

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102522\
 Data File : PR057646.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2022 10:12
 Operator : AJ\MA
 Sample : N4955-08
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 23:25:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 24 18:17:24 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...	3.691	2.924	46784474	41793157	22.273	20.771
2)	SA Decachlor...	9.630	8.181	50477463	52802847	22.830	22.364
Target Compounds							
3)	L1 AR-1016-1	4.920	4.040	3710682	2982373	47.642	46.343
4)	L1 AR-1016-2	4.943	4.058	4921736	4045074	46.527	42.110
5)	L1 AR-1016-3	5.008	4.236	3332596	2150243	49.228	40.420
6)	L1 AR-1016-4	5.111	4.288	2519131	1393204	45.139	40.428
7)	L1 AR-1016-5	5.429	4.504	2623557	1993761	42.648	39.950
8)	L2 AR-1221-1	3.932f	3.147	6351639	274680	222.840	12.016 #
9)	L2 AR-1221-2	4.004	3.228	1692587	808412	81.484	45.157 #
10)	L2 AR-1221-3	4.081	3.312	2142817	1621032	35.533	30.077
11)	L3 AR-1232-1	4.081	3.312	2142817	1621032	46.431	39.555
12)	L3 AR-1232-2	4.634	4.058	2560227	4045074	95.292	92.637
13)	L3 AR-1232-3	4.943	4.236	4921736	2150243	99.301	88.084
14)	L3 AR-1232-4	5.111	4.329	2519131	1726286	97.638	93.640
15)	L3 AR-1232-5	5.215	4.504	2179532	1993761	113.034	90.026
16)	L4 AR-1242-1	4.920	4.040	3710682	2982373	60.421	59.606
17)	L4 AR-1242-2	4.943	4.058	4921736	4045074	59.588	54.130
18)	L4 AR-1242-3	5.008	4.236	3332596	2150243	62.692	51.713
19)	L4 AR-1242-4	5.111	4.329	2519131	1726286	57.451	49.737
20)	L4 AR-1242-5	5.903	4.874	939211	2054603	14.909	42.474 #
21)	L5 AR-1248-1	4.920	4.040	3710682	2982373	80.632	78.386
22)	L5 AR-1248-2	5.215	4.288	2179532	1393204	35.428	29.404
23)	L5 AR-1248-3	5.429	4.329	2623557	1726286	32.757	34.566
24)	L5 AR-1248-4	5.864	4.504	1031749	1993761	9.761	30.943 #
25)	L5 AR-1248-5	5.903	4.915	939211	766948	8.999	11.136
26)	L6 AR-1254-1	5.834	4.874	3064043	2054603	28.093	21.243
27)	L6 AR-1254-2	6.072	5.033	3313023	1515392	18.395	17.969
28)	L6 AR-1254-3	6.466	5.454	1605059	846373	7.980	5.743 #
29)	L6 AR-1254-4	6.776	5.701	796781	206341	5.140	2.182 #
30)	L6 AR-1254-5	7.232	6.144	9848950	6259942	58.291	44.480
31)	L7 AR-1260-1	6.645	5.594	7401474	4273569	46.069	43.419
32)	L7 AR-1260-2	6.928	5.798	8856573	5216425	45.581	43.786
33)	L7 AR-1260-3	7.320	5.957	6313937	5232033	48.757	44.454
34)	L7 AR-1260-4	7.562	6.463	7126425	4231535	47.249	45.367
35)	L7 AR-1260-5	7.902	6.728	12832409	10101083	45.795	43.176
36)	L8 AR-1262-1	7.320	6.190	6313937	4192843	32.816	32.074
37)	L8 AR-1262-2	7.902	6.463	12832409	4231535	39.556	33.848
38)	L8 AR-1262-3	8.218	7.034	8231882	2288195	39.314	22.446 #
39)	L8 AR-1262-4	8.279f	7.101	5862112	8211847	70.186	39.768 #
40)	L8 AR-1262-5	8.926	7.640	3506829	2929084	34.232	29.937
41)	L9 AR-1268-1	8.218	7.034	8231882	2288195	23.002	7.314 #

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 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 5 Sample Multiplier: 1

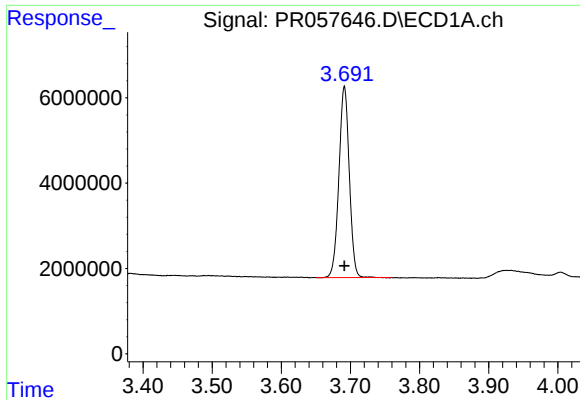
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 23:25:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102422.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.279f	7.101	5862112	8211847	18.353	25.689 #
43) L9	AR-1268-3	8.524	7.326	435804	383022	1.658	1.407
44) L9	AR-1268-4	8.926	7.640	3506829	2929084	30.950	26.780
45) L9	AR-1268-5	9.317	7.936	1089380	1304209	1.370	1.312

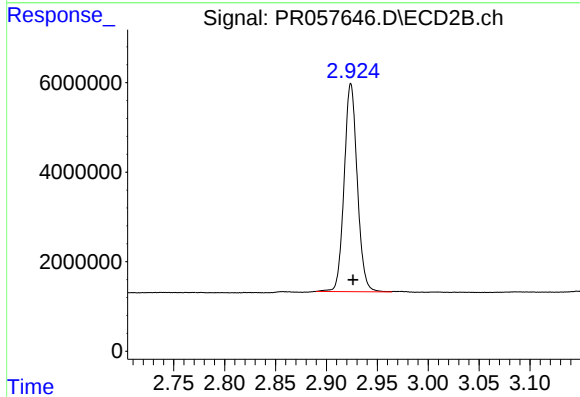
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

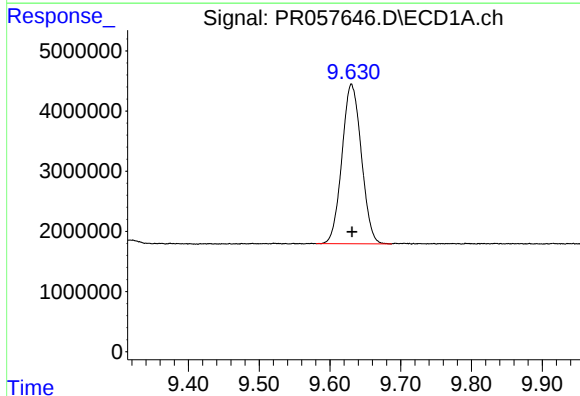
R.T.: 3.691 min
Delta R.T.: 0.000 min
Response: 46784474
Conc: 22.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



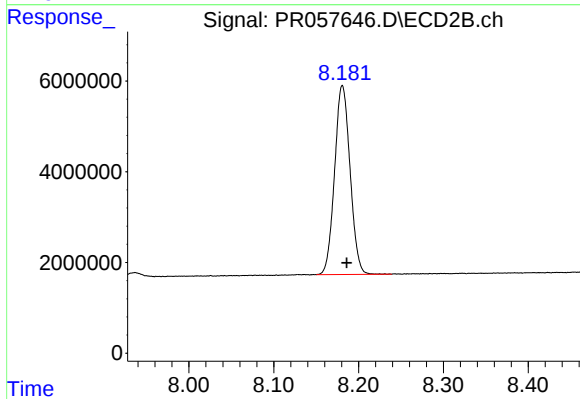
#1 Tetrachloro-m-xylene

R.T.: 2.924 min
Delta R.T.: -0.002 min
Response: 41793157
Conc: 20.77 ng/ml



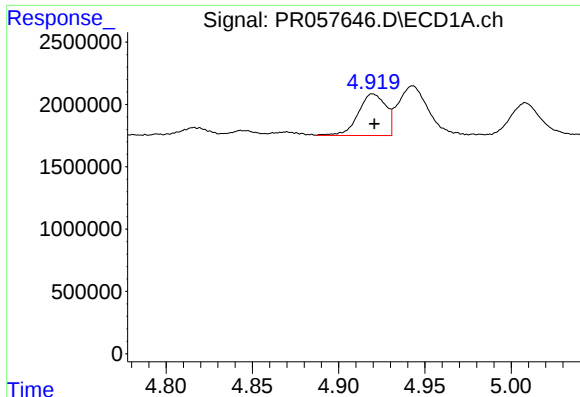
#2 Decachlorobiphenyl

R.T.: 9.630 min
Delta R.T.: -0.001 min
Response: 50477463
Conc: 22.83 ng/ml



#2 Decachlorobiphenyl

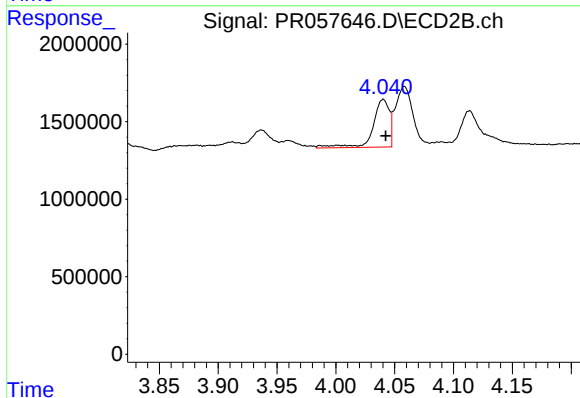
R.T.: 8.181 min
Delta R.T.: -0.005 min
Response: 52802847
Conc: 22.36 ng/ml



#3 AR-1016-1

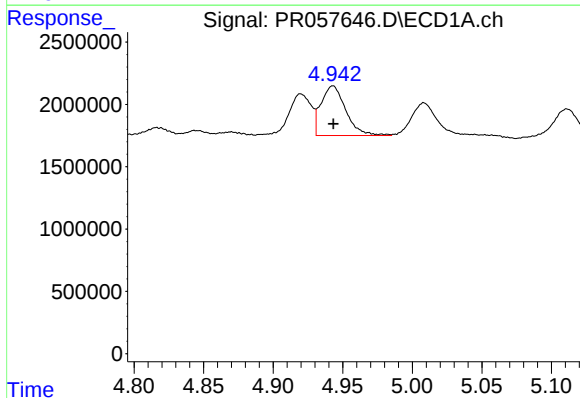
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 3710682
Conc: 47.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



