

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080622\
 Data File : PR055656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 16:04
 Operator : AJ\MA
 Sample : N3980-07
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 03:44:15 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	82243333	39379301	19.274	19.613
2)	SA Decachlor...	9.530	8.126	34253157	35386886	19.264	19.453
Target Compounds							
3)	L1 AR-1016-1	4.856	4.014	2869446	1390476	24.781	21.471
4)	L1 AR-1016-2	4.878	4.032	4085443	2015352	24.894	22.065
5)	L1 AR-1016-3	4.942	4.208	2375993	1145877	24.025	22.472
6)	L1 AR-1016-4	5.044	4.259	2441585	858689	30.823	22.602 #
7)	L1 AR-1016-5	5.359	4.474	2890253	1005668	39.974	20.387 #
8)	L2 AR-1221-1	3.850	3.128	732808	195450	14.828	8.564 #
9)	L2 AR-1221-2	3.946	3.207	1500596	676639	41.420	39.464
10)	L2 AR-1221-3	4.023	3.291	1892682	885918	17.973	16.920
11)	L3 AR-1232-1	4.023	3.291	1892682	885918	21.822	20.534
12)	L3 AR-1232-2	4.571	4.032	2982881	2015352	69.499	50.129 #
13)	L3 AR-1232-3	4.878	4.208	4085443	1145877	55.826	53.062
14)	L3 AR-1232-4	5.044	4.300	2441585	1103808	70.738	60.119
15)	L3 AR-1232-5	5.148	4.474	1602387	1005668	64.225	48.636
16)	L4 AR-1242-1	4.856	4.014	2869446	1390476	30.508	25.928
17)	L4 AR-1242-2	4.878	4.032	4085443	2015352	30.158	26.945
18)	L4 AR-1242-3	4.942	4.208	2375993	1145877	29.823	28.229
19)	L4 AR-1242-4	5.044	4.300	2441585	1103808	38.767	29.322
20)	L4 AR-1242-5	5.832	4.842	1886708	1242924	32.761	25.108
21)	L5 AR-1248-1	4.856	4.014	2869446	1390476	39.473	34.167
22)	L5 AR-1248-2	5.148	4.259	1602387	858689	18.022	15.515
23)	L5 AR-1248-3	5.359	4.300	2890253	1103808	29.045	19.628 #
24)	L5 AR-1248-4	5.793	4.474	1552141	1005668	15.882	14.820
25)	L5 AR-1248-5	5.832	4.883	1886708	1131354	19.325	15.863
26)	L6 AR-1254-1	5.762	4.842	1471173	1242924	14.365	11.375
27)	L6 AR-1254-2	6.000	4.999	1603754	417402	10.910	4.311 #
28)	L6 AR-1254-3	6.391	5.420	1160997	710789	7.924	4.666 #
29)	L6 AR-1254-4	6.705	5.663	583503	414391	5.629	4.206 #
30)	L6 AR-1254-5	7.160	0.000	363544	0	3.353	N.D. #
31)	L7 AR-1260-1	0.000	5.565	0	414385	N.D.	4.113 #
32)	L7 AR-1260-2	6.852	0.000	371293	0	3.001	N.D. #
33)	L7 AR-1260-3	0.000	5.926	0	336182	N.D.	2.973 #
34)	L7 AR-1260-4	7.464f	6.424	303602	96186	2.957	1.005 #
37)	L8 AR-1262-2	0.000	6.424	0	96186	N.D.	0.788 #
38)	L8 AR-1262-3	0.000	6.980	0	198015	N.D.	2.057 #
39)	L8 AR-1262-4	8.217	7.053	433757	495095	6.902	2.721 #
41)	L9 AR-1268-1	0.000	6.980	0	198015	N.D.	0.704 #
42)	L9 AR-1268-2	8.217	7.053	433757	495095	1.900	1.935
43)	L9 AR-1268-3	8.437	7.279	453000	134001	2.352	0.623 #
45)	L9 AR-1268-5	9.222	7.886	263450	376778	0.431	0.553 #

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QLast Update : Fri Aug 05 12:39:02 2022
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Volume Inj. : 2 µl
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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

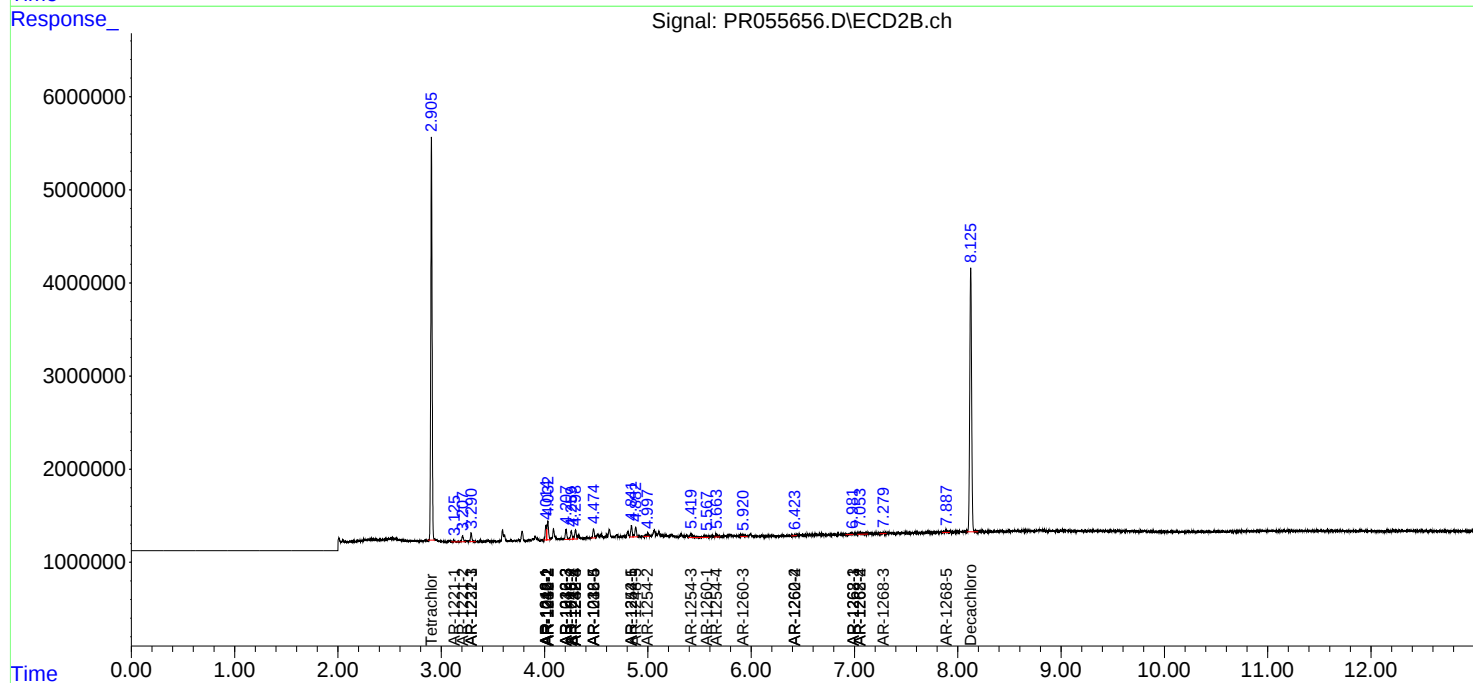
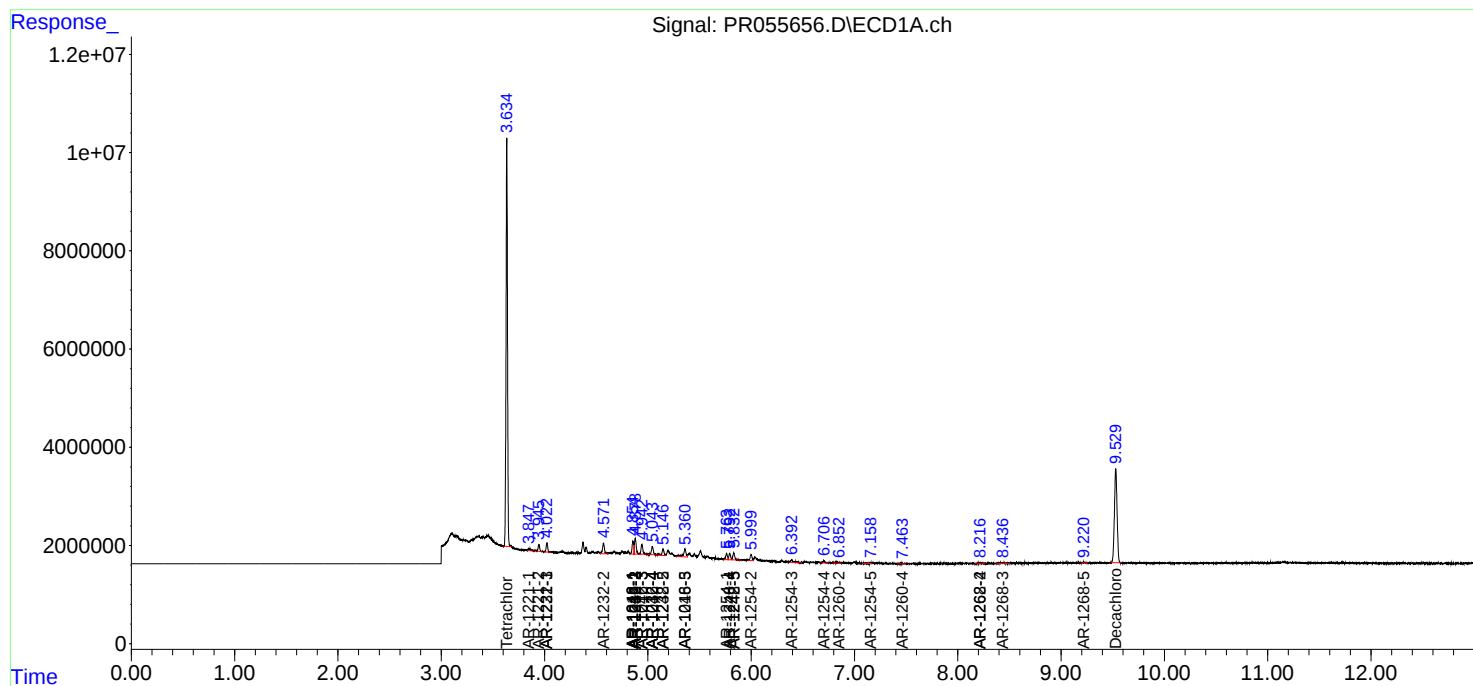
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

