

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011321\
 Data File : PR049311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jan 2021 18:50
 Operator : AJ\MA
 Sample : M1104-05 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 09:58:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 13 16:16:45 2021
 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...	4.668	3.855	8114283	10054806	3.416	3.719
2)	SA Decachlor...	10.549	8.907	20638702	59263256	8.233	7.157
Target Compounds							
3)	L1 AR-1016-1	5.822f	0.000	1168076	0	12.431	N.D. #
4)	L1 AR-1016-2	0.000	4.980f	0	1569025	N.D.	12.475 #
6)	L1 AR-1016-4	6.042	5.174	334226	1019810	5.055	32.128 #
7)	L1 AR-1016-5	6.323	5.389	594643	845063	9.257	16.516 #
8)	L2 AR-1221-1	4.886	4.055	349673	1230353	12.153	47.406 #
9)	L2 AR-1221-2	0.000	4.141	0	3746827	N.D.	153.733 #
10)	L2 AR-1221-3	5.058f	4.226	215431	1681327	3.207	23.124 #
11)	L3 AR-1232-1	5.058f	4.226	215431	1681327	4.154	29.645 #
12)	L3 AR-1232-2	0.000	4.980f	0	1569025	N.D.	28.921 #
14)	L3 AR-1232-4	6.042	5.219	334226	206269	11.867	12.627
15)	L3 AR-1232-5	6.114	5.389	1168255	845063	53.438	42.341
16)	L4 AR-1242-1	5.822f	0.000	1168076	0	16.066	N.D. #
17)	L4 AR-1242-2	0.000	4.980f	0	1569025	N.D.	15.687 #
19)	L4 AR-1242-4	6.042	5.219	334226	206269	6.459	6.034
20)	L4 AR-1242-5	6.767	5.740	1102051	5183506	19.217	87.467 #
21)	L5 AR-1248-1	5.822f	0.000	1168076	0	21.788	N.D. #
22)	L5 AR-1248-2	6.114	5.174	1168255	1019810	15.825	24.942 #
23)	L5 AR-1248-3	6.323	5.219	594643	206269	7.339	4.181 #
24)	L5 AR-1248-4	6.727	5.389	2188535	845063	21.879	13.225 #
25)	L5 AR-1248-5	6.767	5.777	1102051	1457019	11.011	14.963 #
26)	L6 AR-1254-1	6.699	5.740	3907451	5183506	40.563	52.134 #
27)	L6 AR-1254-2	6.915	5.887	8150089	6655232	55.571	61.633
28)	L6 AR-1254-3	7.286	6.292	9275729	13161823	61.762	62.308
29)	L6 AR-1254-4	7.571	6.519	7213906	18389330	59.315	54.431
30)	L6 AR-1254-5	7.990	6.937	13063108	25653776	107.069	63.983 #
31)	L7 AR-1260-1	7.447	6.421	5045514	6324684	44.474	52.310
32)	L7 AR-1260-2	7.703	6.609	6782422	19011040	47.869	40.207
33)	L7 AR-1260-3	8.063	6.763	13427691	9992816	122.747	36.713 #
34)	L7 AR-1260-4	8.317f	7.233	20578361	74906500	172.513	229.855 #
35)	L7 AR-1260-5	8.635	7.478	7951903	36041774	32.333	29.213
36)	L8 AR-1262-1	8.063	6.937	13427691	25653776	86.467	113.820 #
37)	L8 AR-1262-2	8.635	7.478	7951903	36041774	28.498	24.855
38)	L8 AR-1262-3	8.961	7.763	61343426	280.0E6	315.589	503.154 #
39)	L8 AR-1262-4	9.061	7.829	47264433	198.7E6	534.926	212.130 #
40)	L8 AR-1262-5	9.752	8.336	15912215	60293814	144.432	144.033
41)	L9 AR-1268-1	8.961	7.763	61343426	280.0E6	182.110	161.152
42)	L9 AR-1268-2	9.061	7.829	47264433	198.7E6	148.731	136.997
43)	L9 AR-1268-3	9.301	8.036	43492522	177.5E6	157.944	137.535
44)	L9 AR-1268-4	9.752	8.336	15912215	60293814	130.841	122.028

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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
45) L9	AR-1268-5	10.191	8.641	131.0E6	466.7E6	139.925	122.850

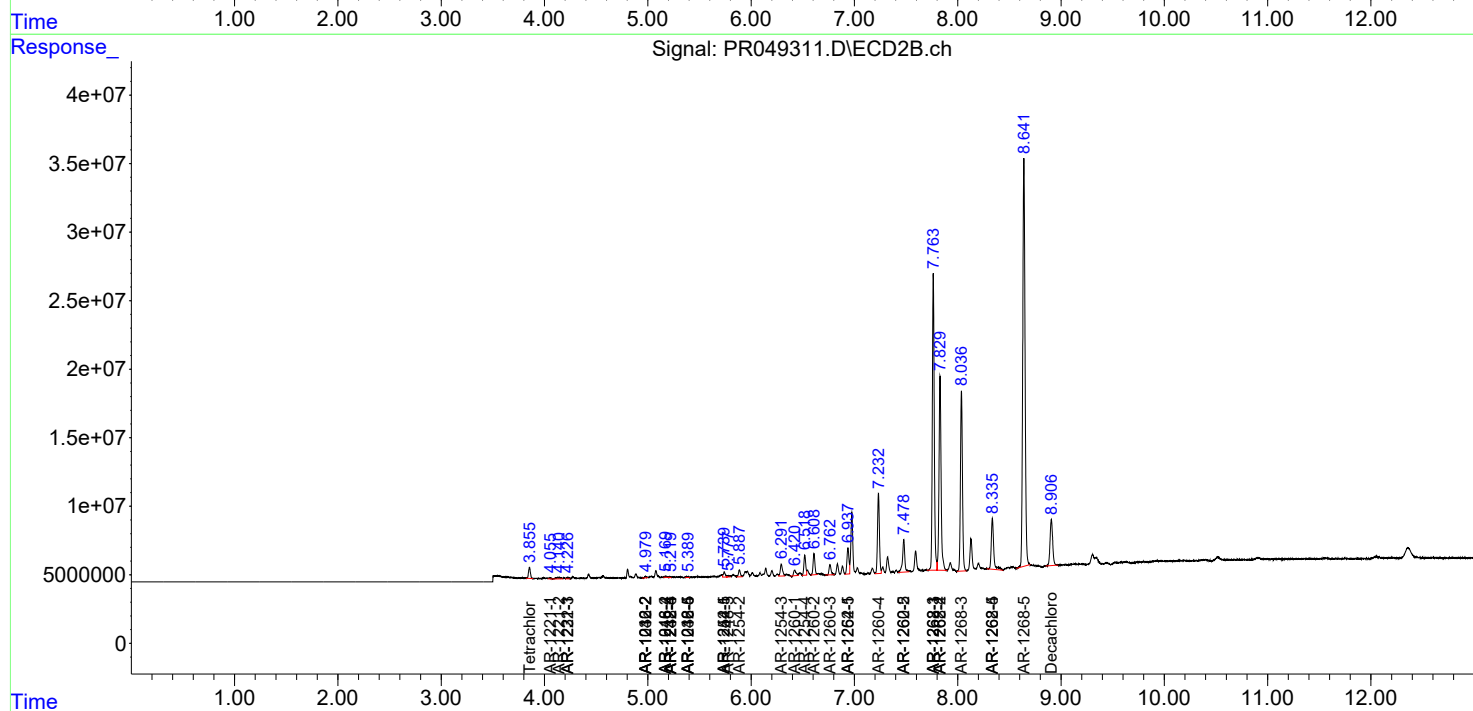
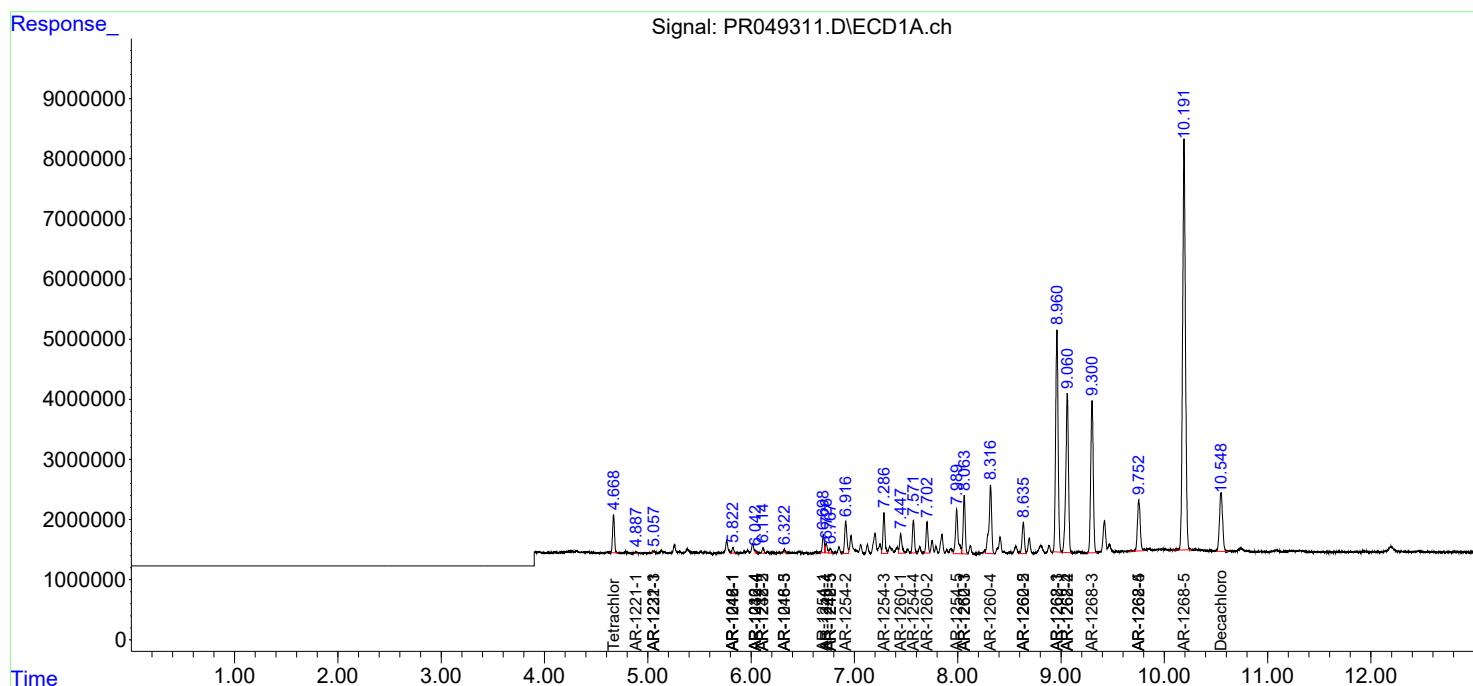
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

