

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080622\
 Data File : PR055667.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 18:57
 Operator : AJ\MA
 Sample : N3980-01
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 03:51:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 12:39:02 2022
 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...	3.635	2.905	94349458	45173686	22.111	22.499
2)	SA Decachlor...	9.528	8.123	39656163	39702787	22.303	21.826
Target Compounds							
3)	L1 AR-1016-1	4.857	4.014	3192667	1641328	27.572	25.344
4)	L1 AR-1016-2	4.879	4.031	4456364	2182129	27.154	23.891
5)	L1 AR-1016-3	4.943	4.208	2766993	1296092	27.978	25.418
6)	L1 AR-1016-4	5.044	4.259	2185947	1033678	27.596	27.208
7)	L1 AR-1016-5	5.360	4.474	2292418	1185678	31.706	24.036
8)	L2 AR-1221-1	3.850	3.129	820935	274356	16.611	12.022 #
9)	L2 AR-1221-2	3.946	3.207	1737626	893728	47.962	52.125
10)	L2 AR-1221-3	4.023	3.290	2043769	1088659	19.408	20.793
11)	L3 AR-1232-1	4.023	3.290	2043769	1088659	23.564	25.233
12)	L3 AR-1232-2	4.572	4.031	2740850	2182129	63.860	54.277
13)	L3 AR-1232-3	4.879	4.208	4456364	1296092	60.895	60.018
14)	L3 AR-1232-4	5.044	4.300	2185947	1179333	63.331	64.233
15)	L3 AR-1232-5	5.148	4.474	1886650	1185678	75.619	57.341
16)	L4 AR-1242-1	4.857	4.014	3192667	1641328	33.945	30.606
17)	L4 AR-1242-2	4.879	4.031	4456364	2182129	32.896	29.175
18)	L4 AR-1242-3	4.943	4.208	2766993	1296092	34.731	31.930
19)	L4 AR-1242-4	5.044	4.300	2185947	1179333	34.708	31.328
20)	L4 AR-1242-5	5.832	4.842	2402099	1716393	41.710	34.673
21)	L5 AR-1248-1	4.857	4.014	3192667	1641328	43.919	40.331
22)	L5 AR-1248-2	5.148	4.259	1886650	1033678	21.219	18.676
23)	L5 AR-1248-3	5.360	4.300	2292418	1179333	23.037	20.971
24)	L5 AR-1248-4	5.793	4.474	1787818	1185678	18.294	17.472
25)	L5 AR-1248-5	5.832	4.883	2402099	1691976	24.604	23.724
26)	L6 AR-1254-1	5.762	4.842	1750683	1716393	17.094	15.708
27)	L6 AR-1254-2	6.000	4.999	1700046	1176107	11.565	12.146
28)	L6 AR-1254-3	6.390	5.418	1184347	769894	8.084	5.054 #
29)	L6 AR-1254-4	6.705	5.663	623633	464656	6.016	4.716
30)	L6 AR-1254-5	7.159	6.101	318159	195262	2.934	1.441 #
31)	L7 AR-1260-1	0.000	5.561	0	322076	N.D.	3.197 #
33)	L7 AR-1260-3	0.000	5.923	0	189523	N.D.	1.676 #
34)	L7 AR-1260-4	7.469f	6.424	247889	319975	2.414	3.344 #
35)	L7 AR-1260-5	7.831	6.688	265671	268227	1.367	1.194
37)	L8 AR-1262-2	7.831	6.424	265671	319975	1.245	2.622 #
38)	L8 AR-1262-3	8.131	6.992	271431	660834	1.841	6.866 #
39)	L8 AR-1262-4	8.215	7.056	290729	214725	4.626	1.180 #
40)	L8 AR-1262-5	0.000	7.583	0	24408	N.D.	0.285 #
41)	L9 AR-1268-1	8.131	6.992	271431	660834	1.089	2.349 #
42)	L9 AR-1268-2	8.215	7.056	290729	214725	1.273	0.839 #
43)	L9 AR-1268-3	8.431	7.274	1428650	218867	7.419	1.017 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 03:51:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	0.000	7.583	0	24408	N.D.	0.257 #
45) L9	AR-1268-5	9.220	7.885	384775	345586	0.629	0.507

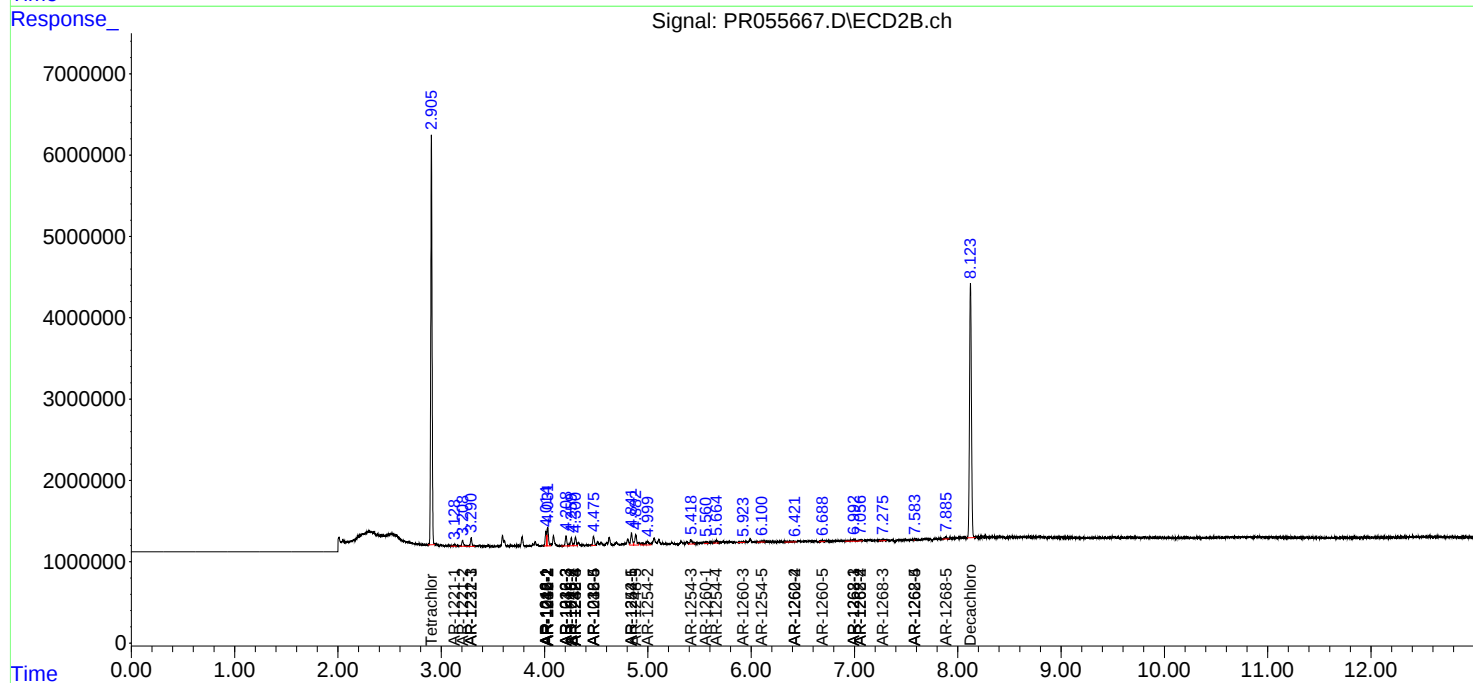
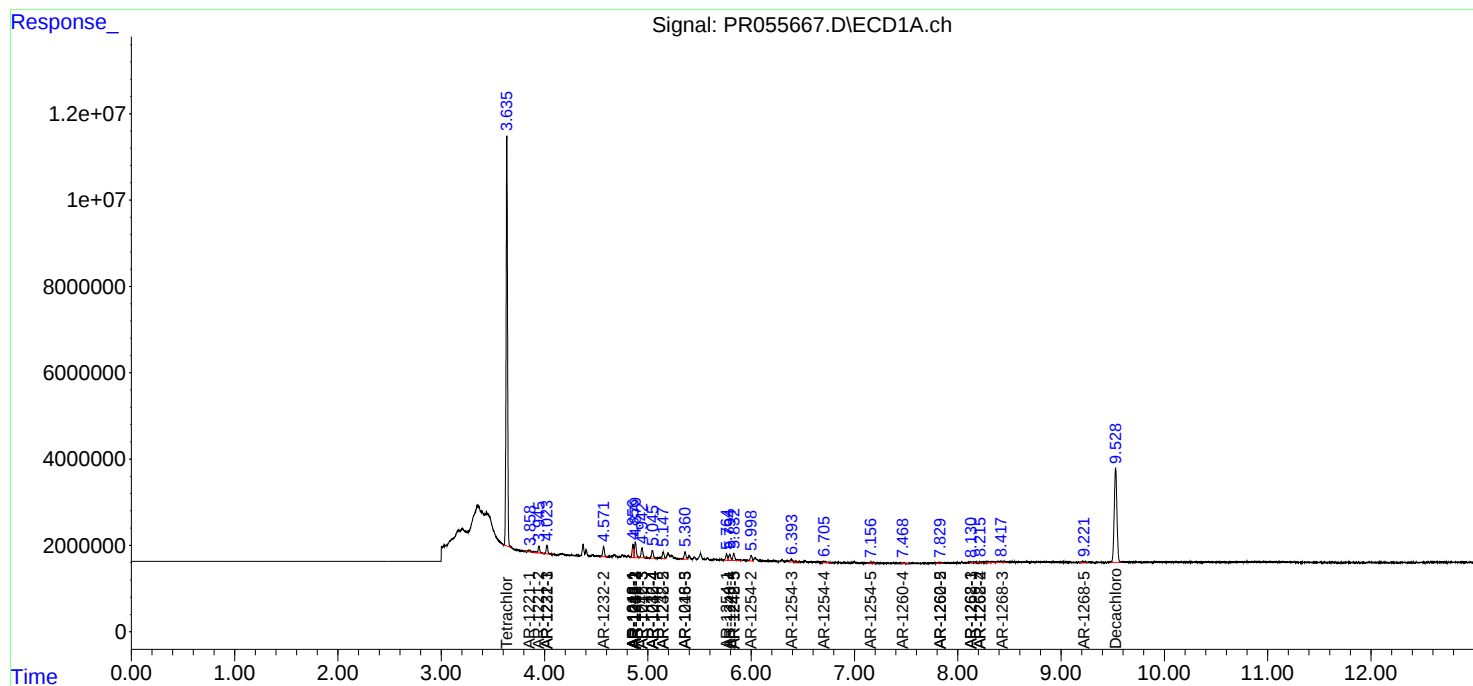
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

