

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060765.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 04:47
 Operator : AJ\MA
 Sample : 02213-02
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:12:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 2023
 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...	3.687	2.900	66458924	85851479	21.769	20.173
2)	SA Decachlor...	9.656	8.126	65633939	92024108	23.137	21.168
Target Compounds							
3)	L1 AR-1016-1	4.923	4.028f	303810	560737	2.744	3.792 #
4)	L1 AR-1016-2	4.940	4.028	380708	560737	2.446	2.643
5)	L1 AR-1016-3	5.022	4.210	180363	151729	1.849	1.377 #
6)	L1 AR-1016-4	0.000	4.255	0	5183307	N.D.	60.635 #
7)	L1 AR-1016-5	5.430	4.470	2558105	3071111	32.164	26.891
8)	L2 AR-1221-1	3.899	3.115	203684	178761	5.141	3.764 #
9)	L2 AR-1221-2	4.002	3.201	838171	1202351	28.867	33.894
12)	L3 AR-1232-2	4.631	4.028	203889	560737	5.609	6.131
13)	L3 AR-1232-3	4.940	4.210	380708	151729	5.403	3.275 #
14)	L3 AR-1232-4	0.000	4.295	0	1492980	N.D.	36.570 #
15)	L3 AR-1232-5	5.216	4.470	4480053	3071111	170.948	65.360 #
16)	L4 AR-1242-1	4.923	4.028f	303810	560737	3.443	4.828 #
17)	L4 AR-1242-2	4.940	4.028	380708	560737	3.069	3.363
18)	L4 AR-1242-3	5.022	4.210	180363	151729	2.308	1.769
19)	L4 AR-1242-4	0.000	4.295	0	1492980	N.D.	18.459 #
20)	L4 AR-1242-5	5.910	4.838	2394894	12827001	34.590	119.071 #
21)	L5 AR-1248-1	4.923	4.028f	303810	560737	4.572	6.521 #
22)	L5 AR-1248-2	5.216	4.255	4480053	5183307	50.456	43.107
23)	L5 AR-1248-3	5.430	4.295	2558105	1492980	24.297	12.248 #
24)	L5 AR-1248-4	5.867	4.470	3758568	3071111	31.262	20.346 #
25)	L5 AR-1248-5	5.910	4.879	2394894	1566987	20.231	10.195 #
26)	L6 AR-1254-1	5.837	4.838	7719267	12827001	64.091	53.053
27)	L6 AR-1254-2	6.077	4.997	12284195	11146384	64.432	53.347
28)	L6 AR-1254-3	6.471	5.415	12748584	17943326	62.129	51.560
29)	L6 AR-1254-4	6.785	5.661	9734174	11519543	62.529	52.244
30)	L6 AR-1254-5	7.242	6.103	10396800	16824597	61.795	52.496
31)	L7 AR-1260-1	6.652	5.554	5403826	11023055	33.919	44.974 #
32)	L7 AR-1260-2	6.937	5.760	5934244	7724467	30.752	24.855
33)	L7 AR-1260-3	7.307f	5.914	1035580	7576330	7.275	26.986 #
34)	L7 AR-1260-4	7.554f	6.421	4252567	810667	26.012	3.368 #
35)	L7 AR-1260-5	7.913	6.686	1450785	1912444	4.587	3.285 #
36)	L8 AR-1262-1	7.307f	6.174f	1035580	1379327	5.479	4.373
37)	L8 AR-1262-2	7.913	6.421	1450785	810667	4.306	2.813 #
38)	L8 AR-1262-3	8.234	0.000	1231751	0	5.349	N.D. #
39)	L8 AR-1262-4	0.000	7.052	0	2559574	N.D.	5.952 #
40)	L8 AR-1262-5	8.943	0.000	1274187	0	10.171	N.D. #
41)	L9 AR-1268-1	8.234	0.000	1231751	0	2.980	N.D. #
42)	L9 AR-1268-2	0.000	7.052	0	2559574	N.D.	3.828 #
43)	L9 AR-1268-3	0.000	7.277	0	3413580	N.D.	6.006 #

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Integration File signal 1: autoint1.e
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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
44) L9	AR-1268-4	8.943	0.000	1274187	0	8.867	N.D. #
45) L9	AR-1268-5	9.337	7.885	647499	1088395	0.613	0.579

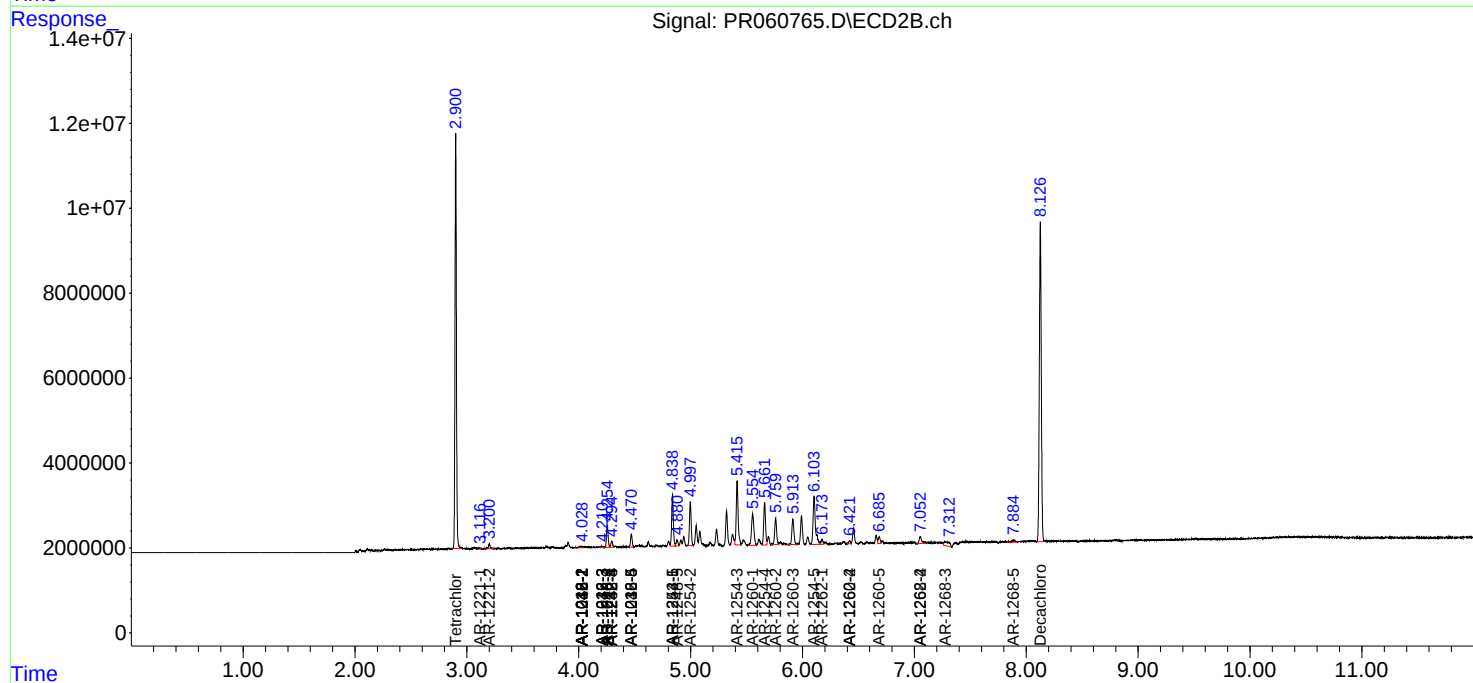
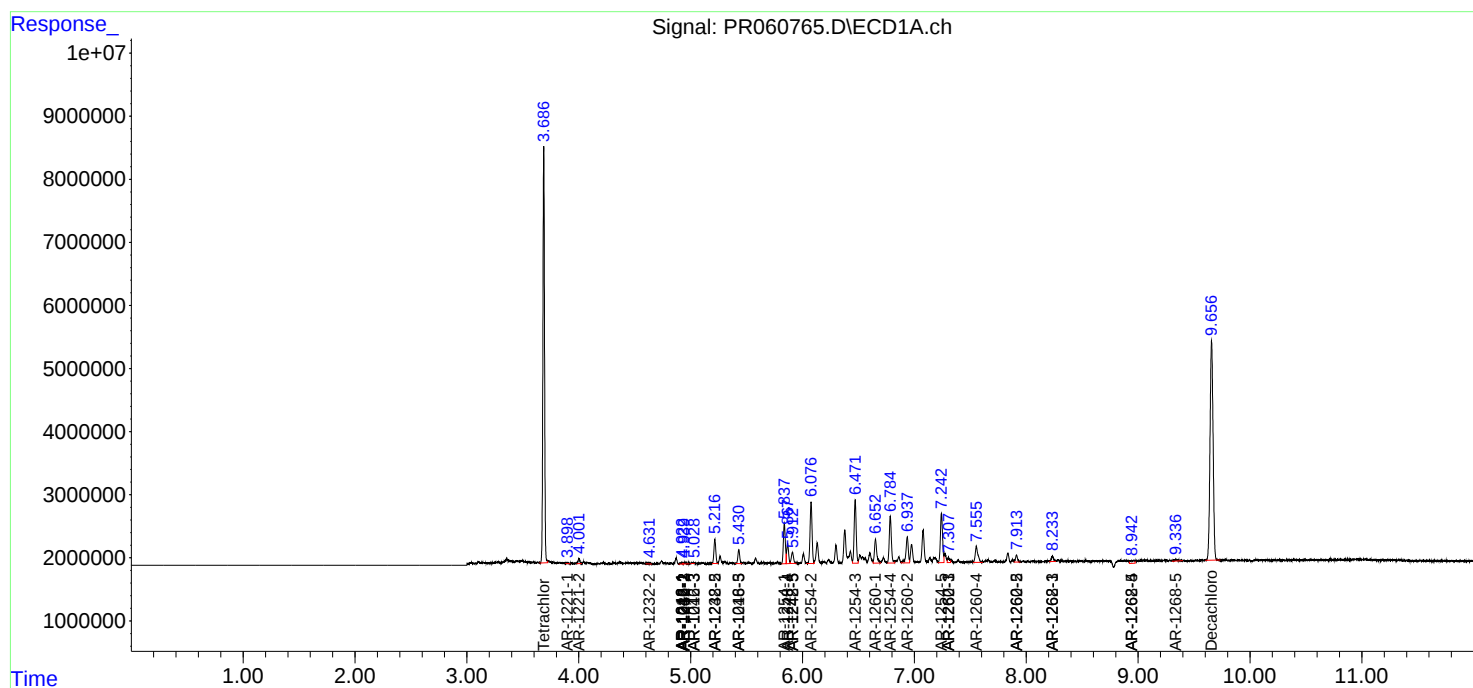
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

