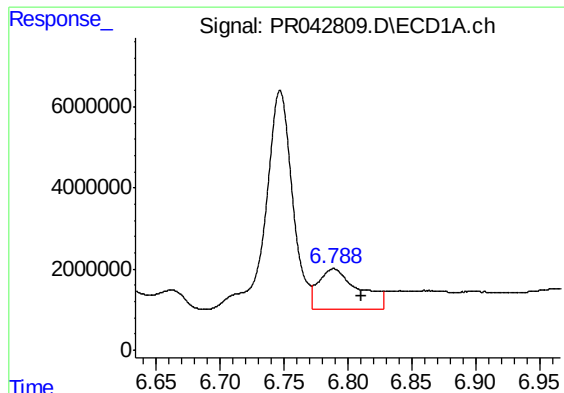
#19 AR-1242-4

R.T.: 6.050 min
Delta R.T.: -0.023 min
Response: 934450
Conc: 10.37 ng/ml



#19 AR-1242-4

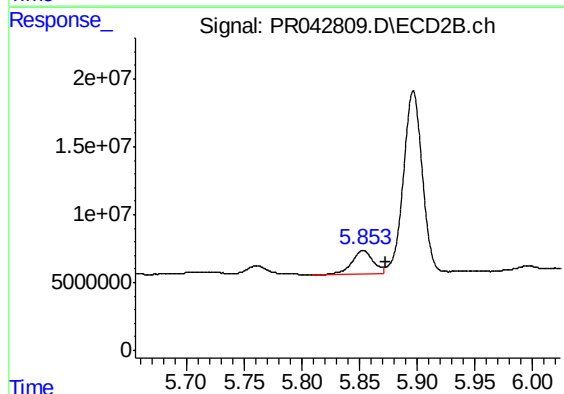
R.T.: 0.000 min
Exp R.T. : 5.347 min
Response: 0
Conc: N.D.



#20 AR-1242-5

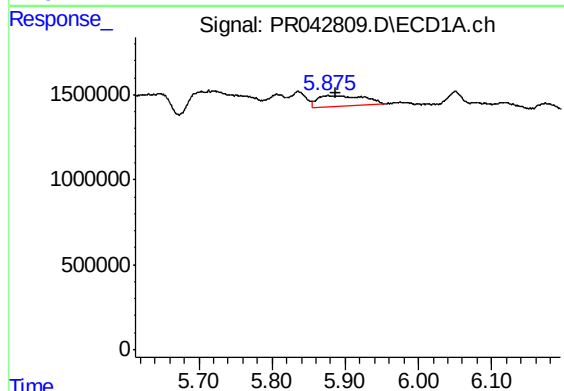
R.T.: 6.789 min
Delta R.T.: -0.022 min
Response: 21763925
Conc: 217.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



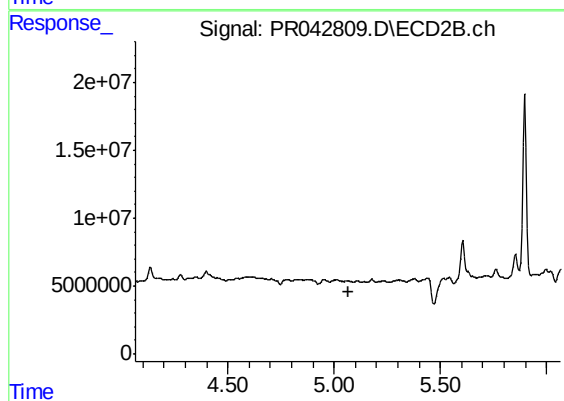
#20 AR-1242-5

R.T.: 5.853 min
Delta R.T.: -0.020 min
Response: 22065763
Conc: 74.82 ng/ml



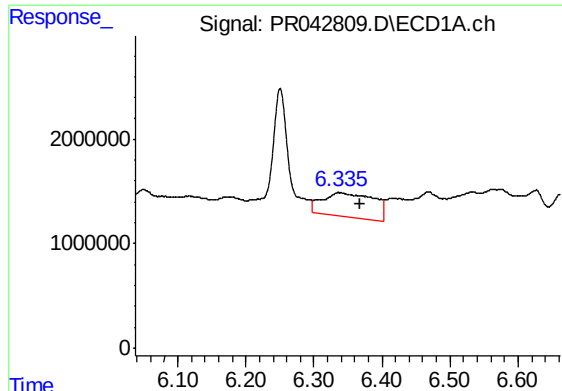
#21 AR-1248-1

R.T.: 5.875 min
Delta R.T.: -0.012 min
Response: 2607966
Conc: 27.49 ng/ml



#21 AR-1248-1

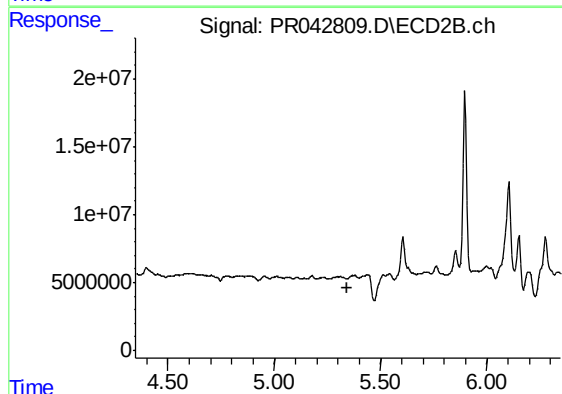
R.T.: 0.000 min
Exp R.T. : 5.065 min
Response: 0
Conc: N.D.



