

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080119\
 Data File : PR039930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 06:17
 Operator : SM\AJ
 Sample : K4062-17
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 08:09:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 22 14:03:19 2019
 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...	3.751	4.595	49423610	208.9E6	20.593	20.843
2)	SA Decachlor...	8.683	10.321	28566256	122.9E6	11.497	13.096
Target Compounds							
3)	L1 AR-1016-1	4.816	5.777	1192015	5718818	13.558	15.811
4)	L1 AR-1016-2	4.844	5.777	1177728	5718818	8.131	11.028 #
5)	L1 AR-1016-3	5.006	5.777	1610529	5718818	23.187	18.660
6)	L1 AR-1016-4	5.052	5.910	1235158	14561713	21.942	55.857 #
7)	L1 AR-1016-5	5.296	6.233	461798	11362024	6.157	45.224 #
8)	L2 AR-1221-1	3.951	0.000	508386	0	15.620	N.D. #
9)	L2 AR-1221-2	4.048	0.000	607917	0	24.985	N.D. #
10)	L2 AR-1221-3	4.177	0.000	5670342	0	72.402	N.D. #
11)	L3 AR-1232-1	4.177	0.000	5670342	0	72.557	N.D. #
12)	L3 AR-1232-2	4.844	0.000	1177728	0	12.530	N.D. #
13)	L3 AR-1232-3	5.006	5.777	1610529	5718818	38.099	17.848 #
14)	L3 AR-1232-4	5.117	5.910	3210197	14561713	80.656	90.249
15)	L3 AR-1232-5	5.296	0.000	461798	0	10.912	N.D. #
16)	L4 AR-1242-1	4.816	5.777	1192015	5718818	13.057	16.069
17)	L4 AR-1242-2	4.844	5.777	1177728	5718818	8.217	11.032 #
18)	L4 AR-1242-3	5.006	5.777	1610529	5718818	22.787	18.570
19)	L4 AR-1242-4	5.117	5.910	3210197	14561713	45.894	55.614
20)	L4 AR-1242-5	5.609	6.634	5671031	61031052	57.093	210.416 #
21)	L5 AR-1248-1	4.816	5.777	1192015	5718818	16.472	19.979
22)	L5 AR-1248-2	5.052	0.000	1235158	0	15.788	N.D. #
23)	L5 AR-1248-3	5.117	6.233	3210197	11362024	30.062	26.068
24)	L5 AR-1248-4	5.296	6.634	461798	61031052	3.488	117.499 #
25)	L5 AR-1248-5	5.631	6.634	3977521	61031052	27.443	123.815 #
26)	L6 AR-1254-1	5.609	6.584	5671031	97516175	36.770	267.720 #
27)	L6 AR-1254-2	5.749	6.809	3454539	29868753	26.384	52.293 #
28)	L6 AR-1254-3	6.160	7.192	5730743	103.5E6	25.649	166.005 #
29)	L6 AR-1254-4	6.369	7.457	4920212	20982652	33.835	46.330 #
30)	L6 AR-1254-5	6.779	7.888	39200319	147.2E6	205.867	310.097 #
31)	L7 AR-1260-1	6.272	7.333	8831797	35033147	60.603	78.953 #
32)	L7 AR-1260-2	6.457	7.587	14269574	301.7E6	77.504	550.453 #
33)	L7 AR-1260-3	6.609	7.938	9129034	18609270	55.104	44.388
34)	L7 AR-1260-4	7.072	8.165	9208054	32308576	66.242	66.962
35)	L7 AR-1260-5	7.311	8.493	14091721	43420829	40.847	42.334
36)	L8 AR-1262-1	6.870	7.938	7254941	18609270	49.411	17.926 #
37)	L8 AR-1262-2	7.311	8.493	14091721	43420829	20.850	21.555
38)	L8 AR-1262-3	7.590	8.827	4964442	32775218	20.899	26.120
39)	L8 AR-1262-4	7.653	8.899	12167365	19852997	26.275	21.035
40)	L8 AR-1262-5	8.145	9.565	4952131	10275455	25.468	16.176 #
41)	L9 AR-1268-1	7.590	8.827	4964442	32775218	6.476	13.813 #

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 Acq On : 01 Aug 2019 06:17
 Operator : SM\AJ
 Sample : K4062-17
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

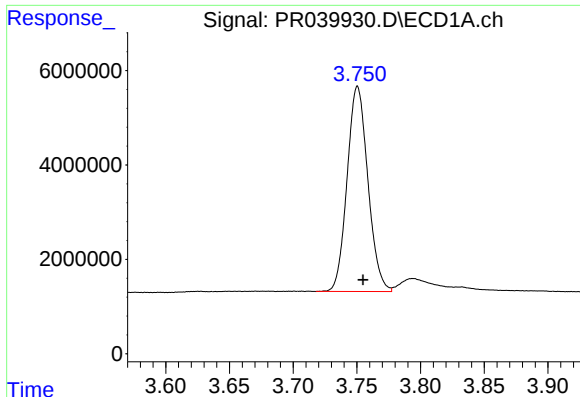
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 08:09:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 22 14:03:19 2019
 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
42) L9	AR-1268-2	7.653	8.899	12167365	19852997	17.330	8.942 #
43) L9	AR-1268-3	7.854	0.000	2495509	0	4.491	N.D. #
44) L9	AR-1268-4	8.145	9.565	4952131	10275455	21.494	13.857 #
45) L9	AR-1268-5	8.432	9.982	4255418	16280262	2.497	2.783

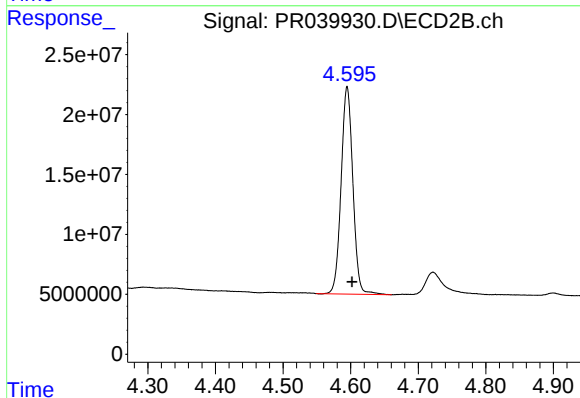
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

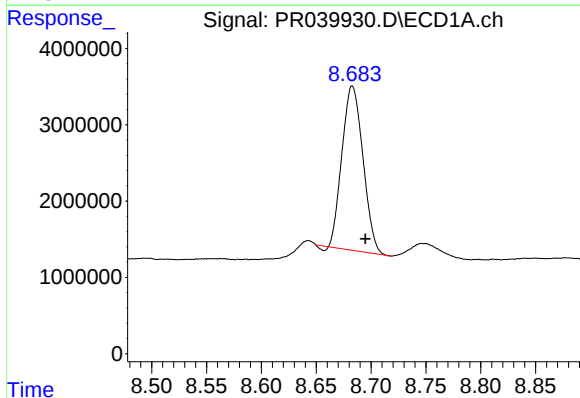
R.T.: 3.751 min
Delta R.T.: -0.004 min
Response: 49423610
Conc: 20.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



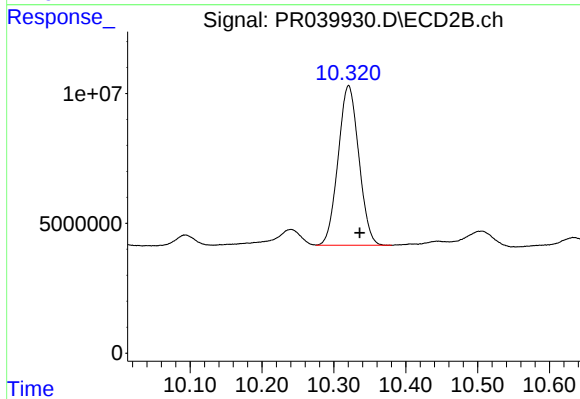
#1 Tetrachloro-m-xylene

R.T.: 4.595 min
Delta R.T.: -0.007 min
Response: 208937750
Conc: 20.84 ng/ml



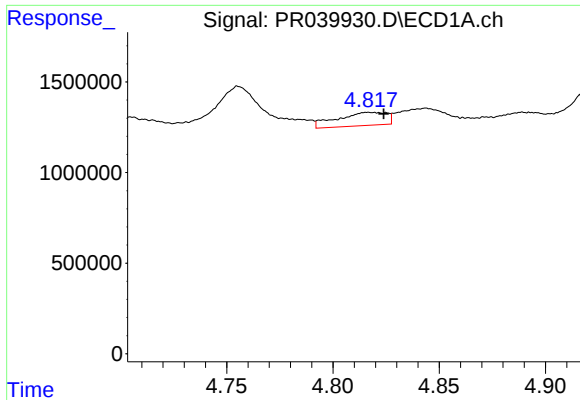
#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: -0.012 min
Response: 28566256
Conc: 11.50 ng/ml



#2 Decachlorobiphenyl

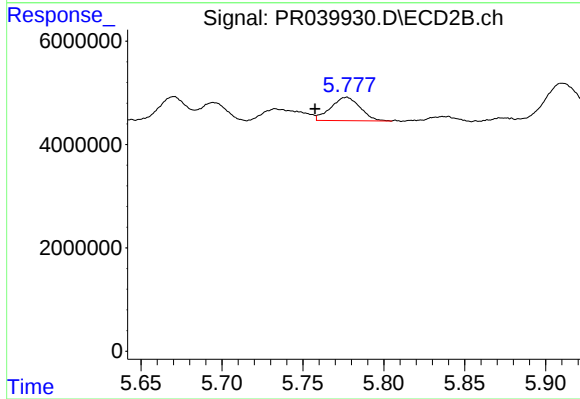
R.T.: 10.321 min
Delta R.T.: -0.015 min
Response: 122942211
Conc: 13.10 ng/ml



#3 AR-1016-1

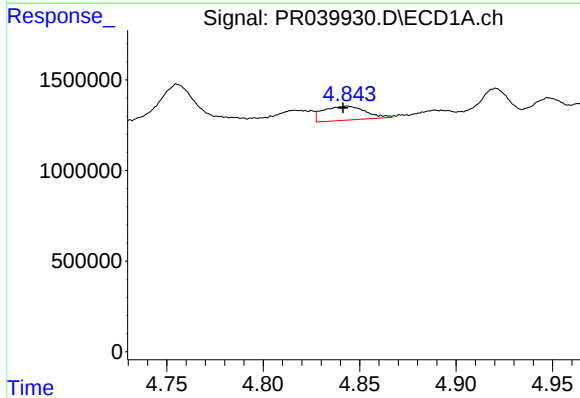
R.T.: 4.816 min
Delta R.T.: -0.007 min
Response: 1192015
Conc: 13.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



