

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062422\
 Data File : PR054944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2022 20:23
 Operator : AJ\MA
 Sample : N3455-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 23:59:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR053122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 01 05:23:25 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...	3.647	2.921	48526326	27111846	12.021	14.622
2)	SA Decachlor...	9.536	8.144	19842790	20483442	12.142	12.247
Target Compounds							
3)	L1 AR-1016-1	4.876	4.046	25960	334023	0.204	5.067 #
4)	L1 AR-1016-2	4.876	4.046	25960	334023	0.145	3.732 #
5)	L1 AR-1016-3	4.959	4.217	168252	189489	1.538	3.904 #
6)	L1 AR-1016-4	0.000	4.277	0	662630	N.D.	17.546 #
7)	L1 AR-1016-5	5.363	4.473f	1158713	680001	14.540	13.985
8)	L2 AR-1221-1	3.855f	0.000	2167405	0	46.984	N.D. #
9)	L2 AR-1221-2	3.958	3.220	2117884	945483	62.050	59.777
10)	L2 AR-1221-3	4.049	3.303	986215	330299	9.652	6.809 #
11)	L3 AR-1232-1	4.049	3.303	986215	330299	10.288	7.315 #
12)	L3 AR-1232-2	4.580	4.046	869527	334023	19.188	8.007 #
13)	L3 AR-1232-3	4.876	4.217	25960	189489	0.312	8.344 #
14)	L3 AR-1232-4	0.000	4.321	0	1269995	N.D.	64.846 #
15)	L3 AR-1232-5	5.154	4.473f	1146093	680001	39.839	30.094
16)	L4 AR-1242-1	4.876	4.046	25960	334023	0.267	6.744 #
17)	L4 AR-1242-2	4.876	4.046	25960	334023	0.194	4.927 #
18)	L4 AR-1242-3	4.959	4.217	168252	189489	2.025	5.105 #
19)	L4 AR-1242-4	0.000	4.321	0	1269995	N.D.	36.483 #
20)	L4 AR-1242-5	5.842	4.856	3260471	4212872	55.872	93.271 #
21)	L5 AR-1248-1	4.876	4.046	25960	334023	0.364	9.045 #
22)	L5 AR-1248-2	5.154	4.277	1146093	662630	12.798	13.572
23)	L5 AR-1248-3	5.363	4.321	1158713	1269995	11.587	25.209 #
24)	L5 AR-1248-4	5.804	4.473f	3071308	680001	31.087	11.111 #
25)	L5 AR-1248-5	5.842	4.910	3260471	2151636	34.067	34.608
26)	L6 AR-1254-1	5.772	4.856	4505409	4212872	45.066	45.000
27)	L6 AR-1254-2	6.008	5.015	12139373	2256249	86.425	27.845 #
28)	L6 AR-1254-3	6.415	5.434	40507111	4002158	301.590	30.101 #
29)	L6 AR-1254-4	6.708	5.675	2976327	2890610	30.220	33.829
30)	L6 AR-1254-5	7.165	6.122	6835813	19976895	70.136	167.768 #
31)	L7 AR-1260-1	6.579	5.574	4971025	6078207	48.327	64.905 #
32)	L7 AR-1260-2	6.851	5.777	168.6E6	4487507	1415.439	38.888 #
33)	L7 AR-1260-3	7.252	5.933	4368360	5883200	57.046	49.118
34)	L7 AR-1260-4	7.494	6.438	5722665	5314321	63.478	64.559
35)	L7 AR-1260-5	7.832	6.702	8711033	8861886	52.086	45.539
36)	L8 AR-1262-1	7.252	6.165	4368360	4440307	37.793	36.454
37)	L8 AR-1262-2	7.832	6.438	8711033	5314321	43.755	47.721
38)	L8 AR-1262-3	8.139	7.006	9841565	5757358	71.778	65.439
39)	L8 AR-1262-4	8.225	7.074	10687245	11872085	174.631	70.693 #
40)	L8 AR-1262-5	8.845	7.609	5376771	4584523	71.092	57.725
41)	L9 AR-1268-1	8.139	7.006	9841565	5757358	42.189	22.296 #

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 Quant Time: Jun 24 23:59:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR053122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 01 05:23:25 2022
 Response via : Initial Calibration
 Integrator: ChemStation

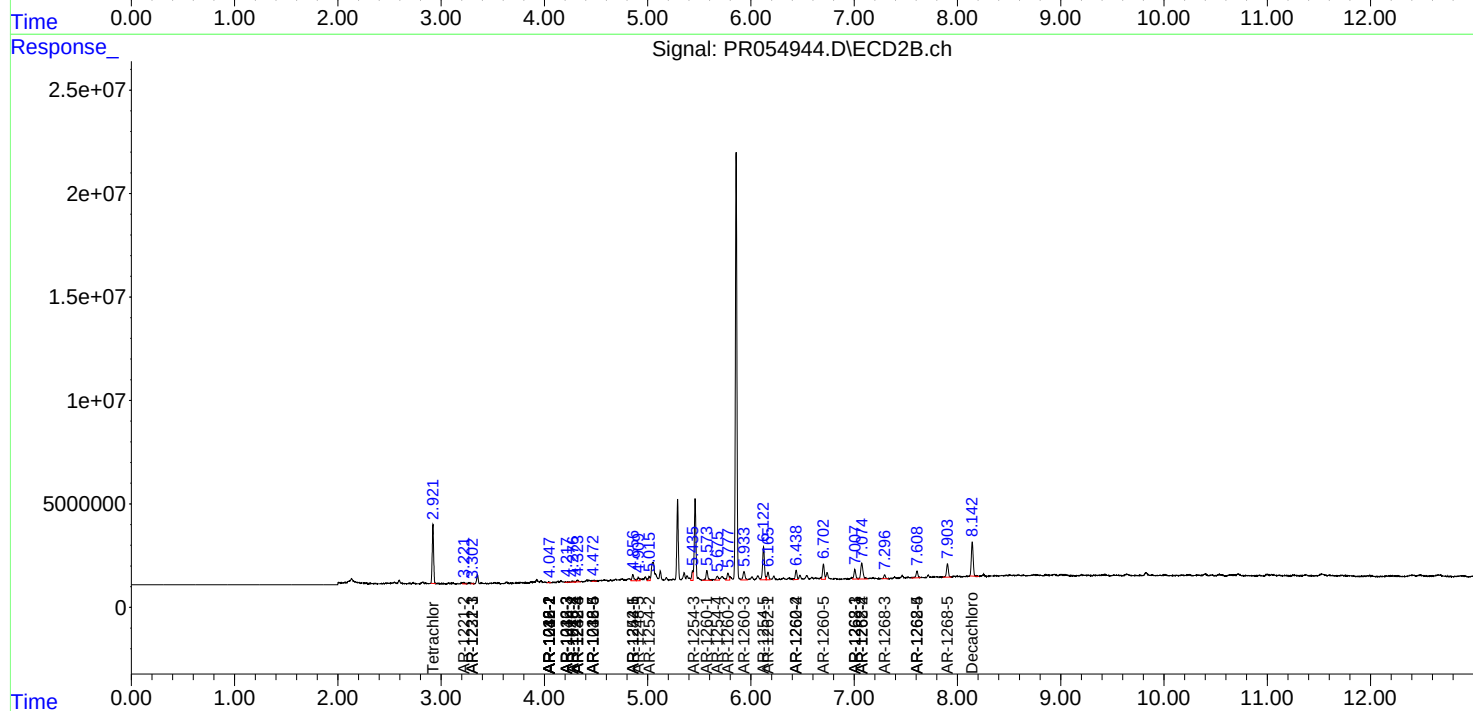
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

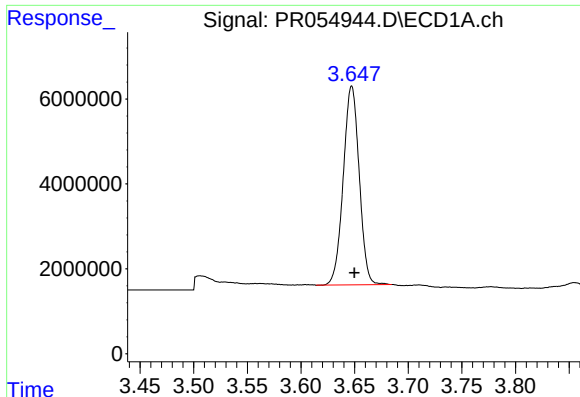
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.225	7.074	10687245	11872085	49.689	49.832
43) L9	AR-1268-3	8.444	7.295	3364344	2146976	18.771	10.809 #
44) L9	AR-1268-4	8.845	7.609	5376771	4584523	63.653	51.392
45) L9	AR-1268-5	9.229	7.904	8049668	8246373	13.597	12.695

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

Instrument :
ECD_R
ClientSampleId :

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

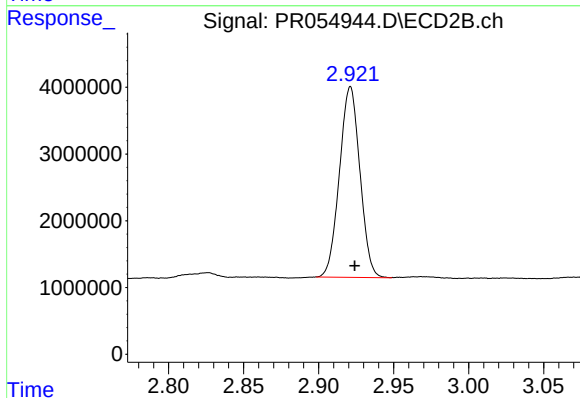




#1 Tetrachloro-m-xylene

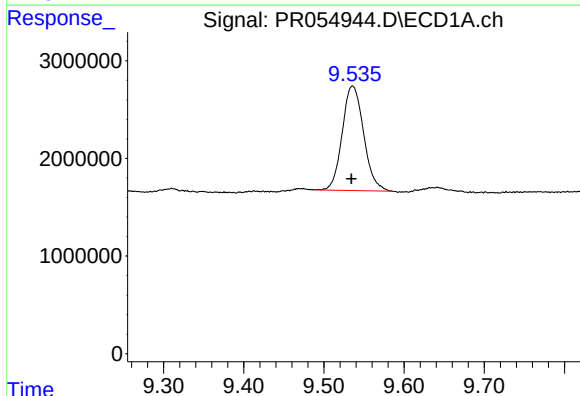
R.T.: 3.647 min
Delta R.T.: -0.003 min
Response: 48526326
Conc: 12.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



