

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
 Data File : PR040428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2019 18:00
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 00:00:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 15:16:04 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...	3.750	4.594	35162121	171.1E6	28.615	27.739
2)	SA Decachlor...	8.676	10.312	59468121	254.8E6	20.643	21.950
Target Compounds							
3)	L1 AR-1016-1	4.815	5.748	2150683	22861926	39.954	91.620 #
4)	L1 AR-1016-2	4.832	5.771	3264768	23994011	36.104	61.512 #
5)	L1 AR-1016-3	5.005	5.832	1930654	20356050	43.341	83.108 #
6)	L1 AR-1016-4	5.049	5.930	1904873	18449881	53.300	93.110 #
7)	L1 AR-1016-5	5.254	6.219	1987146	7081468	39.576	36.434
8)	L2 AR-1221-1	3.960	4.793	1285804	12205421	75.615	152.397 #
9)	L2 AR-1221-2	4.043	4.888	1410027	14007663	105.965	223.149 #
10)	L2 AR-1221-3	4.119	4.961	3402756	18748114	80.461	93.579
11)	L3 AR-1232-1	4.119	4.961	3402756	18748114	74.454	90.175
12)	L3 AR-1232-2	4.832	5.484	3264768	38643303	52.662	339.879 #
13)	L3 AR-1232-3	5.005	5.771	1930654	23994011	66.138	94.094 #
14)	L3 AR-1232-4	5.088	5.930	2556976	18449881	98.262	143.208 #
15)	L3 AR-1232-5	5.254	6.014	1987146	8450136	65.751	92.937 #
16)	L4 AR-1242-1	4.815	5.748	2150683	22861926	42.537	94.568 #
17)	L4 AR-1242-2	4.832	5.771	3264768	23994011	38.306	64.719 #
18)	L4 AR-1242-3	5.005	5.832	1930654	20356050	45.422	89.546 #
19)	L4 AR-1242-4	5.088	5.930	2556976	18449881	61.841	97.608 #
20)	L4 AR-1242-5	5.599	6.656	2147238	12105710	34.969	52.603 #
21)	L5 AR-1248-1	4.815	5.748	2150683	22861926	57.191	136.571 #
22)	L5 AR-1248-2	5.049	6.014	1904873	8450136	35.365	34.493
23)	L5 AR-1248-3	5.088	6.219	2556976	7081468	45.709	24.648 #
24)	L5 AR-1248-4	5.254	6.618	1987146	10586062	27.957	29.494
25)	L5 AR-1248-5	5.641	6.656	1497931	12105710	19.381	34.973 #
26)	L6 AR-1254-1	5.599	6.589	2147238	8596882	15.816	21.776 #
27)	L6 AR-1254-2	5.813	6.813	1551986	10351428	13.010	16.373 #
28)	L6 AR-1254-3	0.000	7.171	0	1086670	N.D.	1.504 #
29)	L6 AR-1254-4	0.000	7.451	0	1992129	N.D.	3.628 #
30)	L6 AR-1254-5	0.000	7.864	0	636444	N.D.	1.066 #
31)	L7 AR-1260-1	0.000	7.336	0	524933	N.D.	1.275 #
32)	L7 AR-1260-2	6.447	7.588	274990	3928436	1.892	7.730 #
35)	L7 AR-1260-5	0.000	8.494	0	139478	N.D.	0.134 #
37)	L8 AR-1262-2	0.000	8.494	0	139478	N.D.	0.117 #
38)	L8 AR-1262-3	0.000	8.808	0	380522	N.D.	0.470 #
41)	L9 AR-1268-1	0.000	8.808	0	380522	N.D.	0.291 #
43)	L9 AR-1268-3	7.851	9.131	1030241	6510240	3.602	6.171 #
45)	L9 AR-1268-5	0.000	9.978	0	3199760	N.D.	0.811 #

