

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080622\
 Data File : PR055687.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2022 00:58
 Operator : AJ\MA
 Sample : N3980-01
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 04:02:32 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	2.906	75880098	36608845	17.783	18.233
2)	SA Decachlor...	9.526	8.121	33918701	33807713	19.076	18.585
Target Compounds							
3)	L1 AR-1016-1	4.856	4.014	3704720	1838282	31.994	28.385
4)	L1 AR-1016-2	4.878	4.031	4895307	2668425	29.828	29.216
5)	L1 AR-1016-3	4.942	4.208	2999276	1528346	30.327	29.973
6)	L1 AR-1016-4	5.044	4.258	2380638	1145796	30.054	30.159
7)	L1 AR-1016-5	5.359	4.474	2331600	1398889	32.248	28.358
8)	L2 AR-1221-1	3.848	3.129	880447	215461	17.816	9.441 #
9)	L2 AR-1221-2	3.945	3.207	1594840	781871	44.021	45.601
10)	L2 AR-1221-3	4.023	3.290	2377901	1399250	22.581	26.725
11)	L3 AR-1232-1	4.023	3.290	2377901	1399250	27.417	32.432
12)	L3 AR-1232-2	4.571	4.031	3269867	2668425	76.186	66.373
13)	L3 AR-1232-3	4.878	4.208	4895307	1528346	66.893	70.773
14)	L3 AR-1232-4	5.044	4.299	2380638	1353057	68.972	73.695
15)	L3 AR-1232-5	5.148	4.474	1872549	1398889	75.054	67.652
16)	L4 AR-1242-1	4.856	4.014	3704720	1838282	39.389	34.279
17)	L4 AR-1242-2	4.878	4.031	4895307	2668425	36.136	35.677
18)	L4 AR-1242-3	4.942	4.208	2999276	1528346	37.646	37.651
19)	L4 AR-1242-4	5.044	4.299	2380638	1353057	37.800	35.943
20)	L4 AR-1242-5	5.832	4.841	2804089	1617987	48.690	32.685 #
21)	L5 AR-1248-1	4.856	4.014	3704720	1838282	50.963	45.171
22)	L5 AR-1248-2	5.148	4.258	1872549	1145796	21.060	20.702
23)	L5 AR-1248-3	5.359	4.299	2331600	1353057	23.431	24.060
24)	L5 AR-1248-4	5.793	4.474	2253830	1398889	23.062	20.614
25)	L5 AR-1248-5	5.832	4.882	2804089	1405134	28.722	19.702 #
26)	L6 AR-1254-1	5.762	4.841	2345107	1617987	22.898	14.808 #
27)	L6 AR-1254-2	6.000	4.998	2291609	501961	15.589	5.184 #
28)	L6 AR-1254-3	6.390	5.418	1197496	905500	8.174	5.945 #
29)	L6 AR-1254-4	6.705	5.661	837809	560194	8.082	5.685 #
30)	L6 AR-1254-5	7.157	6.104	497606	233804	4.589	1.726 #
31)	L7 AR-1260-1	0.000	5.559	0	617513	N.D.	6.129 #
32)	L7 AR-1260-2	0.000	5.757	0	193213	N.D.	1.580 #
33)	L7 AR-1260-3	0.000	5.918	0	231543	N.D.	2.047 #
34)	L7 AR-1260-4	7.476	6.417	410291	162003	3.996	1.693 #
35)	L7 AR-1260-5	7.826	6.683	288592	200008	1.485	0.891 #
37)	L8 AR-1262-2	7.826	6.417	288592	162003	1.352	1.327
38)	L8 AR-1262-3	8.131	6.988	306095	537531	2.076	5.585 #
39)	L8 AR-1262-4	8.215	7.052	385083	463794	6.128	2.549 #
41)	L9 AR-1268-1	8.131	6.988	306095	537531	1.228	1.911 #
42)	L9 AR-1268-2	8.215	7.052	385083	463794	1.687	1.813
43)	L9 AR-1268-3	8.427	7.273	334227	476289	1.736	2.213 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.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
45) L9	AR-1268-5	9.218	7.881	403347	442628	0.660	0.650

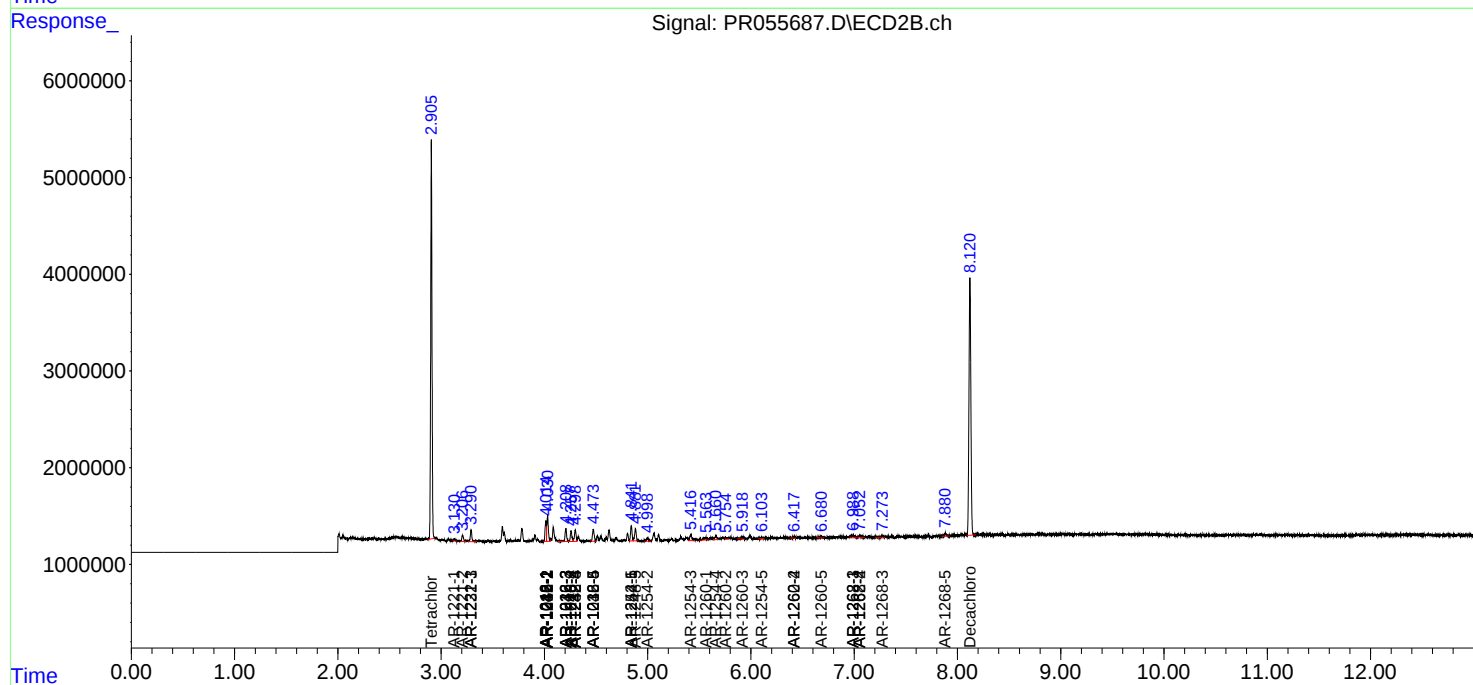
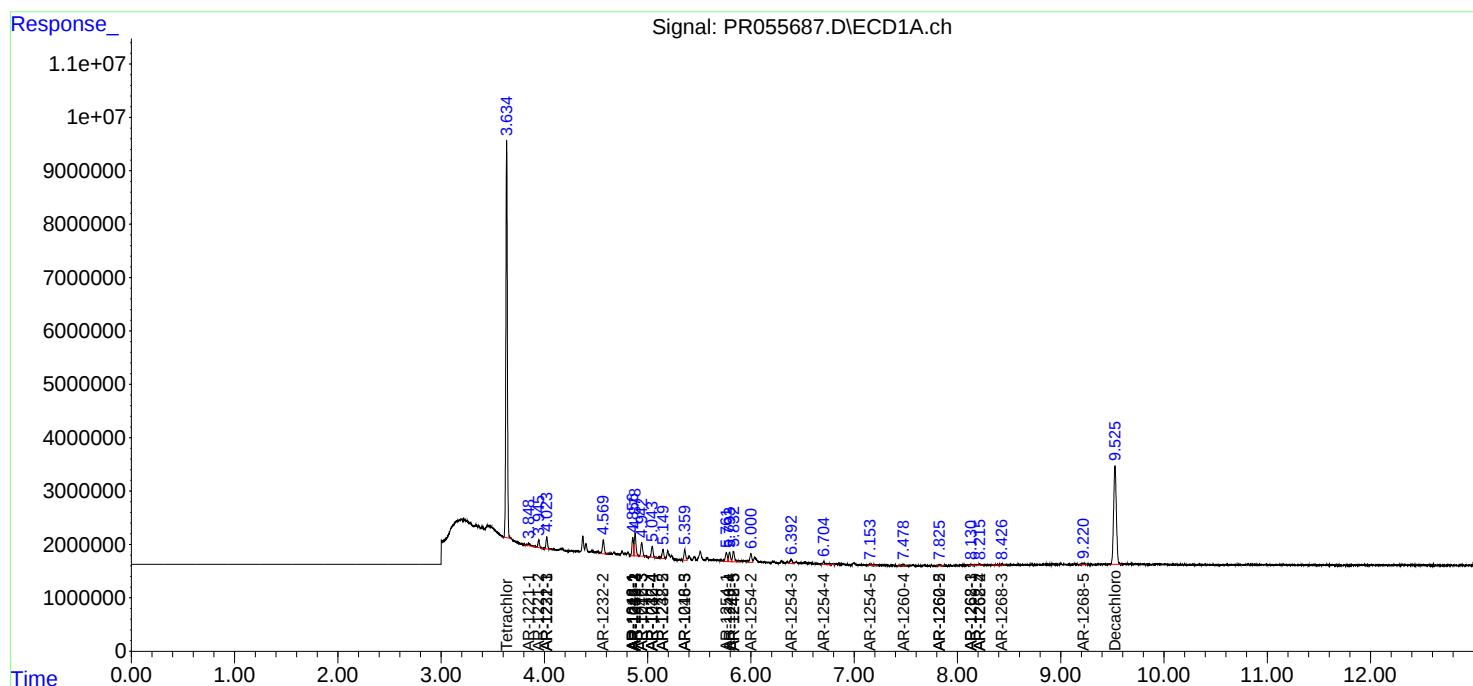
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