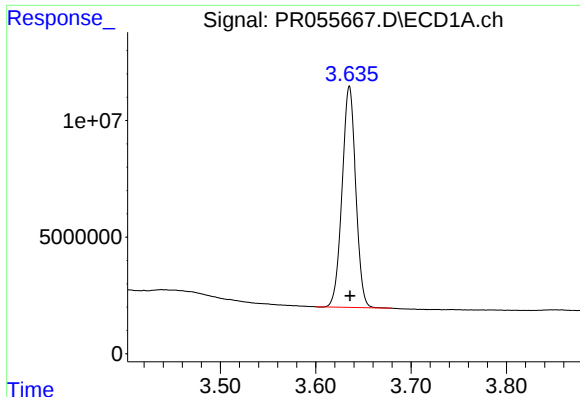
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Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 05 12:39:02 2022
Response via : Initial Calibration
Integrator: ChemStation

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

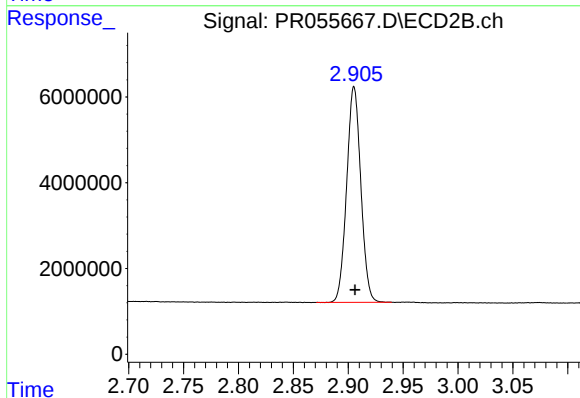




#1 Tetrachloro-m-xylene

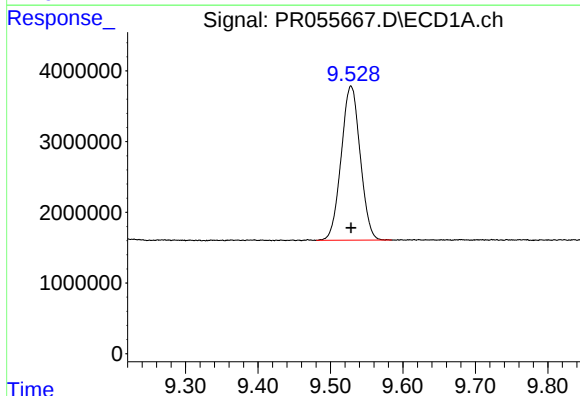
R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 94349458
Conc: 22.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



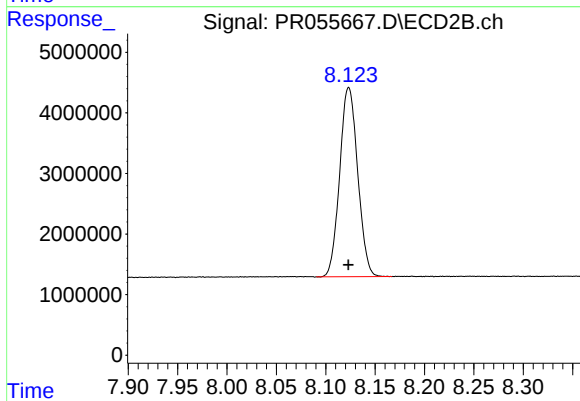
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: 0.000 min
Response: 45173686
Conc: 22.50 ng/ml



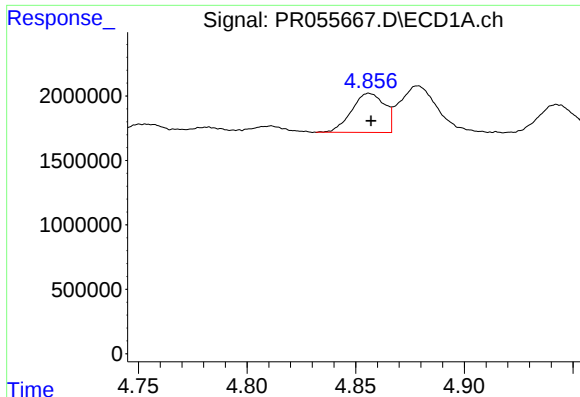
#2 Decachlorobiphenyl

R.T.: 9.528 min
Delta R.T.: 0.000 min
Response: 39656163
Conc: 22.30 ng/ml



#2 Decachlorobiphenyl

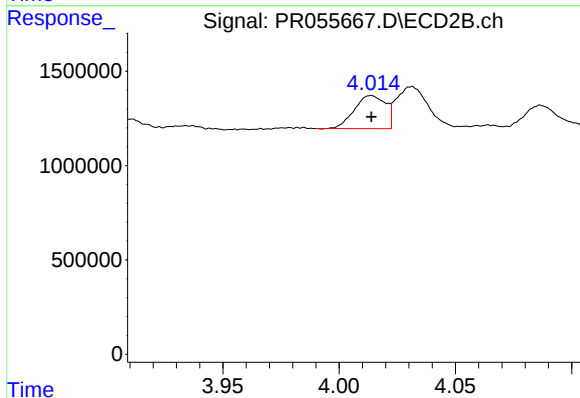
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 39702787
Conc: 21.83 ng/ml



#3 AR-1016-1

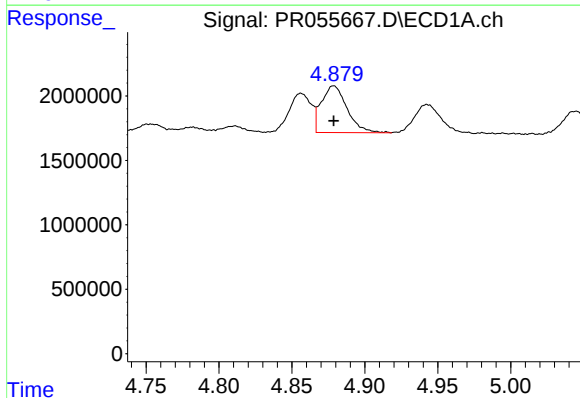
R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 3192667
Conc: 27.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



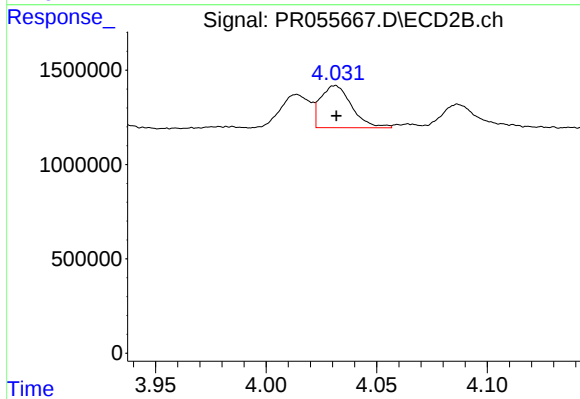
#3 AR-1016-1

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1641328
Conc: 25.34 ng/ml



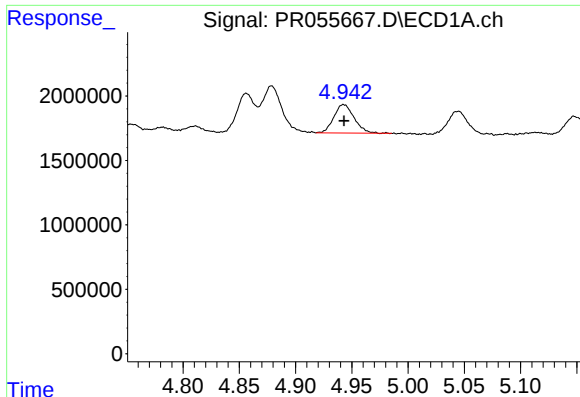
#4 AR-1016-2

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 4456364
Conc: 27.15 ng/ml



#4 AR-1016-2

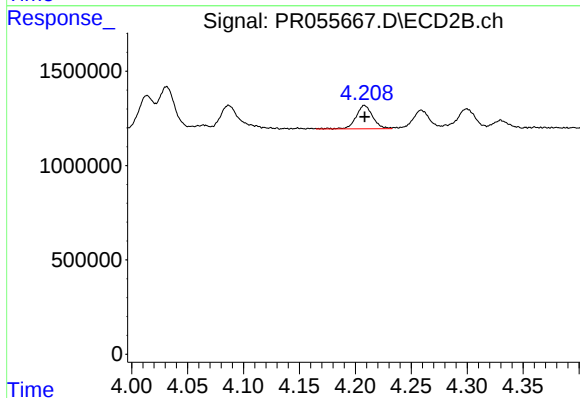
R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 2182129
Conc: 23.89 ng/ml



#5 AR-1016-3

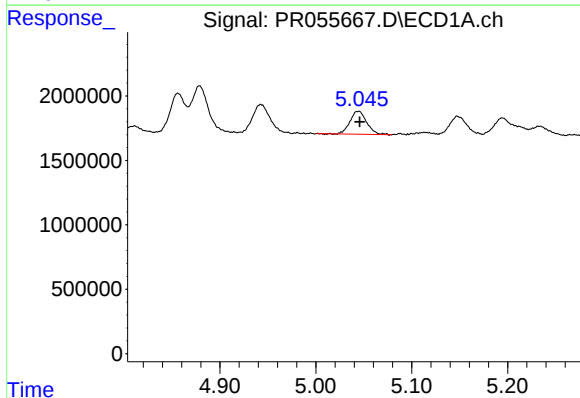
R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 2766993
Conc: 27.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



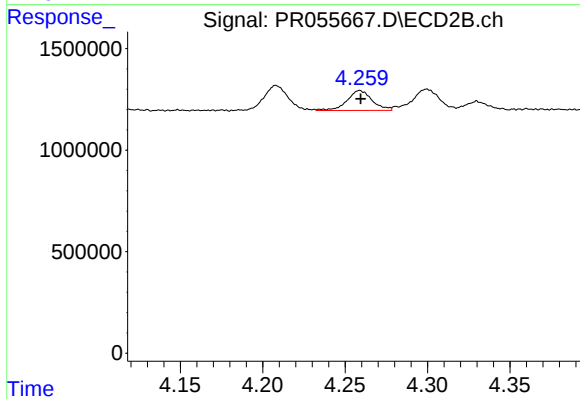
#5 AR-1016-3

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 1296092
Conc: 25.42 ng/ml



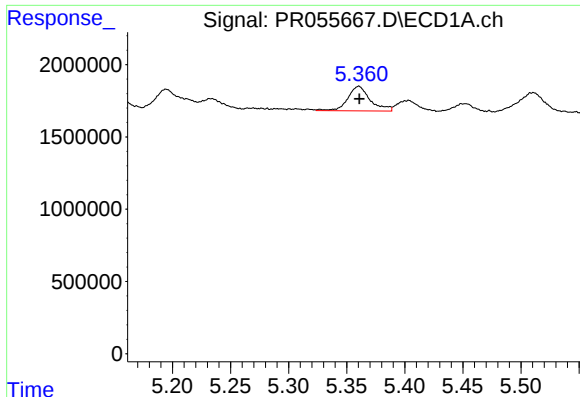
#6 AR-1016-4

R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 2185947
Conc: 27.60 ng/ml



#6 AR-1016-4

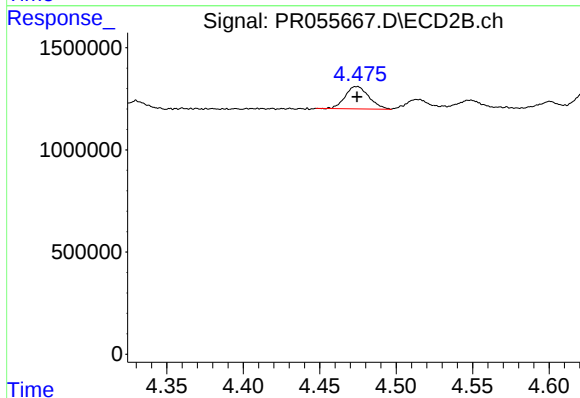
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1033678
Conc: 27.21 ng/ml