#23 AR-1248-3

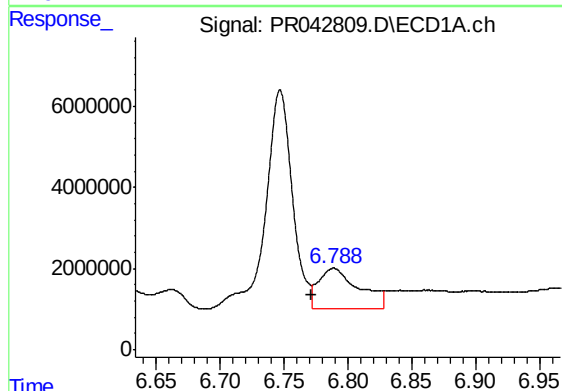
R.T.: 6.336 min
Delta R.T.: -0.031 min
Response: 12158645
Conc: 82.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



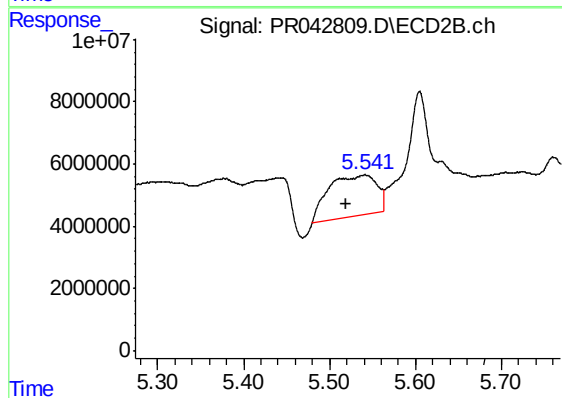
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.347 min
Response: 0
Conc: N.D.



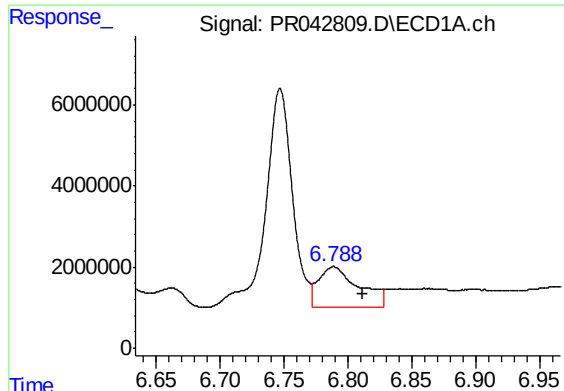
#24 AR-1248-4

R.T.: 6.789 min
Delta R.T.: 0.017 min
Response: 21763925
Conc: 127.45 ng/ml



#24 AR-1248-4

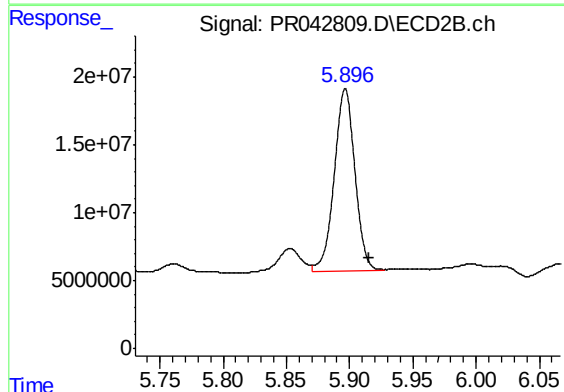
R.T.: 5.542 min
Delta R.T.: 0.022 min
Response: 50866340
Conc: 141.77 ng/ml



#25 AR-1248-5

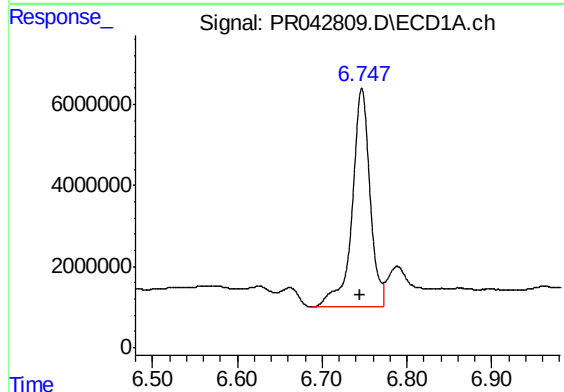
R.T.: 6.789 min
Delta R.T.: -0.022 min
Response: 21763925
Conc: 134.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



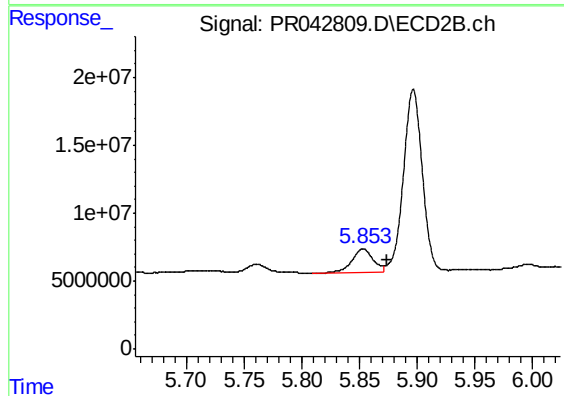
#25 AR-1248-5

R.T.: 5.897 min
Delta R.T.: -0.019 min
Response: 152218856
Conc: 392.68 ng/ml



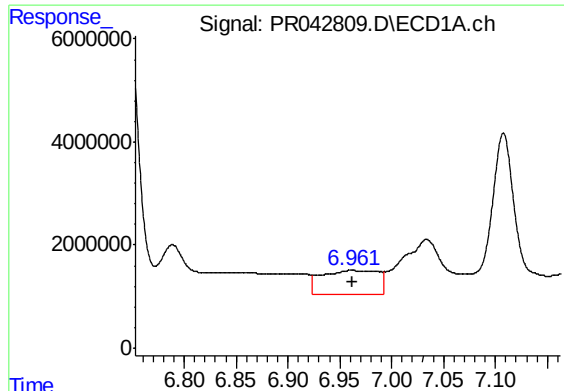
#26 AR-1254-1

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 78839587
Conc: 422.36 ng/ml