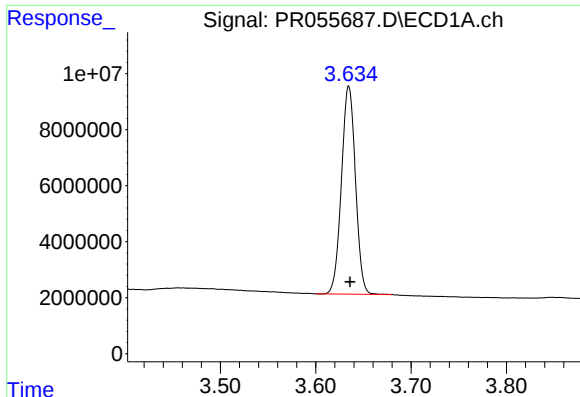
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

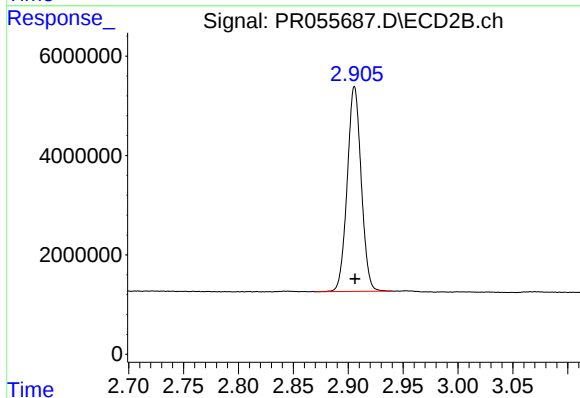




#1 Tetrachloro-m-xylene

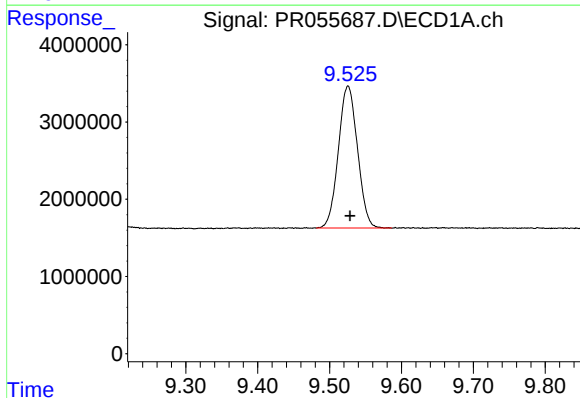
R.T.: 3.635 min
Delta R.T.: -0.001 min
Response: 75880098
Conc: 17.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



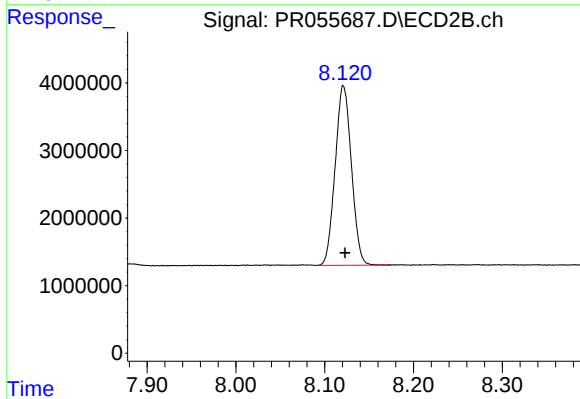
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 36608845
Conc: 18.23 ng/ml



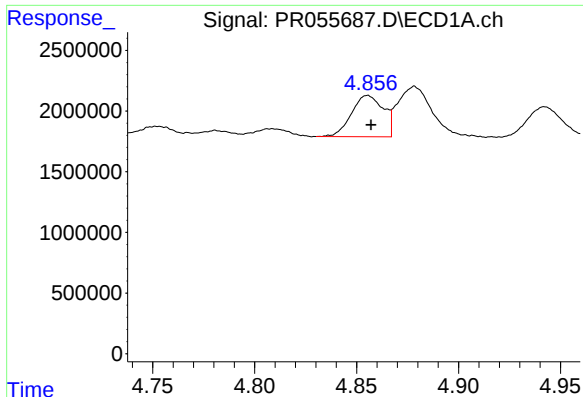
#2 Decachlorobiphenyl

R.T.: 9.526 min
Delta R.T.: -0.003 min
Response: 33918701
Conc: 19.08 ng/ml



#2 Decachlorobiphenyl

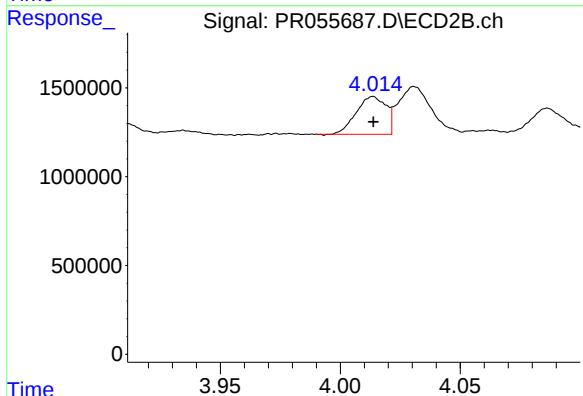
R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 33807713
Conc: 18.59 ng/ml



#3 AR-1016-1

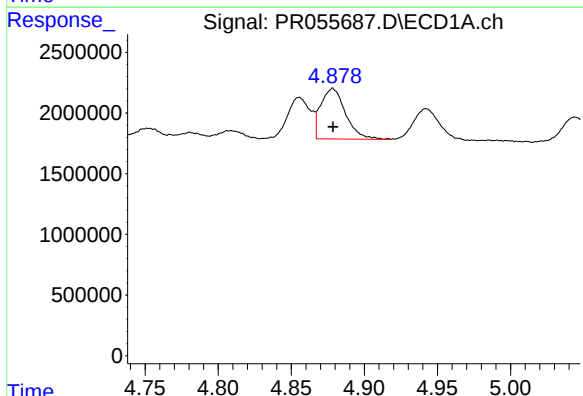
R.T.: 4.856 min
Delta R.T.: -0.001 min
Response: 3704720
Conc: 31.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



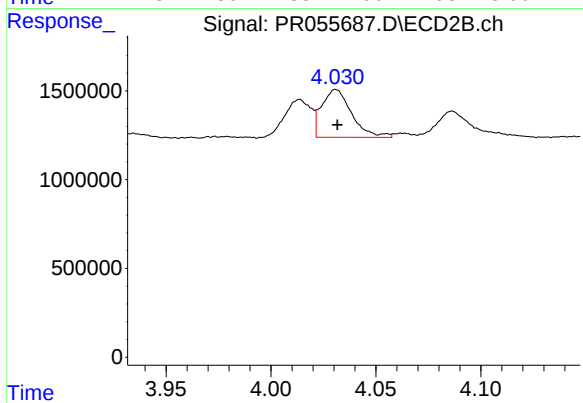
#3 AR-1016-1

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1838282
Conc: 28.39 ng/ml



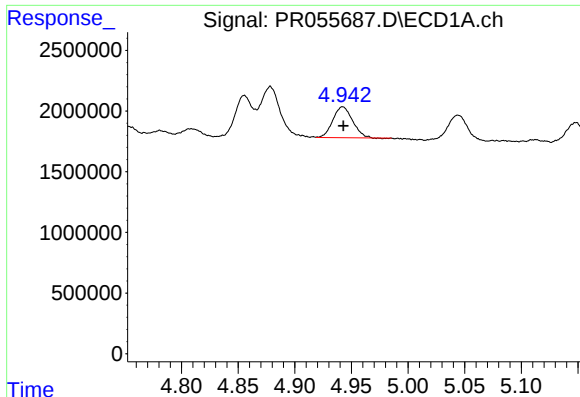
#4 AR-1016-2

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 4895307
Conc: 29.83 ng/ml



#4 AR-1016-2

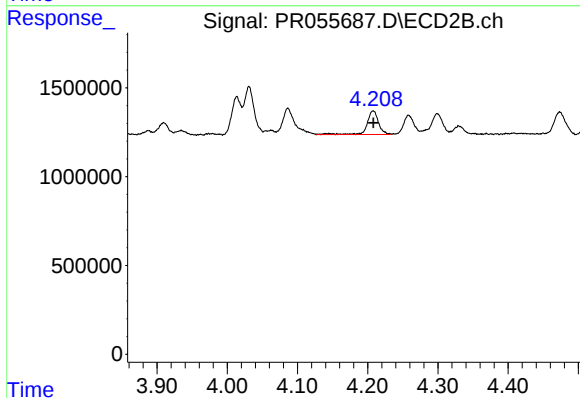
R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 2668425
Conc: 29.22 ng/ml



#5 AR-1016-3

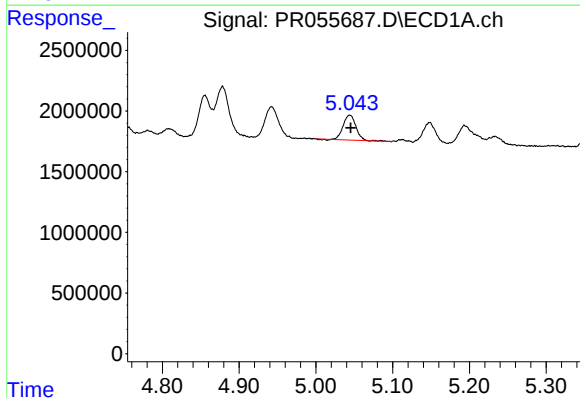
R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 2999276
Conc: 30.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