#7 AR-1016-5

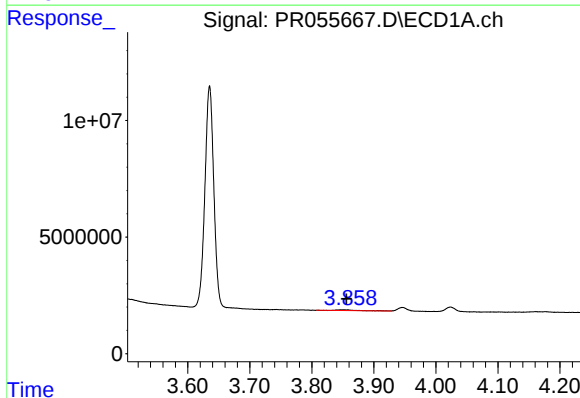
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 2292418
Conc: 31.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



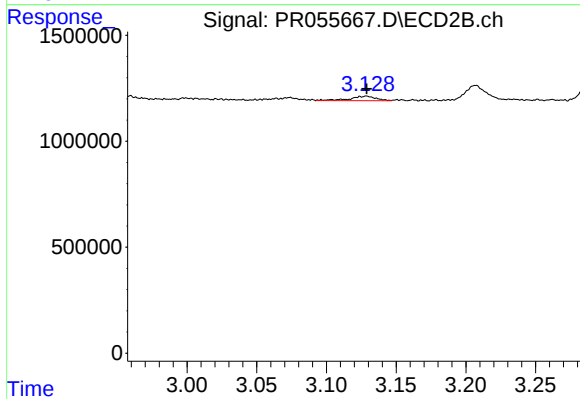
#7 AR-1016-5

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 1185678
Conc: 24.04 ng/ml



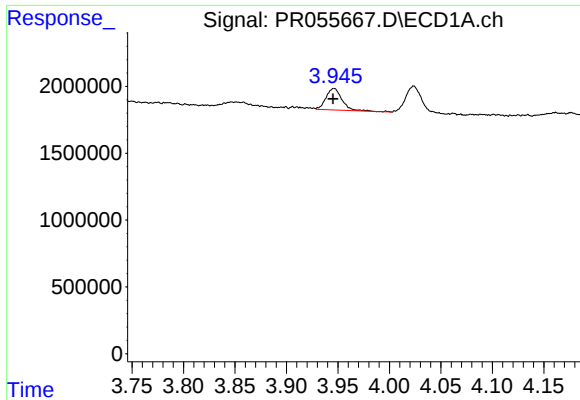
#8 AR-1221-1

R.T.: 3.850 min
Delta R.T.: -0.006 min
Response: 820935
Conc: 16.61 ng/ml



#8 AR-1221-1

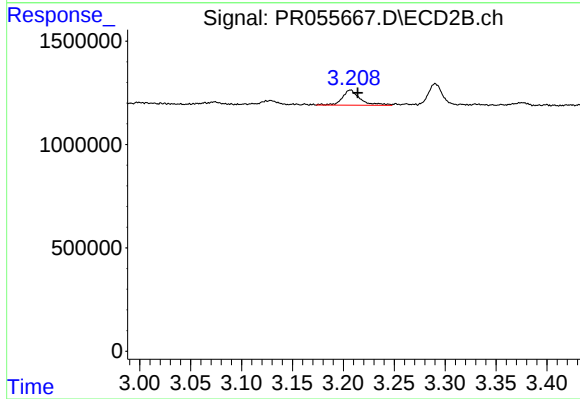
R.T.: 3.129 min
Delta R.T.: 0.000 min
Response: 274356
Conc: 12.02 ng/ml



#9 AR-1221-2

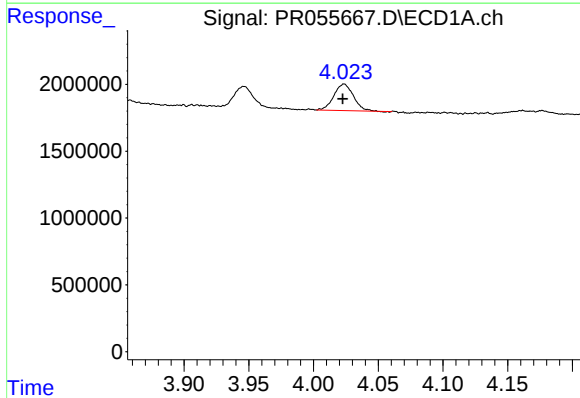
R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 1737626
Conc: 47.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



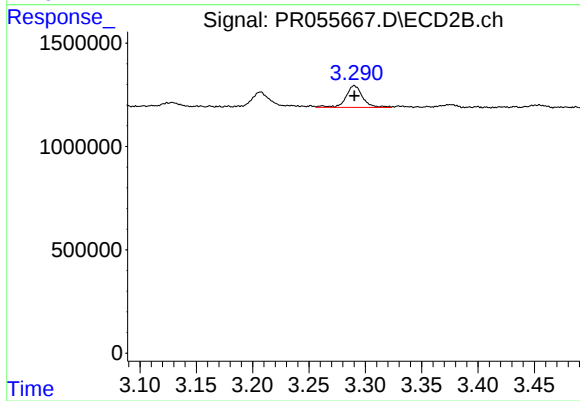
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.007 min
Response: 893728
Conc: 52.13 ng/ml



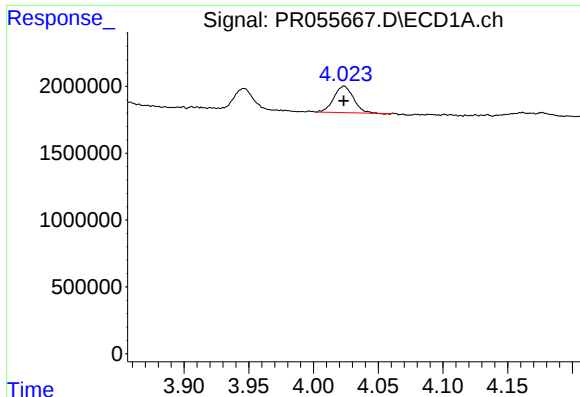
#10 AR-1221-3

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2043769
Conc: 19.41 ng/ml



#10 AR-1221-3

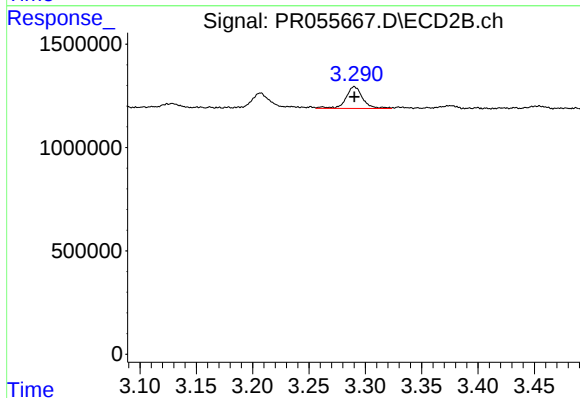
R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 1088659
Conc: 20.79 ng/ml



#11 AR-1232-1

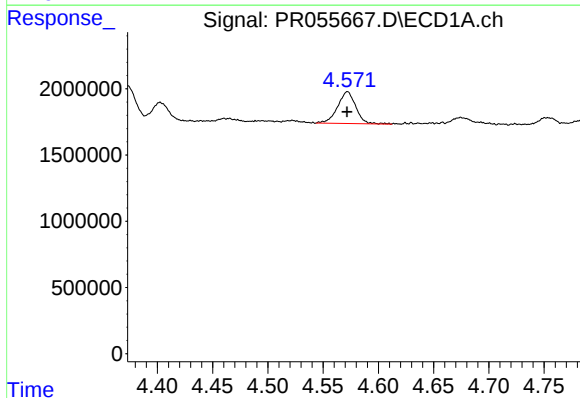
R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2043769
Conc: 23.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



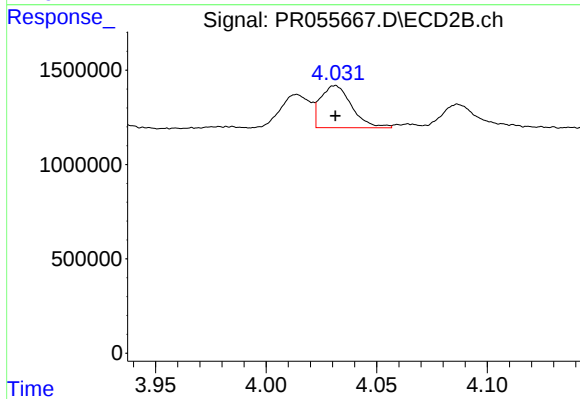
#11 AR-1232-1

R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 1088659
Conc: 25.23 ng/ml



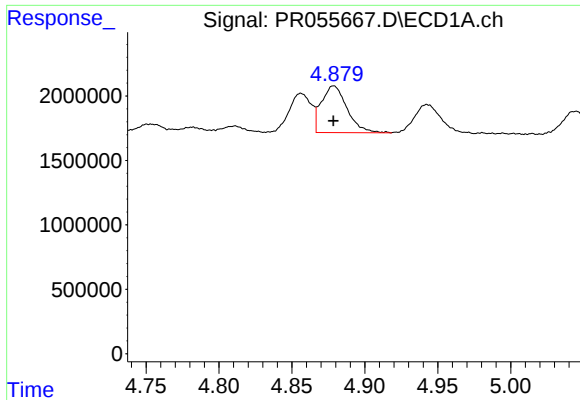
#12 AR-1232-2

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 2740850
Conc: 63.86 ng/ml



#12 AR-1232-2

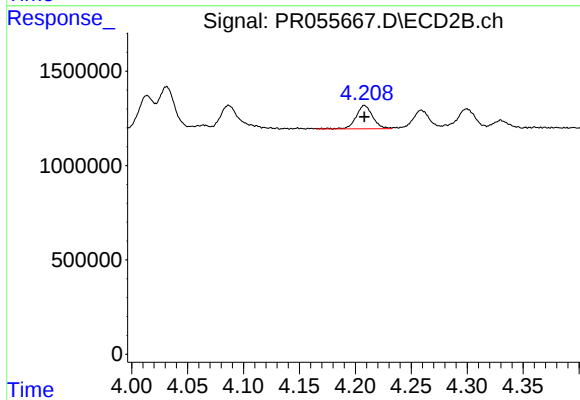
R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 2182129
Conc: 54.28 ng/ml