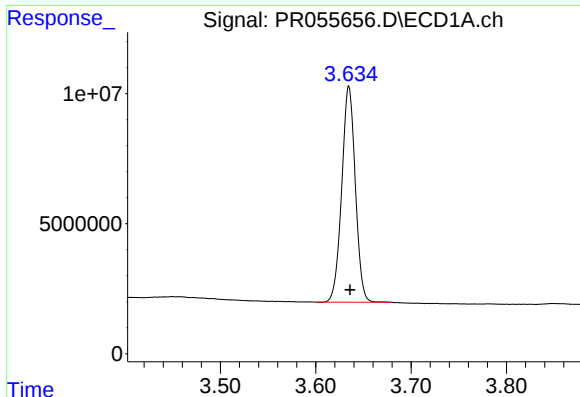
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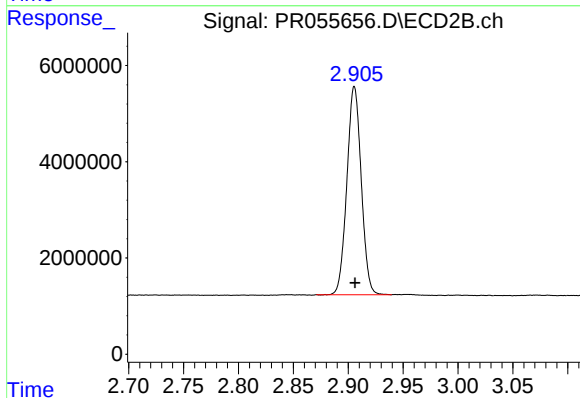




#1 Tetrachloro-m-xylene

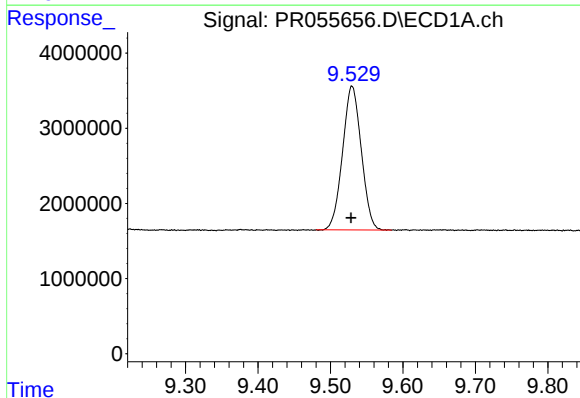
R.T.: 3.635 min
Delta R.T.: -0.001 min
Response: 82243333
Conc: 19.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



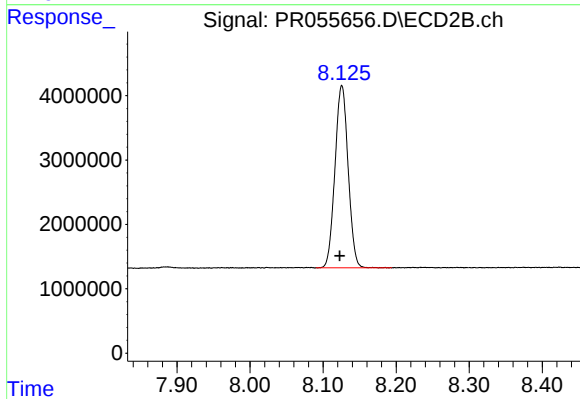
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 39379301
Conc: 19.61 ng/ml



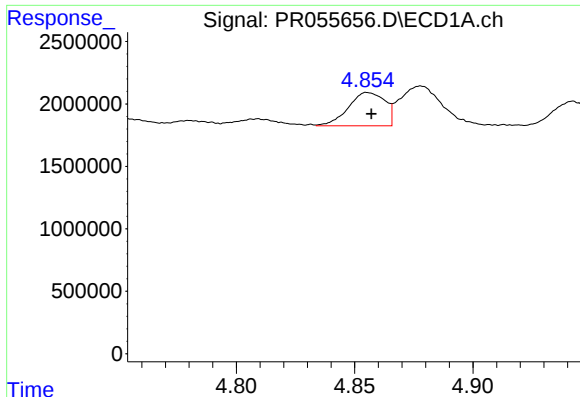
#2 Decachlorobiphenyl

R.T.: 9.530 min
Delta R.T.: 0.001 min
Response: 34253157
Conc: 19.26 ng/ml



#2 Decachlorobiphenyl

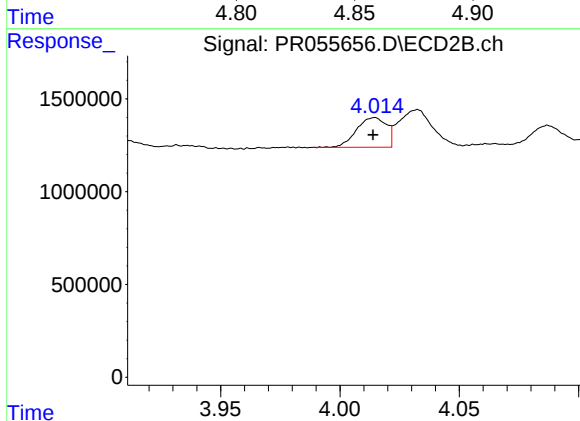
R.T.: 8.126 min
Delta R.T.: 0.003 min
Response: 35386886
Conc: 19.45 ng/ml



#3 AR-1016-1

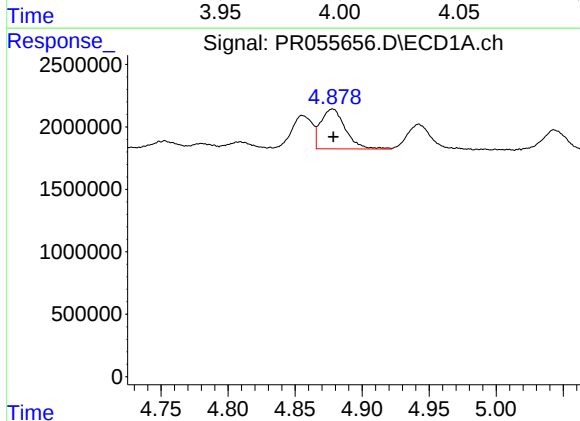
R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 2869446
Conc: 24.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



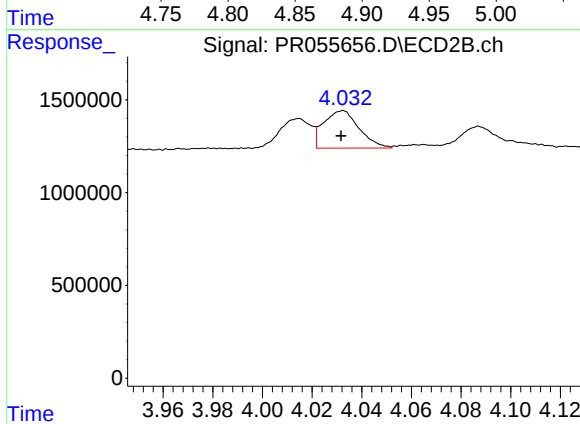
#3 AR-1016-1

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1390476
Conc: 21.47 ng/ml



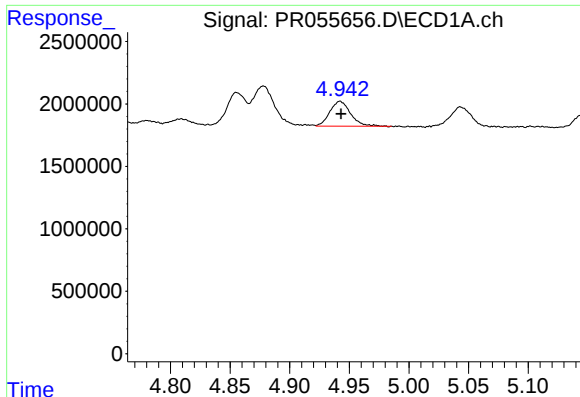
#4 AR-1016-2

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 4085443
Conc: 24.89 ng/ml



#4 AR-1016-2

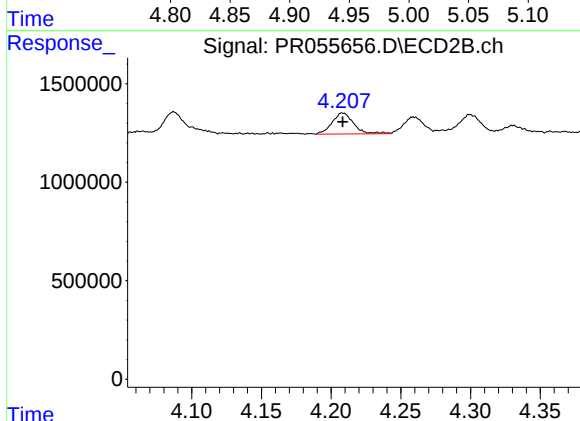
R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 2015352
Conc: 22.07 ng/ml



#5 AR-1016-3

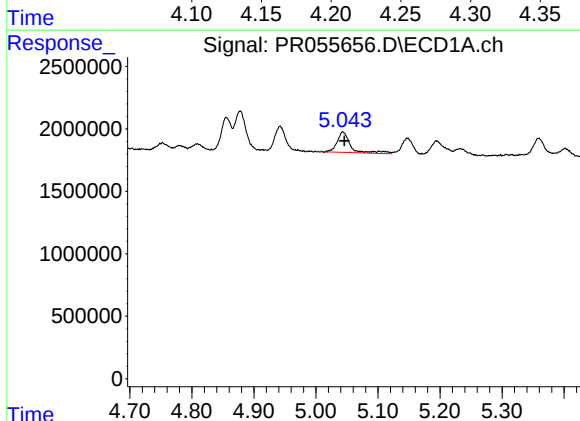
R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 2375993
Conc: 24.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