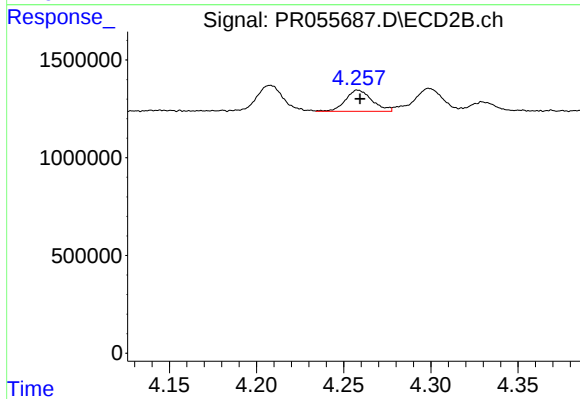
#5 AR-1016-3

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 1528346
Conc: 29.97 ng/ml



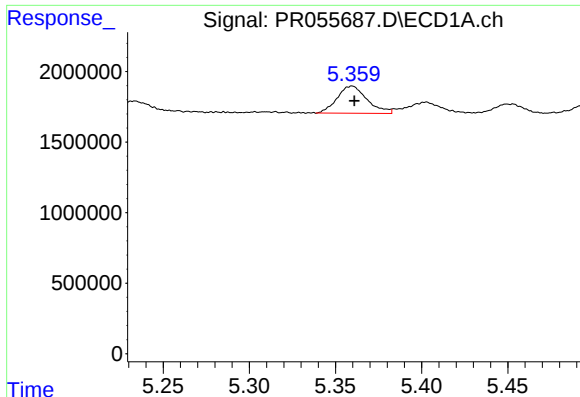
#6 AR-1016-4

R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 2380638
Conc: 30.05 ng/ml



#6 AR-1016-4

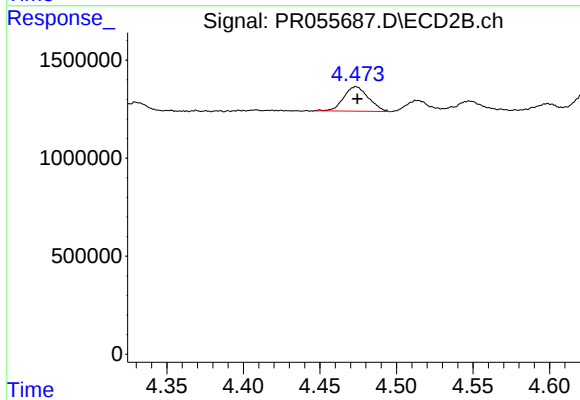
R.T.: 4.258 min
Delta R.T.: -0.001 min
Response: 1145796
Conc: 30.16 ng/ml



#7 AR-1016-5

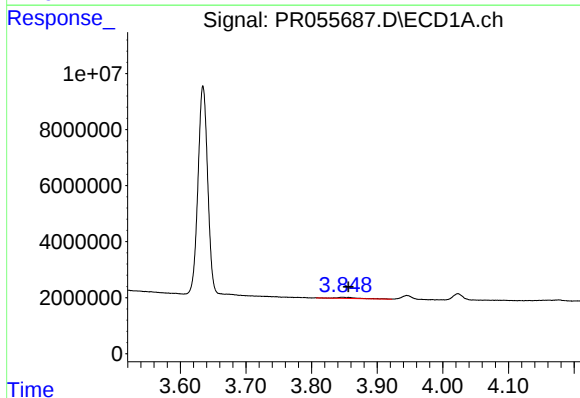
R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 2331600
Conc: 32.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



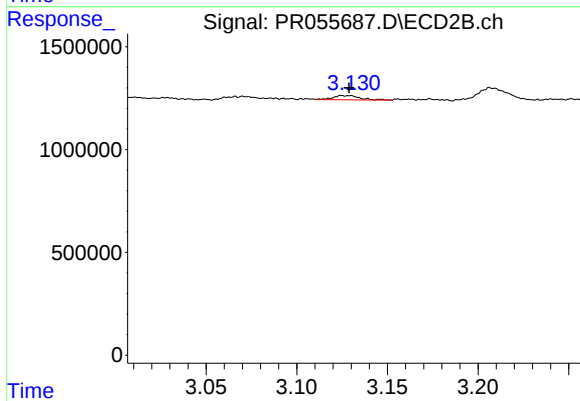
#7 AR-1016-5

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 1398889
Conc: 28.36 ng/ml



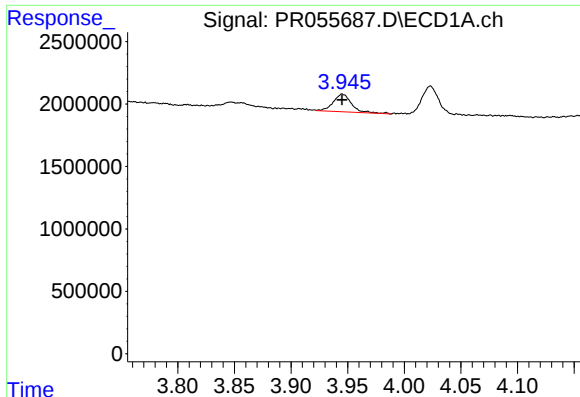
#8 AR-1221-1

R.T.: 3.848 min
Delta R.T.: -0.008 min
Response: 880447
Conc: 17.82 ng/ml



#8 AR-1221-1

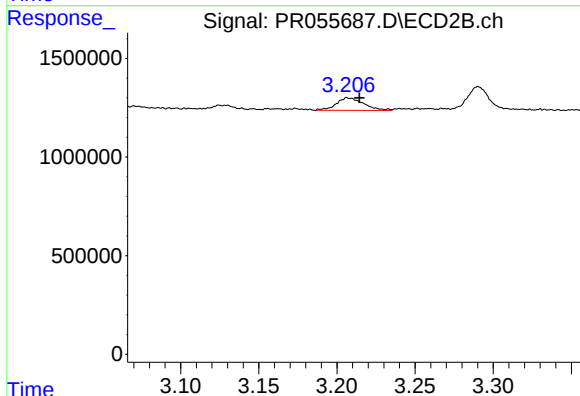
R.T.: 3.129 min
Delta R.T.: 0.000 min
Response: 215461
Conc: 9.44 ng/ml



#9 AR-1221-2

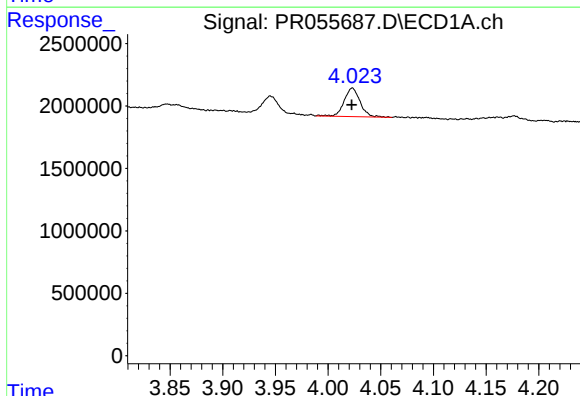
R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 1594840
Conc: 44.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



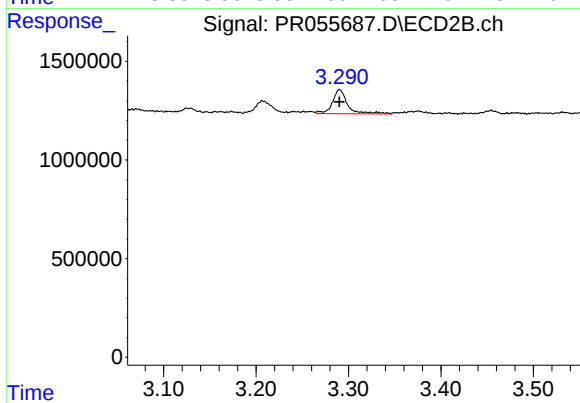
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.007 min
Response: 781871
Conc: 45.60 ng/ml



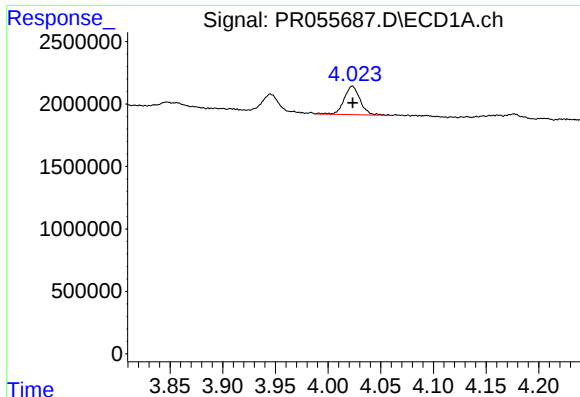
#10 AR-1221-3

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2377901
Conc: 22.58 ng/ml



#10 AR-1221-3

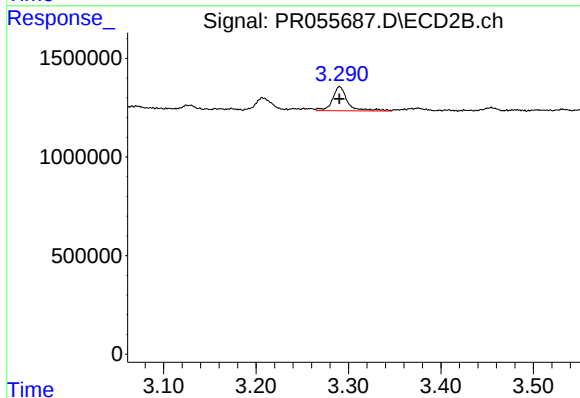
R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 1399250
Conc: 26.72 ng/ml



#11 AR-1232-1

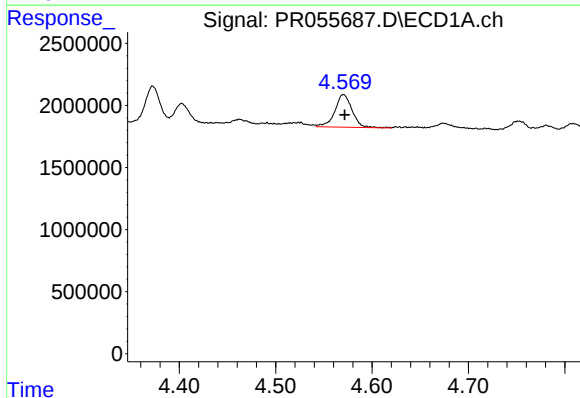
R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2377901
Conc: 27.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