#13 AR-1232-3

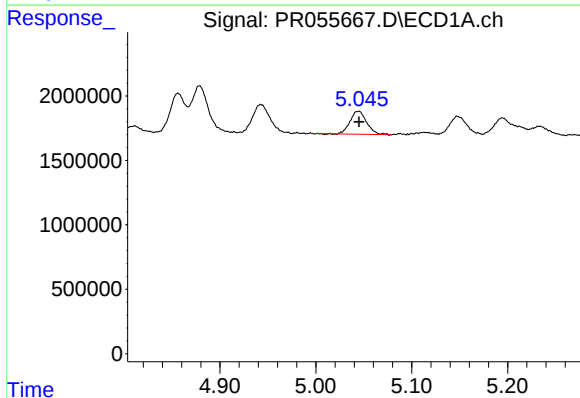
R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 4456364
Conc: 60.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



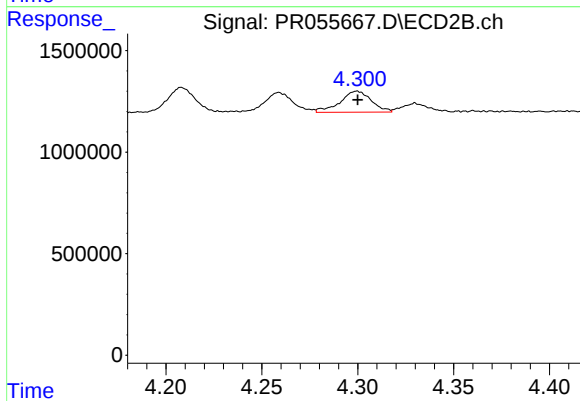
#13 AR-1232-3

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 1296092
Conc: 60.02 ng/ml



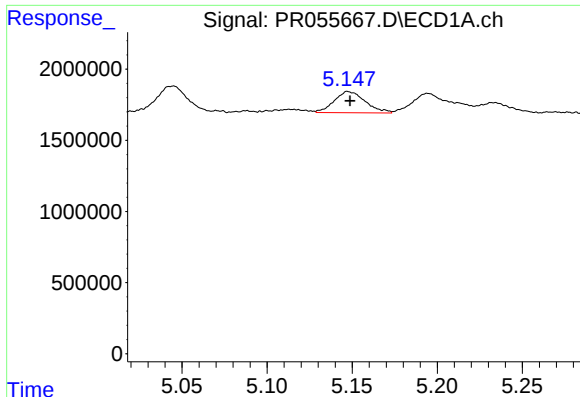
#14 AR-1232-4

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 2185947
Conc: 63.33 ng/ml



#14 AR-1232-4

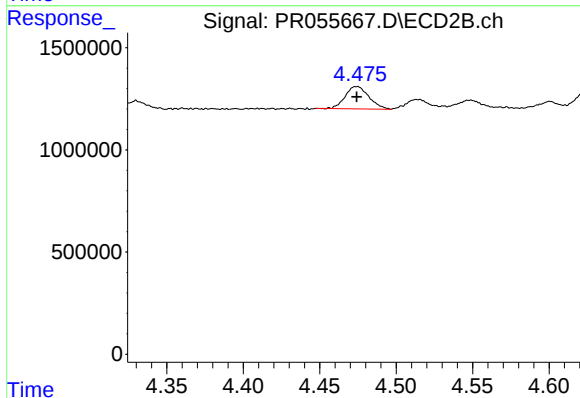
R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 1179333
Conc: 64.23 ng/ml



#15 AR-1232-5

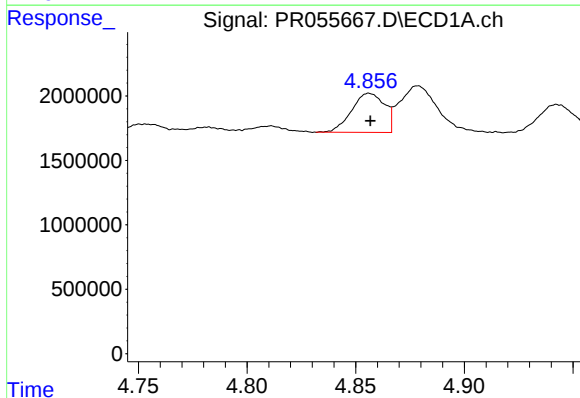
R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 1886650
Conc: 75.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



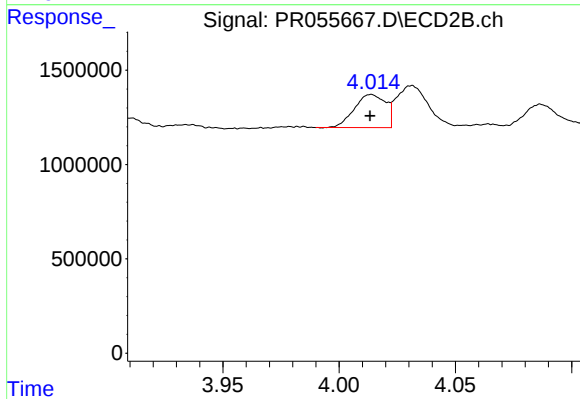
#15 AR-1232-5

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 1185678
Conc: 57.34 ng/ml



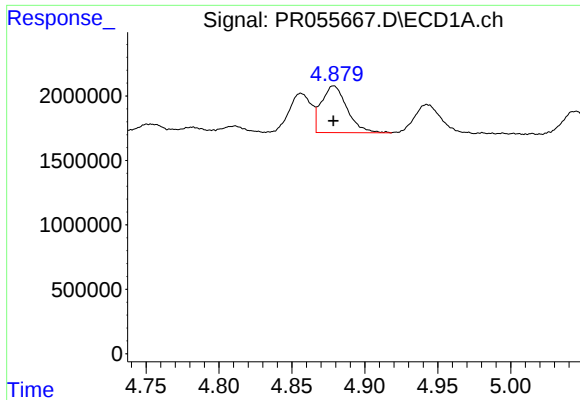
#16 AR-1242-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 3192667
Conc: 33.94 ng/ml



#16 AR-1242-1

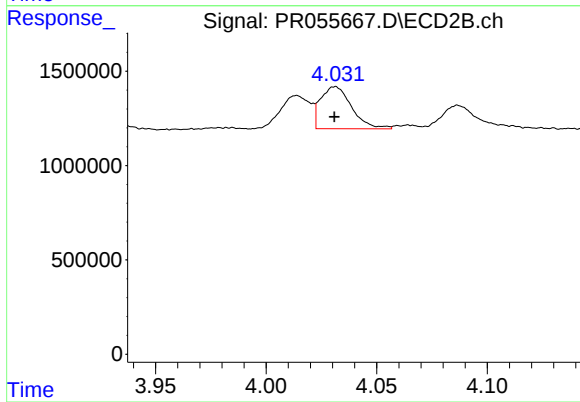
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1641328
Conc: 30.61 ng/ml



#17 AR-1242-2

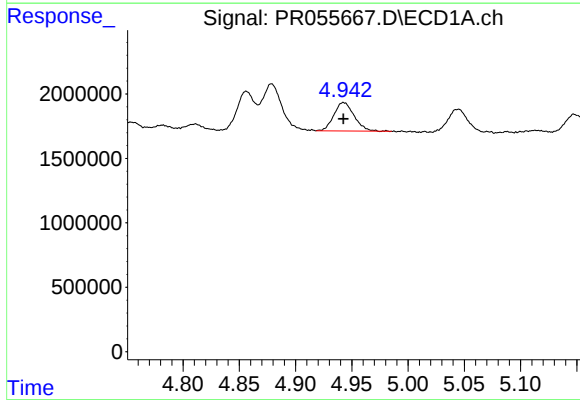
R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 4456364
Conc: 32.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



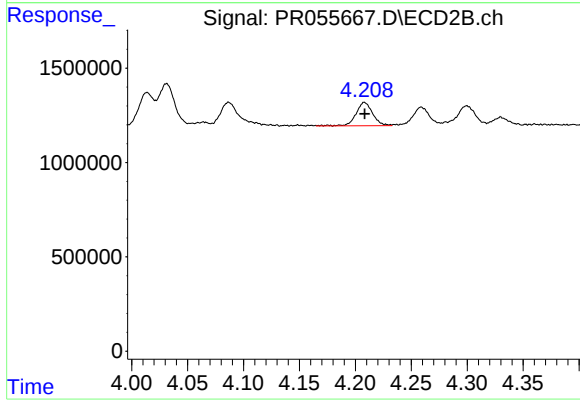
#17 AR-1242-2

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 2182129
Conc: 29.18 ng/ml



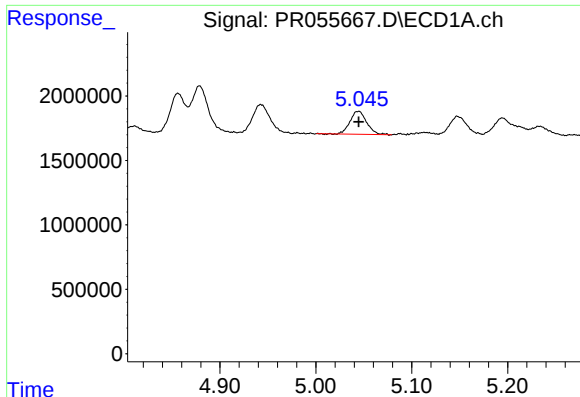
#18 AR-1242-3

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 2766993
Conc: 34.73 ng/ml



#18 AR-1242-3

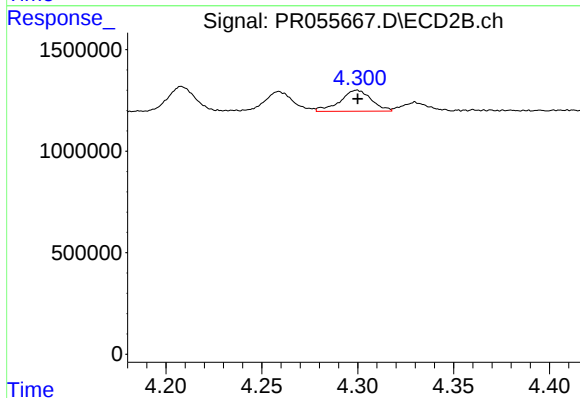
R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 1296092
Conc: 31.93 ng/ml