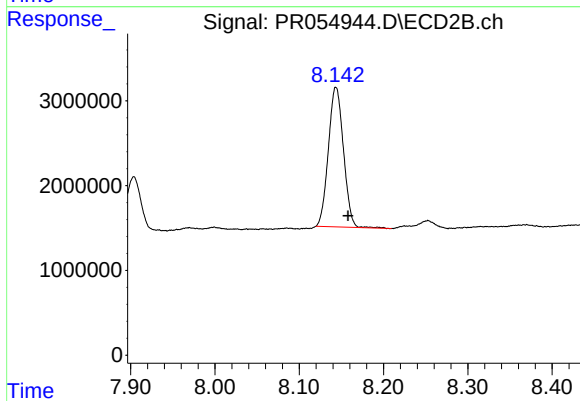
#1 Tetrachloro-m-xylene

R.T.: 2.921 min
Delta R.T.: -0.003 min
Response: 27111846
Conc: 14.62 ng/ml



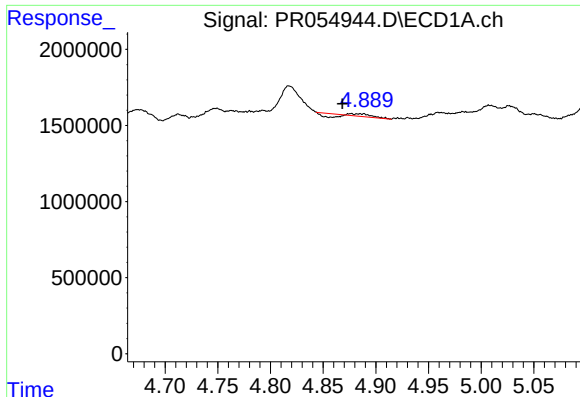
#2 Decachlorobiphenyl

R.T.: 9.536 min
Delta R.T.: 0.001 min
Response: 19842790
Conc: 12.14 ng/ml



#2 Decachlorobiphenyl

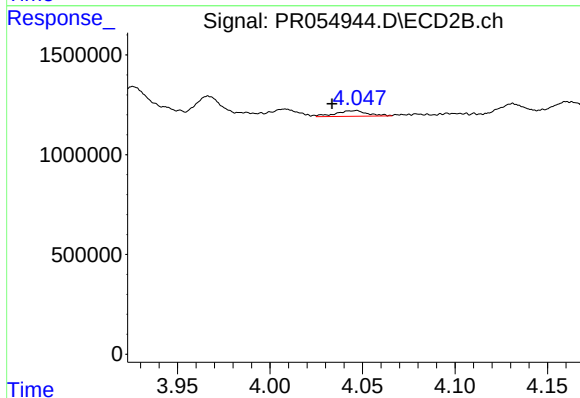
R.T.: 8.144 min
Delta R.T.: -0.014 min
Response: 20483442
Conc: 12.25 ng/ml



#3 AR-1016-1

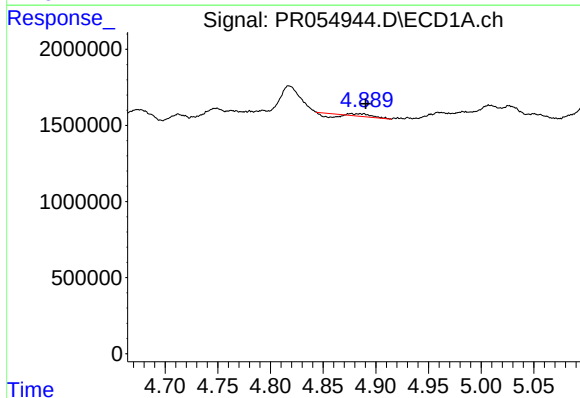
R.T.: 4.876 min
Delta R.T.: 0.008 min
Response: 25960
Conc: 0.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



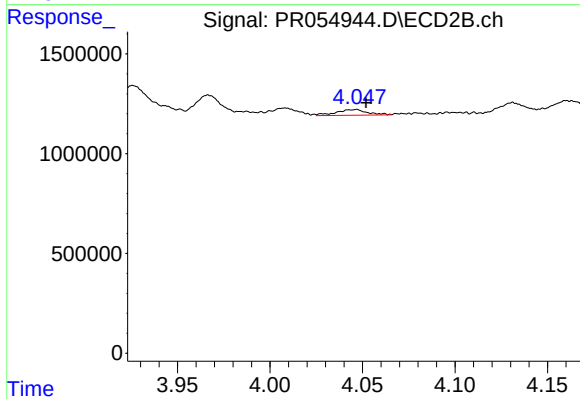
#3 AR-1016-1

R.T.: 4.046 min
Delta R.T.: 0.013 min
Response: 334023
Conc: 5.07 ng/ml



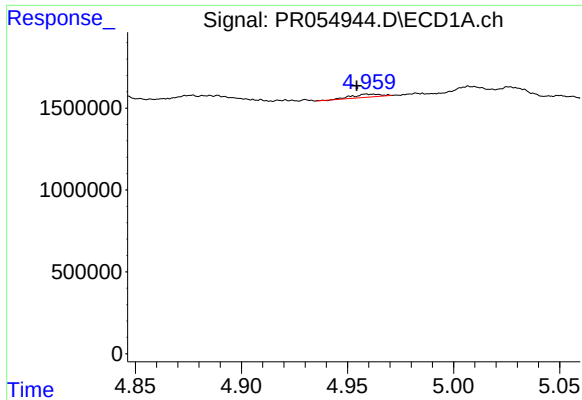
#4 AR-1016-2

R.T.: 4.876 min
Delta R.T.: -0.014 min
Response: 25960
Conc: 0.14 ng/ml



#4 AR-1016-2

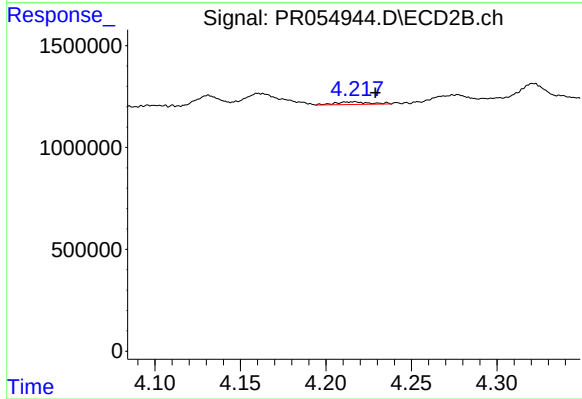
R.T.: 4.046 min
Delta R.T.: -0.005 min
Response: 334023
Conc: 3.73 ng/ml



#5 AR-1016-3

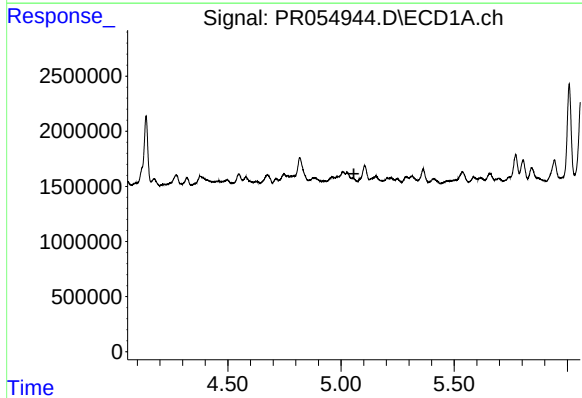
R.T.: 4.959 min
Delta R.T.: 0.005 min
Response: 168252
Conc: 1.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



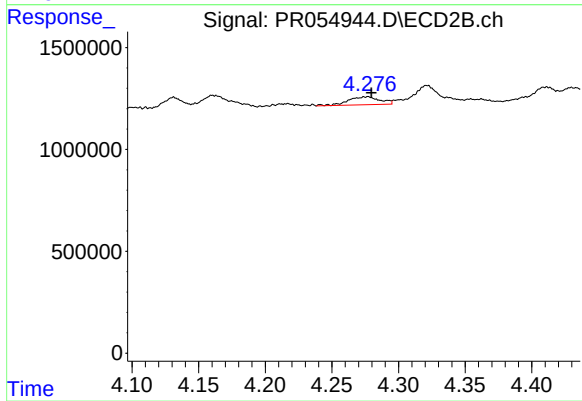
#5 AR-1016-3

R.T.: 4.217 min
Delta R.T.: -0.012 min
Response: 189489
Conc: 3.90 ng/ml



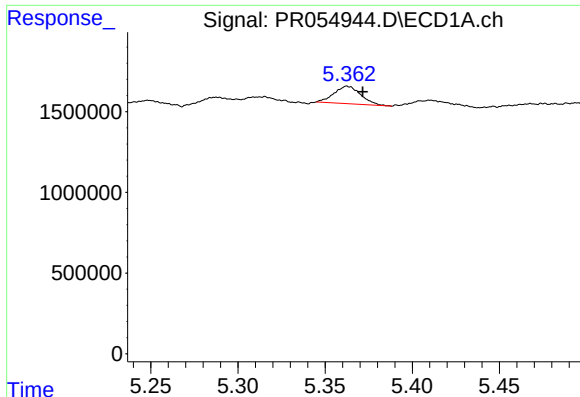
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.057 min
Response: 0
Conc: N.D.



#6 AR-1016-4

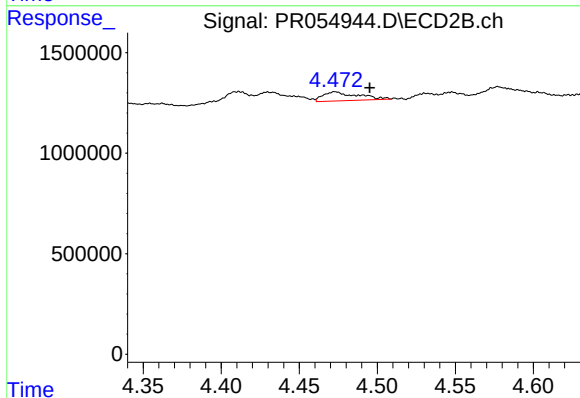
R.T.: 4.277 min
Delta R.T.: -0.003 min
Response: 662630
Conc: 17.55 ng/ml



#7 AR-1016-5

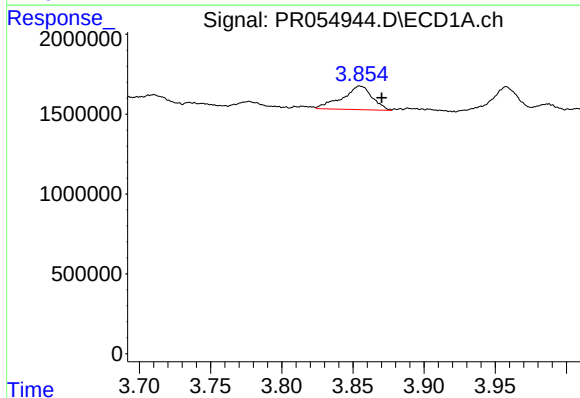
R.T.: 5.363 min
Delta R.T.: -0.009 min
Response: 1158713
Conc: 14.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



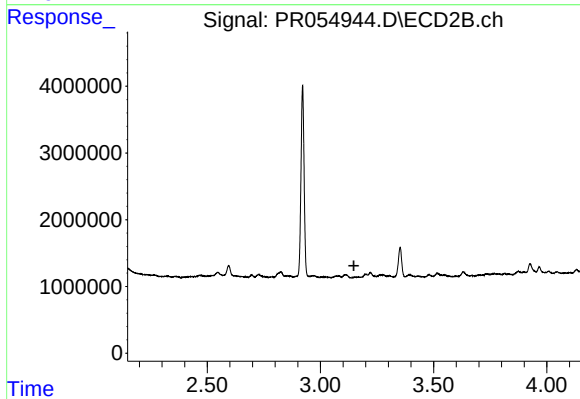
#7 AR-1016-5

R.T.: 4.473 min
Delta R.T.: -0.022 min
Response: 680001
Conc: 13.99 ng/ml



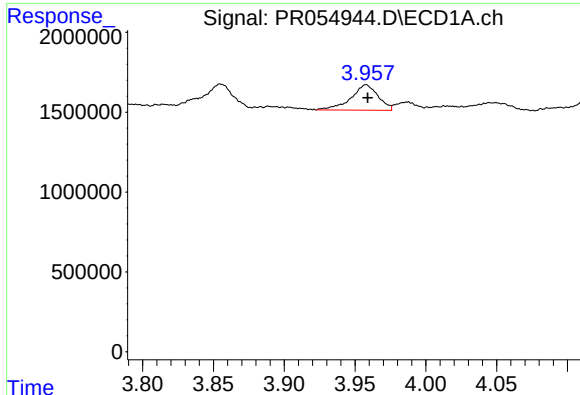
#8 AR-1221-1

R.T.: 3.855 min
Delta R.T.: -0.015 min
Response: 2167405
Conc: 46.98 ng/ml



#8 AR-1221-1

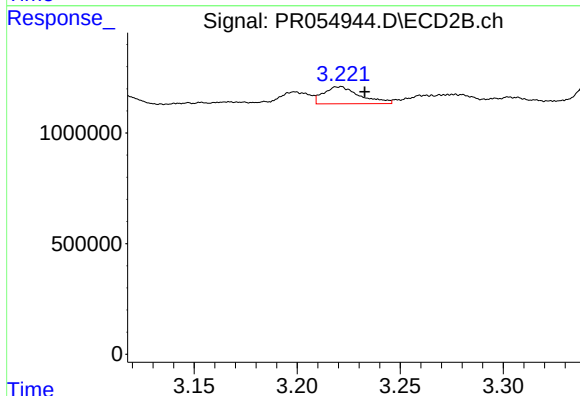
R.T.: 0.000 min
Exp R.T. : 3.148 min
Response: 0
Conc: N.D.



