

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
 Data File : PR051403.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2021 10:38
 Operator : AJ\MA
 Sample : M2940-02
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:22:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 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...	4.628	3.808	161.5E6	144.7E6	19.766	19.464
2)	SA Decachlor...	10.505	8.833	182.4E6	137.2E6	18.989	17.163
Target Compounds							
3)	L1 AR-1016-1	5.811	4.895	7730906	5985763	21.308	20.343
4)	L1 AR-1016-2	5.834	4.913	10982873	10900012	21.169	25.816
5)	L1 AR-1016-3	5.896	5.089	7207276	4319789	23.752	19.403
6)	L1 AR-1016-4	5.998	5.132	5526501	4397055	21.509	25.962
7)	L1 AR-1016-5	6.290	5.342	4690238	4407446	18.931	19.937
8)	L2 AR-1221-1	4.841	4.021	2703958	3191273	30.700	43.472 #
9)	L2 AR-1221-2	4.933	4.108	5235521	3750787	77.843	63.596
10)	L2 AR-1221-3	5.008	4.183	10465325	8672687	48.684	45.581
11)	L3 AR-1232-1	5.008	4.183	10465325	8672687	57.965	53.709
12)	L3 AR-1232-2	5.541	4.913	5459196	10900012	56.158	65.022
13)	L3 AR-1232-3	5.834	5.089	10982873	4319789	52.538	49.569
14)	L3 AR-1232-4	5.998	5.172	5526501	3902545	53.525	53.056
15)	L3 AR-1232-5	6.083	5.342	4328890	4407446	57.635	54.169
16)	L4 AR-1242-1	5.811	4.895	7730906	5985763	30.205	28.882
17)	L4 AR-1242-2	5.834	4.913	10982873	10900012	29.052	35.946
18)	L4 AR-1242-3	5.896	5.089	7207276	4319789	32.761	27.067
19)	L4 AR-1242-4	5.998	5.172	5526501	3902545	29.645	26.412
20)	L4 AR-1242-5	6.735	5.692	6023938	4997238	27.521	24.920
21)	L5 AR-1248-1	5.811	4.895	7730906	5985763	36.662	35.086
22)	L5 AR-1248-2	6.083	5.132	4328890	4397055	14.785	19.198 #
23)	L5 AR-1248-3	6.290	5.172	4690238	3902545	14.035	16.394
24)	L5 AR-1248-4	6.696	5.342	5739863	4407446	13.807	15.361
25)	L5 AR-1248-5	6.735	5.735	6023938	4355278	15.101	14.210
26)	L6 AR-1254-1	6.668	5.692	4346454	4997238	12.263	12.166
27)	L6 AR-1254-2	6.896	5.840	5131407	1178902	9.129	3.389 #
28)	L6 AR-1254-3	7.257	6.243	2492922	1665886	4.164	2.765 #
29)	L6 AR-1254-4	7.545	6.470	1964302	896452	3.996	2.388 #
30)	L6 AR-1254-5	7.964	6.887	479809	344684	1.013	0.667 #
31)	L7 AR-1260-1	7.418	6.360	455168	607025	0.954	1.473 #
32)	L7 AR-1260-2	7.675	6.537f	1076187	500872	1.704	0.991 #
33)	L7 AR-1260-3	8.034	6.710	170514	403418	0.341	0.824 #
34)	L7 AR-1260-4	8.276	7.185	727389	417802	1.420	1.022 #
35)	L7 AR-1260-5	8.612	7.425	417969	203014	0.363	0.194 #
36)	L8 AR-1262-1	8.034	6.887	170514	344684	0.260	1.246 #
37)	L8 AR-1262-2	8.612	7.425	417969	203014	0.348	0.200 #
38)	L8 AR-1262-3	8.944	7.717	351543	340643	0.461	0.926 #
39)	L8 AR-1262-4	9.054f	7.769	3832706	416635	6.582	0.572 #
41)	L9 AR-1268-1	8.944	7.717	351543	340643	0.249	0.316 #
42)	L9 AR-1268-2	9.054f	7.769	3832706	416635	3.002	0.418 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:22:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 Response via : Initial Calibration
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.264	7.981	5828806	782774	5.221	0.952 #
45) L9	AR-1268-5	10.153	8.570	1822983	1481811	0.498	0.533

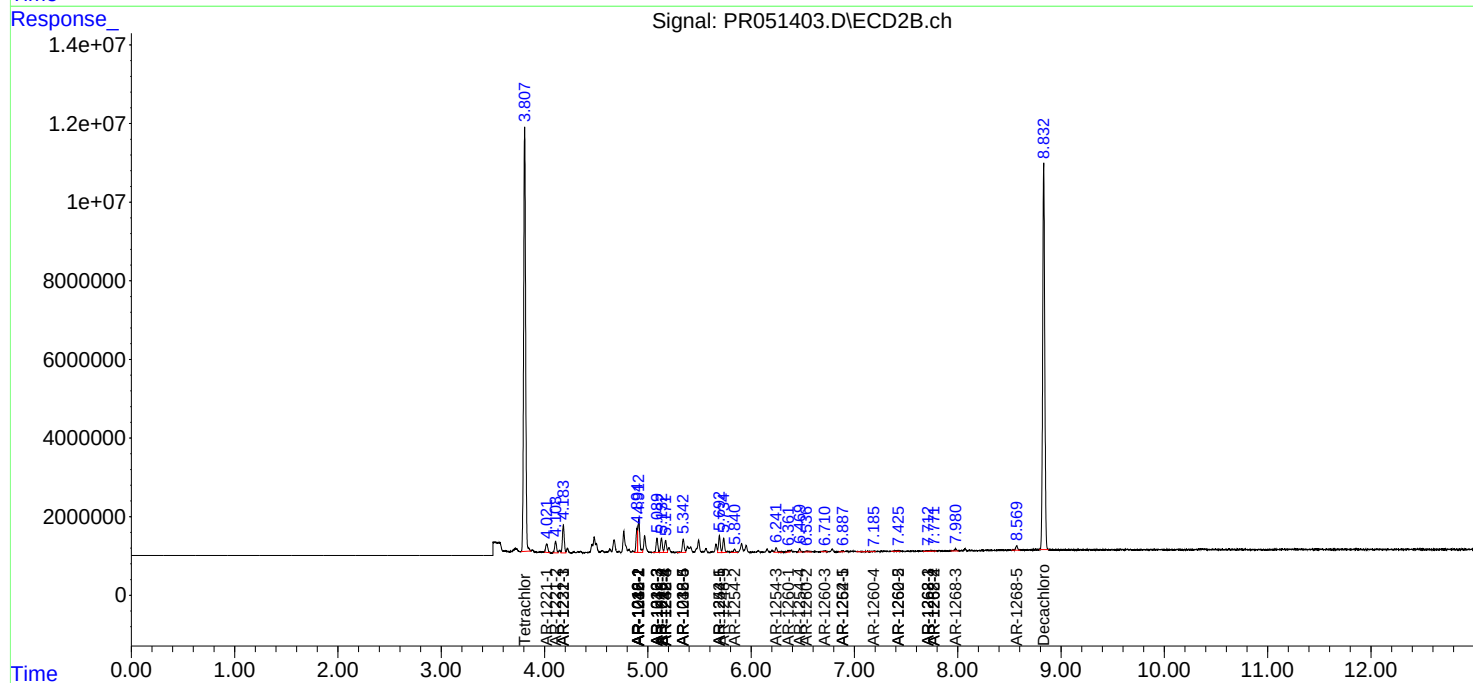
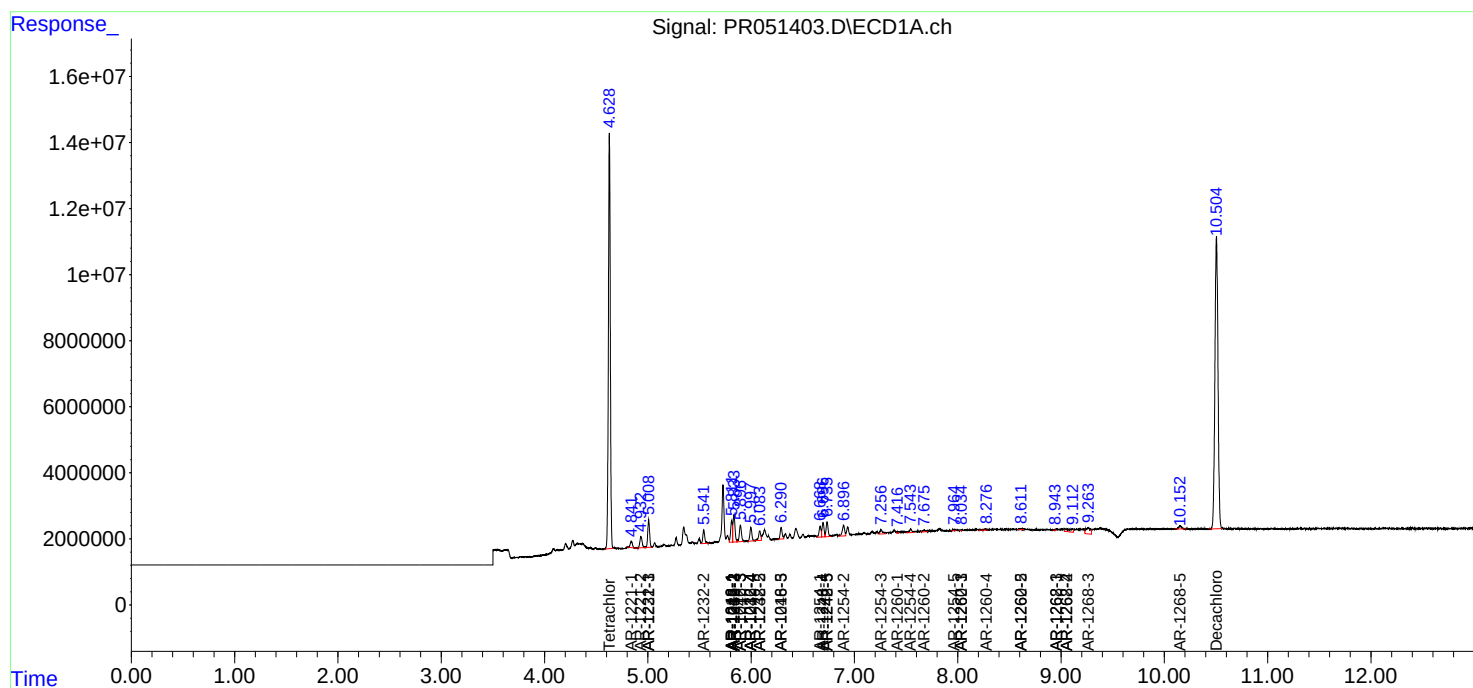
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