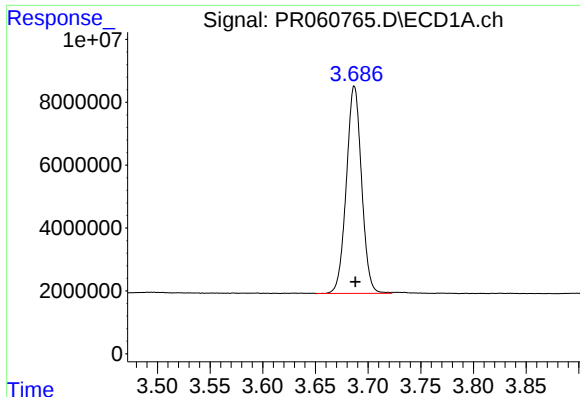
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

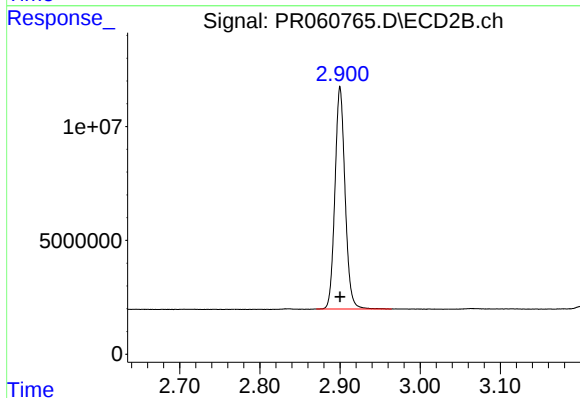




#1 Tetrachloro-m-xylene

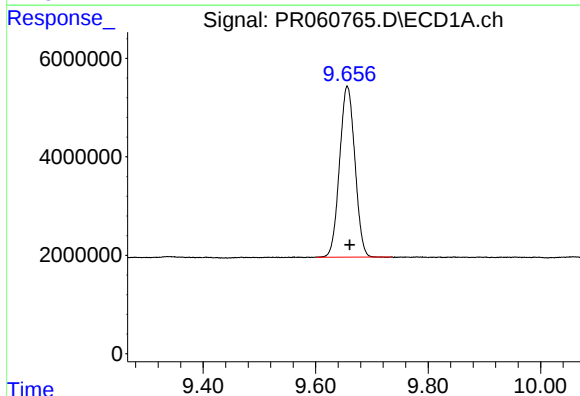
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 66458924
Conc: 21.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



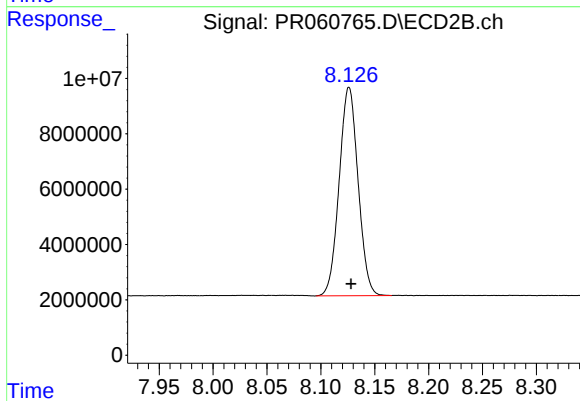
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 85851479
Conc: 20.17 ng/ml



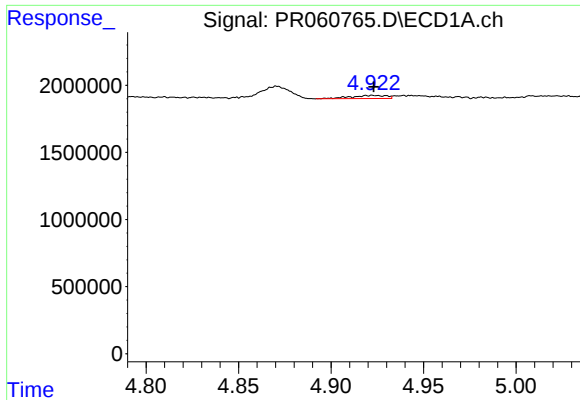
#2 Decachlorobiphenyl

R.T.: 9.656 min
Delta R.T.: -0.004 min
Response: 65633939
Conc: 23.14 ng/ml



#2 Decachlorobiphenyl

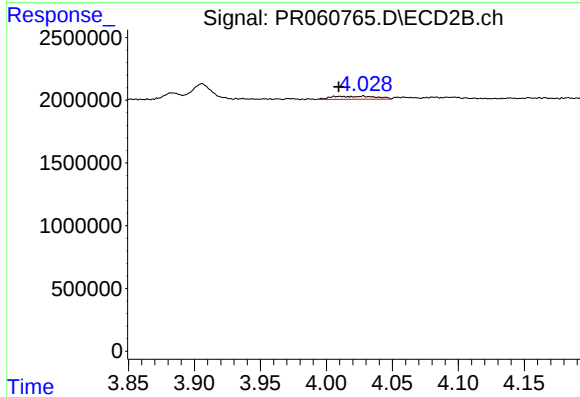
R.T.: 8.126 min
Delta R.T.: -0.002 min
Response: 92024108
Conc: 21.17 ng/ml



#3 AR-1016-1

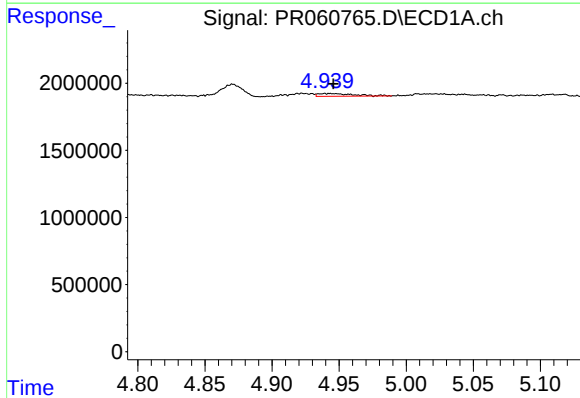
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 303810
Conc: 2.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



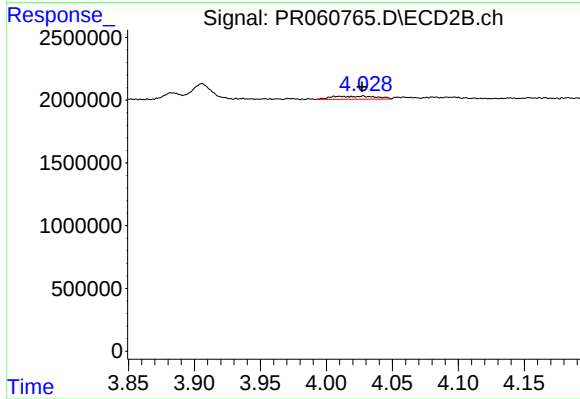
#3 AR-1016-1

R.T.: 4.028 min
Delta R.T.: 0.018 min
Response: 560737
Conc: 3.79 ng/ml



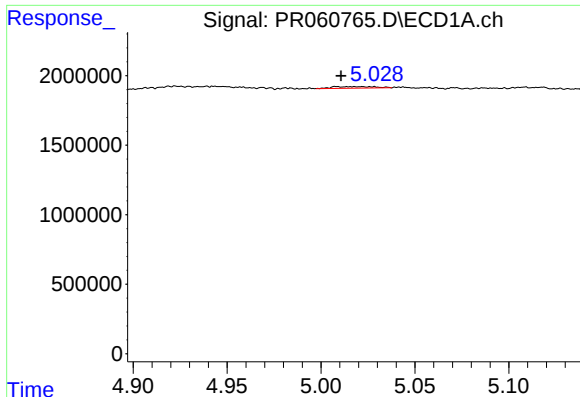
#4 AR-1016-2

R.T.: 4.940 min
Delta R.T.: -0.006 min
Response: 380708
Conc: 2.45 ng/ml



#4 AR-1016-2

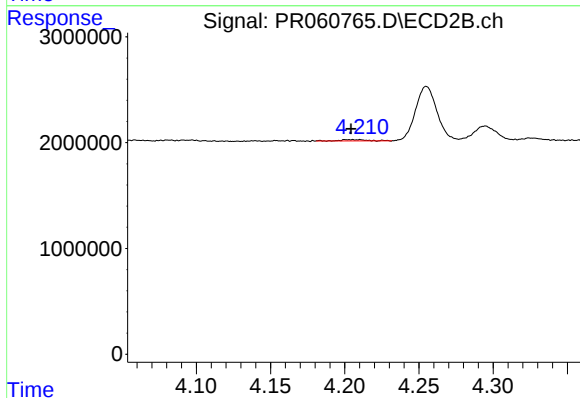
R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 560737
Conc: 2.64 ng/ml



#5 AR-1016-3

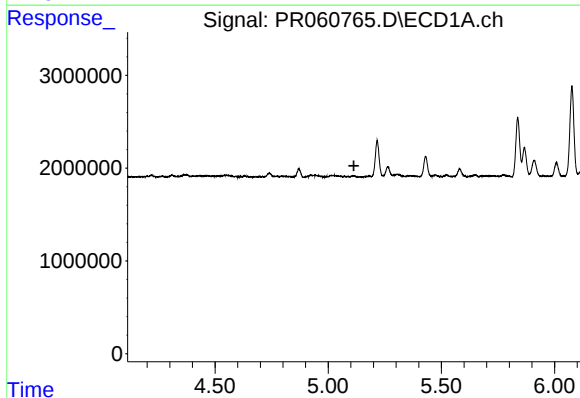
R.T.: 5.022 min
Delta R.T.: 0.011 min
Response: 180363
Conc: 1.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



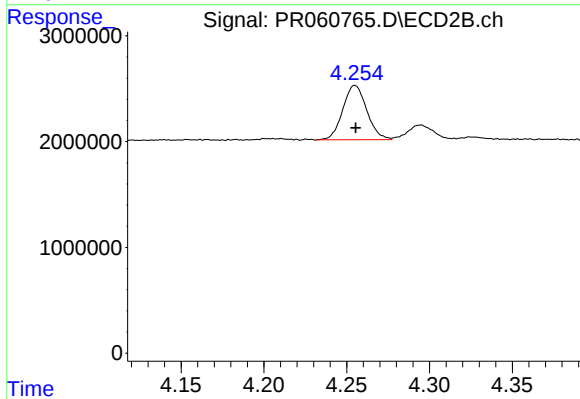
#5 AR-1016-3

R.T.: 4.210 min
Delta R.T.: 0.006 min
Response: 151729
Conc: 1.38 ng/ml



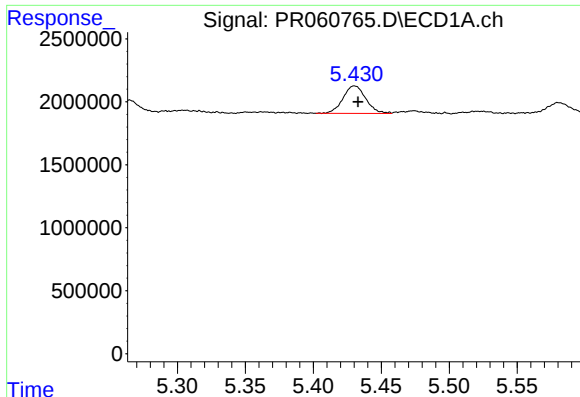
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