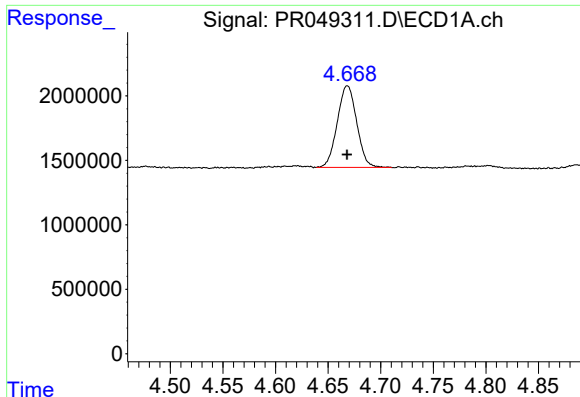
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011321\
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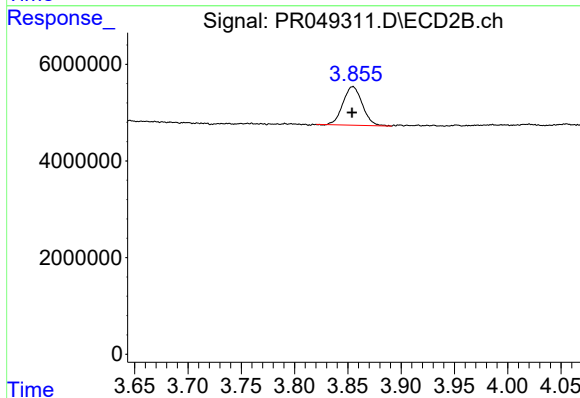




#1 Tetrachloro-m-xylene

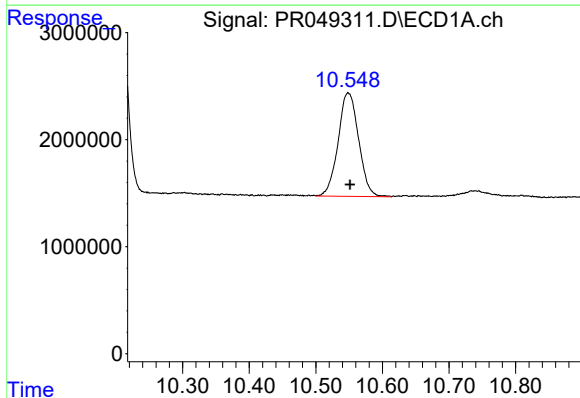
R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 8114283
Conc: 3.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



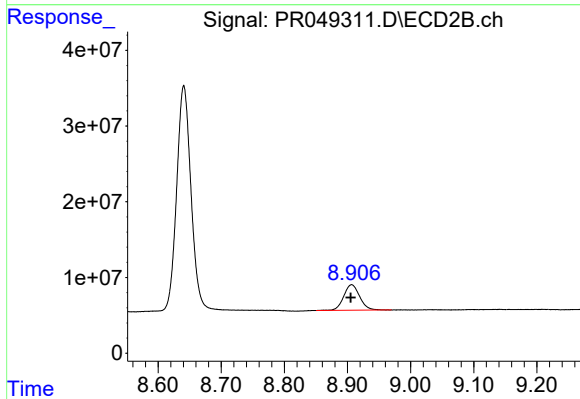
#1 Tetrachloro-m-xylene

R.T.: 3.855 min
Delta R.T.: 0.000 min
Response: 10054806
Conc: 3.72 ng/ml



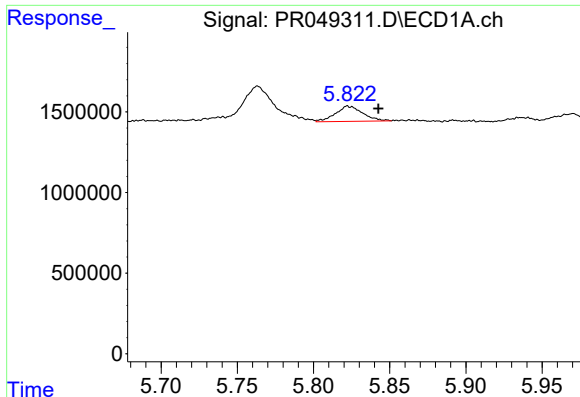
#2 Decachlorobiphenyl

R.T.: 10.549 min
Delta R.T.: -0.003 min
Response: 20638702
Conc: 8.23 ng/ml



#2 Decachlorobiphenyl

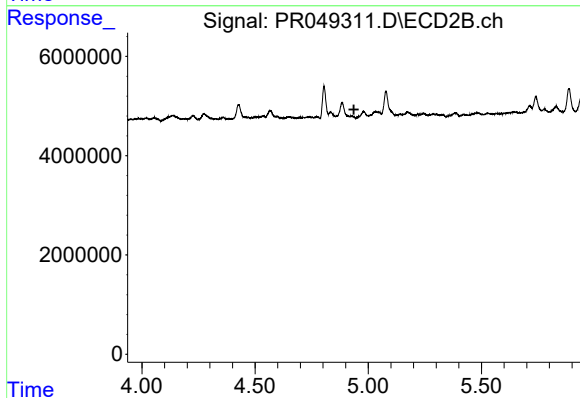
R.T.: 8.907 min
Delta R.T.: 0.001 min
Response: 59263256
Conc: 7.16 ng/ml



#3 AR-1016-1

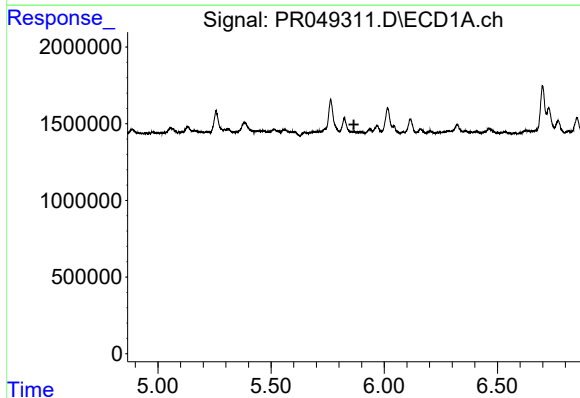
R.T.: 5.822 min
Delta R.T.: -0.020 min
Response: 1168076
Conc: 12.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



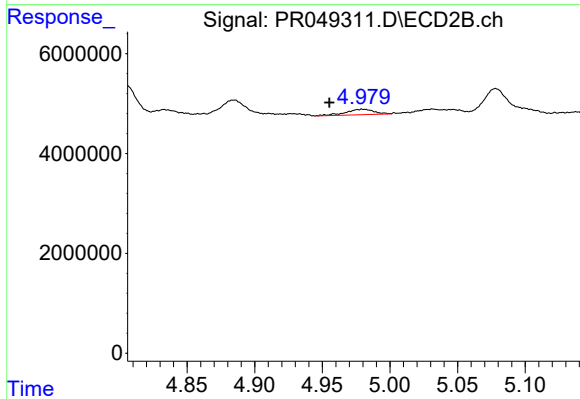
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.937 min
Response: 0
Conc: N.D.



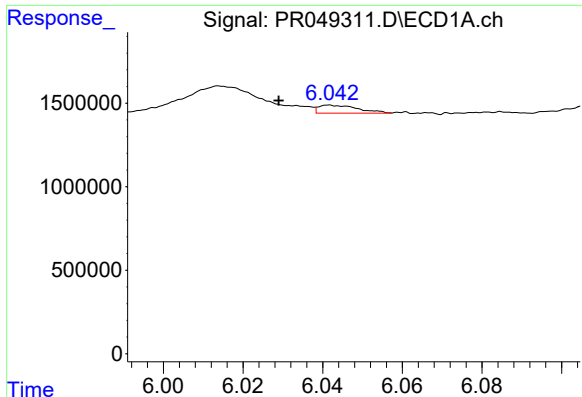
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.866 min
Response: 0
Conc: N.D.



#4 AR-1016-2

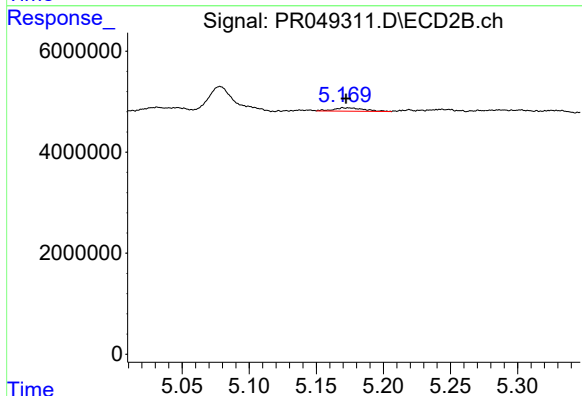
R.T.: 4.980 min
Delta R.T.: 0.025 min
Response: 1569025
Conc: 12.48 ng/ml



#6 AR-1016-4

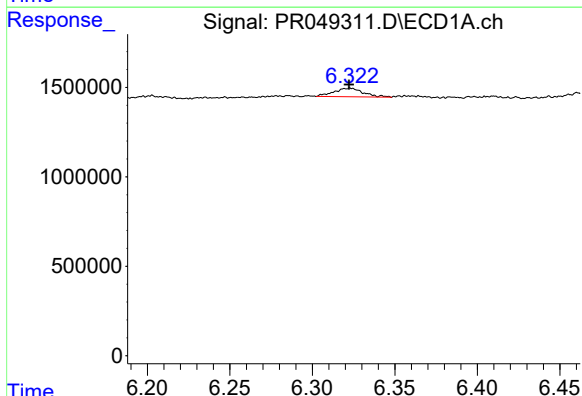
R.T.: 6.042 min
Delta R.T.: 0.013 min
Response: 334226
Conc: 5.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