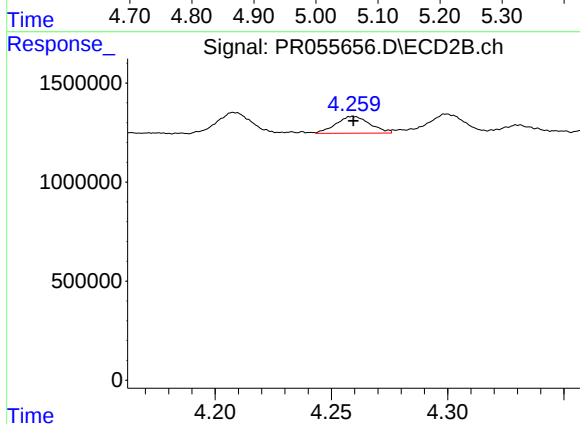
#5 AR-1016-3

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 1145877
Conc: 22.47 ng/ml



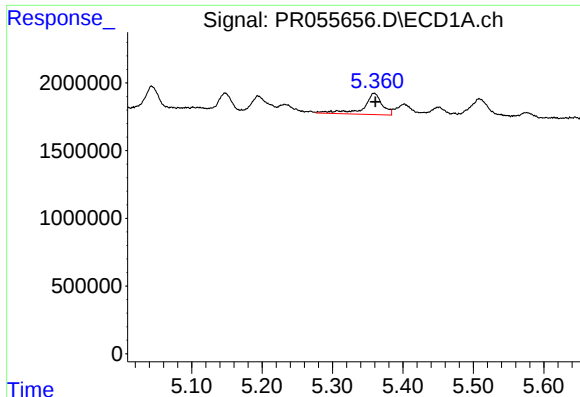
#6 AR-1016-4

R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 2441585
Conc: 30.82 ng/ml



#6 AR-1016-4

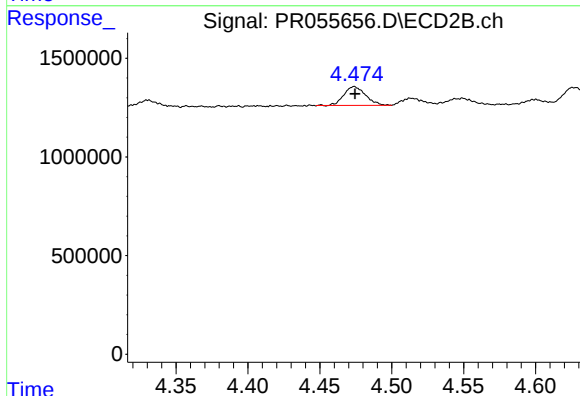
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 858689
Conc: 22.60 ng/ml



#7 AR-1016-5

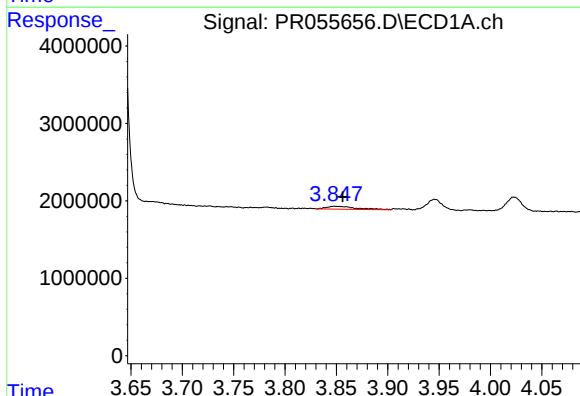
R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 2890253
Conc: 39.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



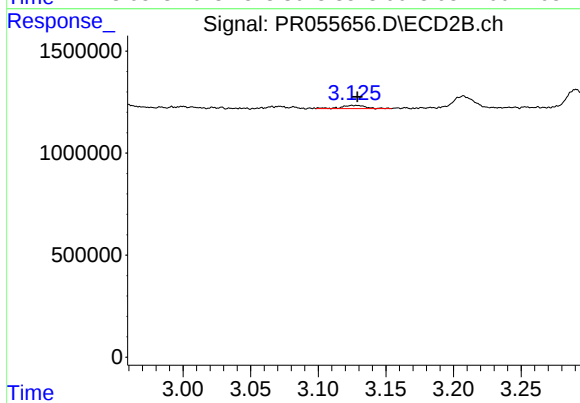
#7 AR-1016-5

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 1005668
Conc: 20.39 ng/ml



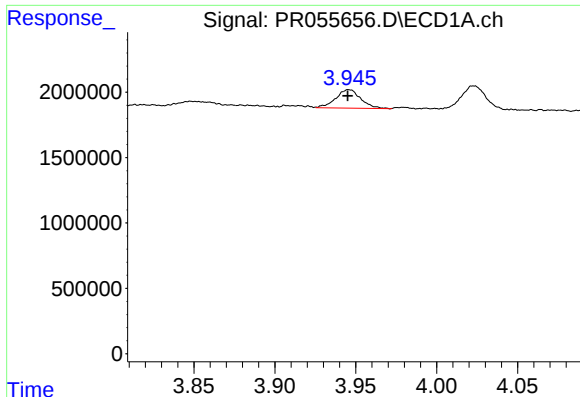
#8 AR-1221-1

R.T.: 3.850 min
Delta R.T.: -0.007 min
Response: 732808
Conc: 14.83 ng/ml



#8 AR-1221-1

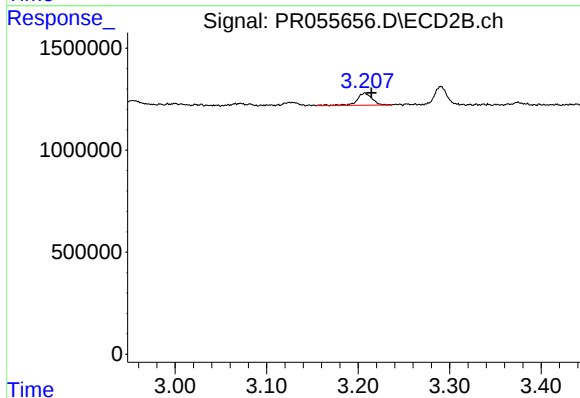
R.T.: 3.128 min
Delta R.T.: 0.000 min
Response: 195450
Conc: 8.56 ng/ml



#9 AR-1221-2

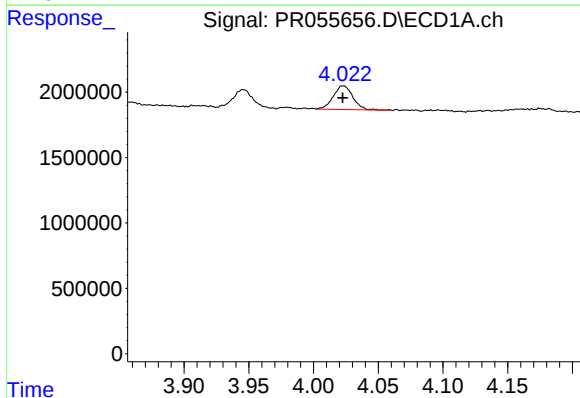
R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 1500596
Conc: 41.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



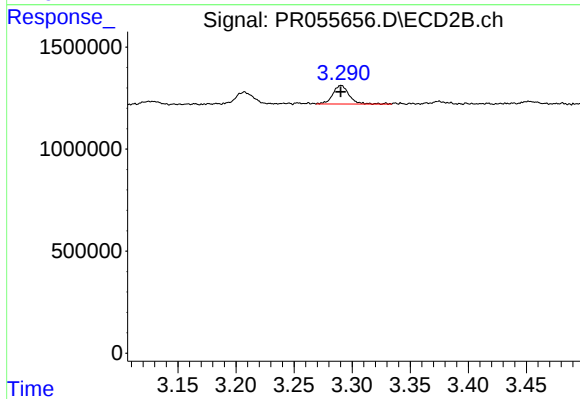
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.007 min
Response: 676639
Conc: 39.46 ng/ml



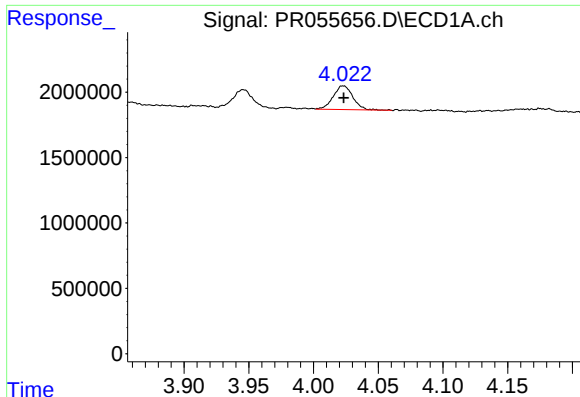
#10 AR-1221-3

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 1892682
Conc: 17.97 ng/ml



#10 AR-1221-3

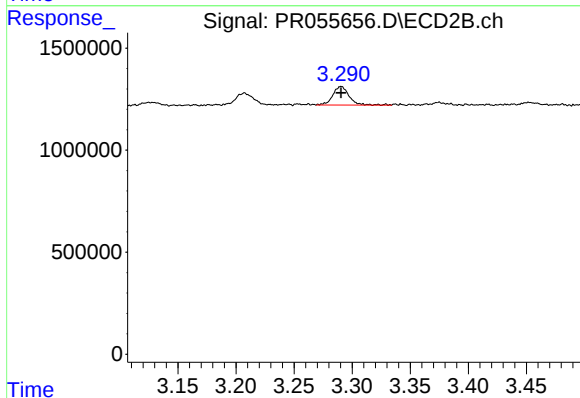
R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 885918
Conc: 16.92 ng/ml



#11 AR-1232-1

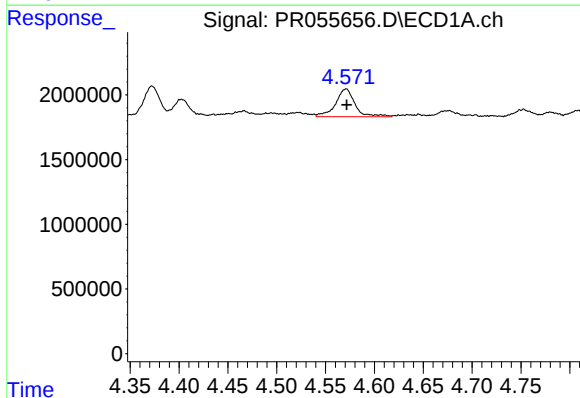
R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 1892682
Conc: 21.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