#9 AR-1221-2

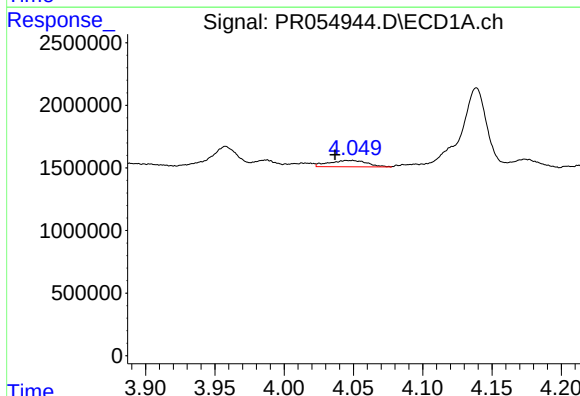
R.T.: 3.958 min
Delta R.T.: -0.001 min
Response: 2117884
Conc: 62.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



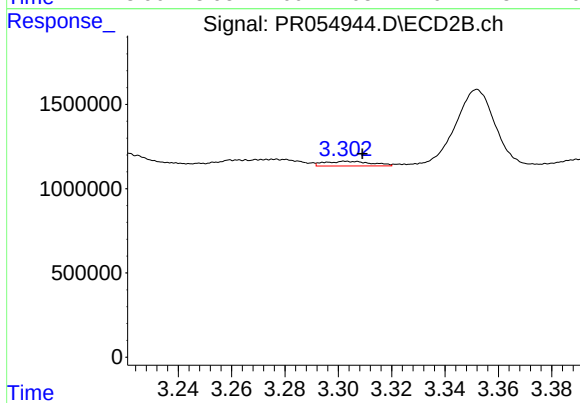
#9 AR-1221-2

R.T.: 3.220 min
Delta R.T.: -0.012 min
Response: 945483
Conc: 59.78 ng/ml



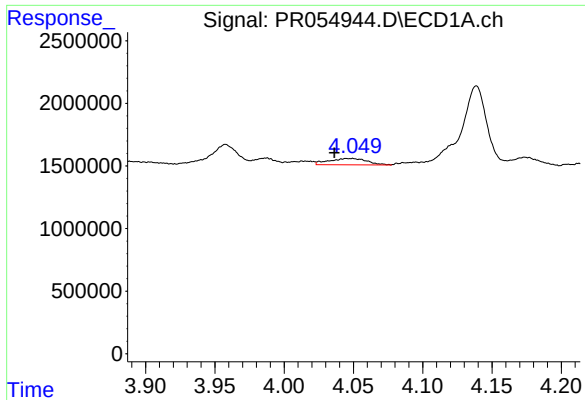
#10 AR-1221-3

R.T.: 4.049 min
Delta R.T.: 0.012 min
Response: 986215
Conc: 9.65 ng/ml



#10 AR-1221-3

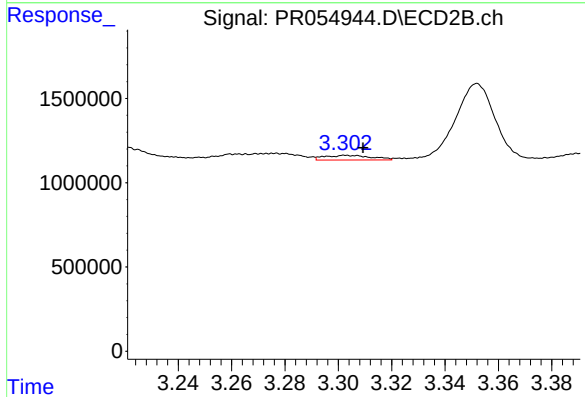
R.T.: 3.303 min
Delta R.T.: -0.006 min
Response: 330299
Conc: 6.81 ng/ml



#11 AR-1232-1

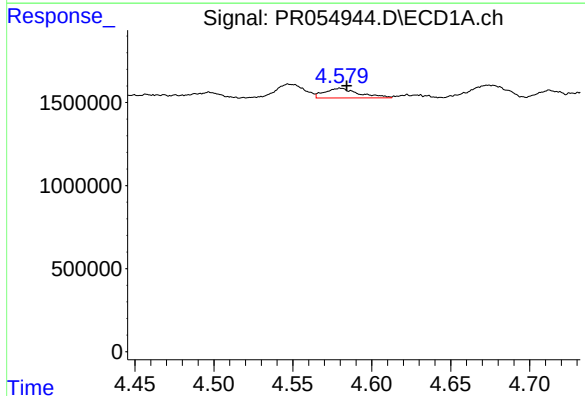
R.T.: 4.049 min
Delta R.T.: 0.013 min
Response: 986215
Conc: 10.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



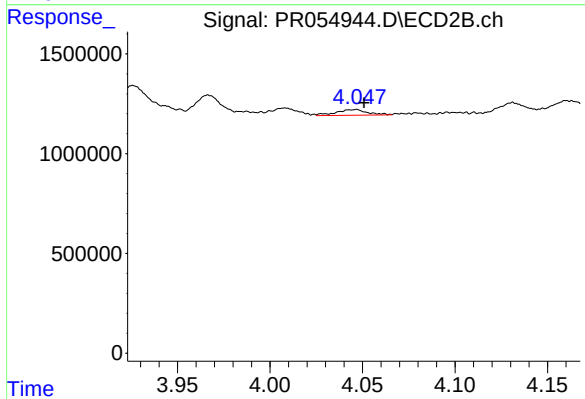
#11 AR-1232-1

R.T.: 3.303 min
Delta R.T.: -0.006 min
Response: 330299
Conc: 7.32 ng/ml



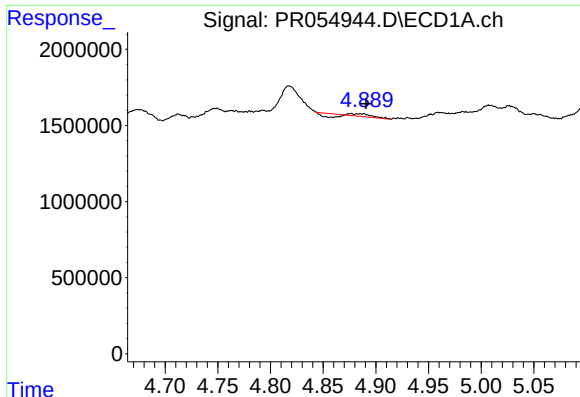
#12 AR-1232-2

R.T.: 4.580 min
Delta R.T.: -0.004 min
Response: 869527
Conc: 19.19 ng/ml



#12 AR-1232-2

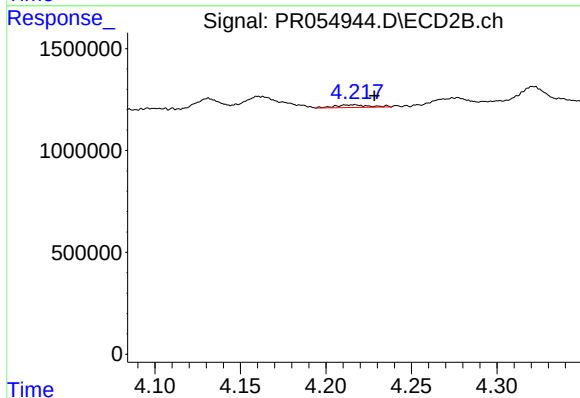
R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 334023
Conc: 8.01 ng/ml



#13 AR-1232-3

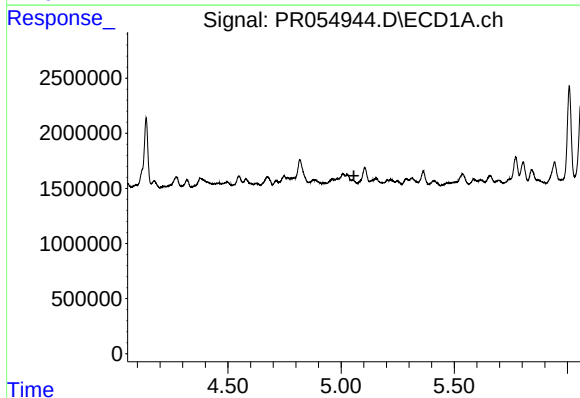
R.T.: 4.876 min
Delta R.T.: -0.015 min
Response: 25960
Conc: 0.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



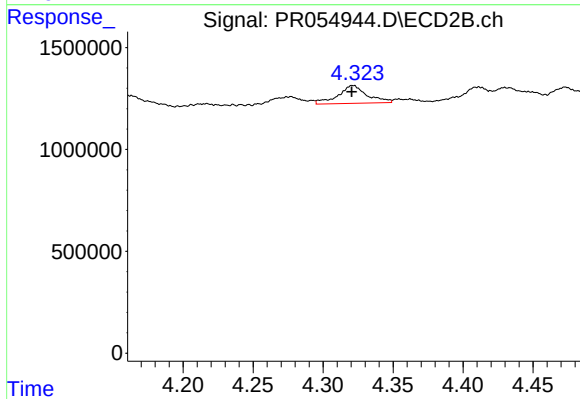
#13 AR-1232-3

R.T.: 4.217 min
Delta R.T.: -0.012 min
Response: 189489
Conc: 8.34 ng/ml



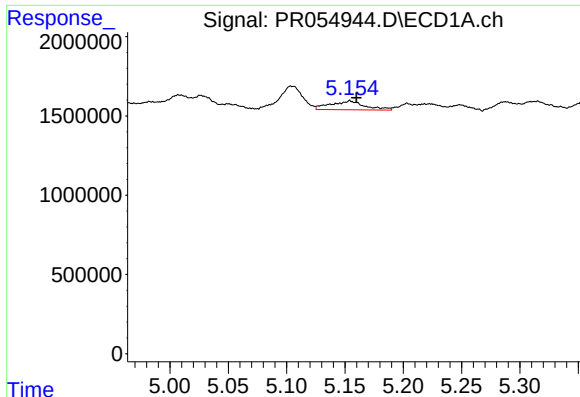
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.057 min
Response: 0
Conc: N.D.