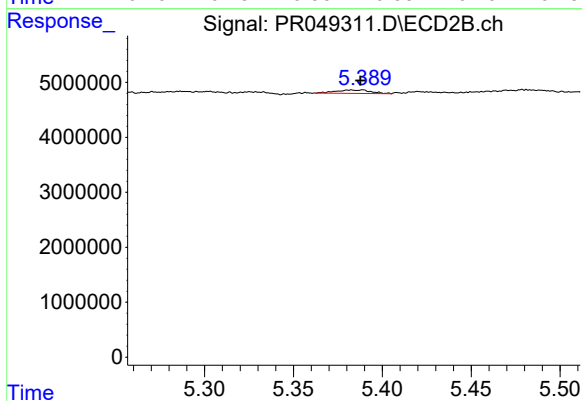
#6 AR-1016-4

R.T.: 5.174 min
Delta R.T.: 0.002 min
Response: 1019810
Conc: 32.13 ng/ml



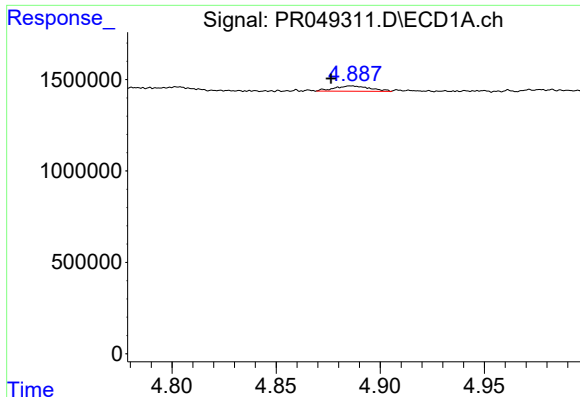
#7 AR-1016-5

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 594643
Conc: 9.26 ng/ml



#7 AR-1016-5

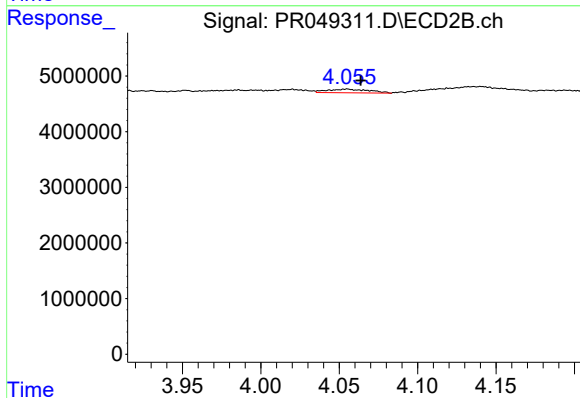
R.T.: 5.389 min
Delta R.T.: 0.001 min
Response: 845063
Conc: 16.52 ng/ml



#8 AR-1221-1

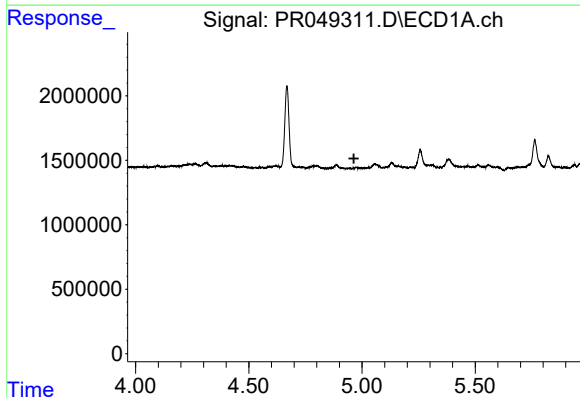
R.T.: 4.886 min
Delta R.T.: 0.010 min
Response: 349673
Conc: 12.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



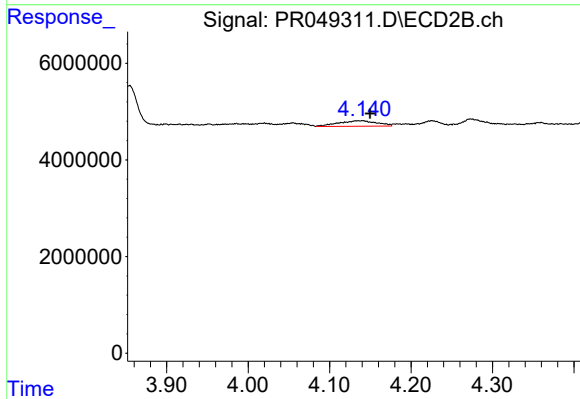
#8 AR-1221-1

R.T.: 4.055 min
Delta R.T.: -0.009 min
Response: 1230353
Conc: 47.41 ng/ml



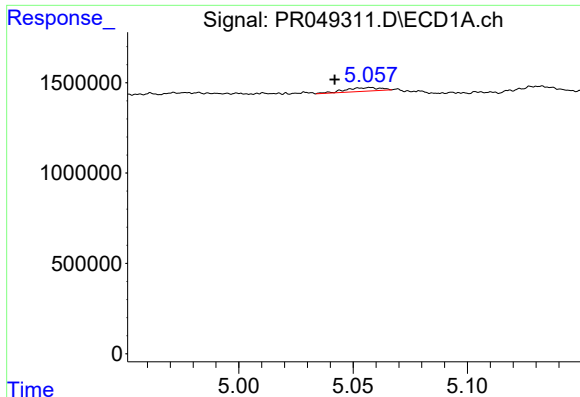
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.964 min
Response: 0
Conc: N.D.



#9 AR-1221-2

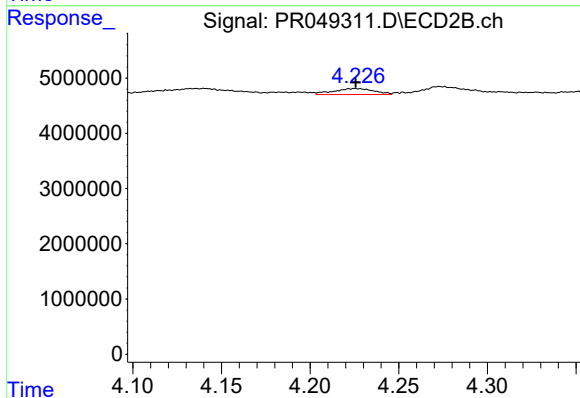
R.T.: 4.141 min
Delta R.T.: -0.009 min
Response: 3746827
Conc: 153.73 ng/ml



#10 AR-1221-3

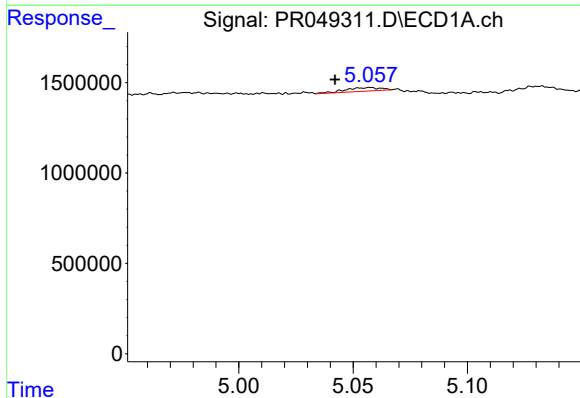
R.T.: 5.058 min
Delta R.T.: 0.016 min
Response: 215431
Conc: 3.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



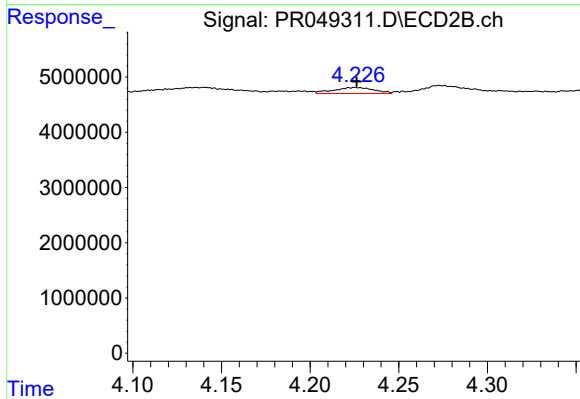
#10 AR-1221-3

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 1681327
Conc: 23.12 ng/ml



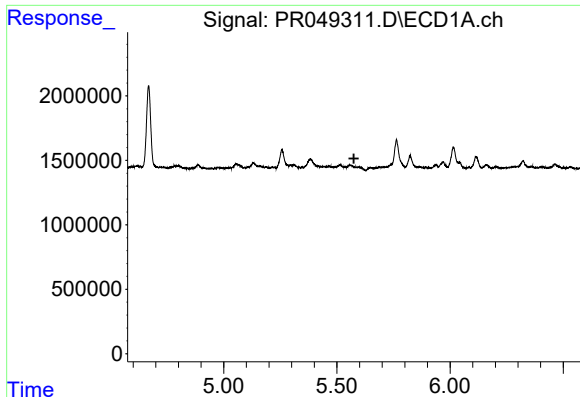
#11 AR-1232-1

R.T.: 5.058 min
Delta R.T.: 0.016 min
Response: 215431
Conc: 4.15 ng/ml



#11 AR-1232-1

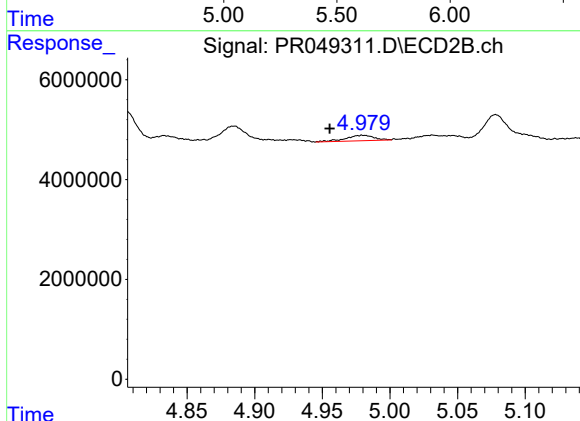
R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 1681327
Conc: 29.64 ng/ml



#12 AR-1232-2

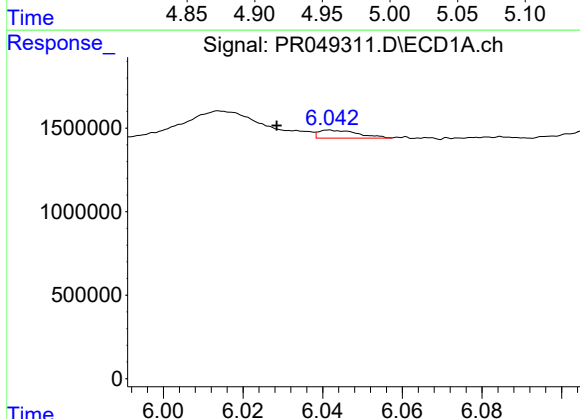
R.T.: 0.000 min
Exp R.T.: 5.575 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