#26 AR-1254-1

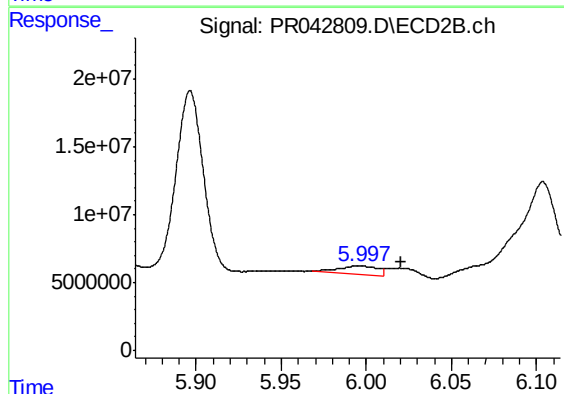
R.T.: 5.853 min
Delta R.T.: -0.021 min
Response: 22065763
Conc: 35.02 ng/ml



#27 AR-1254-2

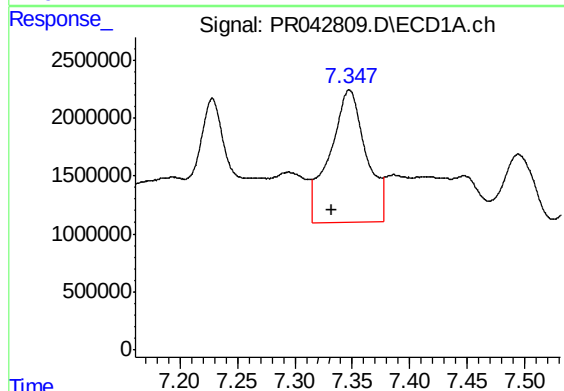
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 17618150
Conc: 60.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



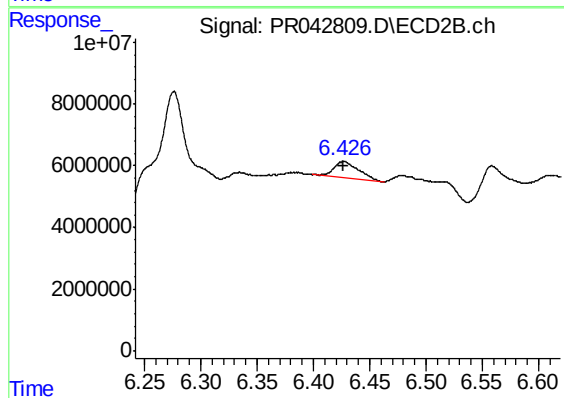
#27 AR-1254-2

R.T.: 5.996 min
Delta R.T.: -0.024 min
Response: 9756871
Conc: 16.70 ng/ml



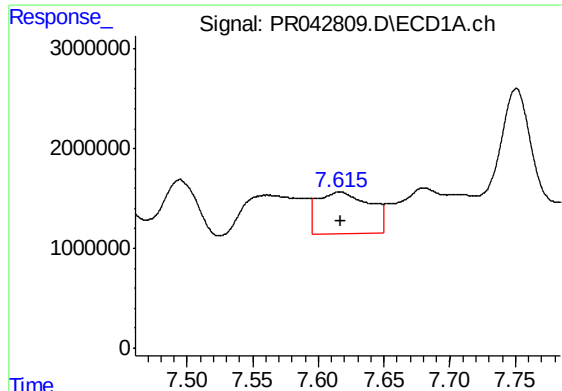
#28 AR-1254-3

R.T.: 7.347 min
Delta R.T.: 0.015 min
Response: 25086561
Conc: 79.66 ng/ml



#28 AR-1254-3

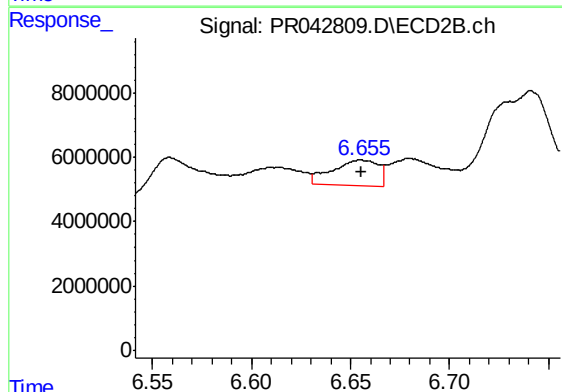
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 8388617
Conc: 8.15 ng/ml



#29 AR-1254-4

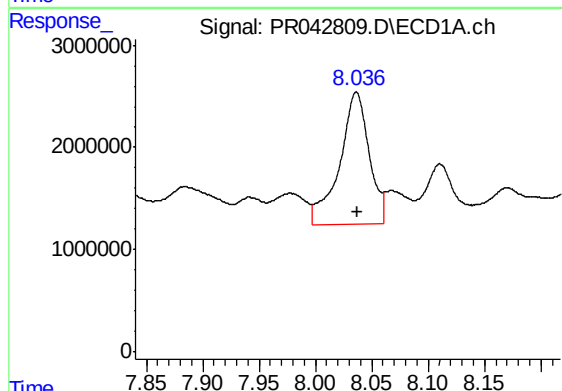
R.T.: 7.616 min
Delta R.T.: -0.001 min
Response: 11426149
Conc: 48.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