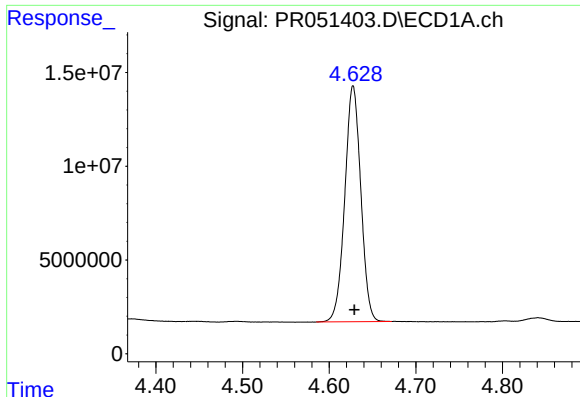
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
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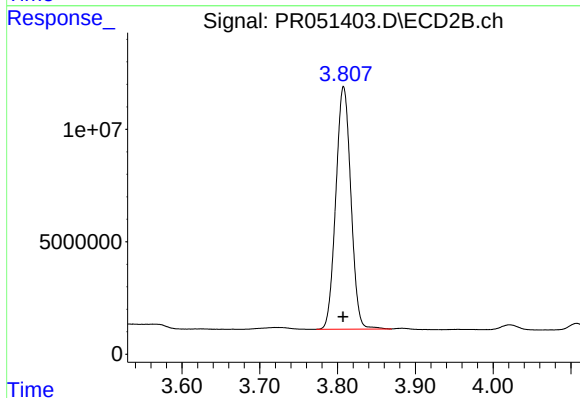




#1 Tetrachloro-m-xylene

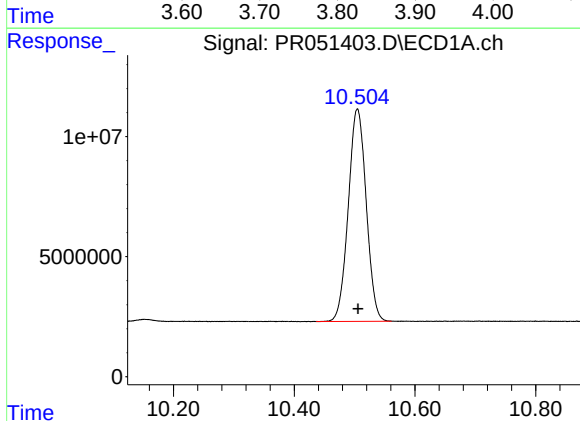
R.T.: 4.628 min
Delta R.T.: -0.001 min
Response: 161545374
Conc: 19.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



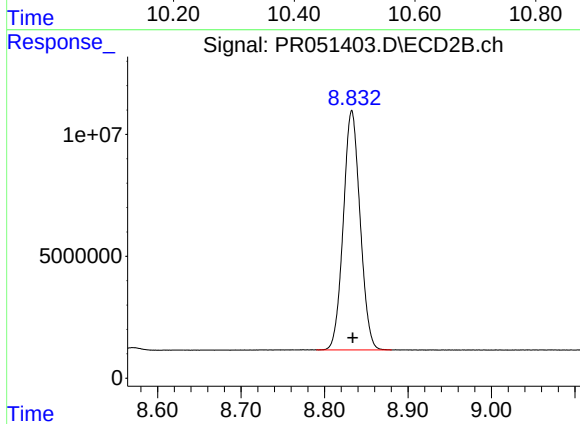
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 144731241
Conc: 19.46 ng/ml



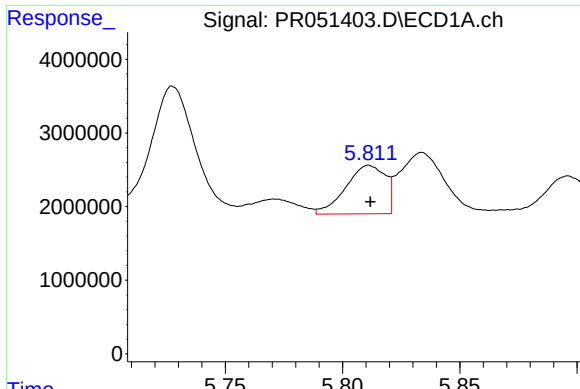
#2 Decachlorobiphenyl

R.T.: 10.505 min
Delta R.T.: -0.001 min
Response: 182395646
Conc: 18.99 ng/ml



#2 Decachlorobiphenyl

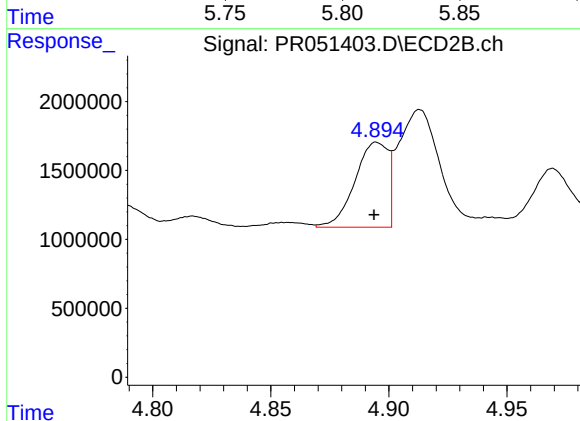
R.T.: 8.833 min
Delta R.T.: 0.000 min
Response: 137222432
Conc: 17.16 ng/ml



#3 AR-1016-1

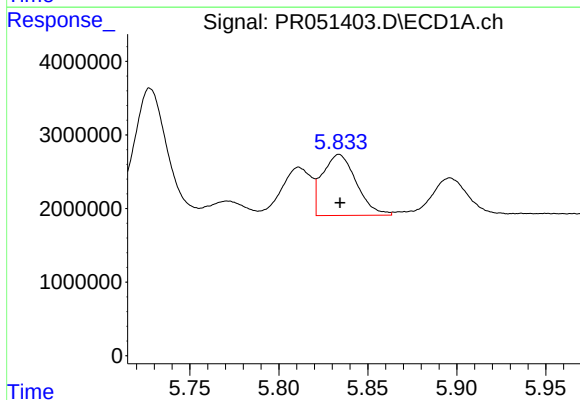
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 7730906
Conc: 21.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



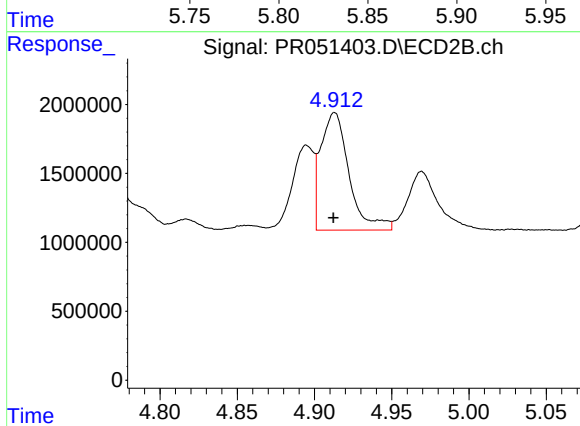
#3 AR-1016-1

R.T.: 4.895 min
Delta R.T.: 0.001 min
Response: 5985763
Conc: 20.34 ng/ml



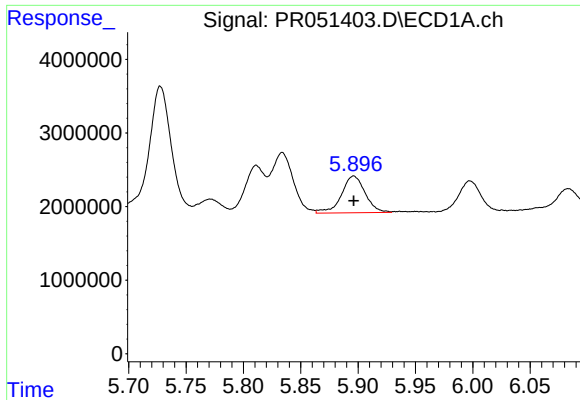
#4 AR-1016-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 10982873
Conc: 21.17 ng/ml



#4 AR-1016-2

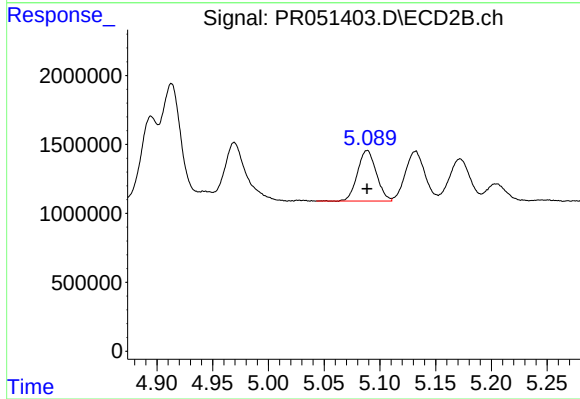
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 10900012
Conc: 25.82 ng/ml



#5 AR-1016-3

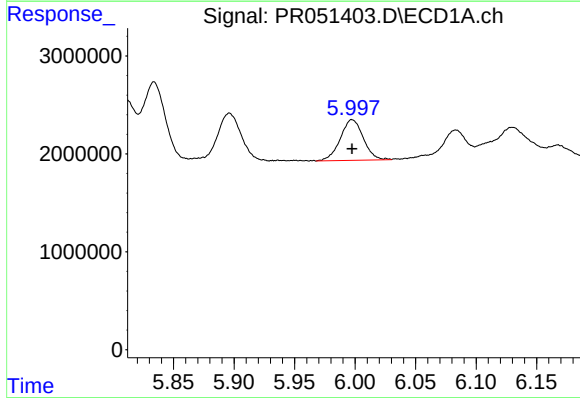
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 7207276
Conc: 23.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



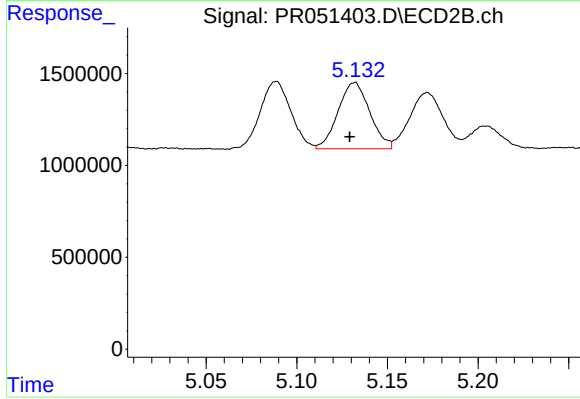
#5 AR-1016-3

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 4319789
Conc: 19.40 ng/ml



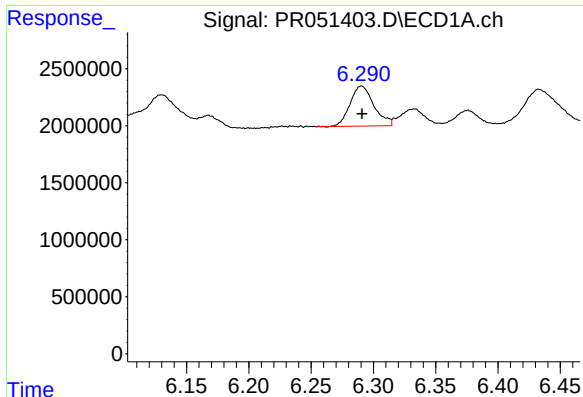
#6 AR-1016-4

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 5526501
Conc: 21.51 ng/ml



#6 AR-1016-4

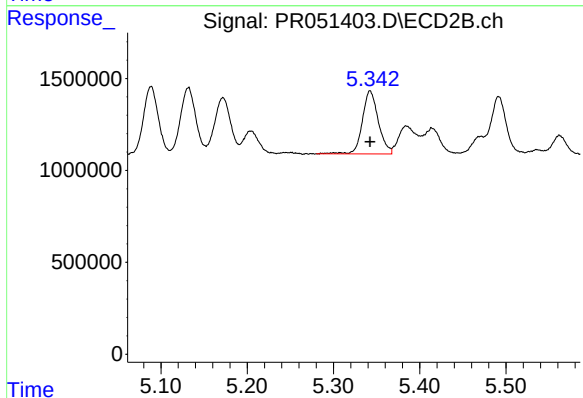
R.T.: 5.132 min
Delta R.T.: 0.003 min
Response: 4397055
Conc: 25.96 ng/ml