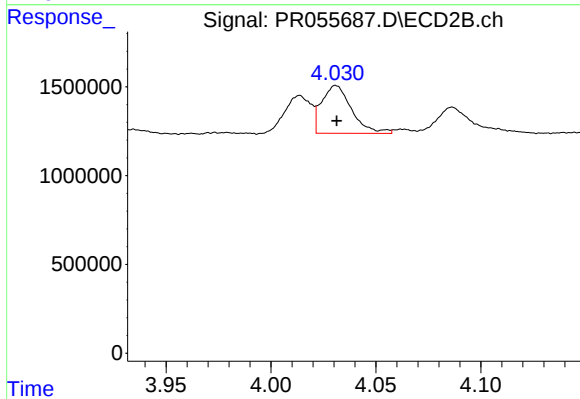
#11 AR-1232-1

R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 1399250
Conc: 32.43 ng/ml



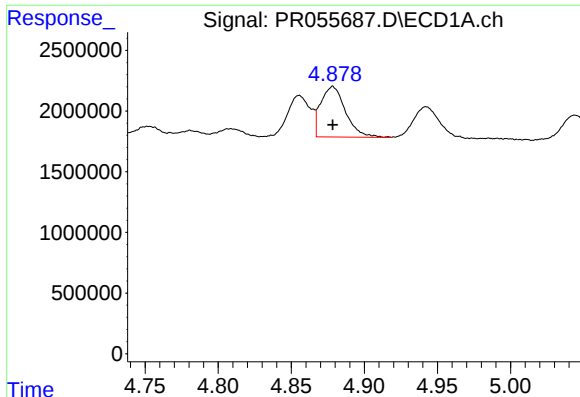
#12 AR-1232-2

R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 3269867
Conc: 76.19 ng/ml



#12 AR-1232-2

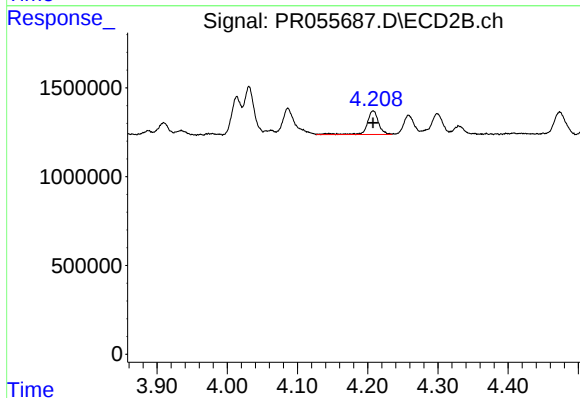
R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 2668425
Conc: 66.37 ng/ml



#13 AR-1232-3

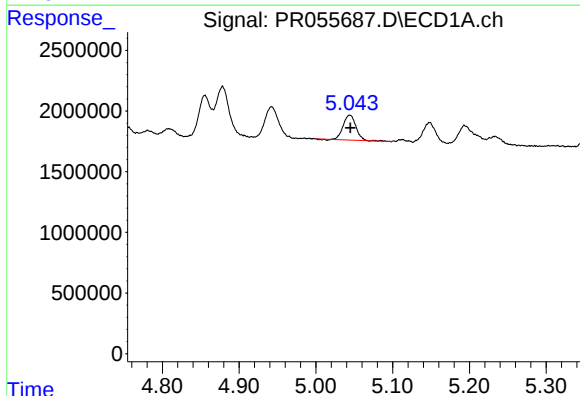
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 4895307
Conc: 66.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



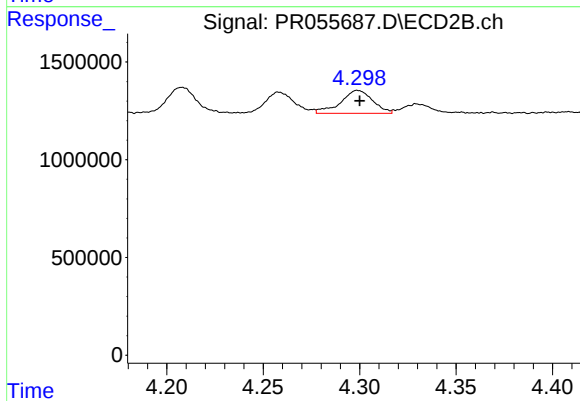
#13 AR-1232-3

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 1528346
Conc: 70.77 ng/ml



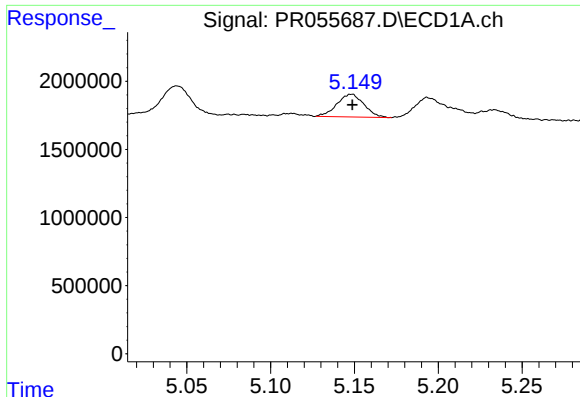
#14 AR-1232-4

R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 2380638
Conc: 68.97 ng/ml



#14 AR-1232-4

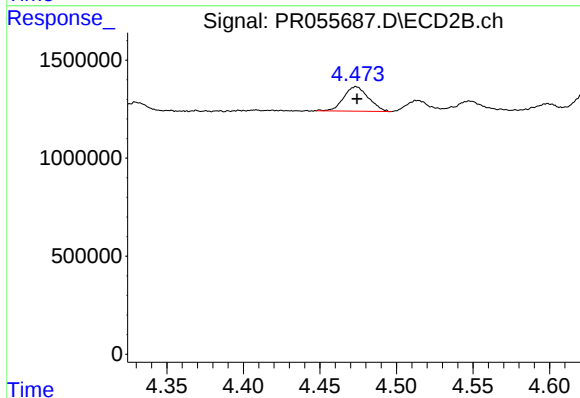
R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 1353057
Conc: 73.69 ng/ml



#15 AR-1232-5

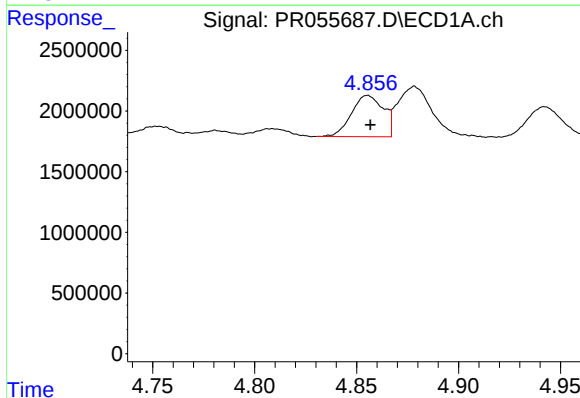
R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 1872549
Conc: 75.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



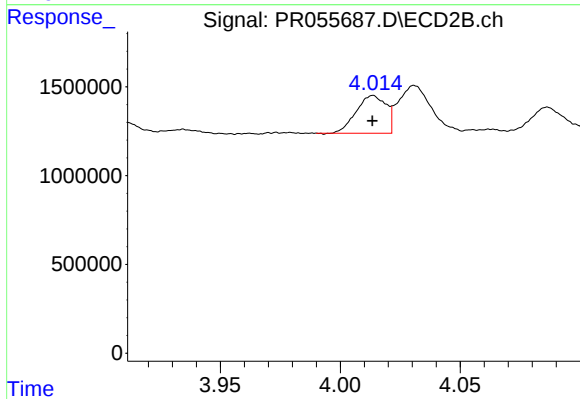
#15 AR-1232-5

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 1398889
Conc: 67.65 ng/ml



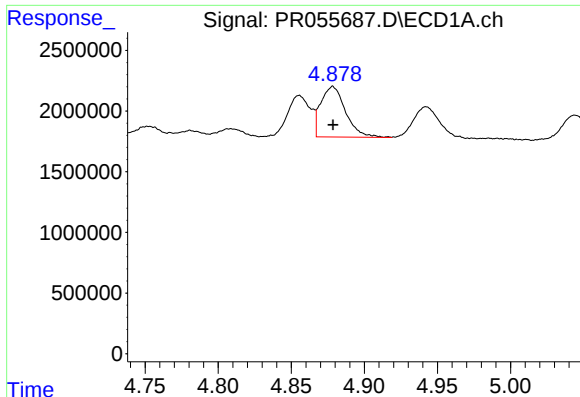
#16 AR-1242-1

R.T.: 4.856 min
Delta R.T.: -0.001 min
Response: 3704720
Conc: 39.39 ng/ml



#16 AR-1242-1

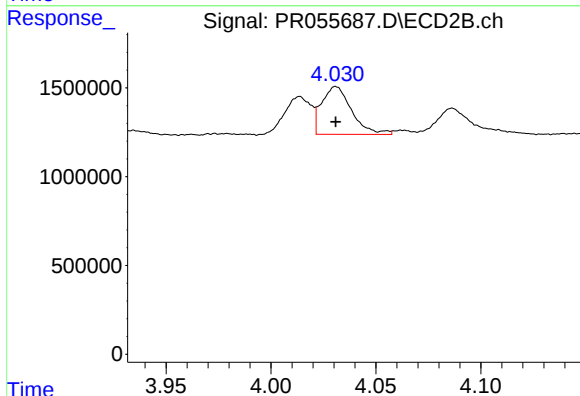
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1838282
Conc: 34.28 ng/ml



#17 AR-1242-2

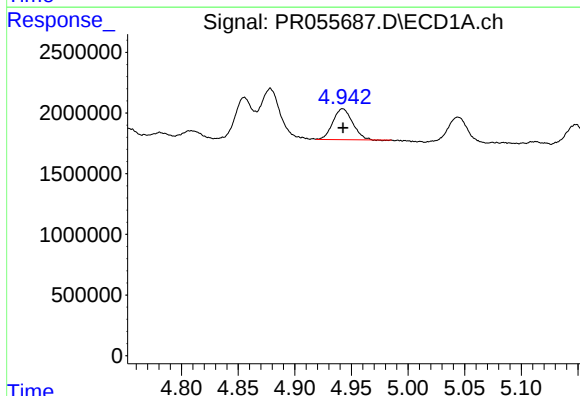
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 4895307
Conc: 36.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



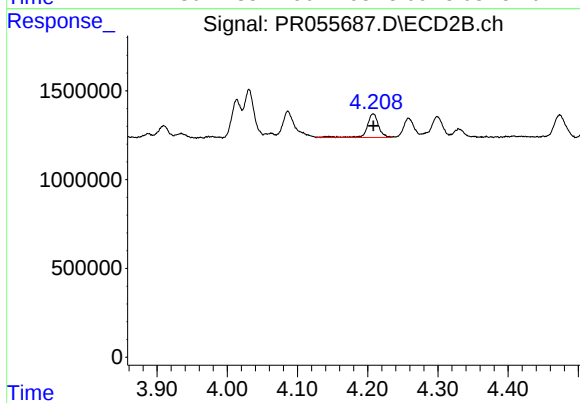
#17 AR-1242-2

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 2668425
Conc: 35.68 ng/ml



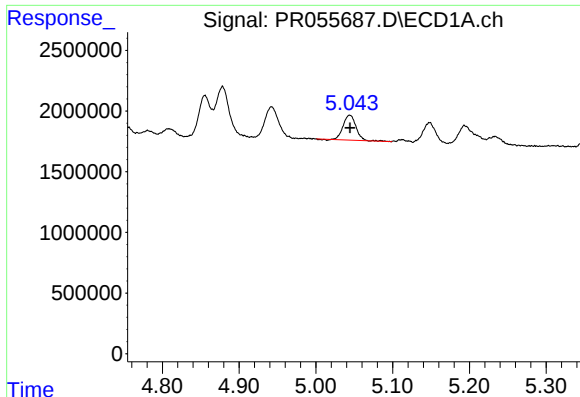
#18 AR-1242-3

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 2999276
Conc: 37.65 ng/ml



#18 AR-1242-3

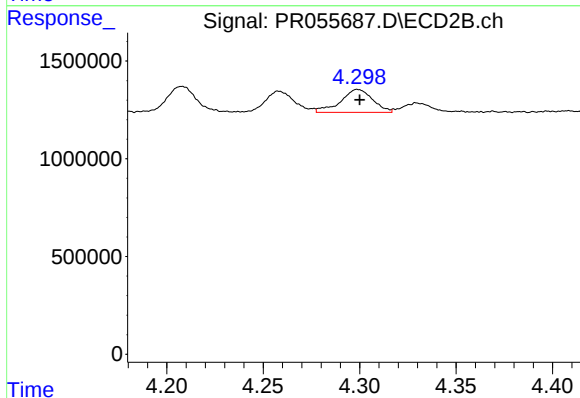
R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 1528346
Conc: 37.65 ng/ml