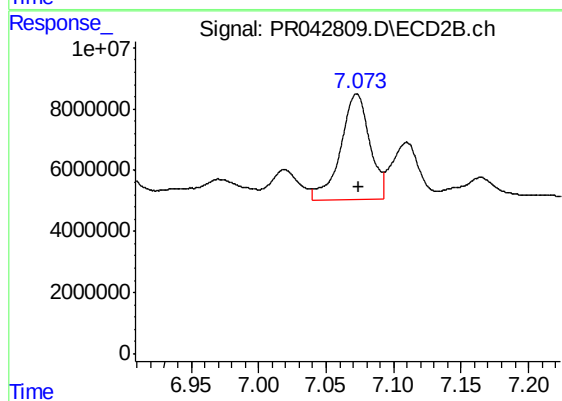
#29 AR-1254-4

R.T.: 6.655 min
Delta R.T.: 0.000 min
Response: 12787286
Conc: 16.77 ng/ml



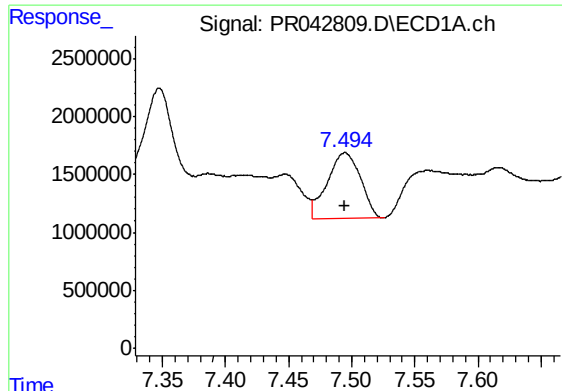
#30 AR-1254-5

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 23561324
Conc: 93.71 ng/ml



#30 AR-1254-5

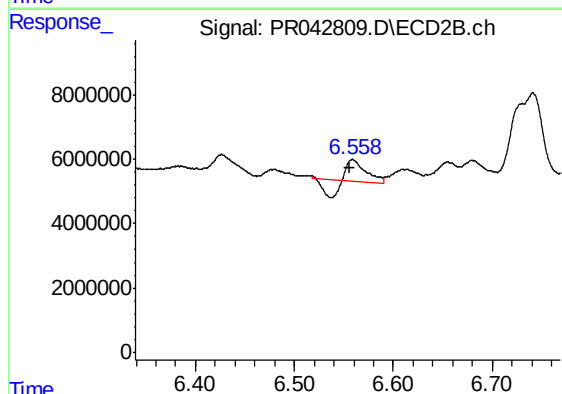
R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 52069178
Conc: 56.49 ng/ml



#31 AR-1260-1

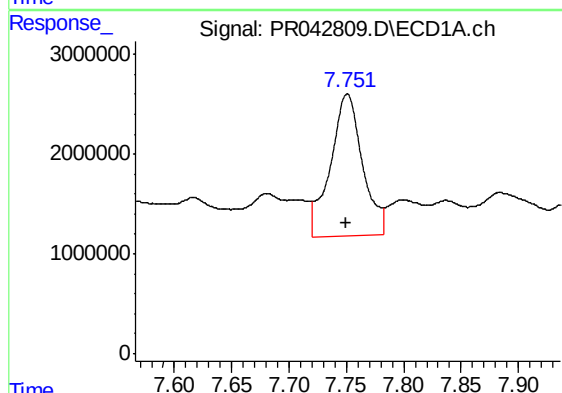
R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 10361298
Conc: 49.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



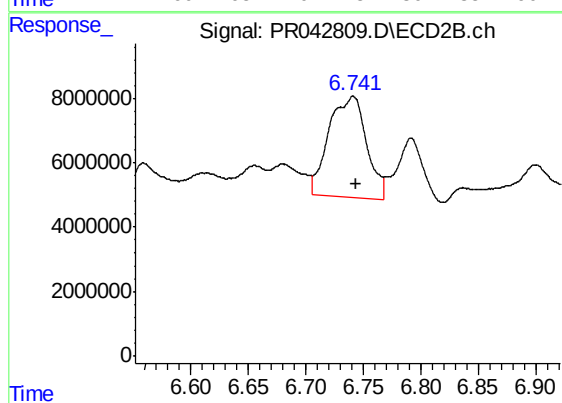
#31 AR-1260-1

R.T.: 6.559 min
Delta R.T.: 0.002 min
Response: 3783743
Conc: 6.24 ng/ml



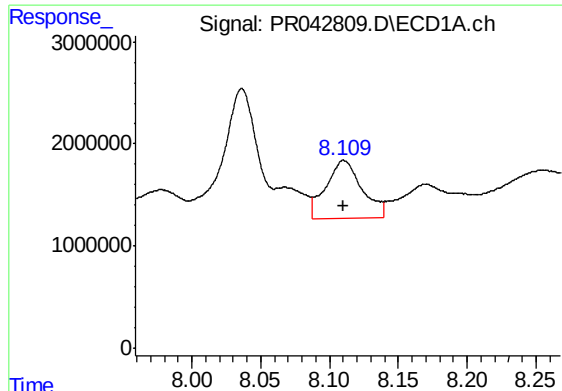
#32 AR-1260-2

R.T.: 7.751 min
Delta R.T.: 0.001 min
Response: 27668980
Conc: 113.17 ng/ml



#32 AR-1260-2

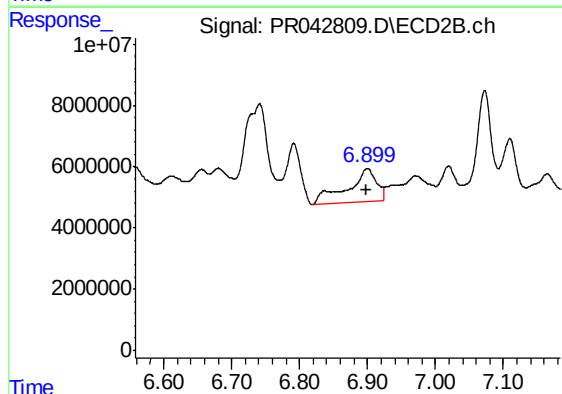
R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 71225093
Conc: 82.37 ng/ml