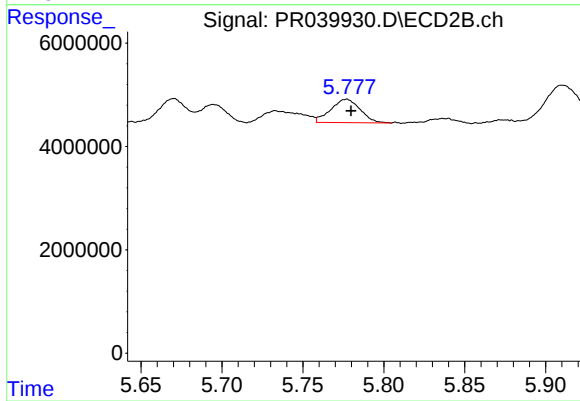
#3 AR-1016-1

R.T.: 5.777 min
Delta R.T.: 0.019 min
Response: 5718818
Conc: 15.81 ng/ml



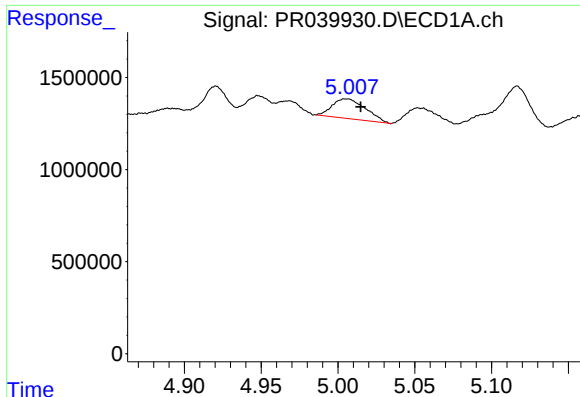
#4 AR-1016-2

R.T.: 4.844 min
Delta R.T.: 0.002 min
Response: 1177728
Conc: 8.13 ng/ml



#4 AR-1016-2

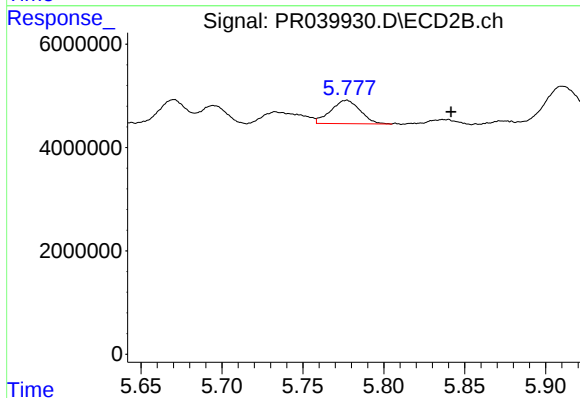
R.T.: 5.777 min
Delta R.T.: -0.003 min
Response: 5718818
Conc: 11.03 ng/ml



#5 AR-1016-3

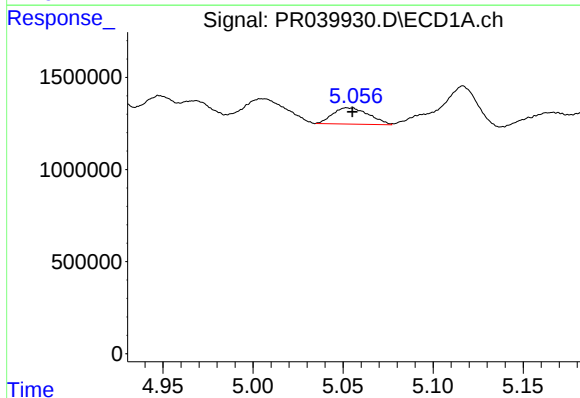
R.T.: 5.006 min
Delta R.T.: -0.009 min
Response: 1610529
Conc: 23.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



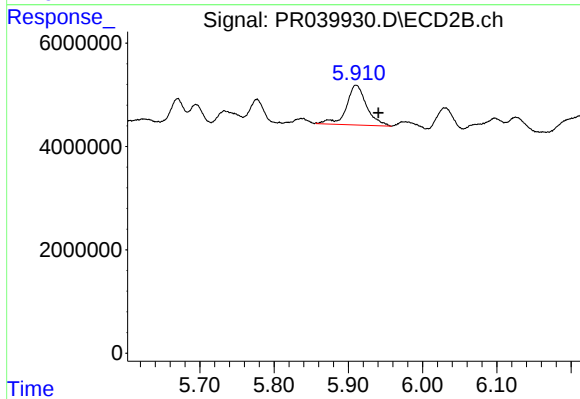
#5 AR-1016-3

R.T.: 5.777 min
Delta R.T.: -0.065 min
Response: 5718818
Conc: 18.66 ng/ml



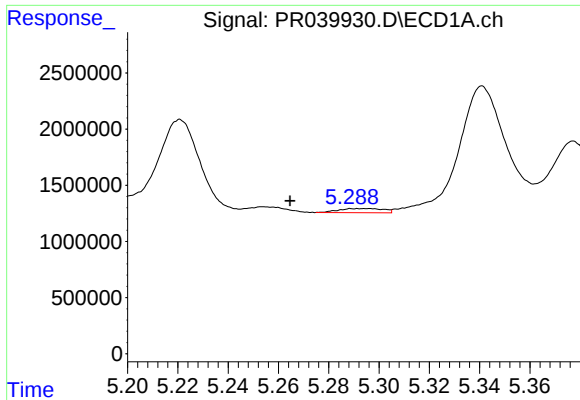
#6 AR-1016-4

R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 1235158
Conc: 21.94 ng/ml



#6 AR-1016-4

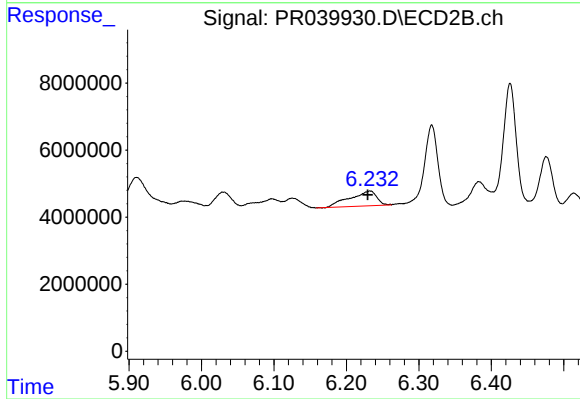
R.T.: 5.910 min
Delta R.T.: -0.030 min
Response: 14561713
Conc: 55.86 ng/ml



#7 AR-1016-5

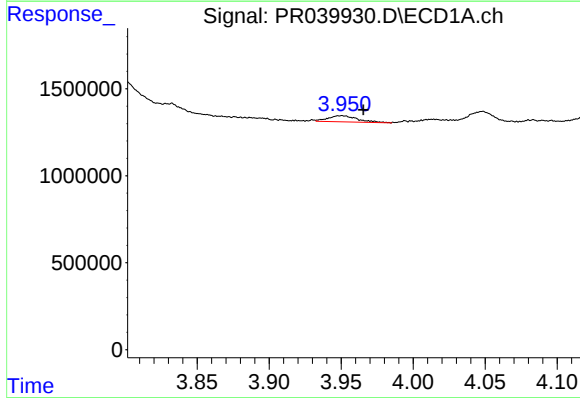
R.T.: 5.296 min
Delta R.T.: 0.032 min
Response: 461798
Conc: 6.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



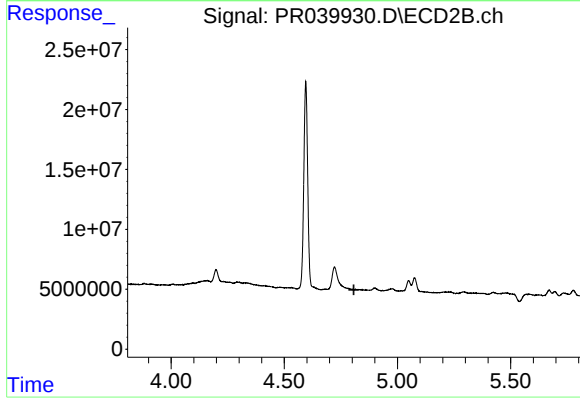
#7 AR-1016-5

R.T.: 6.233 min
Delta R.T.: 0.004 min
Response: 11362024
Conc: 45.22 ng/ml



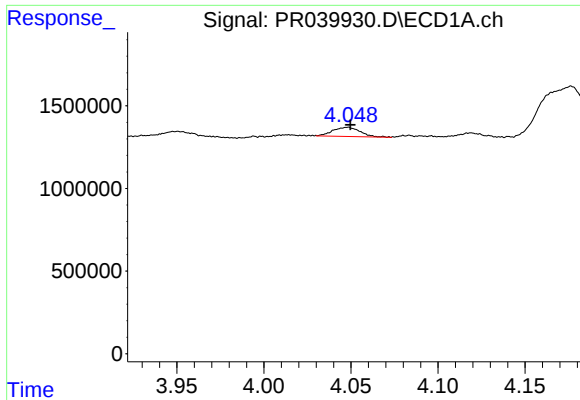
#8 AR-1221-1

R.T.: 3.951 min
Delta R.T.: -0.015 min
Response: 508386
Conc: 15.62 ng/ml



#8 AR-1221-1

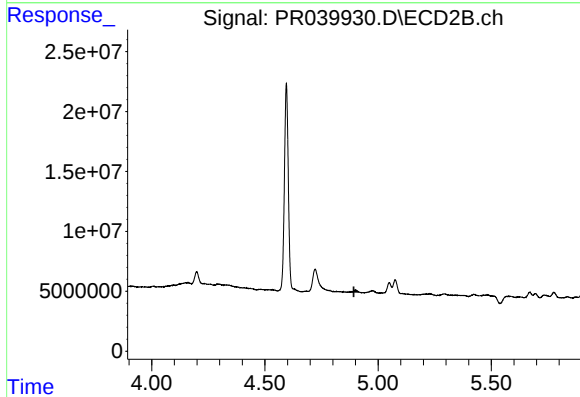
R.T.: 0.000 min
Exp R.T.: 4.808 min
Response: 0
Conc: N.D.



#9 AR-1221-2

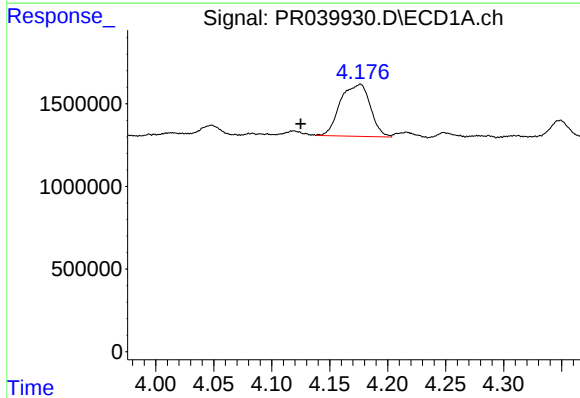
R.T.: 4.048 min
Delta R.T.: -0.001 min
Response: 607917
Conc: 24.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



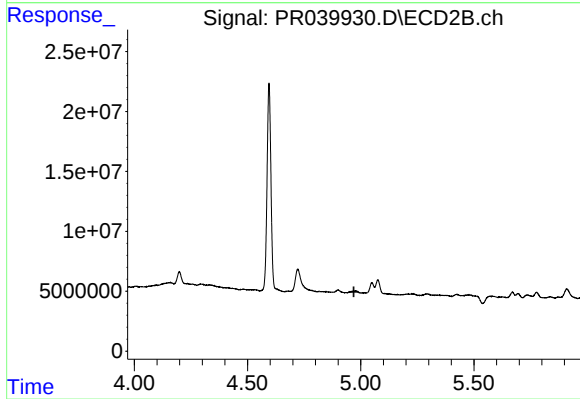
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.893 min
Response: 0
Conc: N.D.