#6 AR-1016-4

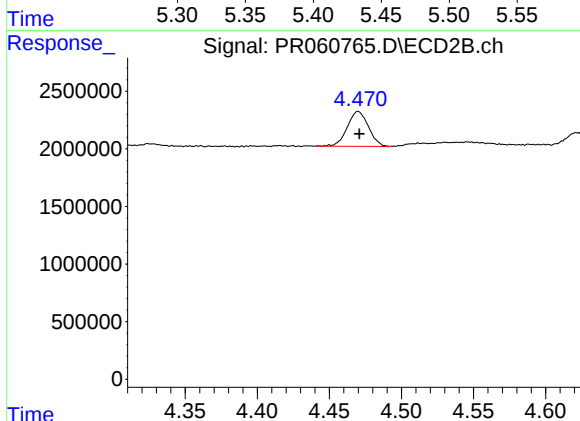
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 5183307
Conc: 60.63 ng/ml



#7 AR-1016-5

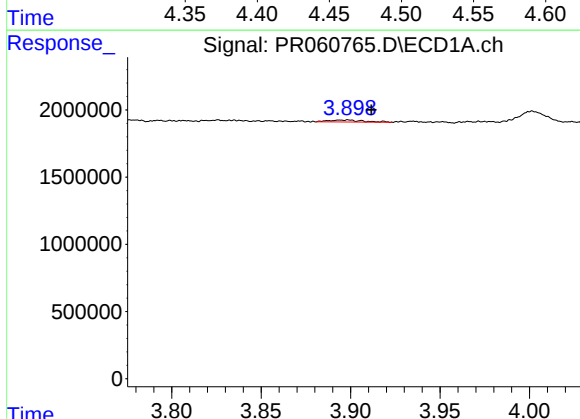
R.T.: 5.430 min
Delta R.T.: -0.003 min
Response: 2558105
Conc: 32.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



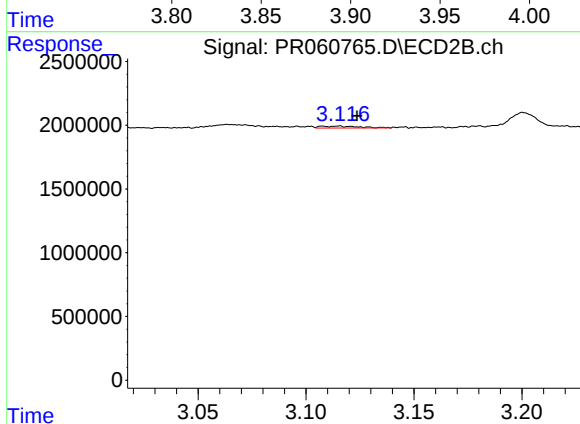
#7 AR-1016-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 3071111
Conc: 26.89 ng/ml



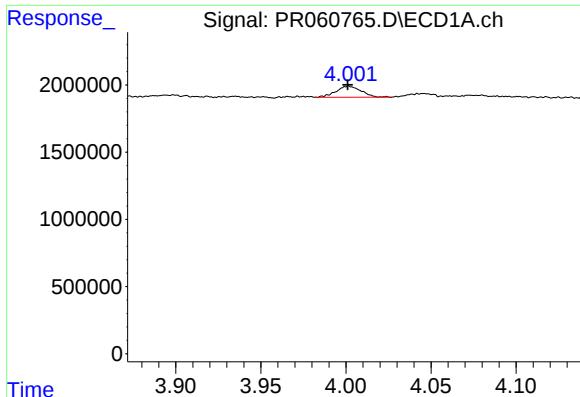
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: -0.013 min
Response: 203684
Conc: 5.14 ng/ml



#8 AR-1221-1

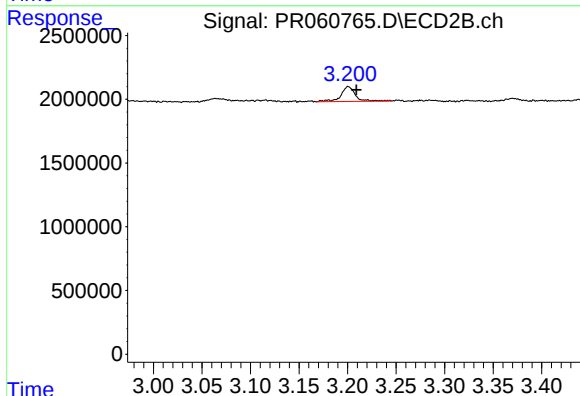
R.T.: 3.115 min
Delta R.T.: -0.009 min
Response: 178761
Conc: 3.76 ng/ml



#9 AR-1221-2

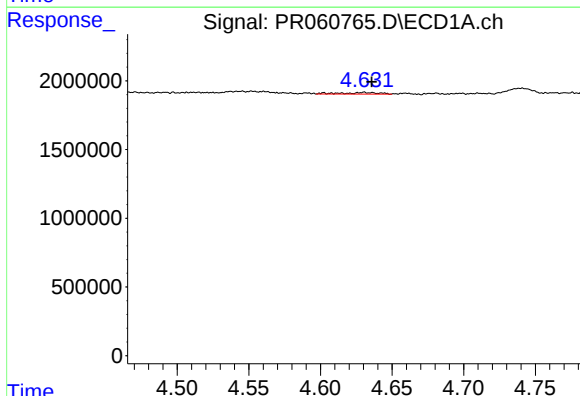
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 838171
Conc: 28.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



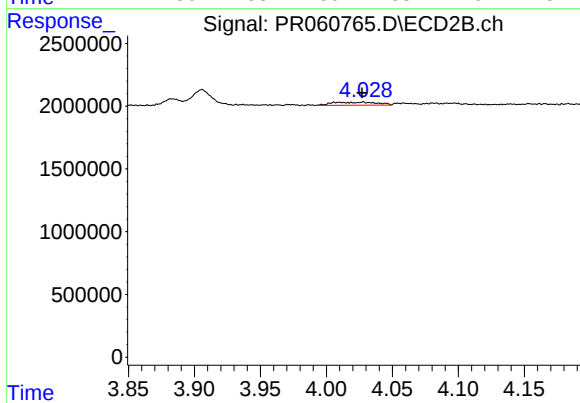
#9 AR-1221-2

R.T.: 3.201 min
Delta R.T.: -0.008 min
Response: 1202351
Conc: 33.89 ng/ml



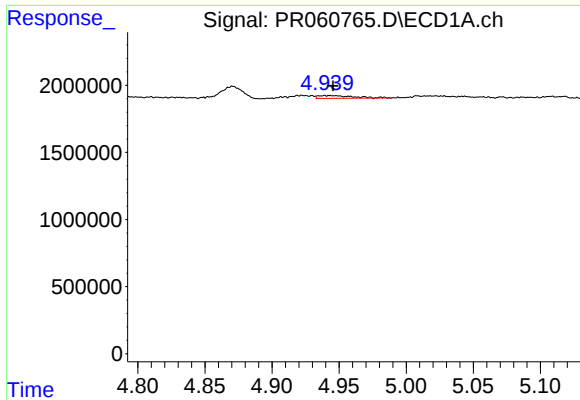
#12 AR-1232-2

R.T.: 4.631 min
Delta R.T.: -0.005 min
Response: 203889
Conc: 5.61 ng/ml



#12 AR-1232-2

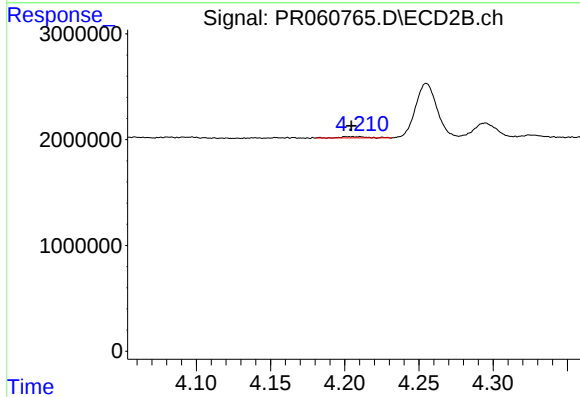
R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 560737
Conc: 6.13 ng/ml



#13 AR-1232-3

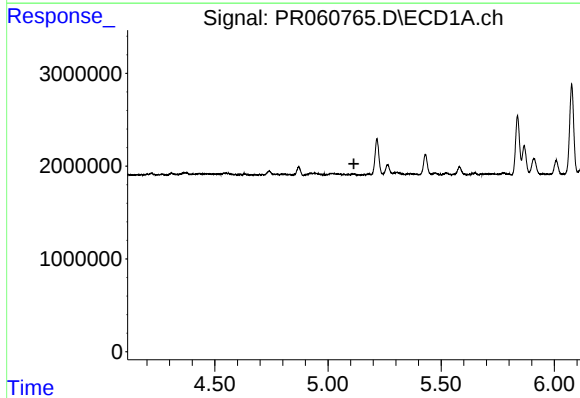
R.T.: 4.940 min
Delta R.T.: -0.006 min
Response: 380708
Conc: 5.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



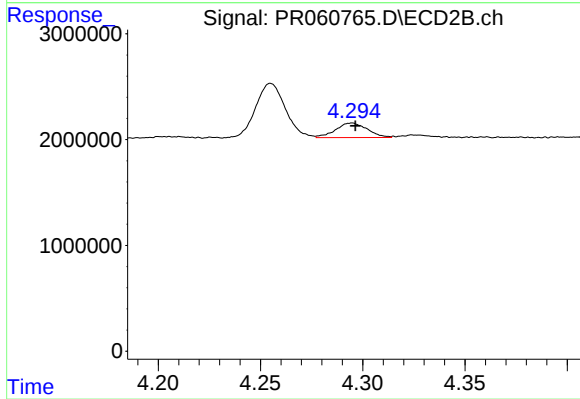
#13 AR-1232-3

R.T.: 4.210 min
Delta R.T.: 0.006 min
Response: 151729
Conc: 3.28 ng/ml



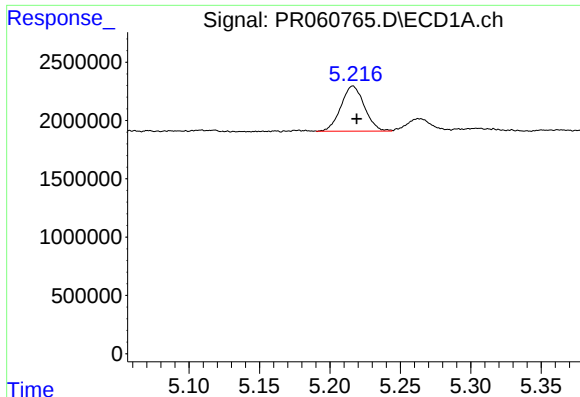
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