#33 AR-1260-3

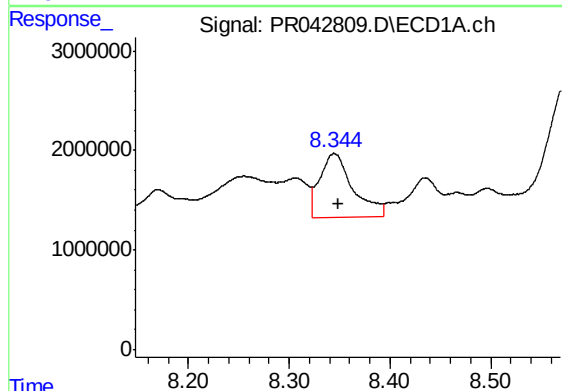
R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 10451381
Conc: 57.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



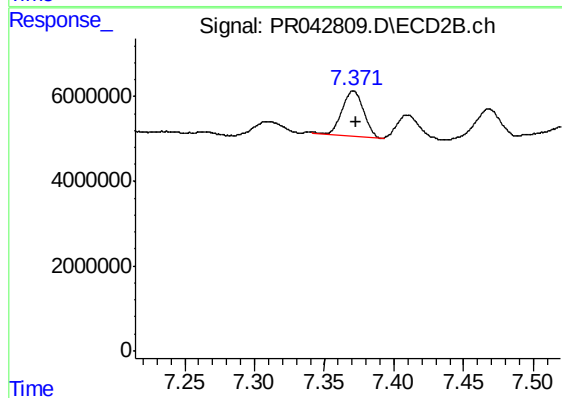
#33 AR-1260-3

R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 33083978
Conc: 46.58 ng/ml



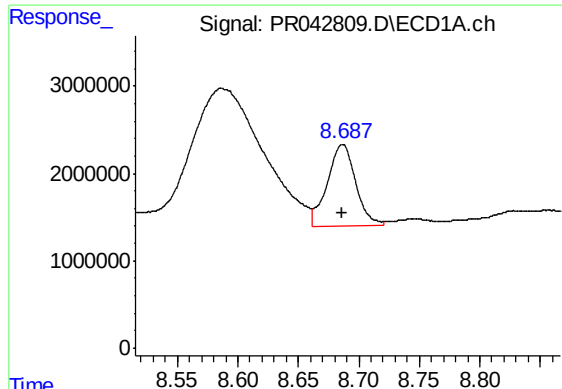
#34 AR-1260-4

R.T.: 8.344 min
Delta R.T.: -0.005 min
Response: 14730012
Conc: 70.58 ng/ml



#34 AR-1260-4

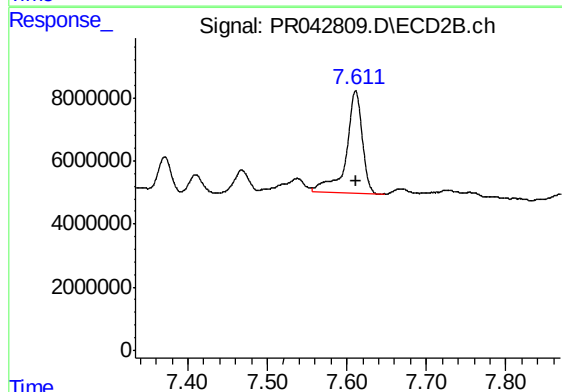
R.T.: 7.371 min
Delta R.T.: -0.002 min
Response: 11545932
Conc: 19.78 ng/ml



#35 AR-1260-5

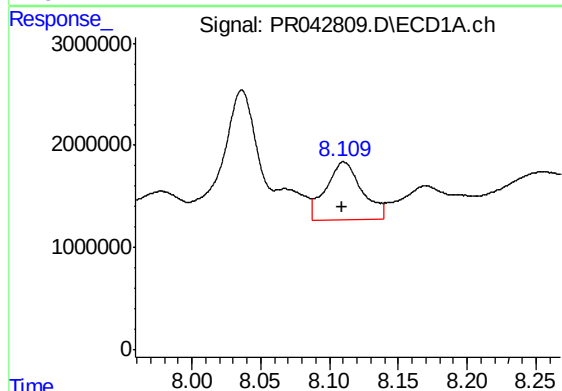
R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 14962723
Conc: 36.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



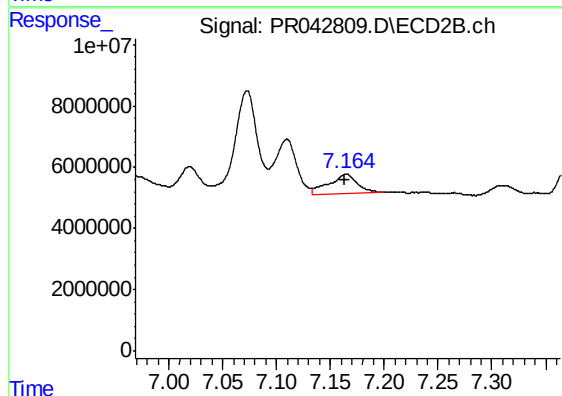
#35 AR-1260-5

R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 45991845
Conc: 28.51 ng/ml