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

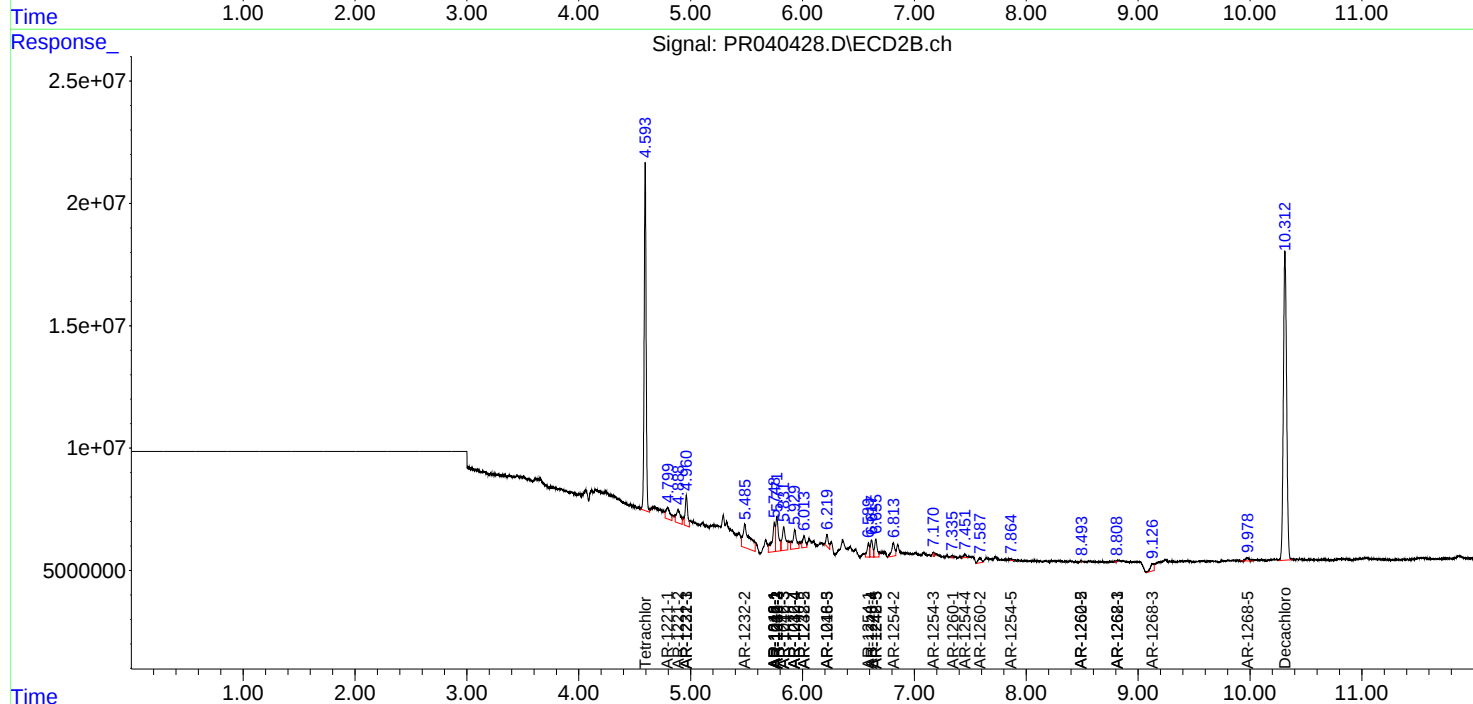
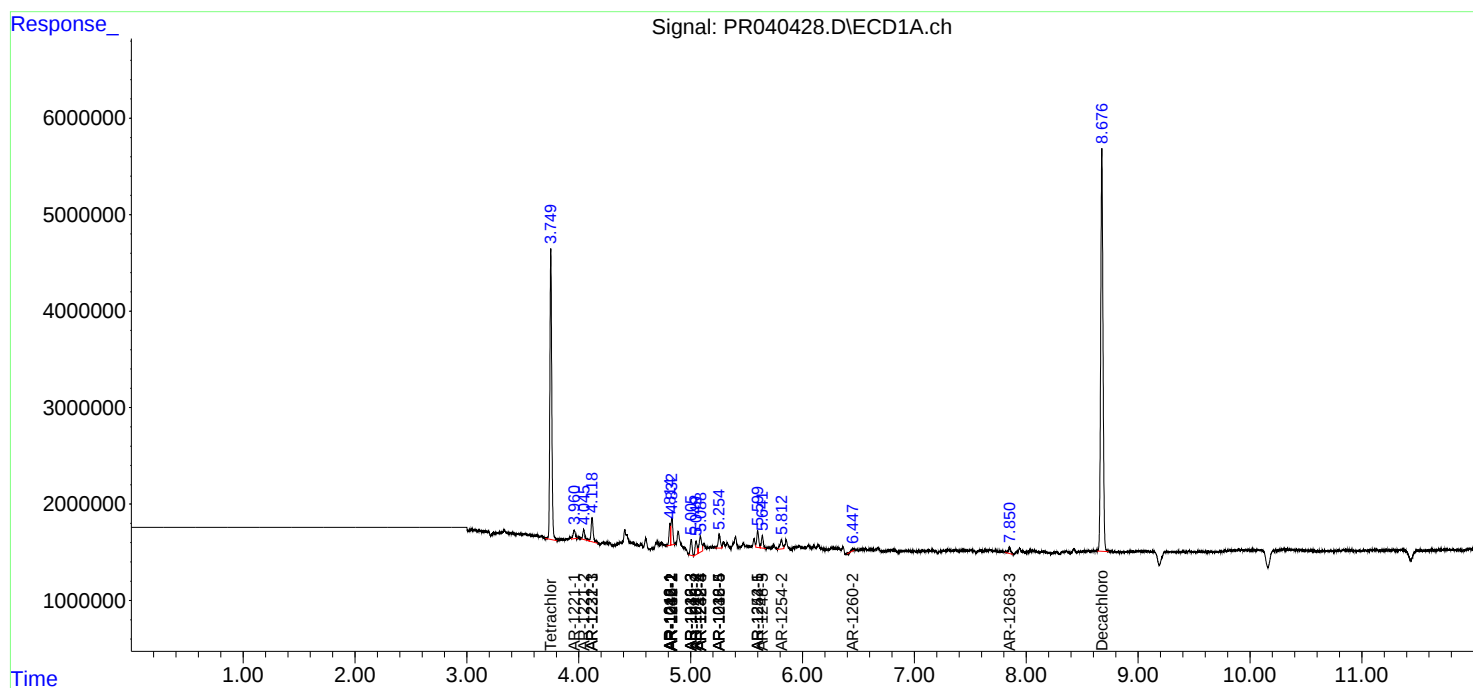
Instrument :
ECD_R
ClientSampleId :

