

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060752.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 01:22
 Operator : AJ\MA
 Sample : 02213-07
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:07:38 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	65437669	83619101	21.434	19.648
2)	SA Decachlor...	9.657	8.126	65913774	91431295	23.236	21.032
Target Compounds							
3)	L1 AR-1016-1	4.923	4.009	4398138	4799789	39.729	32.460
4)	L1 AR-1016-2	4.945	4.027	6181071	6773791	39.715	31.933
5)	L1 AR-1016-3	5.010	4.204	4076122	3537207	41.778	32.099
6)	L1 AR-1016-4	5.112	4.255	2884255	2846633	37.064	33.300
7)	L1 AR-1016-5	5.431	4.470	3126389	3825485	39.309	33.496
8)	L2 AR-1221-1	3.908	3.122	773177	593317	19.516	12.492 #
9)	L2 AR-1221-2	4.002	3.203	1402888	1656752	48.317	46.703
10)	L2 AR-1221-3	4.079	3.285	2612336	2811160	29.219	24.841
11)	L3 AR-1232-1	4.079	3.285	2612336	2811160	35.092	30.133
12)	L3 AR-1232-2	4.635	4.027	3136255	6773791	86.272	74.068
13)	L3 AR-1232-3	4.945	4.204	6181071	3537207	87.723	76.352
14)	L3 AR-1232-4	5.112	4.296	2884255	3622195	83.618	88.725
15)	L3 AR-1232-5	5.217	4.470	2532751	3825485	96.644	81.415
16)	L4 AR-1242-1	4.923	4.009	4398138	4799789	49.840	41.326
17)	L4 AR-1242-2	4.945	4.027	6181071	6773791	49.825	40.625
18)	L4 AR-1242-3	5.010	4.204	4076122	3537207	52.170	41.228
19)	L4 AR-1242-4	5.112	4.296	2884255	3622195	46.056	44.784
20)	L4 AR-1242-5	5.907	4.838	3504501	4610826	50.617	42.802
21)	L5 AR-1248-1	4.923	4.009	4398138	4799789	66.184	55.821
22)	L5 AR-1248-2	5.217	4.255	2532751	2846633	28.525	23.674
23)	L5 AR-1248-3	5.431	4.296	3126389	3622195	29.695	29.715
24)	L5 AR-1248-4	5.868	4.470	3180557	3825485	26.454	25.344
25)	L5 AR-1248-5	5.907	4.880	3504501	3924338	29.604	25.532
26)	L6 AR-1254-1	5.836	4.838	2450346	4610826	20.345	19.071
27)	L6 AR-1254-2	6.077	4.996	2982947	905084	15.646	4.332 #
28)	L6 AR-1254-3	6.473	5.415	1489723	1621744	7.260	4.660 #
29)	L6 AR-1254-4	6.785	5.661	1183503	1379638	7.602	6.257
30)	L6 AR-1254-5	7.245	6.104	895857	822500	5.325	2.566 #
31)	L7 AR-1260-1	0.000	5.563	0	1058424	N.D.	4.318 #
32)	L7 AR-1260-2	6.928	5.765	684479	250467	3.547	0.806 #
33)	L7 AR-1260-3	0.000	5.925	0	806788	N.D.	2.874 #
34)	L7 AR-1260-4	7.560f	0.000	257893	0	1.577	N.D. #
35)	L7 AR-1260-5	7.901f	6.693	175765	140072	0.556	0.241 #
36)	L8 AR-1262-1	0.000	6.174f	0	163383	N.D.	0.518 #
37)	L8 AR-1262-2	7.901f	0.000	175765	0	0.522	N.D. #
39)	L8 AR-1262-4	8.300	7.051	112903	-99317	0.642	N.D. #
40)	L8 AR-1262-5	8.952	0.000	225117	0	1.797	N.D. #
42)	L9 AR-1268-2	8.300f	7.051	112903	-99317	0.300	N.D. #
43)	L9 AR-1268-3	0.000	7.281	0	1626872	N.D.	2.862 #

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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	8.952	0.000	225117	0	1.567	N.D. #
45) L9	AR-1268-5	9.342	7.885	276200	665022	0.261	0.354 #

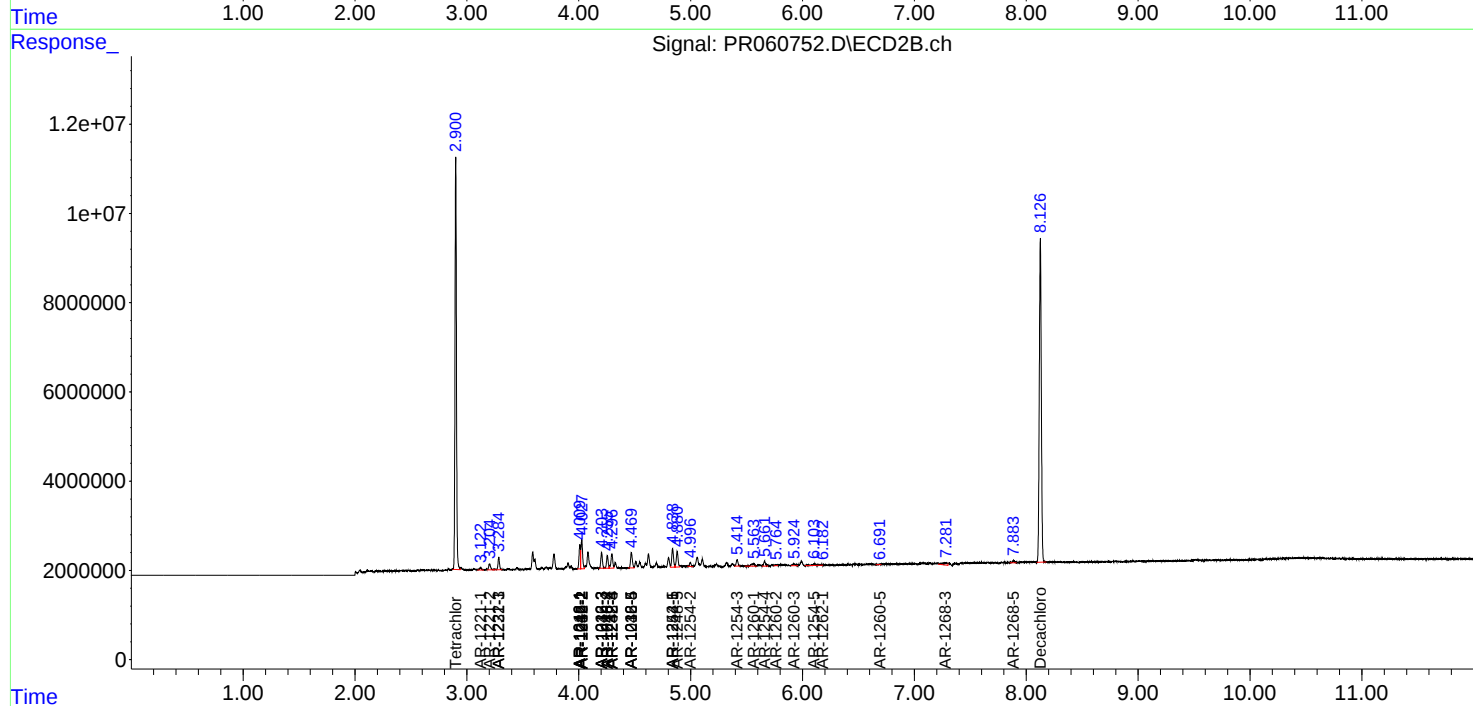
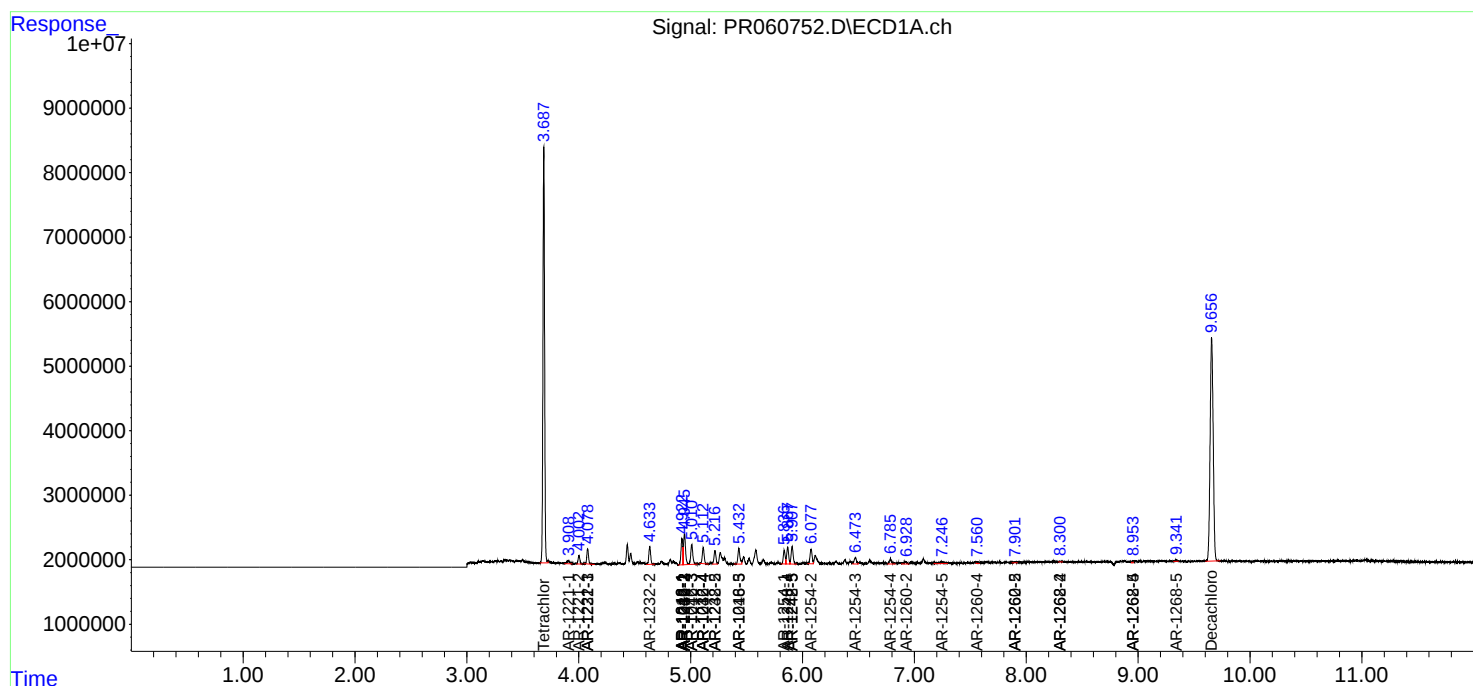
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