#7 AR-1016-5

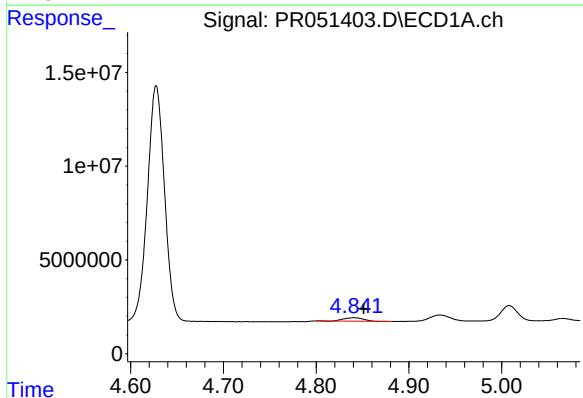
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 4690238
Conc: 18.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



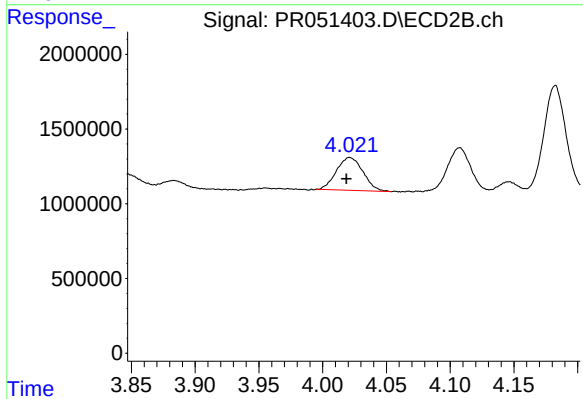
#7 AR-1016-5

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 4407446
Conc: 19.94 ng/ml



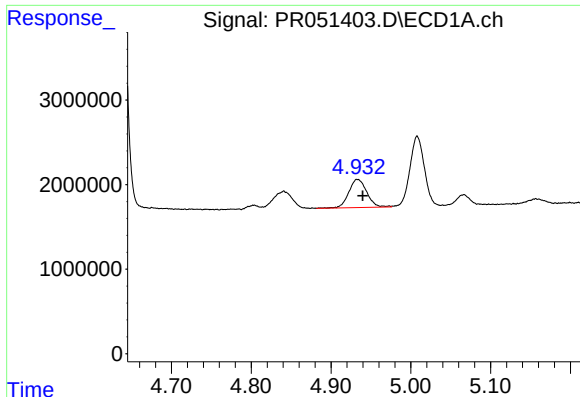
#8 AR-1221-1

R.T.: 4.841 min
Delta R.T.: -0.010 min
Response: 2703958
Conc: 30.70 ng/ml



#8 AR-1221-1

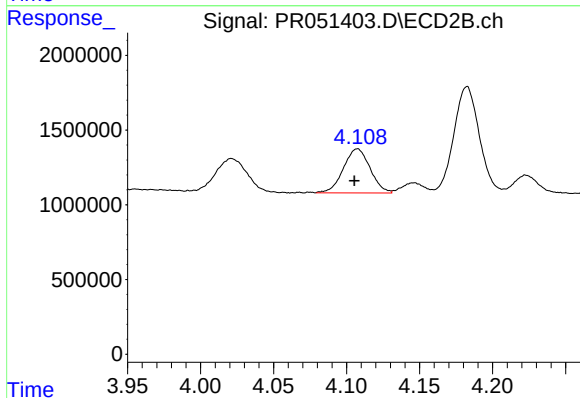
R.T.: 4.021 min
Delta R.T.: 0.002 min
Response: 3191273
Conc: 43.47 ng/ml



#9 AR-1221-2

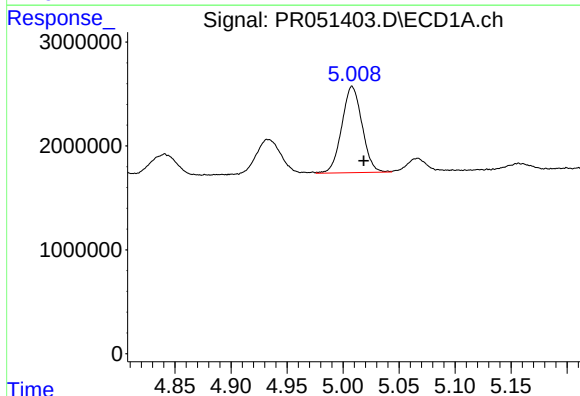
R.T.: 4.933 min
Delta R.T.: -0.007 min
Response: 5235521
Conc: 77.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



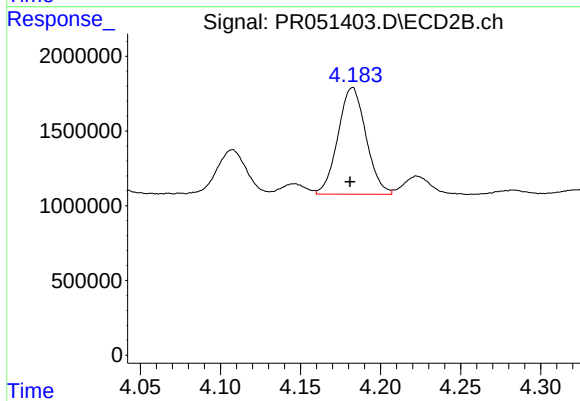
#9 AR-1221-2

R.T.: 4.108 min
Delta R.T.: 0.002 min
Response: 3750787
Conc: 63.60 ng/ml



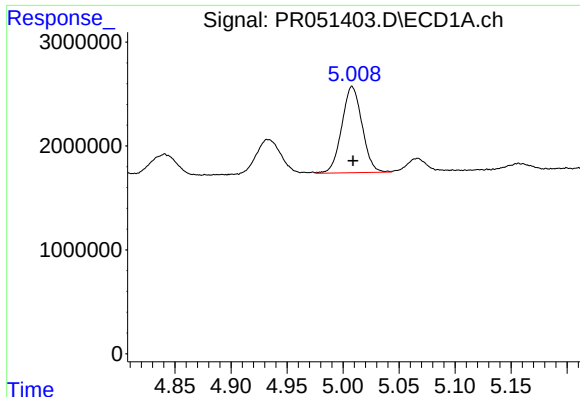
#10 AR-1221-3

R.T.: 5.008 min
Delta R.T.: -0.010 min
Response: 10465325
Conc: 48.68 ng/ml



#10 AR-1221-3

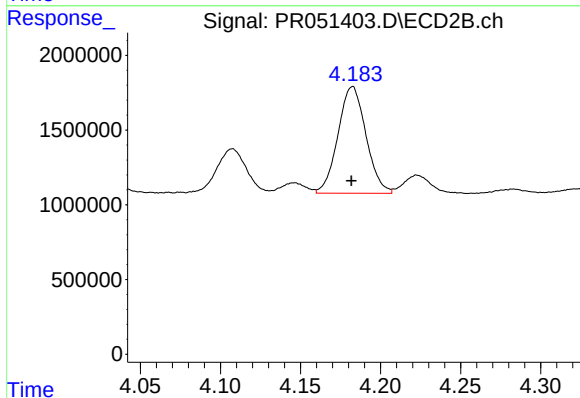
R.T.: 4.183 min
Delta R.T.: 0.002 min
Response: 8672687
Conc: 45.58 ng/ml



#11 AR-1232-1

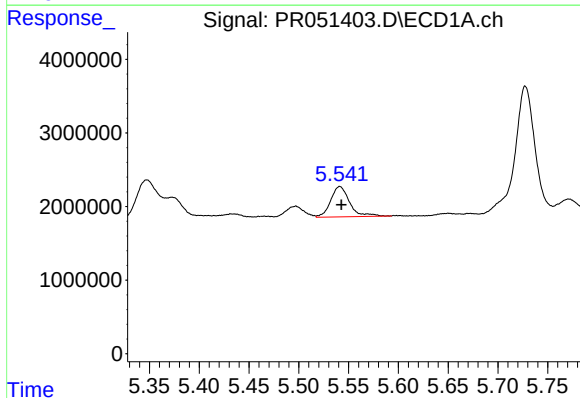
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 10465325
Conc: 57.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



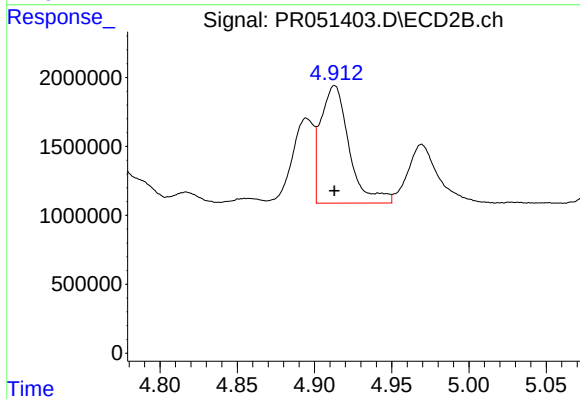
#11 AR-1232-1

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 8672687
Conc: 53.71 ng/ml



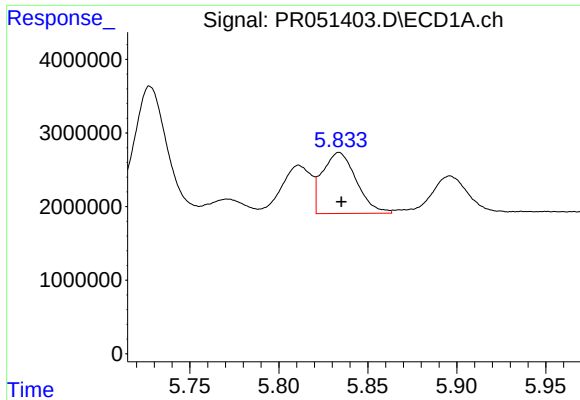
#12 AR-1232-2

R.T.: 5.541 min
Delta R.T.: -0.002 min
Response: 5459196
Conc: 56.16 ng/ml



#12 AR-1232-2

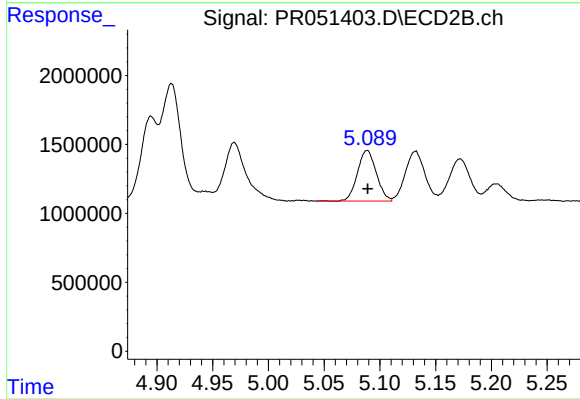
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 10900012
Conc: 65.02 ng/ml