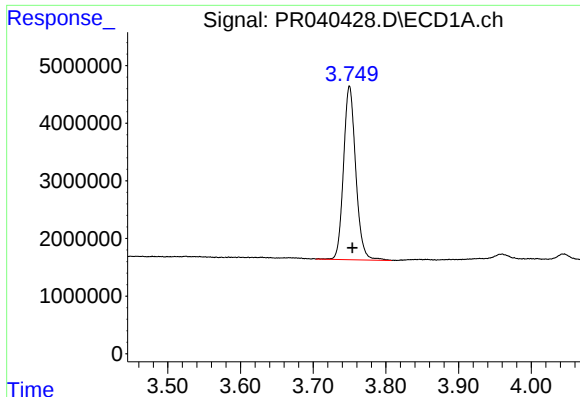
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
Data File : PR040428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2019 18:00
Operator : SM\AJ
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Instrument :
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ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 17 00:00:42 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 15 15:16:04 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

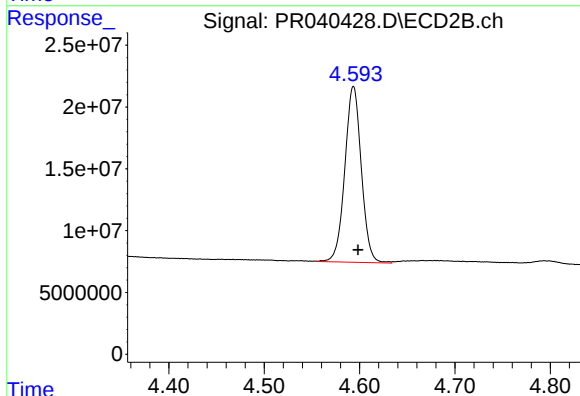




#1 Tetrachloro-m-xylene

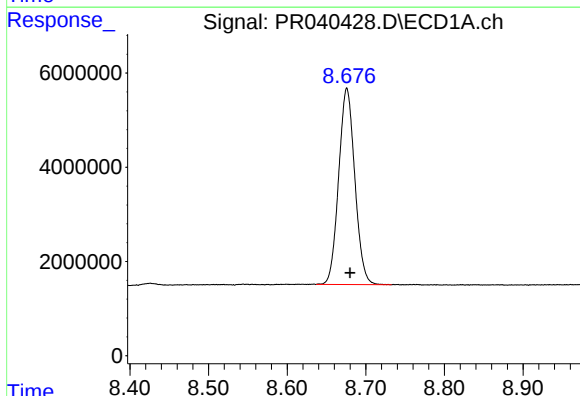
R.T.: 3.750 min
Delta R.T.: -0.004 min
Response: 35162121
Conc: 28.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



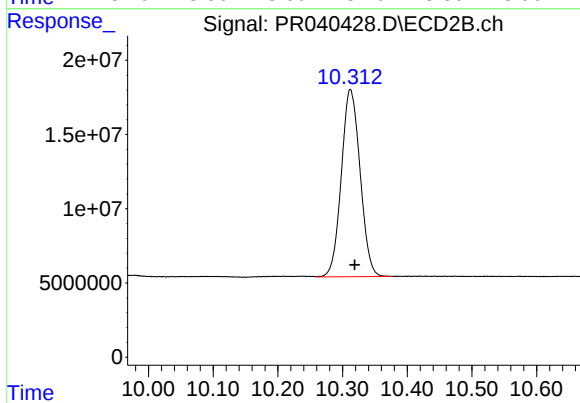
#1 Tetrachloro-m-xylene

R.T.: 4.594 min
Delta R.T.: -0.005 min
Response: 171084044
Conc: 27.74 ng/ml



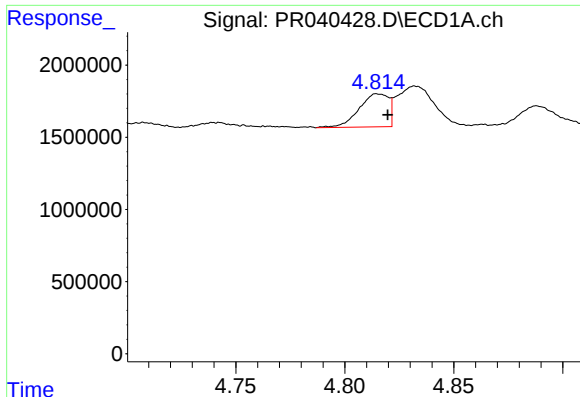
#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.004 min
Response: 59468121
Conc: 20.64 ng/ml