#14 AR-1232-4

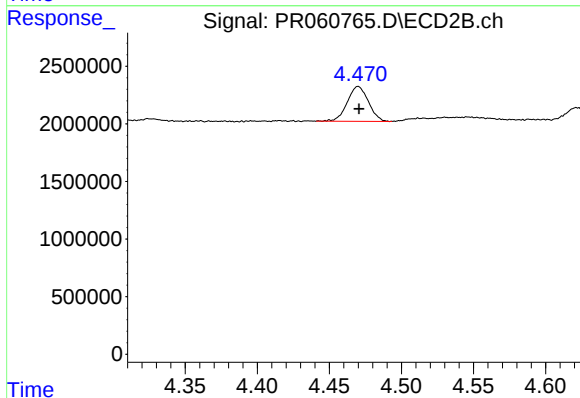
R.T.: 4.295 min
Delta R.T.: -0.002 min
Response: 1492980
Conc: 36.57 ng/ml



#15 AR-1232-5

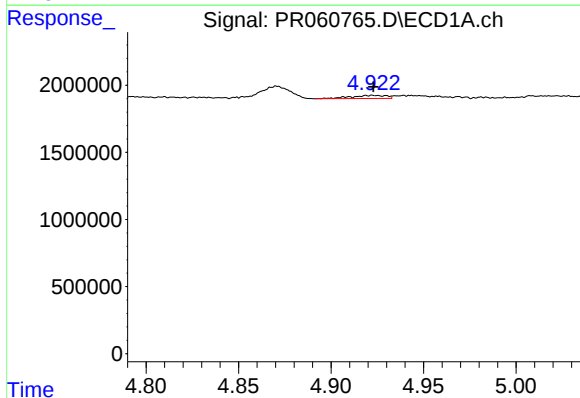
R.T.: 5.216 min
Delta R.T.: -0.003 min
Response: 4480053
Conc: 170.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



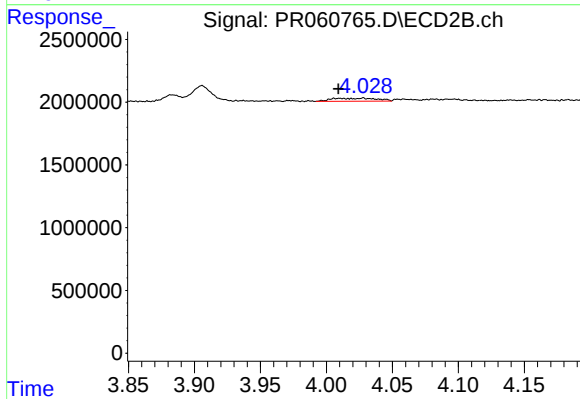
#15 AR-1232-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 3071111
Conc: 65.36 ng/ml



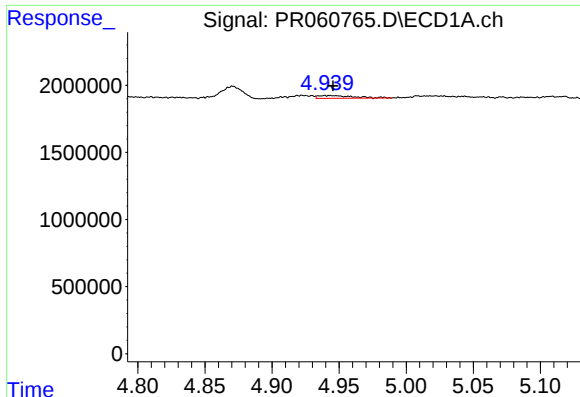
#16 AR-1242-1

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 303810
Conc: 3.44 ng/ml



#16 AR-1242-1

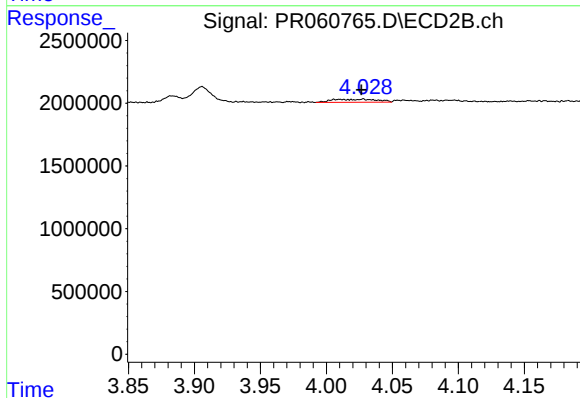
R.T.: 4.028 min
Delta R.T.: 0.019 min
Response: 560737
Conc: 4.83 ng/ml



#17 AR-1242-2

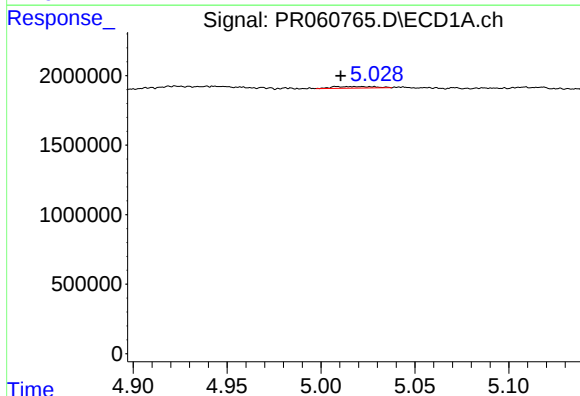
R.T.: 4.940 min
Delta R.T.: -0.006 min
Response: 380708
Conc: 3.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



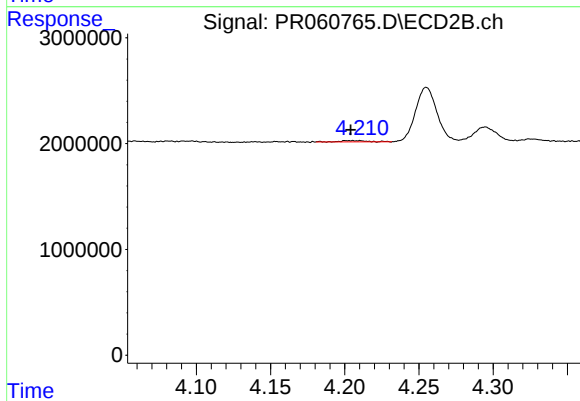
#17 AR-1242-2

R.T.: 4.028 min
Delta R.T.: 0.001 min
Response: 560737
Conc: 3.36 ng/ml



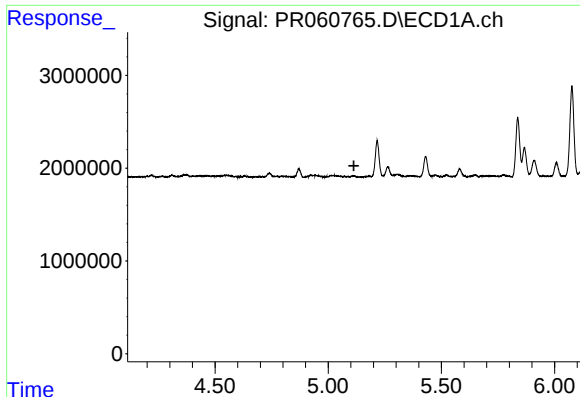
#18 AR-1242-3

R.T.: 5.022 min
Delta R.T.: 0.011 min
Response: 180363
Conc: 2.31 ng/ml



#18 AR-1242-3

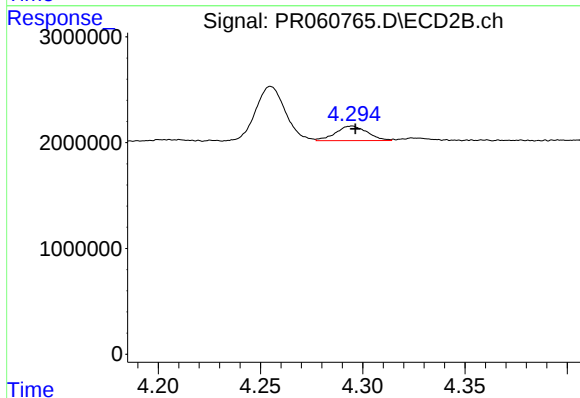
R.T.: 4.210 min
Delta R.T.: 0.006 min
Response: 151729
Conc: 1.77 ng/ml



#19 AR-1242-4

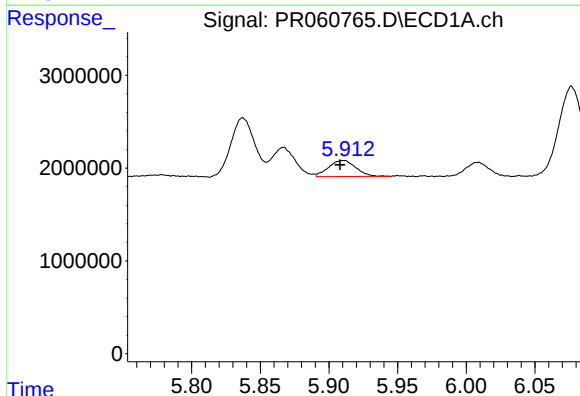
R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



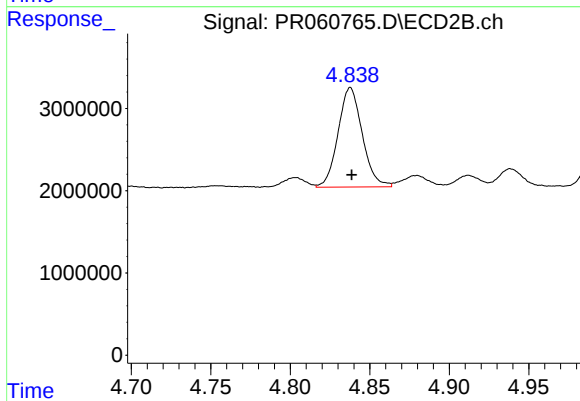
#19 AR-1242-4

R.T.: 4.295 min
Delta R.T.: -0.002 min
Response: 1492980
Conc: 18.46 ng/ml



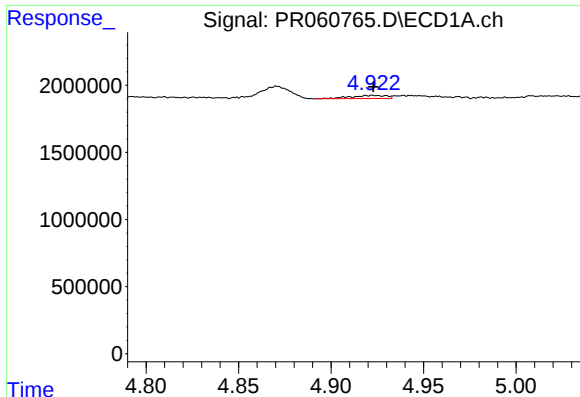
#20 AR-1242-5

R.T.: 5.910 min
Delta R.T.: 0.002 min
Response: 2394894
Conc: 34.59 ng/ml



#20 AR-1242-5

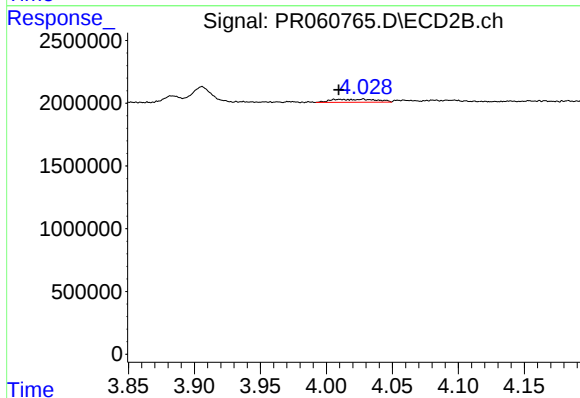
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 12827001
Conc: 119.07 ng/ml