#14 AR-1232-4

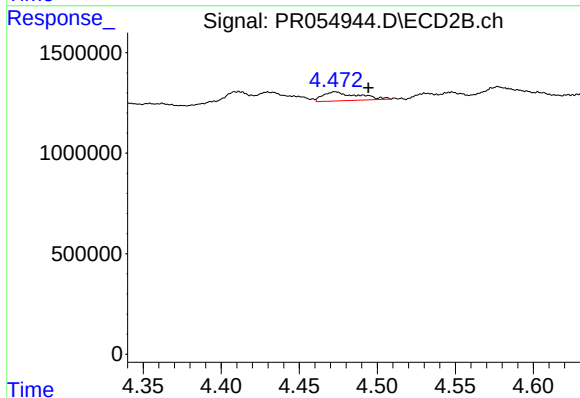
R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 1269995
Conc: 64.85 ng/ml



#15 AR-1232-5

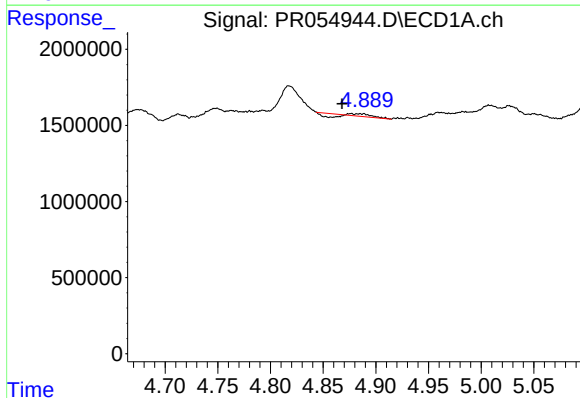
R.T.: 5.154 min
Delta R.T.: -0.006 min
Response: 1146093
Conc: 39.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



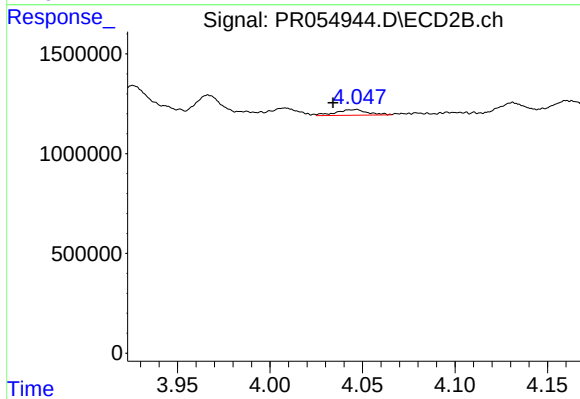
#15 AR-1232-5

R.T.: 4.473 min
Delta R.T.: -0.021 min
Response: 680001
Conc: 30.09 ng/ml



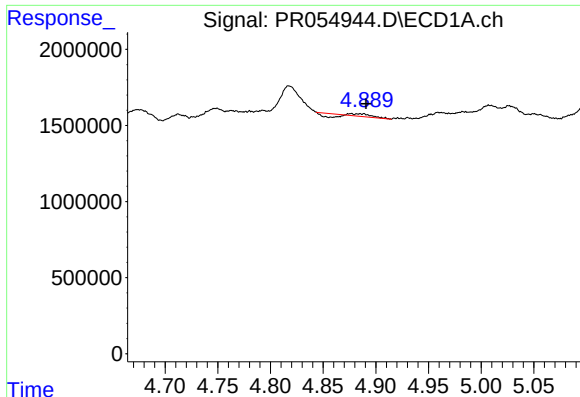
#16 AR-1242-1

R.T.: 4.876 min
Delta R.T.: 0.008 min
Response: 25960
Conc: 0.27 ng/ml



#16 AR-1242-1

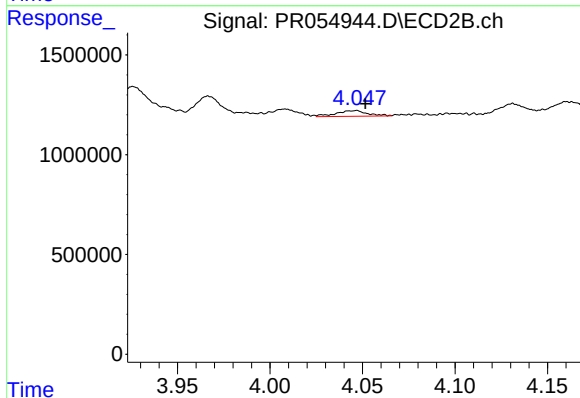
R.T.: 4.046 min
Delta R.T.: 0.012 min
Response: 334023
Conc: 6.74 ng/ml



#17 AR-1242-2

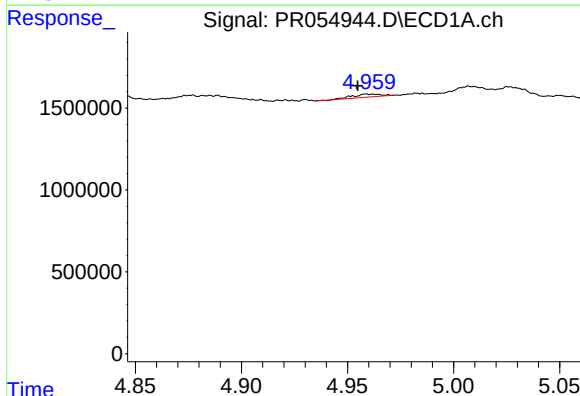
R.T.: 4.876 min
Delta R.T.: -0.015 min
Response: 25960
Conc: 0.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



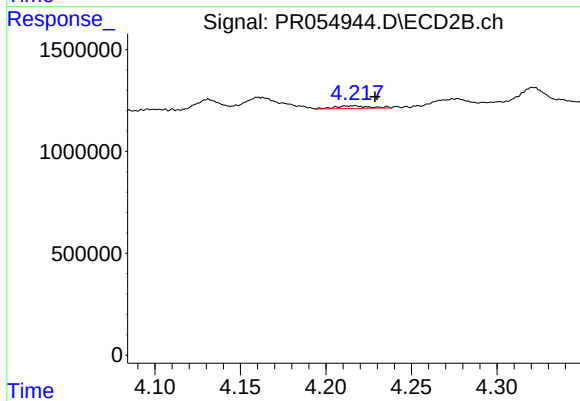
#17 AR-1242-2

R.T.: 4.046 min
Delta R.T.: -0.005 min
Response: 334023
Conc: 4.93 ng/ml



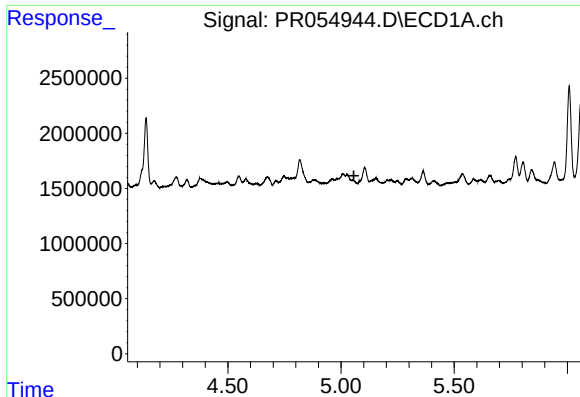
#18 AR-1242-3

R.T.: 4.959 min
Delta R.T.: 0.005 min
Response: 168252
Conc: 2.03 ng/ml



#18 AR-1242-3

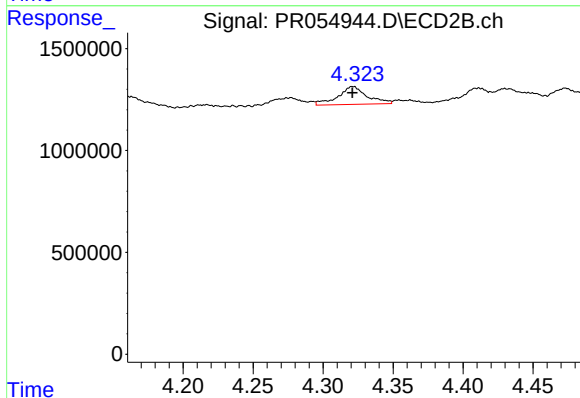
R.T.: 4.217 min
Delta R.T.: -0.012 min
Response: 189489
Conc: 5.11 ng/ml



#19 AR-1242-4

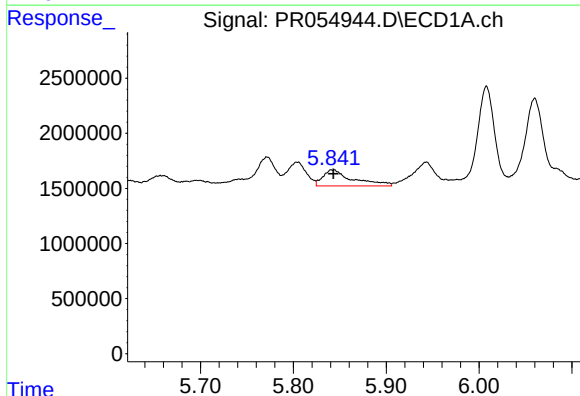
R.T.: 0.000 min
Exp R.T.: 5.057 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



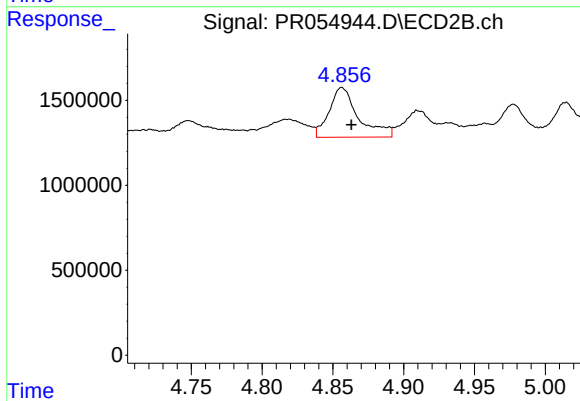
#19 AR-1242-4

R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 1269995
Conc: 36.48 ng/ml



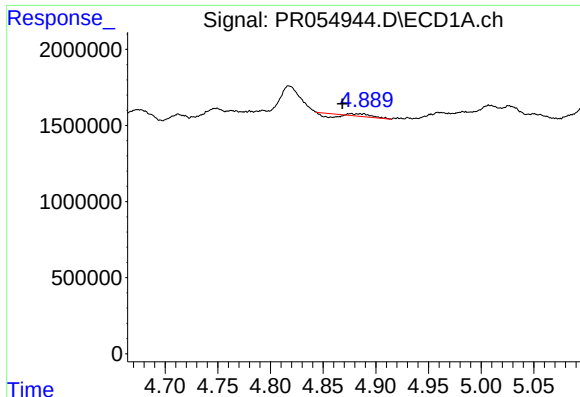
#20 AR-1242-5

R.T.: 5.842 min
Delta R.T.: -0.001 min
Response: 3260471
Conc: 55.87 ng/ml



#20 AR-1242-5

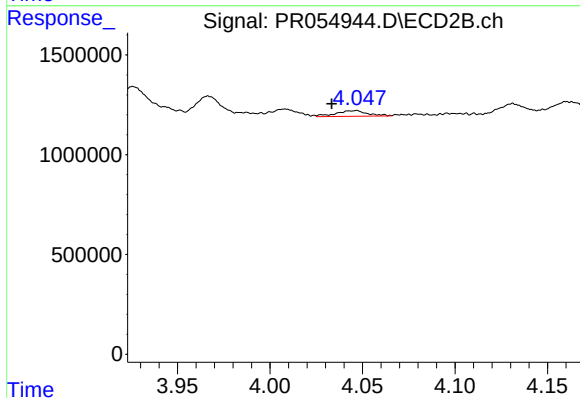
R.T.: 4.856 min
Delta R.T.: -0.007 min
Response: 4212872
Conc: 93.27 ng/ml