#2 Decachlorobiphenyl

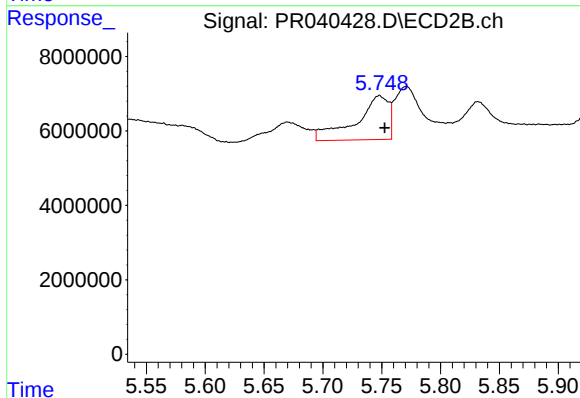
R.T.: 10.312 min
Delta R.T.: -0.007 min
Response: 254762469
Conc: 21.95 ng/ml



#3 AR-1016-1

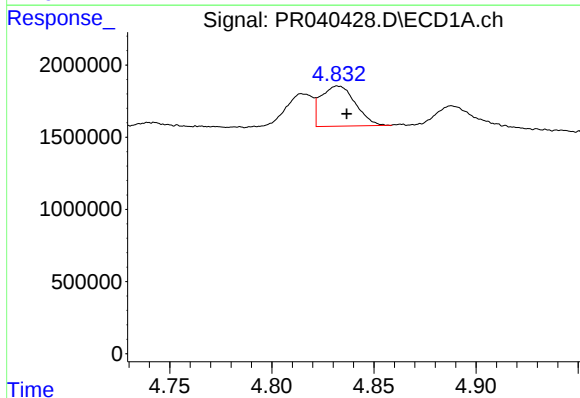
R.T.: 4.815 min
Delta R.T.: -0.005 min
Response: 2150683
Conc: 39.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



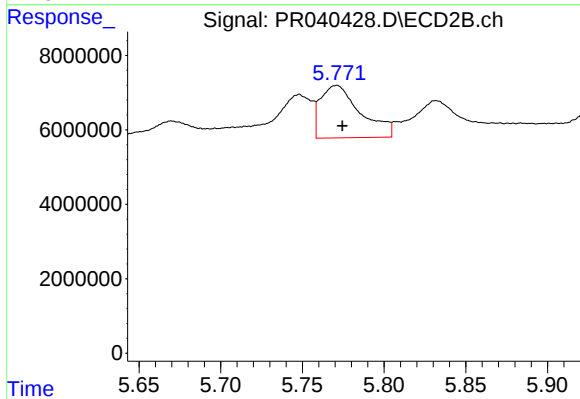
#3 AR-1016-1

R.T.: 5.748 min
Delta R.T.: -0.004 min
Response: 22861926
Conc: 91.62 ng/ml



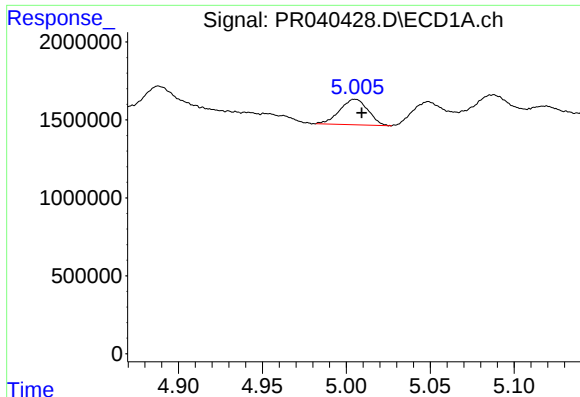
#4 AR-1016-2

R.T.: 4.832 min
Delta R.T.: -0.005 min
Response: 3264768
Conc: 36.10 ng/ml



#4 AR-1016-2

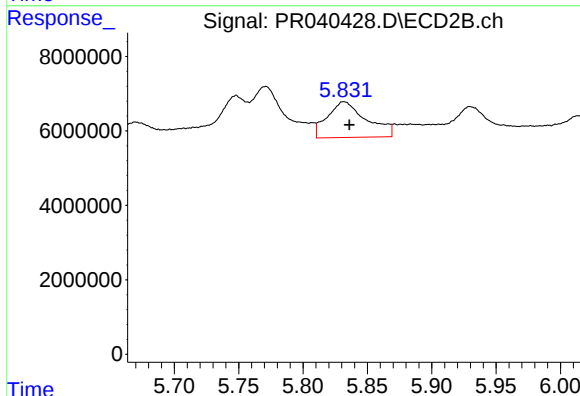
R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 23994011
Conc: 61.51 ng/ml