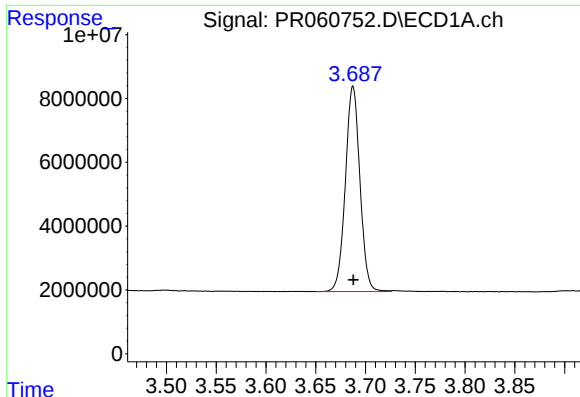
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

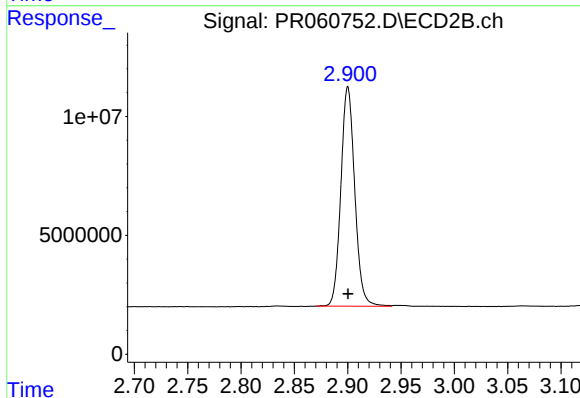




#1 Tetrachloro-m-xylene

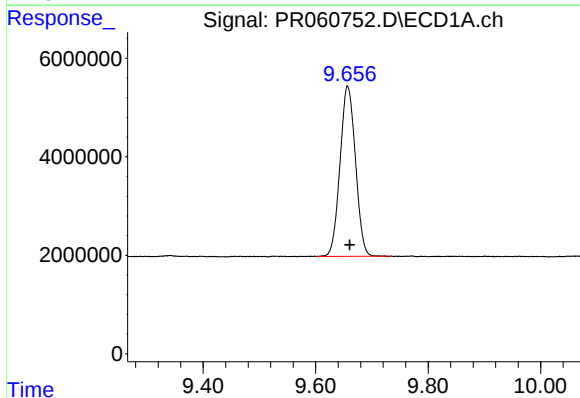
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 65437669
Conc: 21.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



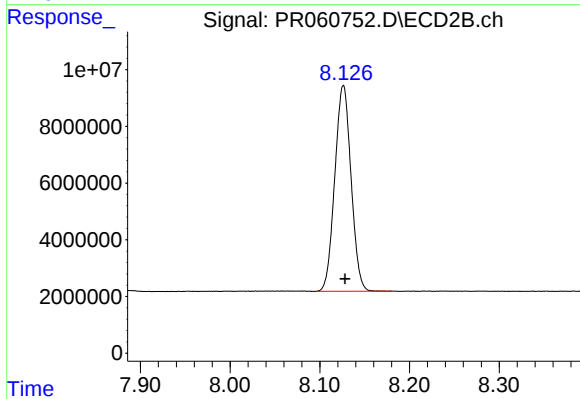
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 83619101
Conc: 19.65 ng/ml



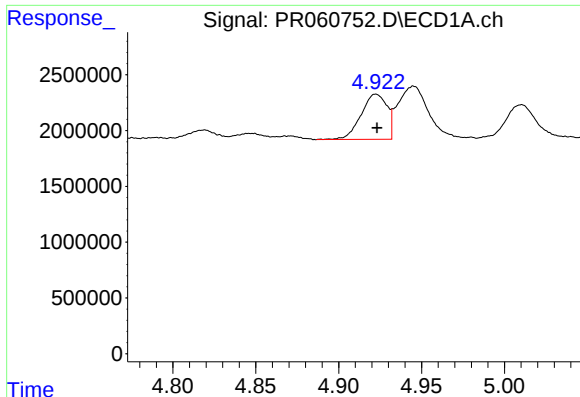
#2 Decachlorobiphenyl

R.T.: 9.657 min
Delta R.T.: -0.004 min
Response: 65913774
Conc: 23.24 ng/ml



#2 Decachlorobiphenyl

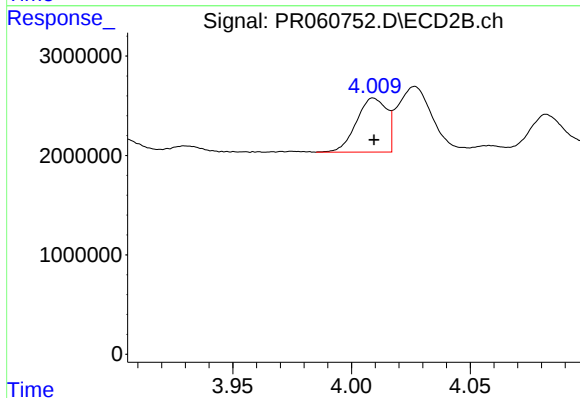
R.T.: 8.126 min
Delta R.T.: -0.002 min
Response: 91431295
Conc: 21.03 ng/ml



#3 AR-1016-1

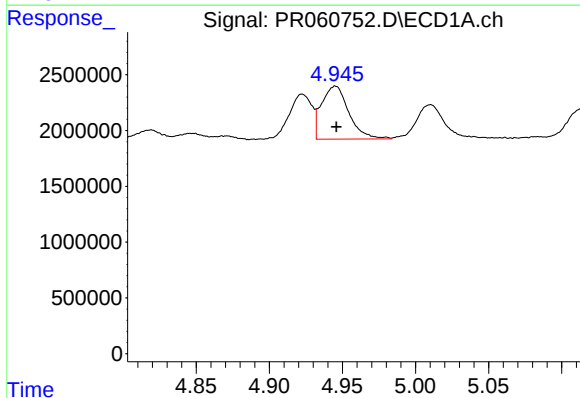
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 4398138
Conc: 39.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



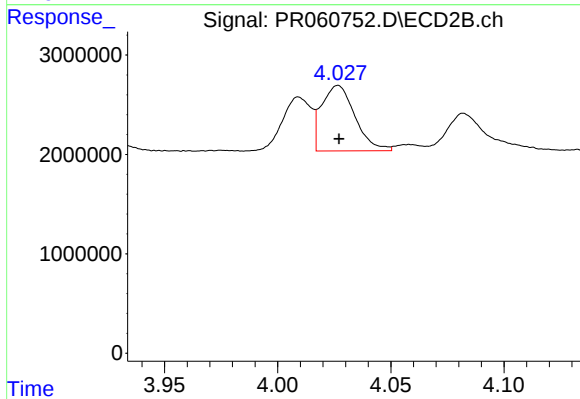
#3 AR-1016-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 4799789
Conc: 32.46 ng/ml



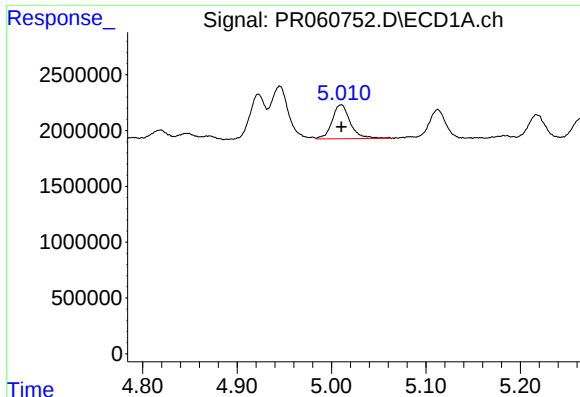
#4 AR-1016-2

R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 6181071
Conc: 39.72 ng/ml



#4 AR-1016-2

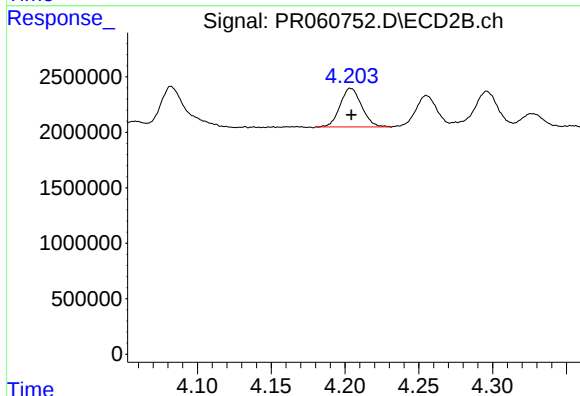
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 6773791
Conc: 31.93 ng/ml



#5 AR-1016-3

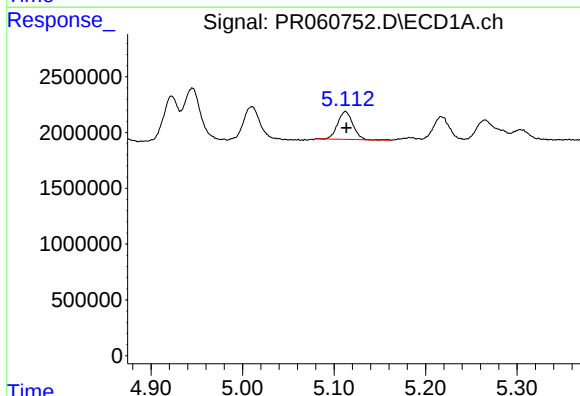
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 4076122
Conc: 41.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



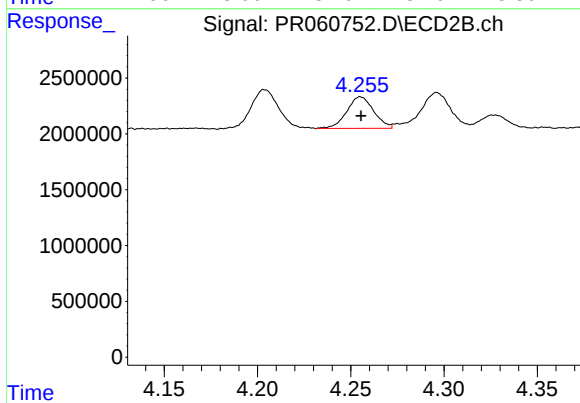
#5 AR-1016-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 3537207
Conc: 32.10 ng/ml