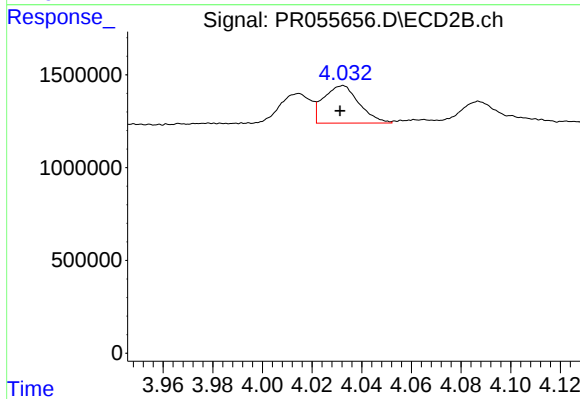
#11 AR-1232-1

R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 885918
Conc: 20.53 ng/ml



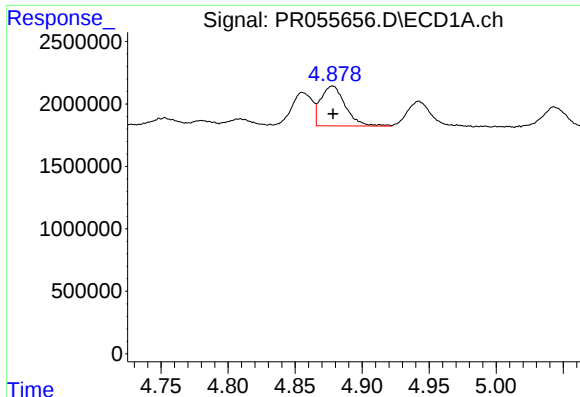
#12 AR-1232-2

R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 2982881
Conc: 69.50 ng/ml



#12 AR-1232-2

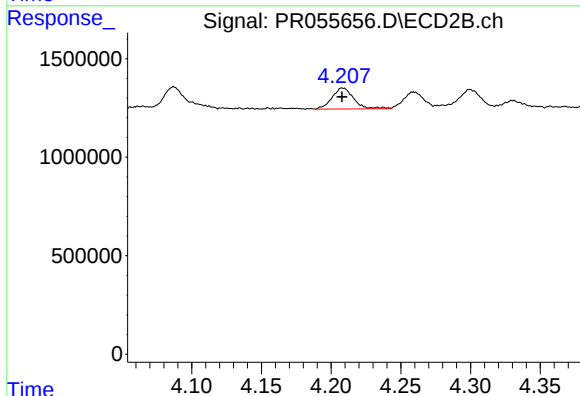
R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 2015352
Conc: 50.13 ng/ml



#13 AR-1232-3

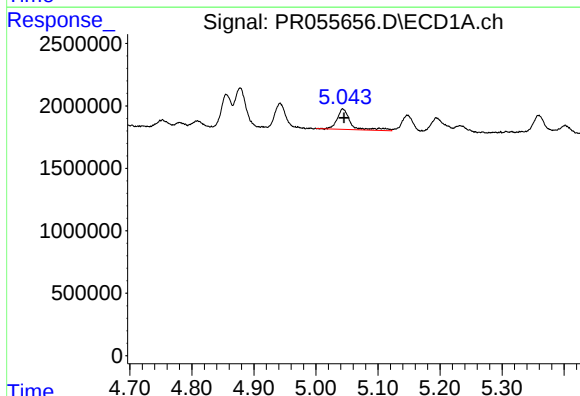
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 4085443
Conc: 55.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



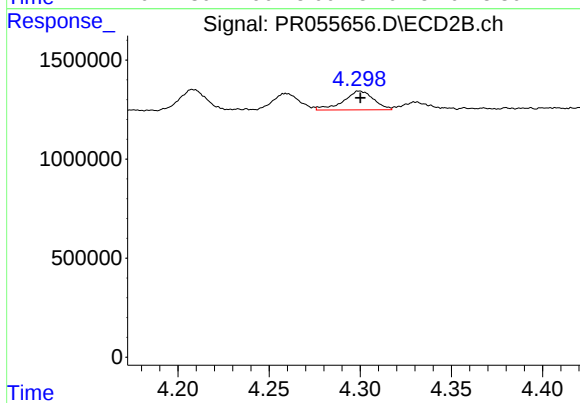
#13 AR-1232-3

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 1145877
Conc: 53.06 ng/ml



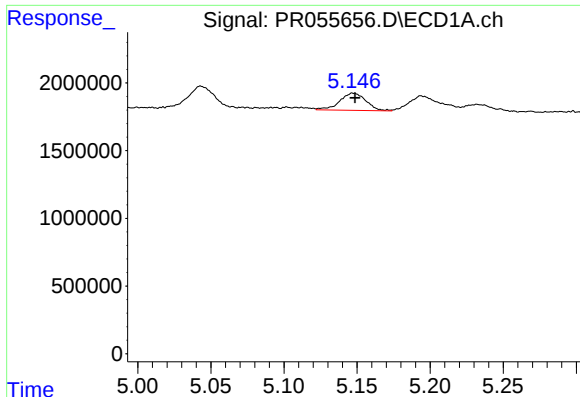
#14 AR-1232-4

R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 2441585
Conc: 70.74 ng/ml



#14 AR-1232-4

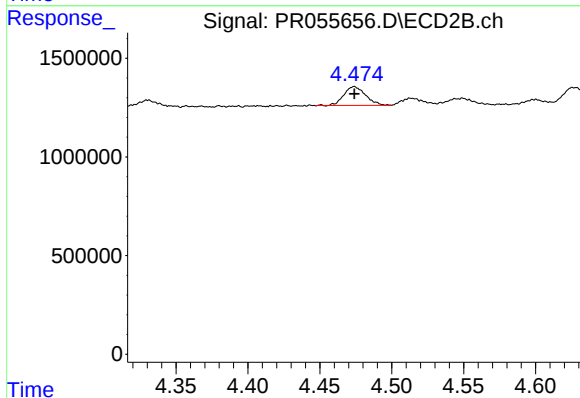
R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 1103808
Conc: 60.12 ng/ml



#15 AR-1232-5

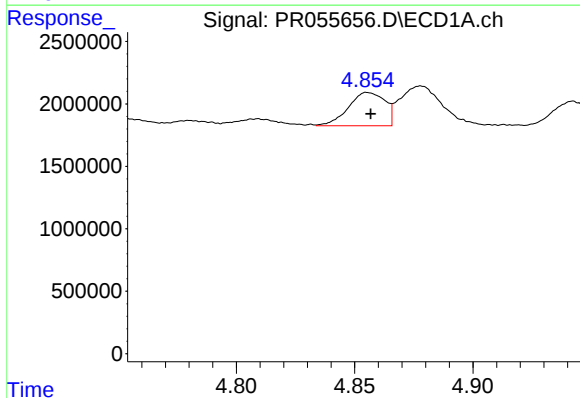
R.T.: 5.148 min
Delta R.T.: -0.001 min
Response: 1602387
Conc: 64.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



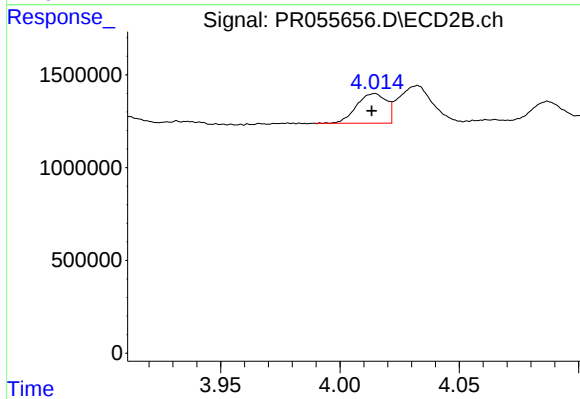
#15 AR-1232-5

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 1005668
Conc: 48.64 ng/ml



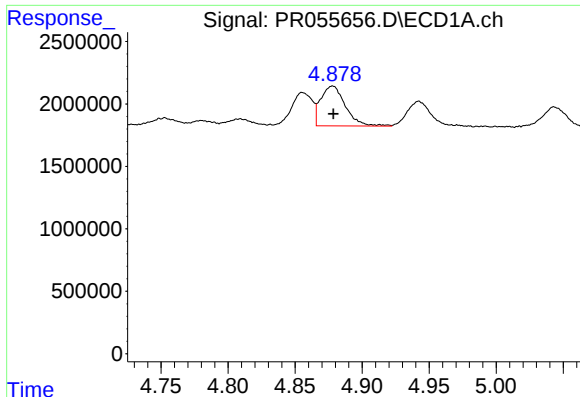
#16 AR-1242-1

R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 2869446
Conc: 30.51 ng/ml



#16 AR-1242-1

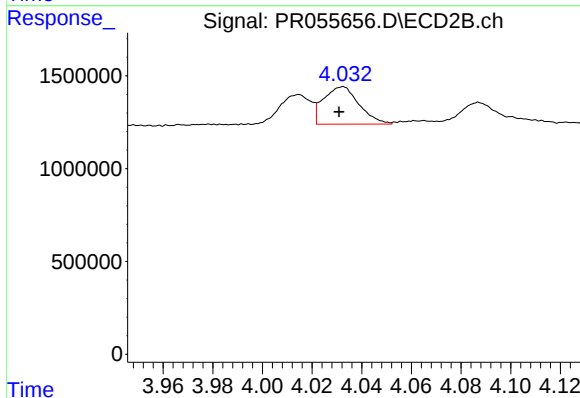
R.T.: 4.014 min
Delta R.T.: 0.001 min
Response: 1390476
Conc: 25.93 ng/ml



#17 AR-1242-2

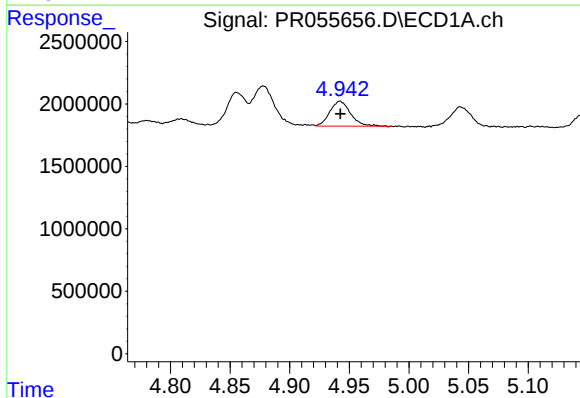
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 4085443
Conc: 30.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