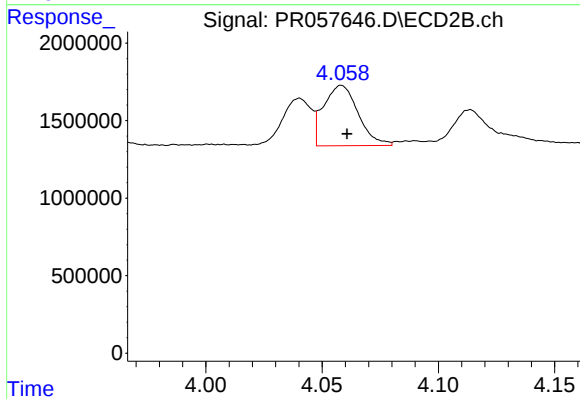
#3 AR-1016-1

R.T.: 4.040 min
Delta R.T.: -0.002 min
Response: 2982373
Conc: 46.34 ng/ml



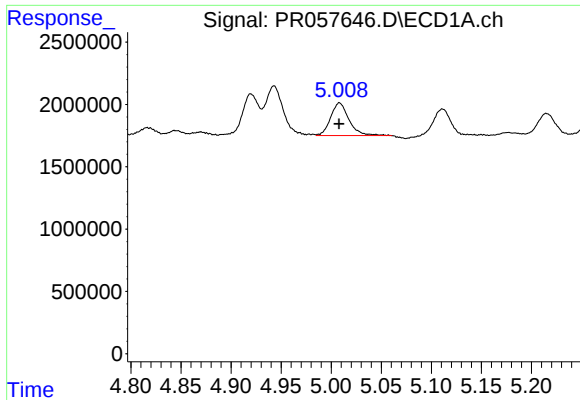
#4 AR-1016-2

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 4921736
Conc: 46.53 ng/ml



#4 AR-1016-2

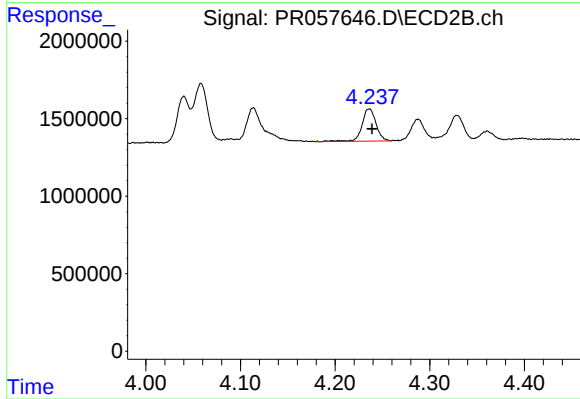
R.T.: 4.058 min
Delta R.T.: -0.002 min
Response: 4045074
Conc: 42.11 ng/ml



#5 AR-1016-3

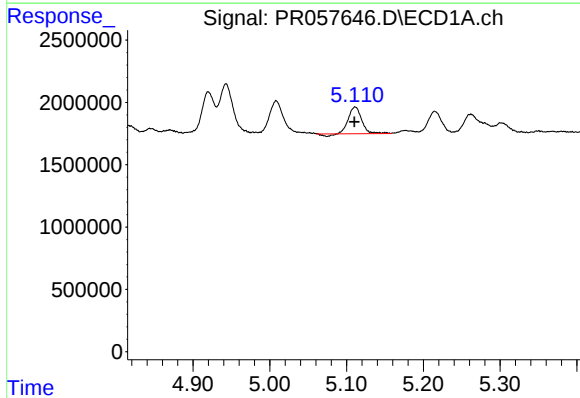
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 3332596
Conc: 49.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



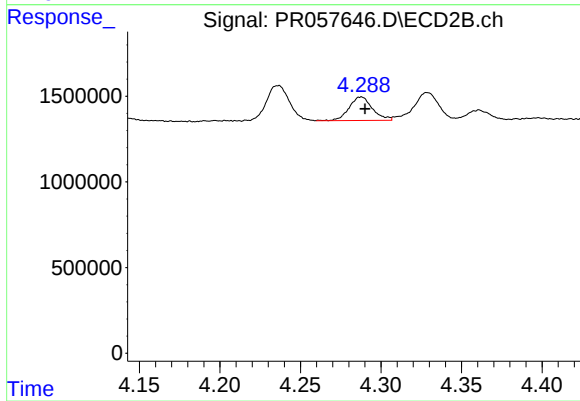
#5 AR-1016-3

R.T.: 4.236 min
Delta R.T.: -0.003 min
Response: 2150243
Conc: 40.42 ng/ml



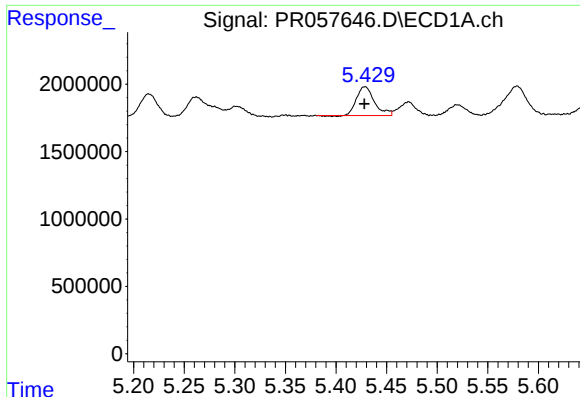
#6 AR-1016-4

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 2519131
Conc: 45.14 ng/ml



#6 AR-1016-4

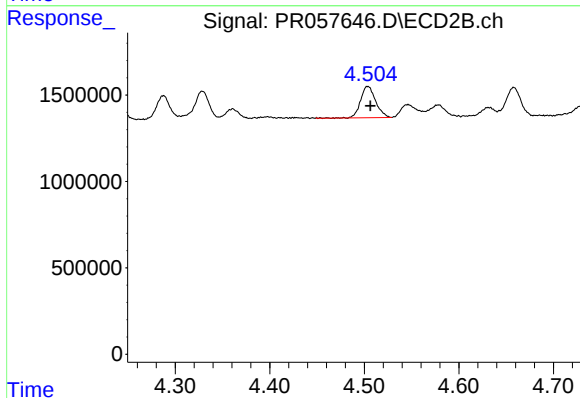
R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 1393204
Conc: 40.43 ng/ml



#7 AR-1016-5

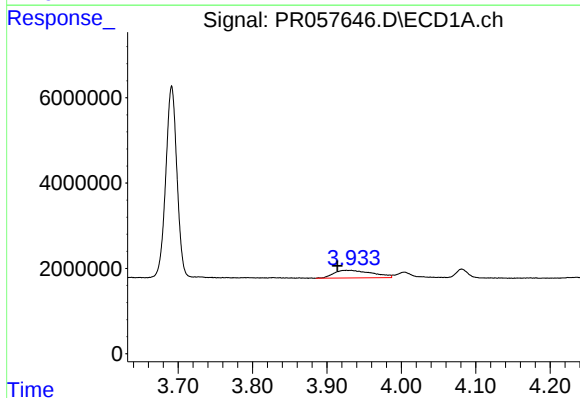
R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 2623557
Conc: 42.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



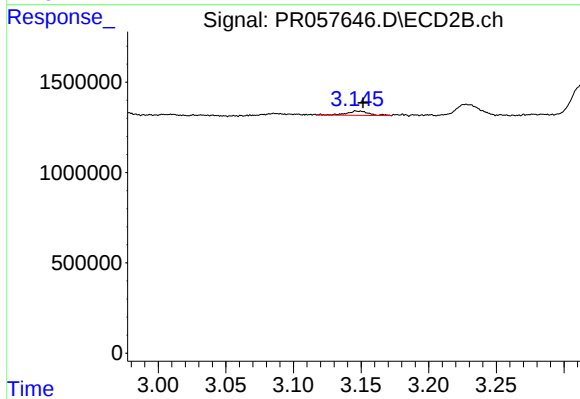
#7 AR-1016-5

R.T.: 4.504 min
Delta R.T.: -0.003 min
Response: 1993761
Conc: 39.95 ng/ml



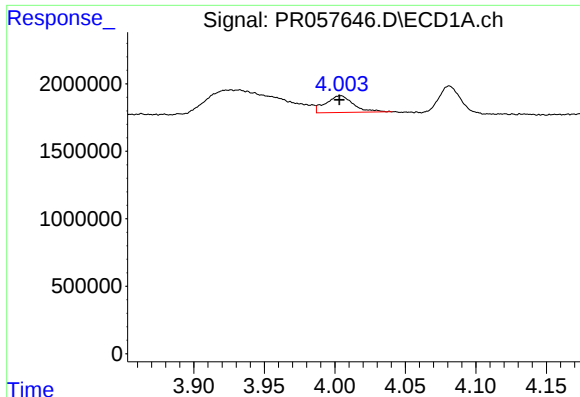
#8 AR-1221-1

R.T.: 3.932 min
Delta R.T.: 0.018 min
Response: 6351639
Conc: 222.84 ng/ml



#8 AR-1221-1

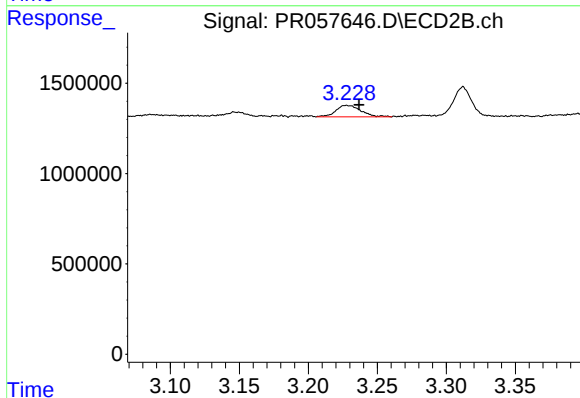
R.T.: 3.147 min
Delta R.T.: -0.004 min
Response: 274680
Conc: 12.02 ng/ml



#9 AR-1221-2

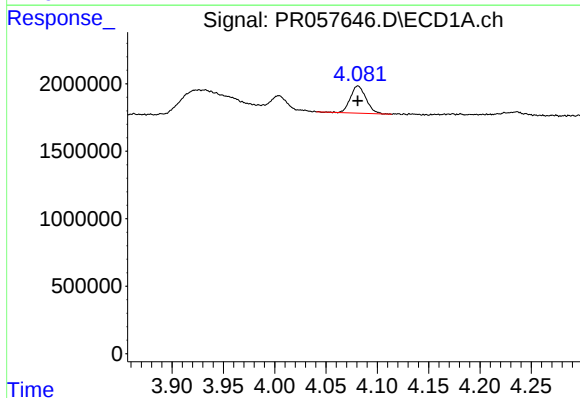
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 1692587
Conc: 81.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