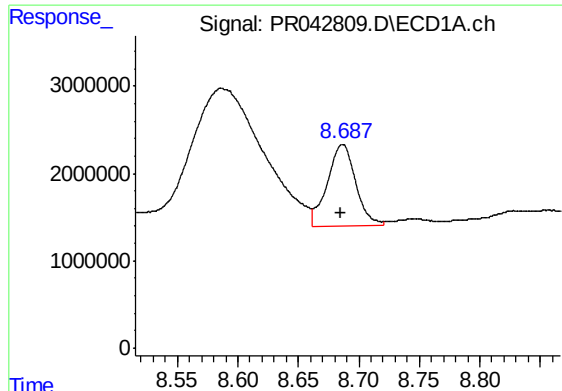
#36 AR-1262-1

R.T.: 8.110 min
Delta R.T.: 0.001 min
Response: 10451381
Conc: 35.42 ng/ml



#36 AR-1262-1

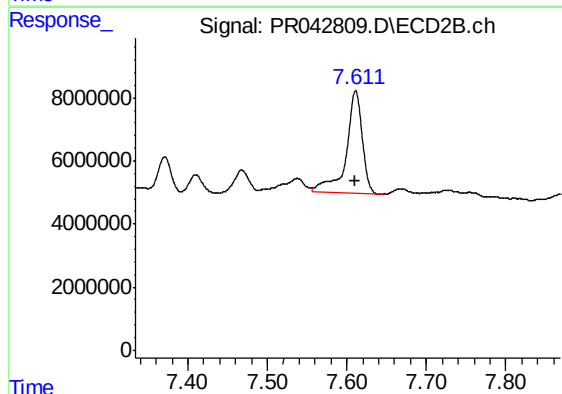
R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 11310975
Conc: 26.03 ng/ml



#37 AR-1262-2

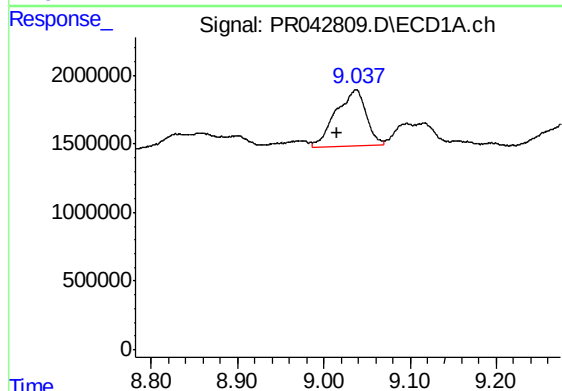
R.T.: 8.687 min
Delta R.T.: 0.002 min
Response: 14962723
Conc: 26.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



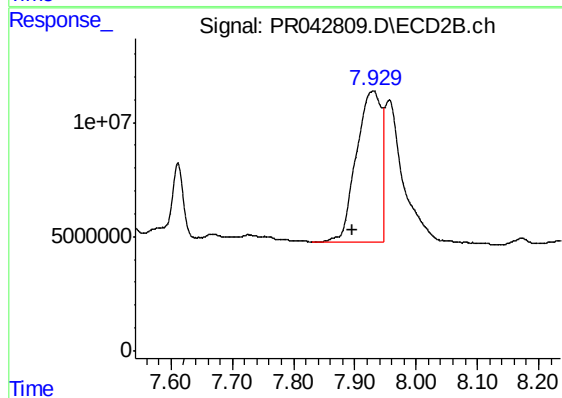
#37 AR-1262-2

R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 45991845
Conc: 22.01 ng/ml



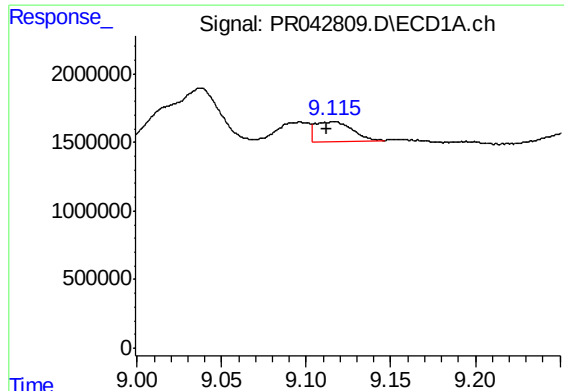
#38 AR-1262-3

R.T.: 9.038 min
Delta R.T.: 0.022 min
Response: 9860154
Conc: 27.59 ng/ml



#38 AR-1262-3

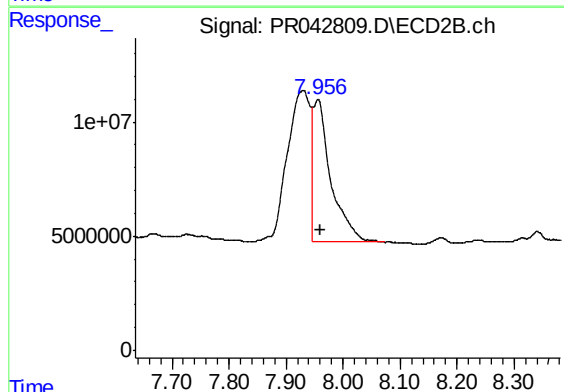
R.T.: 7.930 min
Delta R.T.: 0.034 min
Response: 186001952
Conc: 221.78 ng/ml