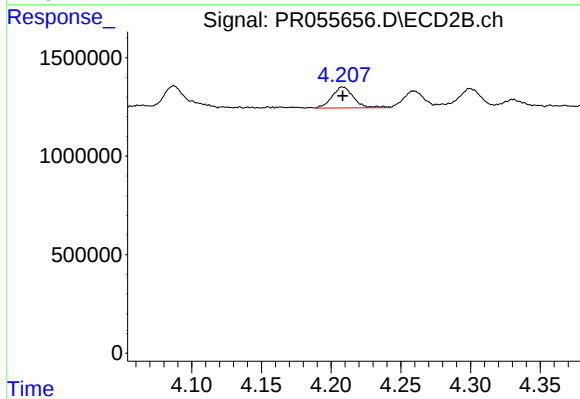
#17 AR-1242-2

R.T.: 4.032 min
Delta R.T.: 0.001 min
Response: 2015352
Conc: 26.95 ng/ml



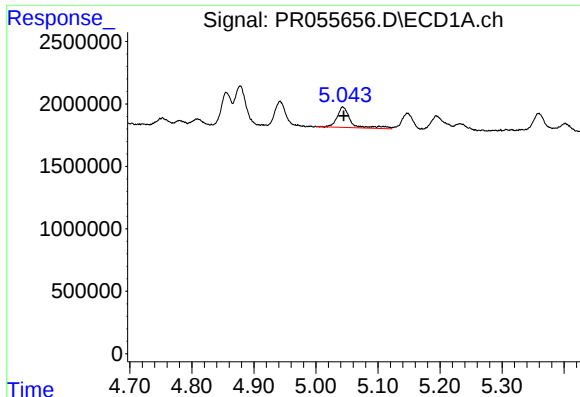
#18 AR-1242-3

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 2375993
Conc: 29.82 ng/ml



#18 AR-1242-3

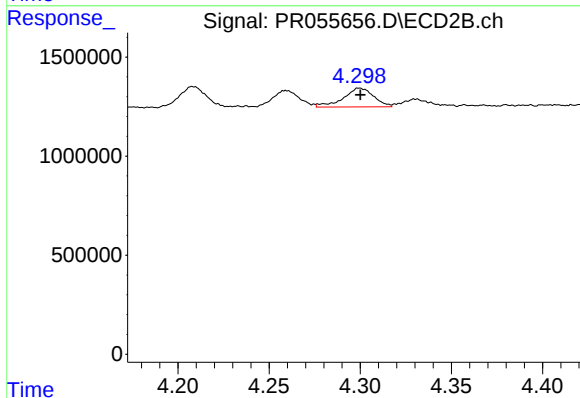
R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 1145877
Conc: 28.23 ng/ml



#19 AR-1242-4

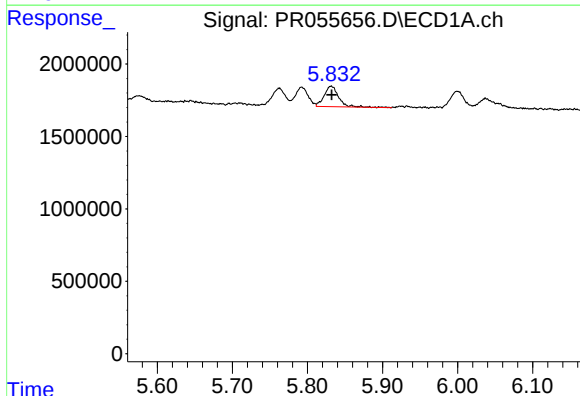
R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 2441585
Conc: 38.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



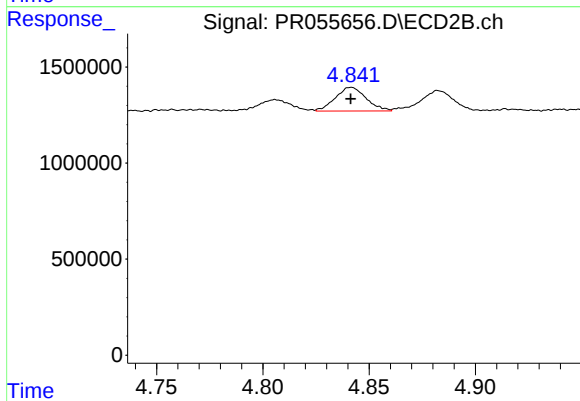
#19 AR-1242-4

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 1103808
Conc: 29.32 ng/ml



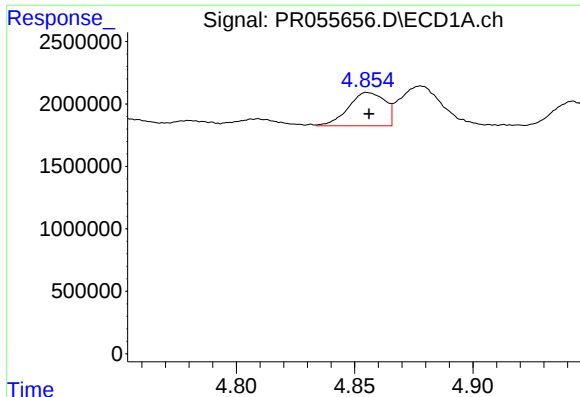
#20 AR-1242-5

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 1886708
Conc: 32.76 ng/ml



#20 AR-1242-5

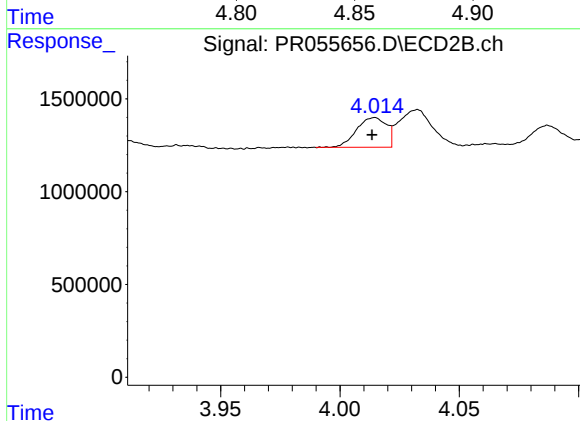
R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 1242924
Conc: 25.11 ng/ml



#21 AR-1248-1

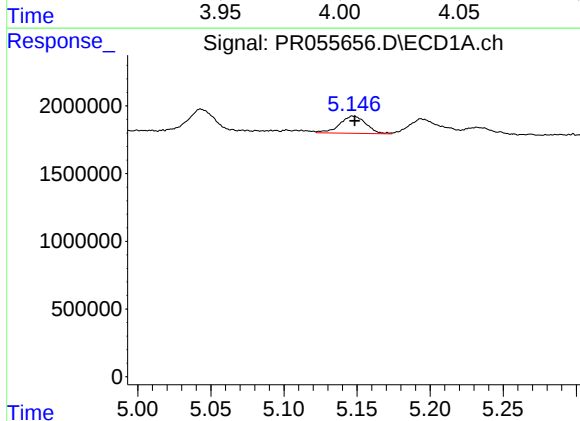
R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 2869446
Conc: 39.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



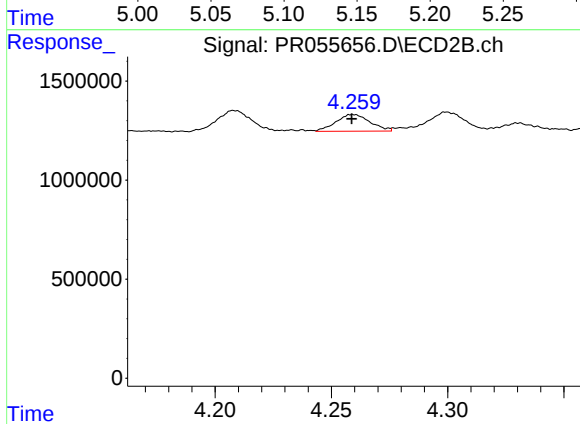
#21 AR-1248-1

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1390476
Conc: 34.17 ng/ml



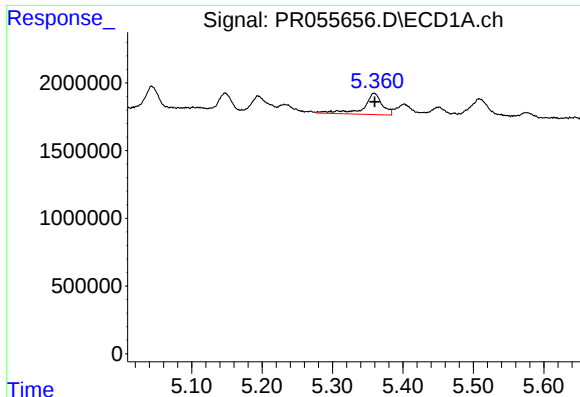
#22 AR-1248-2

R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 1602387
Conc: 18.02 ng/ml



#22 AR-1248-2

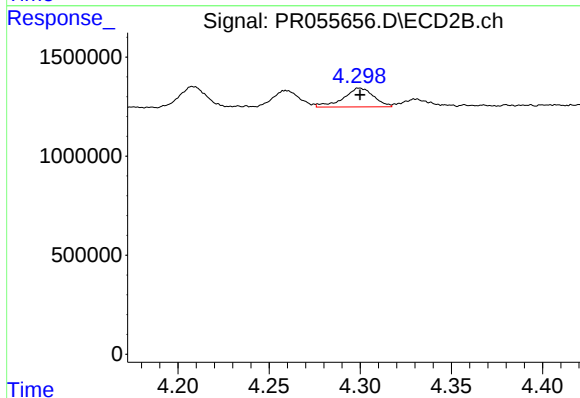
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 858689
Conc: 15.51 ng/ml



#23 AR-1248-3

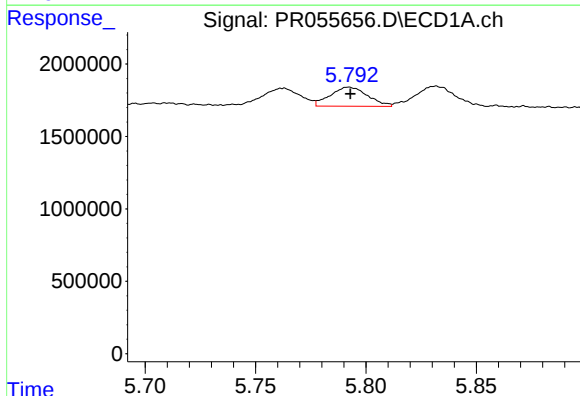
R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 2890253
Conc: 29.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