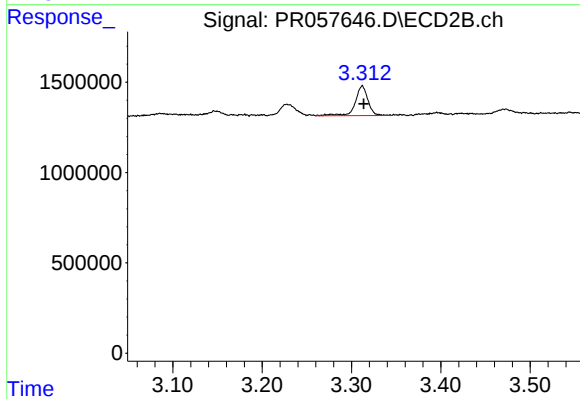
#9 AR-1221-2

R.T.: 3.228 min
Delta R.T.: -0.009 min
Response: 808412
Conc: 45.16 ng/ml



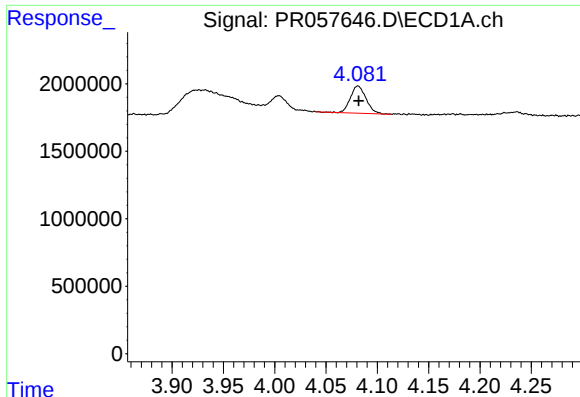
#10 AR-1221-3

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 2142817
Conc: 35.53 ng/ml



#10 AR-1221-3

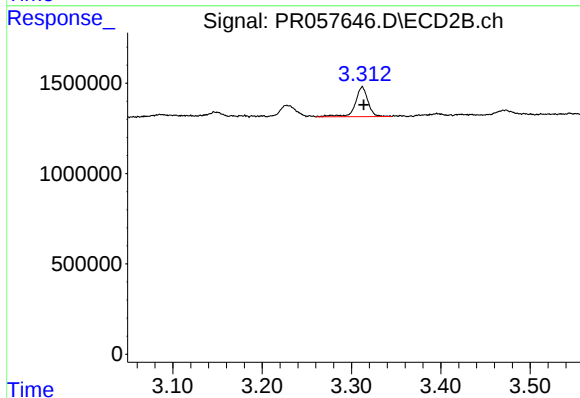
R.T.: 3.312 min
Delta R.T.: -0.002 min
Response: 1621032
Conc: 30.08 ng/ml



#11 AR-1232-1

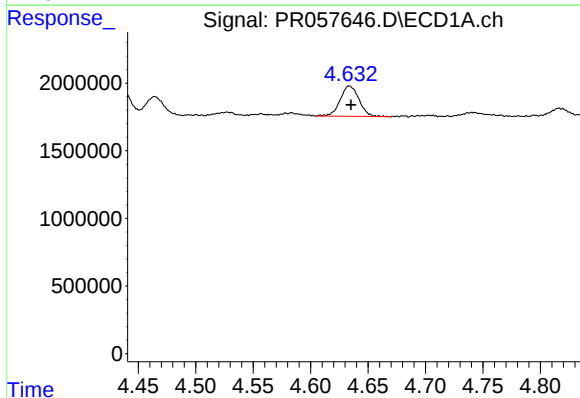
R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 2142817
Conc: 46.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



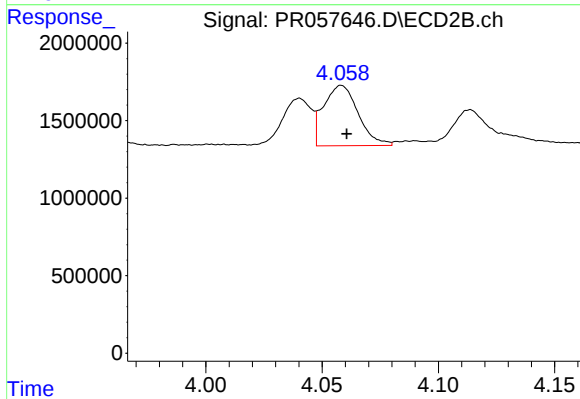
#11 AR-1232-1

R.T.: 3.312 min
Delta R.T.: -0.002 min
Response: 1621032
Conc: 39.55 ng/ml



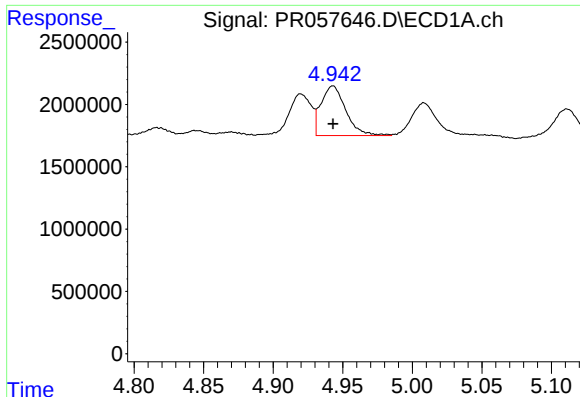
#12 AR-1232-2

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 2560227
Conc: 95.29 ng/ml



#12 AR-1232-2

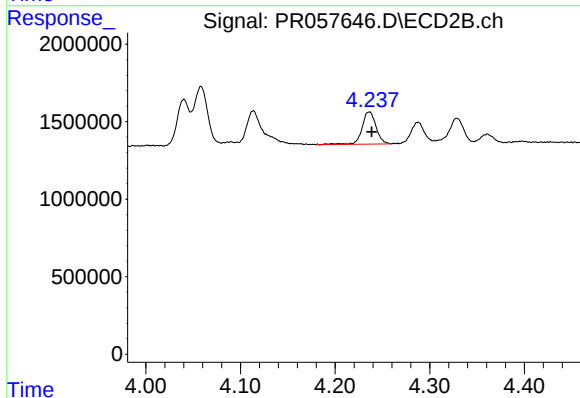
R.T.: 4.058 min
Delta R.T.: -0.002 min
Response: 4045074
Conc: 92.64 ng/ml



#13 AR-1232-3

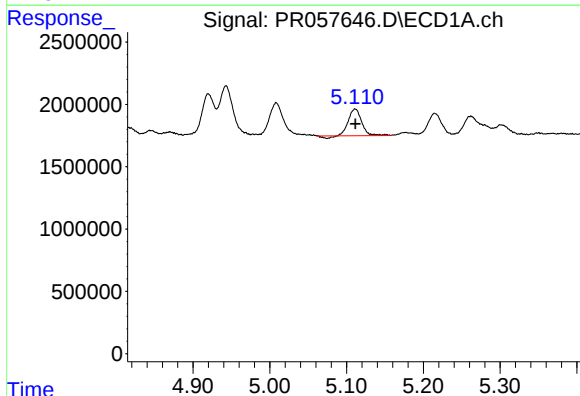
R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 4921736
Conc: 99.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



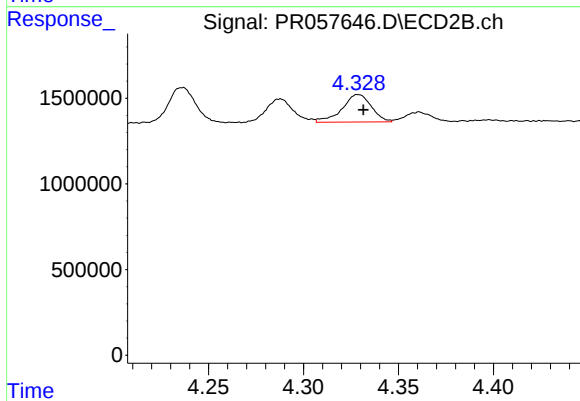
#13 AR-1232-3

R.T.: 4.236 min
Delta R.T.: -0.002 min
Response: 2150243
Conc: 88.08 ng/ml



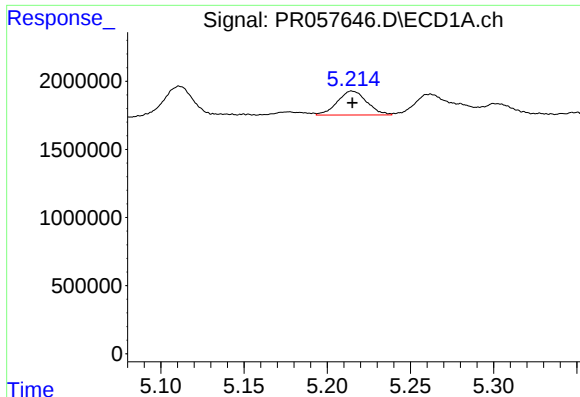
#14 AR-1232-4

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 2519131
Conc: 97.64 ng/ml



#14 AR-1232-4

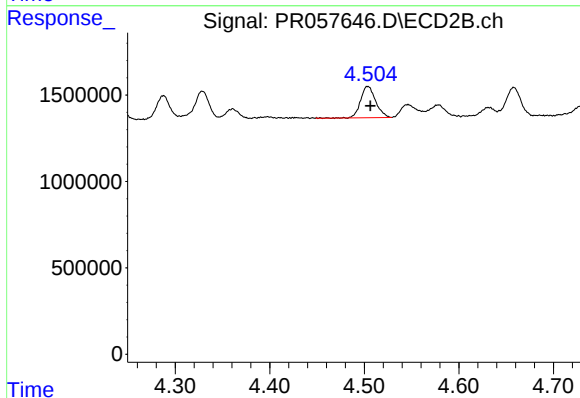
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 1726286
Conc: 93.64 ng/ml



#15 AR-1232-5

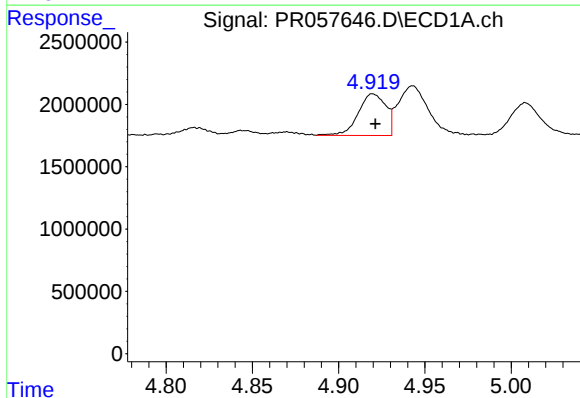
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 2179532
Conc: 113.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