#5 AR-1016-3

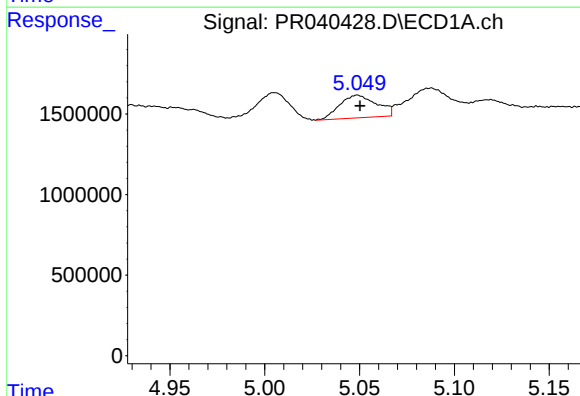
R.T.: 5.005 min
Delta R.T.: -0.004 min
Response: 1930654
Conc: 43.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



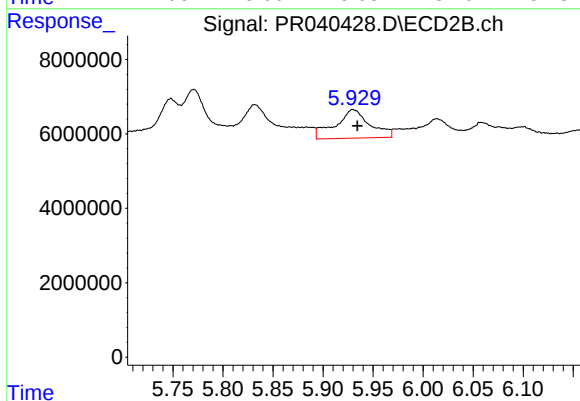
#5 AR-1016-3

R.T.: 5.832 min
Delta R.T.: -0.004 min
Response: 20356050
Conc: 83.11 ng/ml



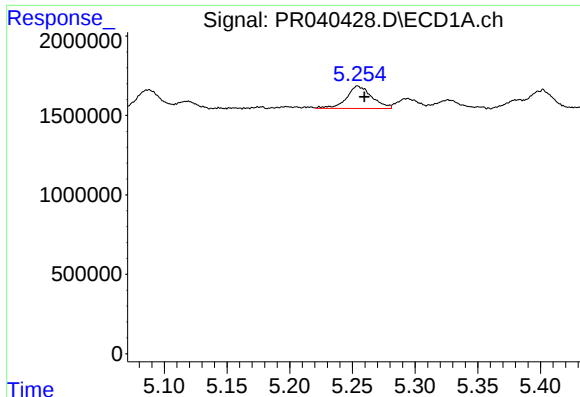
#6 AR-1016-4

R.T.: 5.049 min
Delta R.T.: -0.001 min
Response: 1904873
Conc: 53.30 ng/ml



#6 AR-1016-4

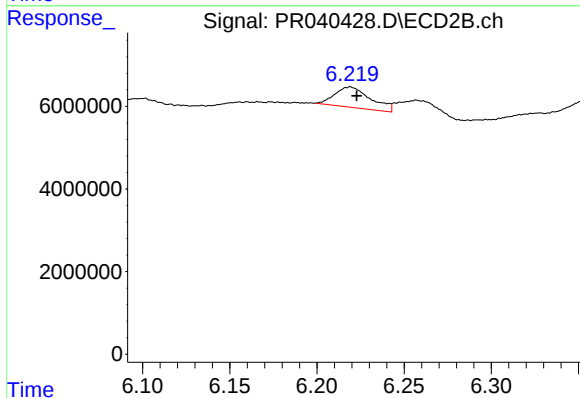
R.T.: 5.930 min
Delta R.T.: -0.005 min
Response: 18449881
Conc: 93.11 ng/ml



#7 AR-1016-5

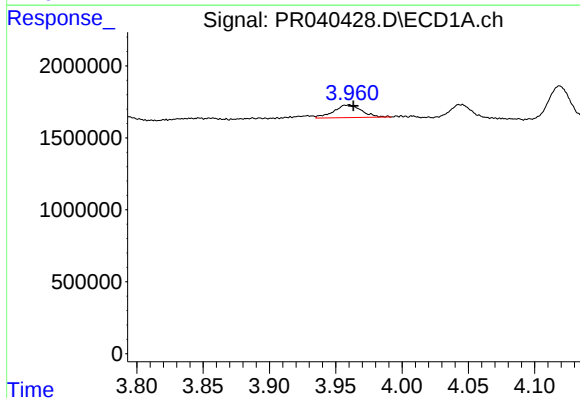
R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 1987146
Conc: 39.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