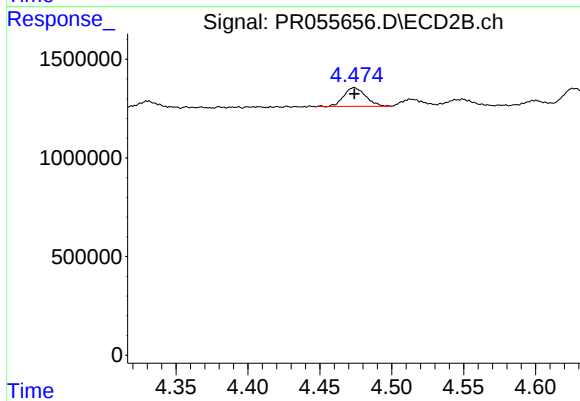
#23 AR-1248-3

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 1103808
Conc: 19.63 ng/ml



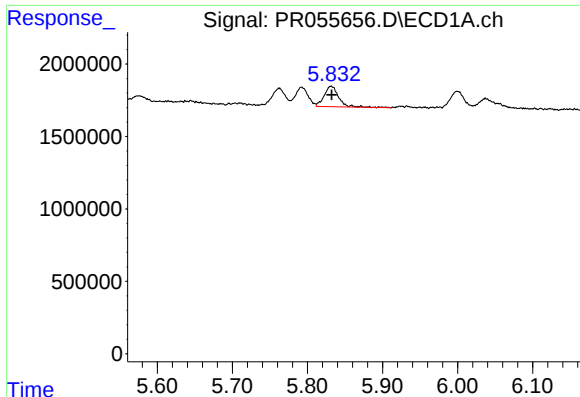
#24 AR-1248-4

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 1552141
Conc: 15.88 ng/ml



#24 AR-1248-4

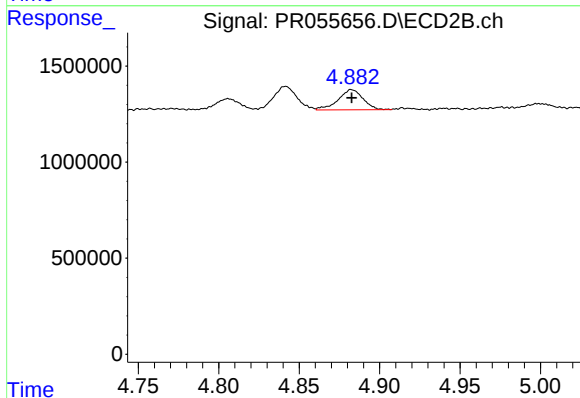
R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 1005668
Conc: 14.82 ng/ml



#25 AR-1248-5

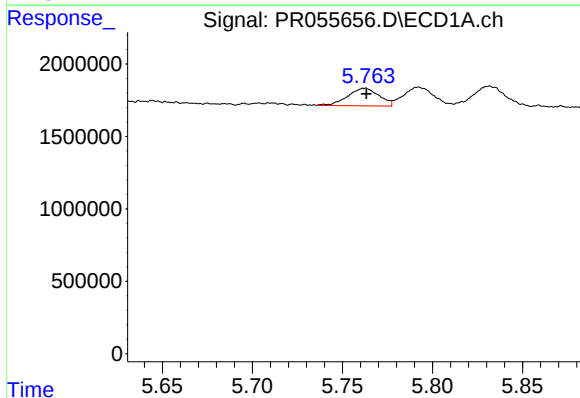
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 1886708
Conc: 19.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



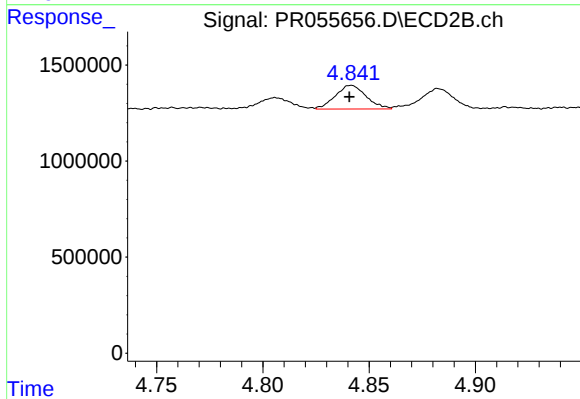
#25 AR-1248-5

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 1131354
Conc: 15.86 ng/ml



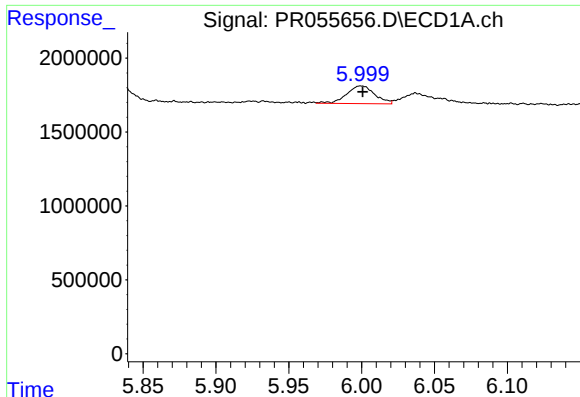
#26 AR-1254-1

R.T.: 5.762 min
Delta R.T.: -0.001 min
Response: 1471173
Conc: 14.36 ng/ml



#26 AR-1254-1

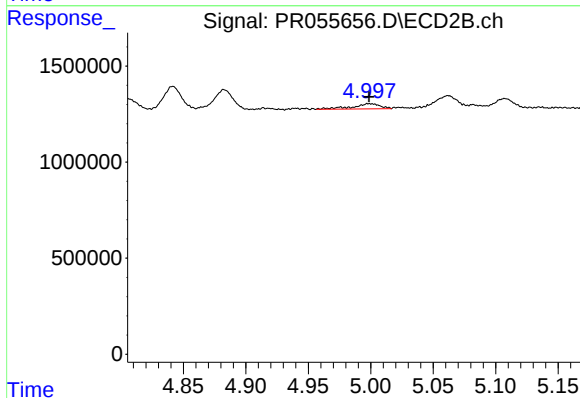
R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 1242924
Conc: 11.38 ng/ml



#27 AR-1254-2

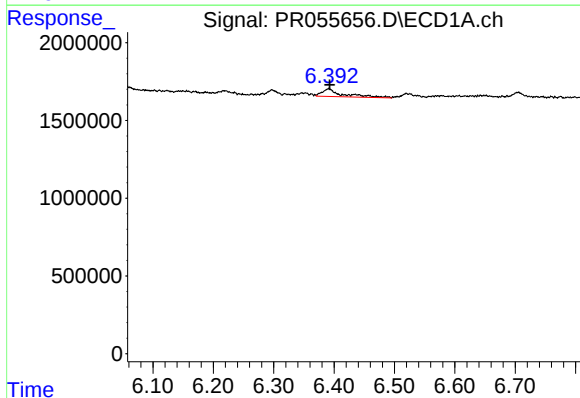
R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 1603754
Conc: 10.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



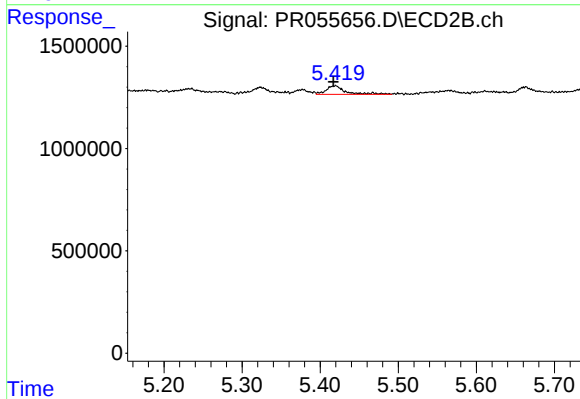
#27 AR-1254-2

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 417402
Conc: 4.31 ng/ml



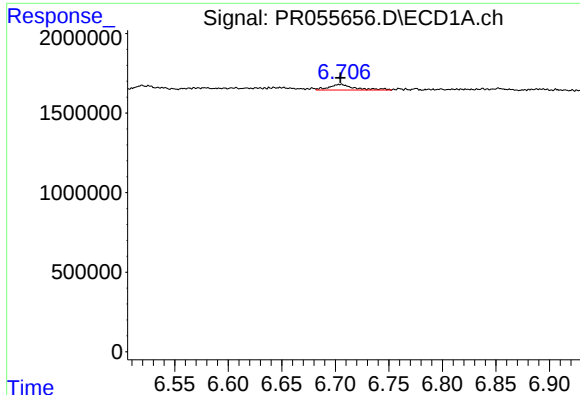
#28 AR-1254-3

R.T.: 6.391 min
Delta R.T.: -0.001 min
Response: 1160997
Conc: 7.92 ng/ml



#28 AR-1254-3

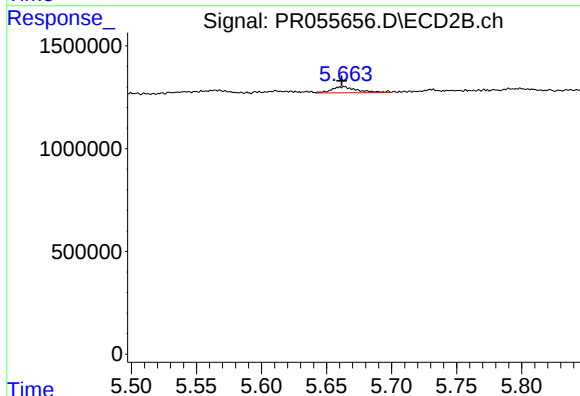
R.T.: 5.420 min
Delta R.T.: 0.003 min
Response: 710789
Conc: 4.67 ng/ml



#29 AR-1254-4

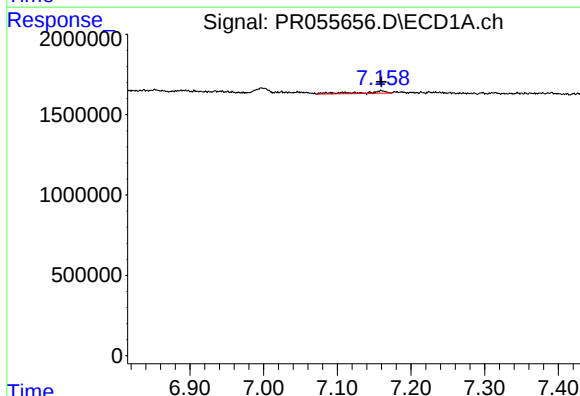
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 583503
Conc: 5.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