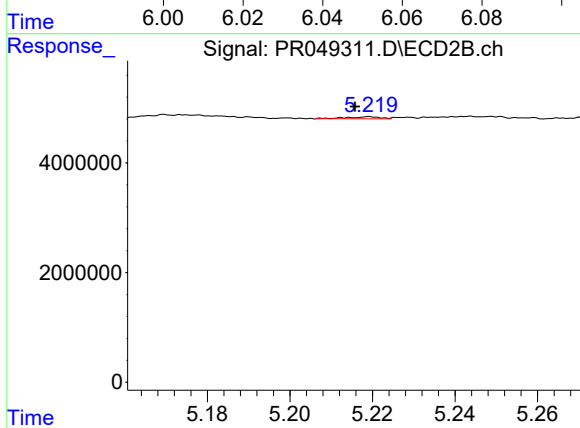
#12 AR-1232-2

R.T.: 4.980 min
Delta R.T.: 0.024 min
Response: 1569025
Conc: 28.92 ng/ml



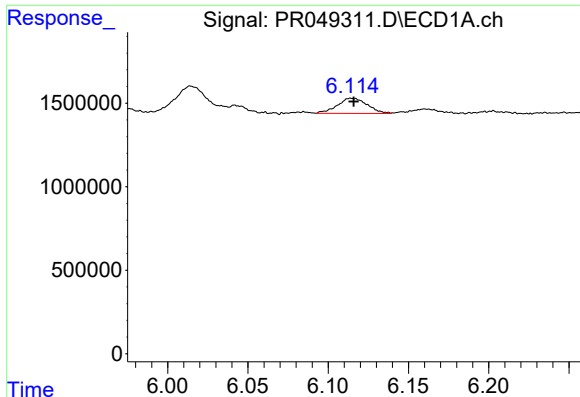
#14 AR-1232-4

R.T.: 6.042 min
Delta R.T.: 0.013 min
Response: 334226
Conc: 11.87 ng/ml



#14 AR-1232-4

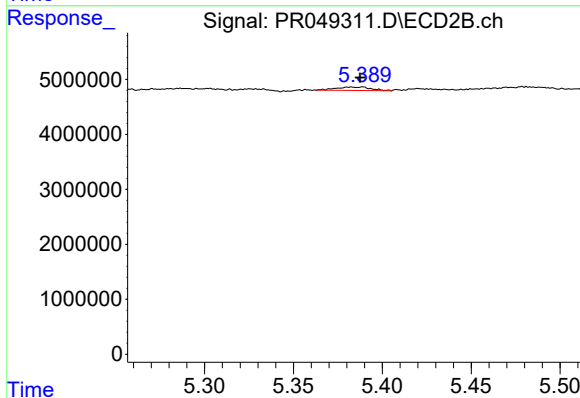
R.T.: 5.219 min
Delta R.T.: 0.004 min
Response: 206269
Conc: 12.63 ng/ml



#15 AR-1232-5

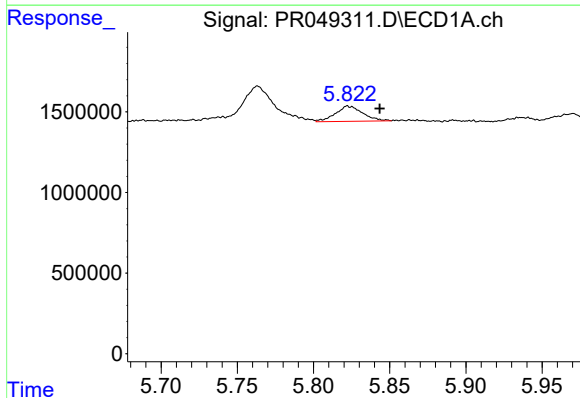
R.T.: 6.114 min
Delta R.T.: -0.002 min
Response: 1168255
Conc: 53.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



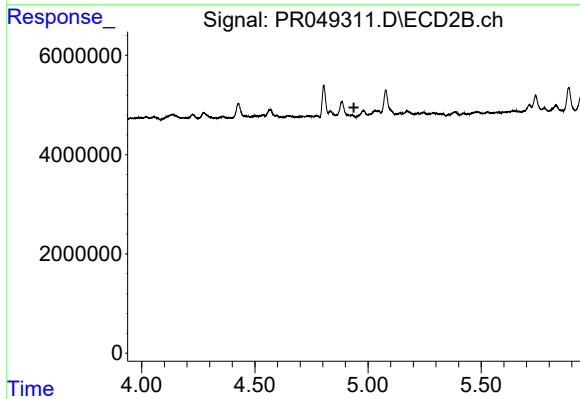
#15 AR-1232-5

R.T.: 5.389 min
Delta R.T.: 0.001 min
Response: 845063
Conc: 42.34 ng/ml



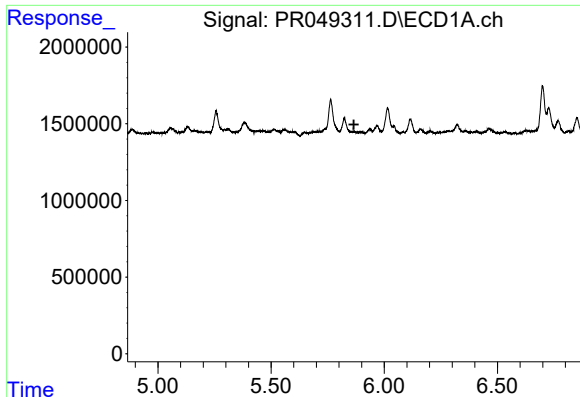
#16 AR-1242-1

R.T.: 5.822 min
Delta R.T.: -0.021 min
Response: 1168076
Conc: 16.07 ng/ml



#16 AR-1242-1

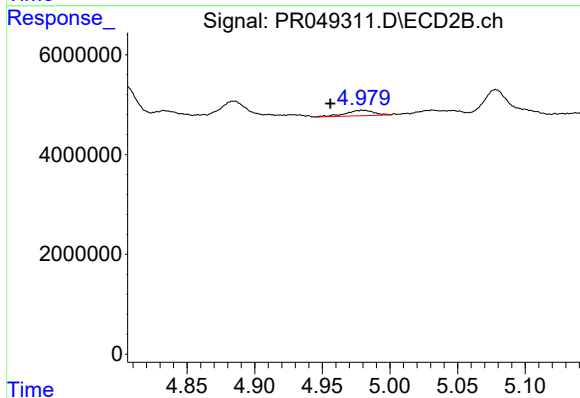
R.T.: 0.000 min
Exp R.T.: 4.937 min
Response: 0
Conc: N.D.



#17 AR-1242-2

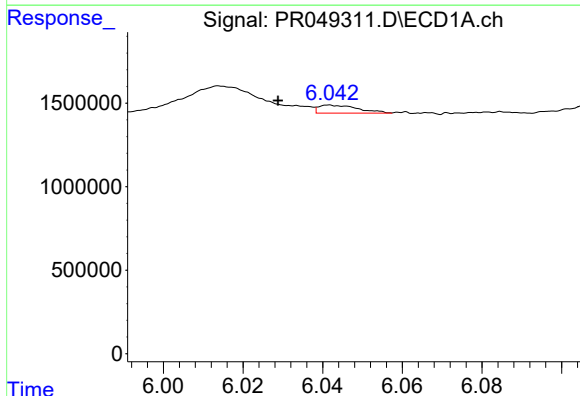
R.T.: 0.000 min
Exp R.T.: 5.866 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



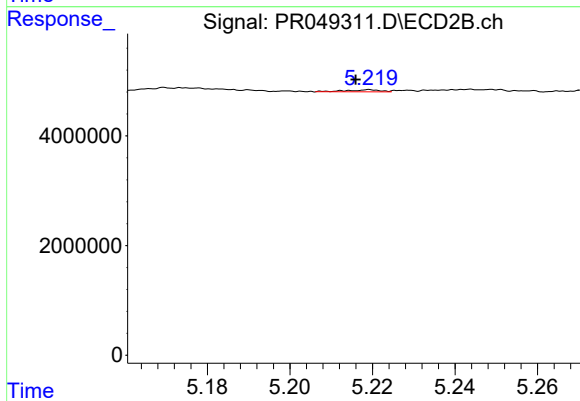
#17 AR-1242-2

R.T.: 4.980 min
Delta R.T.: 0.024 min
Response: 1569025
Conc: 15.69 ng/ml



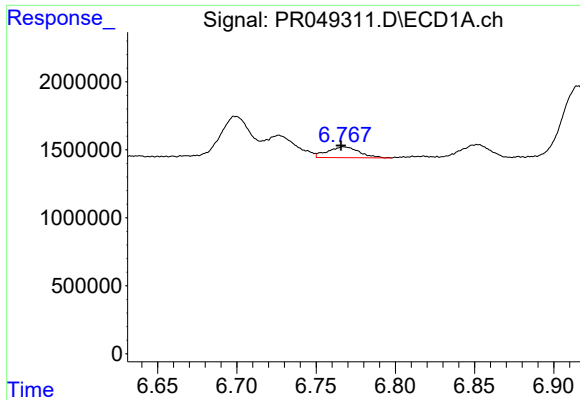
#19 AR-1242-4

R.T.: 6.042 min
Delta R.T.: 0.013 min
Response: 334226
Conc: 6.46 ng/ml



#19 AR-1242-4

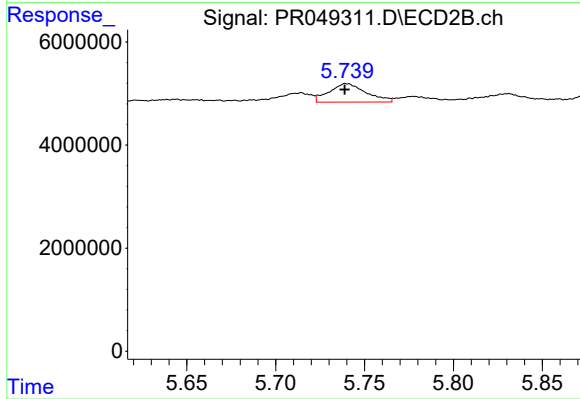
R.T.: 5.219 min
Delta R.T.: 0.003 min
Response: 206269
Conc: 6.03 ng/ml



#20 AR-1242-5

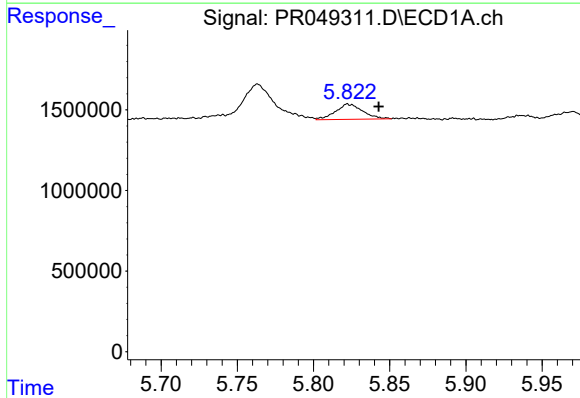
R.T.: 6.767 min
Delta R.T.: 0.002 min
Response: 1102051
Conc: 19.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