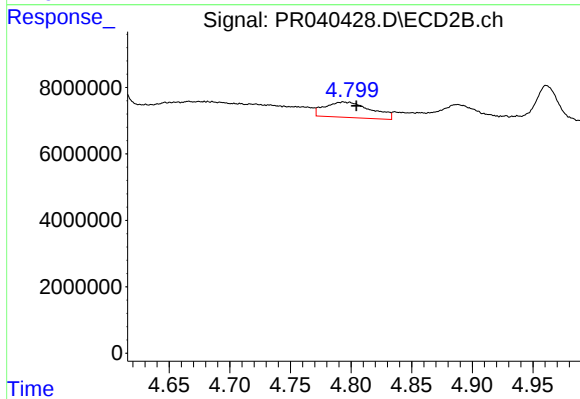
#7 AR-1016-5

R.T.: 6.219 min
Delta R.T.: -0.004 min
Response: 7081468
Conc: 36.43 ng/ml



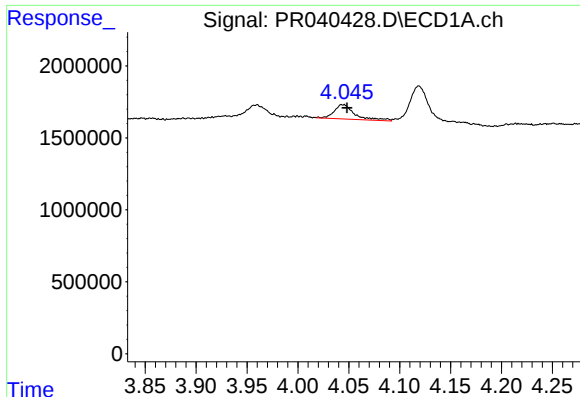
#8 AR-1221-1

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 1285804
Conc: 75.61 ng/ml



#8 AR-1221-1

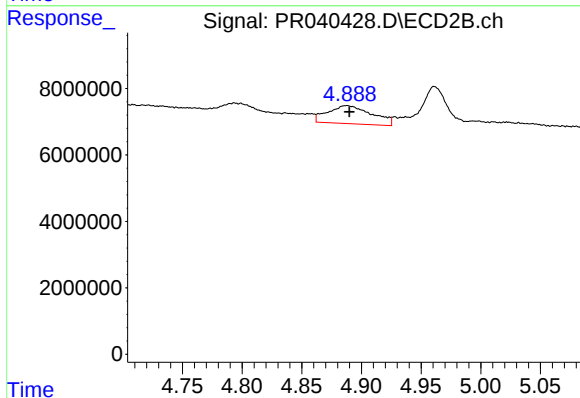
R.T.: 4.793 min
Delta R.T.: -0.011 min
Response: 12205421
Conc: 152.40 ng/ml



#9 AR-1221-2

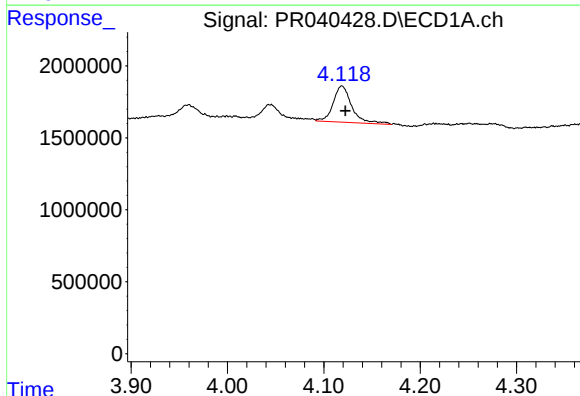
R.T.: 4.043 min
Delta R.T.: -0.005 min
Response: 1410027
Conc: 105.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