#21 AR-1248-1

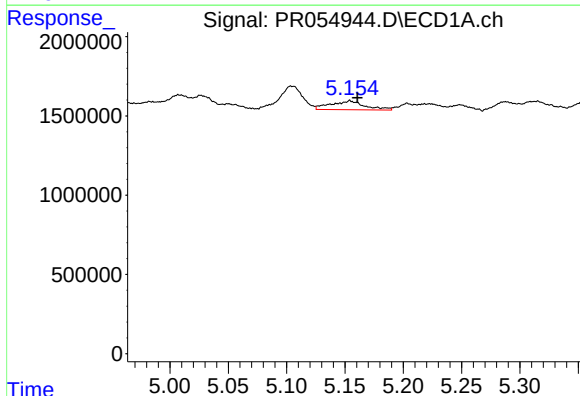
R.T.: 4.876 min
Delta R.T.: 0.008 min
Response: 25960
Conc: 0.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



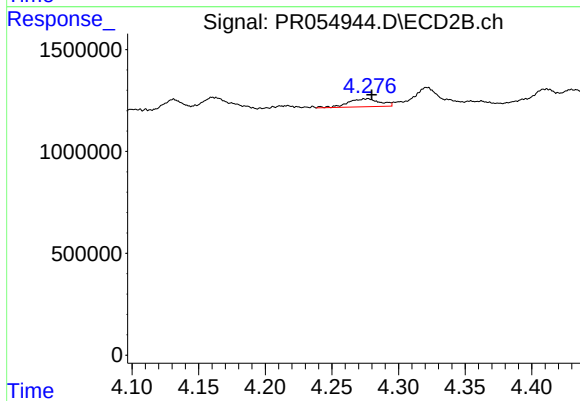
#21 AR-1248-1

R.T.: 4.046 min
Delta R.T.: 0.013 min
Response: 334023
Conc: 9.05 ng/ml



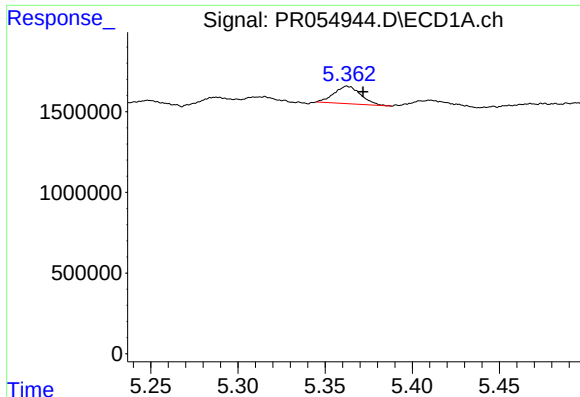
#22 AR-1248-2

R.T.: 5.154 min
Delta R.T.: -0.006 min
Response: 1146093
Conc: 12.80 ng/ml



#22 AR-1248-2

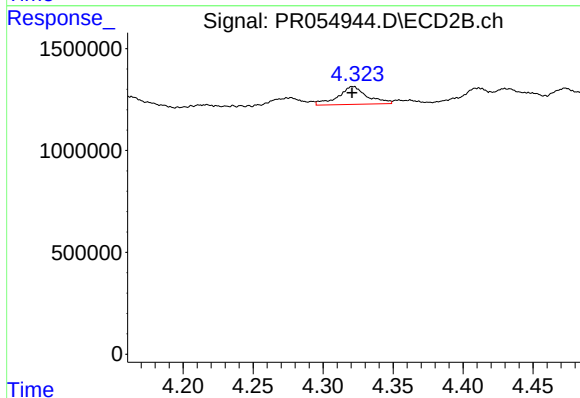
R.T.: 4.277 min
Delta R.T.: -0.003 min
Response: 662630
Conc: 13.57 ng/ml



#23 AR-1248-3

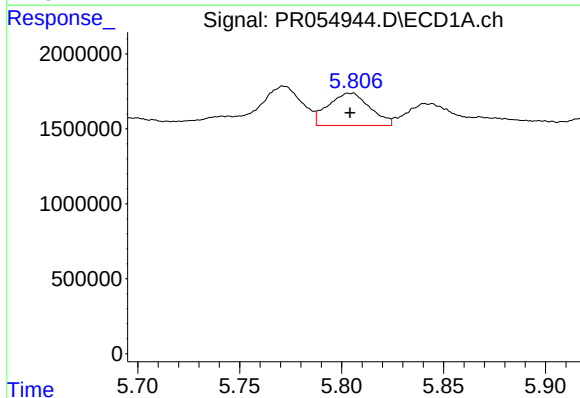
R.T.: 5.363 min
Delta R.T.: -0.009 min
Response: 1158713
Conc: 11.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



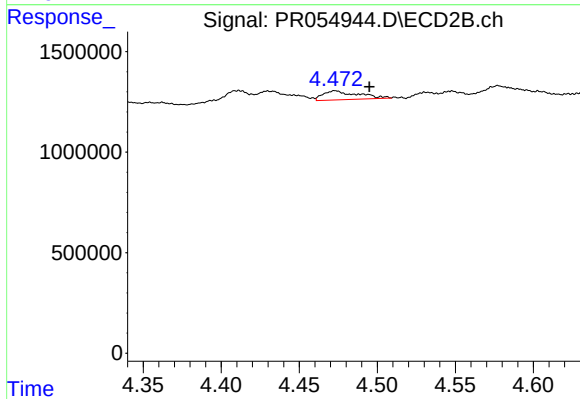
#23 AR-1248-3

R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 1269995
Conc: 25.21 ng/ml



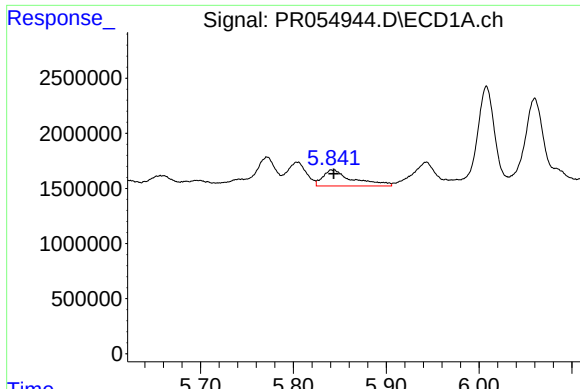
#24 AR-1248-4

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 3071308
Conc: 31.09 ng/ml



#24 AR-1248-4

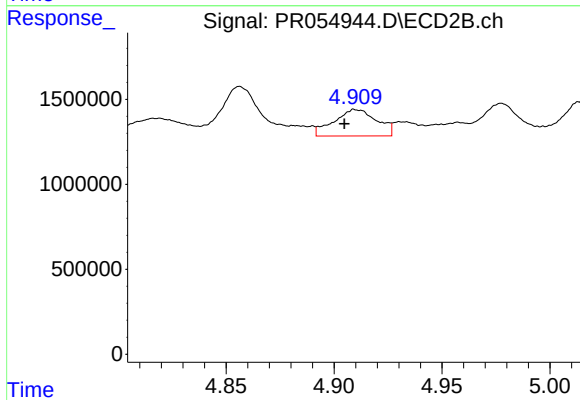
R.T.: 4.473 min
Delta R.T.: -0.022 min
Response: 680001
Conc: 11.11 ng/ml



#25 AR-1248-5

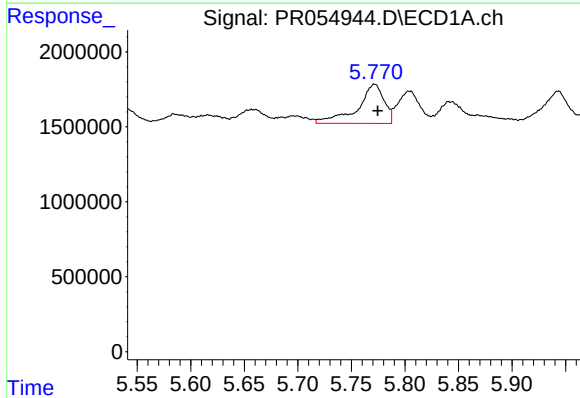
R.T.: 5.842 min
Delta R.T.: -0.002 min
Response: 3260471
Conc: 34.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



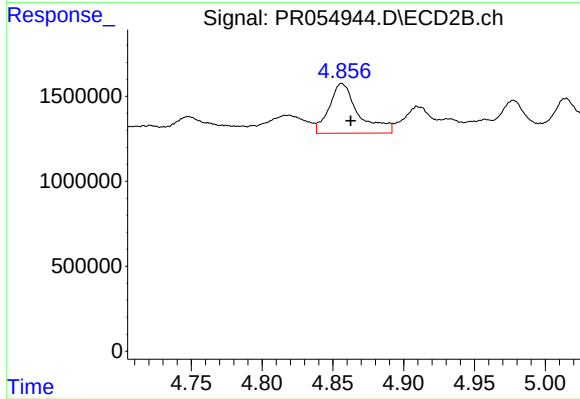
#25 AR-1248-5

R.T.: 4.910 min
Delta R.T.: 0.005 min
Response: 2151636
Conc: 34.61 ng/ml



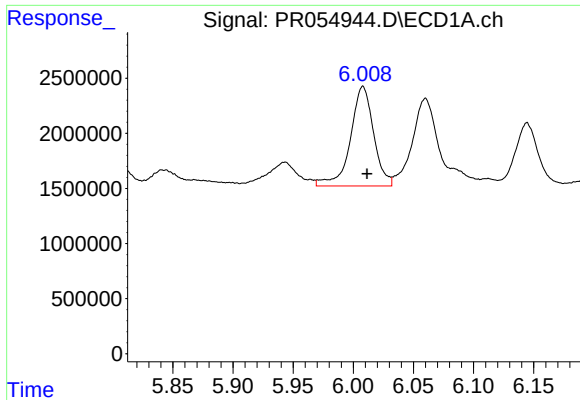
#26 AR-1254-1

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 4505409
Conc: 45.07 ng/ml



#26 AR-1254-1

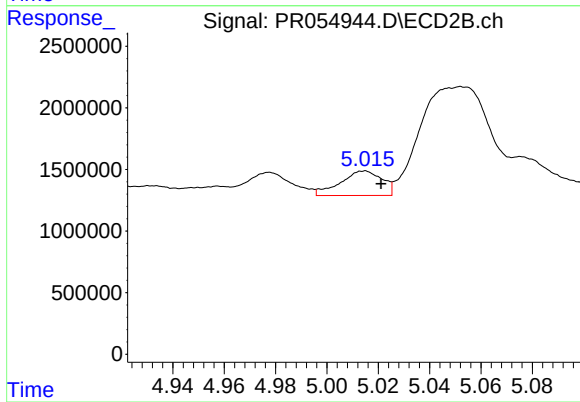
R.T.: 4.856 min
Delta R.T.: -0.006 min
Response: 4212872
Conc: 45.00 ng/ml