#21 AR-1248-1

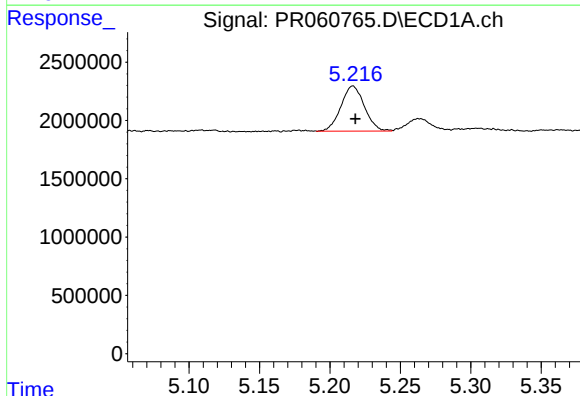
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 303810
Conc: 4.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



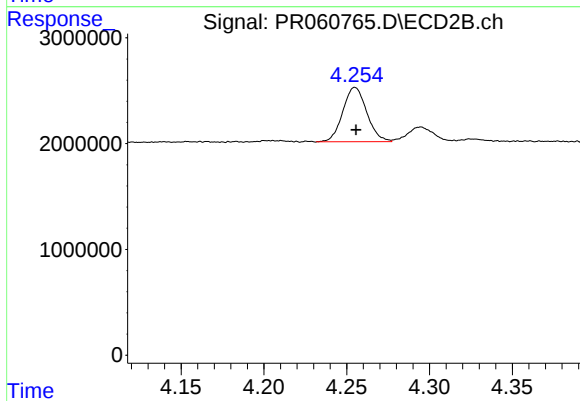
#21 AR-1248-1

R.T.: 4.028 min
Delta R.T.: 0.018 min
Response: 560737
Conc: 6.52 ng/ml



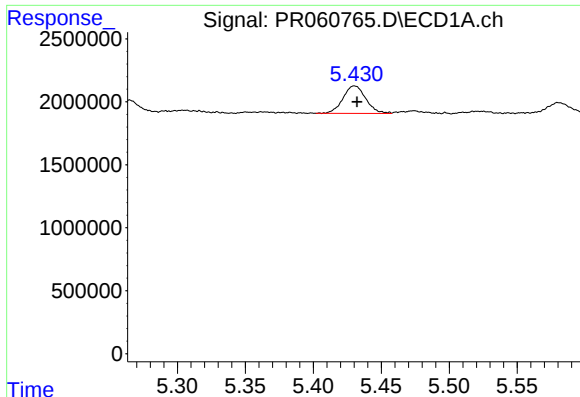
#22 AR-1248-2

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 4480053
Conc: 50.46 ng/ml



#22 AR-1248-2

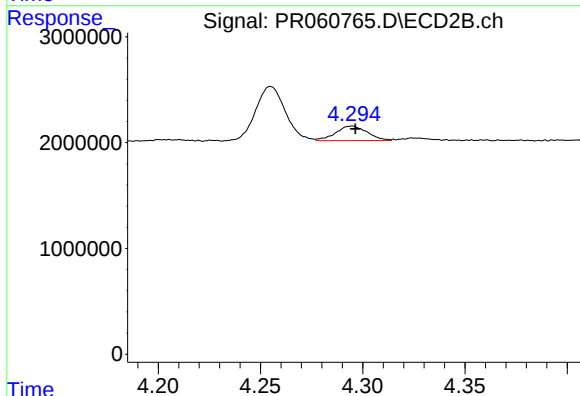
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 5183307
Conc: 43.11 ng/ml



#23 AR-1248-3

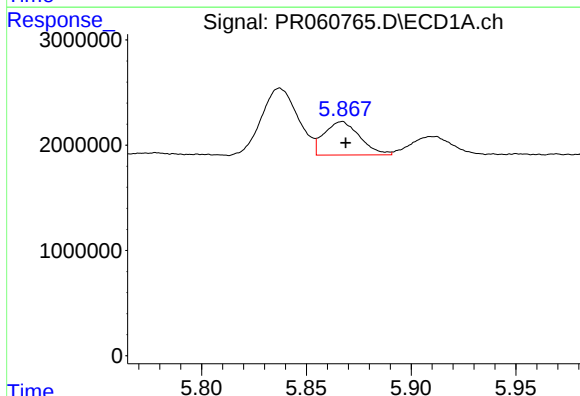
R.T.: 5.430 min
Delta R.T.: -0.002 min
Response: 2558105
Conc: 24.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



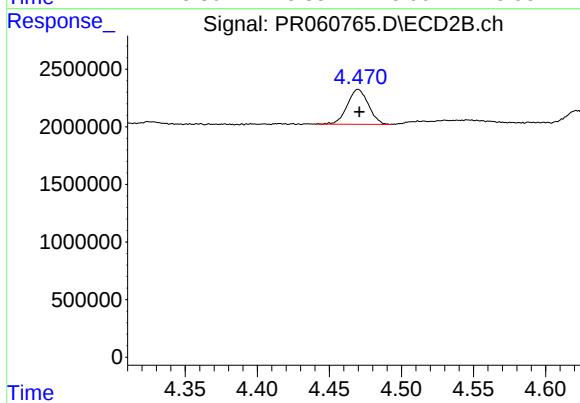
#23 AR-1248-3

R.T.: 4.295 min
Delta R.T.: -0.002 min
Response: 1492980
Conc: 12.25 ng/ml



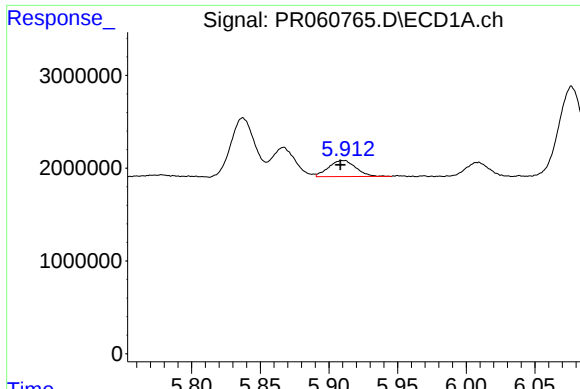
#24 AR-1248-4

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 3758568
Conc: 31.26 ng/ml



#24 AR-1248-4

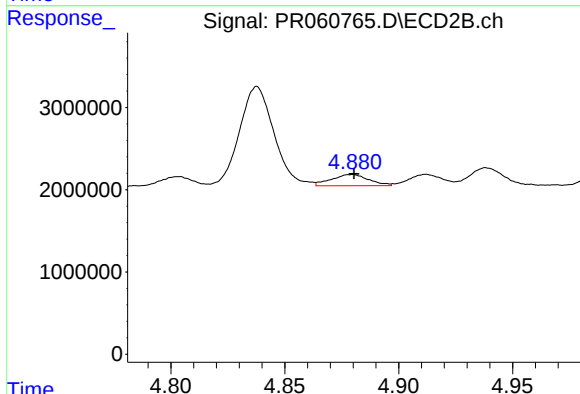
R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 3071111
Conc: 20.35 ng/ml



#25 AR-1248-5

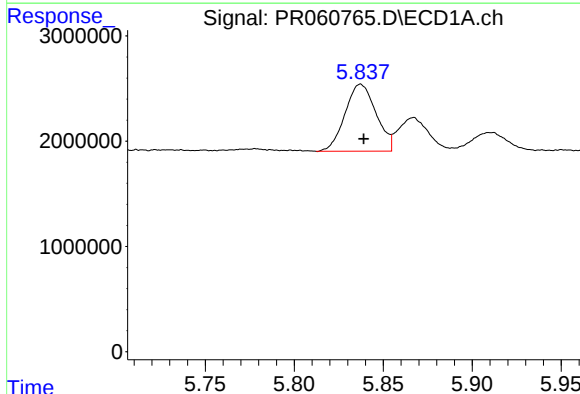
R.T.: 5.910 min
Delta R.T.: 0.002 min
Response: 2394894
Conc: 20.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



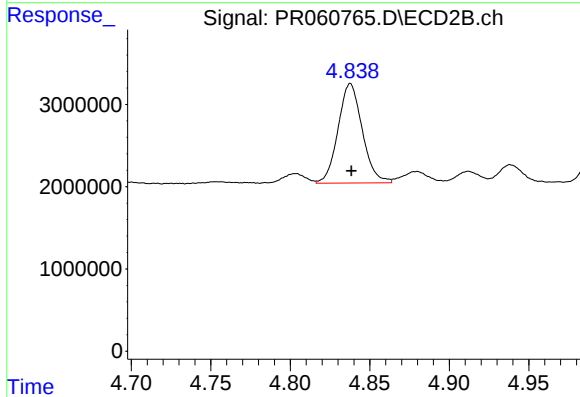
#25 AR-1248-5

R.T.: 4.879 min
Delta R.T.: -0.001 min
Response: 1566987
Conc: 10.19 ng/ml



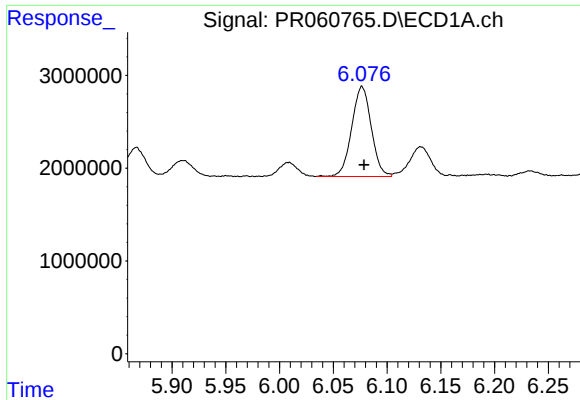
#26 AR-1254-1

R.T.: 5.837 min
Delta R.T.: -0.002 min
Response: 7719267
Conc: 64.09 ng/ml



#26 AR-1254-1

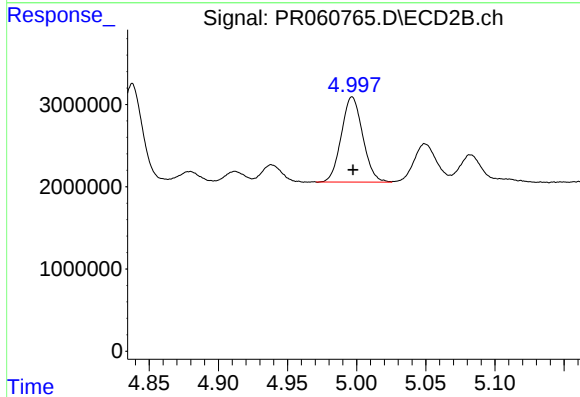
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 12827001
Conc: 53.05 ng/ml