#13 AR-1232-3

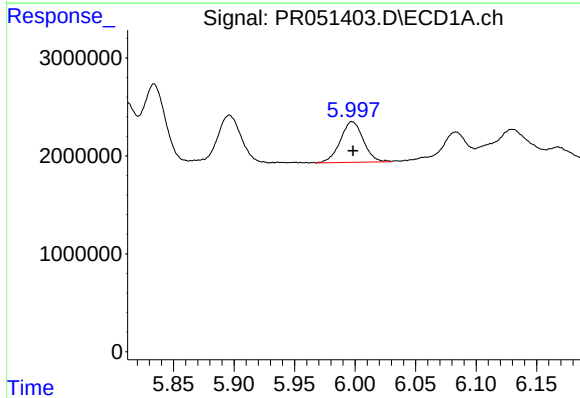
R.T.: 5.834 min
Delta R.T.: -0.001 min
Response: 10982873
Conc: 52.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



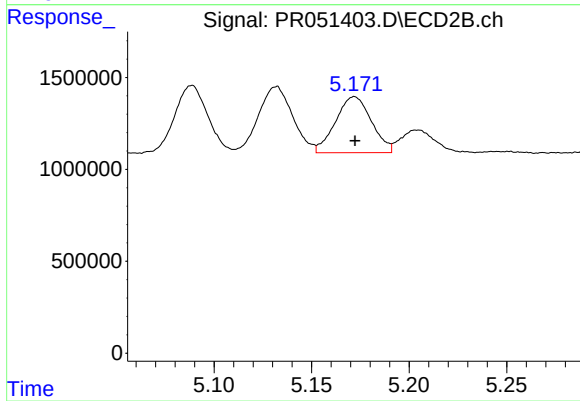
#13 AR-1232-3

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 4319789
Conc: 49.57 ng/ml



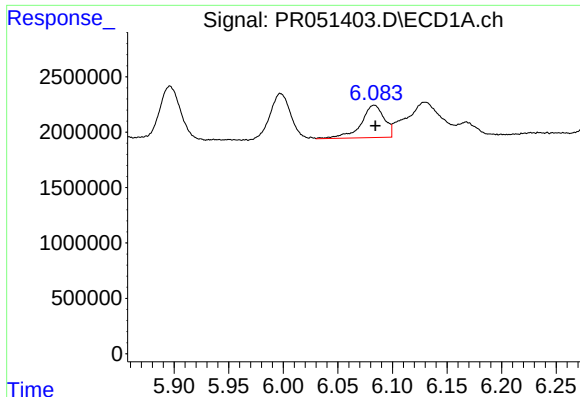
#14 AR-1232-4

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 5526501
Conc: 53.52 ng/ml



#14 AR-1232-4

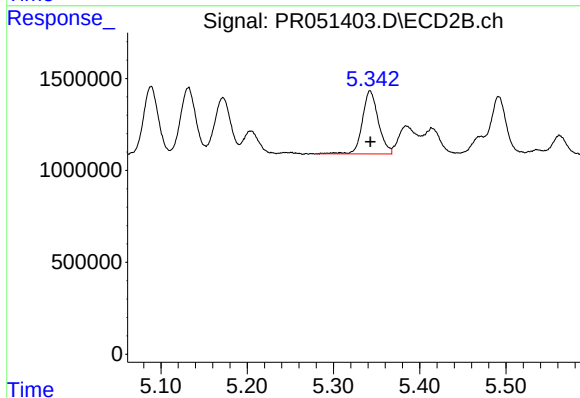
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 3902545
Conc: 53.06 ng/ml



#15 AR-1232-5

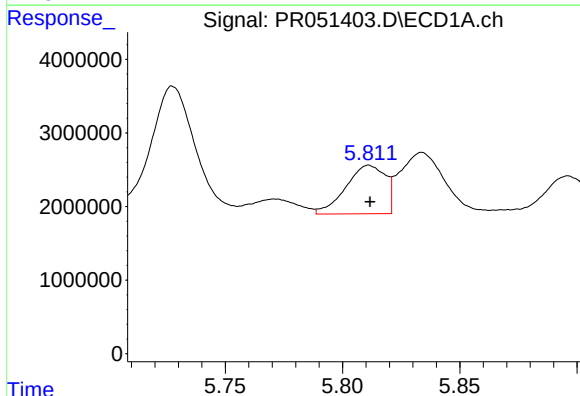
R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 4328890
Conc: 57.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



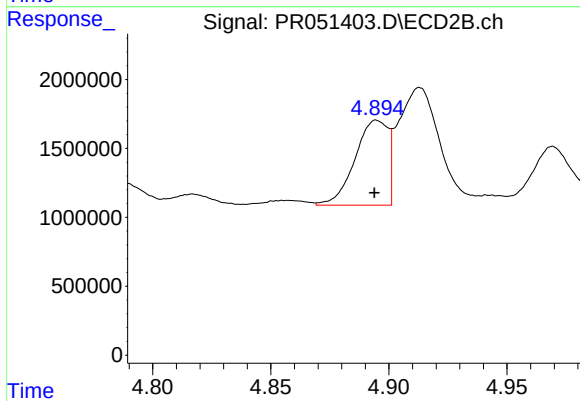
#15 AR-1232-5

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 4407446
Conc: 54.17 ng/ml



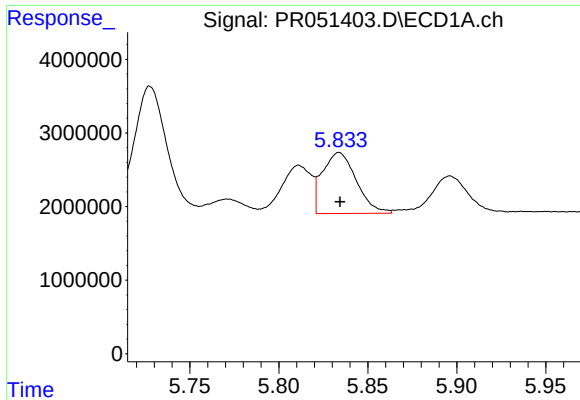
#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 7730906
Conc: 30.20 ng/ml



#16 AR-1242-1

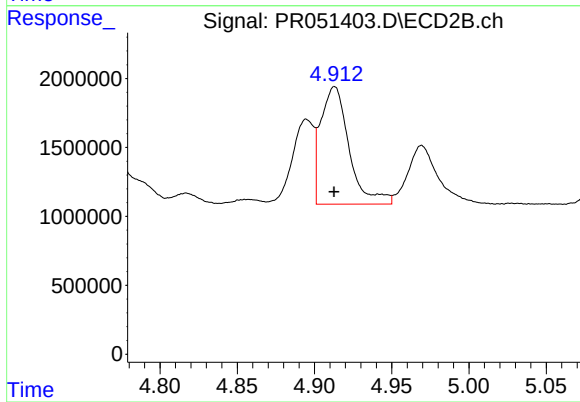
R.T.: 4.895 min
Delta R.T.: 0.001 min
Response: 5985763
Conc: 28.88 ng/ml



#17 AR-1242-2

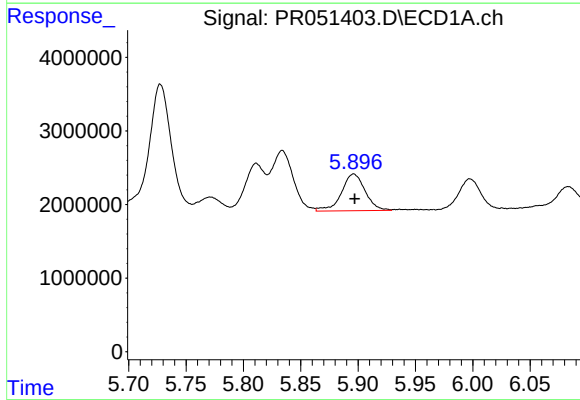
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 10982873
Conc: 29.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



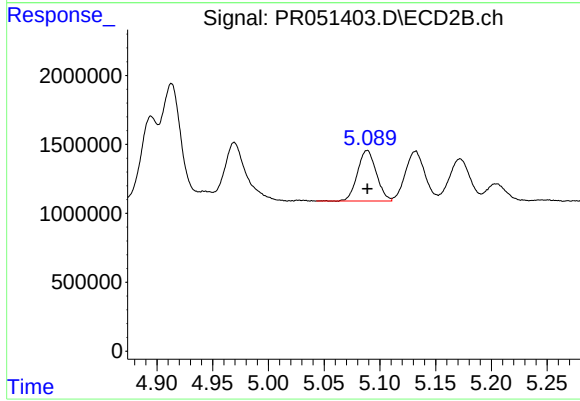
#17 AR-1242-2

R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 10900012
Conc: 35.95 ng/ml



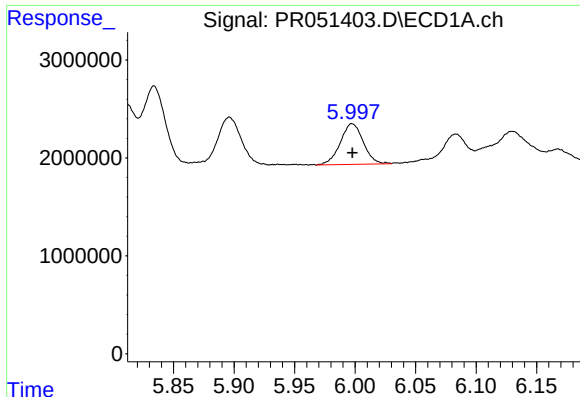
#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: -0.001 min
Response: 7207276
Conc: 32.76 ng/ml