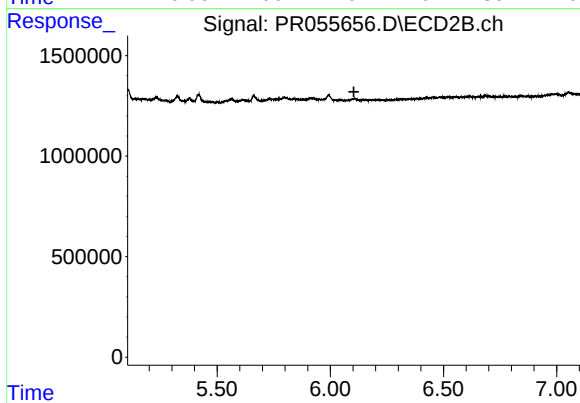
#29 AR-1254-4

R.T.: 5.663 min
Delta R.T.: 0.002 min
Response: 414391
Conc: 4.21 ng/ml



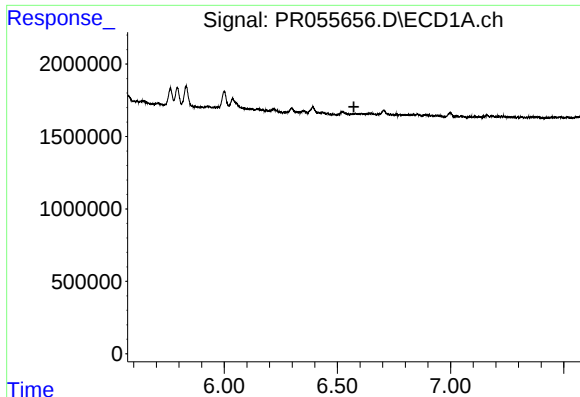
#30 AR-1254-5

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 363544
Conc: 3.35 ng/ml



#30 AR-1254-5

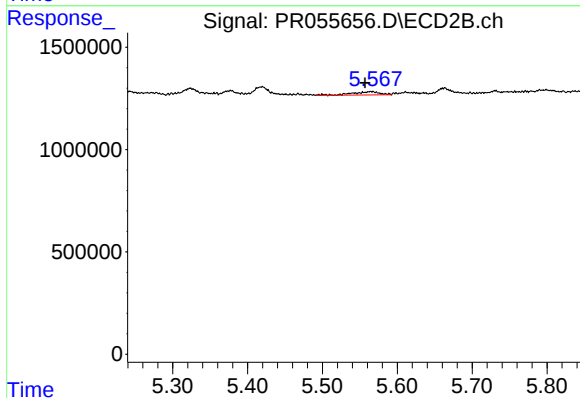
R.T.: 0.000 min
Exp R.T. : 6.104 min
Response: 0
Conc: N.D.



#31 AR-1260-1

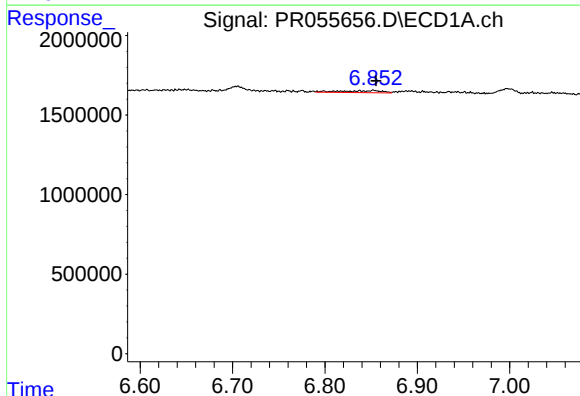
R.T.: 0.000 min
Exp R.T.: 6.573 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



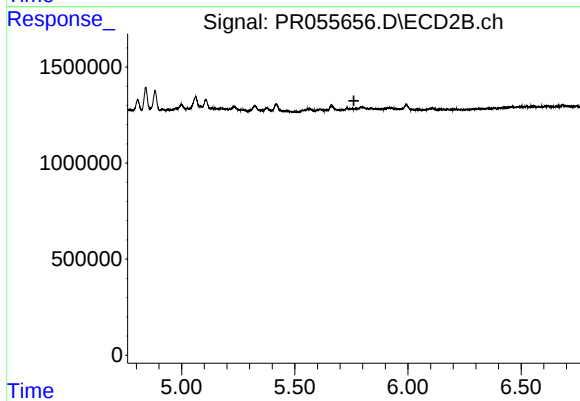
#31 AR-1260-1

R.T.: 5.565 min
Delta R.T.: 0.008 min
Response: 414385
Conc: 4.11 ng/ml



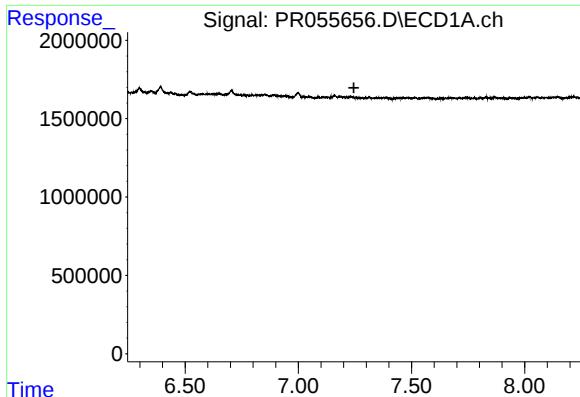
#32 AR-1260-2

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 371293
Conc: 3.00 ng/ml



#32 AR-1260-2

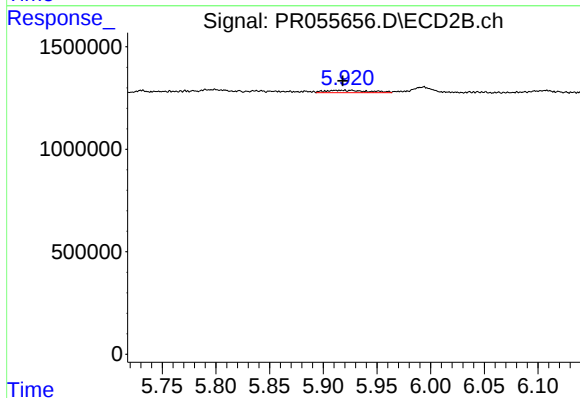
R.T.: 0.000 min
Exp R.T.: 5.761 min
Response: 0
Conc: N.D.



#33 AR-1260-3

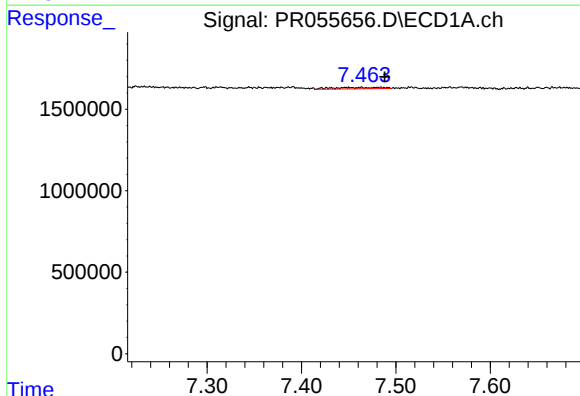
R.T.: 0.000 min
Exp R.T.: 7.246 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



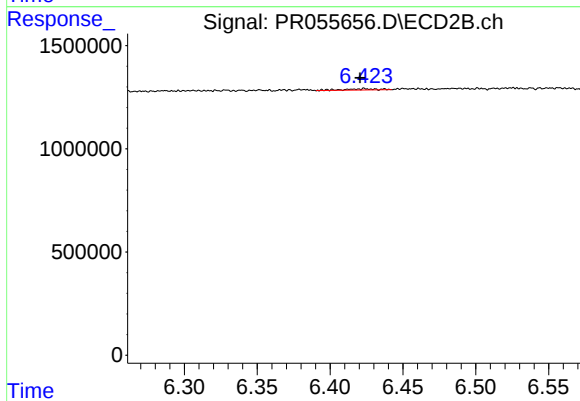
#33 AR-1260-3

R.T.: 5.926 min
Delta R.T.: 0.008 min
Response: 336182
Conc: 2.97 ng/ml



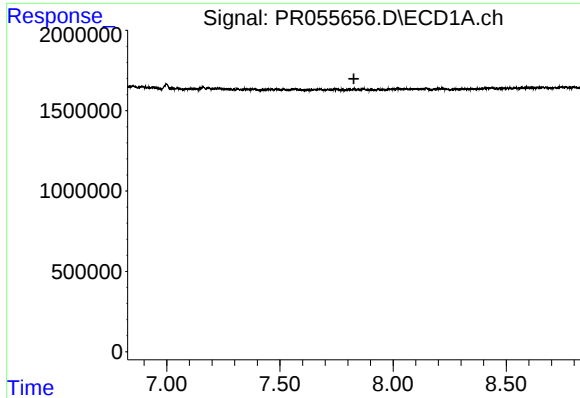
#34 AR-1260-4

R.T.: 7.464 min
Delta R.T.: -0.025 min
Response: 303602
Conc: 2.96 ng/ml



#34 AR-1260-4

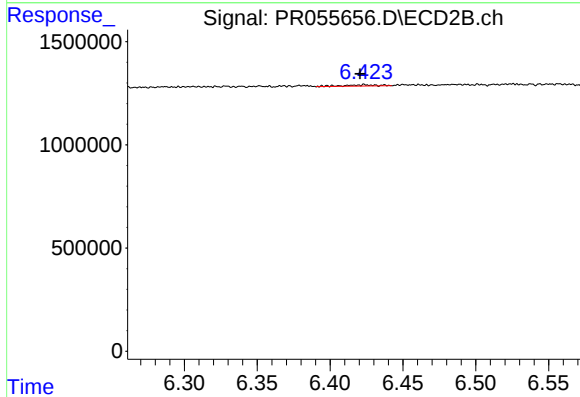
R.T.: 6.424 min
Delta R.T.: 0.003 min
Response: 96186
Conc: 1.01 ng/ml



#37 AR-1262-2

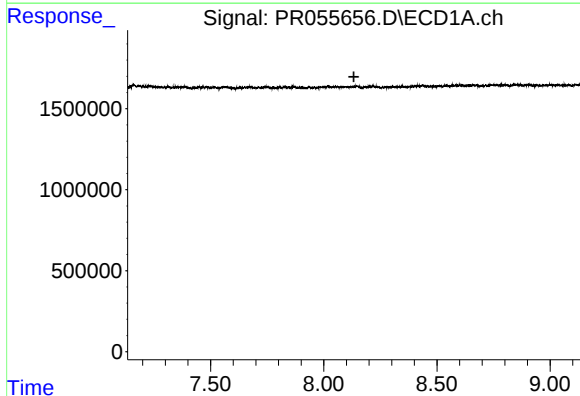
R.T.: 0.000 min
Exp R.T.: 7.827 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