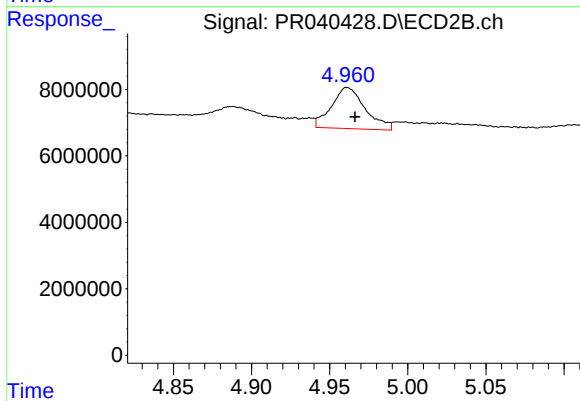
#9 AR-1221-2

R.T.: 4.888 min
Delta R.T.: -0.002 min
Response: 14007663
Conc: 223.15 ng/ml



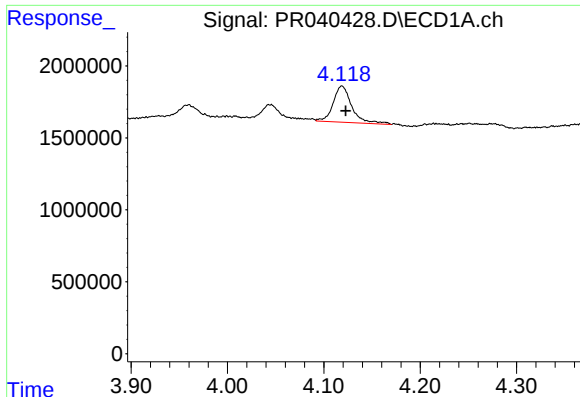
#10 AR-1221-3

R.T.: 4.119 min
Delta R.T.: -0.004 min
Response: 3402756
Conc: 80.46 ng/ml



#10 AR-1221-3

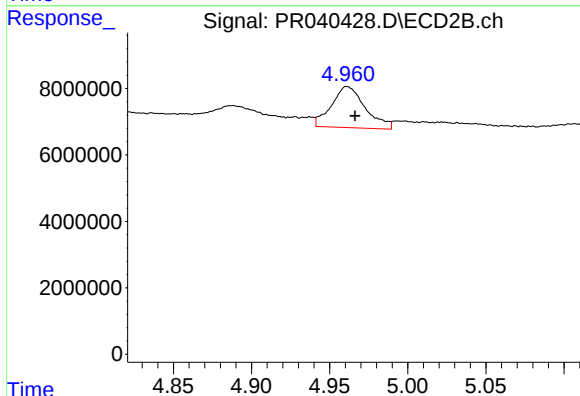
R.T.: 4.961 min
Delta R.T.: -0.005 min
Response: 18748114
Conc: 93.58 ng/ml



#11 AR-1232-1

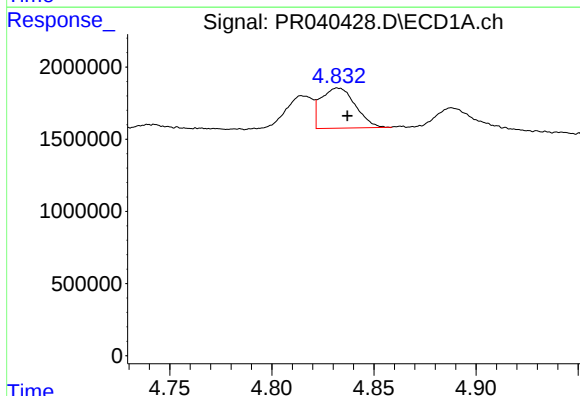
R.T.: 4.119 min
Delta R.T.: -0.004 min
Response: 3402756
Conc: 74.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



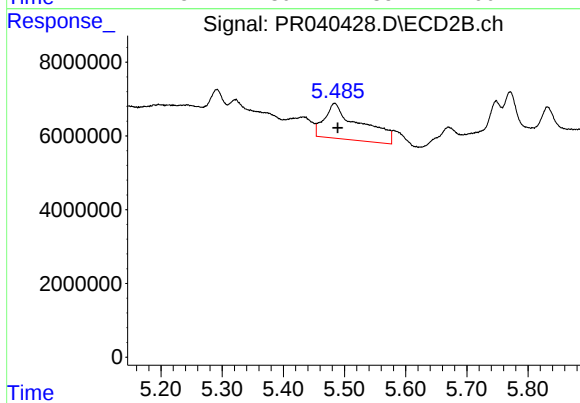
#11 AR-1232-1

R.T.: 4.961 min
Delta R.T.: -0.005 min
Response: 18748114
Conc: 90.17 ng/ml



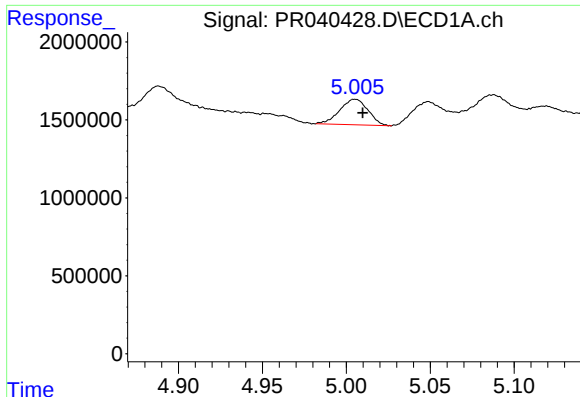
#12 AR-1232-2

R.T.: 4.832 min
Delta R.T.: -0.005 min
Response: 3264768
Conc: 52.66 ng/ml



#12 AR-1232-2

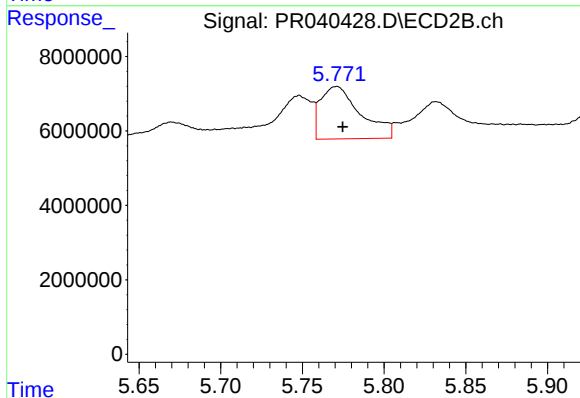
R.T.: 5.484 min
Delta R.T.: -0.005 min
Response: 38643303
Conc: 339.88 ng/ml



#13 AR-1232-3

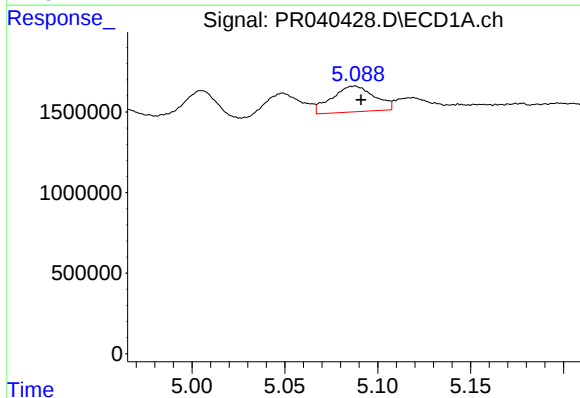
R.T.: 5.005 min
Delta R.T.: -0.005 min
Response: 1930654
Conc: 66.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