#18 AR-1242-3

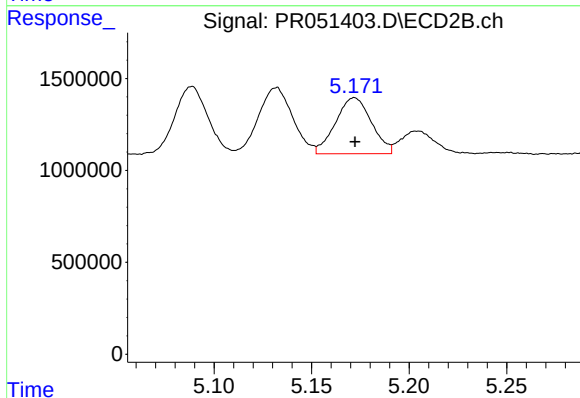
R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 4319789
Conc: 27.07 ng/ml



#19 AR-1242-4

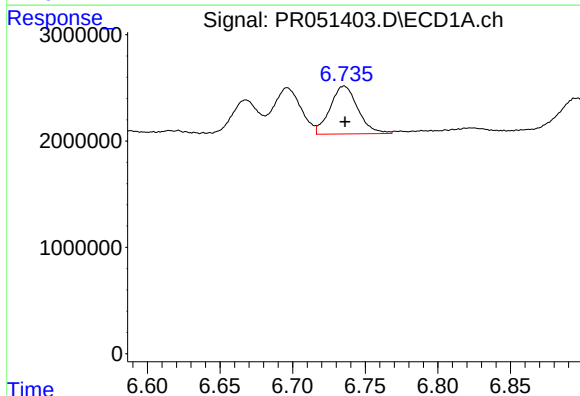
R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 5526501
Conc: 29.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



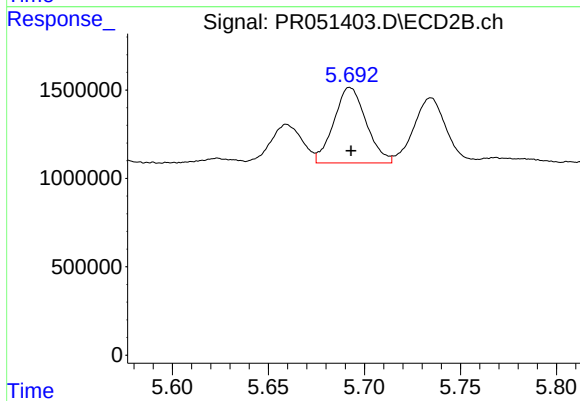
#19 AR-1242-4

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 3902545
Conc: 26.41 ng/ml



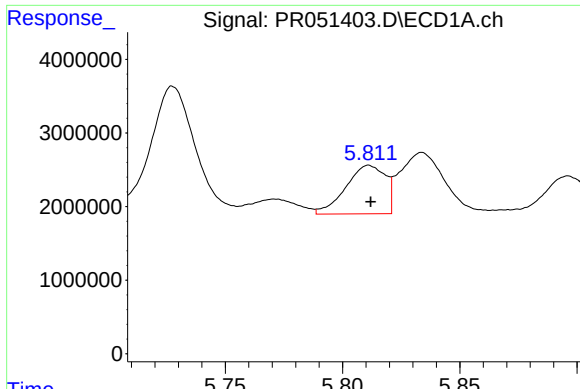
#20 AR-1242-5

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 6023938
Conc: 27.52 ng/ml



#20 AR-1242-5

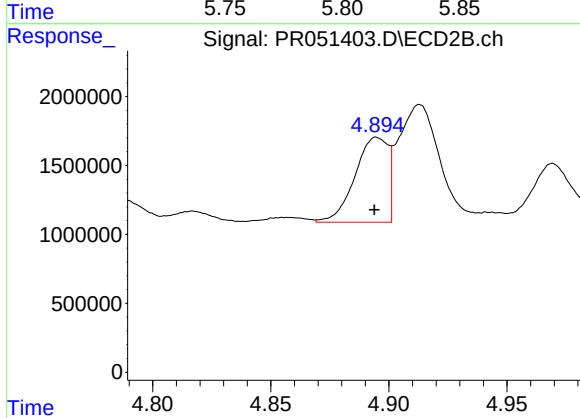
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 4997238
Conc: 24.92 ng/ml



#21 AR-1248-1

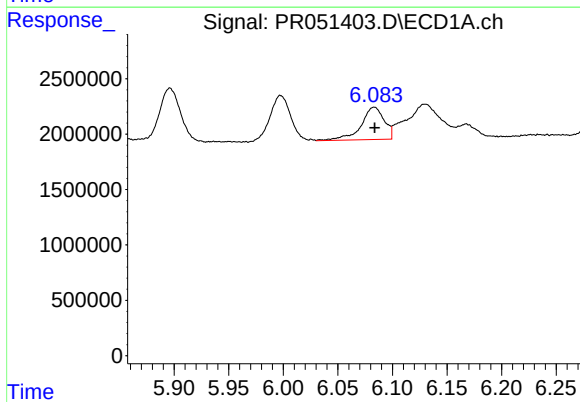
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 7730906
Conc: 36.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



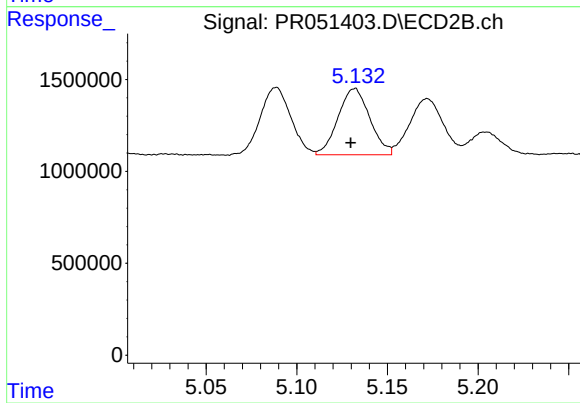
#21 AR-1248-1

R.T.: 4.895 min
Delta R.T.: 0.001 min
Response: 5985763
Conc: 35.09 ng/ml



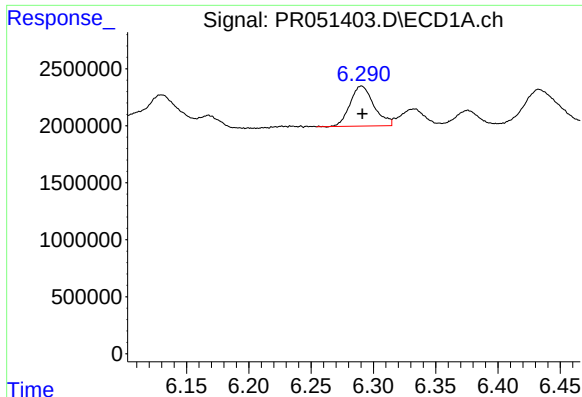
#22 AR-1248-2

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 4328890
Conc: 14.79 ng/ml



#22 AR-1248-2

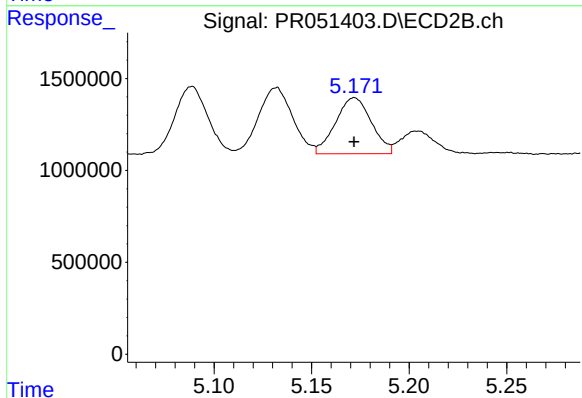
R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 4397055
Conc: 19.20 ng/ml



#23 AR-1248-3

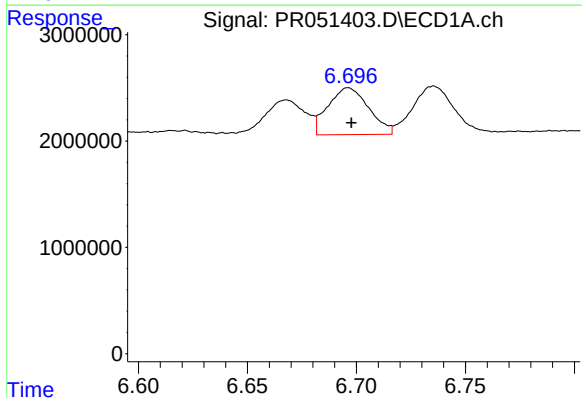
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 4690238
Conc: 14.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



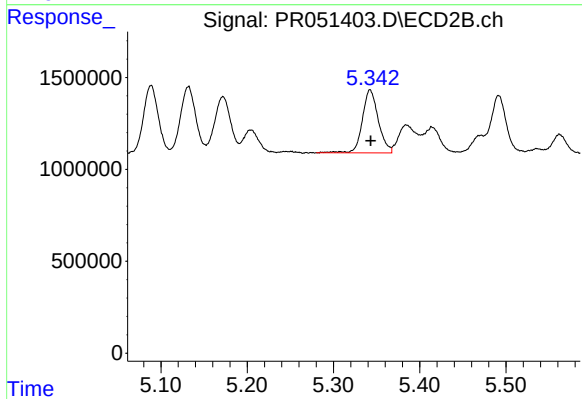
#23 AR-1248-3

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 3902545
Conc: 16.39 ng/ml



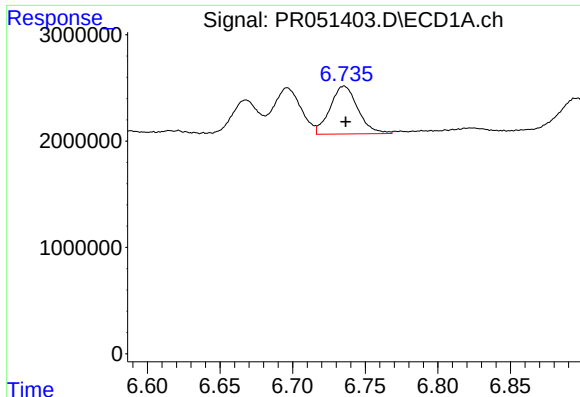
#24 AR-1248-4

R.T.: 6.696 min
Delta R.T.: -0.001 min
Response: 5739863
Conc: 13.81 ng/ml



#24 AR-1248-4

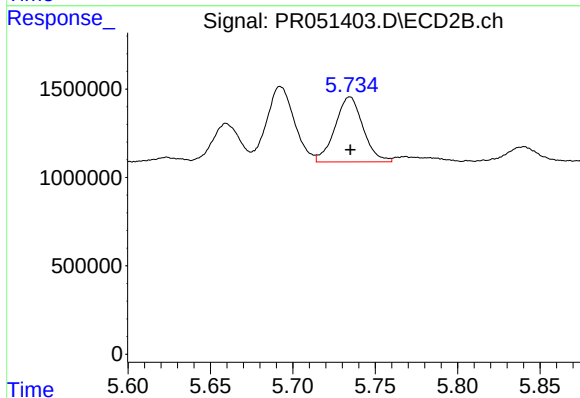
R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 4407446
Conc: 15.36 ng/ml