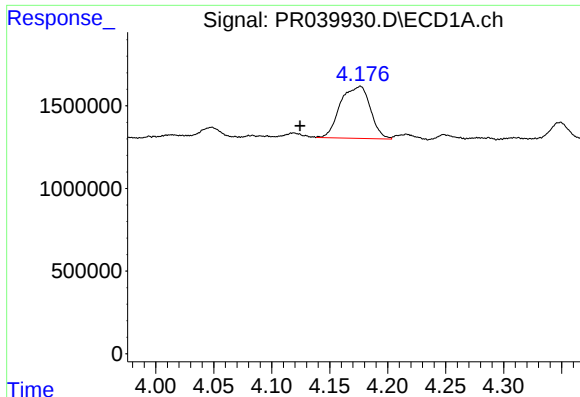
#10 AR-1221-3

R.T.: 4.177 min
Delta R.T.: 0.052 min
Response: 5670342
Conc: 72.40 ng/ml



#10 AR-1221-3

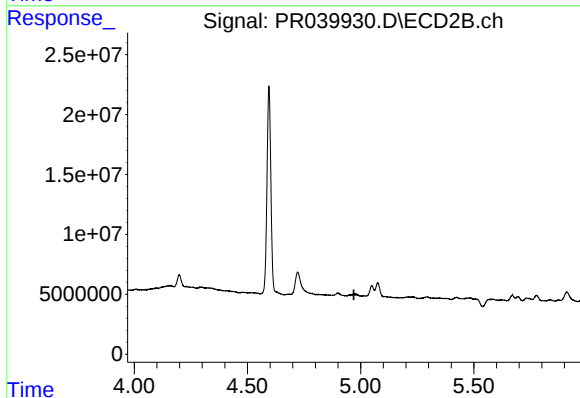
R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



#11 AR-1232-1

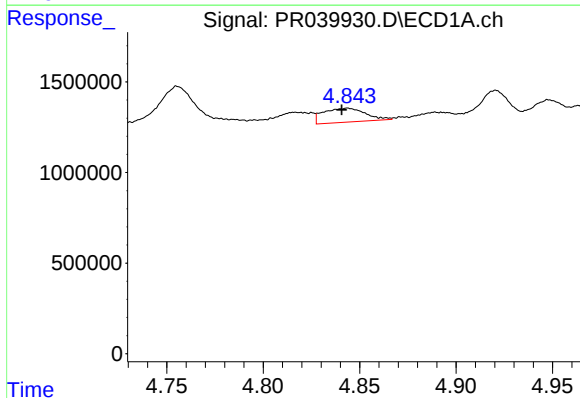
R.T.: 4.177 min
Delta R.T.: 0.052 min
Response: 5670342
Conc: 72.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



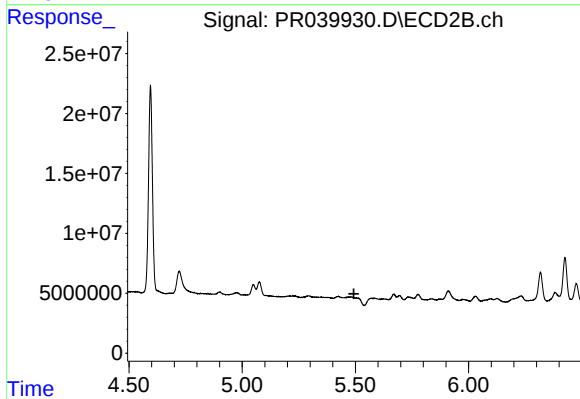
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



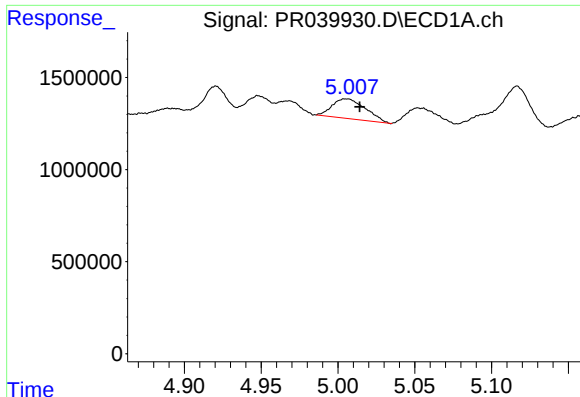
#12 AR-1232-2

R.T.: 4.844 min
Delta R.T.: 0.003 min
Response: 1177728
Conc: 12.53 ng/ml



#12 AR-1232-2

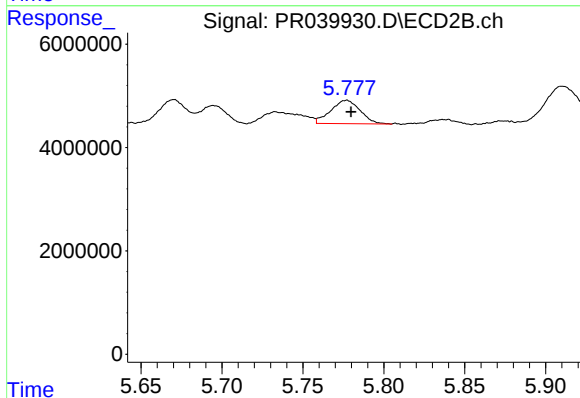
R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



#13 AR-1232-3

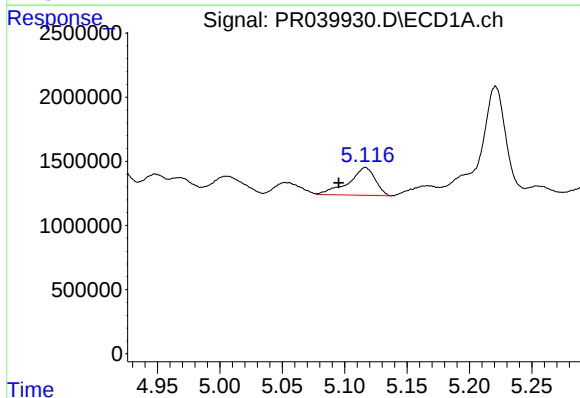
R.T.: 5.006 min
Delta R.T.: -0.008 min
Response: 1610529
Conc: 38.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



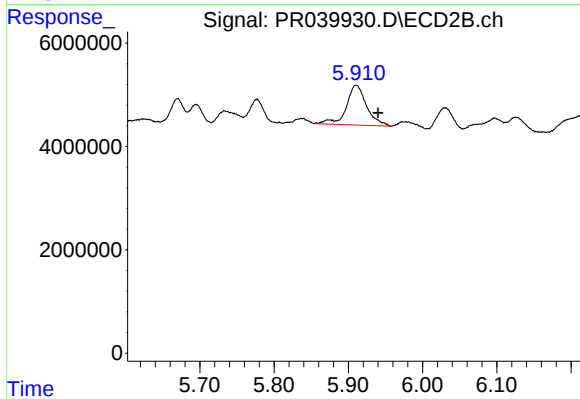
#13 AR-1232-3

R.T.: 5.777 min
Delta R.T.: -0.003 min
Response: 5718818
Conc: 17.85 ng/ml



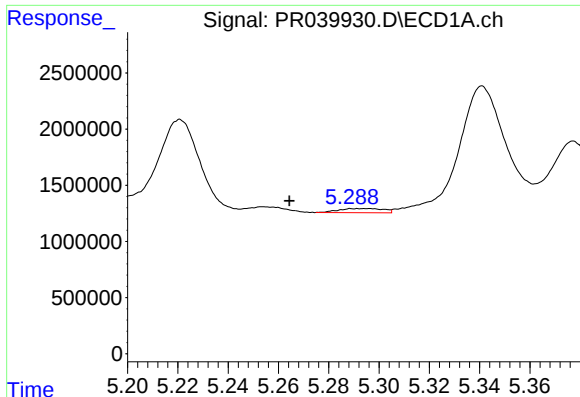
#14 AR-1232-4

R.T.: 5.117 min
Delta R.T.: 0.021 min
Response: 3210197
Conc: 80.66 ng/ml



#14 AR-1232-4

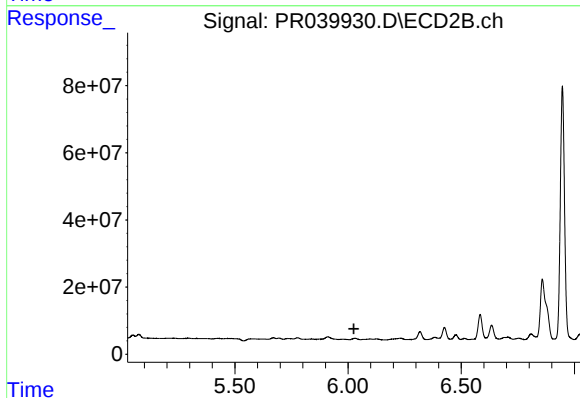
R.T.: 5.910 min
Delta R.T.: -0.030 min
Response: 14561713
Conc: 90.25 ng/ml



#15 AR-1232-5

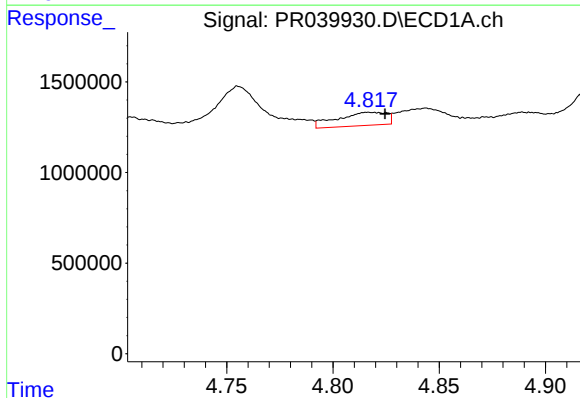
R.T.: 5.296 min
Delta R.T.: 0.032 min
Response: 461798
Conc: 10.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



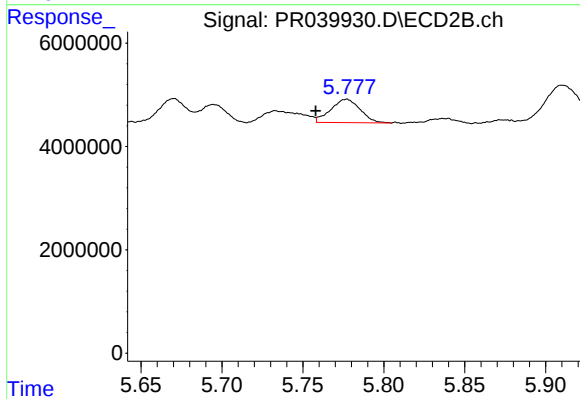
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.026 min
Response: 0
Conc: N.D.