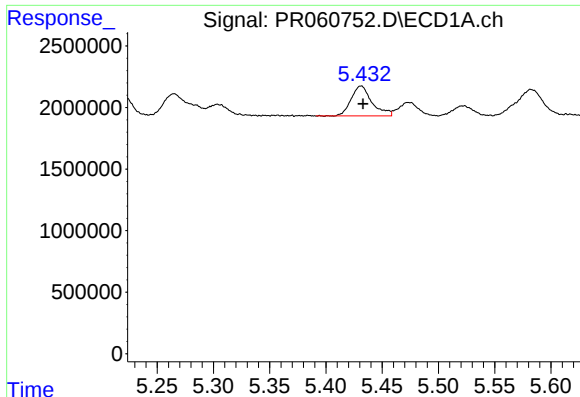
#6 AR-1016-4

R.T.: 5.112 min
Delta R.T.: -0.001 min
Response: 2884255
Conc: 37.06 ng/ml



#6 AR-1016-4

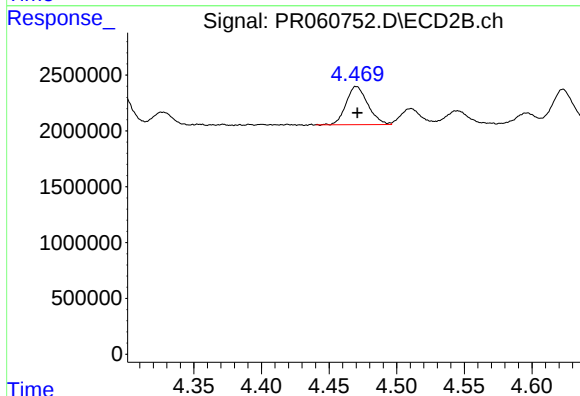
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2846633
Conc: 33.30 ng/ml



#7 AR-1016-5

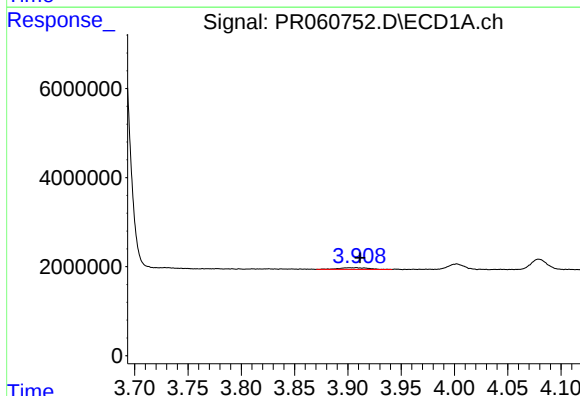
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 3126389
Conc: 39.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



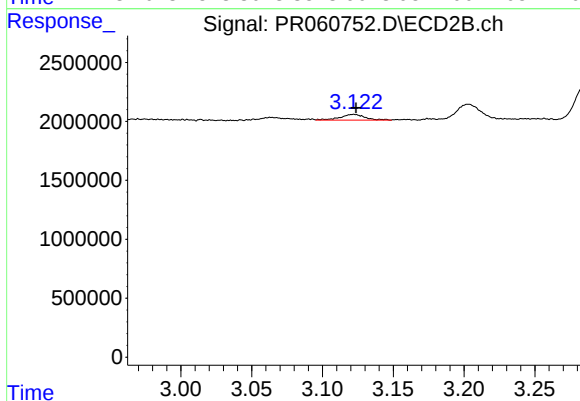
#7 AR-1016-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 3825485
Conc: 33.50 ng/ml



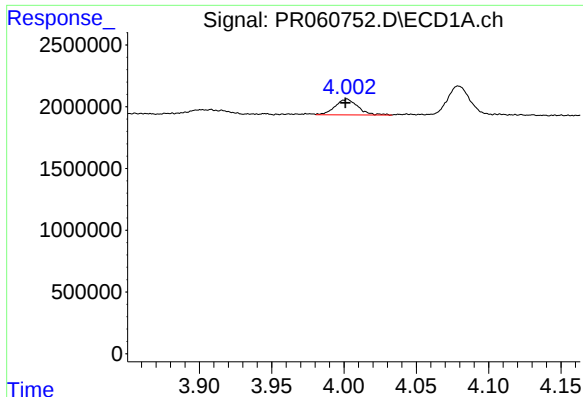
#8 AR-1221-1

R.T.: 3.908 min
Delta R.T.: -0.004 min
Response: 773177
Conc: 19.52 ng/ml



#8 AR-1221-1

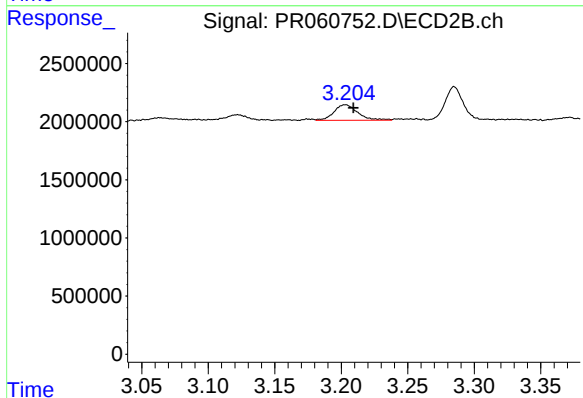
R.T.: 3.122 min
Delta R.T.: -0.002 min
Response: 593317
Conc: 12.49 ng/ml



#9 AR-1221-2

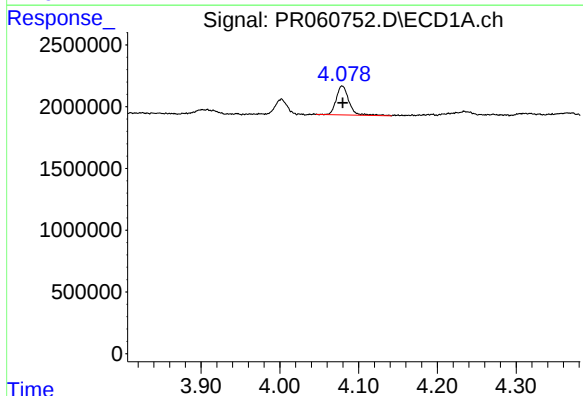
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 1402888
Conc: 48.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



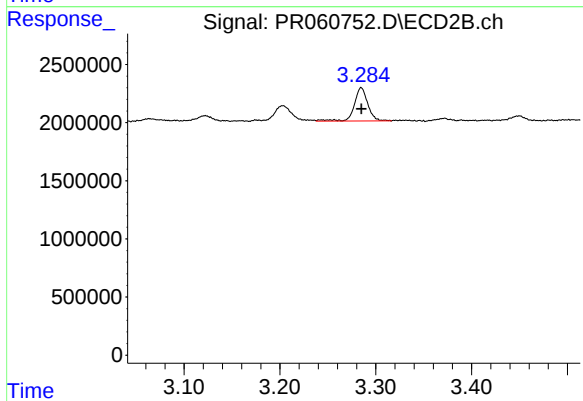
#9 AR-1221-2

R.T.: 3.203 min
Delta R.T.: -0.006 min
Response: 1656752
Conc: 46.70 ng/ml



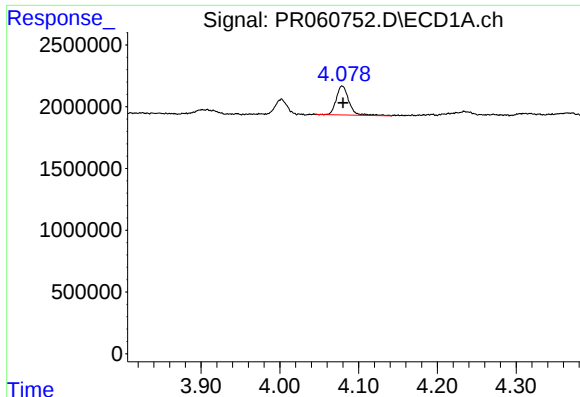
#10 AR-1221-3

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 2612336
Conc: 29.22 ng/ml



#10 AR-1221-3

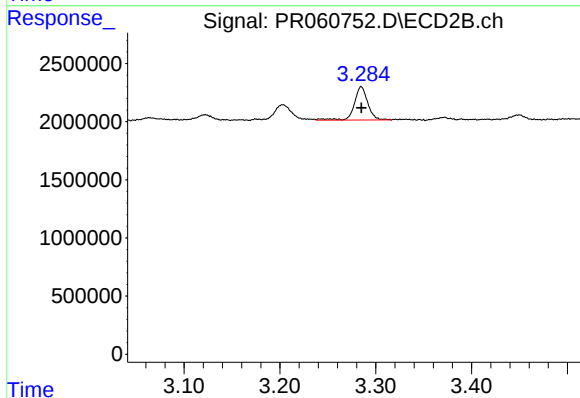
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 2811160
Conc: 24.84 ng/ml



#11 AR-1232-1

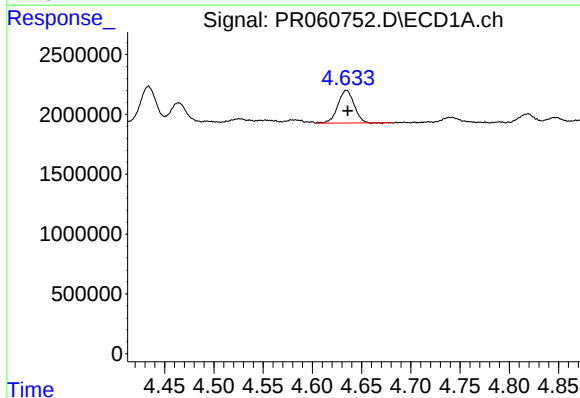
R.T.: 4.079 min
Delta R.T.: -0.001 min
Response: 2612336
Conc: 35.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



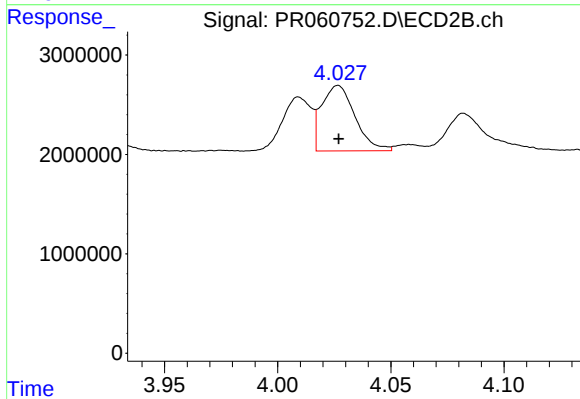
#11 AR-1232-1

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 2811160
Conc: 30.13 ng/ml



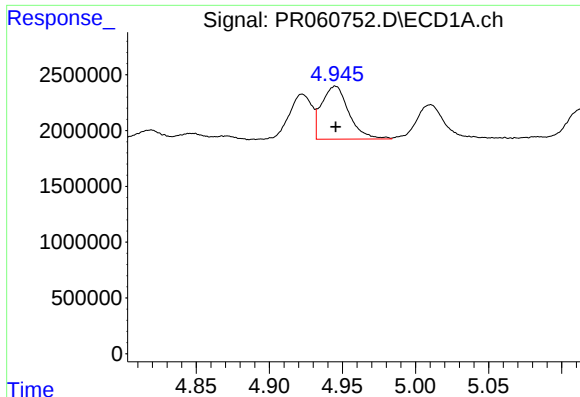
#12 AR-1232-2

R.T.: 4.635 min
Delta R.T.: -0.001 min
Response: 3136255
Conc: 86.27 ng/ml



#12 AR-1232-2

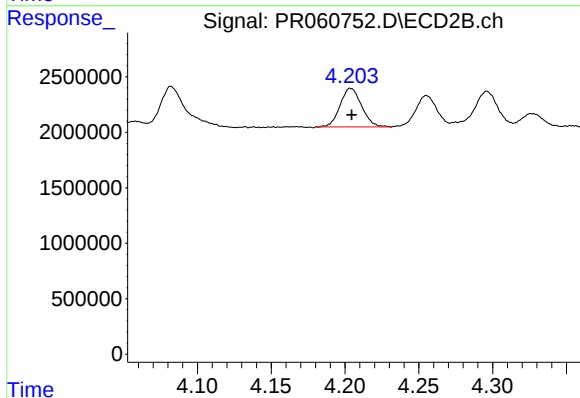
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 6773791
Conc: 74.07 ng/ml