#25 AR-1248-5

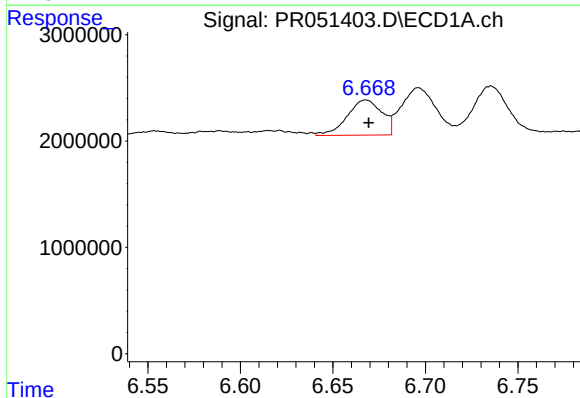
R.T.: 6.735 min
Delta R.T.: -0.001 min
Response: 6023938
Conc: 15.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



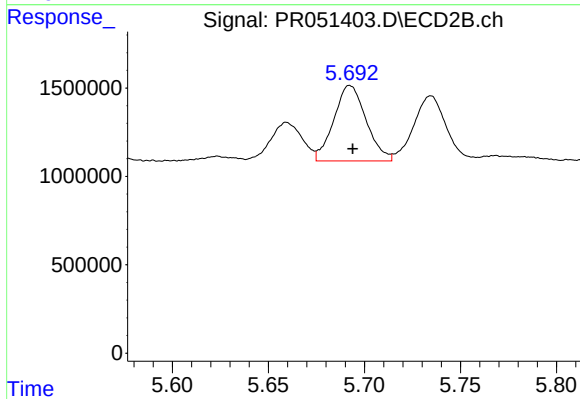
#25 AR-1248-5

R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 4355278
Conc: 14.21 ng/ml



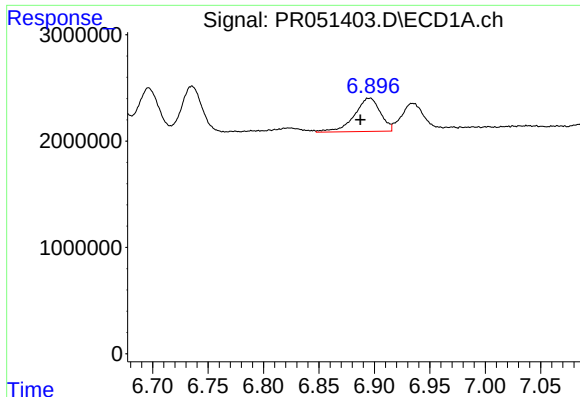
#26 AR-1254-1

R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 4346454
Conc: 12.26 ng/ml



#26 AR-1254-1

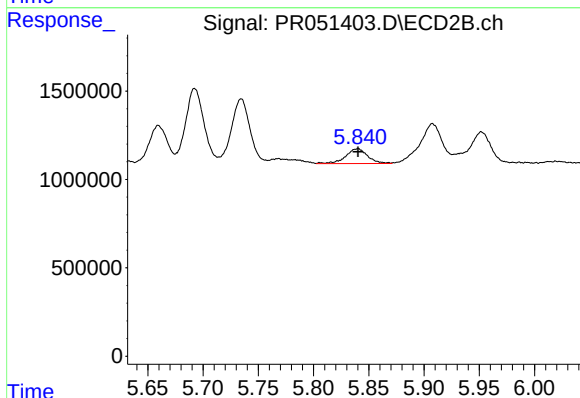
R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 4997238
Conc: 12.17 ng/ml



#27 AR-1254-2

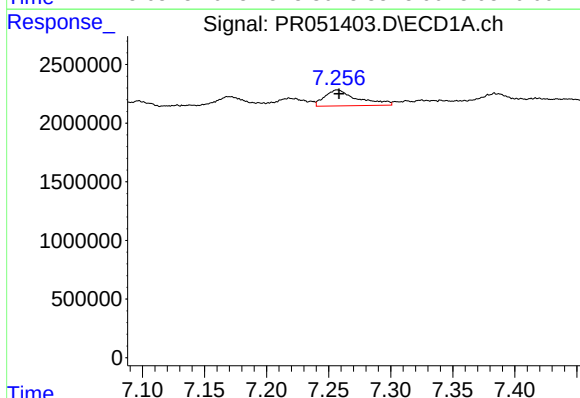
R.T.: 6.896 min
Delta R.T.: 0.008 min
Response: 5131407
Conc: 9.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



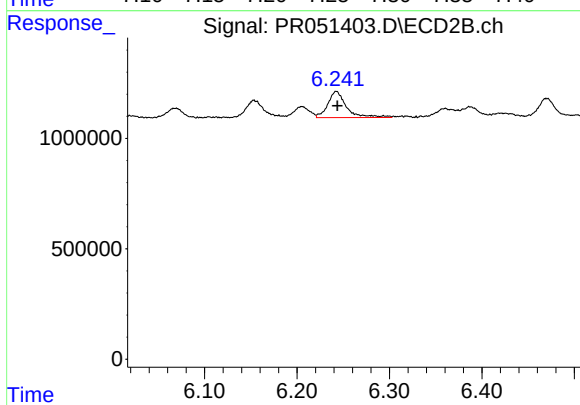
#27 AR-1254-2

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 1178902
Conc: 3.39 ng/ml



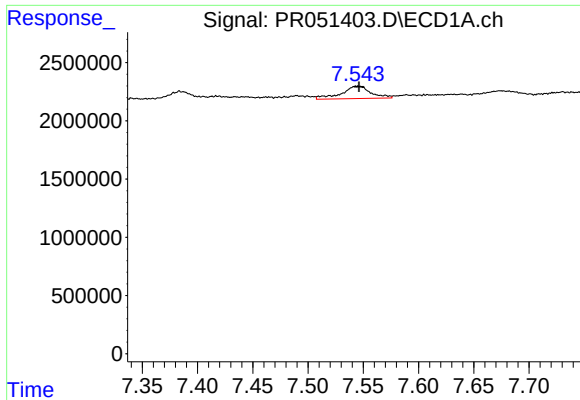
#28 AR-1254-3

R.T.: 7.257 min
Delta R.T.: -0.001 min
Response: 2492922
Conc: 4.16 ng/ml



#28 AR-1254-3

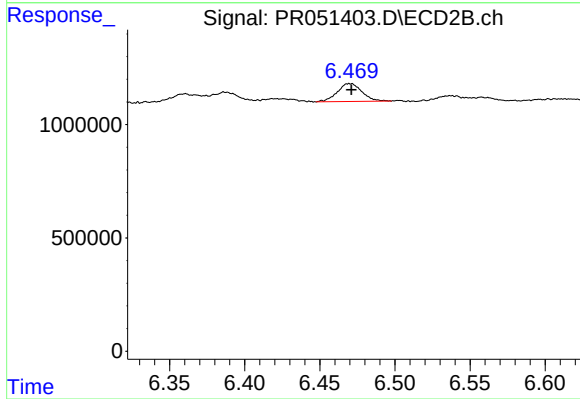
R.T.: 6.243 min
Delta R.T.: -0.001 min
Response: 1665886
Conc: 2.76 ng/ml



#29 AR-1254-4

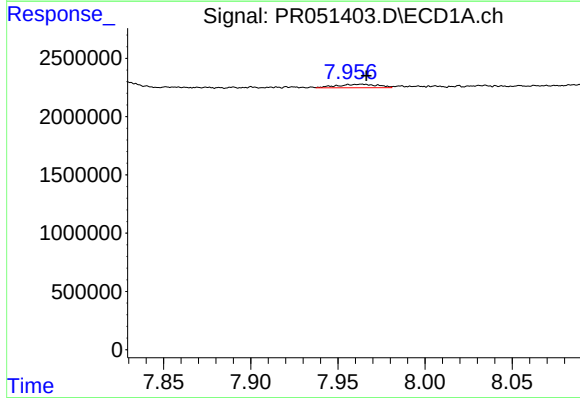
R.T.: 7.545 min
Delta R.T.: -0.001 min
Response: 1964302
Conc: 4.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



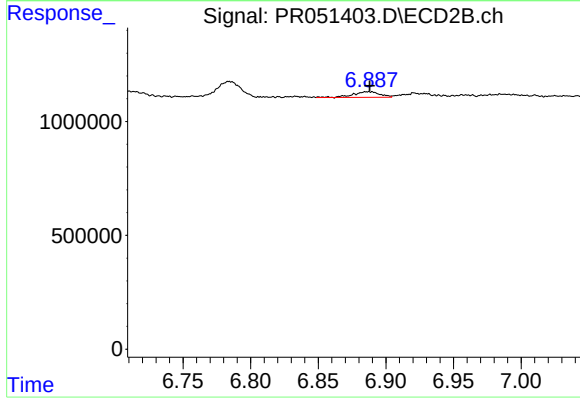
#29 AR-1254-4

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 896452
Conc: 2.39 ng/ml



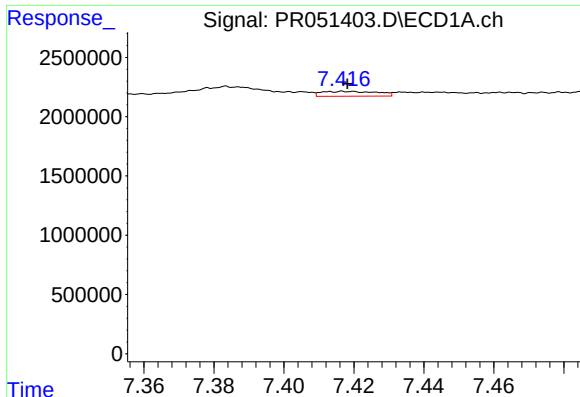
#30 AR-1254-5

R.T.: 7.964 min
Delta R.T.: -0.002 min
Response: 479809
Conc: 1.01 ng/ml



#30 AR-1254-5

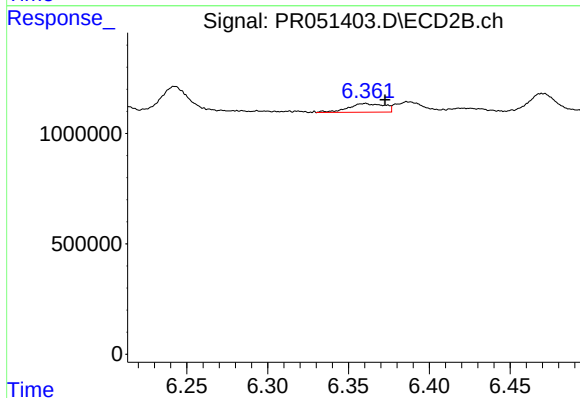
R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 344684
Conc: 0.67 ng/ml