#19 AR-1242-4

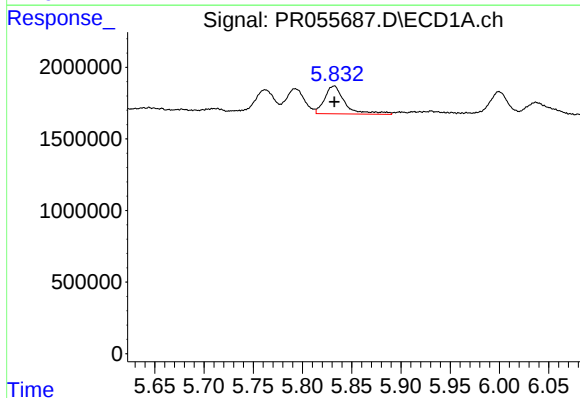
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 2380638
Conc: 37.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



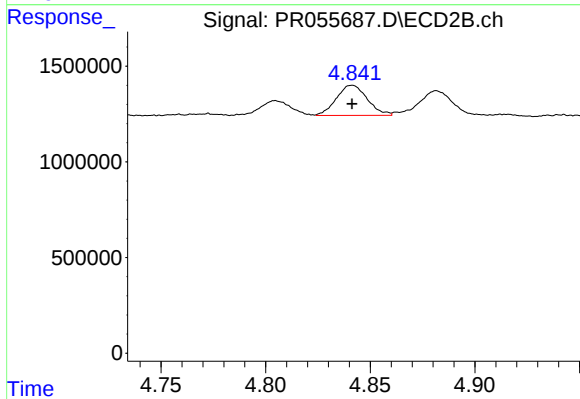
#19 AR-1242-4

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 1353057
Conc: 35.94 ng/ml



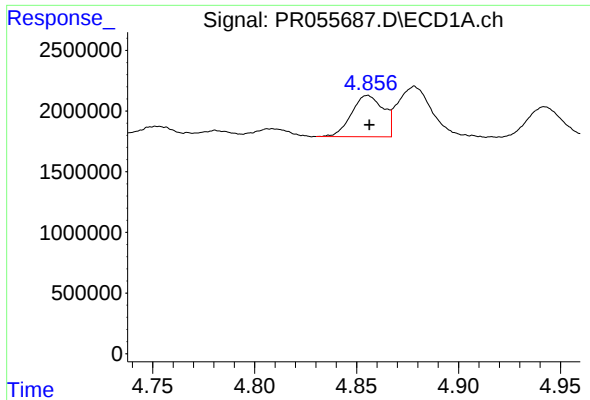
#20 AR-1242-5

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 2804089
Conc: 48.69 ng/ml



#20 AR-1242-5

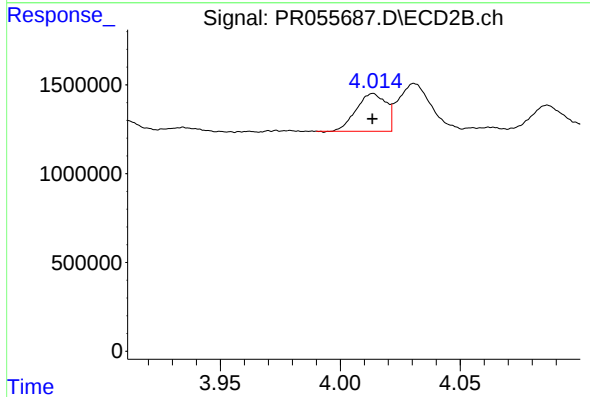
R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 1617987
Conc: 32.68 ng/ml



#21 AR-1248-1

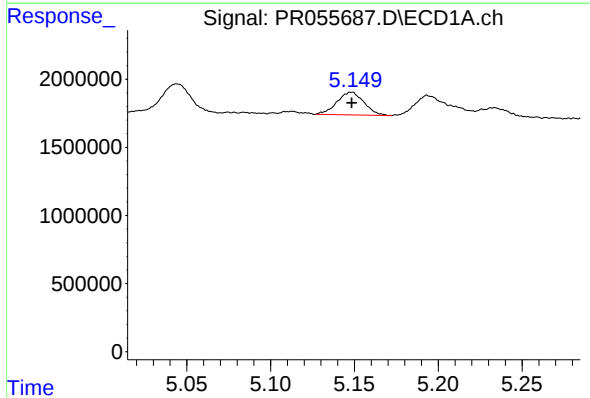
R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 3704720
Conc: 50.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



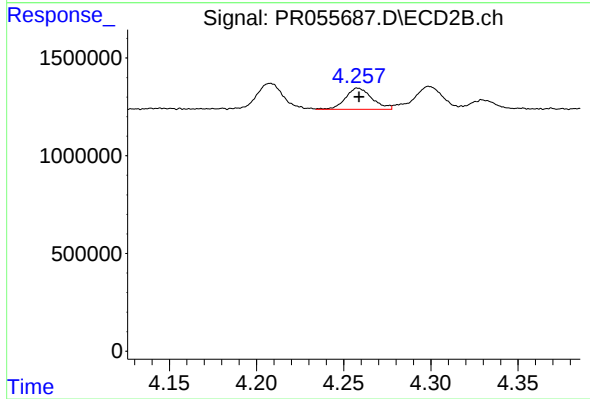
#21 AR-1248-1

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1838282
Conc: 45.17 ng/ml



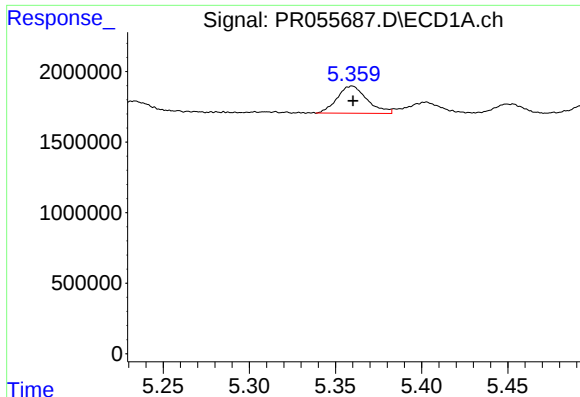
#22 AR-1248-2

R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 1872549
Conc: 21.06 ng/ml



#22 AR-1248-2

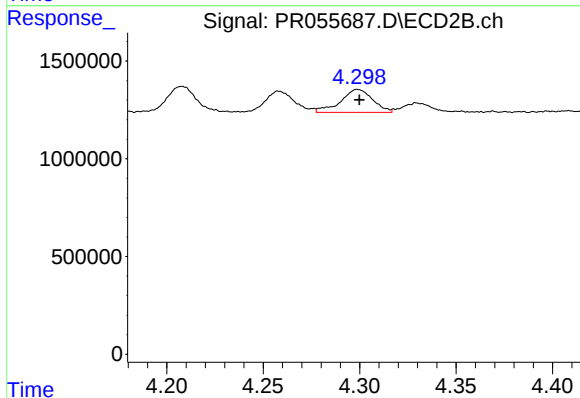
R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1145796
Conc: 20.70 ng/ml



#23 AR-1248-3

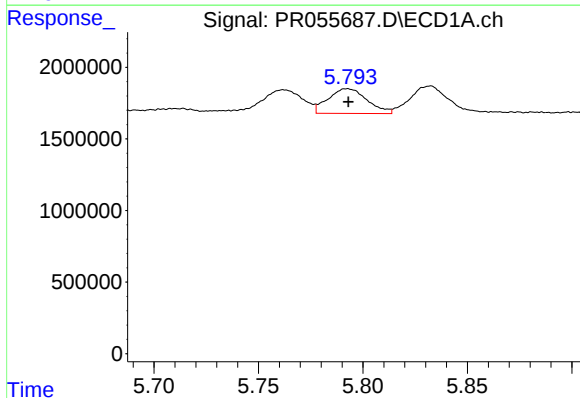
R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 2331600
Conc: 23.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



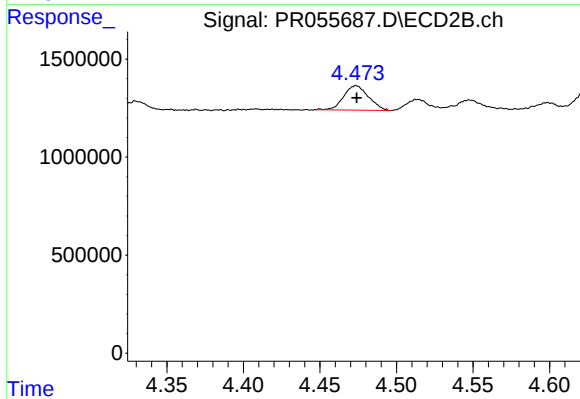
#23 AR-1248-3

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 1353057
Conc: 24.06 ng/ml



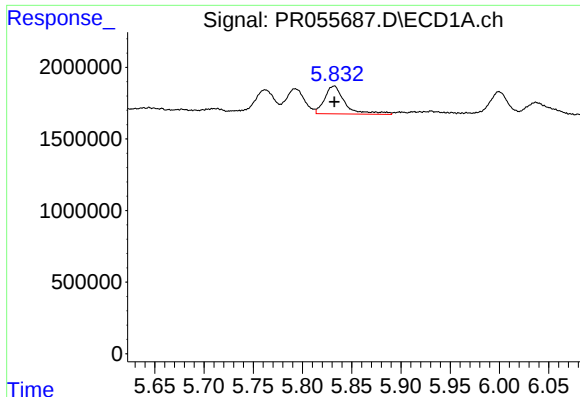
#24 AR-1248-4

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 2253830
Conc: 23.06 ng/ml



#24 AR-1248-4

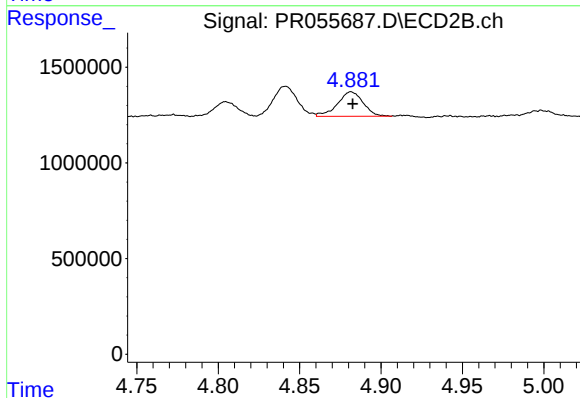
R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 1398889
Conc: 20.61 ng/ml