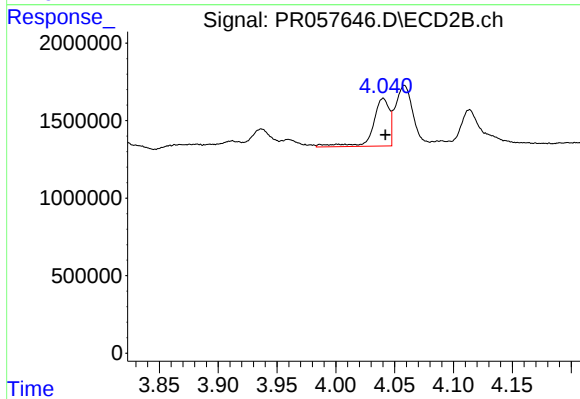
#15 AR-1232-5

R.T.: 4.504 min
Delta R.T.: -0.003 min
Response: 1993761
Conc: 90.03 ng/ml



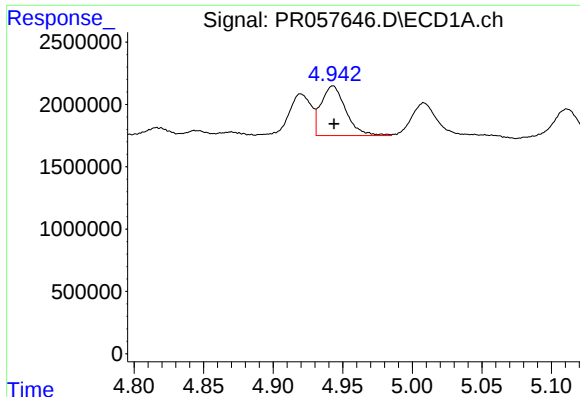
#16 AR-1242-1

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 3710682
Conc: 60.42 ng/ml



#16 AR-1242-1

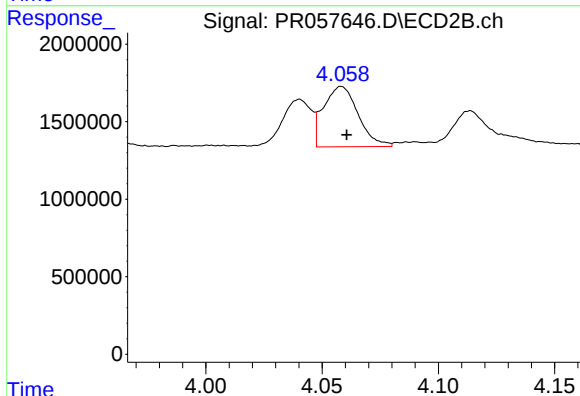
R.T.: 4.040 min
Delta R.T.: -0.002 min
Response: 2982373
Conc: 59.61 ng/ml



#17 AR-1242-2

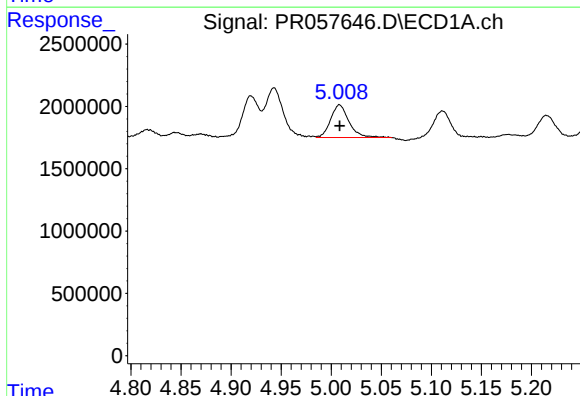
R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 4921736
Conc: 59.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



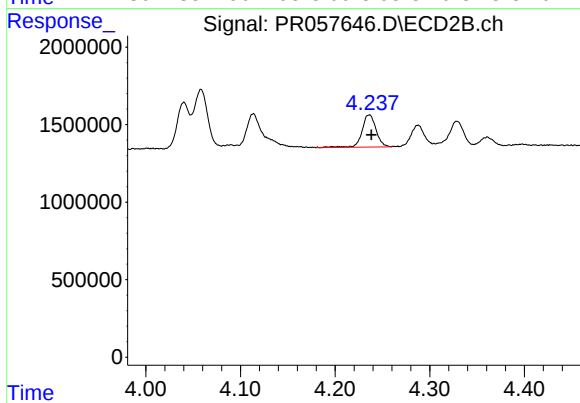
#17 AR-1242-2

R.T.: 4.058 min
Delta R.T.: -0.002 min
Response: 4045074
Conc: 54.13 ng/ml



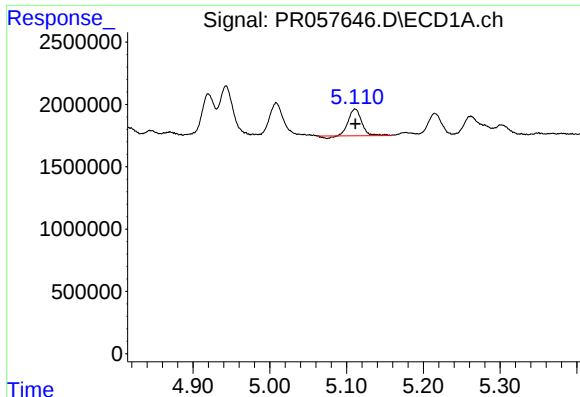
#18 AR-1242-3

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 3332596
Conc: 62.69 ng/ml



#18 AR-1242-3

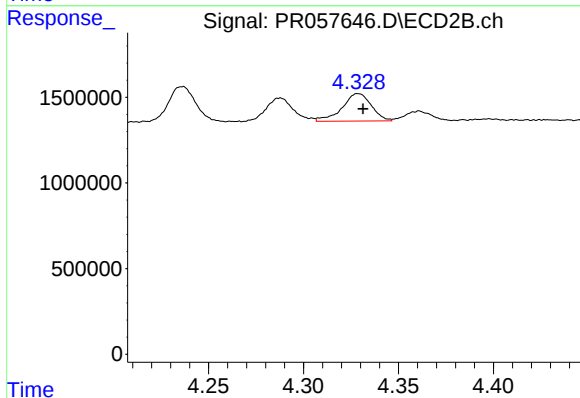
R.T.: 4.236 min
Delta R.T.: -0.002 min
Response: 2150243
Conc: 51.71 ng/ml



#19 AR-1242-4

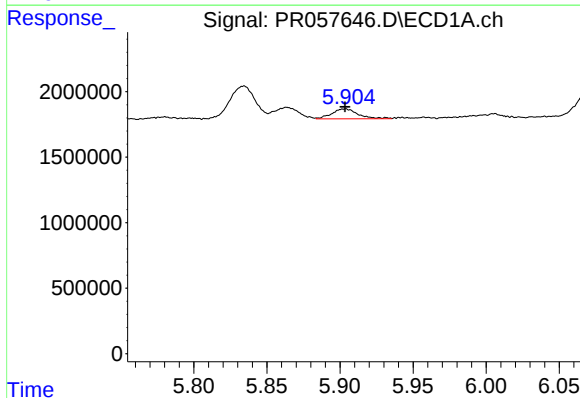
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 2519131
Conc: 57.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



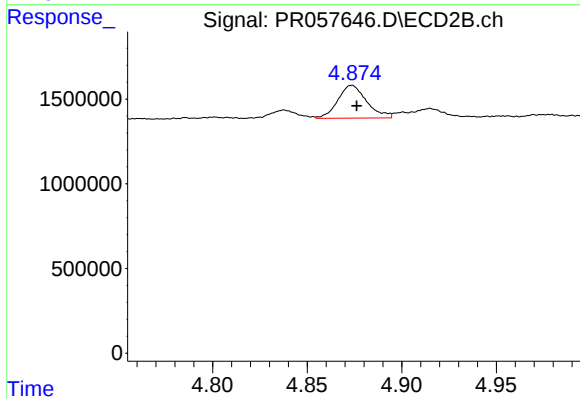
#19 AR-1242-4

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 1726286
Conc: 49.74 ng/ml



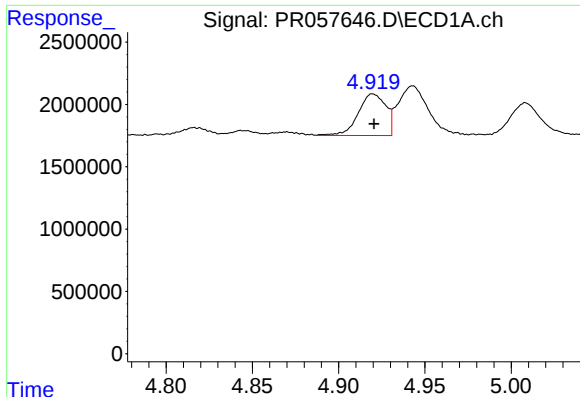
#20 AR-1242-5

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 939211
Conc: 14.91 ng/ml



#20 AR-1242-5

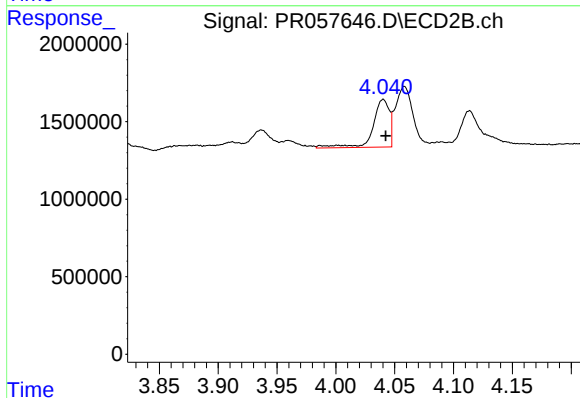
R.T.: 4.874 min
Delta R.T.: -0.003 min
Response: 2054603
Conc: 42.47 ng/ml



#21 AR-1248-1

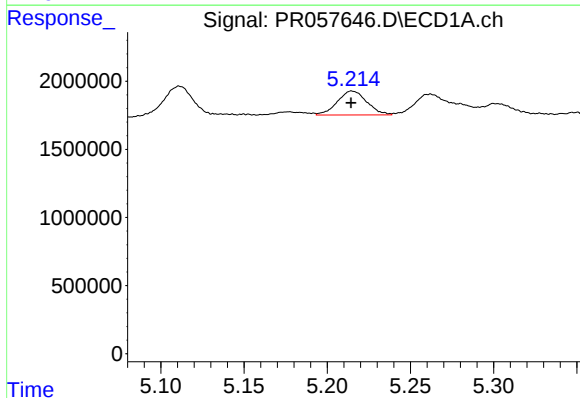
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 3710682
Conc: 80.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