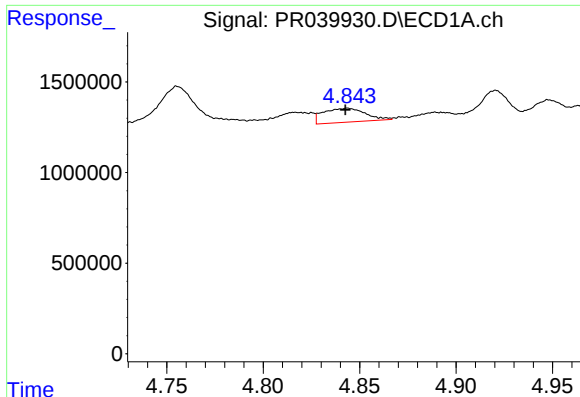
#16 AR-1242-1

R.T.: 4.816 min
Delta R.T.: -0.008 min
Response: 1192015
Conc: 13.06 ng/ml



#16 AR-1242-1

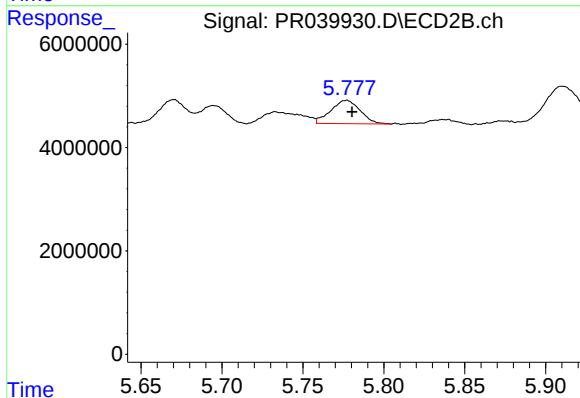
R.T.: 5.777 min
Delta R.T.: 0.019 min
Response: 5718818
Conc: 16.07 ng/ml



#17 AR-1242-2

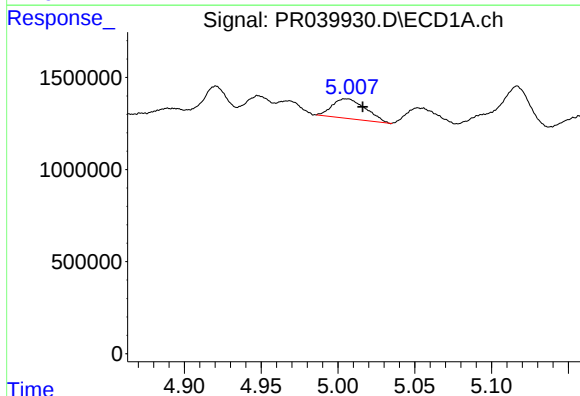
R.T.: 4.844 min
Delta R.T.: 0.001 min
Response: 1177728
Conc: 8.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



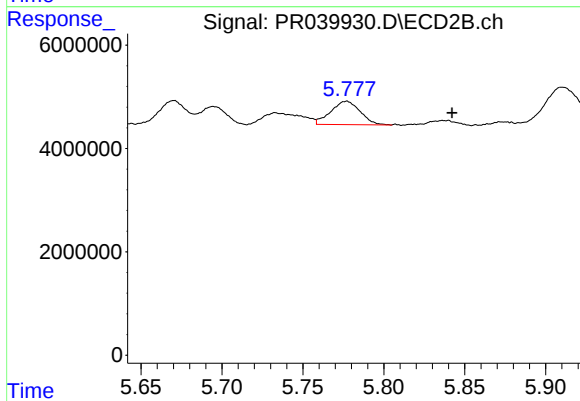
#17 AR-1242-2

R.T.: 5.777 min
Delta R.T.: -0.003 min
Response: 5718818
Conc: 11.03 ng/ml



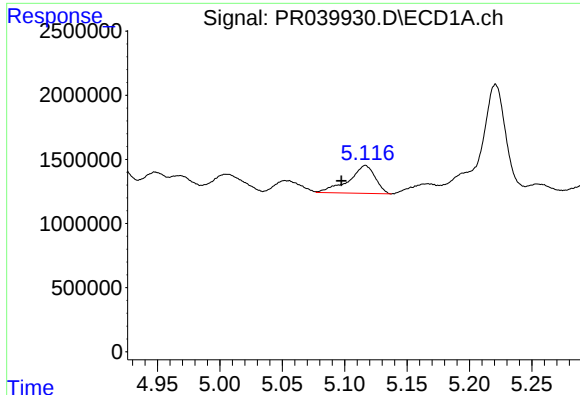
#18 AR-1242-3

R.T.: 5.006 min
Delta R.T.: -0.010 min
Response: 1610529
Conc: 22.79 ng/ml



#18 AR-1242-3

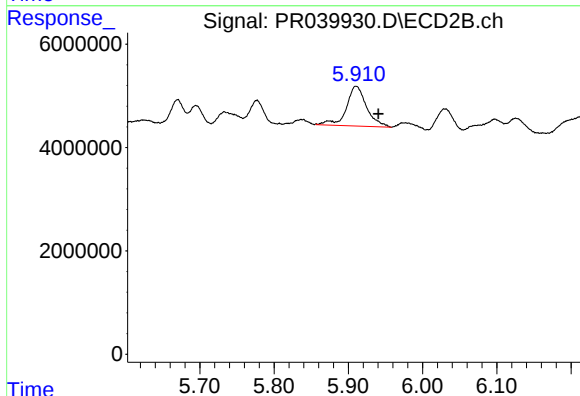
R.T.: 5.777 min
Delta R.T.: -0.065 min
Response: 5718818
Conc: 18.57 ng/ml



#19 AR-1242-4

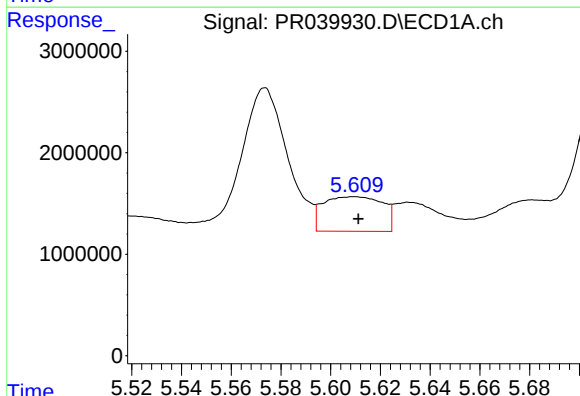
R.T.: 5.117 min
Delta R.T.: 0.019 min
Response: 3210197
Conc: 45.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



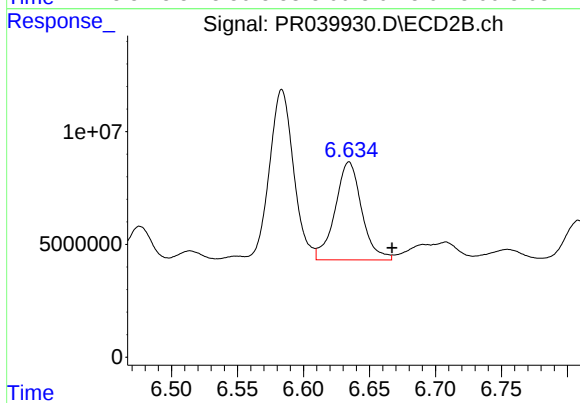
#19 AR-1242-4

R.T.: 5.910 min
Delta R.T.: -0.030 min
Response: 14561713
Conc: 55.61 ng/ml



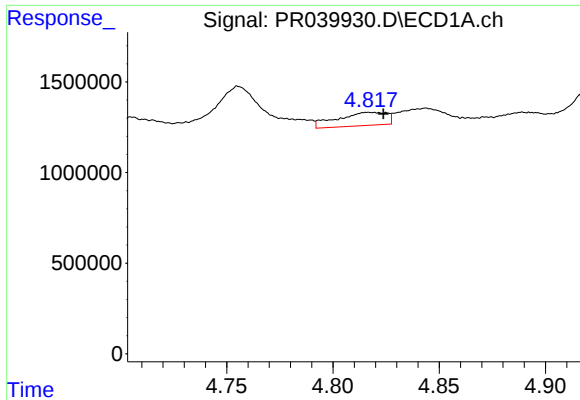
#20 AR-1242-5

R.T.: 5.609 min
Delta R.T.: -0.002 min
Response: 5671031
Conc: 57.09 ng/ml



#20 AR-1242-5

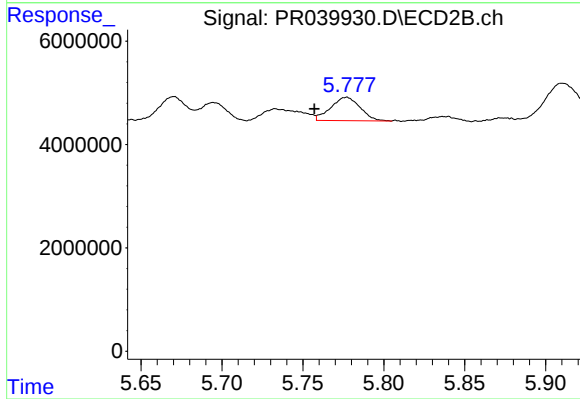
R.T.: 6.634 min
Delta R.T.: -0.033 min
Response: 61031052
Conc: 210.42 ng/ml



#21 AR-1248-1

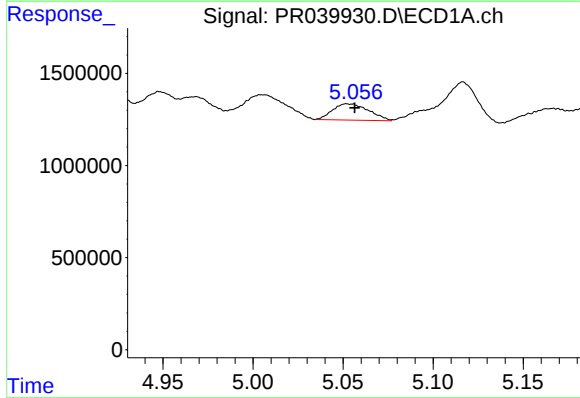
R.T.: 4.816 min
Delta R.T.: -0.007 min
Response: 1192015
Conc: 16.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