#27 AR-1254-2

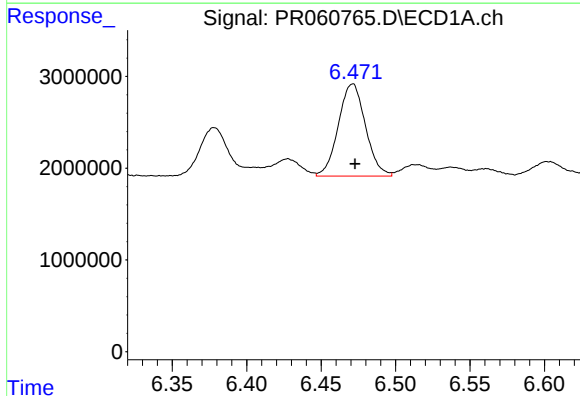
R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 12284195
Conc: 64.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



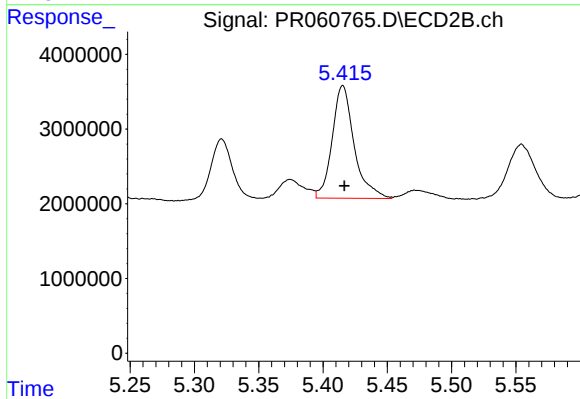
#27 AR-1254-2

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 11146384
Conc: 53.35 ng/ml



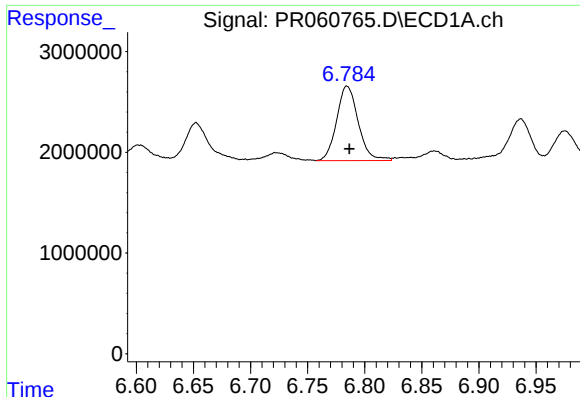
#28 AR-1254-3

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 12748584
Conc: 62.13 ng/ml



#28 AR-1254-3

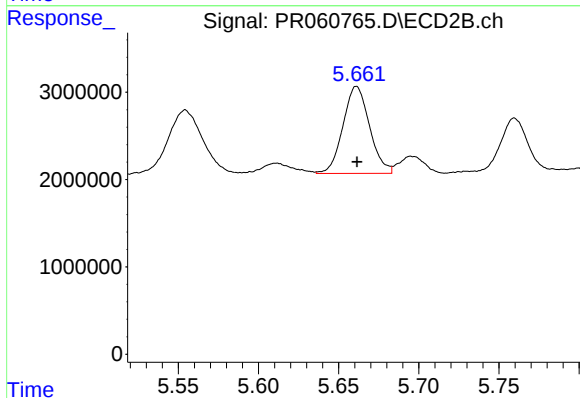
R.T.: 5.415 min
Delta R.T.: -0.001 min
Response: 17943326
Conc: 51.56 ng/ml



#29 AR-1254-4

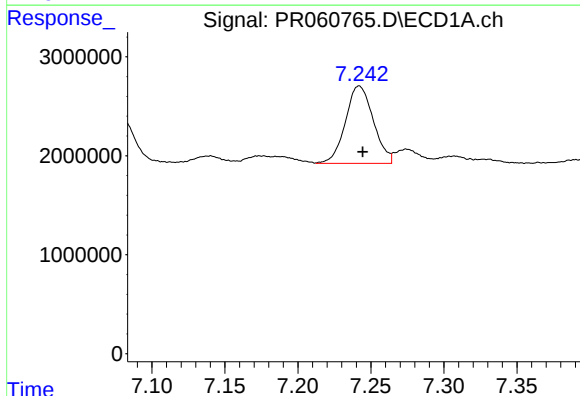
R.T.: 6.785 min
Delta R.T.: -0.002 min
Response: 9734174
Conc: 62.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



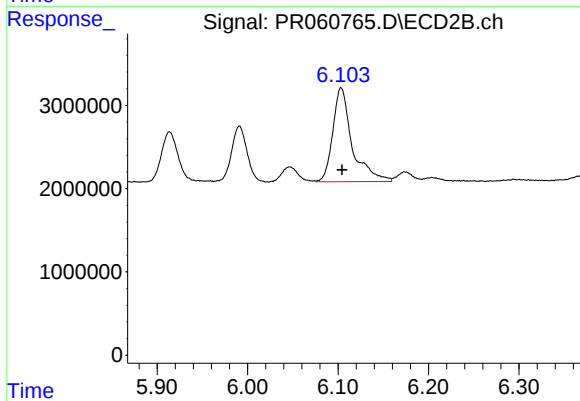
#29 AR-1254-4

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 11519543
Conc: 52.24 ng/ml



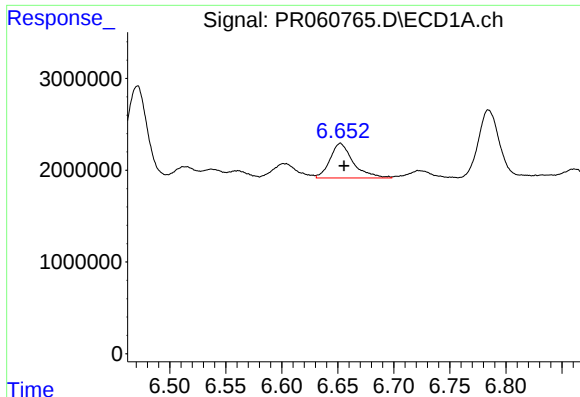
#30 AR-1254-5

R.T.: 7.242 min
Delta R.T.: -0.003 min
Response: 10396800
Conc: 61.79 ng/ml



#30 AR-1254-5

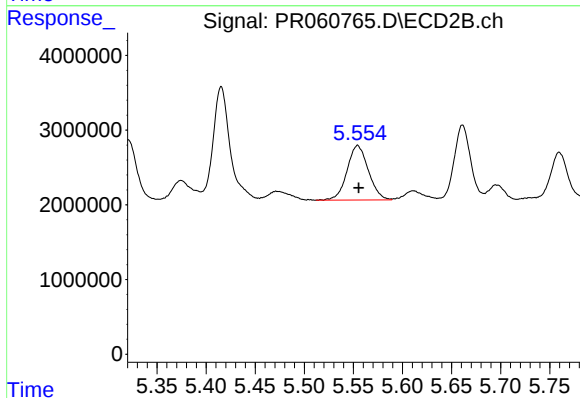
R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 16824597
Conc: 52.50 ng/ml



#31 AR-1260-1

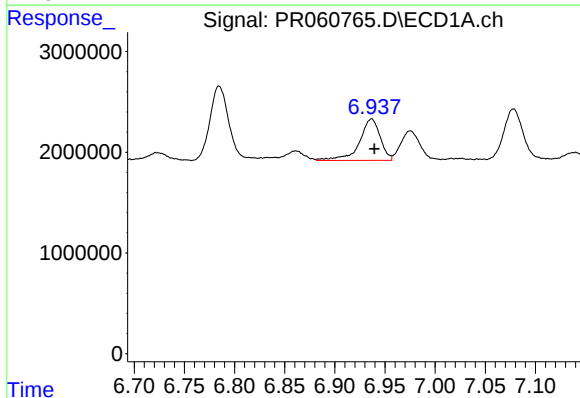
R.T.: 6.652 min
Delta R.T.: -0.003 min
Response: 5403826
Conc: 33.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



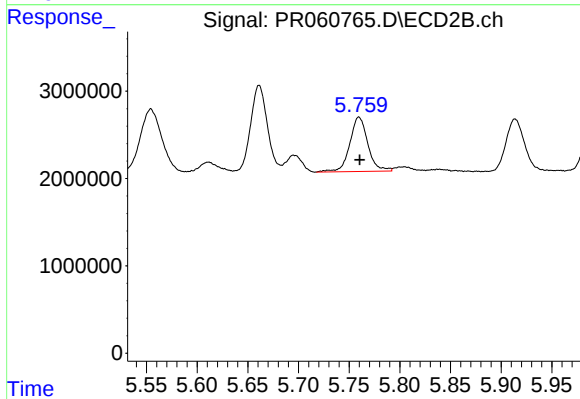
#31 AR-1260-1

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 11023055
Conc: 44.97 ng/ml



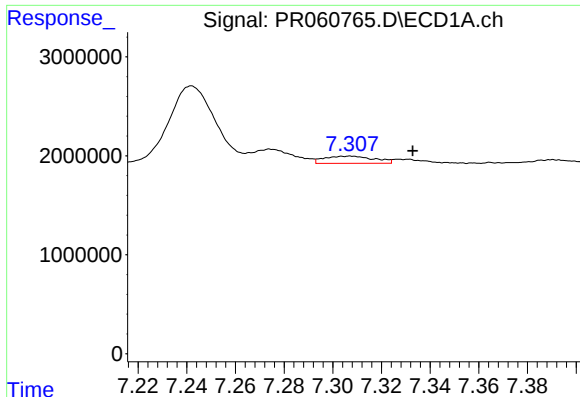
#32 AR-1260-2

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 5934244
Conc: 30.75 ng/ml



#32 AR-1260-2

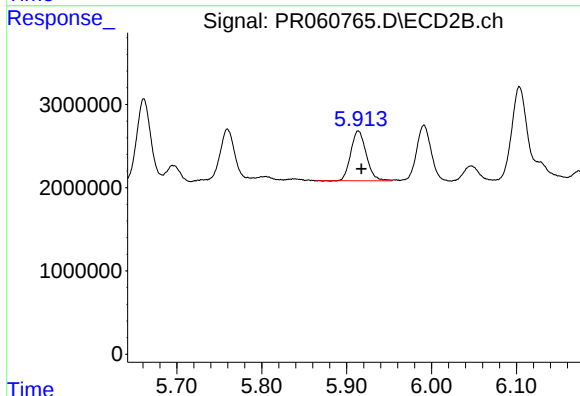
R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 7724467
Conc: 24.85 ng/ml