#13 AR-1232-3

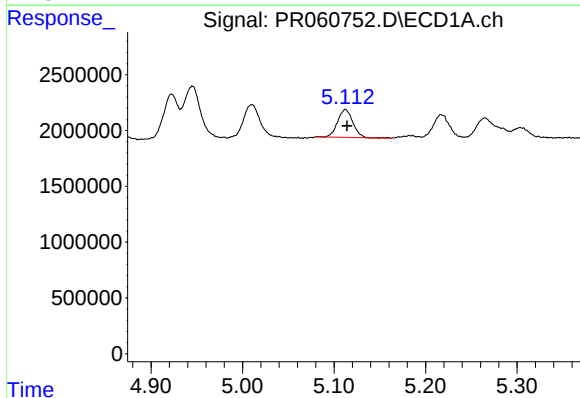
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 6181071
Conc: 87.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



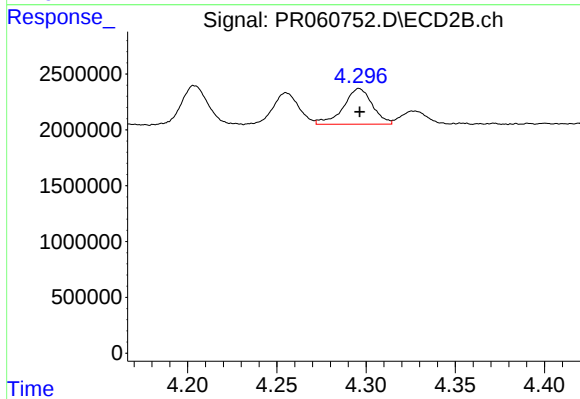
#13 AR-1232-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 3537207
Conc: 76.35 ng/ml



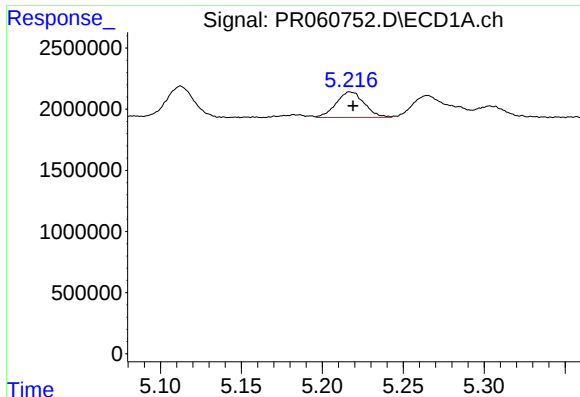
#14 AR-1232-4

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 2884255
Conc: 83.62 ng/ml



#14 AR-1232-4

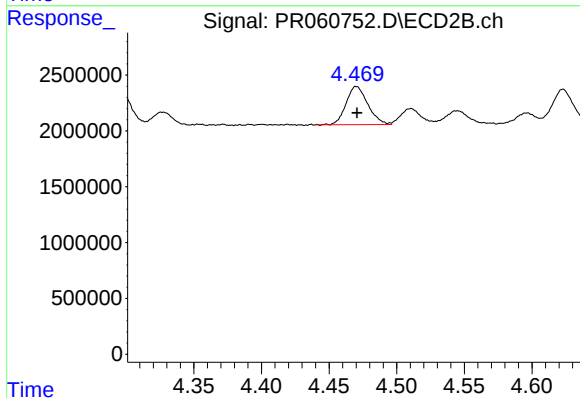
R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 3622195
Conc: 88.72 ng/ml



#15 AR-1232-5

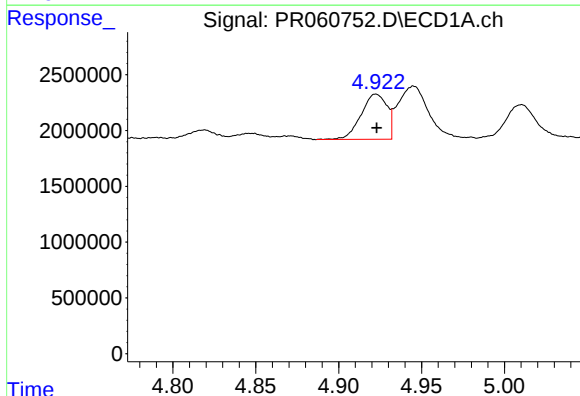
R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 2532751
Conc: 96.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



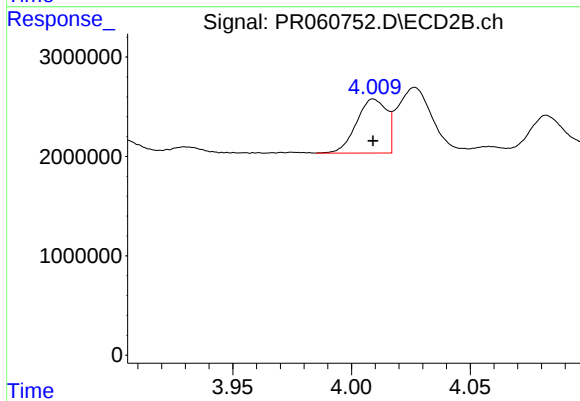
#15 AR-1232-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 3825485
Conc: 81.41 ng/ml



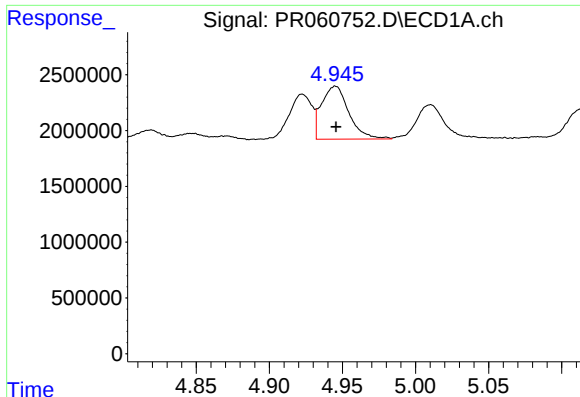
#16 AR-1242-1

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 4398138
Conc: 49.84 ng/ml



#16 AR-1242-1

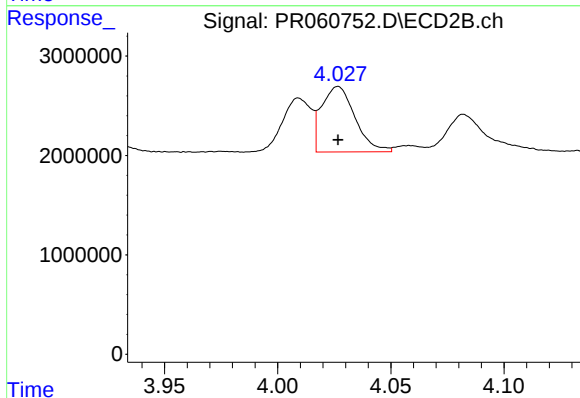
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 4799789
Conc: 41.33 ng/ml



#17 AR-1242-2

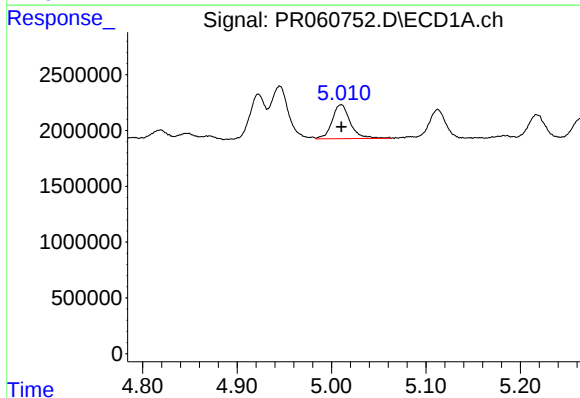
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 6181071
Conc: 49.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



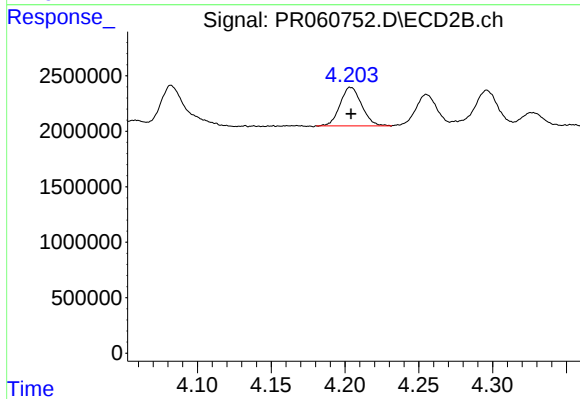
#17 AR-1242-2

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 6773791
Conc: 40.62 ng/ml



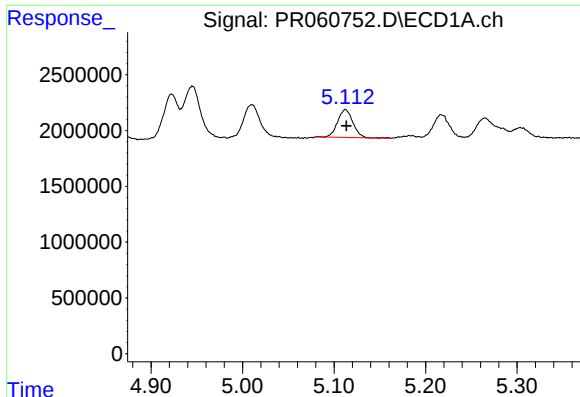
#18 AR-1242-3

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 4076122
Conc: 52.17 ng/ml



#18 AR-1242-3

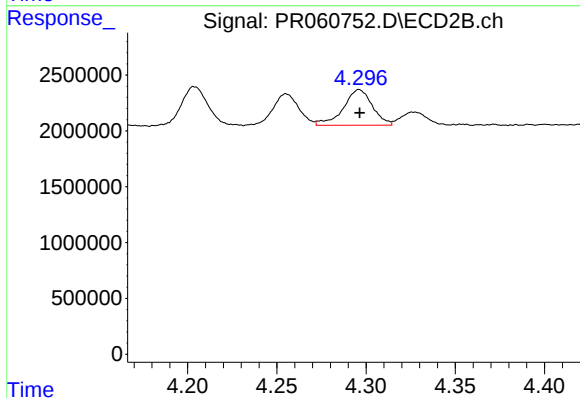
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 3537207
Conc: 41.23 ng/ml