#39 AR-1262-4

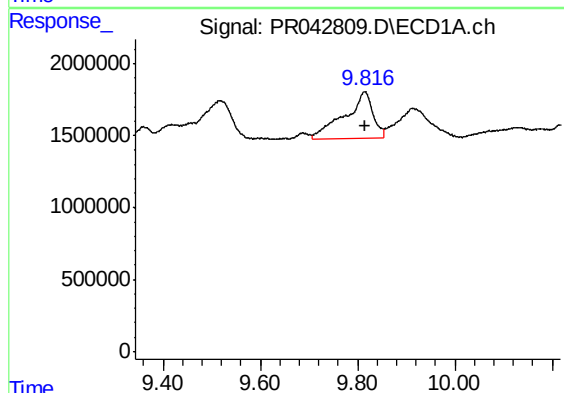
R.T.: 9.116 min
Delta R.T.: 0.004 min
Response: 2132930
Conc: 15.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



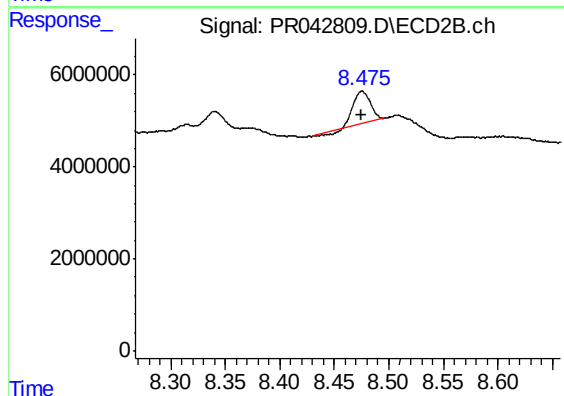
#39 AR-1262-4

R.T.: 7.956 min
Delta R.T.: -0.004 min
Response: 135634534
Conc: 96.15 ng/ml



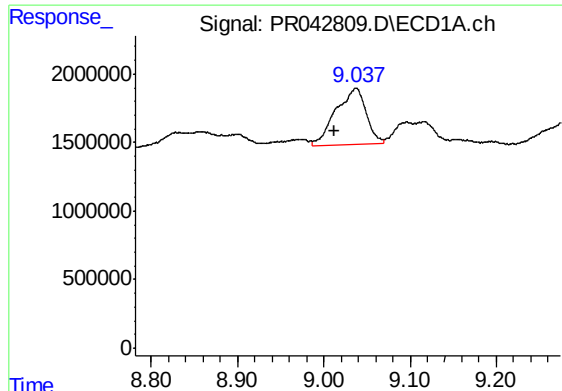
#40 AR-1262-5

R.T.: 9.815 min
Delta R.T.: 0.000 min
Response: 13106921
Conc: 71.56 ng/ml



#40 AR-1262-5

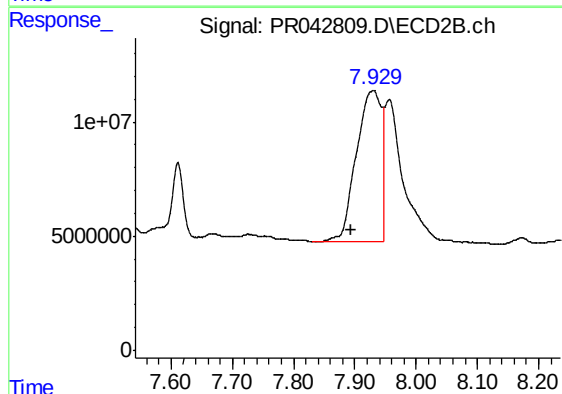
R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 7375140
Conc: 11.33 ng/ml



#41 AR-1268-1

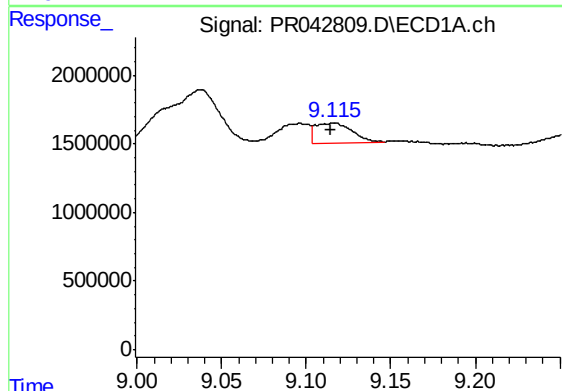
R.T.: 9.038 min
Delta R.T.: 0.025 min
Response: 9860154
Conc: 15.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