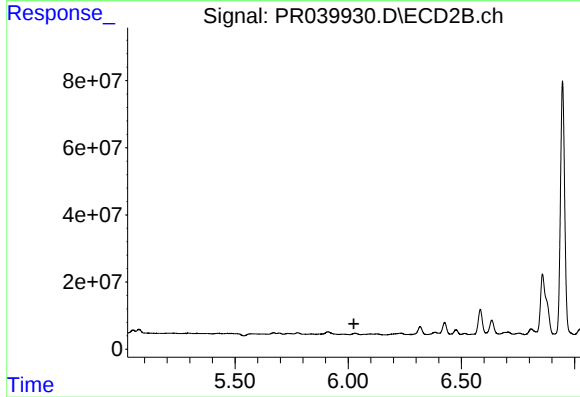
#21 AR-1248-1

R.T.: 5.777 min
Delta R.T.: 0.020 min
Response: 5718818
Conc: 19.98 ng/ml



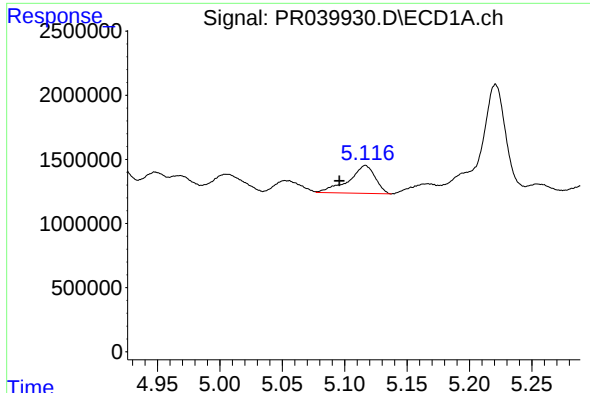
#22 AR-1248-2

R.T.: 5.052 min
Delta R.T.: -0.004 min
Response: 1235158
Conc: 15.79 ng/ml



#22 AR-1248-2

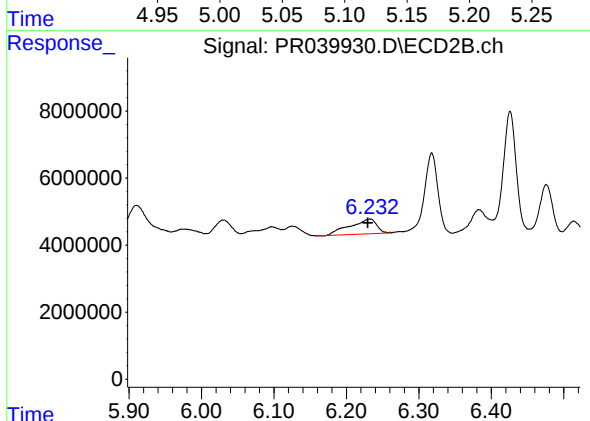
R.T.: 0.000 min
Exp R.T.: 6.025 min
Response: 0
Conc: N.D.



#23 AR-1248-3

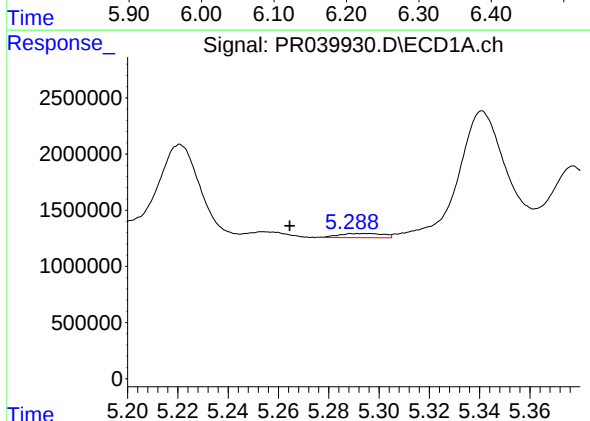
R.T.: 5.117 min
Delta R.T.: 0.021 min
Response: 3210197
Conc: 30.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



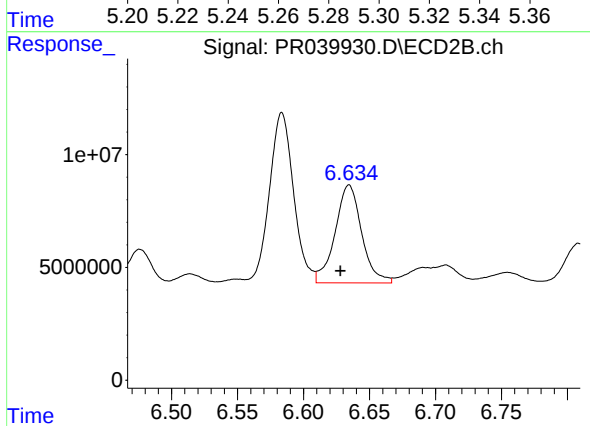
#23 AR-1248-3

R.T.: 6.233 min
Delta R.T.: 0.004 min
Response: 11362024
Conc: 26.07 ng/ml



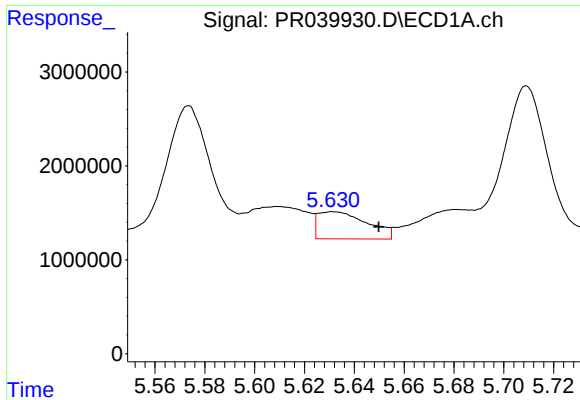
#24 AR-1248-4

R.T.: 5.296 min
Delta R.T.: 0.032 min
Response: 461798
Conc: 3.49 ng/ml



#24 AR-1248-4

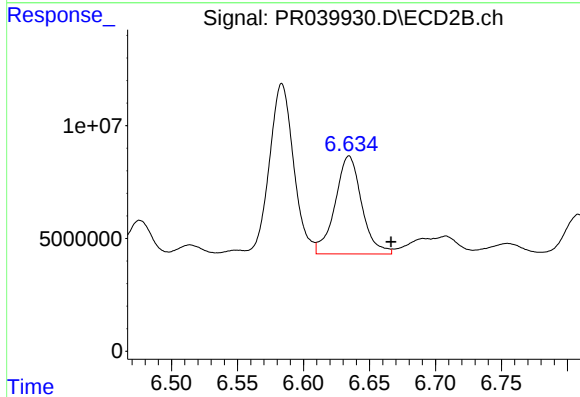
R.T.: 6.634 min
Delta R.T.: 0.007 min
Response: 61031052
Conc: 117.50 ng/ml



#25 AR-1248-5

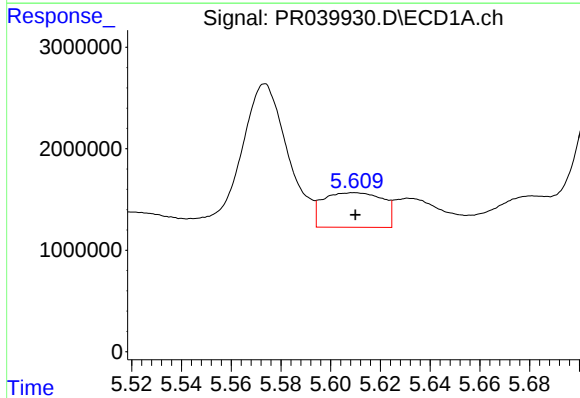
R.T.: 5.631 min
Delta R.T.: -0.019 min
Response: 3977521
Conc: 27.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



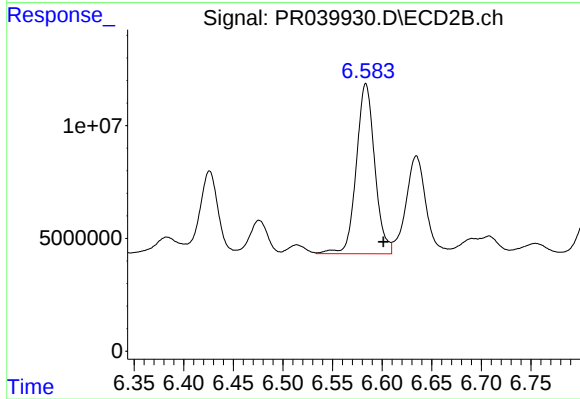
#25 AR-1248-5

R.T.: 6.634 min
Delta R.T.: -0.032 min
Response: 61031052
Conc: 123.81 ng/ml



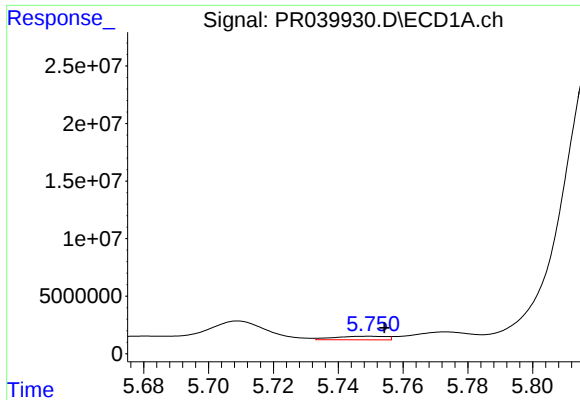
#26 AR-1254-1

R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 5671031
Conc: 36.77 ng/ml



#26 AR-1254-1

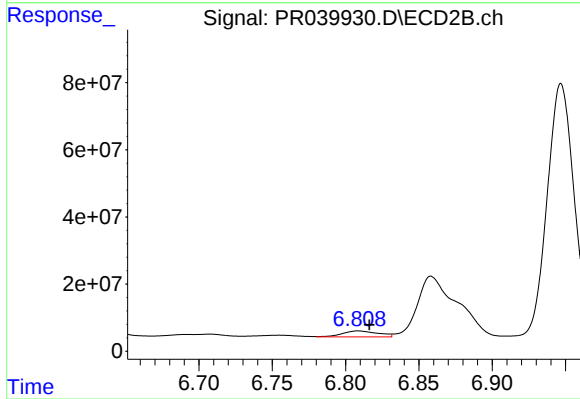
R.T.: 6.584 min
Delta R.T.: -0.018 min
Response: 97516175
Conc: 267.72 ng/ml



#27 AR-1254-2

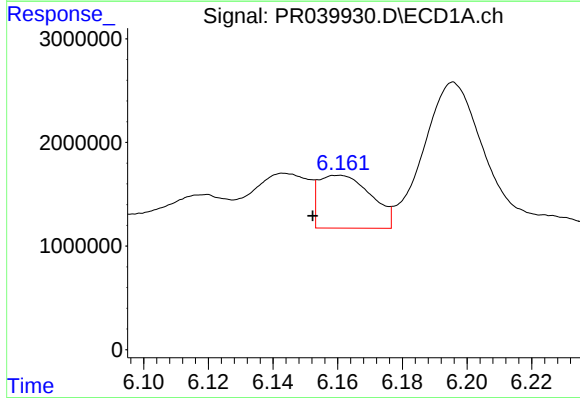
R.T.: 5.749 min
Delta R.T.: -0.005 min
Response: 3454539
Conc: 26.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