#19 AR-1242-4

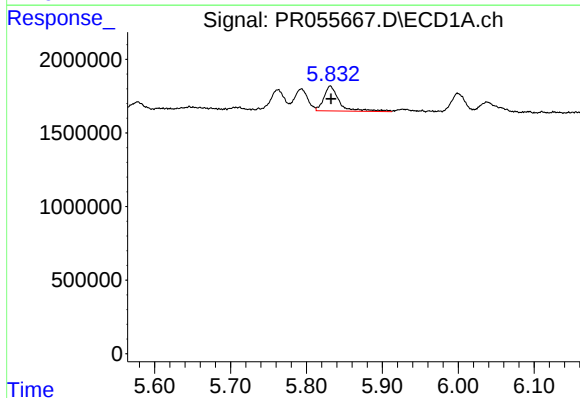
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 2185947
Conc: 34.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



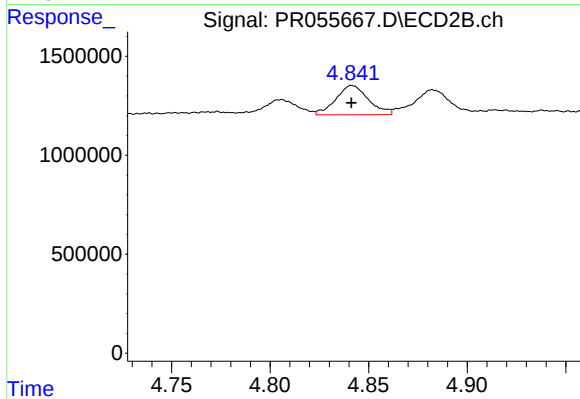
#19 AR-1242-4

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 1179333
Conc: 31.33 ng/ml



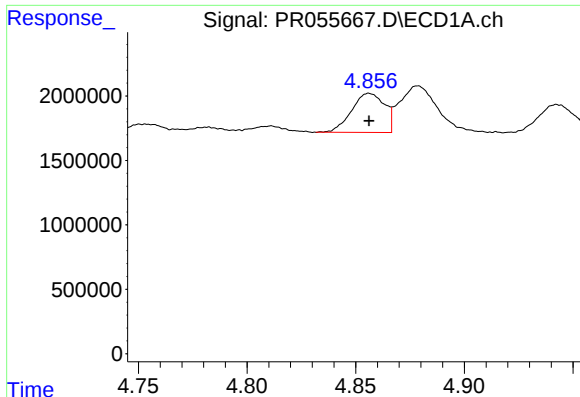
#20 AR-1242-5

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 2402099
Conc: 41.71 ng/ml



#20 AR-1242-5

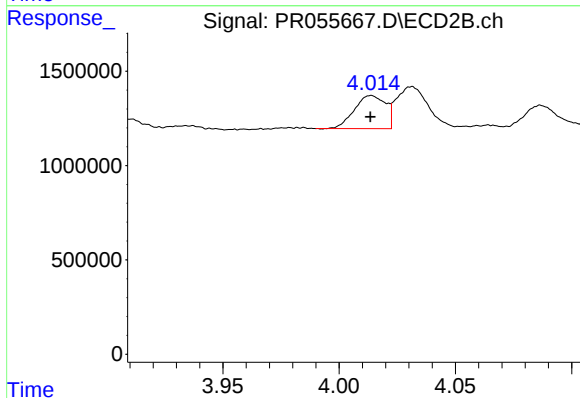
R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 1716393
Conc: 34.67 ng/ml



#21 AR-1248-1

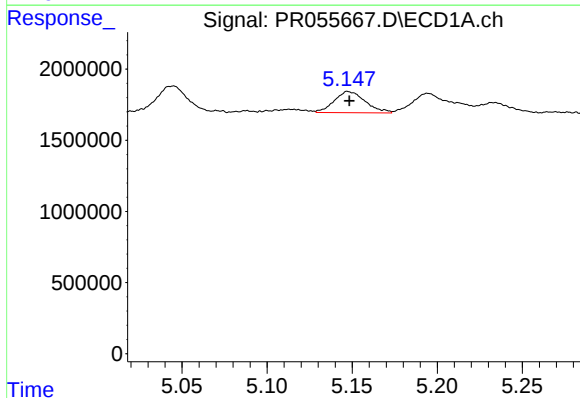
R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 3192667
Conc: 43.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



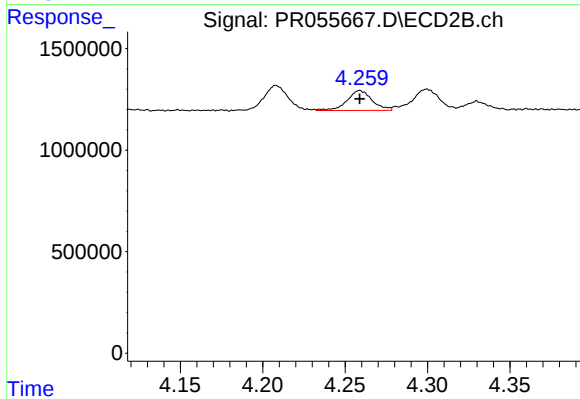
#21 AR-1248-1

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1641328
Conc: 40.33 ng/ml



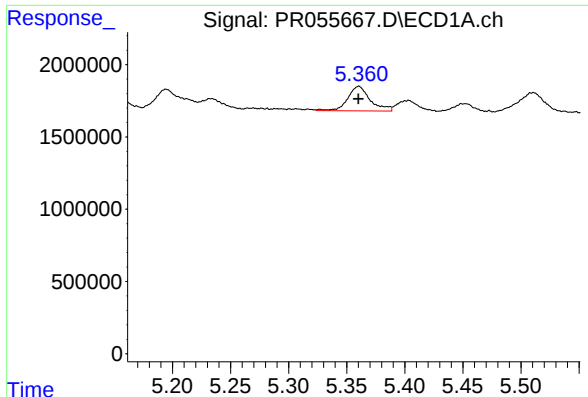
#22 AR-1248-2

R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 1886650
Conc: 21.22 ng/ml



#22 AR-1248-2

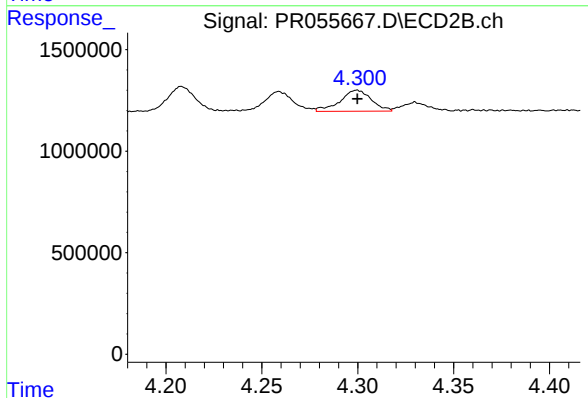
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1033678
Conc: 18.68 ng/ml



#23 AR-1248-3

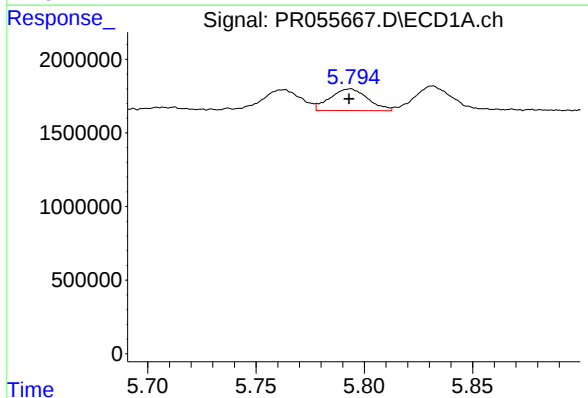
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 2292418
Conc: 23.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



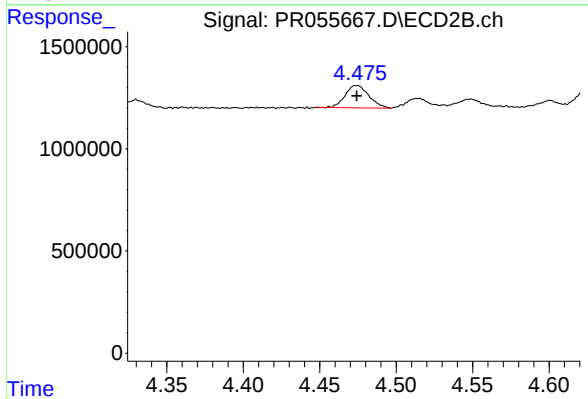
#23 AR-1248-3

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 1179333
Conc: 20.97 ng/ml



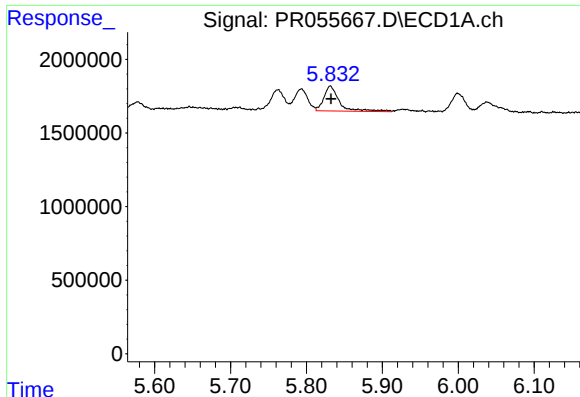
#24 AR-1248-4

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 1787818
Conc: 18.29 ng/ml



#24 AR-1248-4

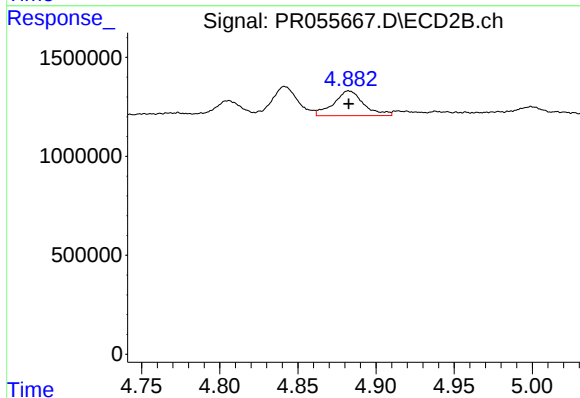
R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 1185678
Conc: 17.47 ng/ml