#19 AR-1242-4

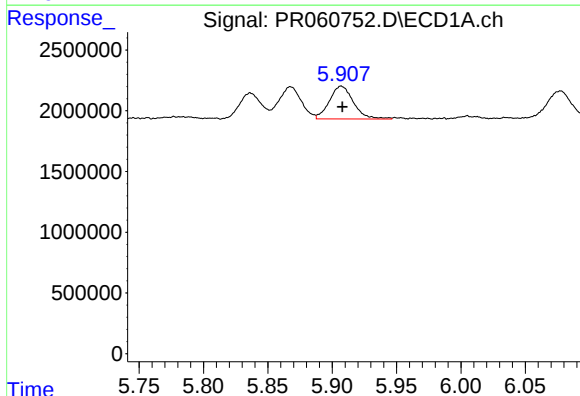
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 2884255
Conc: 46.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



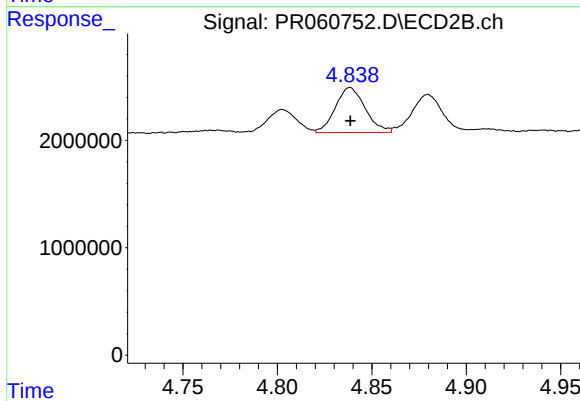
#19 AR-1242-4

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 3622195
Conc: 44.78 ng/ml



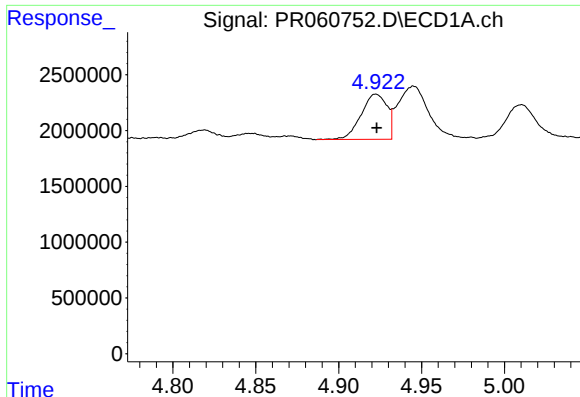
#20 AR-1242-5

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 3504501
Conc: 50.62 ng/ml



#20 AR-1242-5

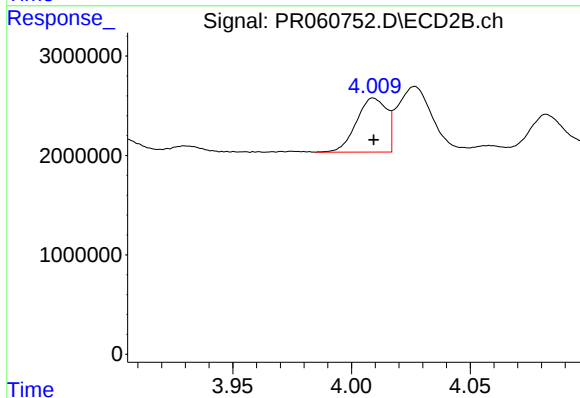
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 4610826
Conc: 42.80 ng/ml



#21 AR-1248-1

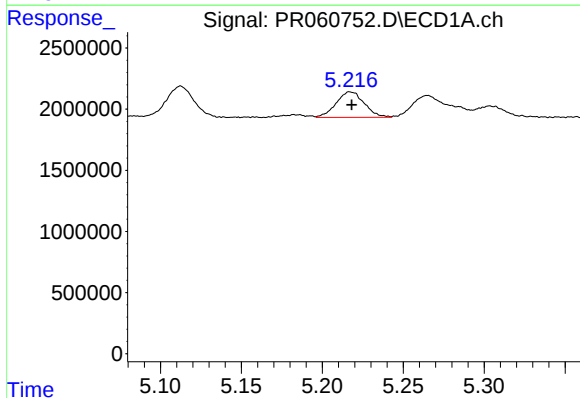
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 4398138
Conc: 66.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



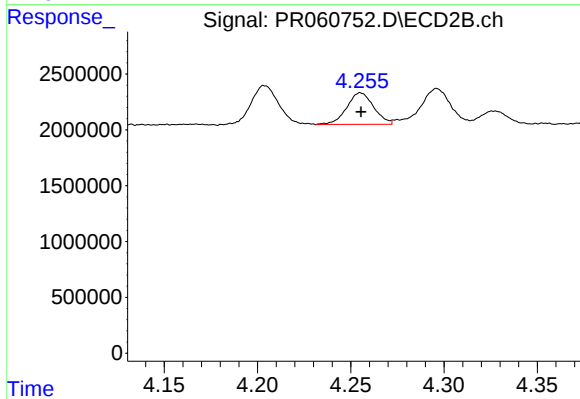
#21 AR-1248-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 4799789
Conc: 55.82 ng/ml



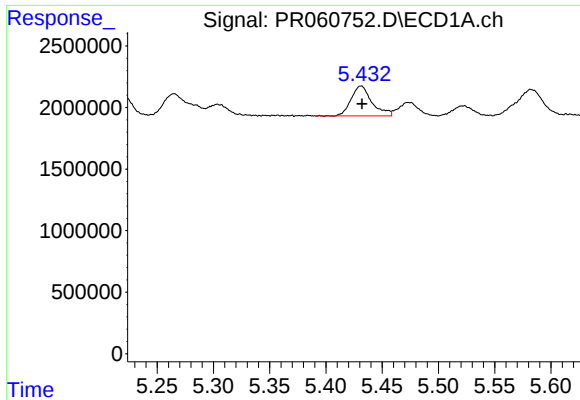
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: 0.000 min
Response: 2532751
Conc: 28.52 ng/ml



#22 AR-1248-2

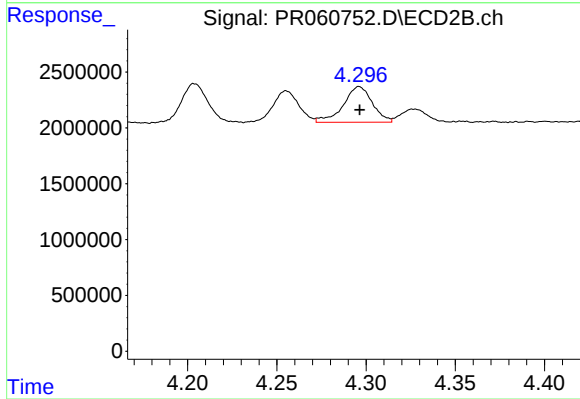
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2846633
Conc: 23.67 ng/ml



#23 AR-1248-3

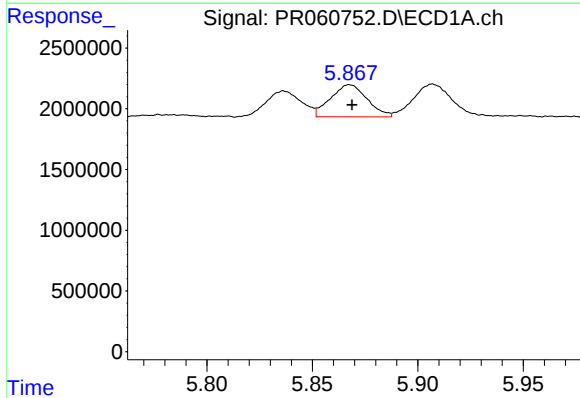
R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 3126389
Conc: 29.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



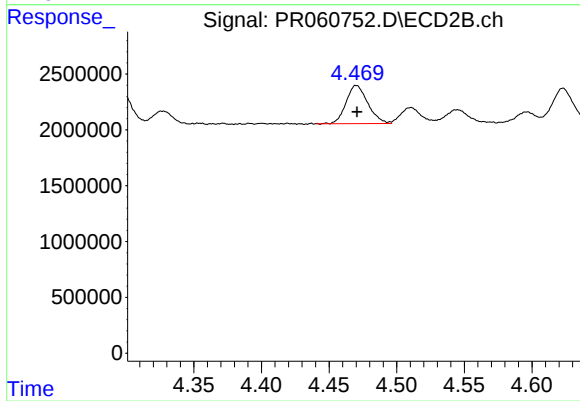
#23 AR-1248-3

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 3622195
Conc: 29.71 ng/ml



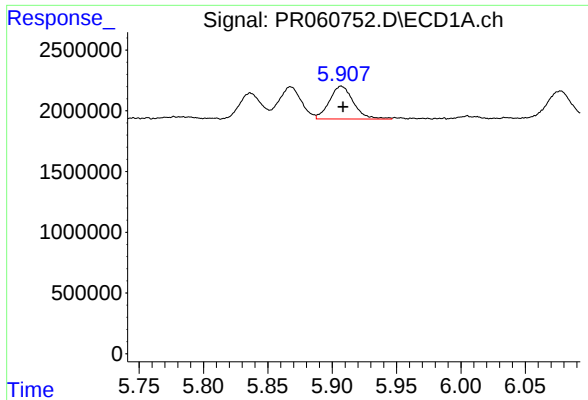
#24 AR-1248-4

R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 3180557
Conc: 26.45 ng/ml



#24 AR-1248-4

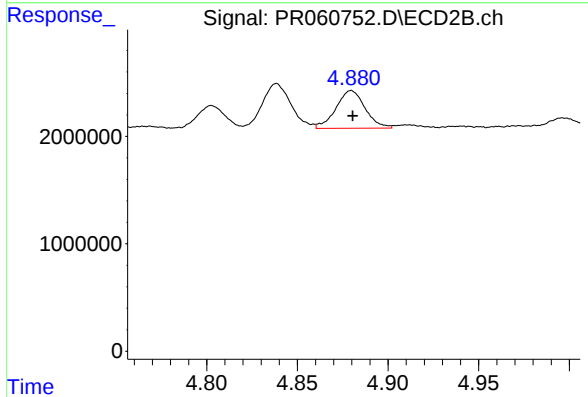
R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 3825485
Conc: 25.34 ng/ml