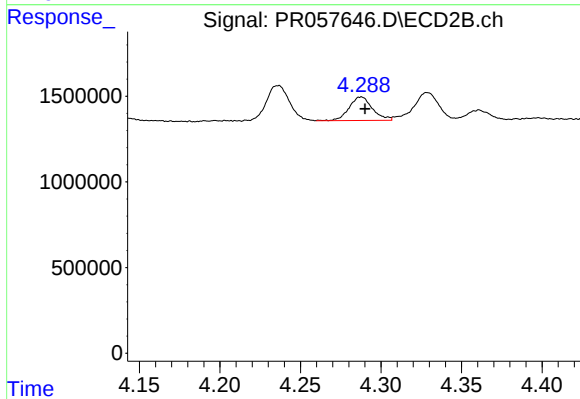
#21 AR-1248-1

R.T.: 4.040 min
Delta R.T.: -0.002 min
Response: 2982373
Conc: 78.39 ng/ml



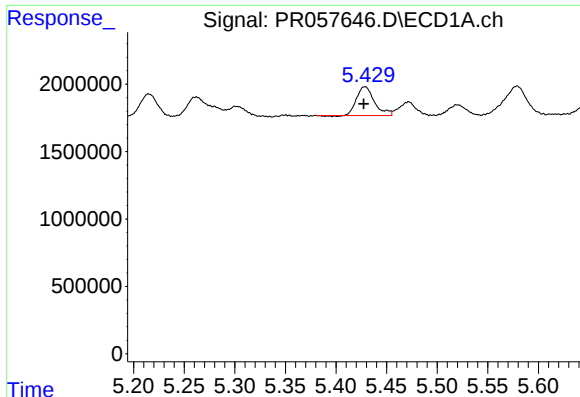
#22 AR-1248-2

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 2179532
Conc: 35.43 ng/ml



#22 AR-1248-2

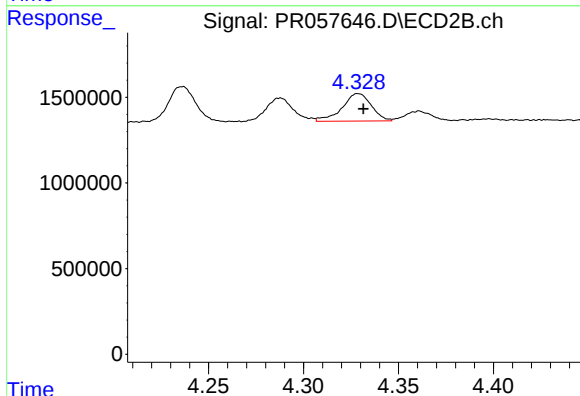
R.T.: 4.288 min
Delta R.T.: -0.002 min
Response: 1393204
Conc: 29.40 ng/ml



#23 AR-1248-3

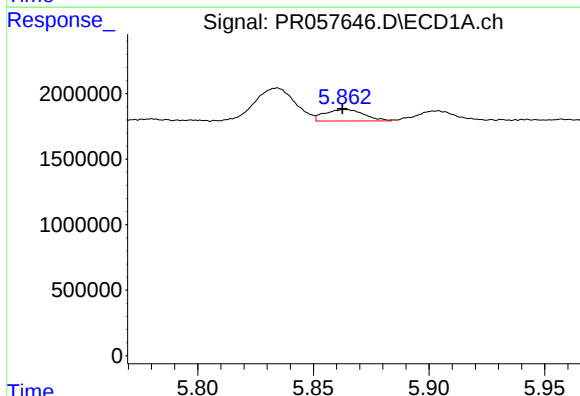
R.T.: 5.429 min
Delta R.T.: 0.001 min
Response: 2623557
Conc: 32.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



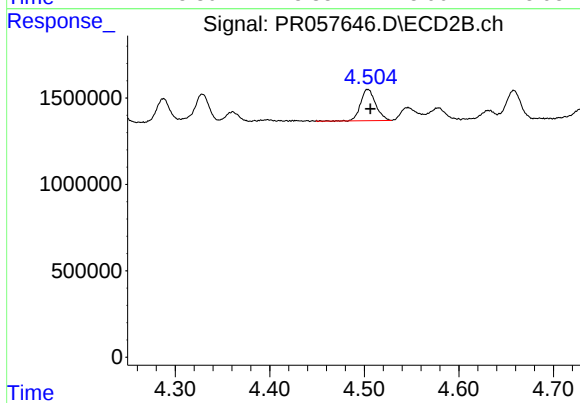
#23 AR-1248-3

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 1726286
Conc: 34.57 ng/ml



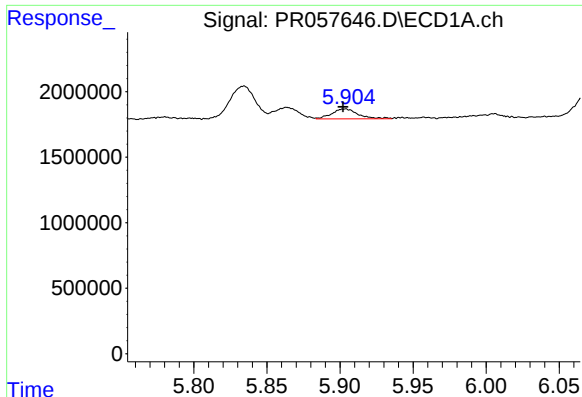
#24 AR-1248-4

R.T.: 5.864 min
Delta R.T.: 0.001 min
Response: 1031749
Conc: 9.76 ng/ml



#24 AR-1248-4

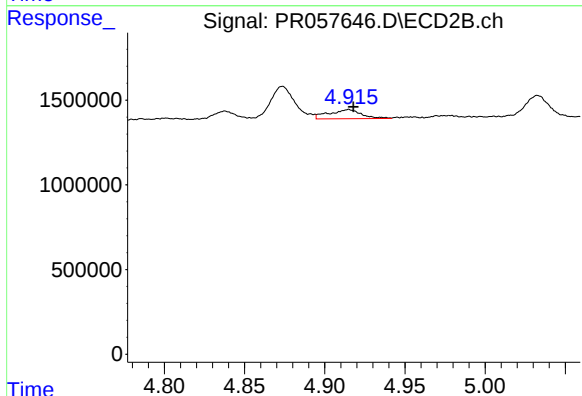
R.T.: 4.504 min
Delta R.T.: -0.003 min
Response: 1993761
Conc: 30.94 ng/ml



#25 AR-1248-5

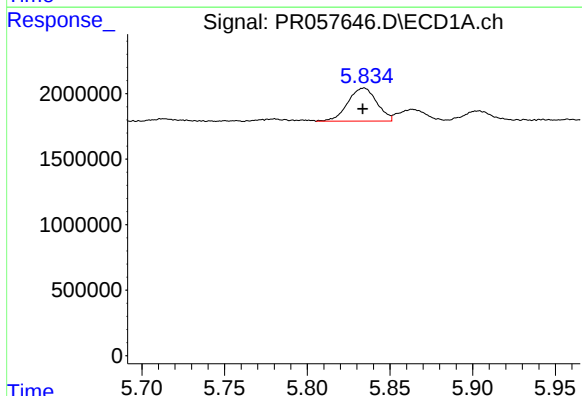
R.T.: 5.903 min
Delta R.T.: 0.001 min
Response: 939211
Conc: 9.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



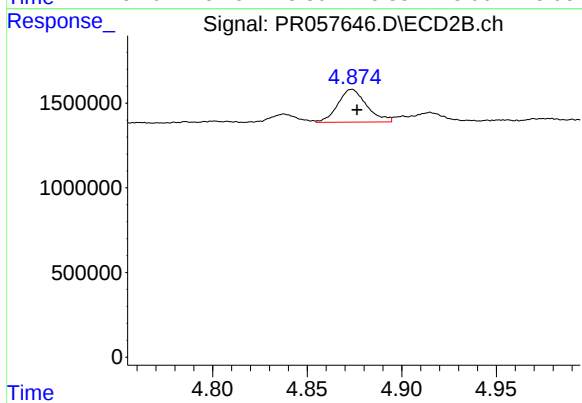
#25 AR-1248-5

R.T.: 4.915 min
Delta R.T.: -0.003 min
Response: 766948
Conc: 11.14 ng/ml



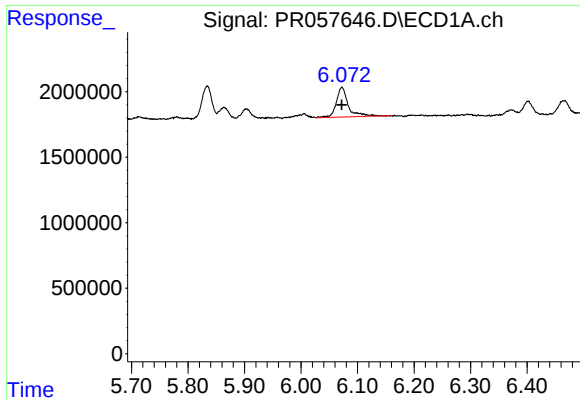
#26 AR-1254-1

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 3064043
Conc: 28.09 ng/ml



#26 AR-1254-1

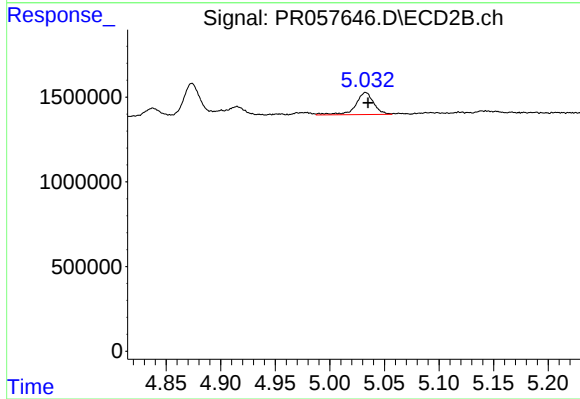
R.T.: 4.874 min
Delta R.T.: -0.003 min
Response: 2054603
Conc: 21.24 ng/ml



#27 AR-1254-2

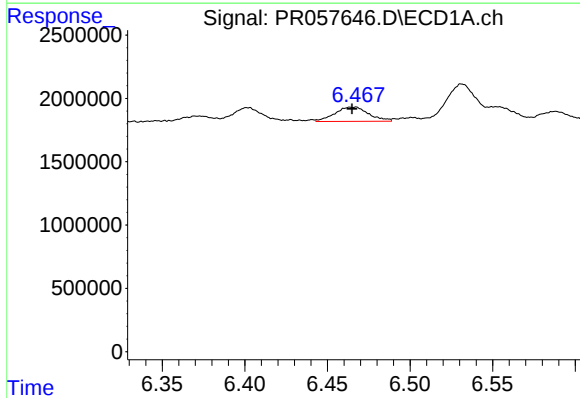
R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 3313023
Conc: 18.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