#25 AR-1248-5

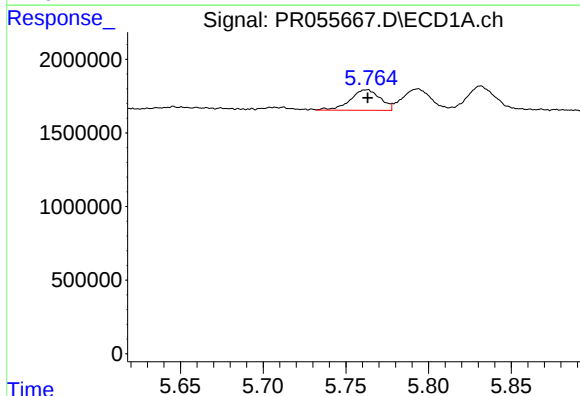
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 2402099
Conc: 24.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



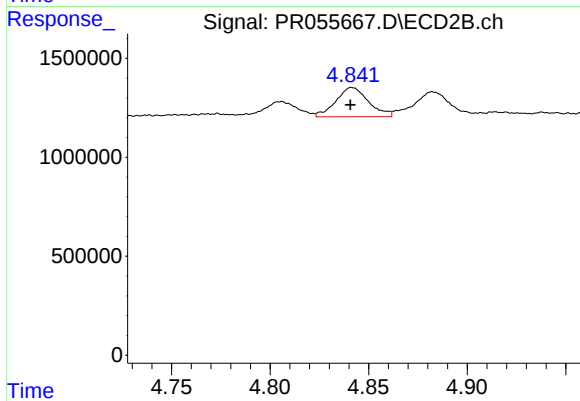
#25 AR-1248-5

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 1691976
Conc: 23.72 ng/ml



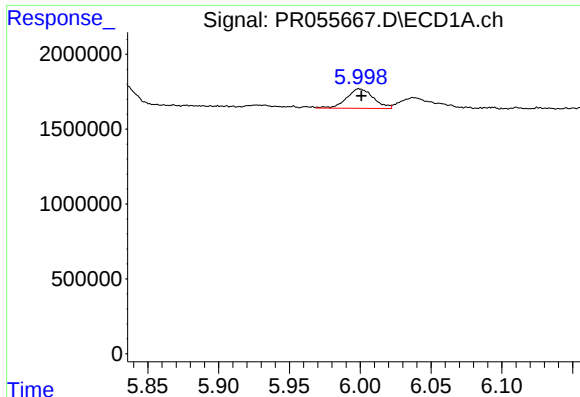
#26 AR-1254-1

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 1750683
Conc: 17.09 ng/ml



#26 AR-1254-1

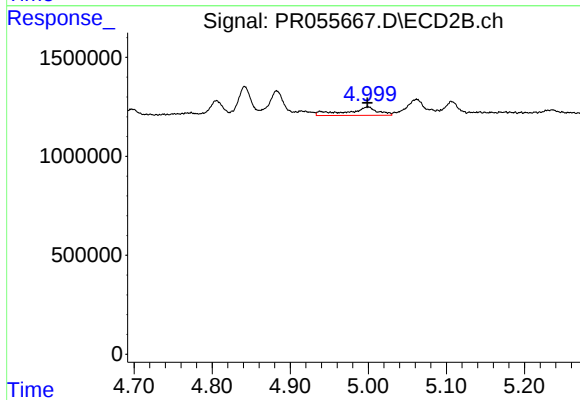
R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 1716393
Conc: 15.71 ng/ml



#27 AR-1254-2

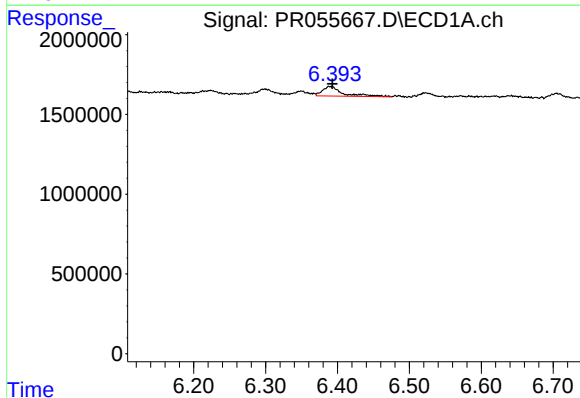
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 1700046
Conc: 11.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



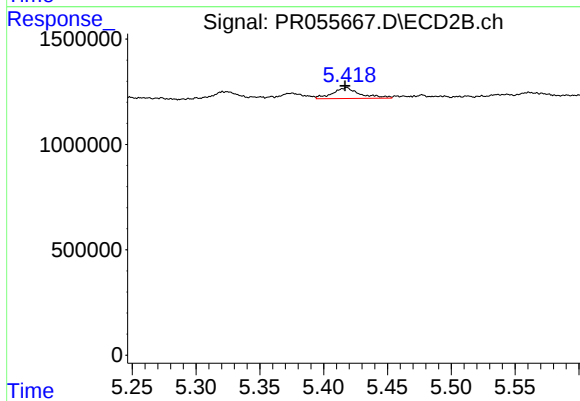
#27 AR-1254-2

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 1176107
Conc: 12.15 ng/ml



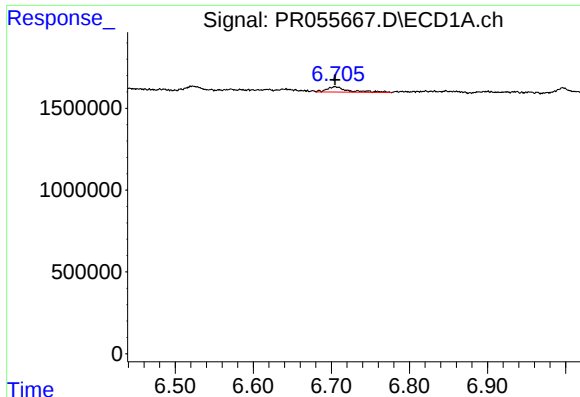
#28 AR-1254-3

R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 1184347
Conc: 8.08 ng/ml



#28 AR-1254-3

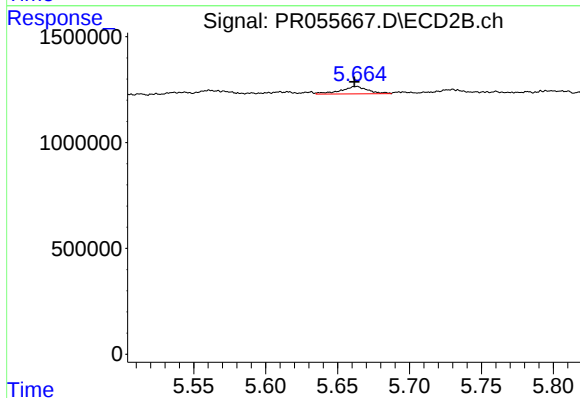
R.T.: 5.418 min
Delta R.T.: 0.001 min
Response: 769894
Conc: 5.05 ng/ml



#29 AR-1254-4

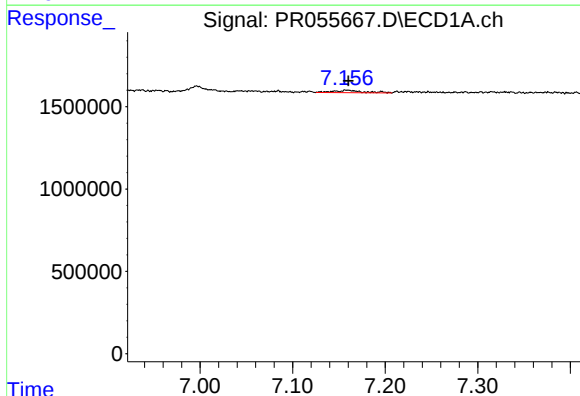
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 623633
Conc: 6.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



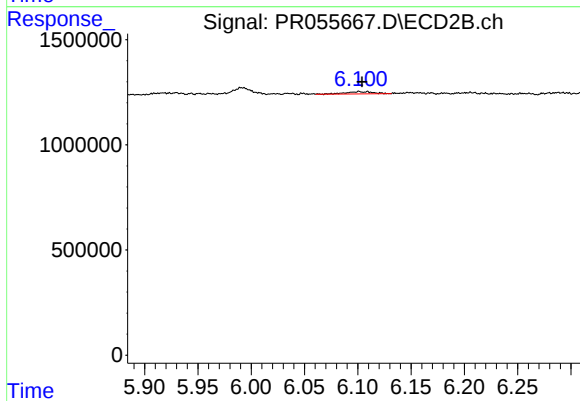
#29 AR-1254-4

R.T.: 5.663 min
Delta R.T.: 0.001 min
Response: 464656
Conc: 4.72 ng/ml



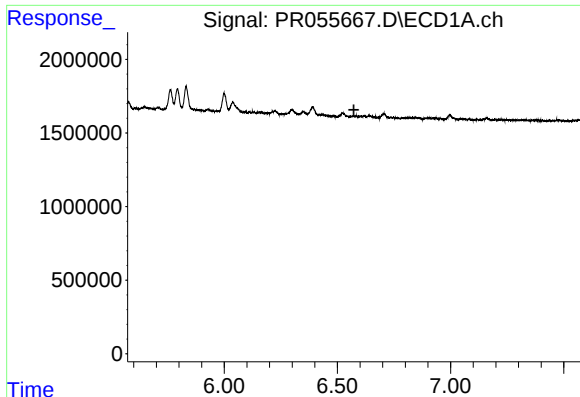
#30 AR-1254-5

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 318159
Conc: 2.93 ng/ml



#30 AR-1254-5

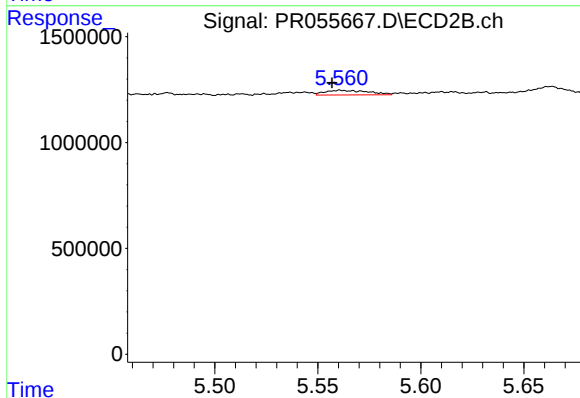
R.T.: 6.101 min
Delta R.T.: -0.003 min
Response: 195262
Conc: 1.44 ng/ml



#31 AR-1260-1

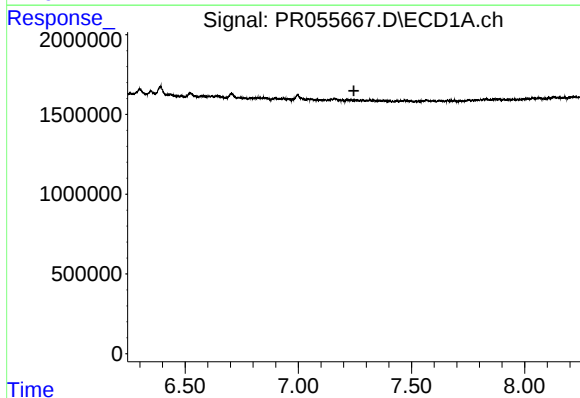
R.T.: 0.000 min
Exp R.T. : 6.573 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