#25 AR-1248-5

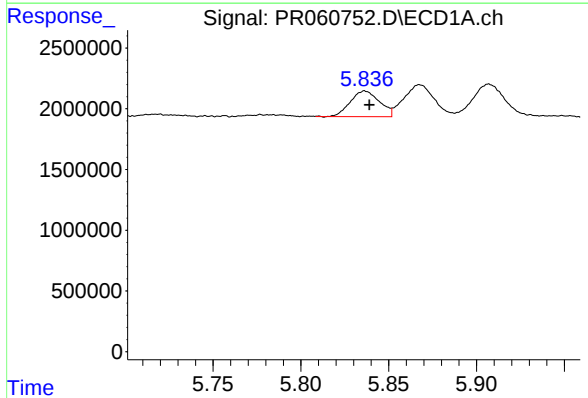
R.T.: 5.907 min
Delta R.T.: -0.001 min
Response: 3504501
Conc: 29.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



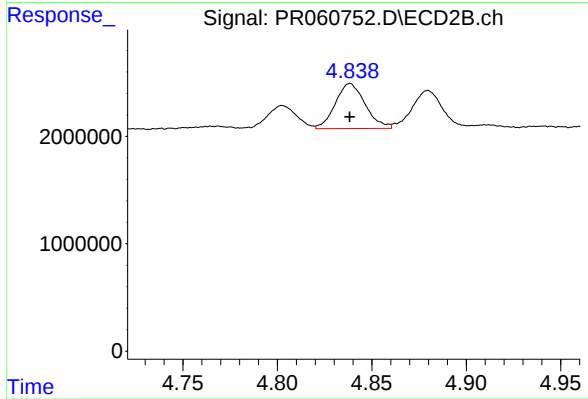
#25 AR-1248-5

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 3924338
Conc: 25.53 ng/ml



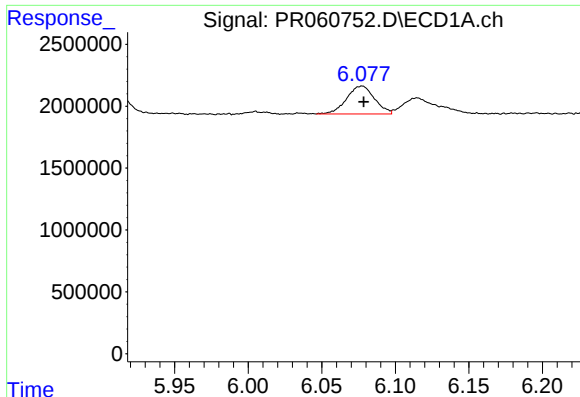
#26 AR-1254-1

R.T.: 5.836 min
Delta R.T.: -0.003 min
Response: 2450346
Conc: 20.34 ng/ml



#26 AR-1254-1

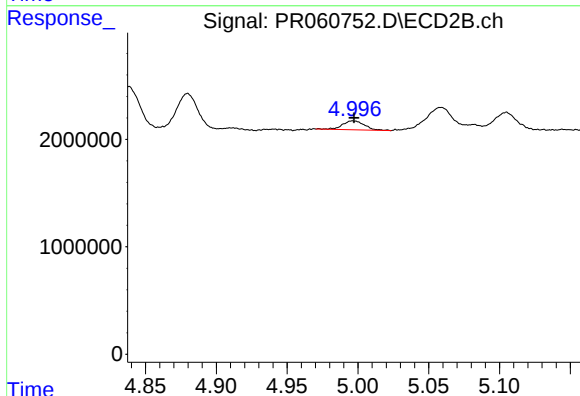
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 4610826
Conc: 19.07 ng/ml



#27 AR-1254-2

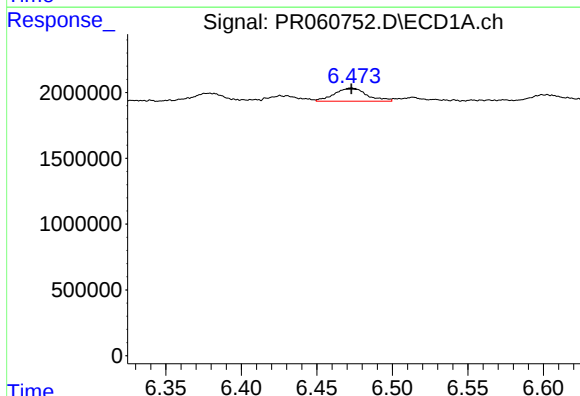
R.T.: 6.077 min
Delta R.T.: -0.001 min
Response: 2982947
Conc: 15.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



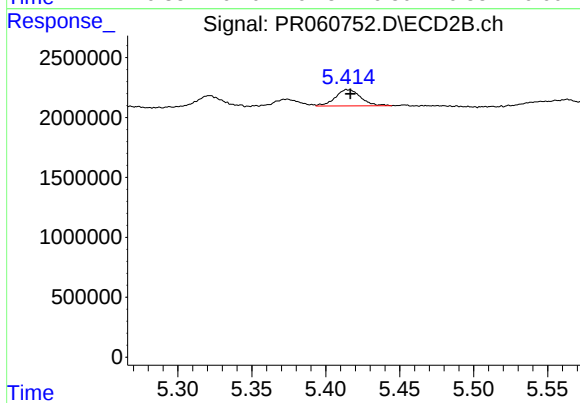
#27 AR-1254-2

R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 905084
Conc: 4.33 ng/ml



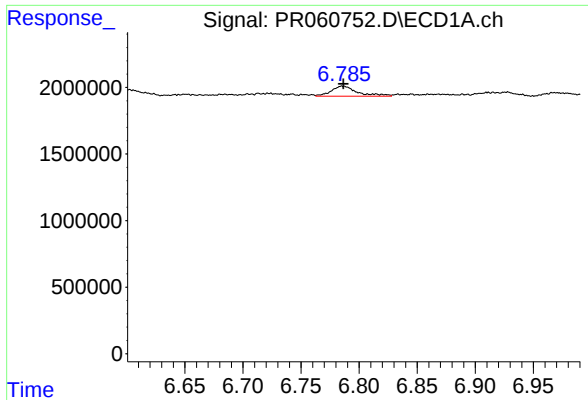
#28 AR-1254-3

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 1489723
Conc: 7.26 ng/ml



#28 AR-1254-3

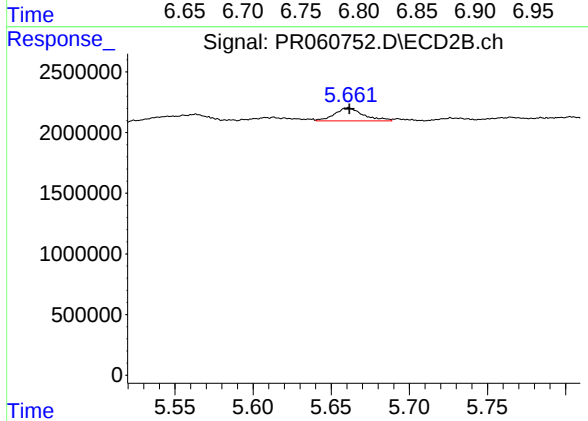
R.T.: 5.415 min
Delta R.T.: -0.002 min
Response: 1621744
Conc: 4.66 ng/ml



#29 AR-1254-4

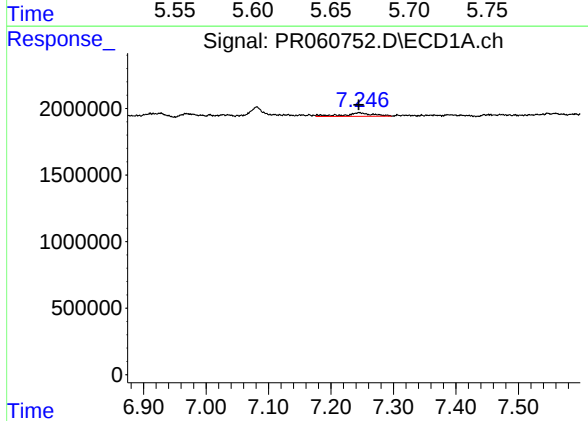
R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 1183503
Conc: 7.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



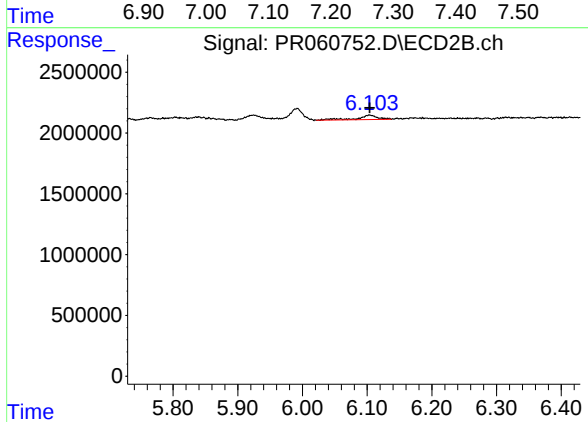
#29 AR-1254-4

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 1379638
Conc: 6.26 ng/ml



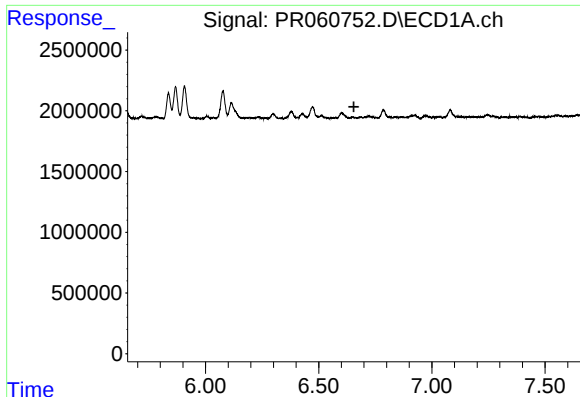
#30 AR-1254-5

R.T.: 7.245 min
Delta R.T.: 0.000 min
Response: 895857
Conc: 5.32 ng/ml



#30 AR-1254-5

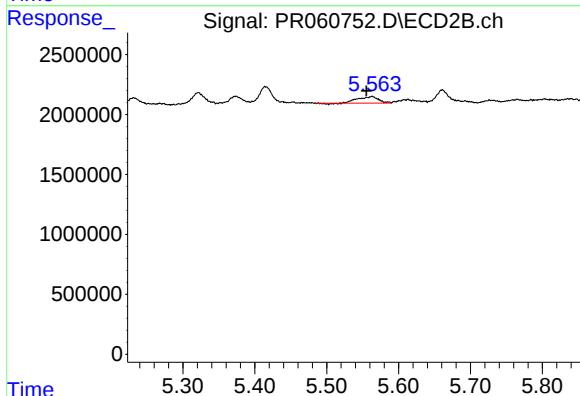
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 822500
Conc: 2.57 ng/ml