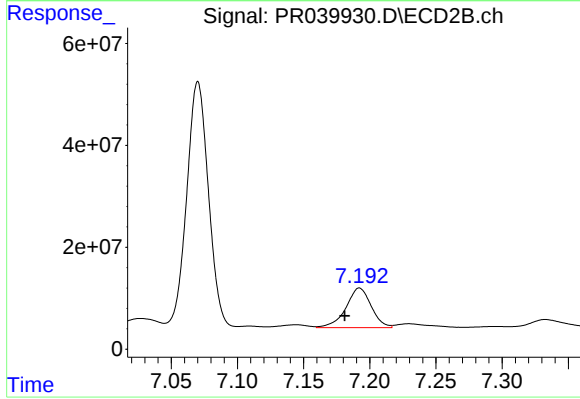
#27 AR-1254-2

R.T.: 6.809 min
Delta R.T.: -0.008 min
Response: 29868753
Conc: 52.29 ng/ml



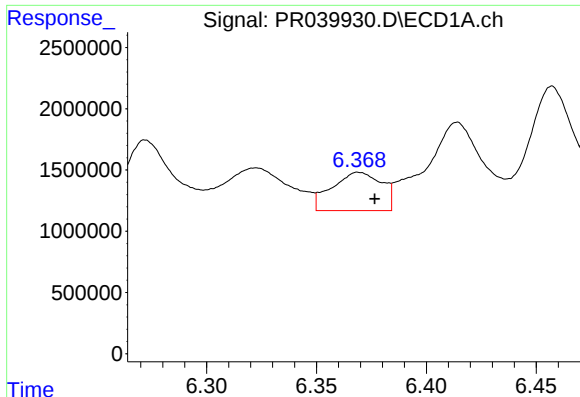
#28 AR-1254-3

R.T.: 6.160 min
Delta R.T.: 0.008 min
Response: 5730743
Conc: 25.65 ng/ml



#28 AR-1254-3

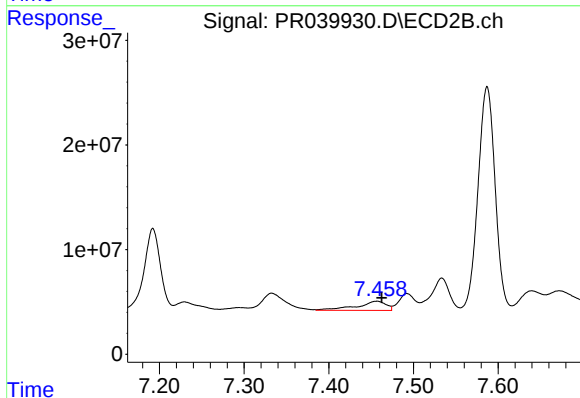
R.T.: 7.192 min
Delta R.T.: 0.011 min
Response: 103503467
Conc: 166.00 ng/ml



#29 AR-1254-4

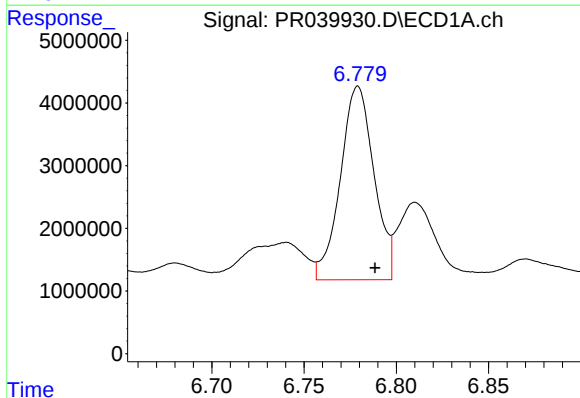
R.T.: 6.369 min
Delta R.T.: -0.007 min
Response: 4920212
Conc: 33.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



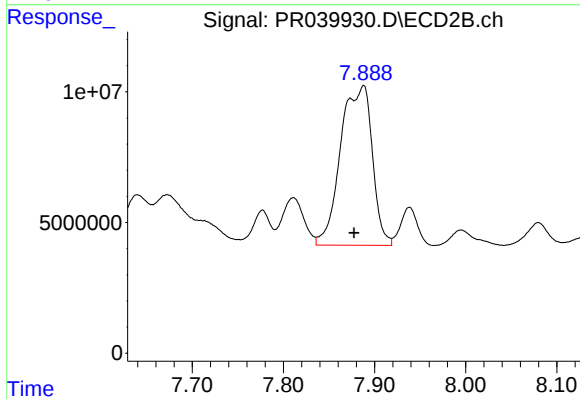
#29 AR-1254-4

R.T.: 7.457 min
Delta R.T.: -0.006 min
Response: 20982652
Conc: 46.33 ng/ml



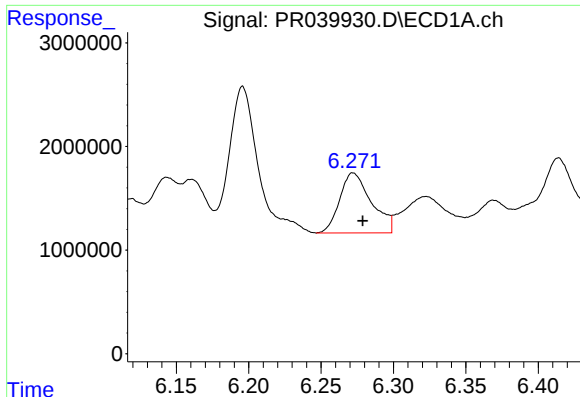
#30 AR-1254-5

R.T.: 6.779 min
Delta R.T.: -0.009 min
Response: 39200319
Conc: 205.87 ng/ml



#30 AR-1254-5

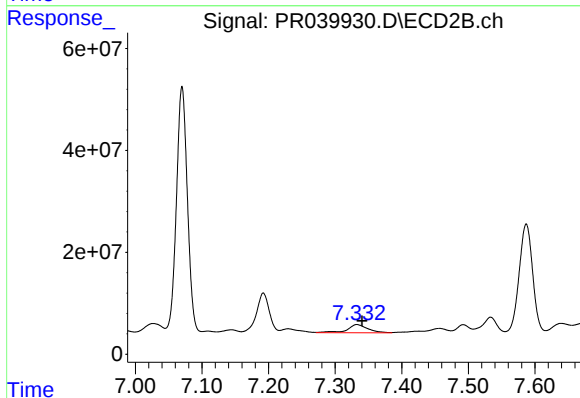
R.T.: 7.888 min
Delta R.T.: 0.011 min
Response: 147234845
Conc: 310.10 ng/ml



#31 AR-1260-1

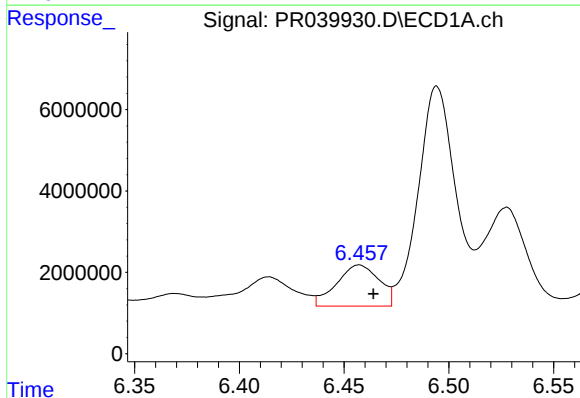
R.T.: 6.272 min
Delta R.T.: -0.007 min
Response: 8831797
Conc: 60.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



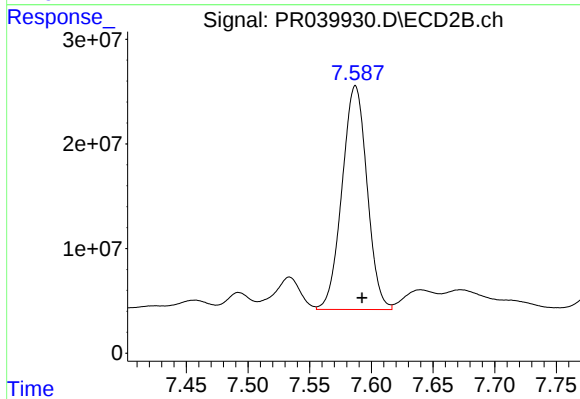
#31 AR-1260-1

R.T.: 7.333 min
Delta R.T.: -0.008 min
Response: 35033147
Conc: 78.95 ng/ml



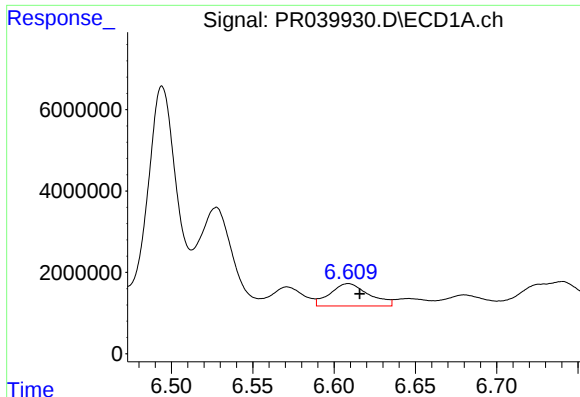
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.007 min
Response: 14269574
Conc: 77.50 ng/ml



#32 AR-1260-2

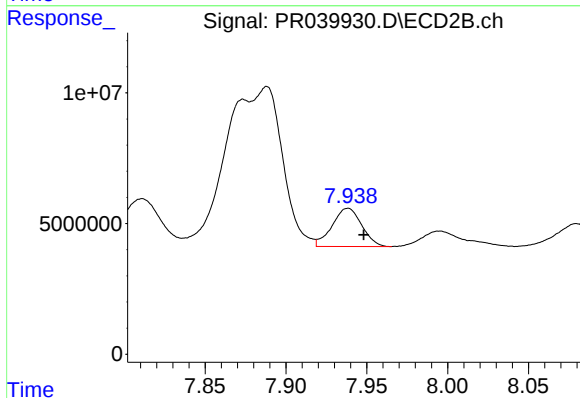
R.T.: 7.587 min
Delta R.T.: -0.006 min
Response: 301736971
Conc: 550.45 ng/ml



#33 AR-1260-3

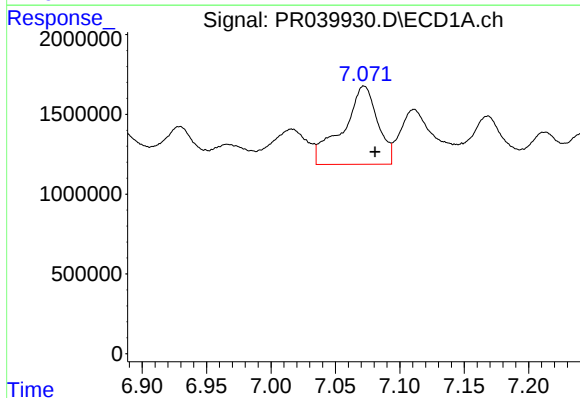
R.T.: 6.609 min
Delta R.T.: -0.007 min
Response: 9129034
Conc: 55.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