#25 AR-1248-5

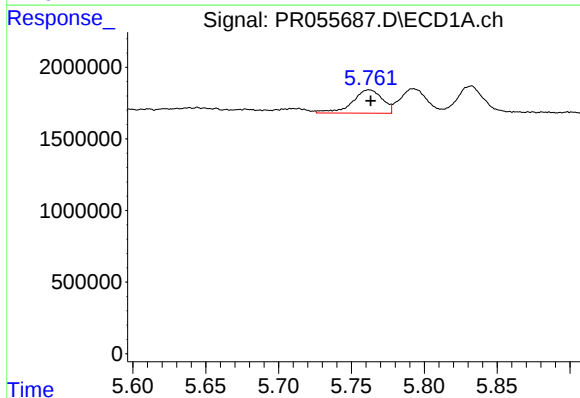
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 2804089
Conc: 28.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



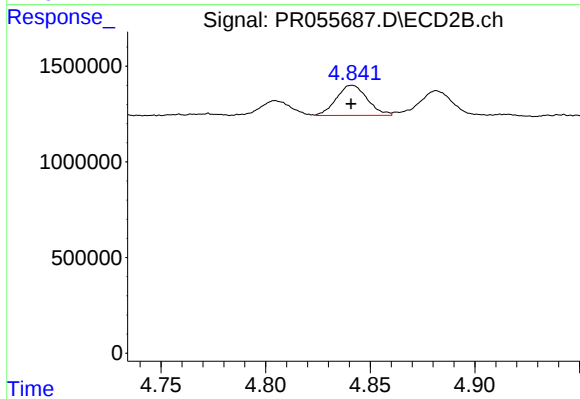
#25 AR-1248-5

R.T.: 4.882 min
Delta R.T.: 0.000 min
Response: 1405134
Conc: 19.70 ng/ml



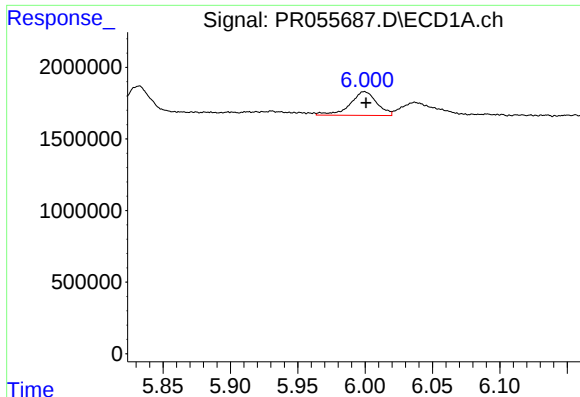
#26 AR-1254-1

R.T.: 5.762 min
Delta R.T.: -0.001 min
Response: 2345107
Conc: 22.90 ng/ml



#26 AR-1254-1

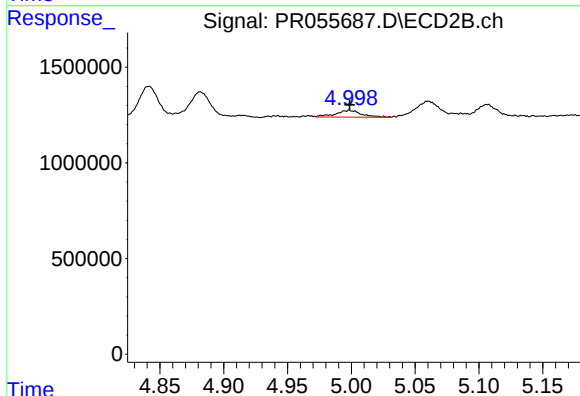
R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 1617987
Conc: 14.81 ng/ml



#27 AR-1254-2

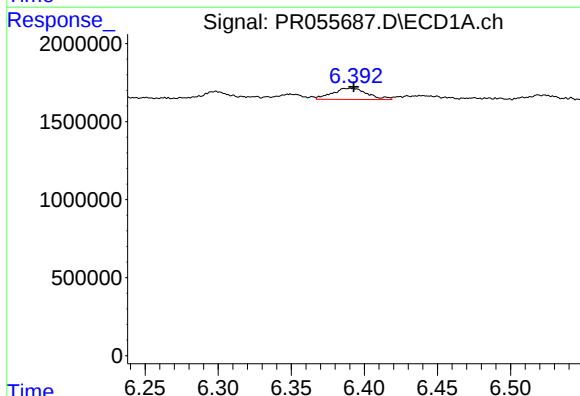
R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 2291609
Conc: 15.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



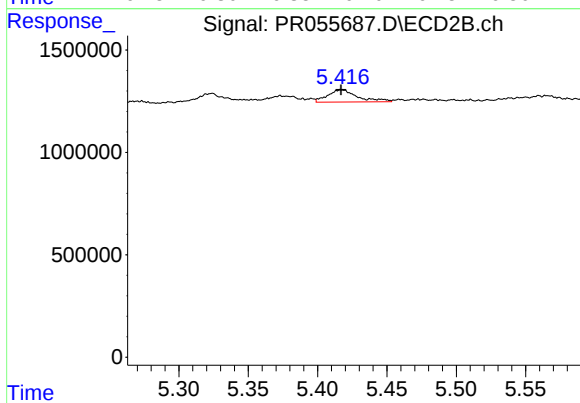
#27 AR-1254-2

R.T.: 4.998 min
Delta R.T.: 0.000 min
Response: 501961
Conc: 5.18 ng/ml



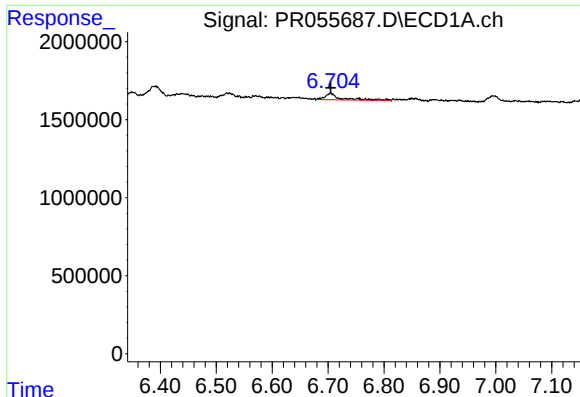
#28 AR-1254-3

R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 1197496
Conc: 8.17 ng/ml



#28 AR-1254-3

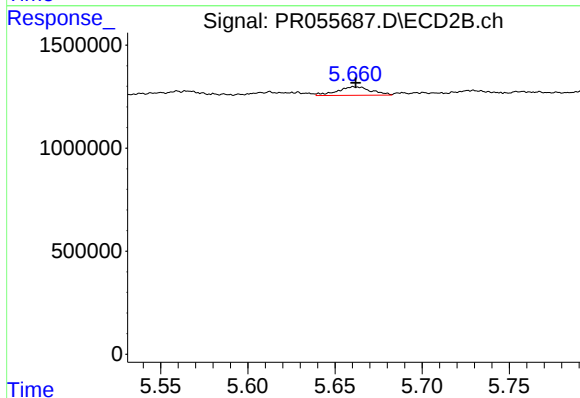
R.T.: 5.418 min
Delta R.T.: 0.000 min
Response: 905500
Conc: 5.94 ng/ml



#29 AR-1254-4

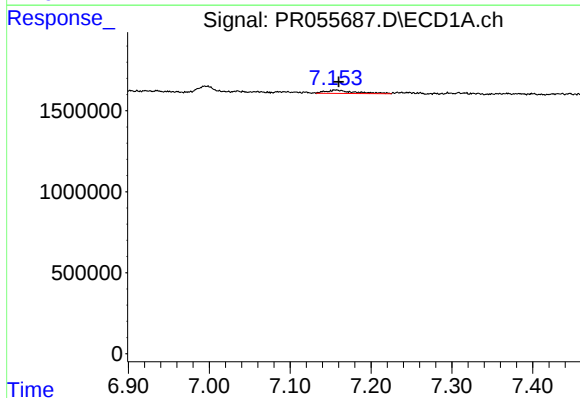
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 837809
Conc: 8.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



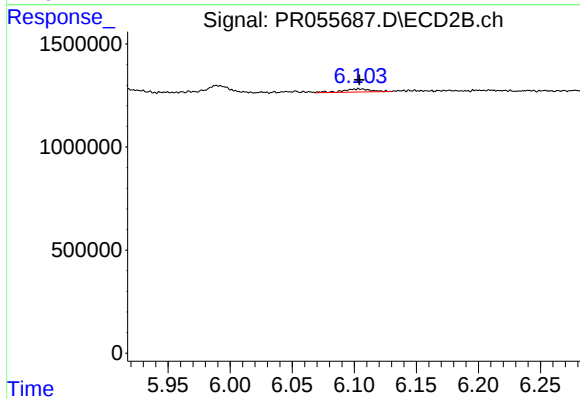
#29 AR-1254-4

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 560194
Conc: 5.69 ng/ml



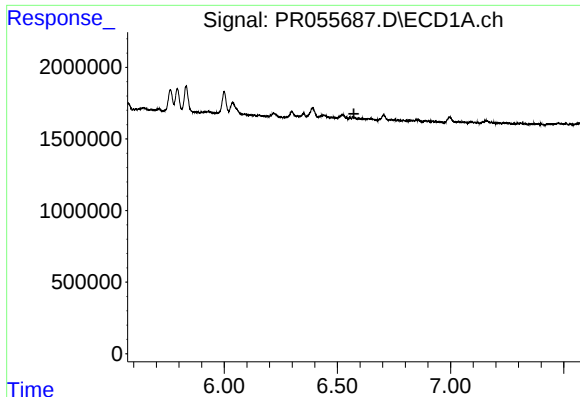
#30 AR-1254-5

R.T.: 7.157 min
Delta R.T.: -0.003 min
Response: 497606
Conc: 4.59 ng/ml



#30 AR-1254-5

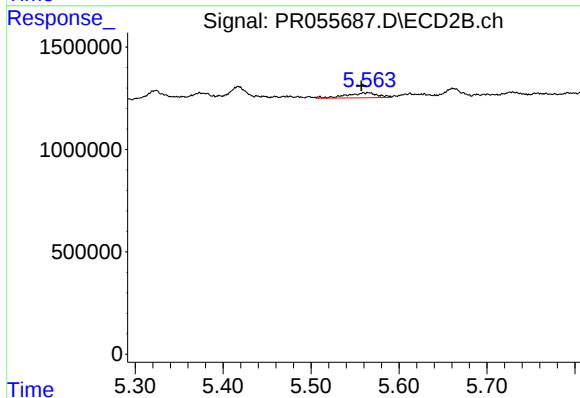
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 233804
Conc: 1.73 ng/ml