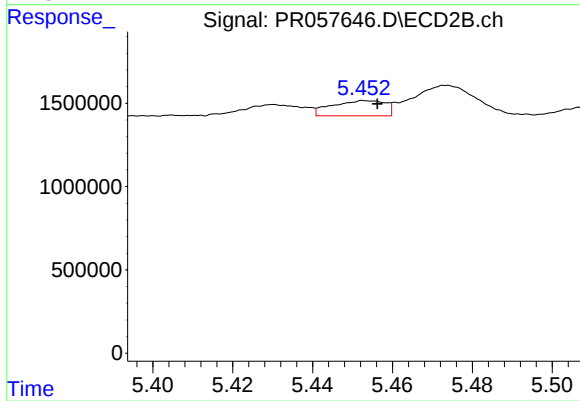
#27 AR-1254-2

R.T.: 5.033 min
Delta R.T.: -0.002 min
Response: 1515392
Conc: 17.97 ng/ml



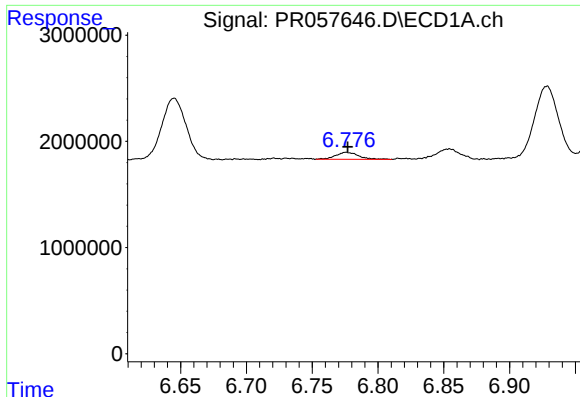
#28 AR-1254-3

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 1605059
Conc: 7.98 ng/ml



#28 AR-1254-3

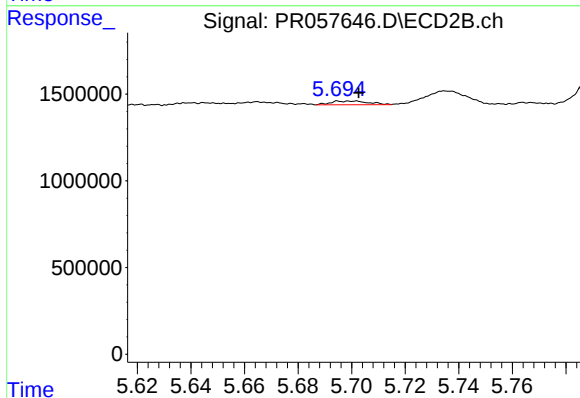
R.T.: 5.454 min
Delta R.T.: -0.003 min
Response: 846373
Conc: 5.74 ng/ml



#29 AR-1254-4

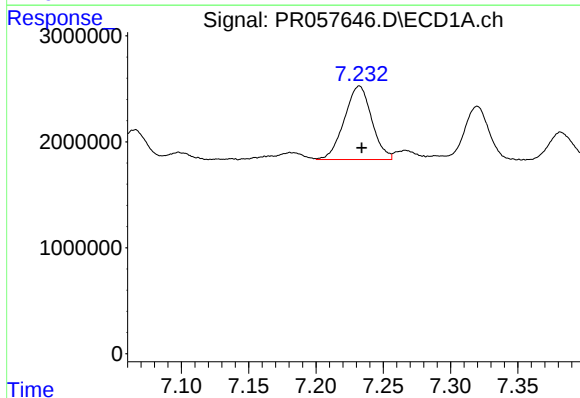
R.T.: 6.776 min
Delta R.T.: -0.001 min
Response: 796781
Conc: 5.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



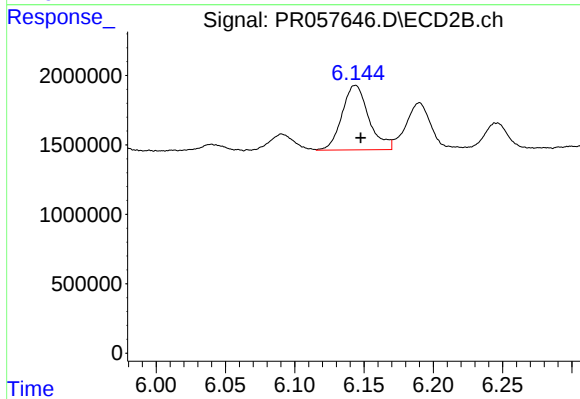
#29 AR-1254-4

R.T.: 5.701 min
Delta R.T.: -0.002 min
Response: 206341
Conc: 2.18 ng/ml



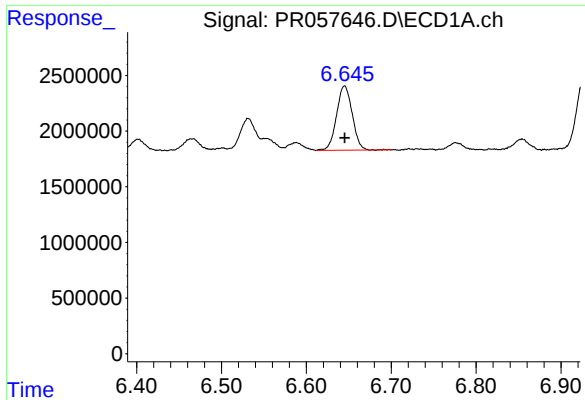
#30 AR-1254-5

R.T.: 7.232 min
Delta R.T.: -0.002 min
Response: 9848950
Conc: 58.29 ng/ml



#30 AR-1254-5

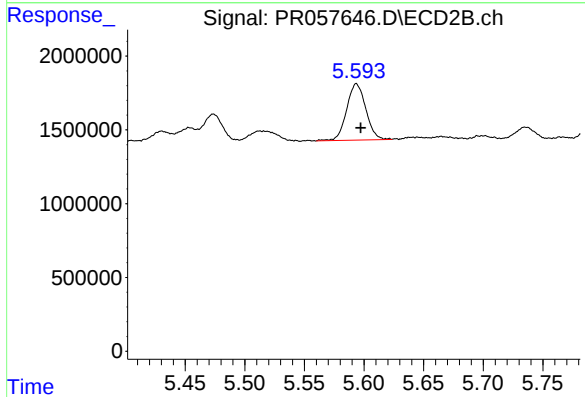
R.T.: 6.144 min
Delta R.T.: -0.004 min
Response: 6259942
Conc: 44.48 ng/ml



#31 AR-1260-1

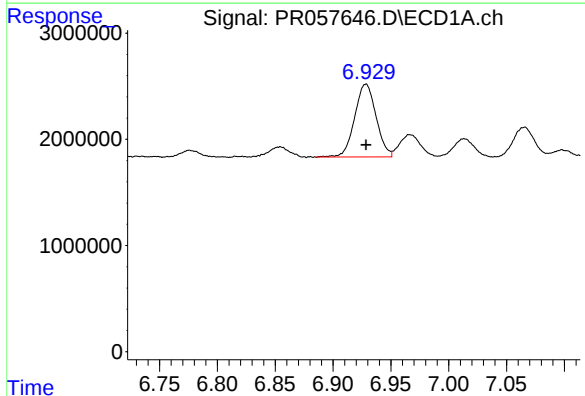
R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 7401474
Conc: 46.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



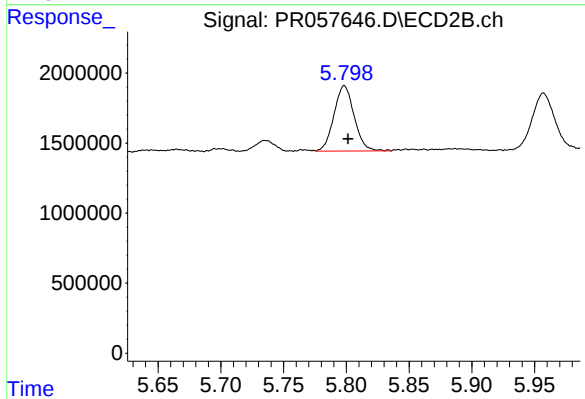
#31 AR-1260-1

R.T.: 5.594 min
Delta R.T.: -0.004 min
Response: 4273569
Conc: 43.42 ng/ml



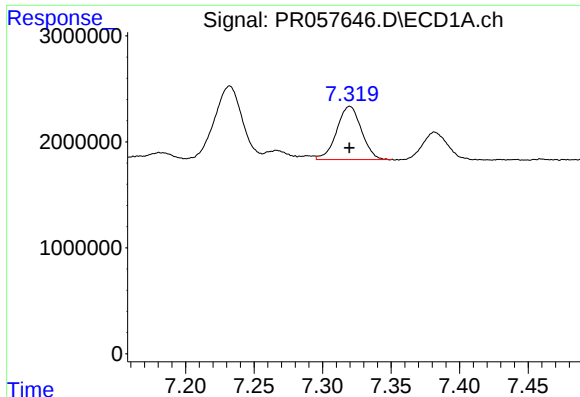
#32 AR-1260-2

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 8856573
Conc: 45.58 ng/ml



#32 AR-1260-2

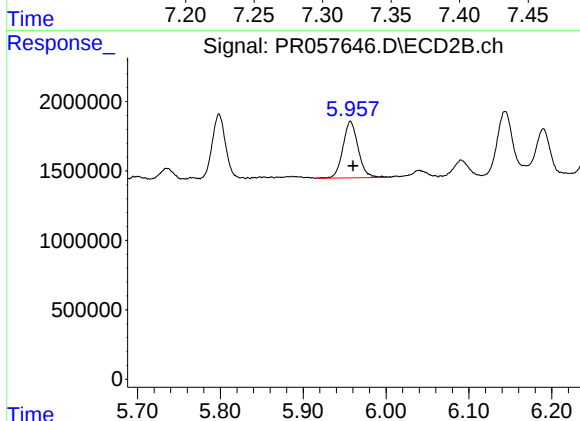
R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 5216425
Conc: 43.79 ng/ml



#33 AR-1260-3

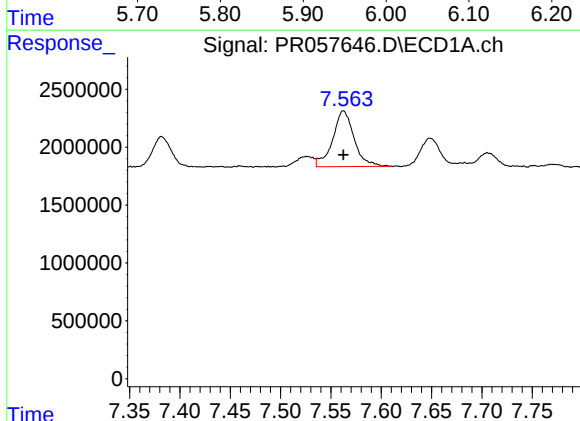
R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 6313937
Conc: 48.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