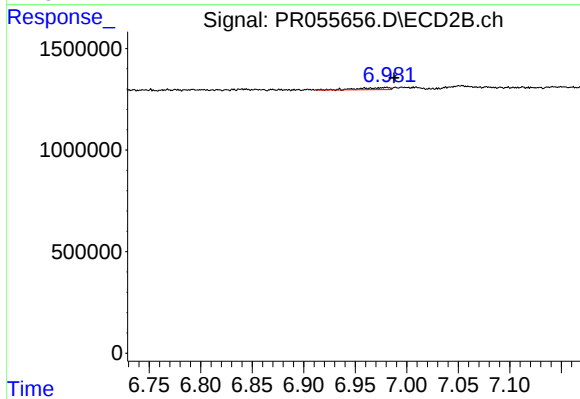
#37 AR-1262-2

R.T.: 6.424 min
Delta R.T.: 0.003 min
Response: 96186
Conc: 0.79 ng/ml



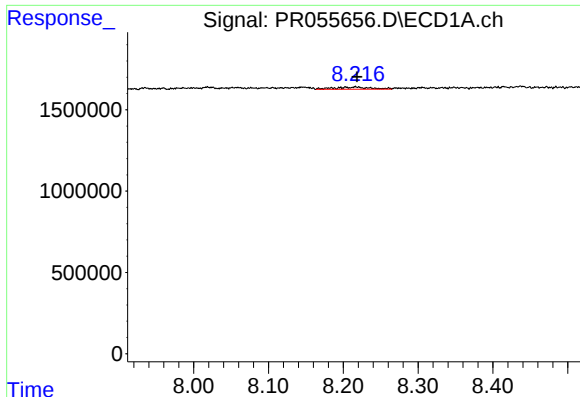
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.133 min
Response: 0
Conc: N.D.



#38 AR-1262-3

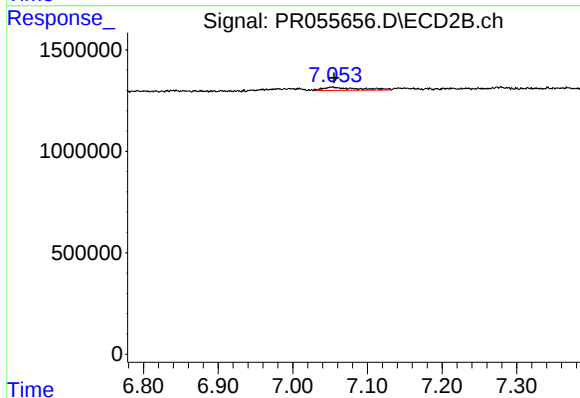
R.T.: 6.980 min
Delta R.T.: -0.008 min
Response: 198015
Conc: 2.06 ng/ml



#39 AR-1262-4

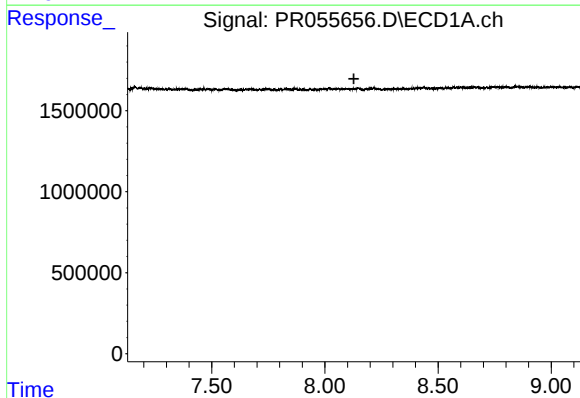
R.T.: 8.217 min
Delta R.T.: -0.002 min
Response: 433757
Conc: 6.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



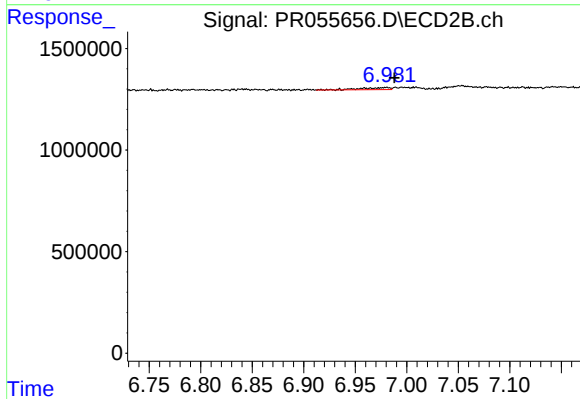
#39 AR-1262-4

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 495095
Conc: 2.72 ng/ml



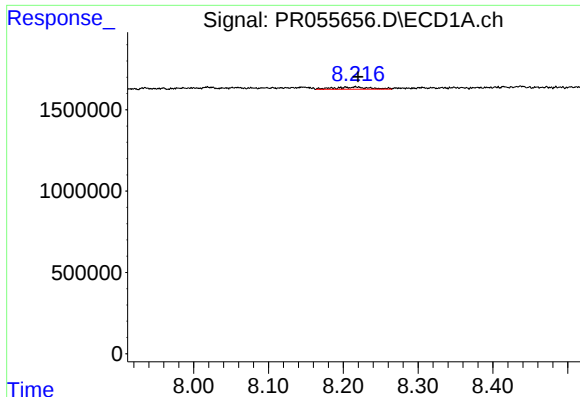
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.128 min
Response: 0
Conc: N.D.



#41 AR-1268-1

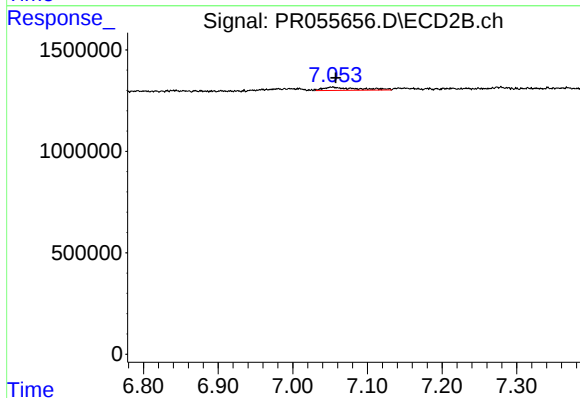
R.T.: 6.980 min
Delta R.T.: -0.008 min
Response: 198015
Conc: 0.70 ng/ml



#42 AR-1268-2

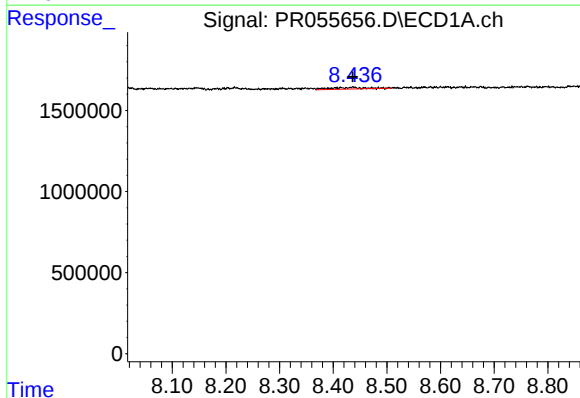
R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 433757
Conc: 1.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



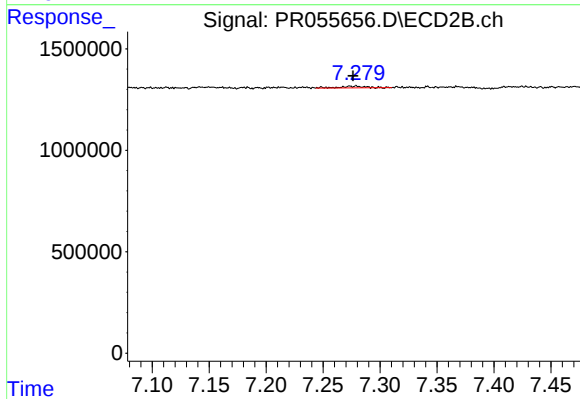
#42 AR-1268-2

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 495095
Conc: 1.94 ng/ml



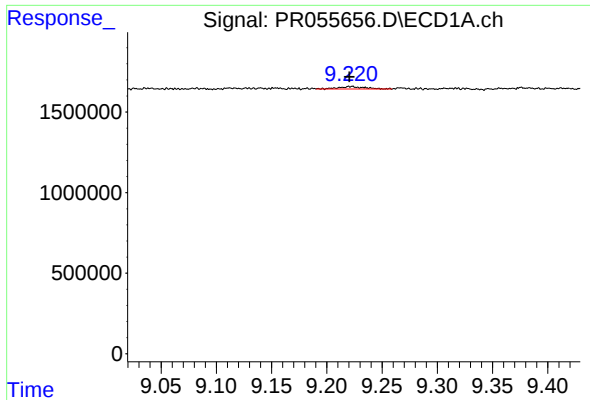
#43 AR-1268-3

R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 453000
Conc: 2.35 ng/ml



#43 AR-1268-3

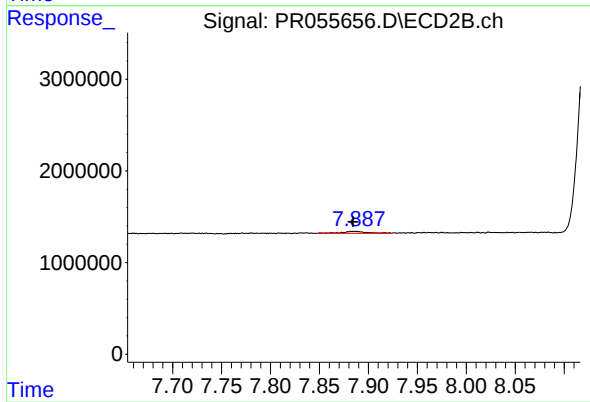
R.T.: 7.279 min
Delta R.T.: 0.003 min
Response: 134001
Conc: 0.62 ng/ml



#45 AR-1268-5

R.T.: 9.222 min
Delta R.T.: 0.002 min
Response: 263450
Conc: 0.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.886 min
Delta R.T.: 0.002 min
Response: 376778
Conc: 0.55 ng/ml