#31 AR-1260-1

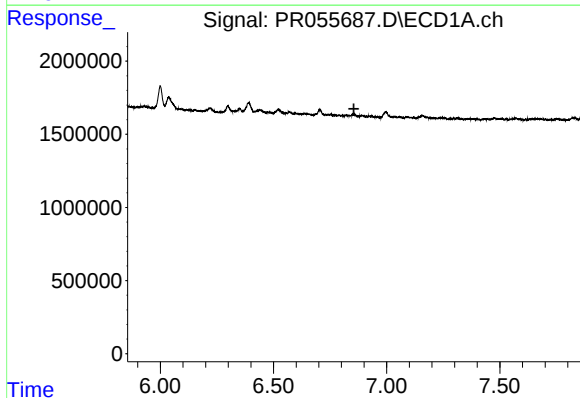
R.T.: 0.000 min
Exp R.T.: 6.573 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



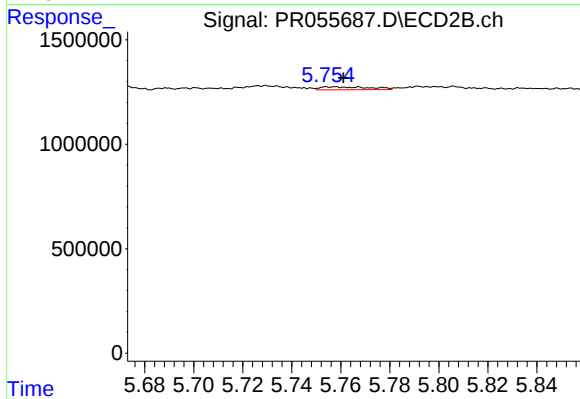
#31 AR-1260-1

R.T.: 5.559 min
Delta R.T.: 0.002 min
Response: 617513
Conc: 6.13 ng/ml



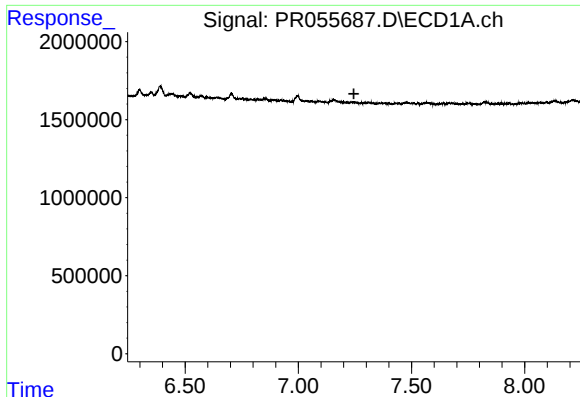
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 6.855 min
Response: 0
Conc: N.D.



#32 AR-1260-2

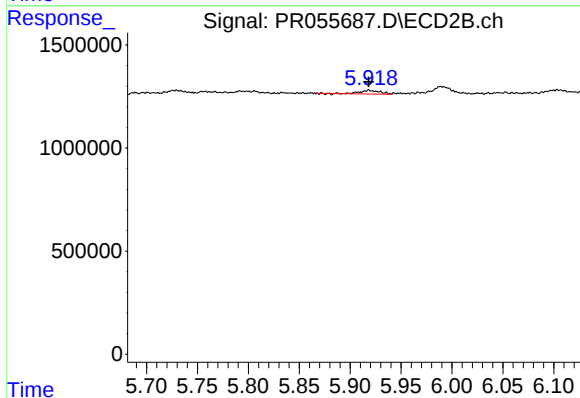
R.T.: 5.757 min
Delta R.T.: -0.004 min
Response: 193213
Conc: 1.58 ng/ml



#33 AR-1260-3

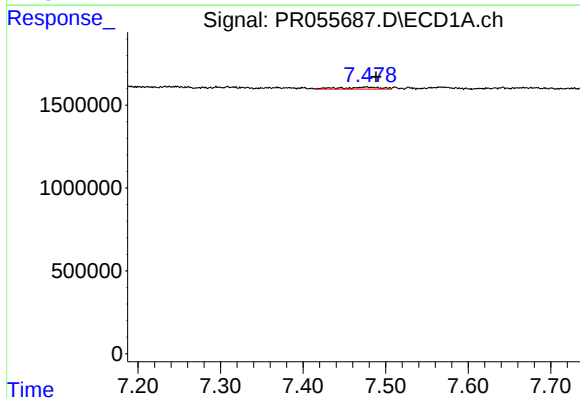
R.T.: 0.000 min
Exp R.T.: 7.246 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



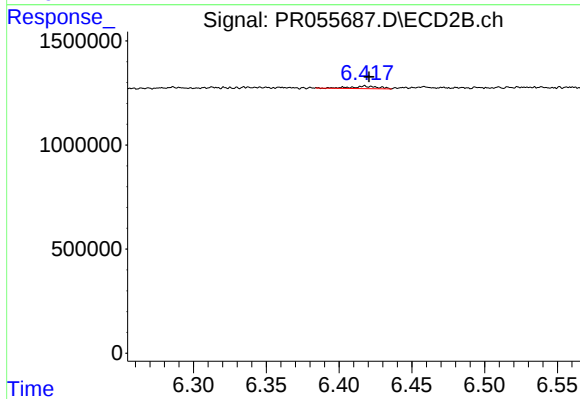
#33 AR-1260-3

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 231543
Conc: 2.05 ng/ml



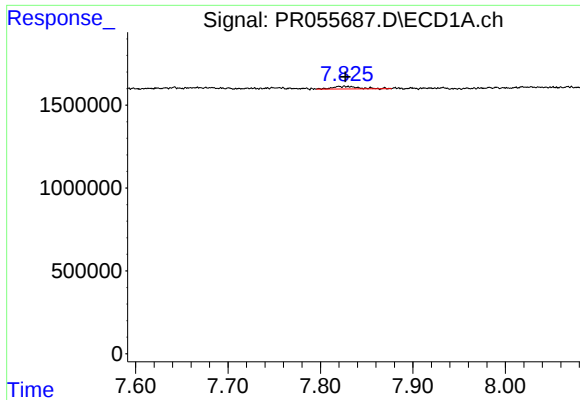
#34 AR-1260-4

R.T.: 7.476 min
Delta R.T.: -0.012 min
Response: 410291
Conc: 4.00 ng/ml



#34 AR-1260-4

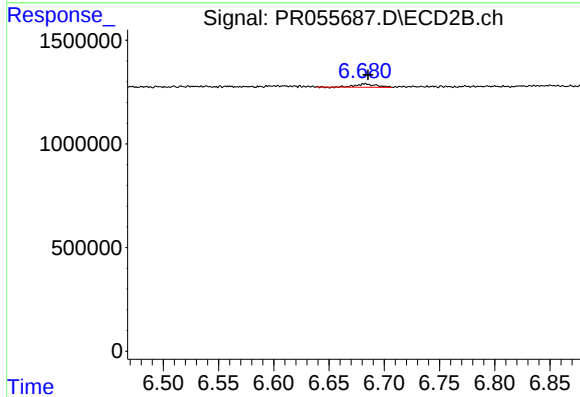
R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 162003
Conc: 1.69 ng/ml



#35 AR-1260-5

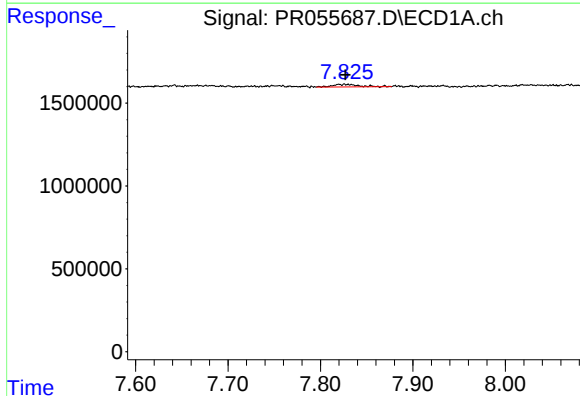
R.T.: 7.826 min
Delta R.T.: -0.001 min
Response: 288592
Conc: 1.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



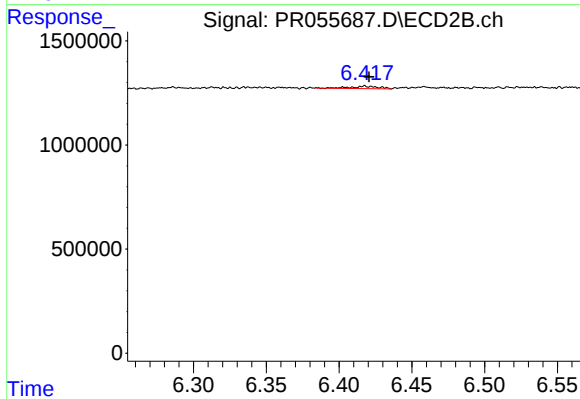
#35 AR-1260-5

R.T.: 6.683 min
Delta R.T.: -0.003 min
Response: 200008
Conc: 0.89 ng/ml



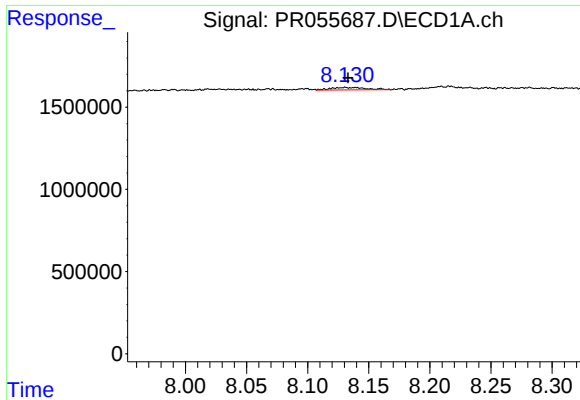
#37 AR-1262-2

R.T.: 7.826 min
Delta R.T.: -0.001 min
Response: 288592
Conc: 1.35 ng/ml



#37 AR-1262-2

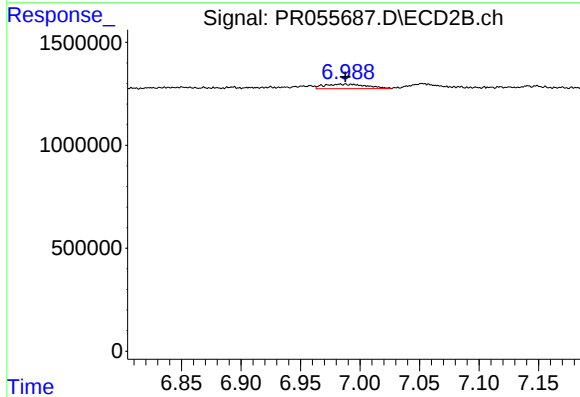
R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 162003
Conc: 1.33 ng/ml