#33 AR-1260-3

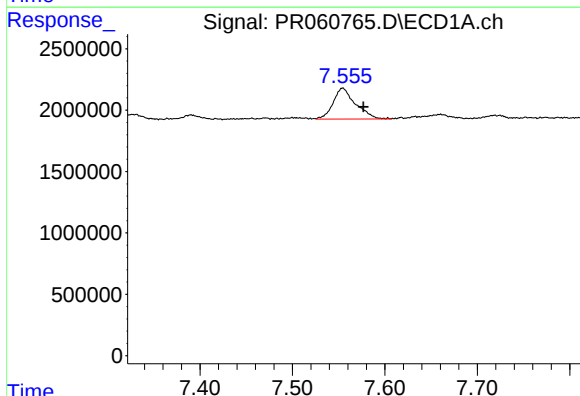
R.T.: 7.307 min
Delta R.T.: -0.026 min
Response: 1035580
Conc: 7.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



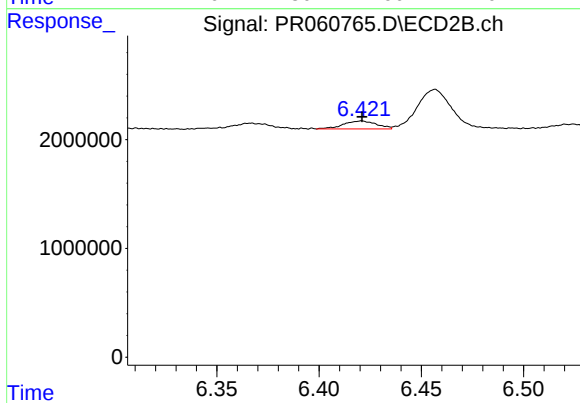
#33 AR-1260-3

R.T.: 5.914 min
Delta R.T.: -0.004 min
Response: 7576330
Conc: 26.99 ng/ml



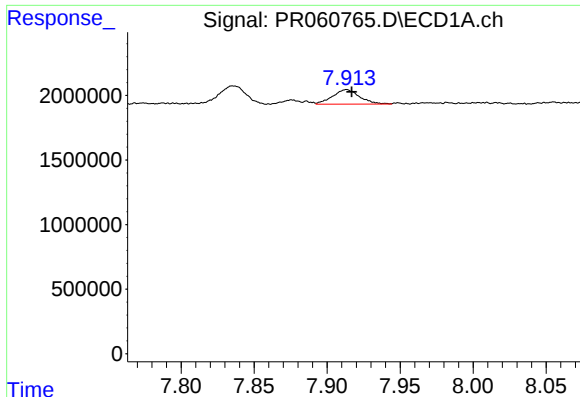
#34 AR-1260-4

R.T.: 7.554 min
Delta R.T.: -0.022 min
Response: 4252567
Conc: 26.01 ng/ml



#34 AR-1260-4

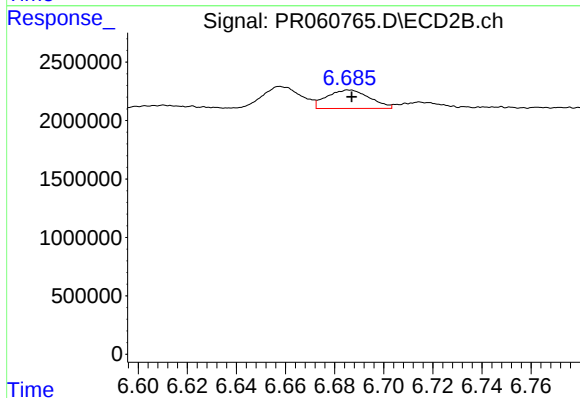
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 810667
Conc: 3.37 ng/ml



#35 AR-1260-5

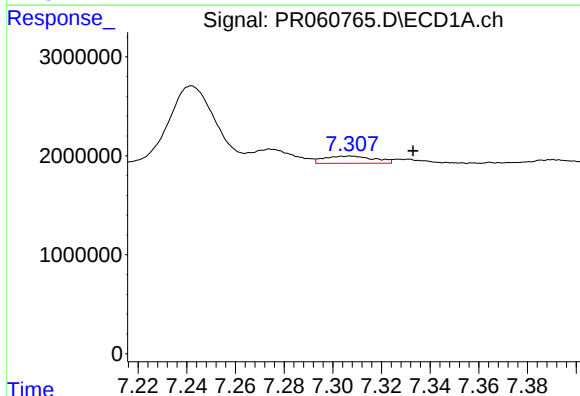
R.T.: 7.913 min
Delta R.T.: -0.004 min
Response: 1450785
Conc: 4.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



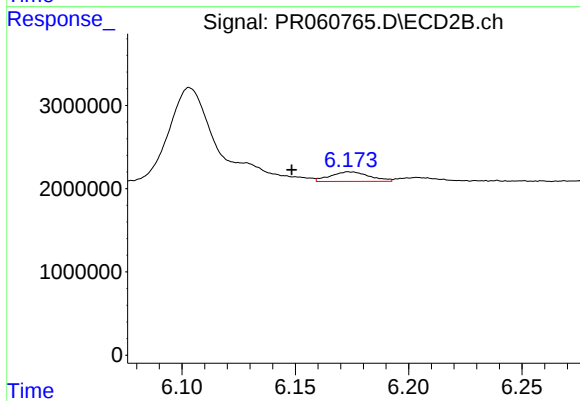
#35 AR-1260-5

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 1912444
Conc: 3.28 ng/ml



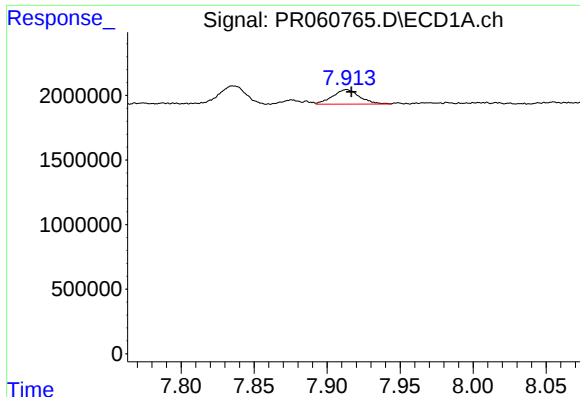
#36 AR-1262-1

R.T.: 7.307 min
Delta R.T.: -0.026 min
Response: 1035580
Conc: 5.48 ng/ml



#36 AR-1262-1

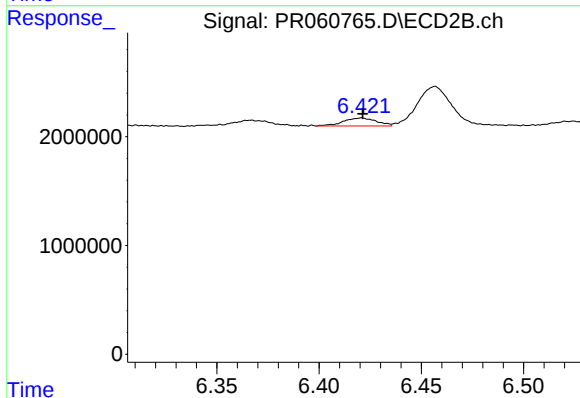
R.T.: 6.174 min
Delta R.T.: 0.026 min
Response: 1379327
Conc: 4.37 ng/ml



#37 AR-1262-2

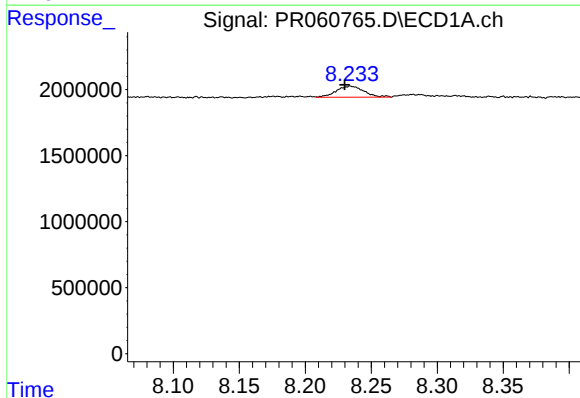
R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 1450785
Conc: 4.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



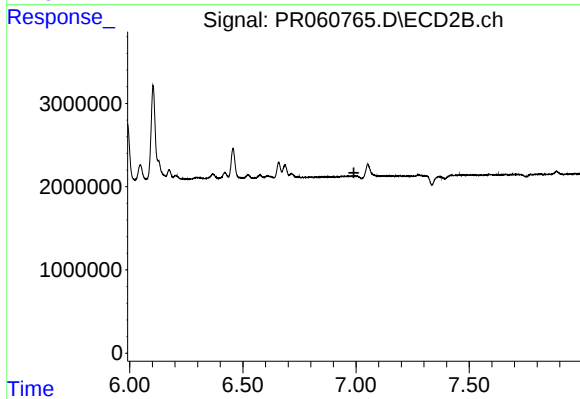
#37 AR-1262-2

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 810667
Conc: 2.81 ng/ml



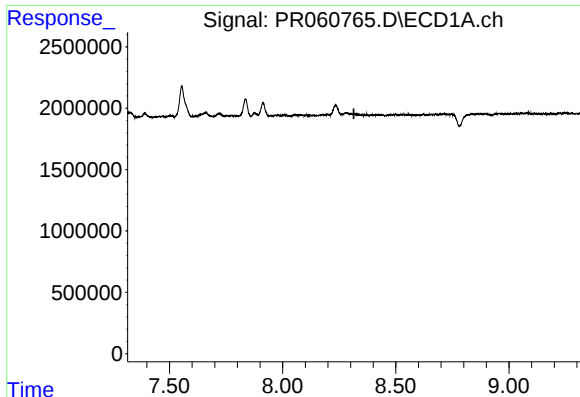
#38 AR-1262-3

R.T.: 8.234 min
Delta R.T.: 0.005 min
Response: 1231751
Conc: 5.35 ng/ml



#38 AR-1262-3

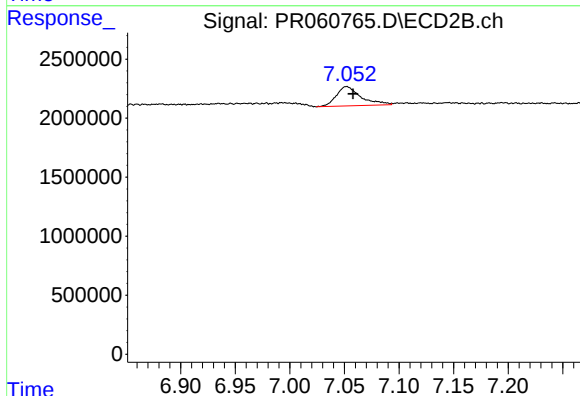
R.T.: 0.000 min
Exp R.T. : 6.991 min
Response: 0
Conc: N.D.