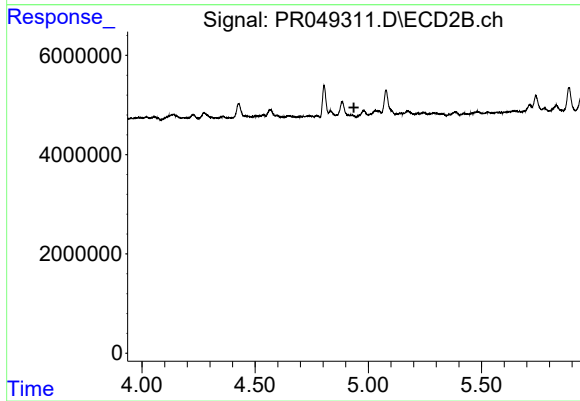
#20 AR-1242-5

R.T.: 5.740 min
Delta R.T.: 0.001 min
Response: 5183506
Conc: 87.47 ng/ml



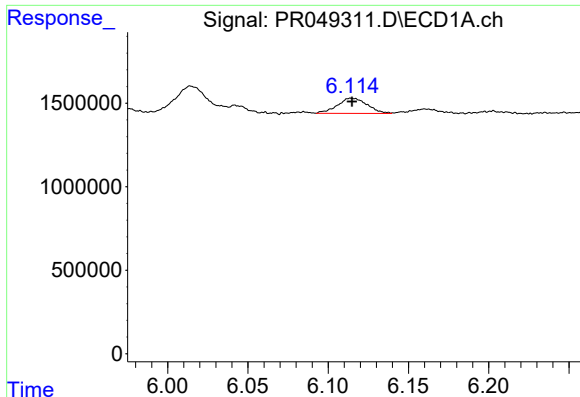
#21 AR-1248-1

R.T.: 5.822 min
Delta R.T.: -0.021 min
Response: 1168076
Conc: 21.79 ng/ml



#21 AR-1248-1

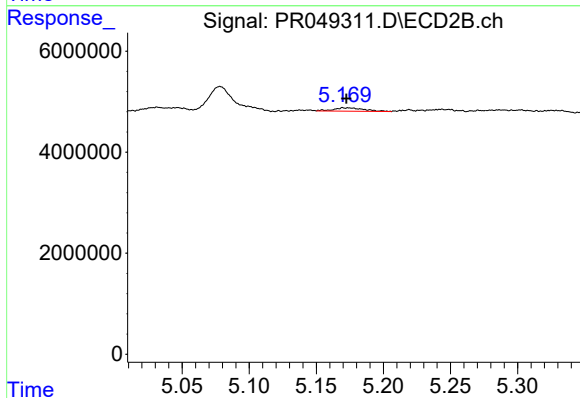
R.T.: 0.000 min
Exp R.T.: 4.936 min
Response: 0
Conc: N.D.



#22 AR-1248-2

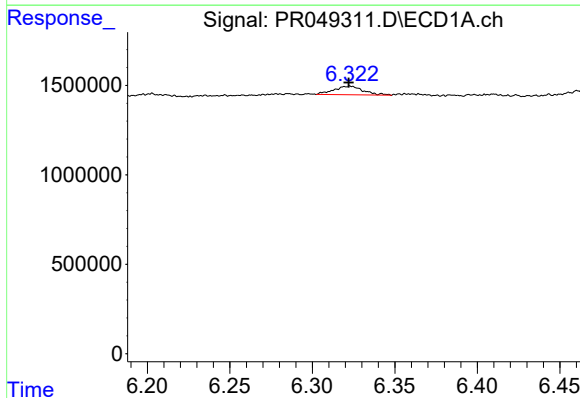
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 1168255
Conc: 15.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



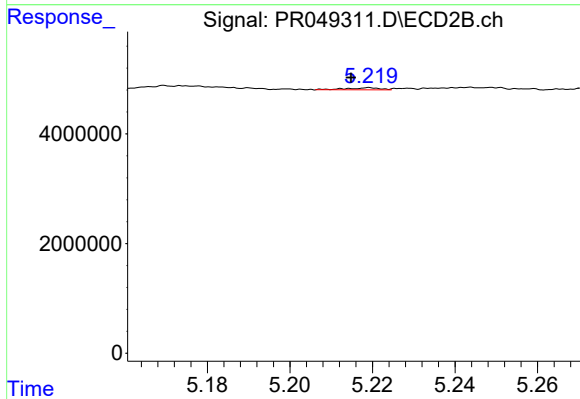
#22 AR-1248-2

R.T.: 5.174 min
Delta R.T.: 0.001 min
Response: 1019810
Conc: 24.94 ng/ml



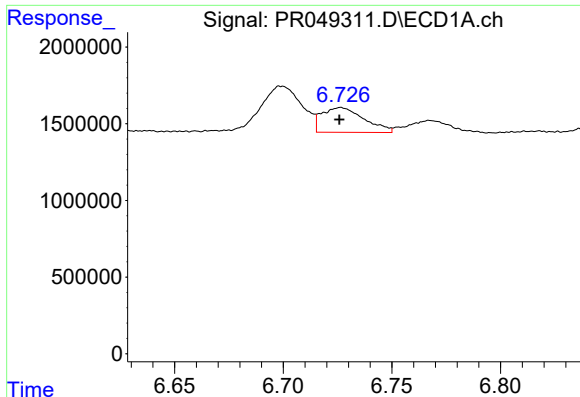
#23 AR-1248-3

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 594643
Conc: 7.34 ng/ml



#23 AR-1248-3

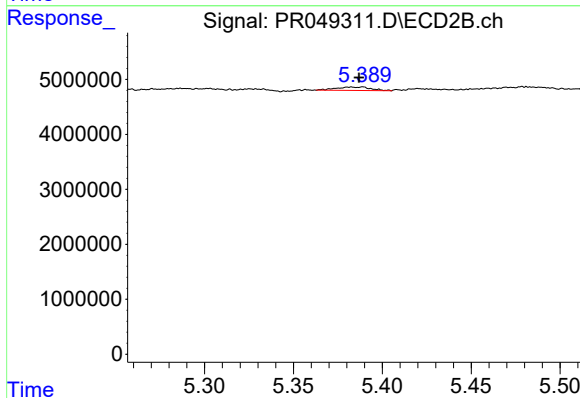
R.T.: 5.219 min
Delta R.T.: 0.005 min
Response: 206269
Conc: 4.18 ng/ml



#24 AR-1248-4

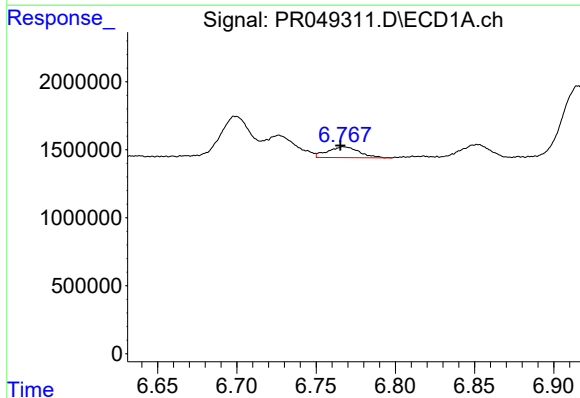
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 2188535
Conc: 21.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



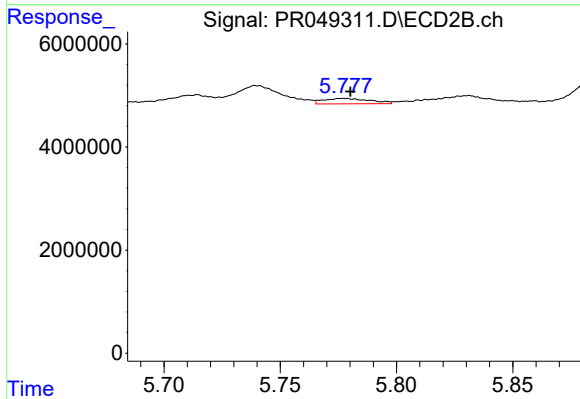
#24 AR-1248-4

R.T.: 5.389 min
Delta R.T.: 0.002 min
Response: 845063
Conc: 13.22 ng/ml



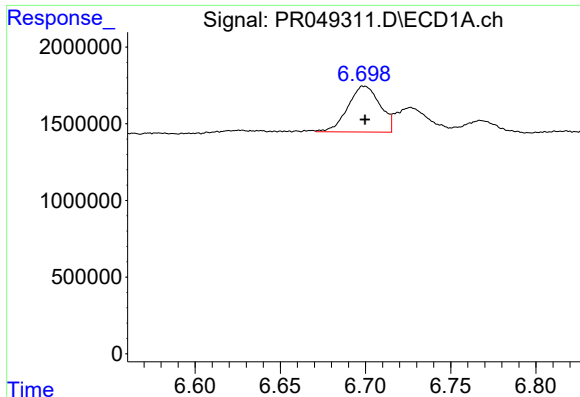
#25 AR-1248-5

R.T.: 6.767 min
Delta R.T.: 0.002 min
Response: 1102051
Conc: 11.01 ng/ml



#25 AR-1248-5

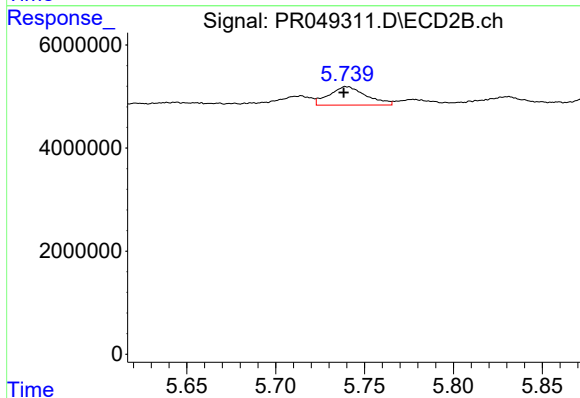
R.T.: 5.777 min
Delta R.T.: -0.003 min
Response: 1457019
Conc: 14.96 ng/ml



#26 AR-1254-1

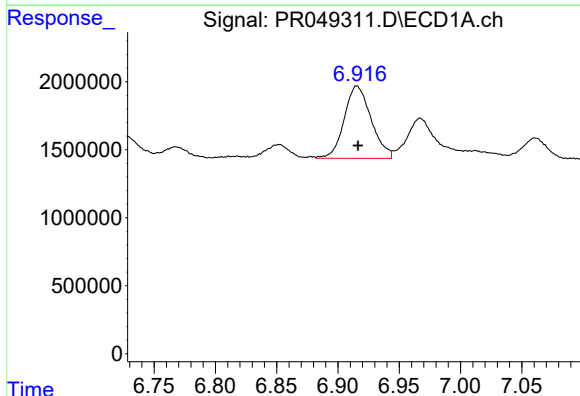
R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 3907451
Conc: 40.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