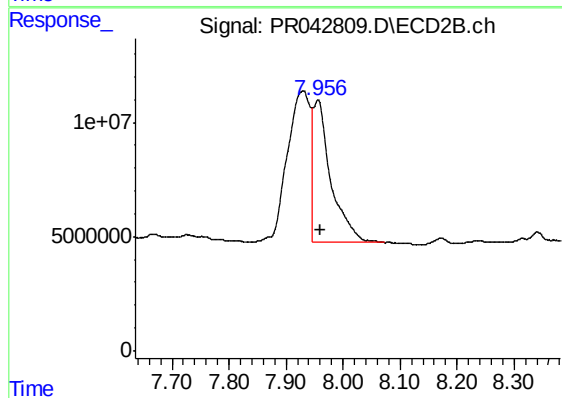
#41 AR-1268-1

R.T.: 7.930 min
Delta R.T.: 0.035 min
Response: 186001952
Conc: 76.60 ng/ml



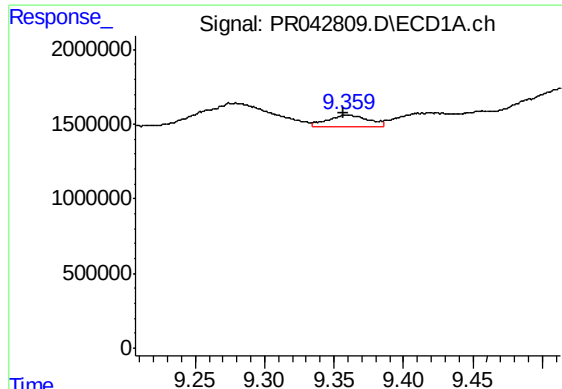
#42 AR-1268-2

R.T.: 9.116 min
Delta R.T.: 0.002 min
Response: 2132930
Conc: 3.71 ng/ml



#42 AR-1268-2

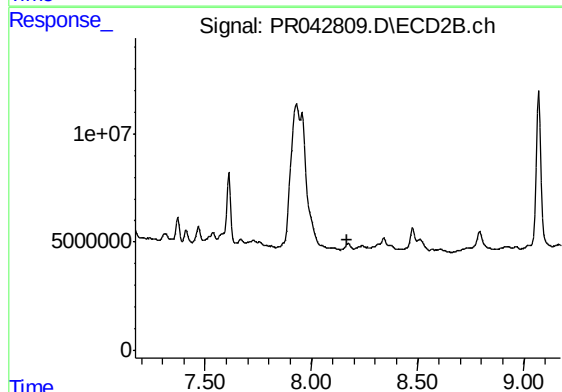
R.T.: 7.956 min
Delta R.T.: -0.004 min
Response: 135634534
Conc: 63.13 ng/ml



#43 AR-1268-3

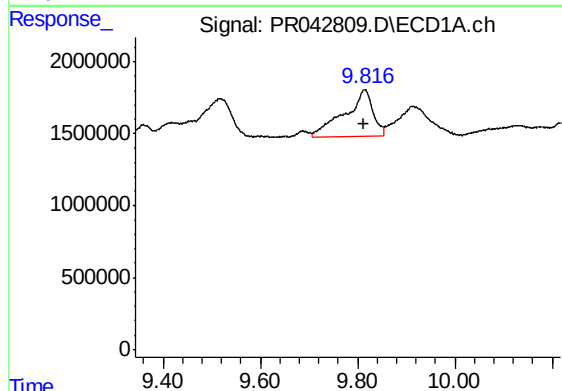
R.T.: 9.359 min
Delta R.T.: 0.003 min
Response: 1568267
Conc: 3.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



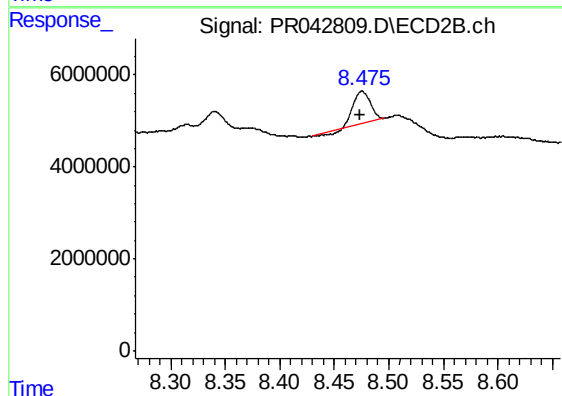
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.172 min
Response: 0
Conc: N.D.



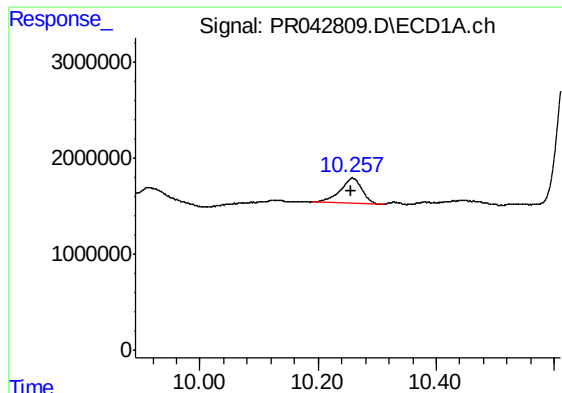
#44 AR-1268-4

R.T.: 9.815 min
Delta R.T.: 0.002 min
Response: 13106921
Conc: 63.87 ng/ml



#44 AR-1268-4

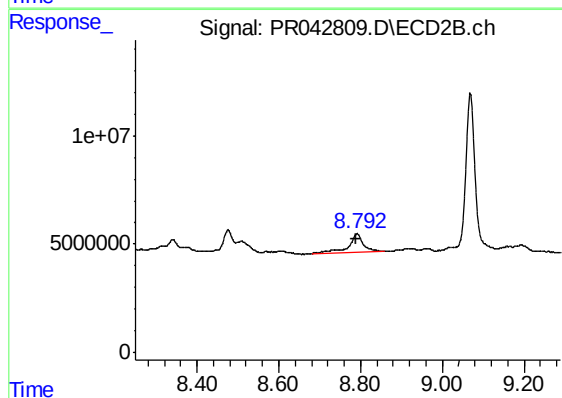
R.T.: 8.476 min
Delta R.T.: 0.002 min
Response: 7375140
Conc: 10.17 ng/ml



#45 AR-1268-5

R.T.: 10.258 min
Delta R.T.: 0.001 min
Response: 6959160
Conc: 4.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



#45 AR-1268-5

R.T.: 8.792 min
Delta R.T.: 0.003 min
Response: 20657651
Conc: 4.01 ng/ml