#31 AR-1260-1

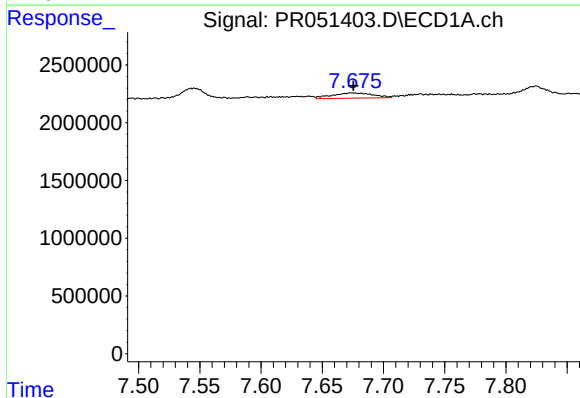
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 455168
Conc: 0.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



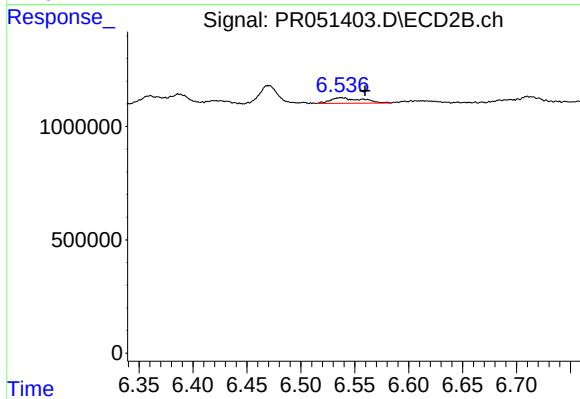
#31 AR-1260-1

R.T.: 6.360 min
Delta R.T.: -0.012 min
Response: 607025
Conc: 1.47 ng/ml



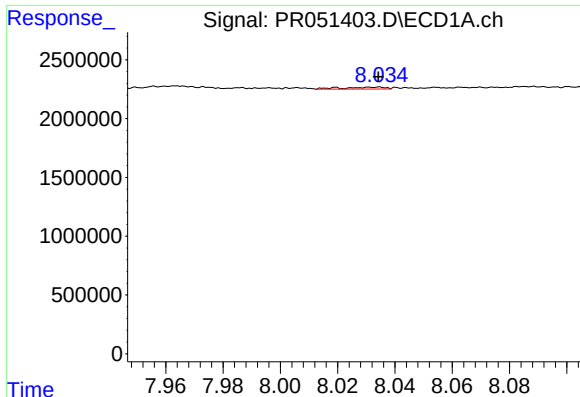
#32 AR-1260-2

R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 1076187
Conc: 1.70 ng/ml



#32 AR-1260-2

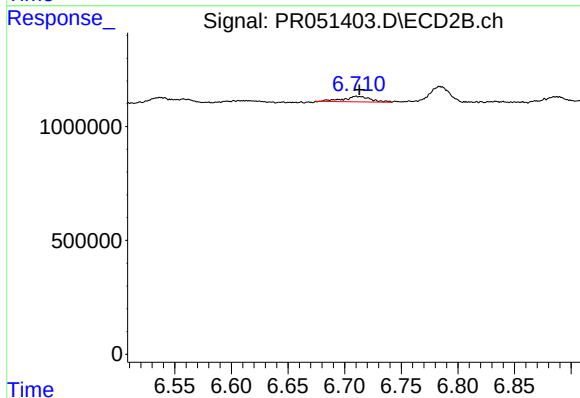
R.T.: 6.537 min
Delta R.T.: -0.023 min
Response: 500872
Conc: 0.99 ng/ml



#33 AR-1260-3

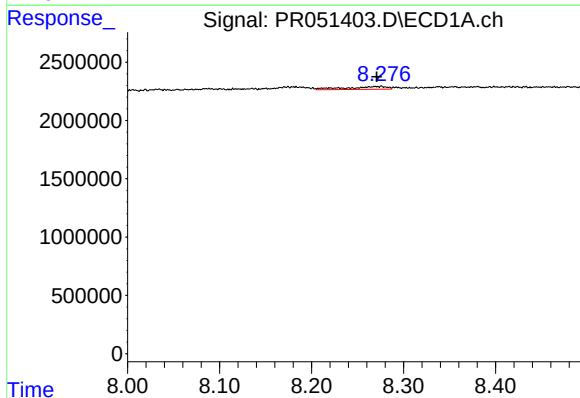
R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 170514
Conc: 0.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



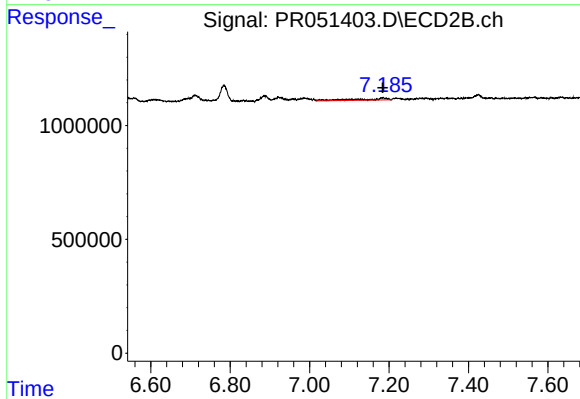
#33 AR-1260-3

R.T.: 6.710 min
Delta R.T.: -0.003 min
Response: 403418
Conc: 0.82 ng/ml



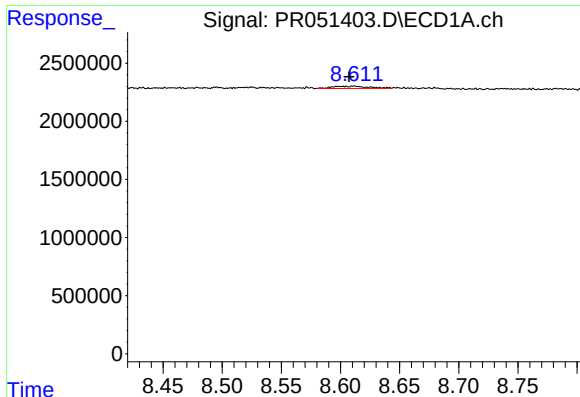
#34 AR-1260-4

R.T.: 8.276 min
Delta R.T.: 0.005 min
Response: 727389
Conc: 1.42 ng/ml



#34 AR-1260-4

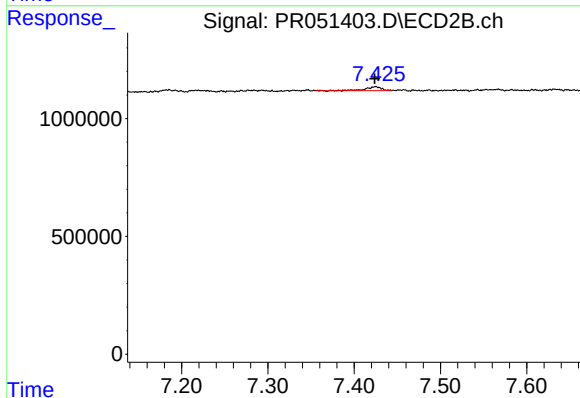
R.T.: 7.185 min
Delta R.T.: 0.001 min
Response: 417802
Conc: 1.02 ng/ml



#35 AR-1260-5

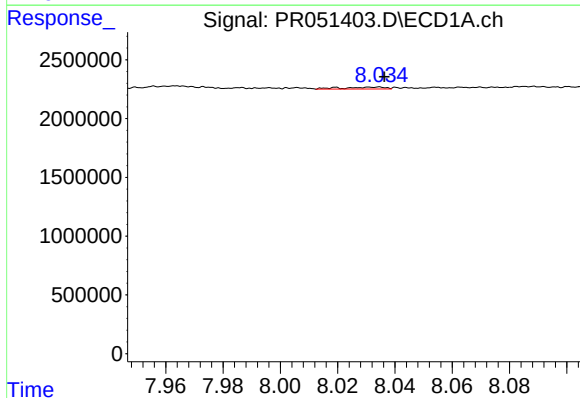
R.T.: 8.612 min
Delta R.T.: 0.004 min
Response: 417969
Conc: 0.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



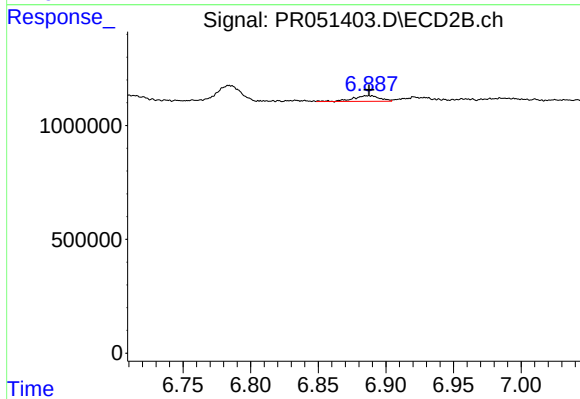
#35 AR-1260-5

R.T.: 7.425 min
Delta R.T.: 0.000 min
Response: 203014
Conc: 0.19 ng/ml



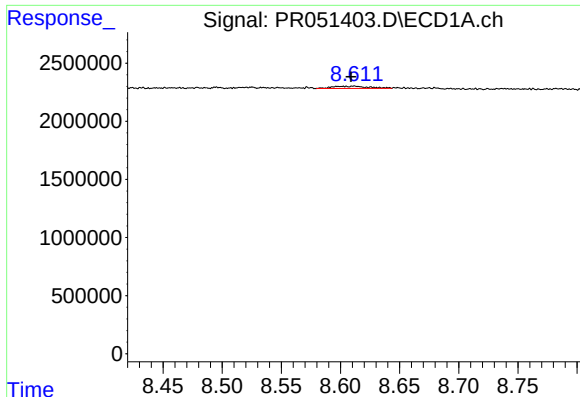
#36 AR-1262-1

R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 170514
Conc: 0.26 ng/ml



#36 AR-1262-1

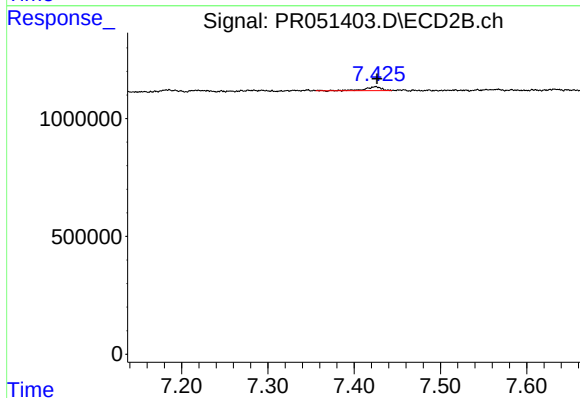
R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 344684
Conc: 1.25 ng/ml



#37 AR-1262-2

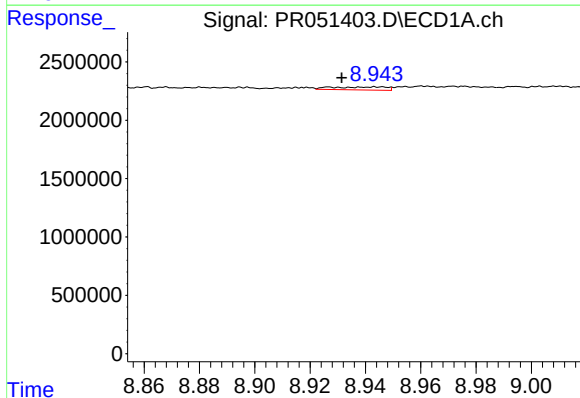
R.T.: 8.612 min
Delta R.T.: 0.003 min
Response: 417969
Conc: 0.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