#27 AR-1254-2

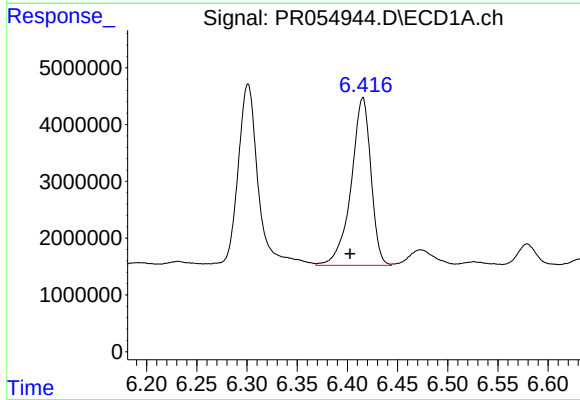
R.T.: 6.008 min
Delta R.T.: -0.003 min
Response: 12139373
Conc: 86.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



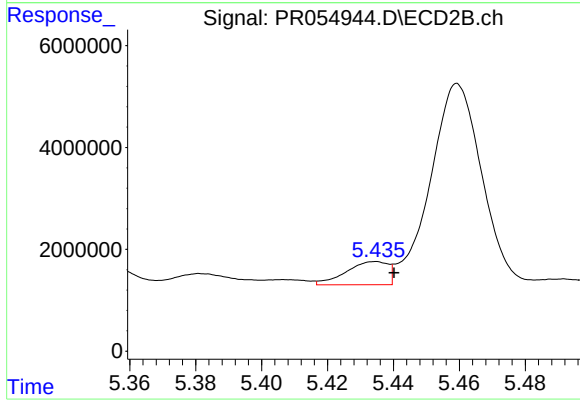
#27 AR-1254-2

R.T.: 5.015 min
Delta R.T.: -0.007 min
Response: 2256249
Conc: 27.84 ng/ml



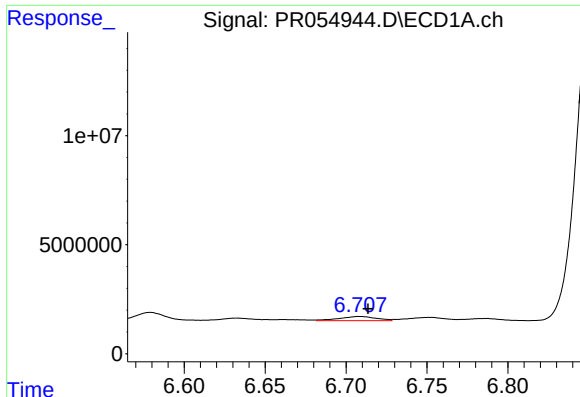
#28 AR-1254-3

R.T.: 6.415 min
Delta R.T.: 0.013 min
Response: 40507111
Conc: 301.59 ng/ml



#28 AR-1254-3

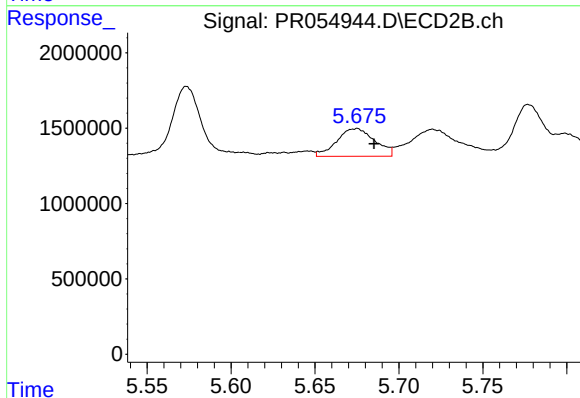
R.T.: 5.434 min
Delta R.T.: -0.006 min
Response: 4002158
Conc: 30.10 ng/ml



#29 AR-1254-4

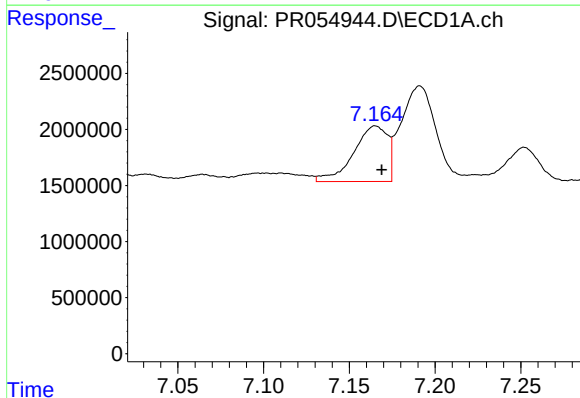
R.T.: 6.708 min
Delta R.T.: -0.005 min
Response: 2976327
Conc: 30.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



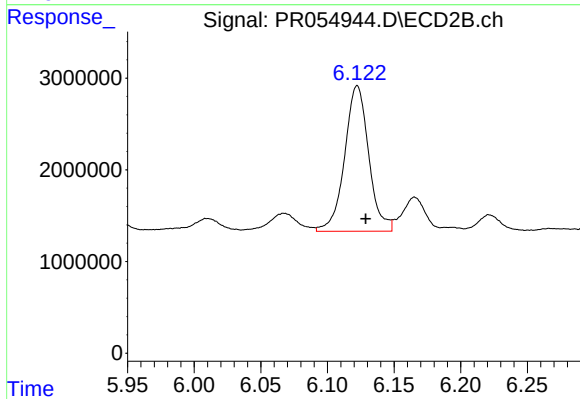
#29 AR-1254-4

R.T.: 5.675 min
Delta R.T.: -0.010 min
Response: 2890610
Conc: 33.83 ng/ml



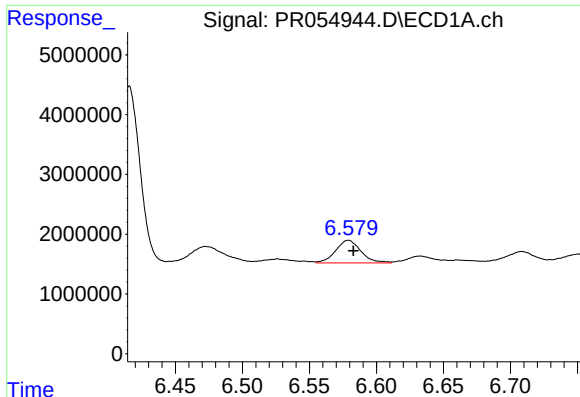
#30 AR-1254-5

R.T.: 7.165 min
Delta R.T.: -0.004 min
Response: 6835813
Conc: 70.14 ng/ml



#30 AR-1254-5

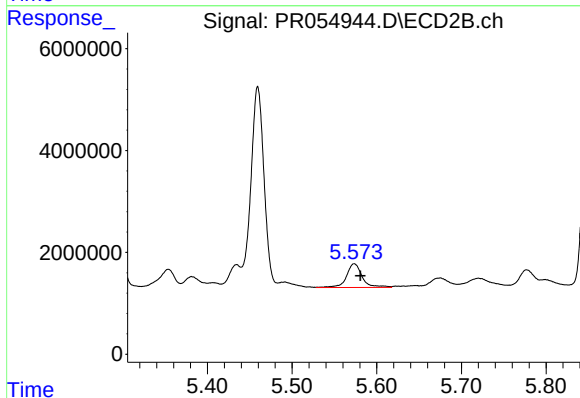
R.T.: 6.122 min
Delta R.T.: -0.006 min
Response: 19976895
Conc: 167.77 ng/ml



#31 AR-1260-1

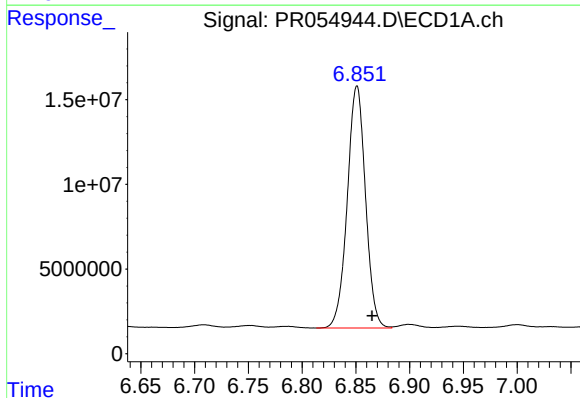
R.T.: 6.579 min
Delta R.T.: -0.004 min
Response: 4971025
Conc: 48.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



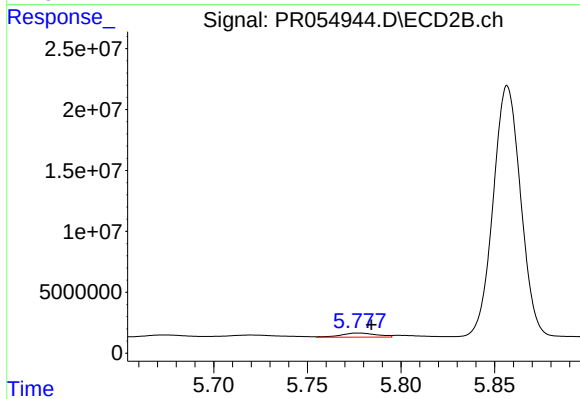
#31 AR-1260-1

R.T.: 5.574 min
Delta R.T.: -0.007 min
Response: 6078207
Conc: 64.91 ng/ml



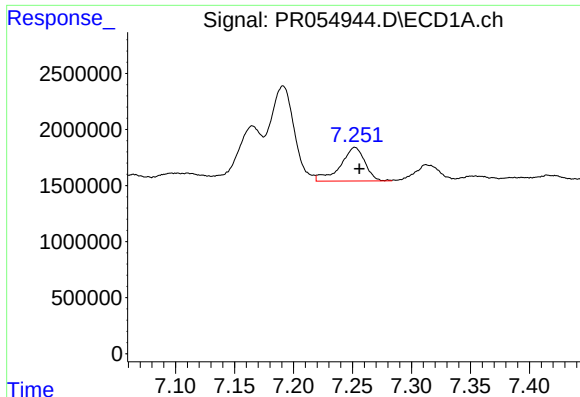
#32 AR-1260-2

R.T.: 6.851 min
Delta R.T.: -0.014 min
Response: 168556690
Conc: 1415.44 ng/ml



#32 AR-1260-2

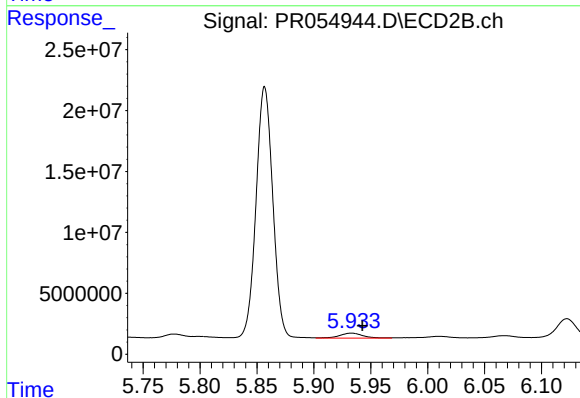
R.T.: 5.777 min
Delta R.T.: -0.007 min
Response: 4487507
Conc: 38.89 ng/ml