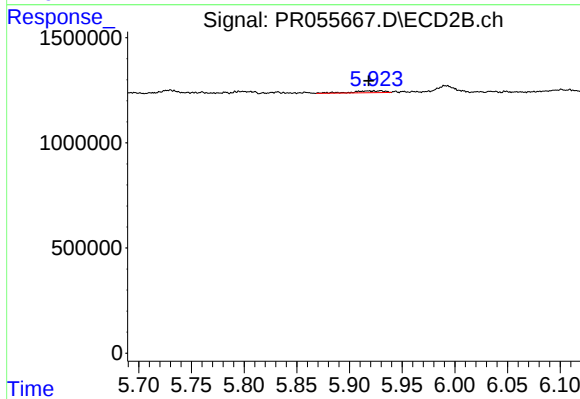
#31 AR-1260-1

R.T.: 5.561 min
Delta R.T.: 0.004 min
Response: 322076
Conc: 3.20 ng/ml



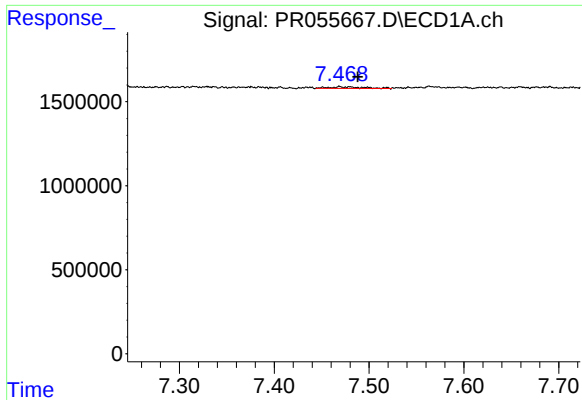
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.246 min
Response: 0
Conc: N.D.



#33 AR-1260-3

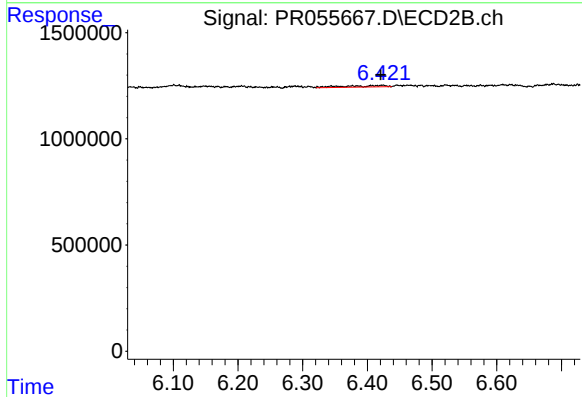
R.T.: 5.923 min
Delta R.T.: 0.005 min
Response: 189523
Conc: 1.68 ng/ml



#34 AR-1260-4

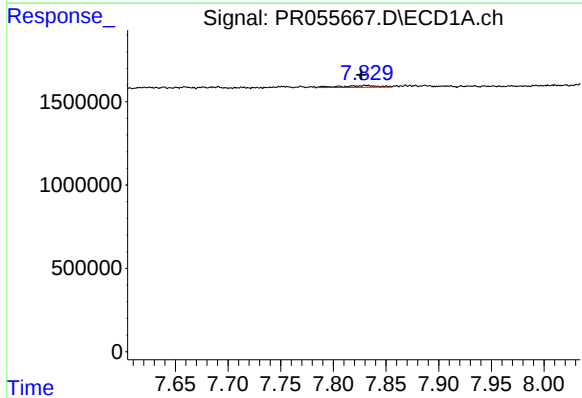
R.T.: 7.469 min
Delta R.T.: -0.019 min
Response: 247889
Conc: 2.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



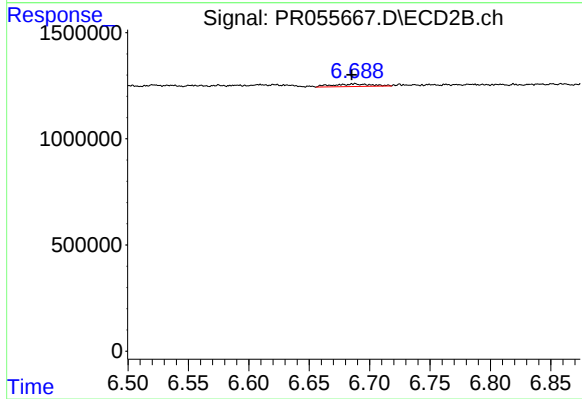
#34 AR-1260-4

R.T.: 6.424 min
Delta R.T.: 0.004 min
Response: 319975
Conc: 3.34 ng/ml



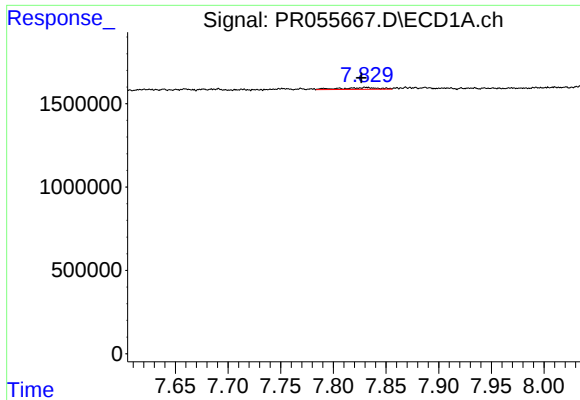
#35 AR-1260-5

R.T.: 7.831 min
Delta R.T.: 0.004 min
Response: 265671
Conc: 1.37 ng/ml



#35 AR-1260-5

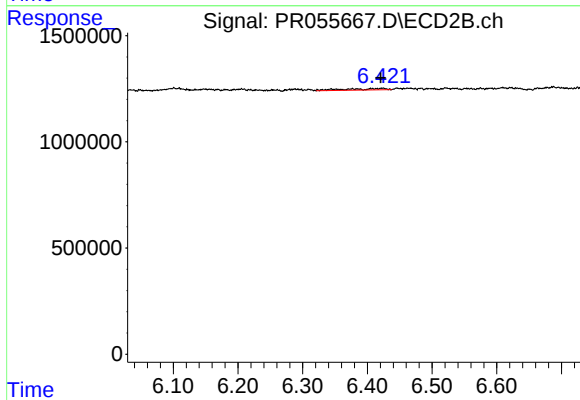
R.T.: 6.688 min
Delta R.T.: 0.002 min
Response: 268227
Conc: 1.19 ng/ml



#37 AR-1262-2

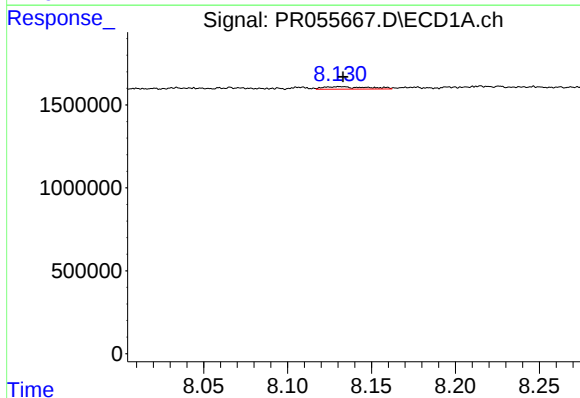
R.T.: 7.831 min
Delta R.T.: 0.004 min
Response: 265671
Conc: 1.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



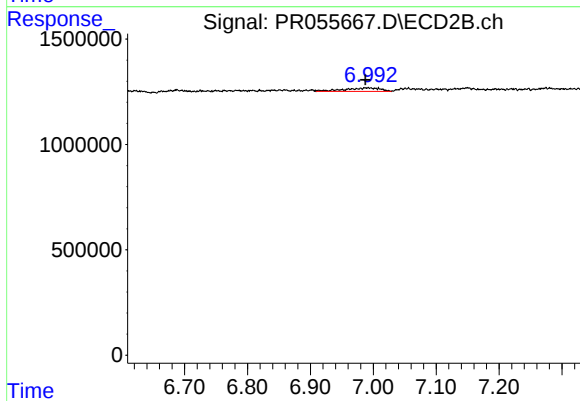
#37 AR-1262-2

R.T.: 6.424 min
Delta R.T.: 0.004 min
Response: 319975
Conc: 2.62 ng/ml



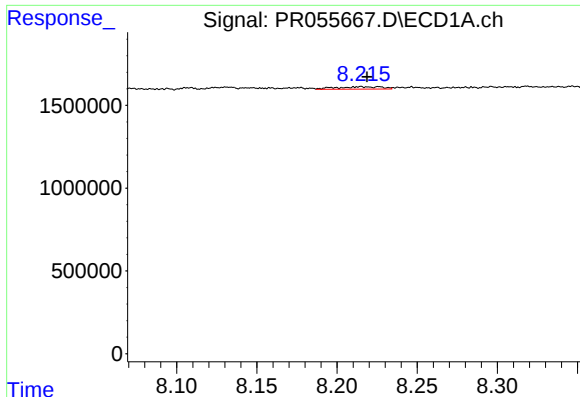
#38 AR-1262-3

R.T.: 8.131 min
Delta R.T.: -0.002 min
Response: 271431
Conc: 1.84 ng/ml



#38 AR-1262-3

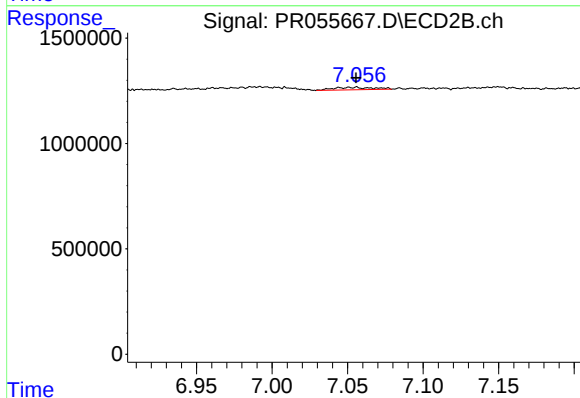
R.T.: 6.992 min
Delta R.T.: 0.004 min
Response: 660834
Conc: 6.87 ng/ml