#38 AR-1262-3

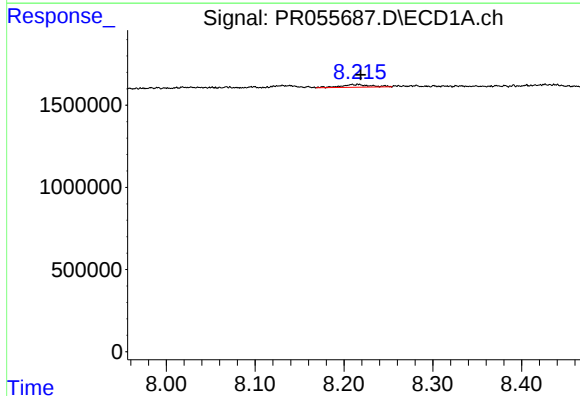
R.T.: 8.131 min
Delta R.T.: -0.002 min
Response: 306095
Conc: 2.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



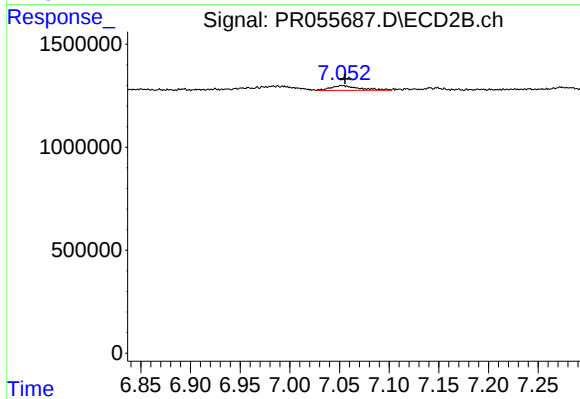
#38 AR-1262-3

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 537531
Conc: 5.58 ng/ml



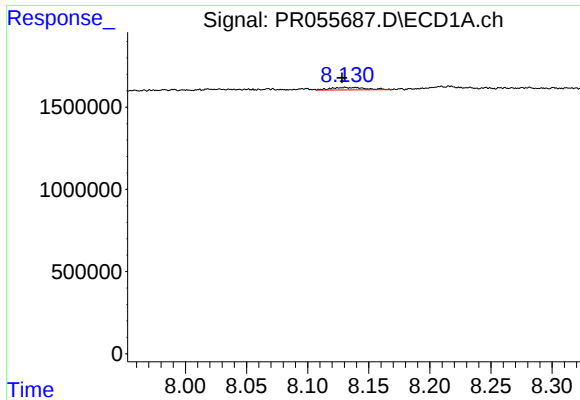
#39 AR-1262-4

R.T.: 8.215 min
Delta R.T.: -0.003 min
Response: 385083
Conc: 6.13 ng/ml



#39 AR-1262-4

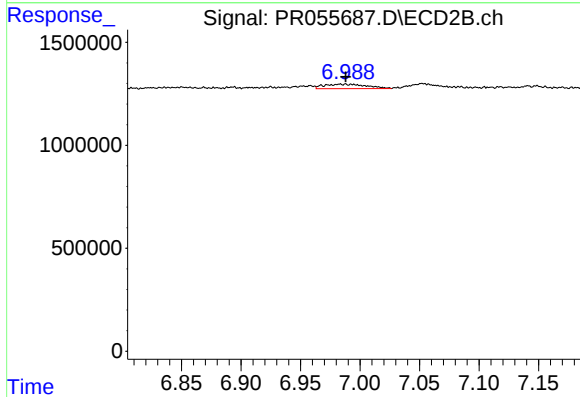
R.T.: 7.052 min
Delta R.T.: -0.003 min
Response: 463794
Conc: 2.55 ng/ml



#41 AR-1268-1

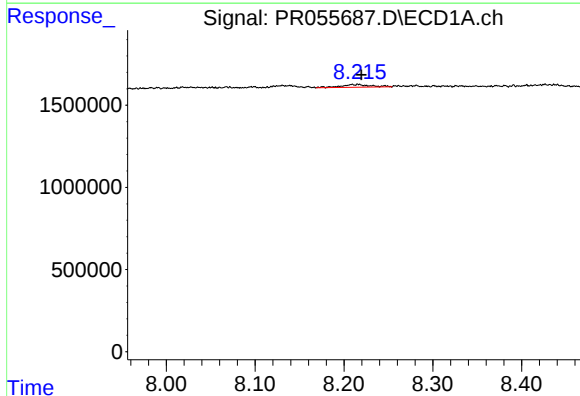
R.T.: 8.131 min
Delta R.T.: 0.003 min
Response: 306095
Conc: 1.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



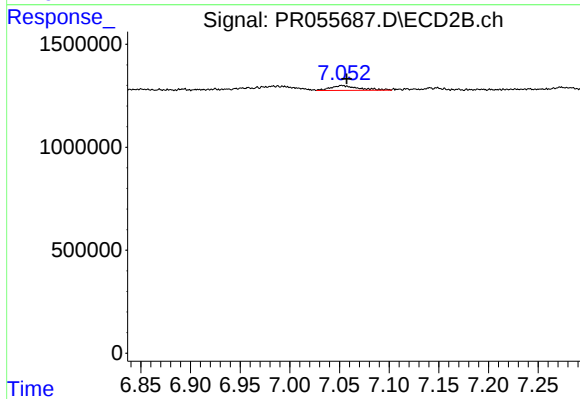
#41 AR-1268-1

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 537531
Conc: 1.91 ng/ml



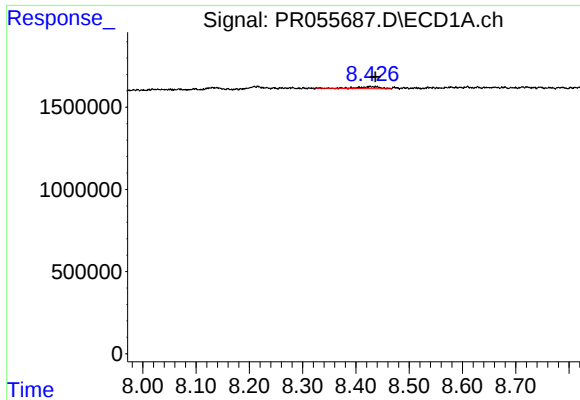
#42 AR-1268-2

R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 385083
Conc: 1.69 ng/ml



#42 AR-1268-2

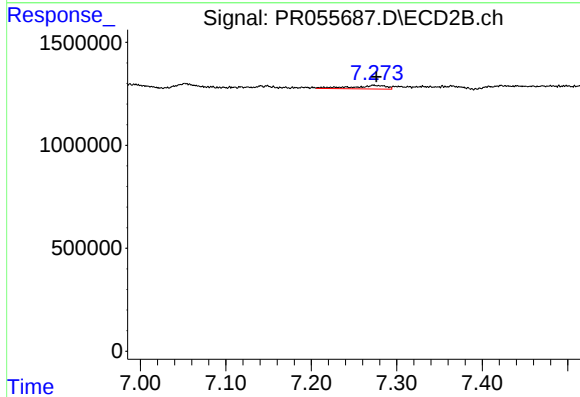
R.T.: 7.052 min
Delta R.T.: -0.005 min
Response: 463794
Conc: 1.81 ng/ml



#43 AR-1268-3

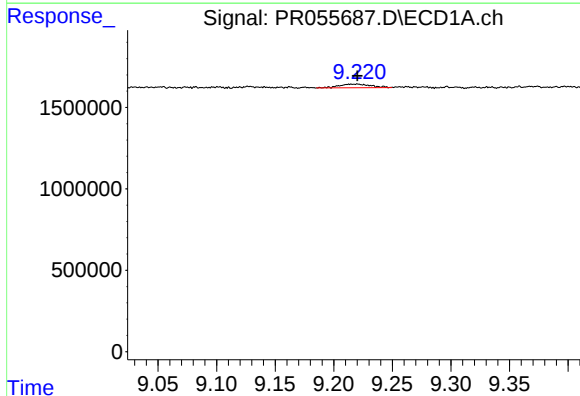
R.T.: 8.427 min
Delta R.T.: -0.009 min
Response: 334227
Conc: 1.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



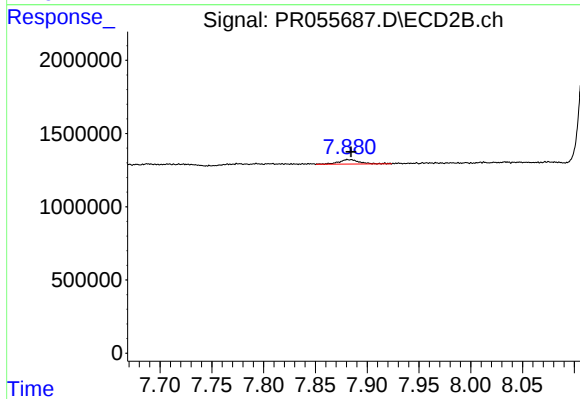
#43 AR-1268-3

R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 476289
Conc: 2.21 ng/ml



#45 AR-1268-5

R.T.: 9.218 min
Delta R.T.: -0.002 min
Response: 403347
Conc: 0.66 ng/ml



#45 AR-1268-5

R.T.: 7.881 min
Delta R.T.: -0.003 min
Response: 442628
Conc: 0.65 ng/ml