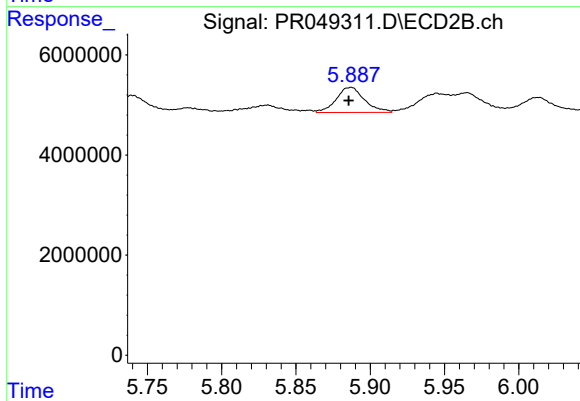
#26 AR-1254-1

R.T.: 5.740 min
Delta R.T.: 0.002 min
Response: 5183506
Conc: 52.13 ng/ml



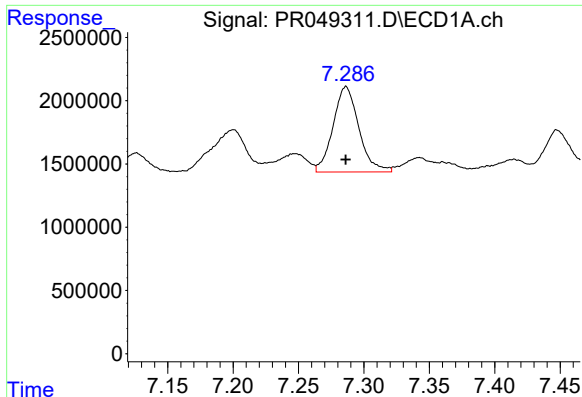
#27 AR-1254-2

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 8150089
Conc: 55.57 ng/ml



#27 AR-1254-2

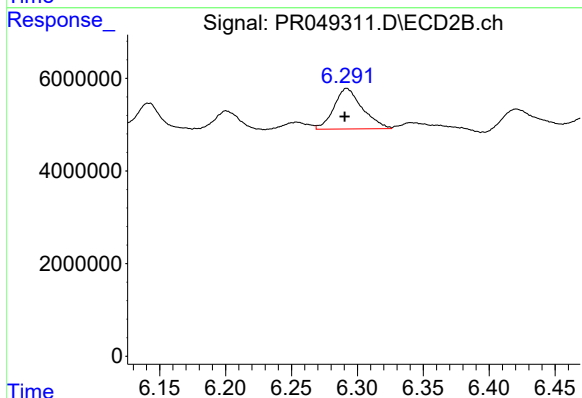
R.T.: 5.887 min
Delta R.T.: 0.001 min
Response: 6655232
Conc: 61.63 ng/ml



#28 AR-1254-3

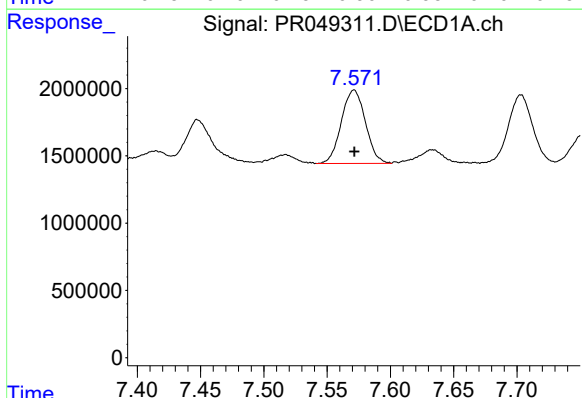
R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 9275729
Conc: 61.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



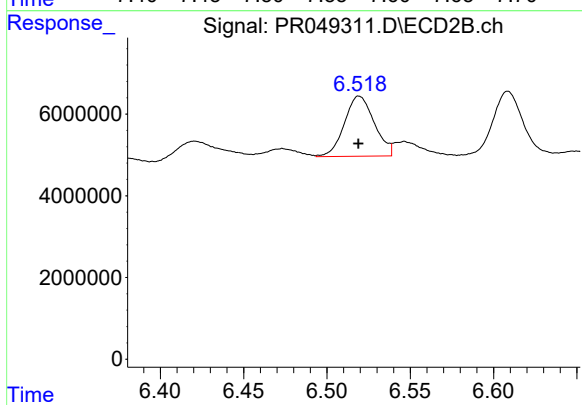
#28 AR-1254-3

R.T.: 6.292 min
Delta R.T.: 0.002 min
Response: 13161823
Conc: 62.31 ng/ml



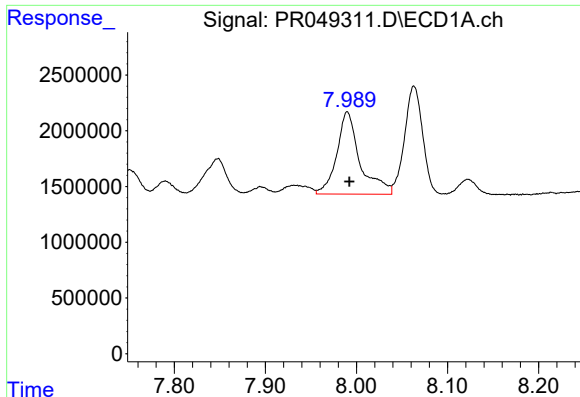
#29 AR-1254-4

R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 7213906
Conc: 59.32 ng/ml



#29 AR-1254-4

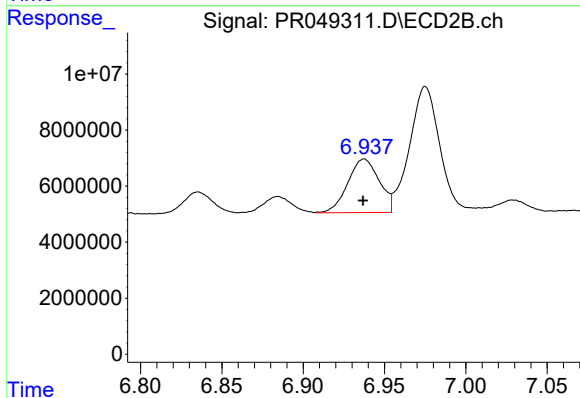
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 18389330
Conc: 54.43 ng/ml



#30 AR-1254-5

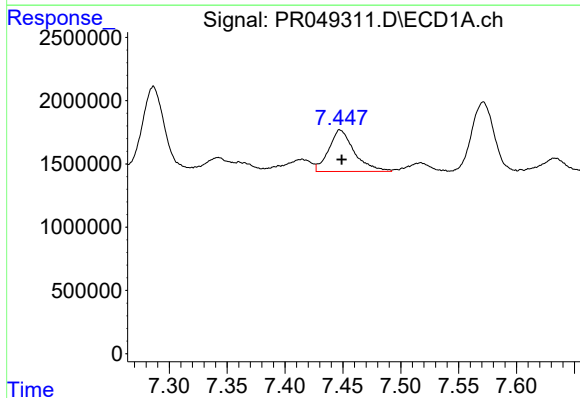
R.T.: 7.990 min
Delta R.T.: -0.003 min
Response: 13063108
Conc: 107.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



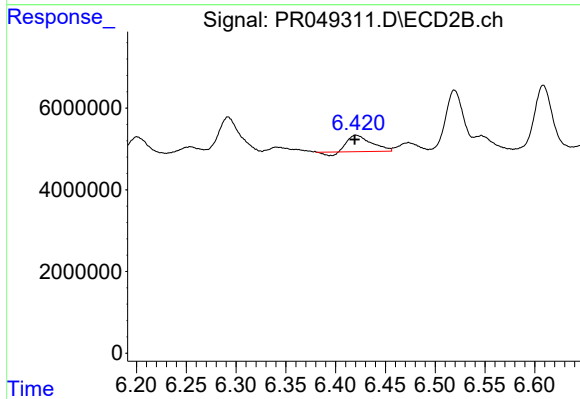
#30 AR-1254-5

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 25653776
Conc: 63.98 ng/ml



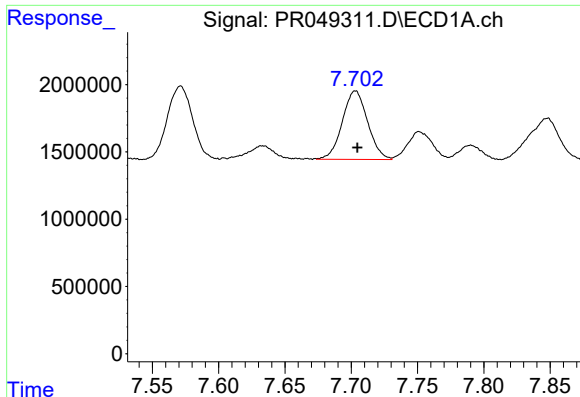
#31 AR-1260-1

R.T.: 7.447 min
Delta R.T.: -0.002 min
Response: 5045514
Conc: 44.47 ng/ml



#31 AR-1260-1

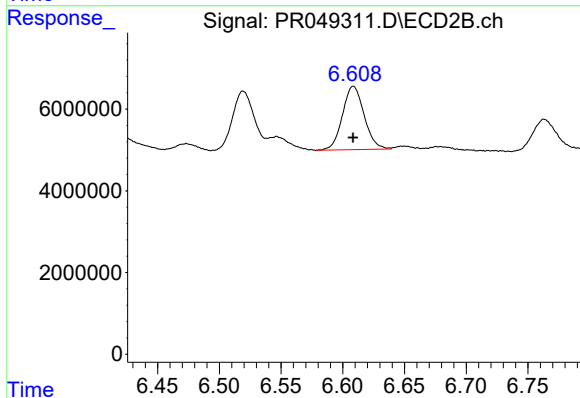
R.T.: 6.421 min
Delta R.T.: 0.001 min
Response: 6324684
Conc: 52.31 ng/ml



#32 AR-1260-2

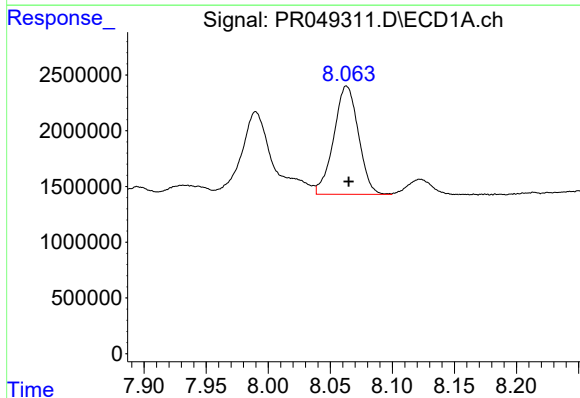
R.T.: 7.703 min
Delta R.T.: -0.001 min
Response: 6782422
Conc: 47.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



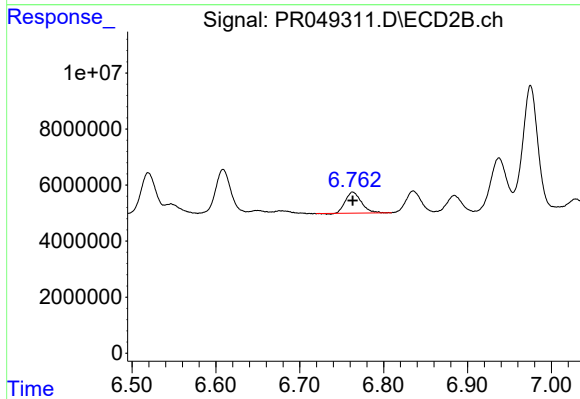
#32 AR-1260-2

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 19011040
Conc: 40.21 ng/ml



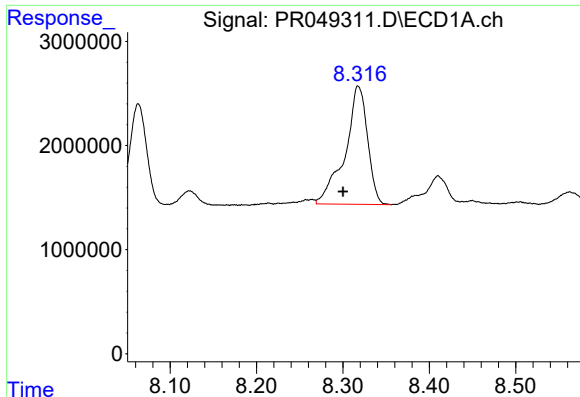
#33 AR-1260-3

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 13427691
Conc: 122.75 ng/ml