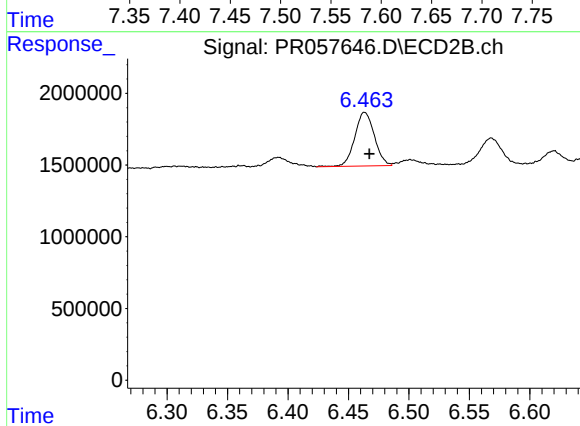
#33 AR-1260-3

R.T.: 5.957 min
Delta R.T.: -0.003 min
Response: 5232033
Conc: 44.45 ng/ml



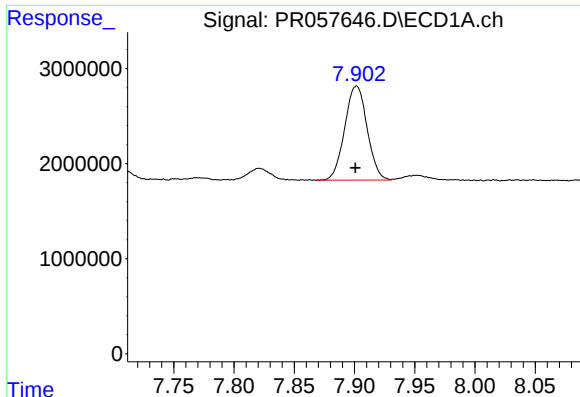
#34 AR-1260-4

R.T.: 7.562 min
Delta R.T.: 0.000 min
Response: 7126425
Conc: 47.25 ng/ml



#34 AR-1260-4

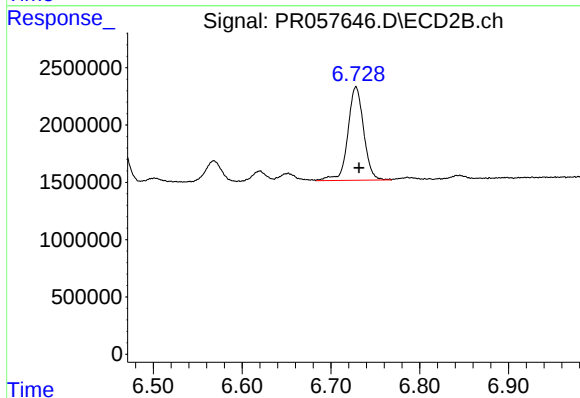
R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 4231535
Conc: 45.37 ng/ml



#35 AR-1260-5

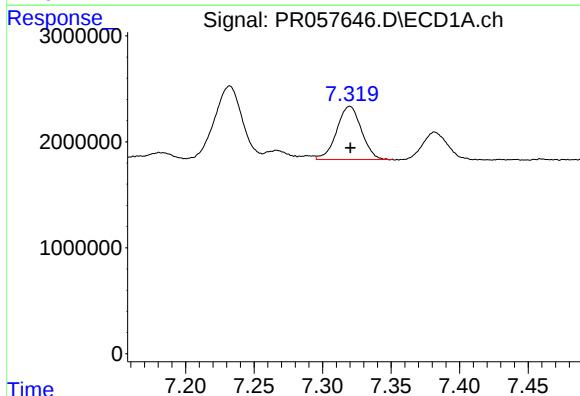
R.T.: 7.902 min
Delta R.T.: 0.000 min
Response: 12832409
Conc: 45.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



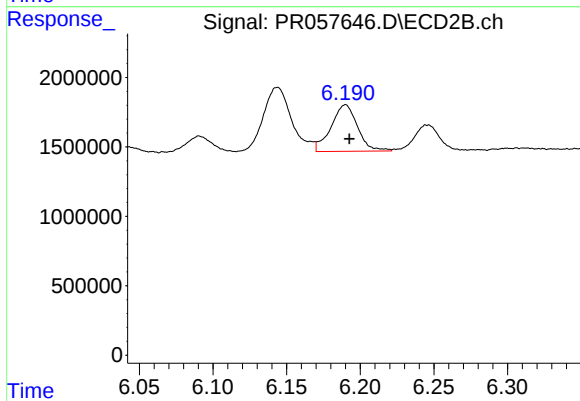
#35 AR-1260-5

R.T.: 6.728 min
Delta R.T.: -0.004 min
Response: 10101083
Conc: 43.18 ng/ml



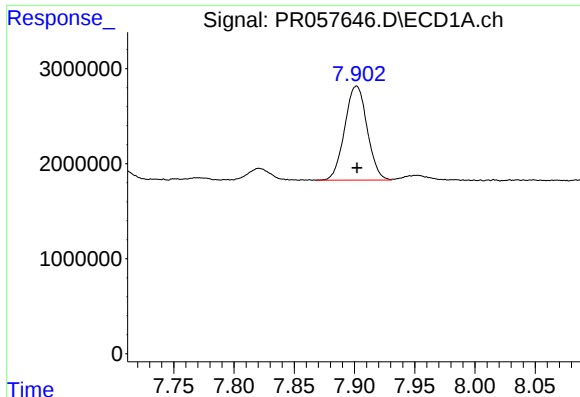
#36 AR-1262-1

R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 6313937
Conc: 32.82 ng/ml



#36 AR-1262-1

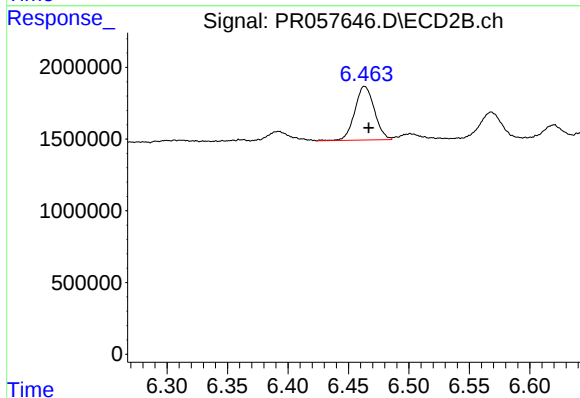
R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 4192843
Conc: 32.07 ng/ml



#37 AR-1262-2

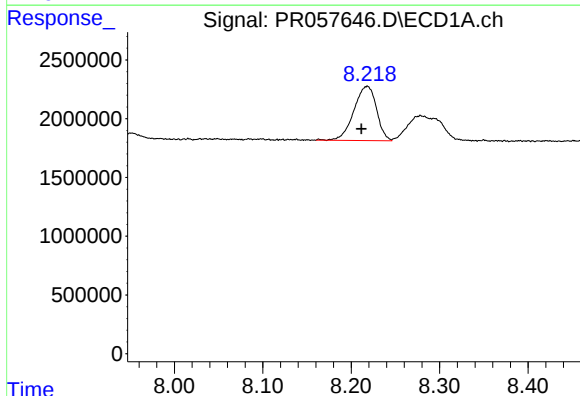
R.T.: 7.902 min
Delta R.T.: 0.000 min
Response: 12832409
Conc: 39.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



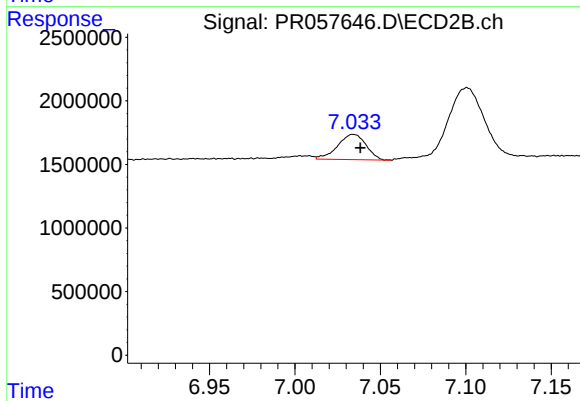
#37 AR-1262-2

R.T.: 6.463 min
Delta R.T.: -0.003 min
Response: 4231535
Conc: 33.85 ng/ml



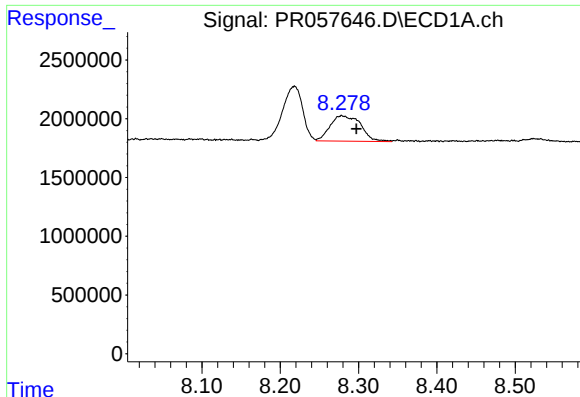
#38 AR-1262-3

R.T.: 8.218 min
Delta R.T.: 0.007 min
Response: 8231882
Conc: 39.31 ng/ml



#38 AR-1262-3

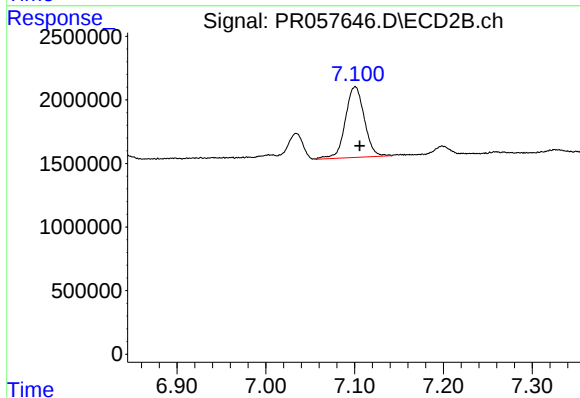
R.T.: 7.034 min
Delta R.T.: -0.004 min
Response: 2288195
Conc: 22.45 ng/ml



#39 AR-1262-4

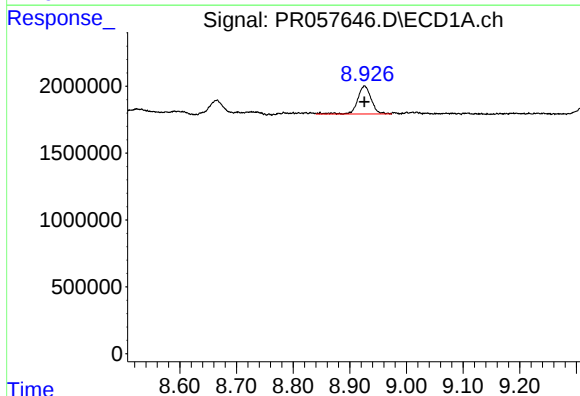
R.T.: 8.279 min
Delta R.T.: -0.019 min
Response: 5862112
Conc: 70.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