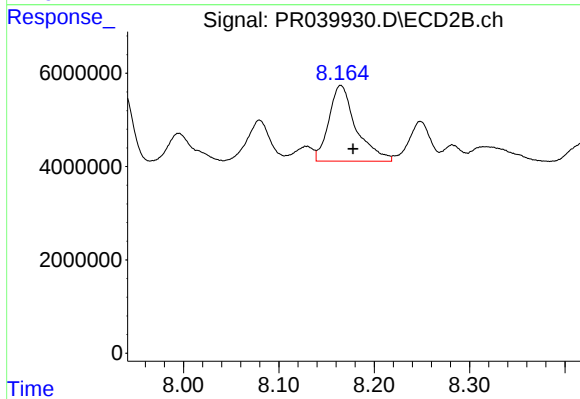
#33 AR-1260-3

R.T.: 7.938 min
Delta R.T.: -0.010 min
Response: 18609270
Conc: 44.39 ng/ml



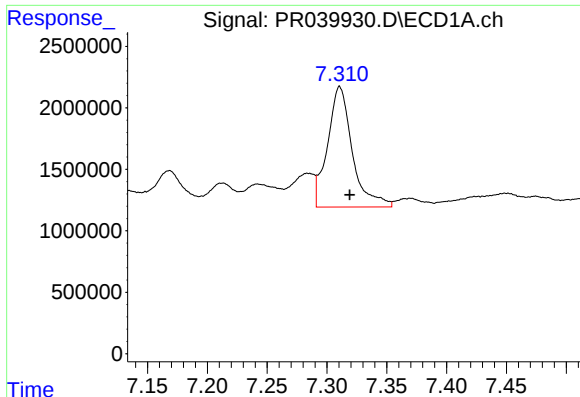
#34 AR-1260-4

R.T.: 7.072 min
Delta R.T.: -0.009 min
Response: 9208054
Conc: 66.24 ng/ml



#34 AR-1260-4

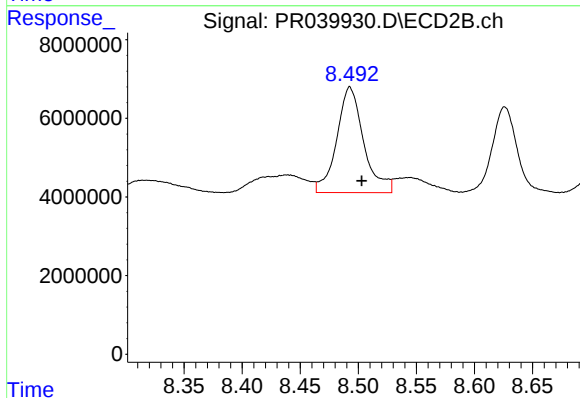
R.T.: 8.165 min
Delta R.T.: -0.013 min
Response: 32308576
Conc: 66.96 ng/ml



#35 AR-1260-5

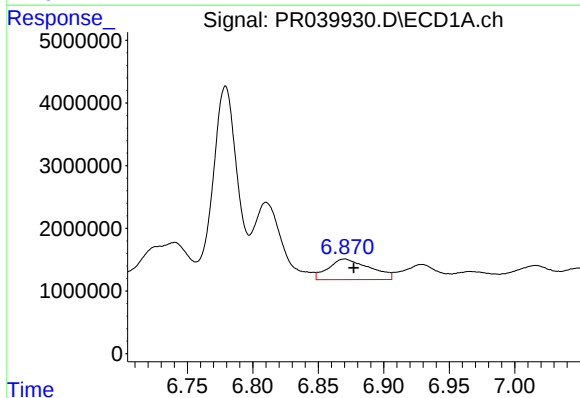
R.T.: 7.311 min
Delta R.T.: -0.008 min
Response: 14091721
Conc: 40.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



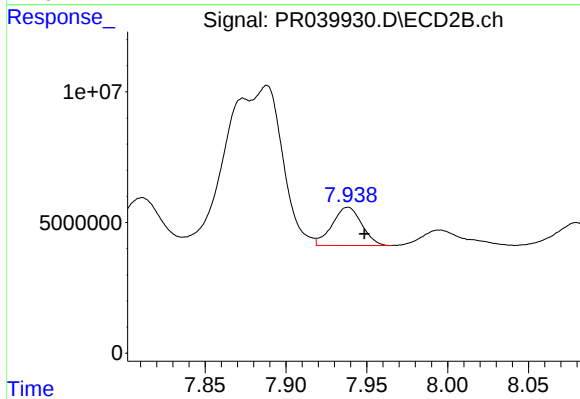
#35 AR-1260-5

R.T.: 8.493 min
Delta R.T.: -0.010 min
Response: 43420829
Conc: 42.33 ng/ml



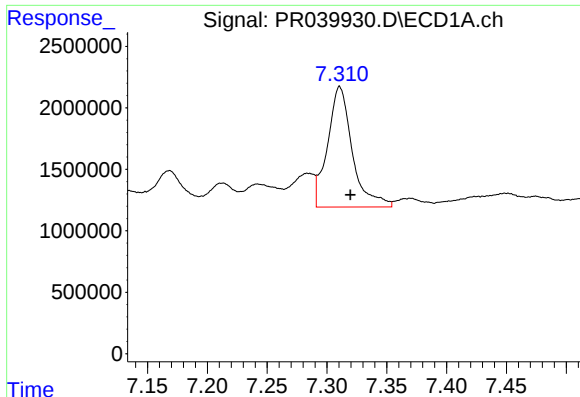
#36 AR-1262-1

R.T.: 6.870 min
Delta R.T.: -0.007 min
Response: 7254941
Conc: 49.41 ng/ml



#36 AR-1262-1

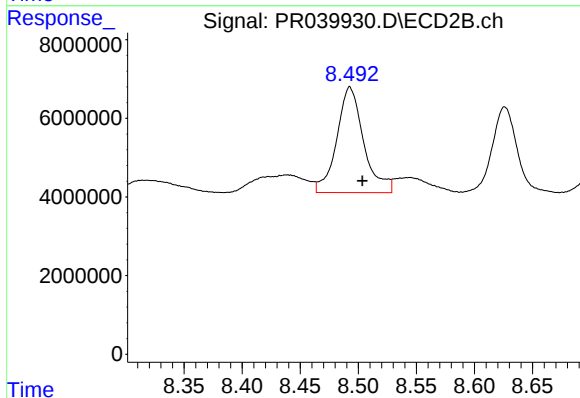
R.T.: 7.938 min
Delta R.T.: -0.010 min
Response: 18609270
Conc: 17.93 ng/ml



#37 AR-1262-2

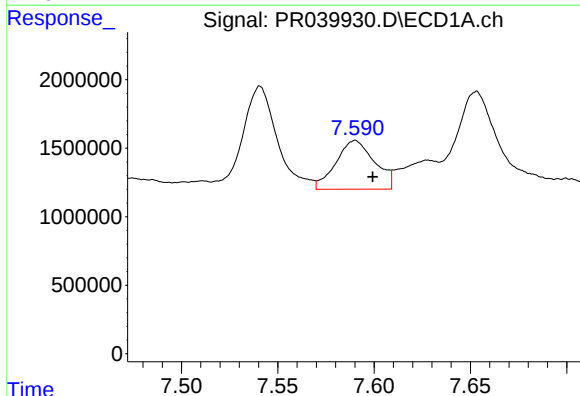
R.T.: 7.311 min
Delta R.T.: -0.009 min
Response: 14091721
Conc: 20.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



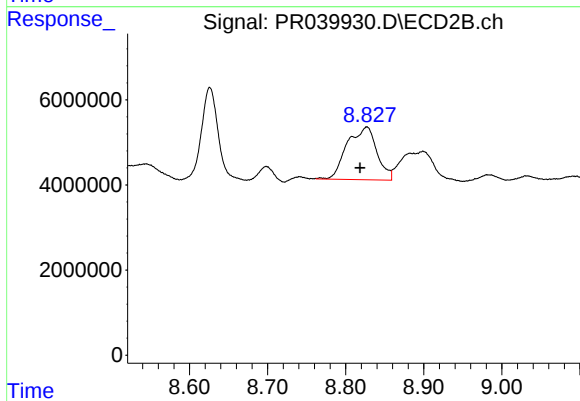
#37 AR-1262-2

R.T.: 8.493 min
Delta R.T.: -0.011 min
Response: 43420829
Conc: 21.55 ng/ml



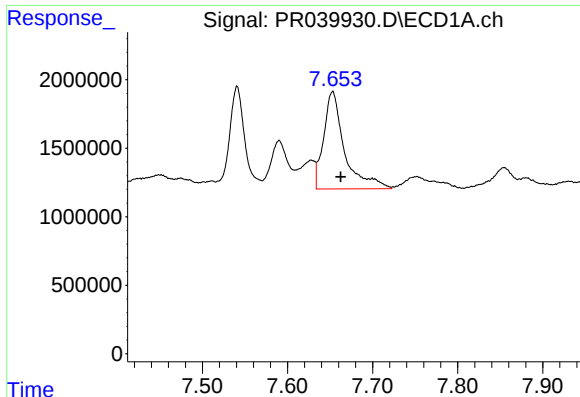
#38 AR-1262-3

R.T.: 7.590 min
Delta R.T.: -0.009 min
Response: 4964442
Conc: 20.90 ng/ml



#38 AR-1262-3

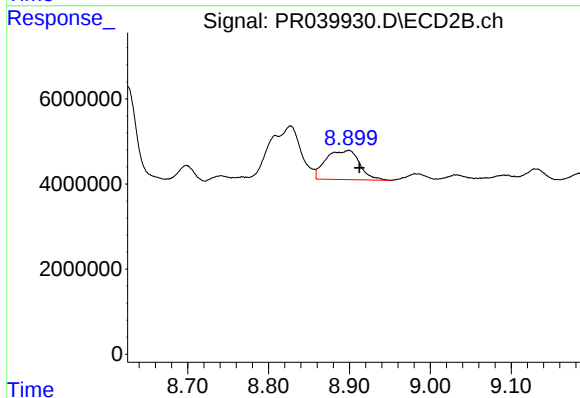
R.T.: 8.827 min
Delta R.T.: 0.009 min
Response: 32775218
Conc: 26.12 ng/ml