#33 AR-1260-3

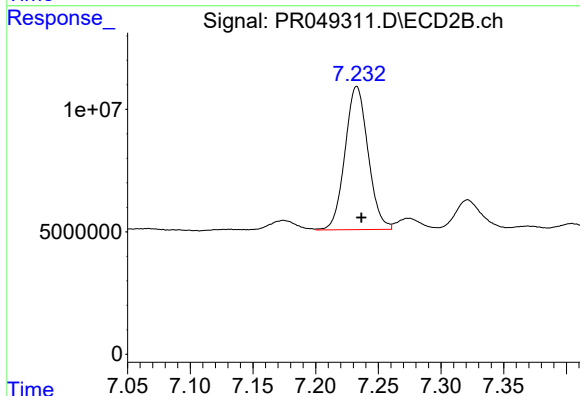
R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 9992816
Conc: 36.71 ng/ml



#34 AR-1260-4

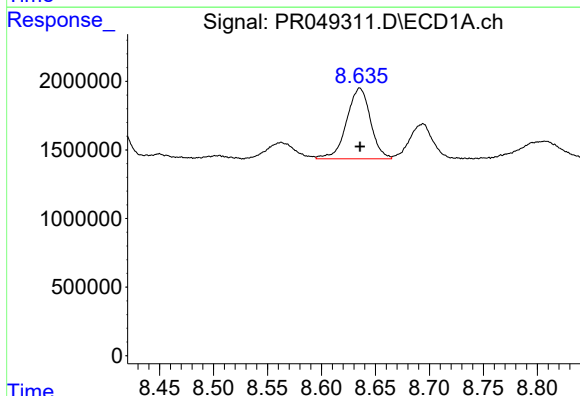
R.T.: 8.317 min
Delta R.T.: 0.017 min
Response: 20578361
Conc: 172.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



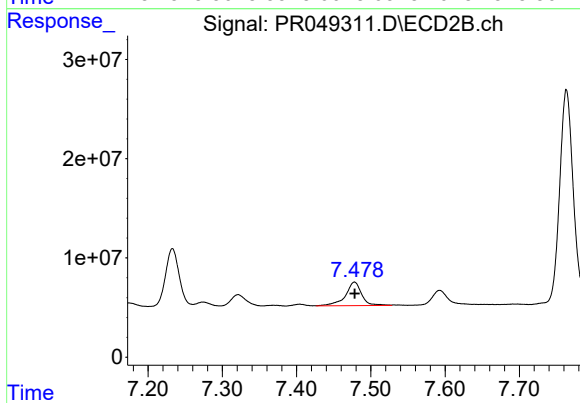
#34 AR-1260-4

R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 74906500
Conc: 229.86 ng/ml



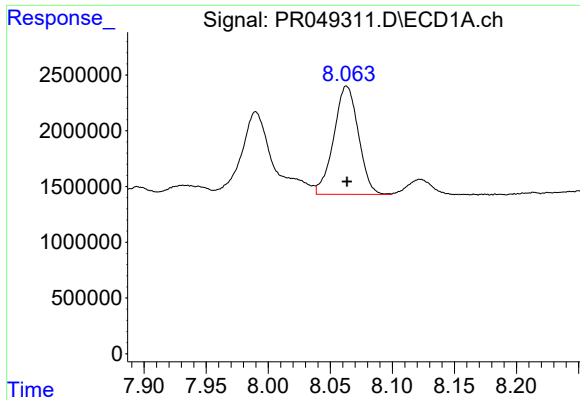
#35 AR-1260-5

R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 7951903
Conc: 32.33 ng/ml



#35 AR-1260-5

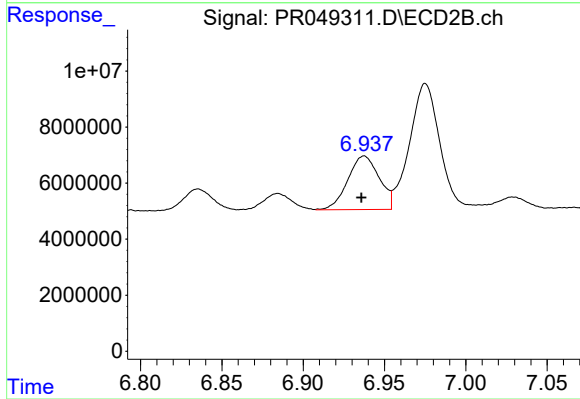
R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 36041774
Conc: 29.21 ng/ml



#36 AR-1262-1

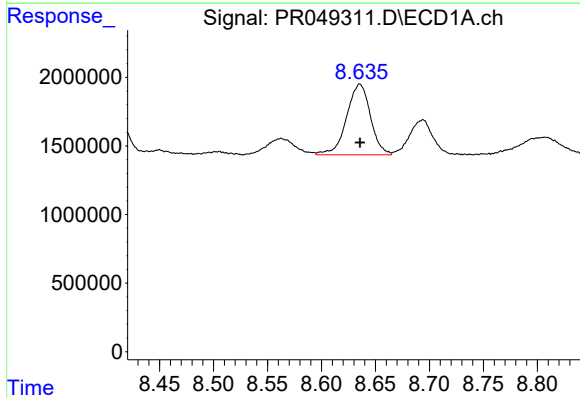
R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 13427691
Conc: 86.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



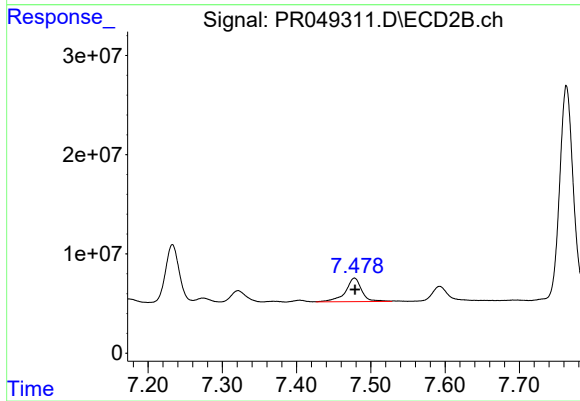
#36 AR-1262-1

R.T.: 6.937 min
Delta R.T.: 0.002 min
Response: 25653776
Conc: 113.82 ng/ml



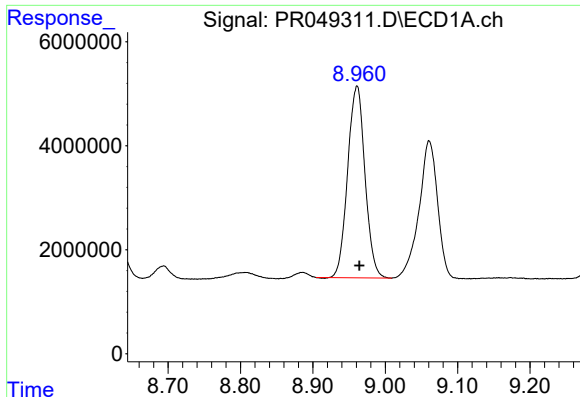
#37 AR-1262-2

R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 7951903
Conc: 28.50 ng/ml



#37 AR-1262-2

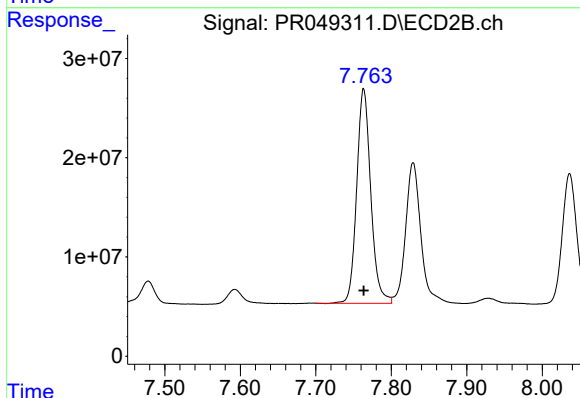
R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 36041774
Conc: 24.85 ng/ml



#38 AR-1262-3

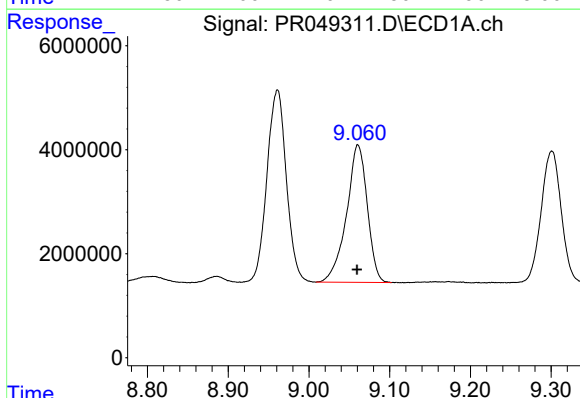
R.T.: 8.961 min
Delta R.T.: -0.003 min
Response: 61343426
Conc: 315.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



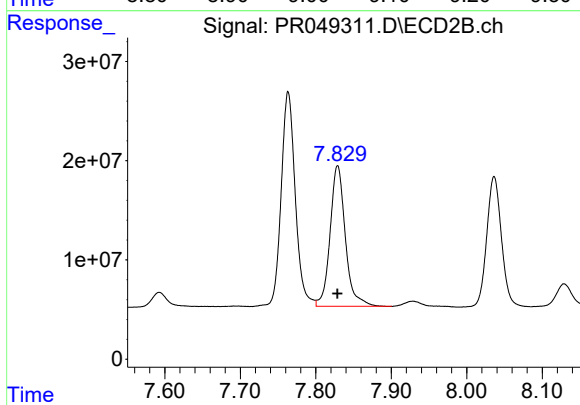
#38 AR-1262-3

R.T.: 7.763 min
Delta R.T.: 0.000 min
Response: 280025603
Conc: 503.15 ng/ml



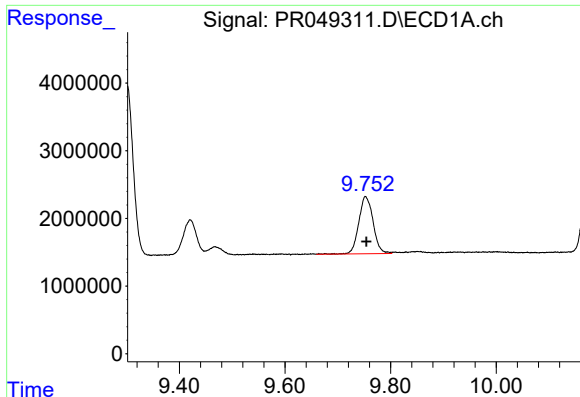
#39 AR-1262-4

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 47264433
Conc: 534.93 ng/ml