#39 AR-1262-4

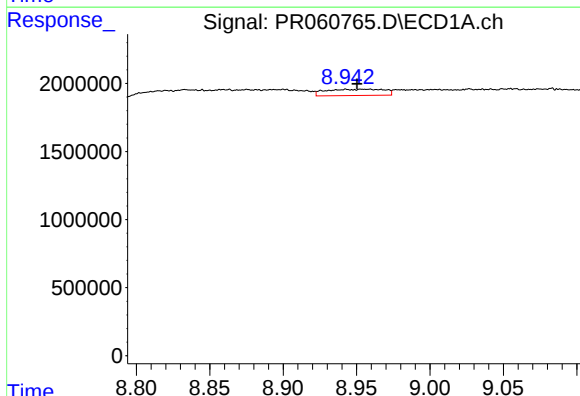
R.T.: 0.000 min
Exp R.T.: 8.315 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



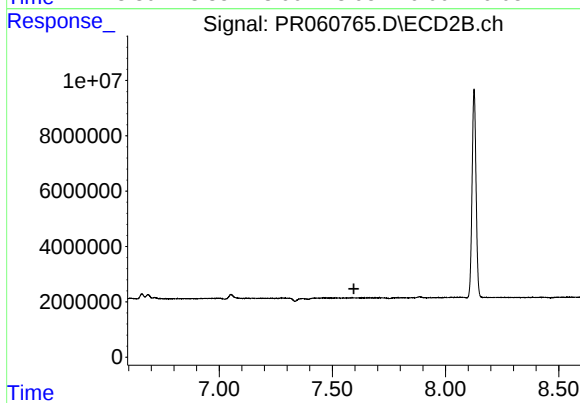
#39 AR-1262-4

R.T.: 7.052 min
Delta R.T.: -0.006 min
Response: 2559574
Conc: 5.95 ng/ml



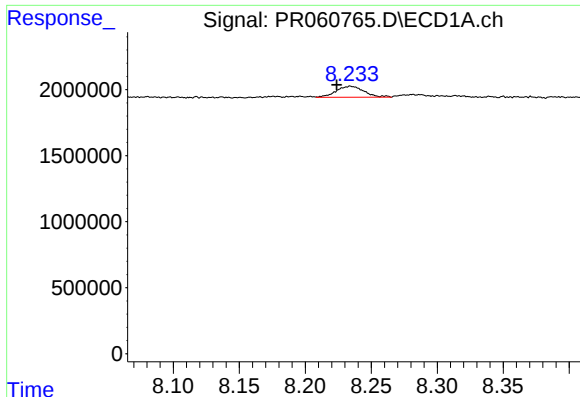
#40 AR-1262-5

R.T.: 8.943 min
Delta R.T.: -0.007 min
Response: 1274187
Conc: 10.17 ng/ml



#40 AR-1262-5

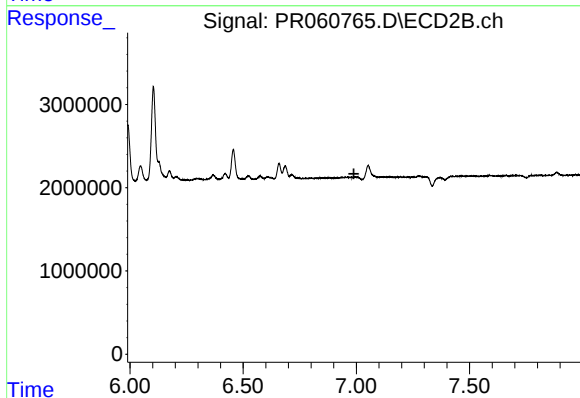
R.T.: 0.000 min
Exp R.T.: 7.595 min
Response: 0
Conc: N.D.



#41 AR-1268-1

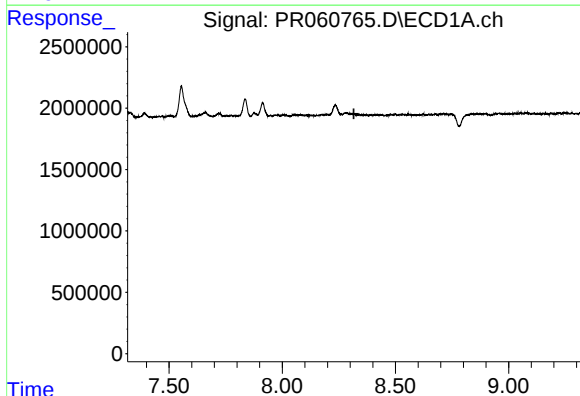
R.T.: 8.234 min
Delta R.T.: 0.011 min
Response: 1231751
Conc: 2.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



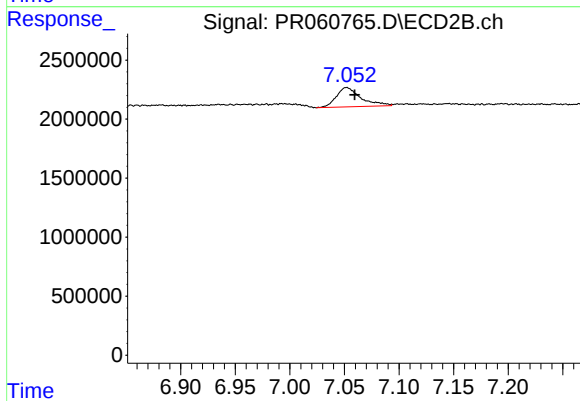
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.989 min
Response: 0
Conc: N.D.



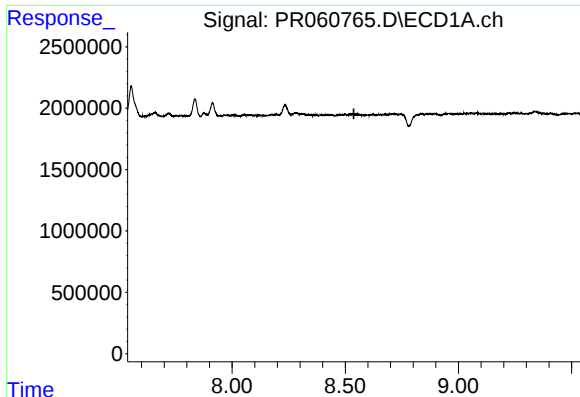
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.317 min
Response: 0
Conc: N.D.



#42 AR-1268-2

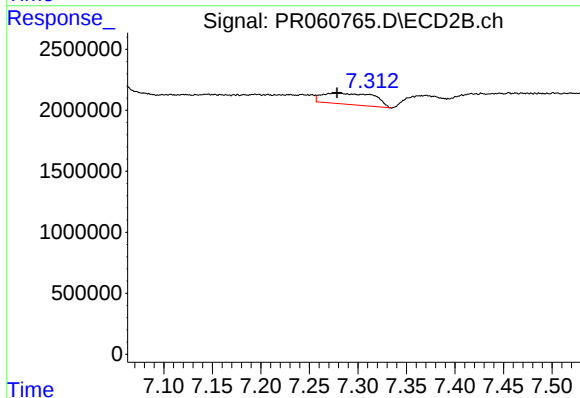
R.T.: 7.052 min
Delta R.T.: -0.007 min
Response: 2559574
Conc: 3.83 ng/ml



#43 AR-1268-3

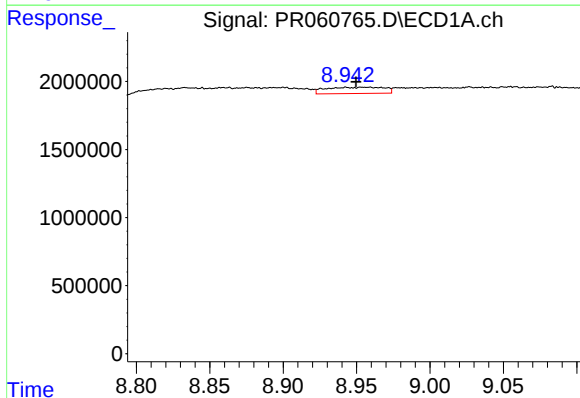
R.T.: 0.000 min
Exp R.T.: 8.538 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



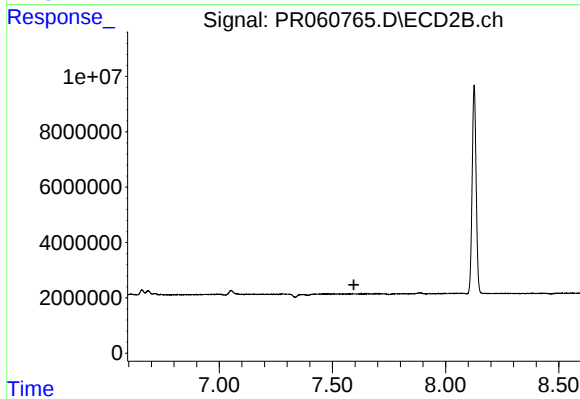
#43 AR-1268-3

R.T.: 7.277 min
Delta R.T.: -0.001 min
Response: 3413580
Conc: 6.01 ng/ml



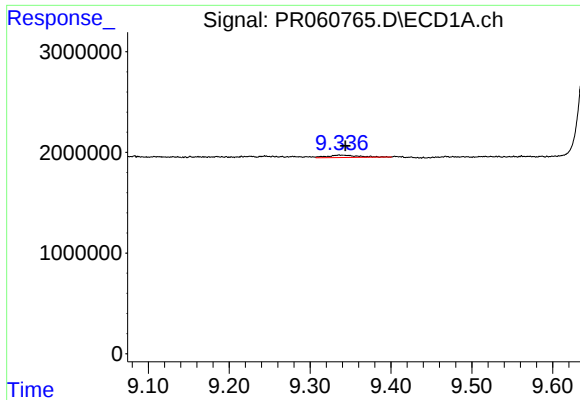
#44 AR-1268-4

R.T.: 8.943 min
Delta R.T.: -0.007 min
Response: 1274187
Conc: 8.87 ng/ml



#44 AR-1268-4

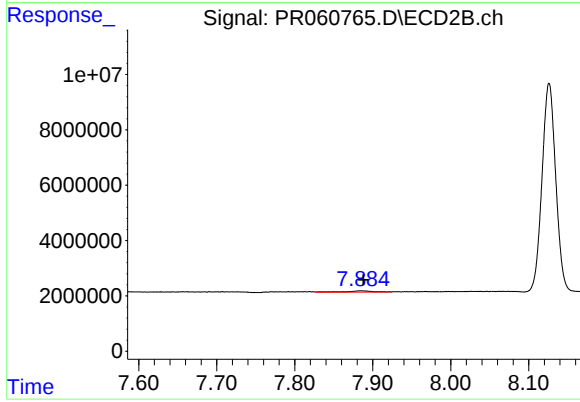
R.T.: 0.000 min
Exp R.T.: 7.595 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.337 min
Delta R.T.: -0.006 min
Response: 647499
Conc: 0.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.885 min
Delta R.T.: -0.003 min
Response: 1088395
Conc: 0.58 ng/ml