#31 AR-1260-1

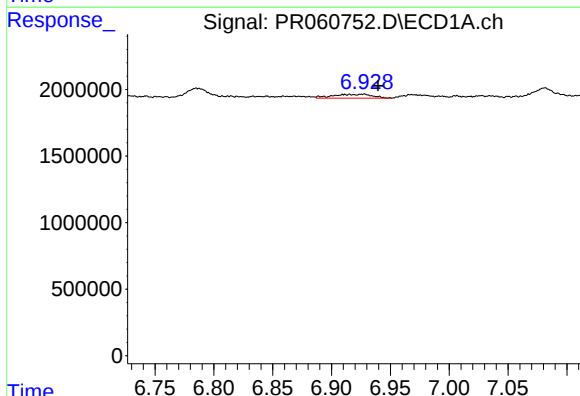
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



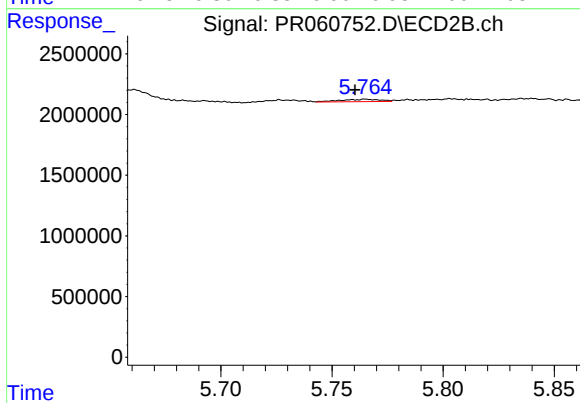
#31 AR-1260-1

R.T.: 5.563 min
Delta R.T.: 0.008 min
Response: 1058424
Conc: 4.32 ng/ml



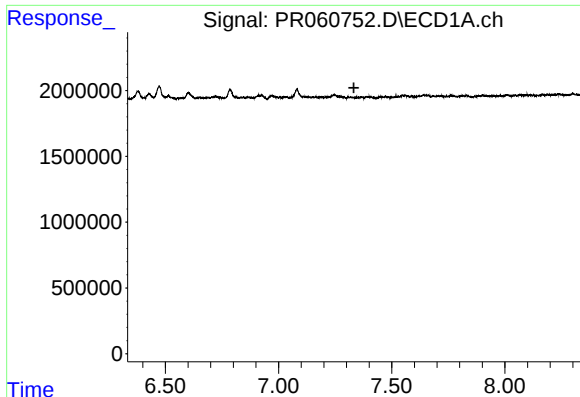
#32 AR-1260-2

R.T.: 6.928 min
Delta R.T.: -0.012 min
Response: 684479
Conc: 3.55 ng/ml



#32 AR-1260-2

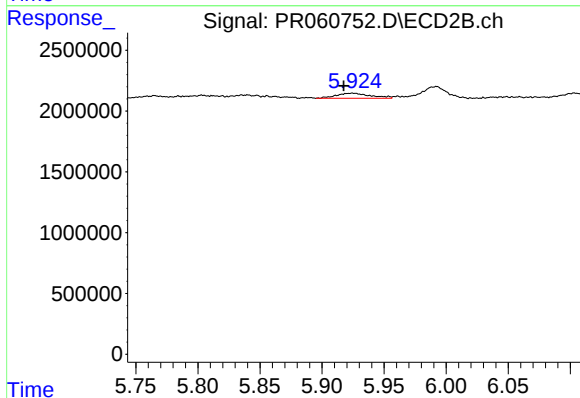
R.T.: 5.765 min
Delta R.T.: 0.005 min
Response: 250467
Conc: 0.81 ng/ml



#33 AR-1260-3

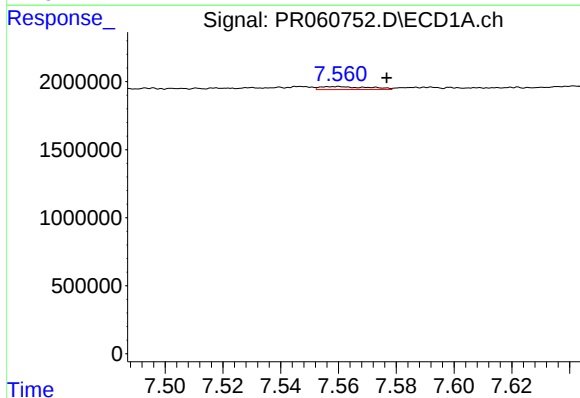
R.T.: 0.000 min
Exp R.T.: 7.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



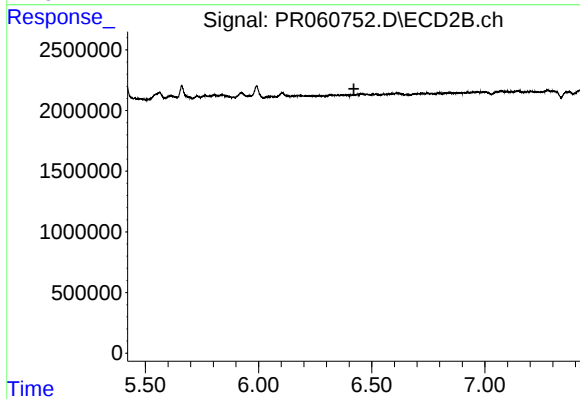
#33 AR-1260-3

R.T.: 5.925 min
Delta R.T.: 0.007 min
Response: 806788
Conc: 2.87 ng/ml



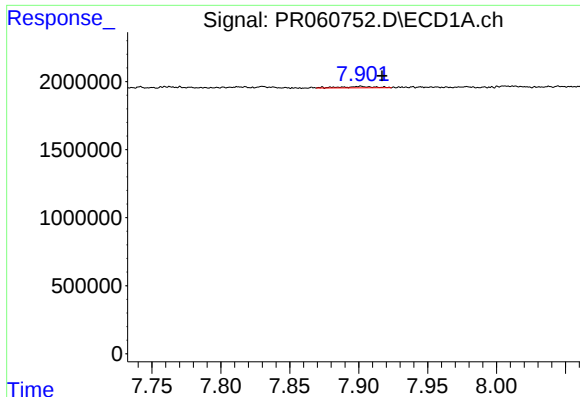
#34 AR-1260-4

R.T.: 7.560 min
Delta R.T.: -0.017 min
Response: 257893
Conc: 1.58 ng/ml



#34 AR-1260-4

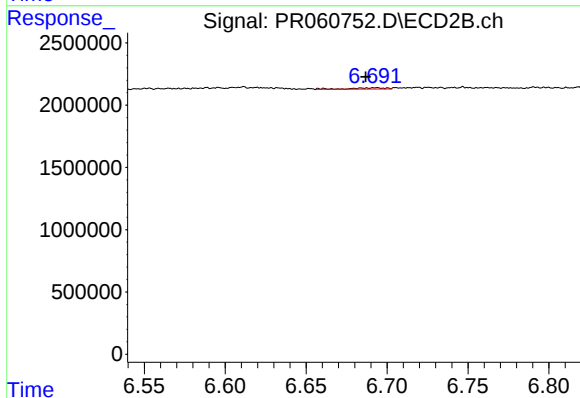
R.T.: 0.000 min
Exp R.T.: 6.421 min
Response: 0
Conc: N.D.



#35 AR-1260-5

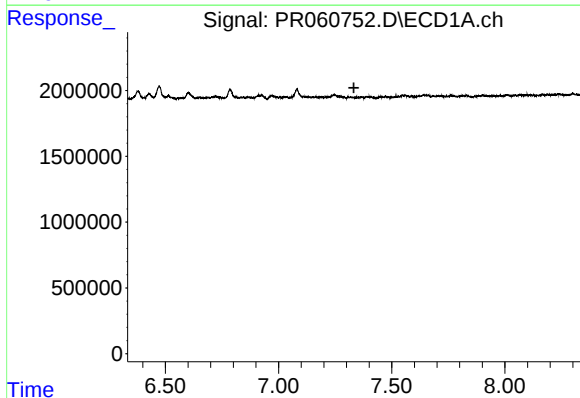
R.T.: 7.901 min
Delta R.T.: -0.016 min
Response: 175765
Conc: 0.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



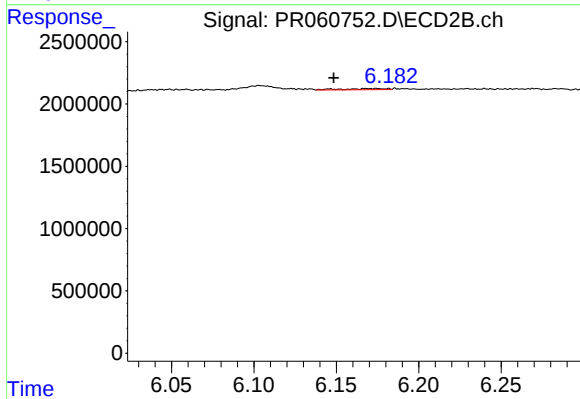
#35 AR-1260-5

R.T.: 6.693 min
Delta R.T.: 0.006 min
Response: 140072
Conc: 0.24 ng/ml



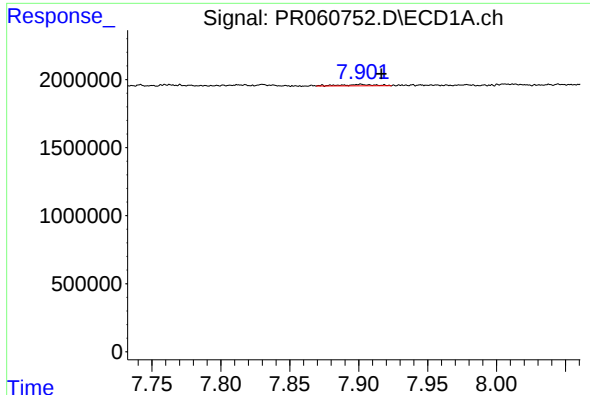
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.333 min
Response: 0
Conc: N.D.