#39 AR-1262-4

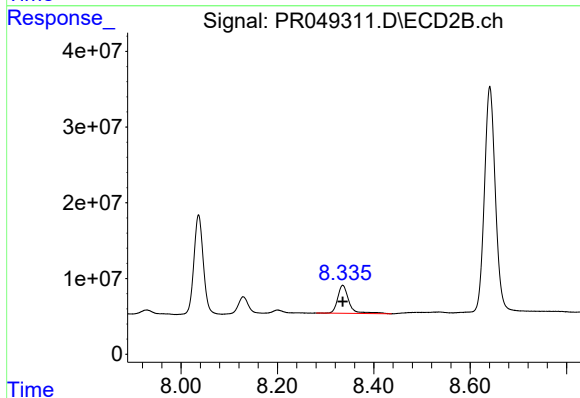
R.T.: 7.829 min
Delta R.T.: 0.000 min
Response: 198727015
Conc: 212.13 ng/ml



#40 AR-1262-5

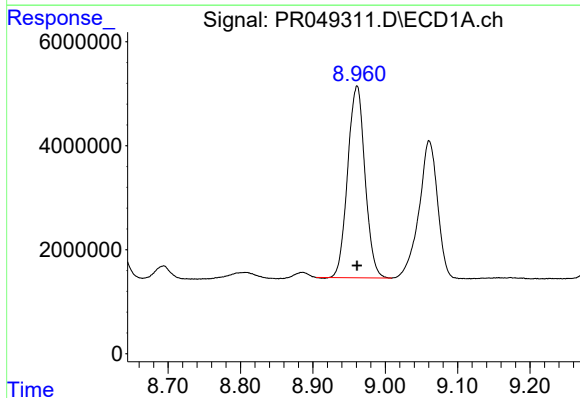
R.T.: 9.752 min
Delta R.T.: -0.002 min
Response: 15912215
Conc: 144.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



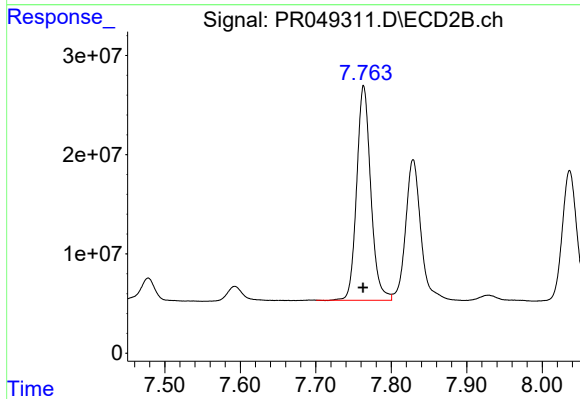
#40 AR-1262-5

R.T.: 8.336 min
Delta R.T.: 0.000 min
Response: 60293814
Conc: 144.03 ng/ml



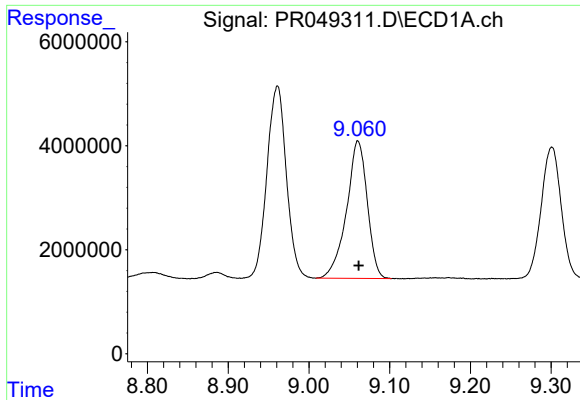
#41 AR-1268-1

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 61343426
Conc: 182.11 ng/ml



#41 AR-1268-1

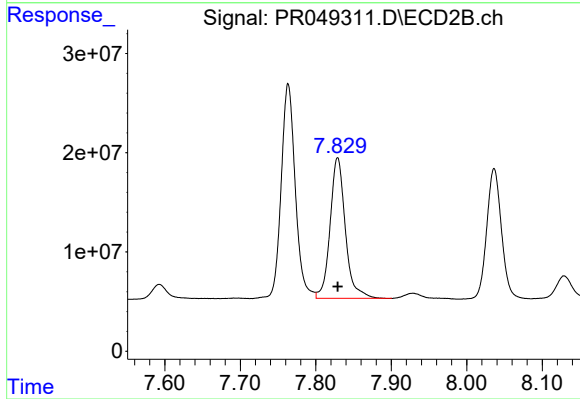
R.T.: 7.763 min
Delta R.T.: 0.000 min
Response: 280025603
Conc: 161.15 ng/ml



#42 AR-1268-2

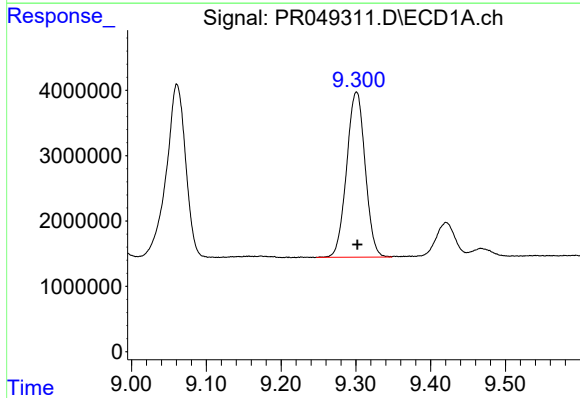
R.T.: 9.061 min
Delta R.T.: -0.001 min
Response: 47264433
Conc: 148.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



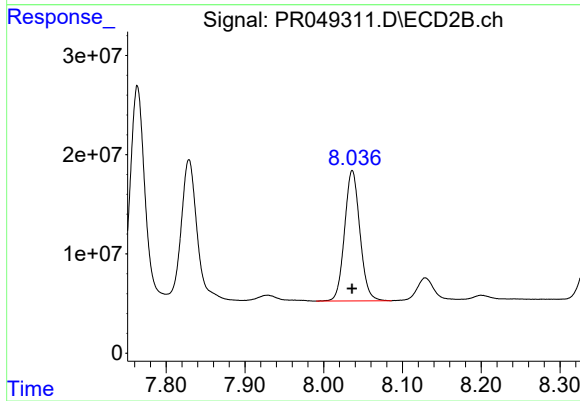
#42 AR-1268-2

R.T.: 7.829 min
Delta R.T.: 0.000 min
Response: 198727015
Conc: 137.00 ng/ml



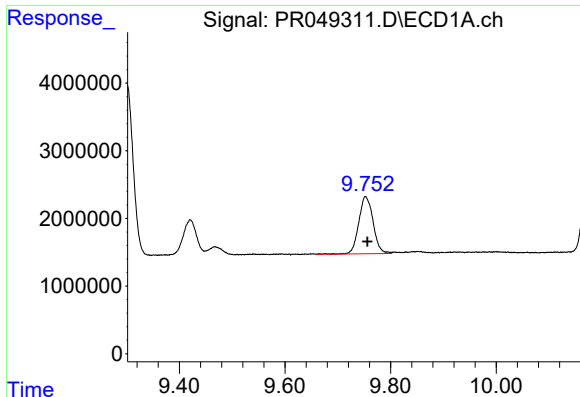
#43 AR-1268-3

R.T.: 9.301 min
Delta R.T.: -0.001 min
Response: 43492522
Conc: 157.94 ng/ml



#43 AR-1268-3

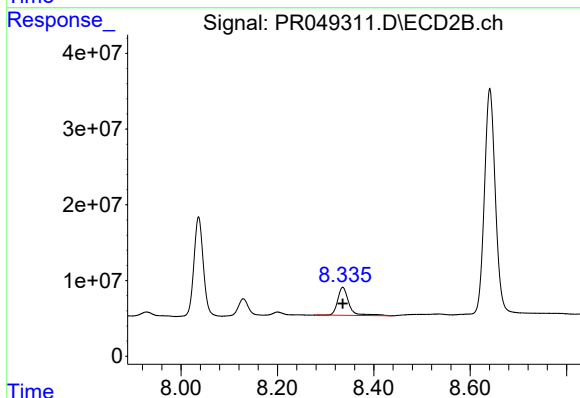
R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 177546796
Conc: 137.54 ng/ml



#44 AR-1268-4

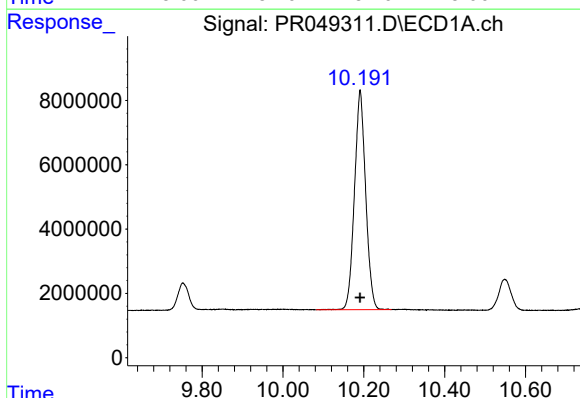
R.T.: 9.752 min
Delta R.T.: -0.004 min
Response: 15912215
Conc: 130.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



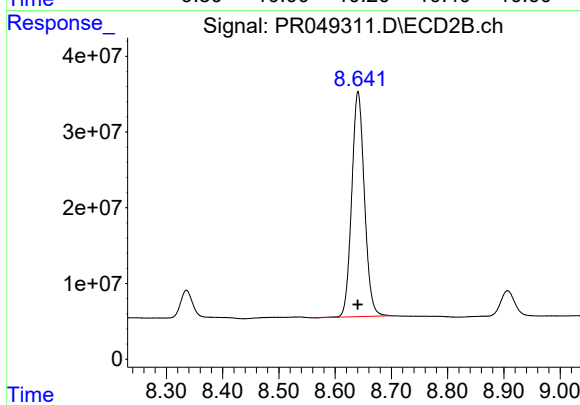
#44 AR-1268-4

R.T.: 8.336 min
Delta R.T.: 0.000 min
Response: 60293814
Conc: 122.03 ng/ml



#45 AR-1268-5

R.T.: 10.191 min
Delta R.T.: 0.000 min
Response: 130983573
Conc: 139.92 ng/ml



#45 AR-1268-5

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 466692976
Conc: 122.85 ng/ml