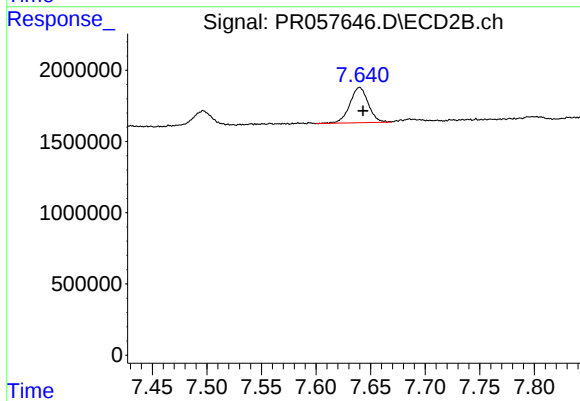
#39 AR-1262-4

R.T.: 7.101 min
Delta R.T.: -0.005 min
Response: 8211847
Conc: 39.77 ng/ml



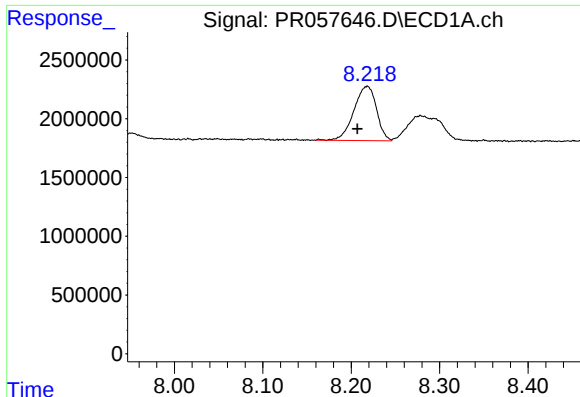
#40 AR-1262-5

R.T.: 8.926 min
Delta R.T.: 0.000 min
Response: 3506829
Conc: 34.23 ng/ml



#40 AR-1262-5

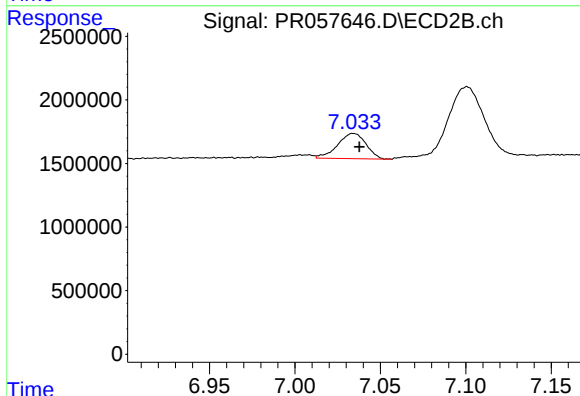
R.T.: 7.640 min
Delta R.T.: -0.003 min
Response: 2929084
Conc: 29.94 ng/ml



#41 AR-1268-1

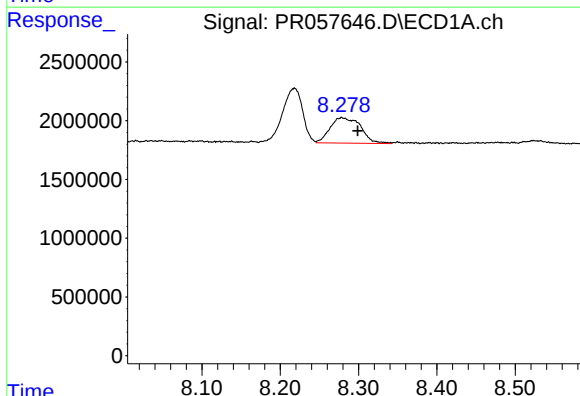
R.T.: 8.218 min
Delta R.T.: 0.011 min
Response: 8231882
Conc: 23.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



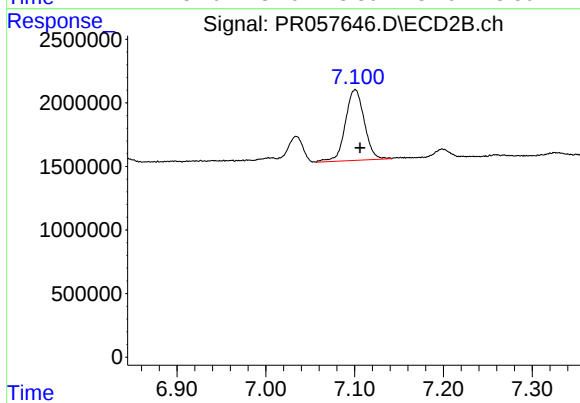
#41 AR-1268-1

R.T.: 7.034 min
Delta R.T.: -0.003 min
Response: 2288195
Conc: 7.31 ng/ml



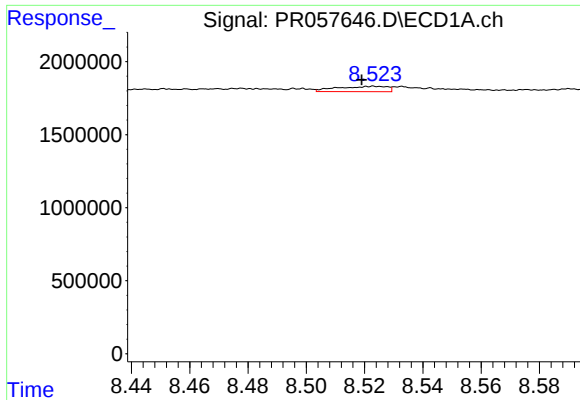
#42 AR-1268-2

R.T.: 8.279 min
Delta R.T.: -0.021 min
Response: 5862112
Conc: 18.35 ng/ml



#42 AR-1268-2

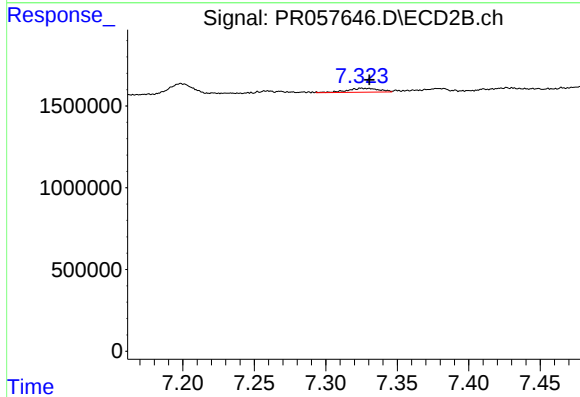
R.T.: 7.101 min
Delta R.T.: -0.005 min
Response: 8211847
Conc: 25.69 ng/ml



#43 AR-1268-3

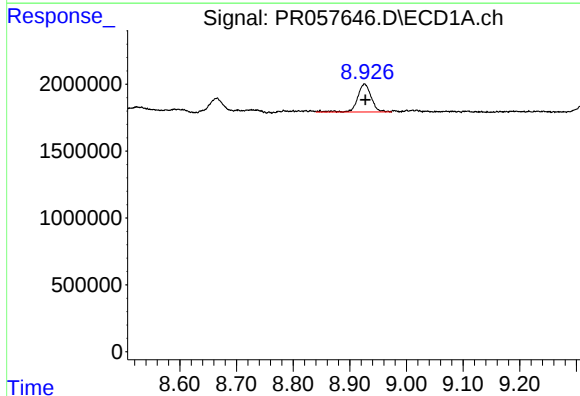
R.T.: 8.524 min
Delta R.T.: 0.005 min
Response: 435804
Conc: 1.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



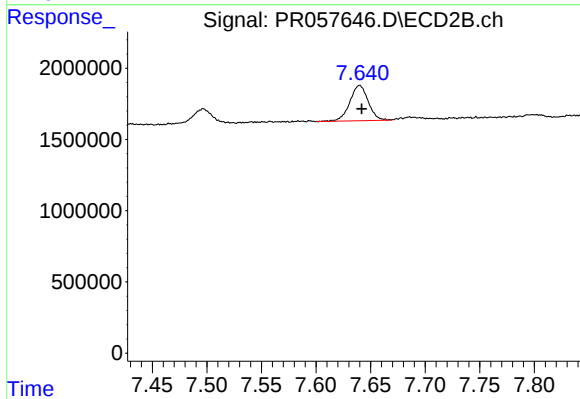
#43 AR-1268-3

R.T.: 7.326 min
Delta R.T.: -0.005 min
Response: 383022
Conc: 1.41 ng/ml



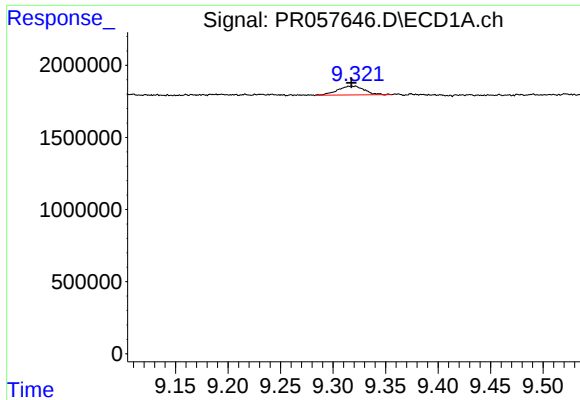
#44 AR-1268-4

R.T.: 8.926 min
Delta R.T.: -0.002 min
Response: 3506829
Conc: 30.95 ng/ml



#44 AR-1268-4

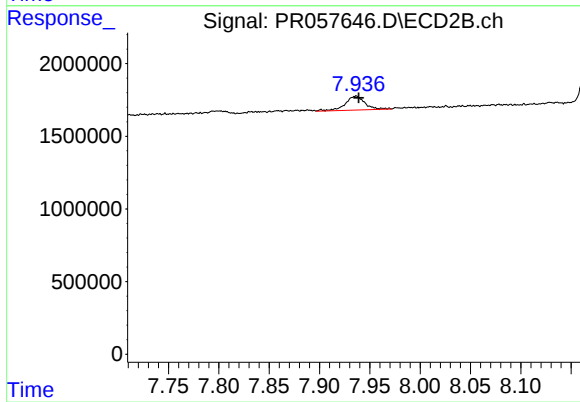
R.T.: 7.640 min
Delta R.T.: -0.002 min
Response: 2929084
Conc: 26.78 ng/ml



#45 AR-1268-5

R.T.: 9.317 min
Delta R.T.: 0.000 min
Response: 1089380
Conc: 1.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.936 min
Delta R.T.: -0.003 min
Response: 1304209
Conc: 1.31 ng/ml