#39 AR-1262-4

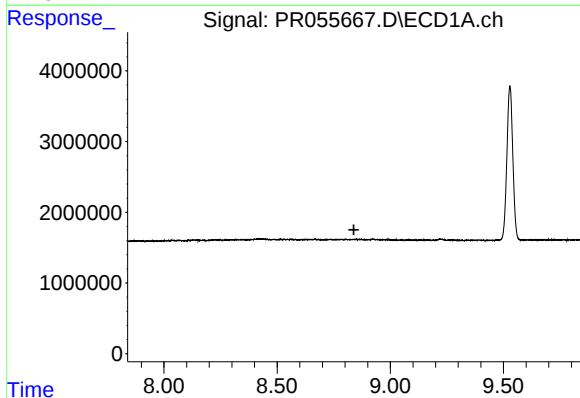
R.T.: 8.215 min
Delta R.T.: -0.003 min
Response: 290729
Conc: 4.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



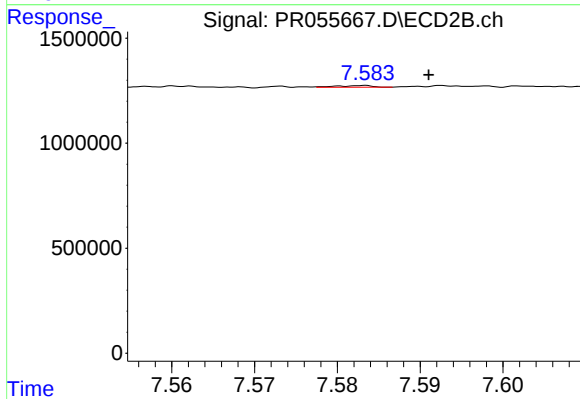
#39 AR-1262-4

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 214725
Conc: 1.18 ng/ml



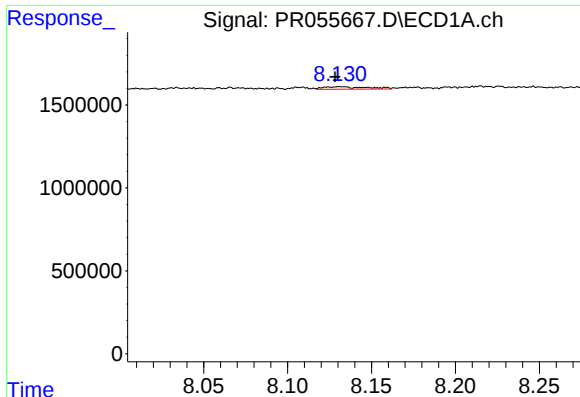
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.839 min
Response: 0
Conc: N.D.



#40 AR-1262-5

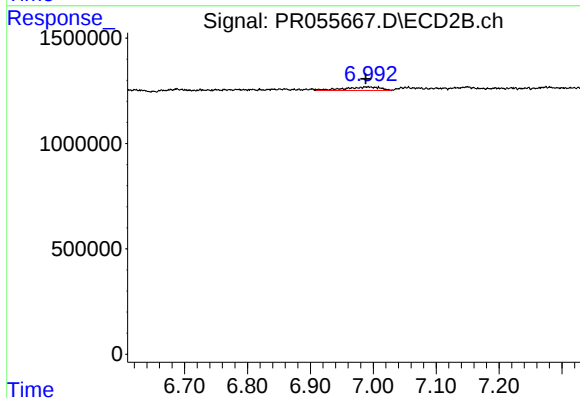
R.T.: 7.583 min
Delta R.T.: -0.008 min
Response: 24408
Conc: 0.28 ng/ml



#41 AR-1268-1

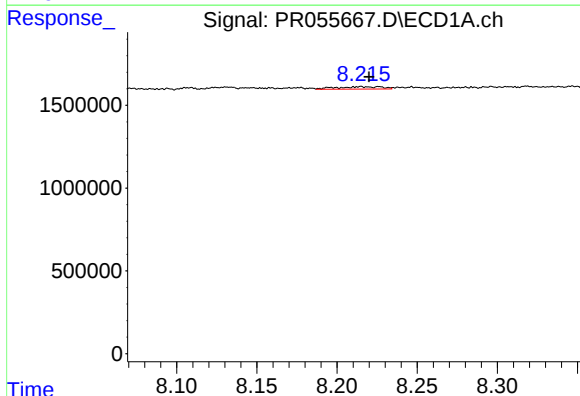
R.T.: 8.131 min
Delta R.T.: 0.003 min
Response: 271431
Conc: 1.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



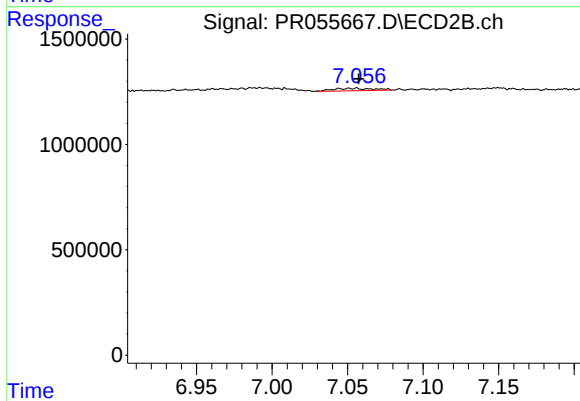
#41 AR-1268-1

R.T.: 6.992 min
Delta R.T.: 0.004 min
Response: 660834
Conc: 2.35 ng/ml



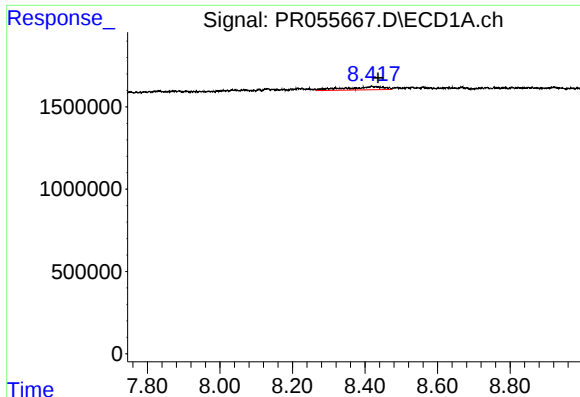
#42 AR-1268-2

R.T.: 8.215 min
Delta R.T.: -0.004 min
Response: 290729
Conc: 1.27 ng/ml



#42 AR-1268-2

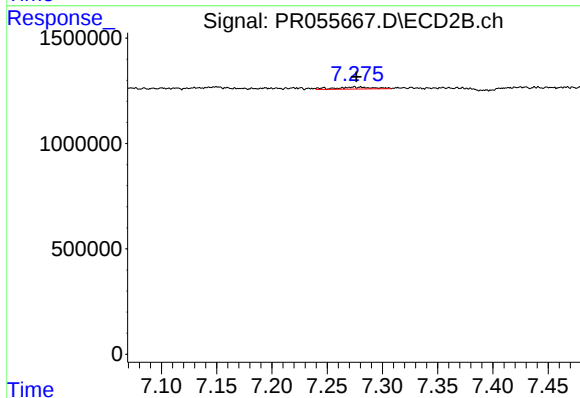
R.T.: 7.056 min
Delta R.T.: -0.001 min
Response: 214725
Conc: 0.84 ng/ml



#43 AR-1268-3

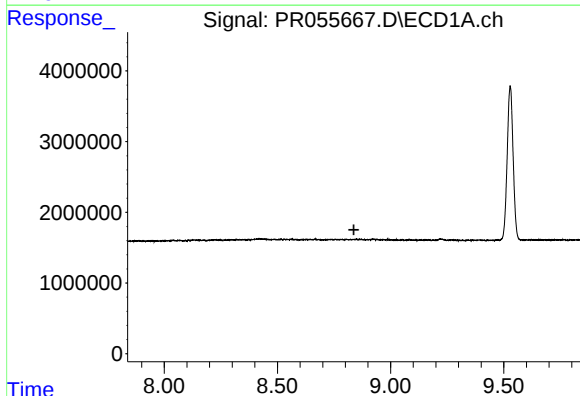
R.T.: 8.431 min
Delta R.T.: -0.006 min
Response: 1428650
Conc: 7.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



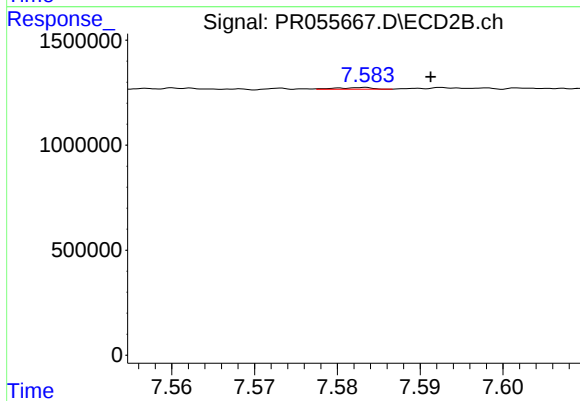
#43 AR-1268-3

R.T.: 7.274 min
Delta R.T.: -0.002 min
Response: 218867
Conc: 1.02 ng/ml



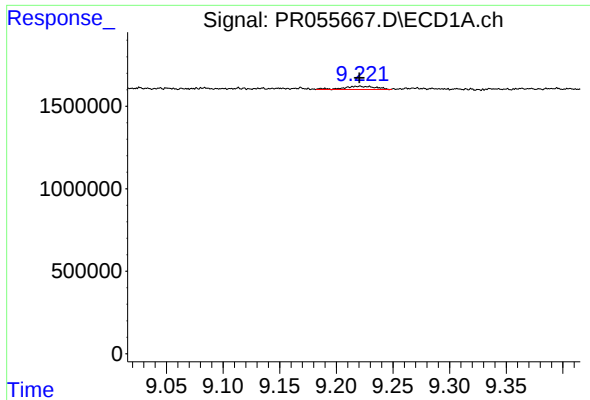
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.838 min
Response: 0
Conc: N.D.



#44 AR-1268-4

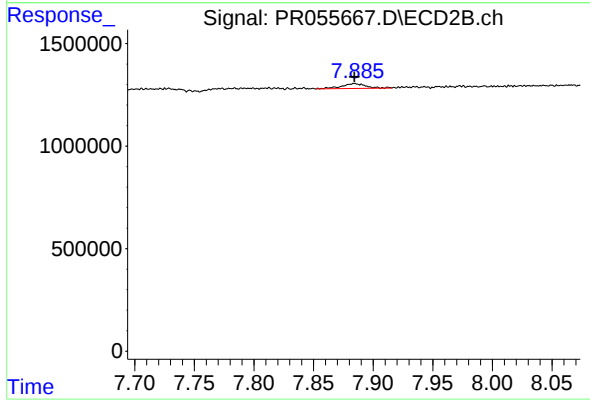
R.T.: 7.583 min
Delta R.T.: -0.009 min
Response: 24408
Conc: 0.26 ng/ml



#45 AR-1268-5

R.T.: 9.220 min
Delta R.T.: 0.000 min
Response: 384775
Conc: 0.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.885 min
Delta R.T.: 0.000 min
Response: 345586
Conc: 0.51 ng/ml