#33 AR-1260-3

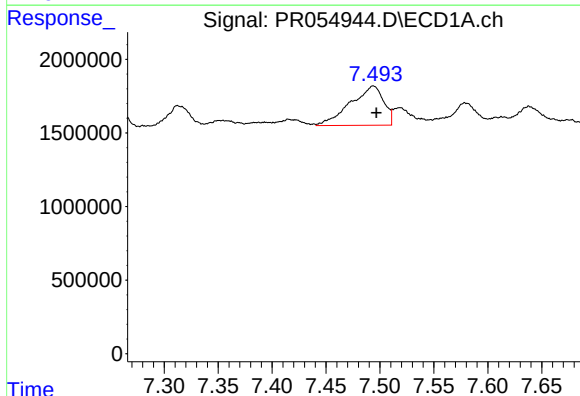
R.T.: 7.252 min
Delta R.T.: -0.004 min
Response: 4368360
Conc: 57.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



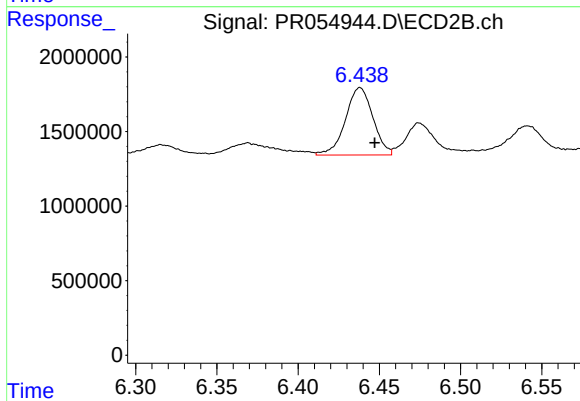
#33 AR-1260-3

R.T.: 5.933 min
Delta R.T.: -0.010 min
Response: 5883200
Conc: 49.12 ng/ml



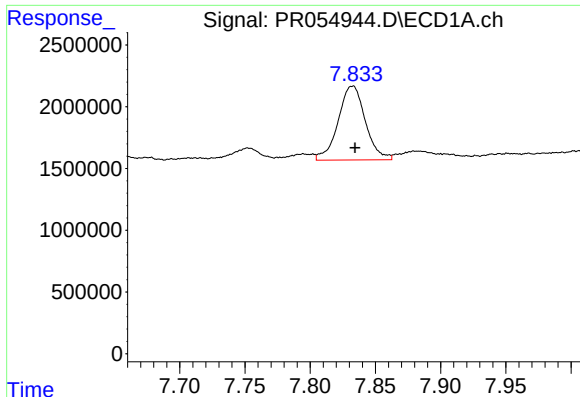
#34 AR-1260-4

R.T.: 7.494 min
Delta R.T.: -0.003 min
Response: 5722665
Conc: 63.48 ng/ml



#34 AR-1260-4

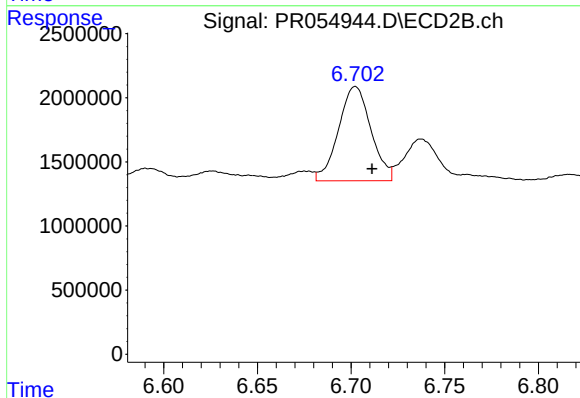
R.T.: 6.438 min
Delta R.T.: -0.009 min
Response: 5314321
Conc: 64.56 ng/ml



#35 AR-1260-5

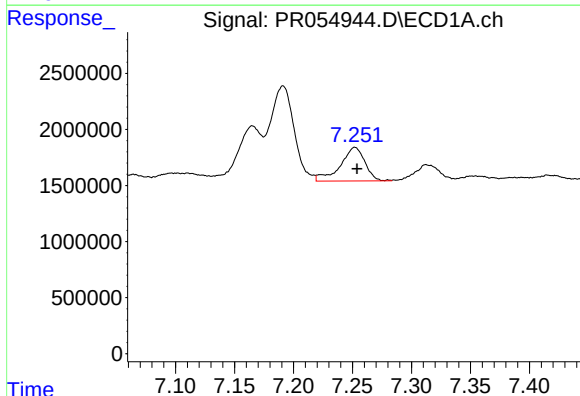
R.T.: 7.832 min
Delta R.T.: -0.002 min
Response: 8711033
Conc: 52.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



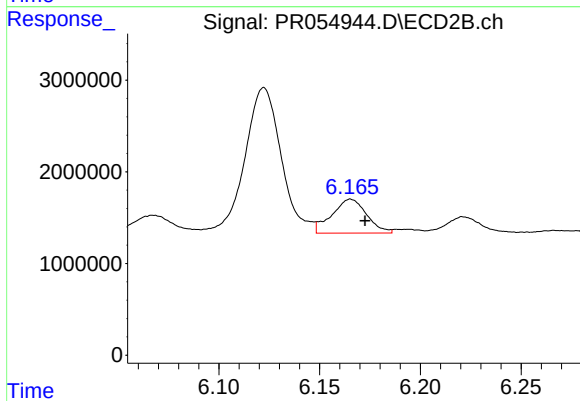
#35 AR-1260-5

R.T.: 6.702 min
Delta R.T.: -0.009 min
Response: 8861886
Conc: 45.54 ng/ml



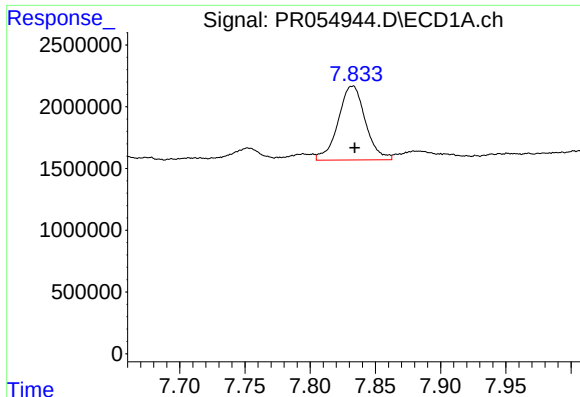
#36 AR-1262-1

R.T.: 7.252 min
Delta R.T.: -0.002 min
Response: 4368360
Conc: 37.79 ng/ml



#36 AR-1262-1

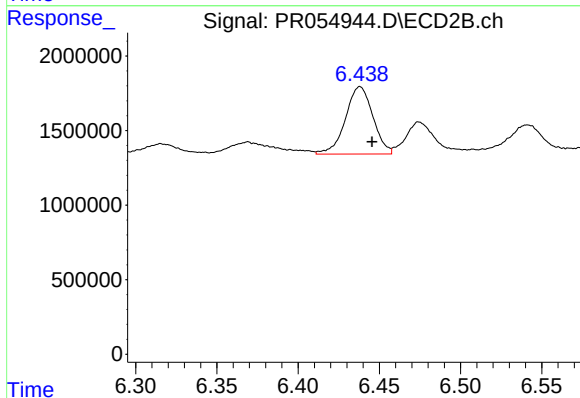
R.T.: 6.165 min
Delta R.T.: -0.007 min
Response: 4440307
Conc: 36.45 ng/ml



#37 AR-1262-2

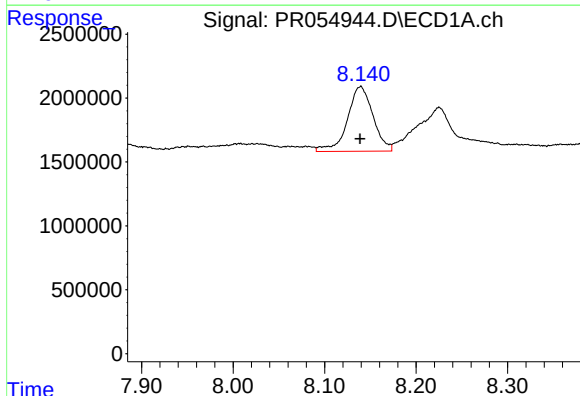
R.T.: 7.832 min
Delta R.T.: -0.002 min
Response: 8711033
Conc: 43.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



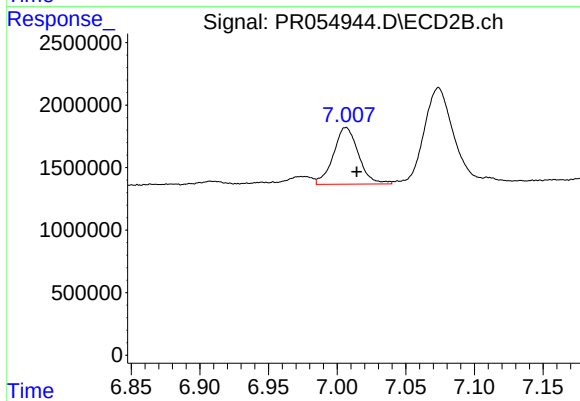
#37 AR-1262-2

R.T.: 6.438 min
Delta R.T.: -0.007 min
Response: 5314321
Conc: 47.72 ng/ml



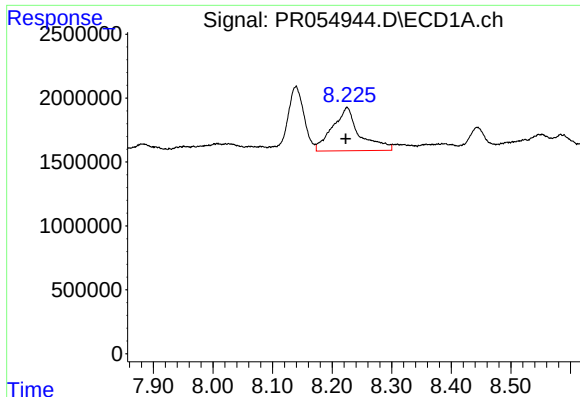
#38 AR-1262-3

R.T.: 8.139 min
Delta R.T.: 0.000 min
Response: 9841565
Conc: 71.78 ng/ml



#38 AR-1262-3

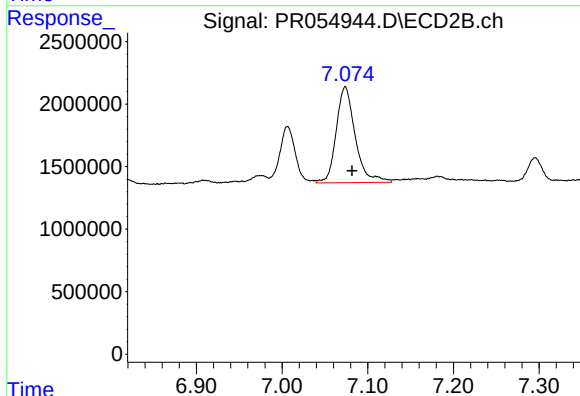
R.T.: 7.006 min
Delta R.T.: -0.008 min
Response: 5757358
Conc: 65.44 ng/ml