#36 AR-1262-1

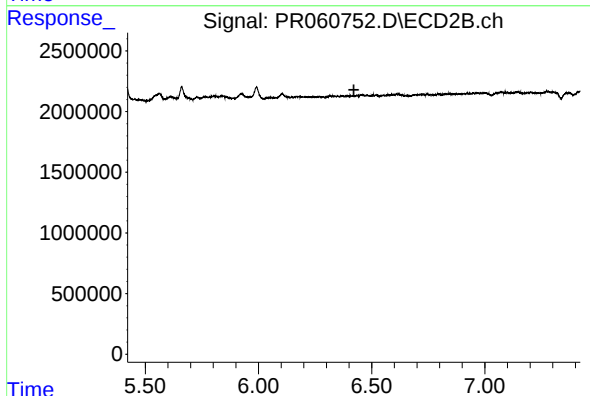
R.T.: 6.174 min
Delta R.T.: 0.026 min
Response: 163383
Conc: 0.52 ng/ml



#37 AR-1262-2

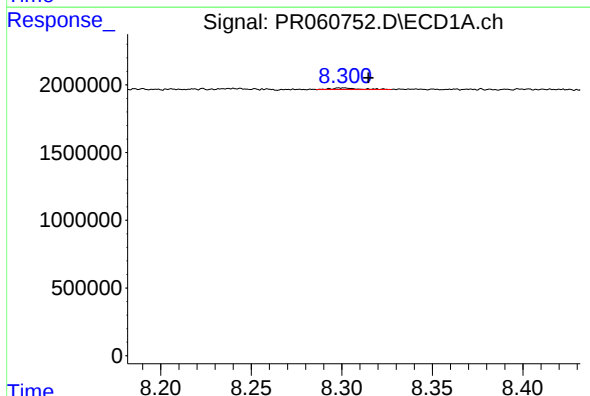
R.T.: 7.901 min
Delta R.T.: -0.015 min
Response: 175765
Conc: 0.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



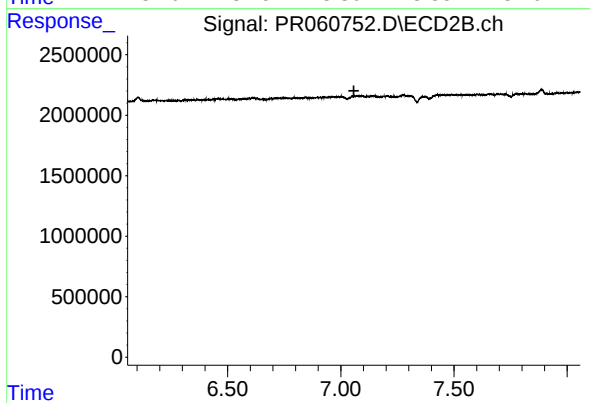
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.421 min
Response: 0
Conc: N.D.



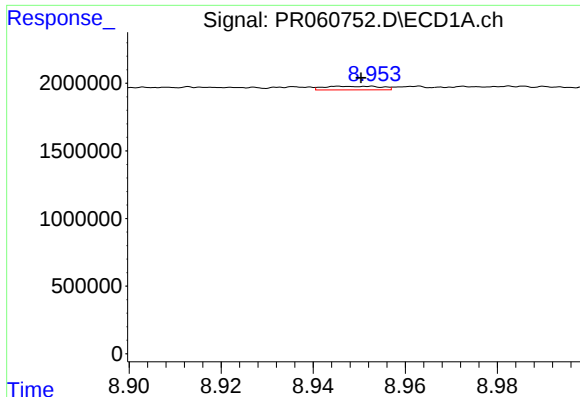
#39 AR-1262-4

R.T.: 8.300 min
Delta R.T.: -0.014 min
Response: 112903
Conc: 0.64 ng/ml



#39 AR-1262-4

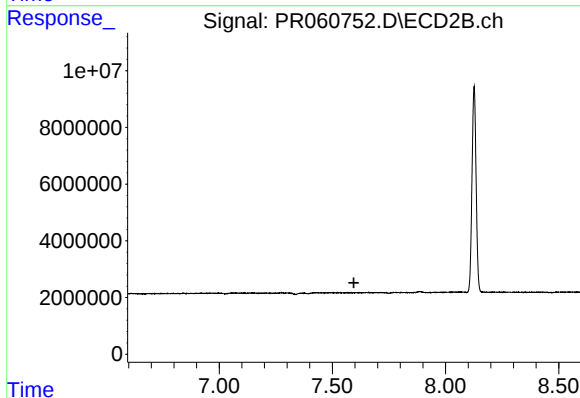
R.T.: 7.051 min
Delta R.T.: -0.007 min
Response: -99317
Conc: N.D.



#40 AR-1262-5

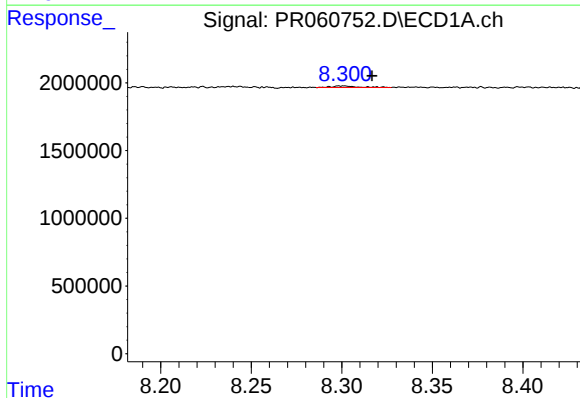
R.T.: 8.952 min
Delta R.T.: 0.001 min
Response: 225117
Conc: 1.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



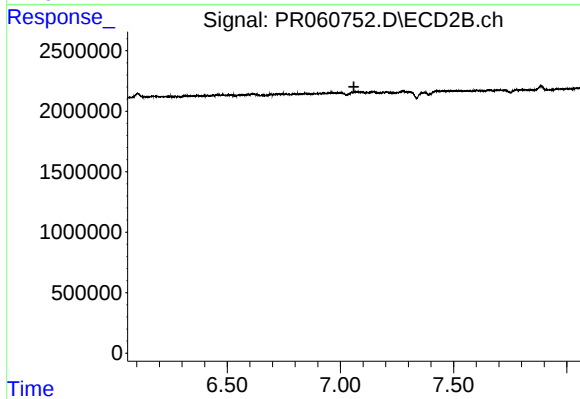
#40 AR-1262-5

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



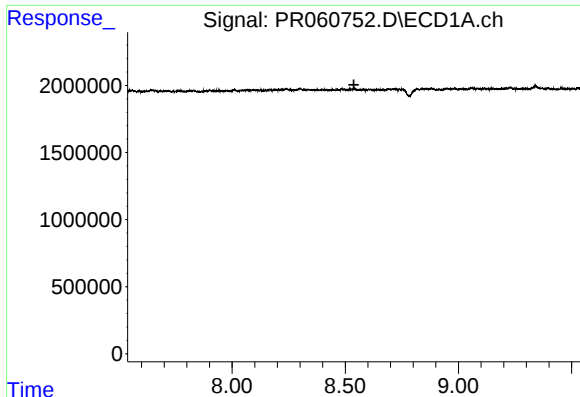
#42 AR-1268-2

R.T.: 8.300 min
Delta R.T.: -0.016 min
Response: 112903
Conc: 0.30 ng/ml



#42 AR-1268-2

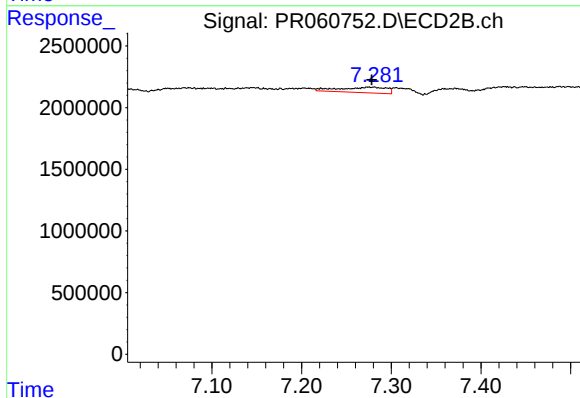
R.T.: 7.051 min
Delta R.T.: -0.008 min
Response: -99317
Conc: N.D.



#43 AR-1268-3

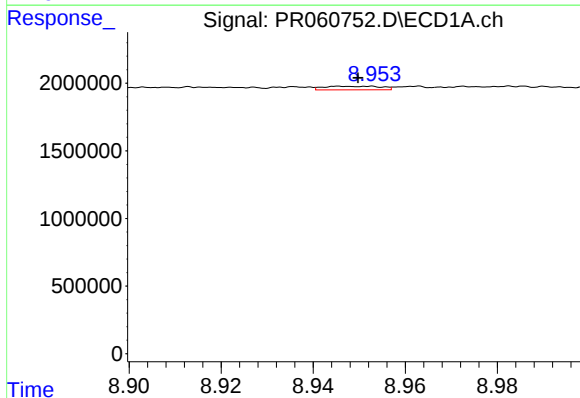
R.T.: 0.000 min
Exp R.T.: 8.538 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



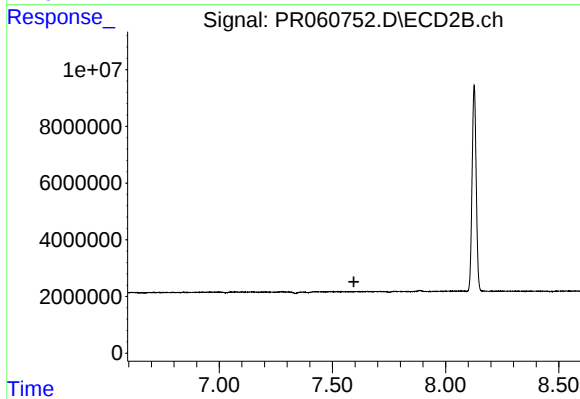
#43 AR-1268-3

R.T.: 7.281 min
Delta R.T.: 0.002 min
Response: 1626872
Conc: 2.86 ng/ml



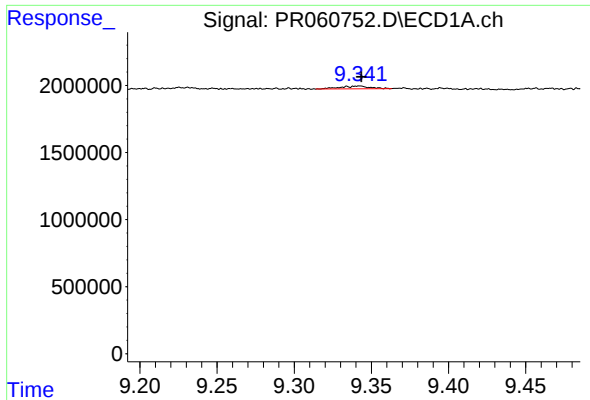
#44 AR-1268-4

R.T.: 8.952 min
Delta R.T.: 0.002 min
Response: 225117
Conc: 1.57 ng/ml



#44 AR-1268-4

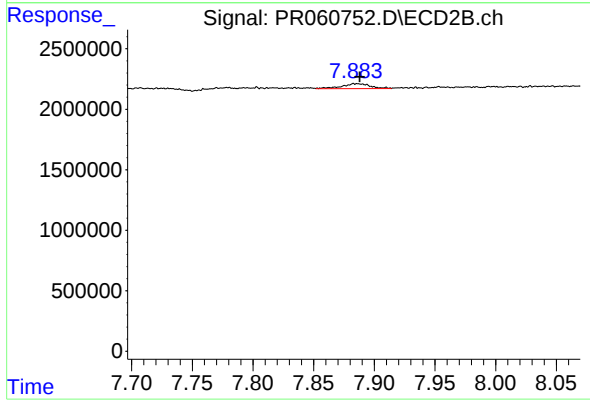
R.T.: 0.000 min
Exp R.T.: 7.595 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.342 min
Delta R.T.: -0.001 min
Response: 276200
Conc: 0.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.885 min
Delta R.T.: -0.003 min
Response: 665022
Conc: 0.35 ng/ml