#39 AR-1262-4

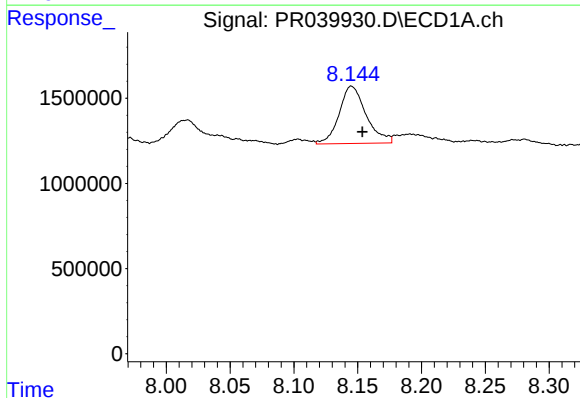
R.T.: 7.653 min
Delta R.T.: -0.009 min
Response: 12167365
Conc: 26.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



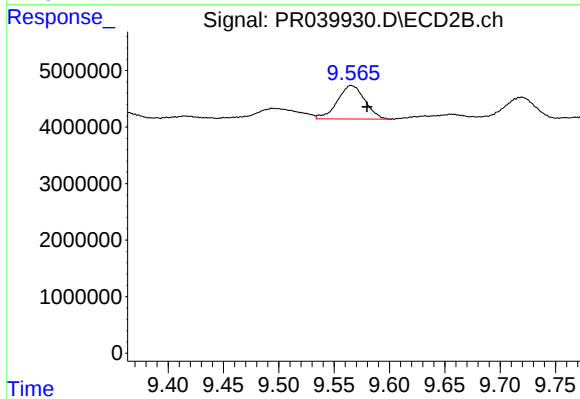
#39 AR-1262-4

R.T.: 8.899 min
Delta R.T.: -0.013 min
Response: 19852997
Conc: 21.03 ng/ml



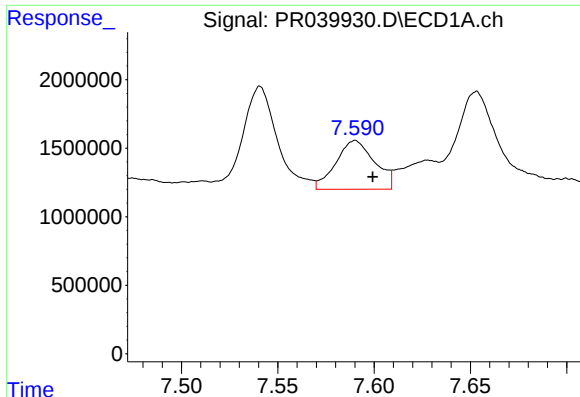
#40 AR-1262-5

R.T.: 8.145 min
Delta R.T.: -0.009 min
Response: 4952131
Conc: 25.47 ng/ml



#40 AR-1262-5

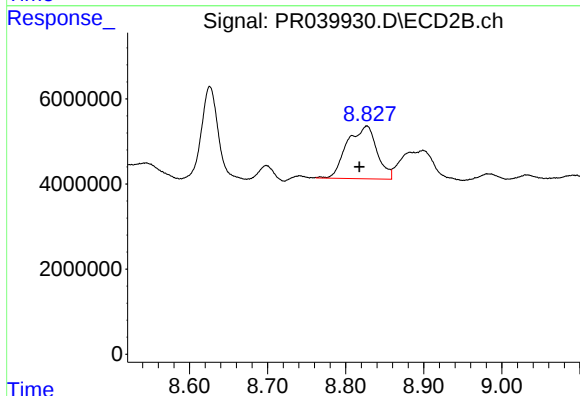
R.T.: 9.565 min
Delta R.T.: -0.014 min
Response: 10275455
Conc: 16.18 ng/ml



#41 AR-1268-1

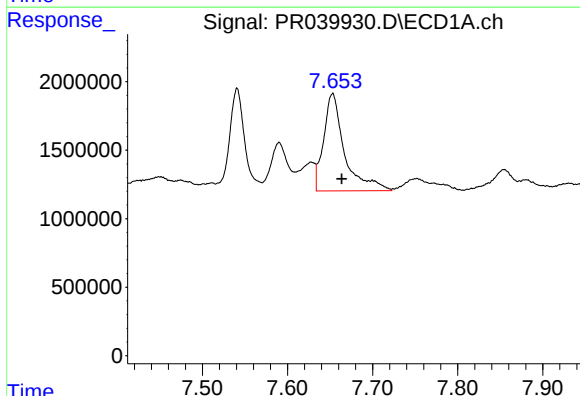
R.T.: 7.590 min
Delta R.T.: -0.009 min
Response: 4964442
Conc: 6.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



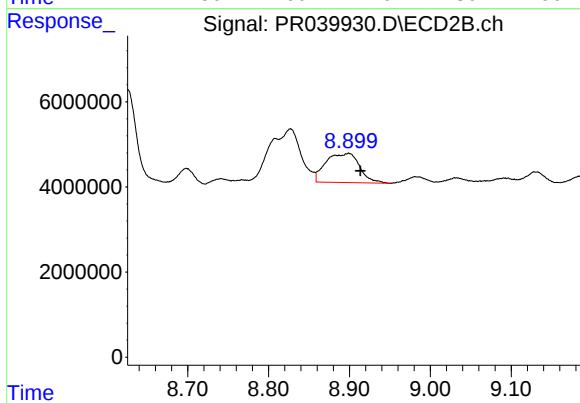
#41 AR-1268-1

R.T.: 8.827 min
Delta R.T.: 0.009 min
Response: 32775218
Conc: 13.81 ng/ml



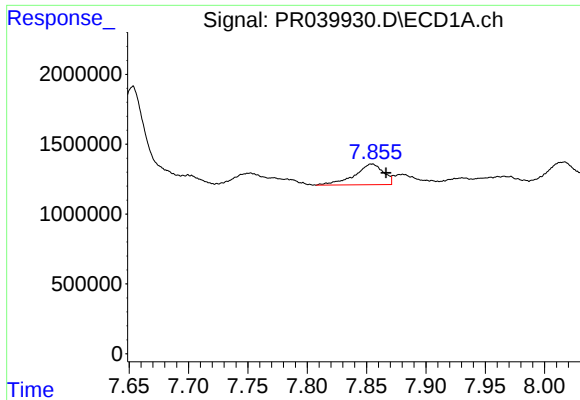
#42 AR-1268-2

R.T.: 7.653 min
Delta R.T.: -0.011 min
Response: 12167365
Conc: 17.33 ng/ml



#42 AR-1268-2

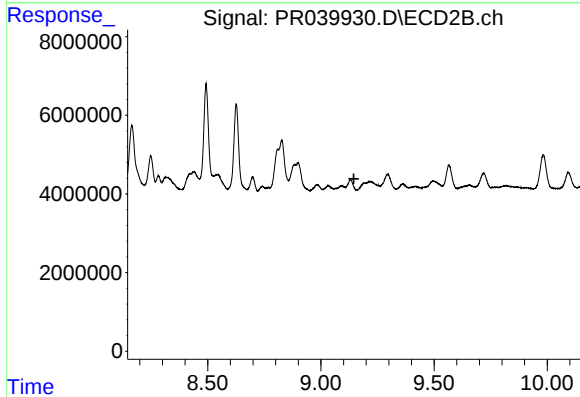
R.T.: 8.899 min
Delta R.T.: -0.014 min
Response: 19852997
Conc: 8.94 ng/ml



#43 AR-1268-3

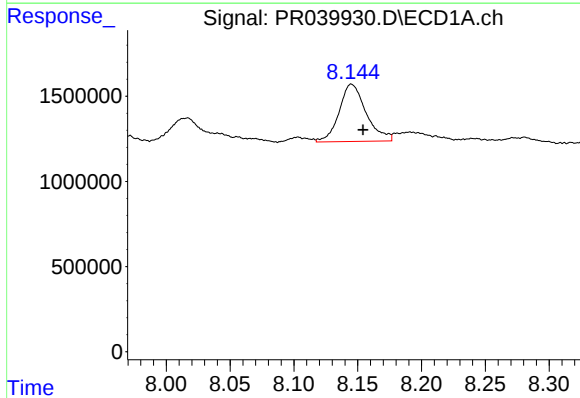
R.T.: 7.854 min
Delta R.T.: -0.012 min
Response: 2495509
Conc: 4.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



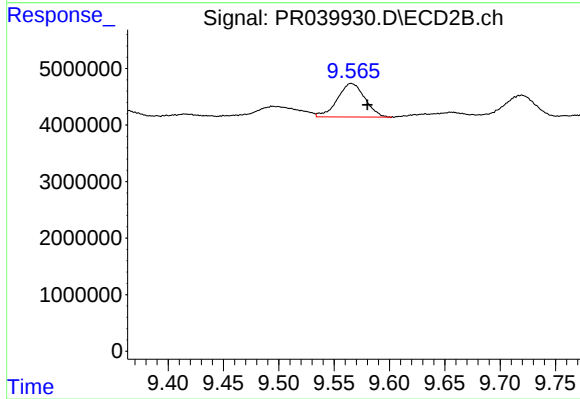
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.146 min
Response: 0
Conc: N.D.



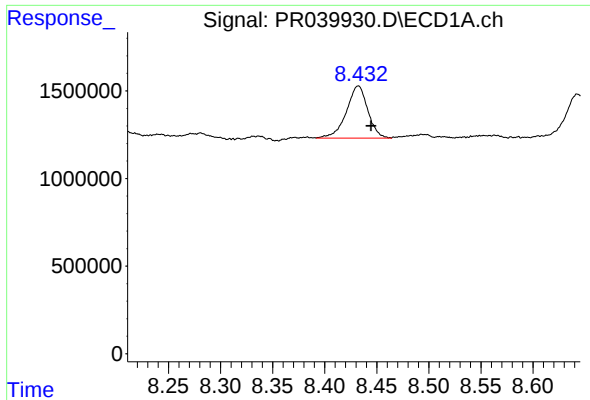
#44 AR-1268-4

R.T.: 8.145 min
Delta R.T.: -0.009 min
Response: 4952131
Conc: 21.49 ng/ml



#44 AR-1268-4

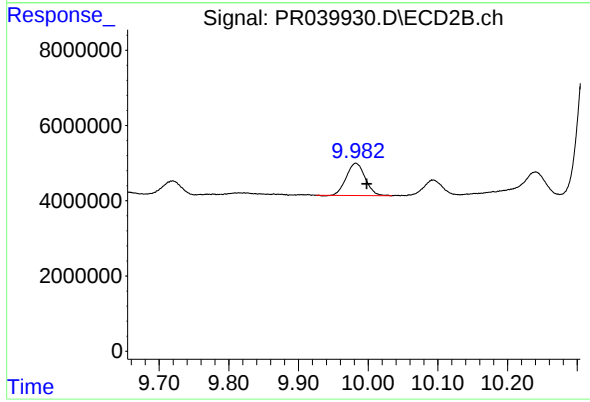
R.T.: 9.565 min
Delta R.T.: -0.015 min
Response: 10275455
Conc: 13.86 ng/ml



#45 AR-1268-5

R.T.: 8.432 min
Delta R.T.: -0.012 min
Response: 4255418
Conc: 2.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 9.982 min
Delta R.T.: -0.016 min
Response: 16280262
Conc: 2.78 ng/ml