#39 AR-1262-4

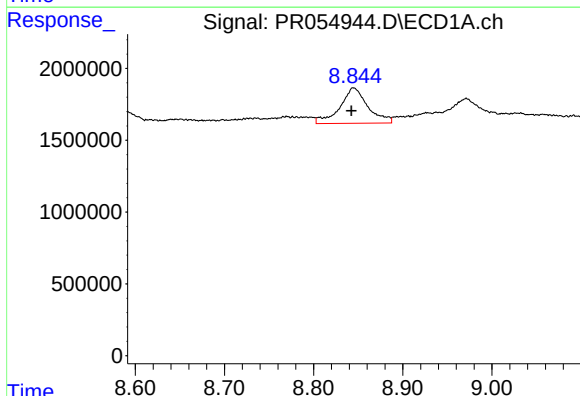
R.T.: 8.225 min
Delta R.T.: 0.002 min
Response: 10687245
Conc: 174.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



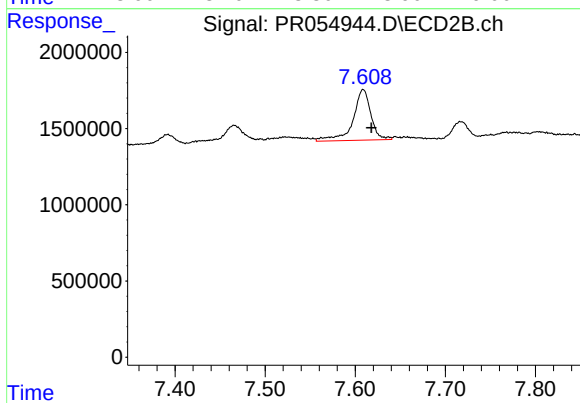
#39 AR-1262-4

R.T.: 7.074 min
Delta R.T.: -0.008 min
Response: 11872085
Conc: 70.69 ng/ml



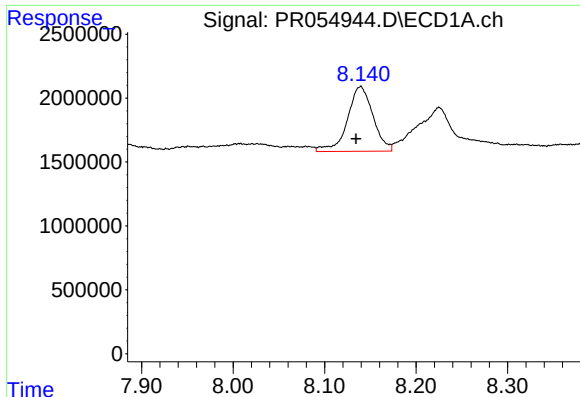
#40 AR-1262-5

R.T.: 8.845 min
Delta R.T.: 0.002 min
Response: 5376771
Conc: 71.09 ng/ml



#40 AR-1262-5

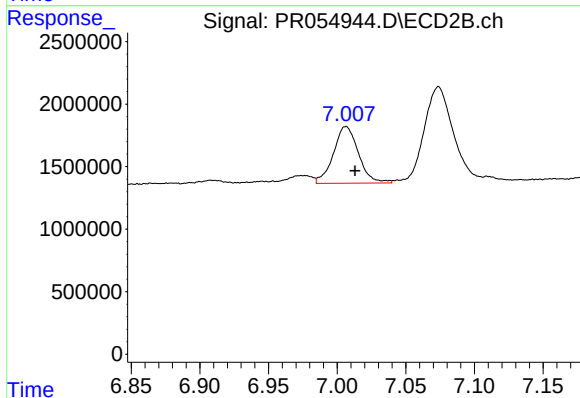
R.T.: 7.609 min
Delta R.T.: -0.009 min
Response: 4584523
Conc: 57.73 ng/ml



#41 AR-1268-1

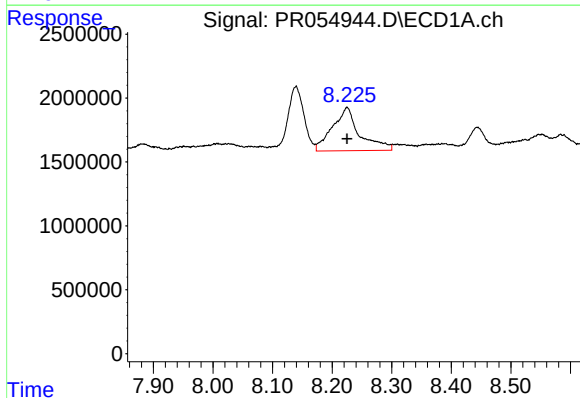
R.T.: 8.139 min
Delta R.T.: 0.005 min
Response: 9841565
Conc: 42.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



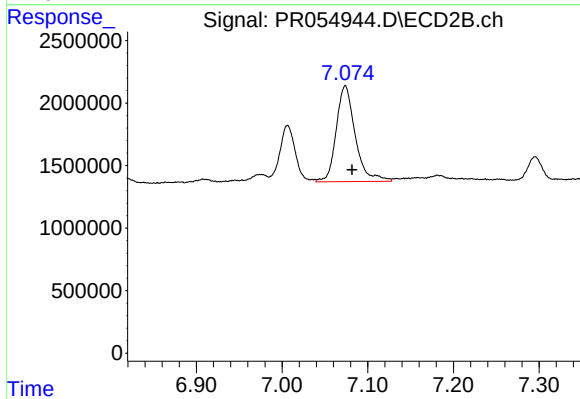
#41 AR-1268-1

R.T.: 7.006 min
Delta R.T.: -0.007 min
Response: 5757358
Conc: 22.30 ng/ml



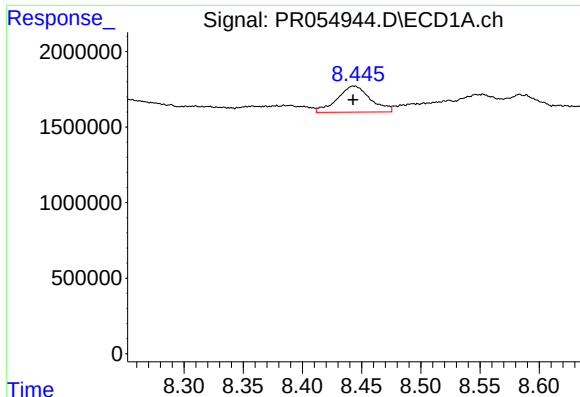
#42 AR-1268-2

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 10687245
Conc: 49.69 ng/ml



#42 AR-1268-2

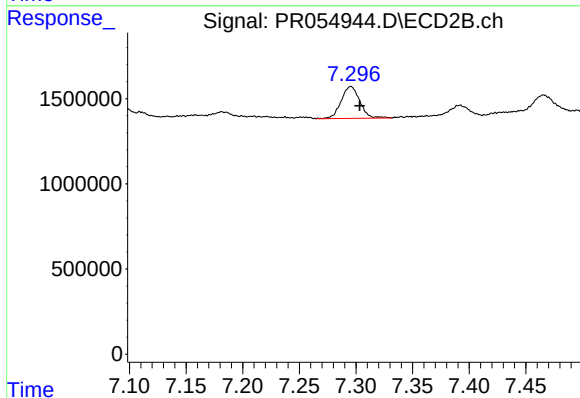
R.T.: 7.074 min
Delta R.T.: -0.008 min
Response: 11872085
Conc: 49.83 ng/ml



#43 AR-1268-3

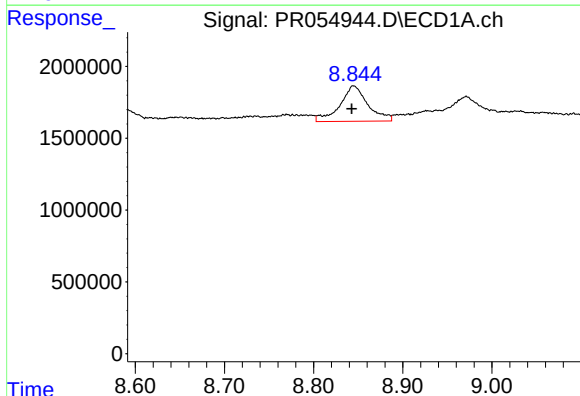
R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 3364344
Conc: 18.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



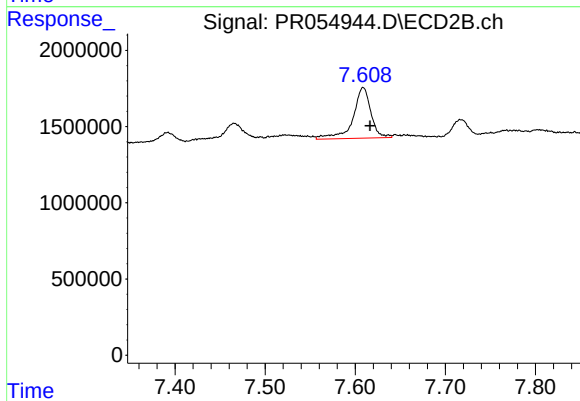
#43 AR-1268-3

R.T.: 7.295 min
Delta R.T.: -0.008 min
Response: 2146976
Conc: 10.81 ng/ml



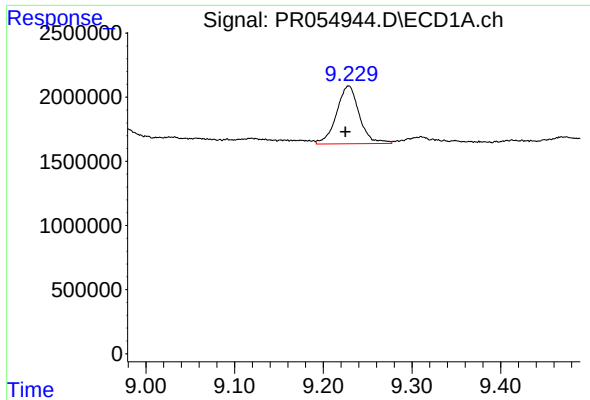
#44 AR-1268-4

R.T.: 8.845 min
Delta R.T.: 0.002 min
Response: 5376771
Conc: 63.65 ng/ml



#44 AR-1268-4

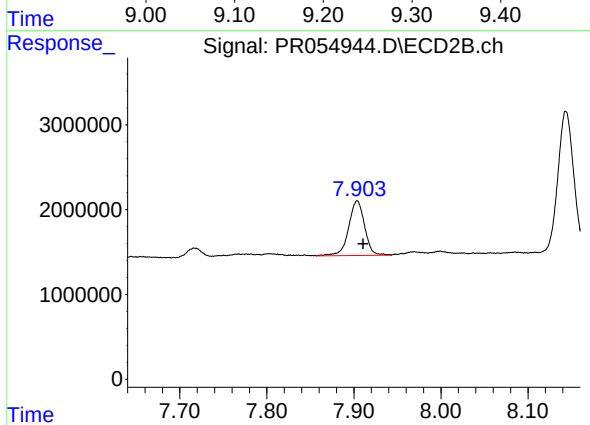
R.T.: 7.609 min
Delta R.T.: -0.008 min
Response: 4584523
Conc: 51.39 ng/ml



#45 AR-1268-5

R.T.: 9.229 min
Delta R.T.: 0.004 min
Response: 8049668
Conc: 13.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.904 min
Delta R.T.: -0.007 min
Response: 8246373
Conc: 12.70 ng/ml