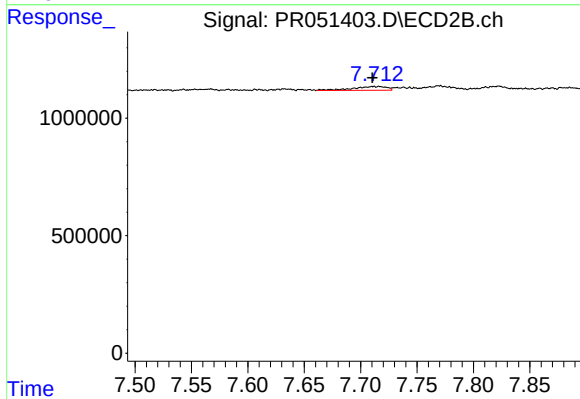
#37 AR-1262-2

R.T.: 7.425 min
Delta R.T.: -0.001 min
Response: 203014
Conc: 0.20 ng/ml



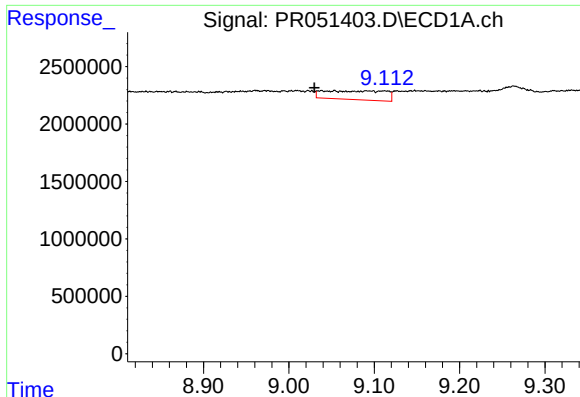
#38 AR-1262-3

R.T.: 8.944 min
Delta R.T.: 0.013 min
Response: 351543
Conc: 0.46 ng/ml



#38 AR-1262-3

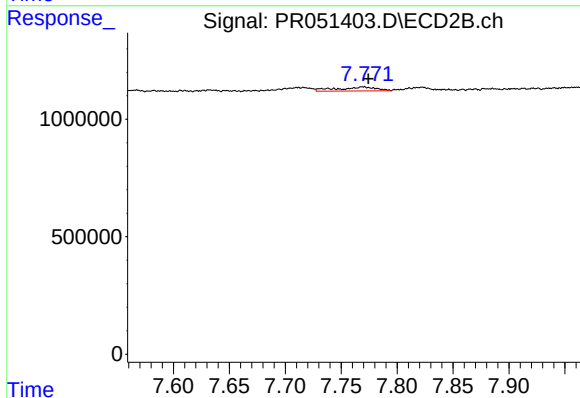
R.T.: 7.717 min
Delta R.T.: 0.006 min
Response: 340643
Conc: 0.93 ng/ml



#39 AR-1262-4

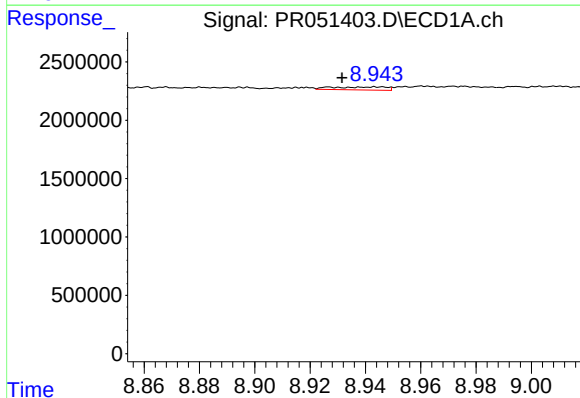
R.T.: 9.054 min
Delta R.T.: 0.023 min
Response: 3832706
Conc: 6.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



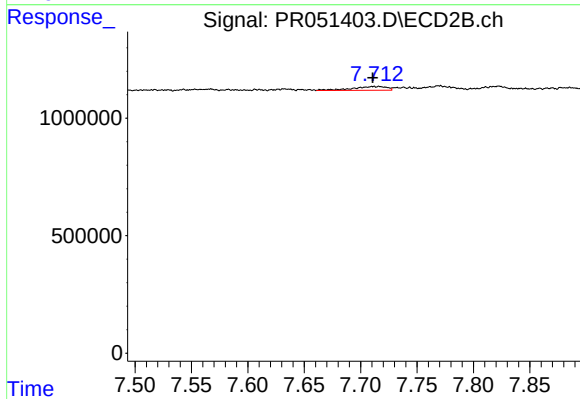
#39 AR-1262-4

R.T.: 7.769 min
Delta R.T.: -0.005 min
Response: 416635
Conc: 0.57 ng/ml



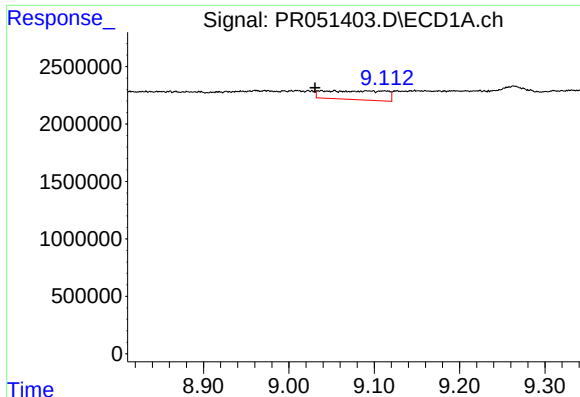
#41 AR-1268-1

R.T.: 8.944 min
Delta R.T.: 0.013 min
Response: 351543
Conc: 0.25 ng/ml



#41 AR-1268-1

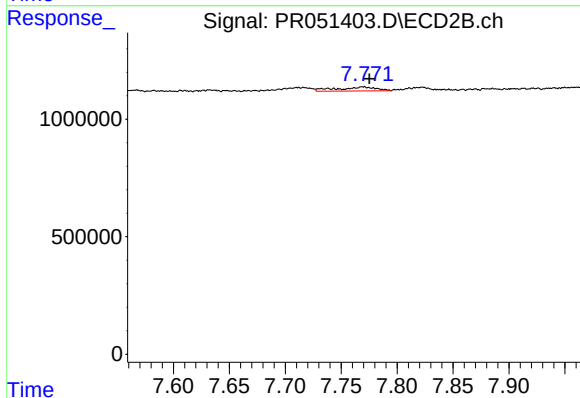
R.T.: 7.717 min
Delta R.T.: 0.006 min
Response: 340643
Conc: 0.32 ng/ml



#42 AR-1268-2

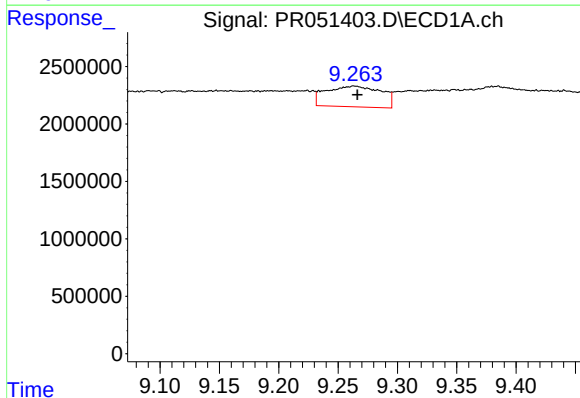
R.T.: 9.054 min
Delta R.T.: 0.023 min
Response: 3832706
Conc: 3.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



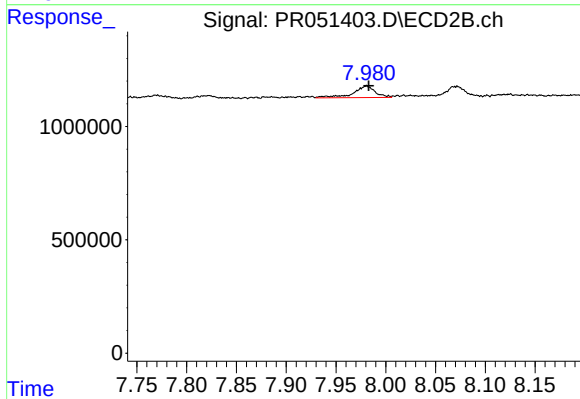
#42 AR-1268-2

R.T.: 7.769 min
Delta R.T.: -0.006 min
Response: 416635
Conc: 0.42 ng/ml



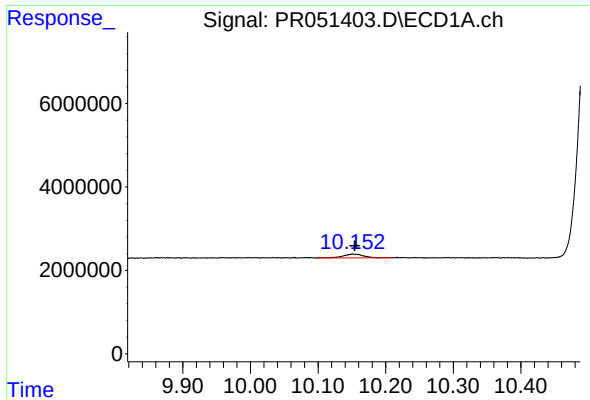
#43 AR-1268-3

R.T.: 9.264 min
Delta R.T.: -0.003 min
Response: 5828806
Conc: 5.22 ng/ml



#43 AR-1268-3

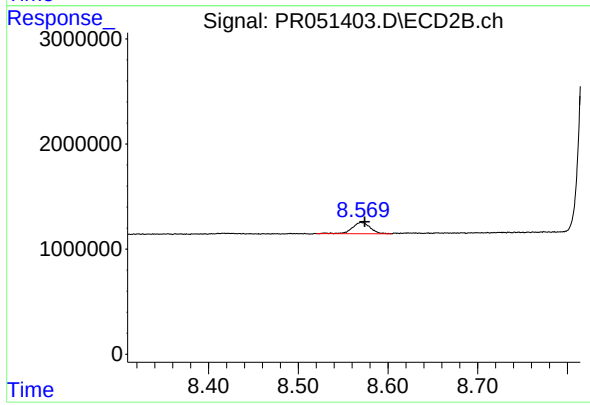
R.T.: 7.981 min
Delta R.T.: -0.002 min
Response: 782774
Conc: 0.95 ng/ml



#45 AR-1268-5

R.T.: 10.153 min
Delta R.T.: -0.002 min
Response: 1822983
Conc: 0.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.570 min
Delta R.T.: -0.004 min
Response: 1481811
Conc: 0.53 ng/ml