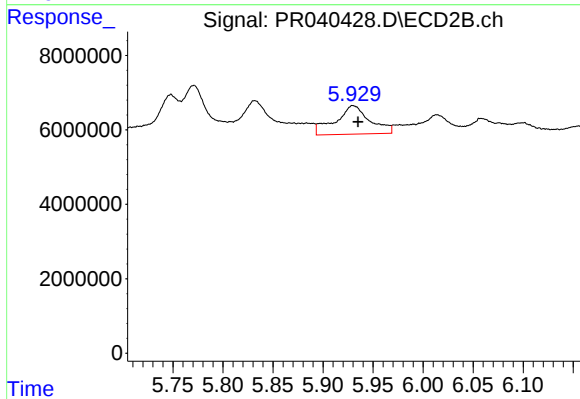
#13 AR-1232-3

R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 23994011
Conc: 94.09 ng/ml



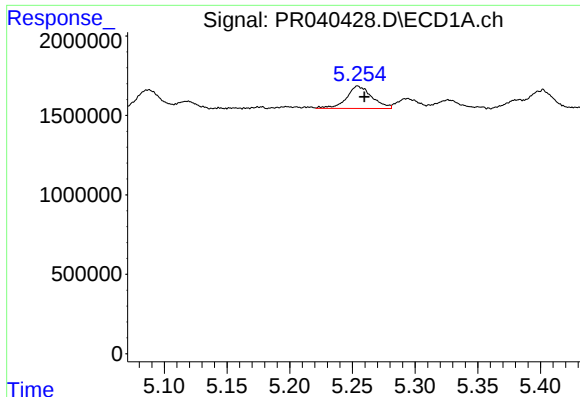
#14 AR-1232-4

R.T.: 5.088 min
Delta R.T.: -0.003 min
Response: 2556976
Conc: 98.26 ng/ml



#14 AR-1232-4

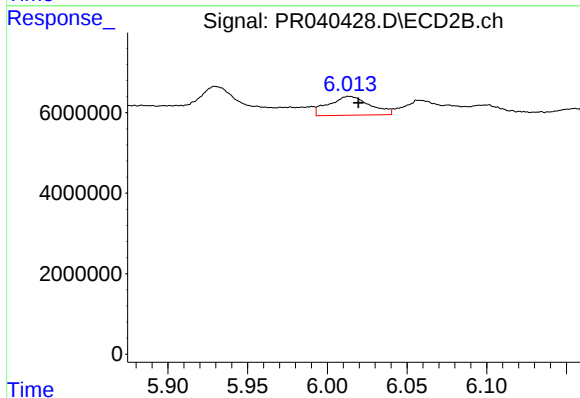
R.T.: 5.930 min
Delta R.T.: -0.005 min
Response: 18449881
Conc: 143.21 ng/ml



#15 AR-1232-5

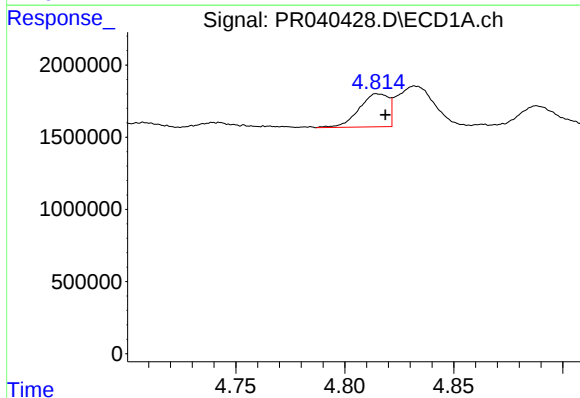
R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 1987146
Conc: 65.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



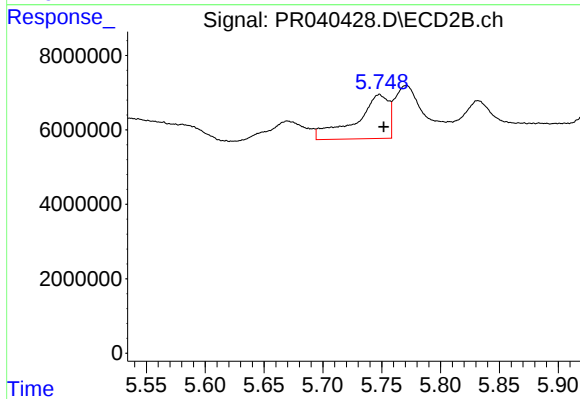
#15 AR-1232-5

R.T.: 6.014 min
Delta R.T.: -0.006 min
Response: 8450136
Conc: 92.94 ng/ml



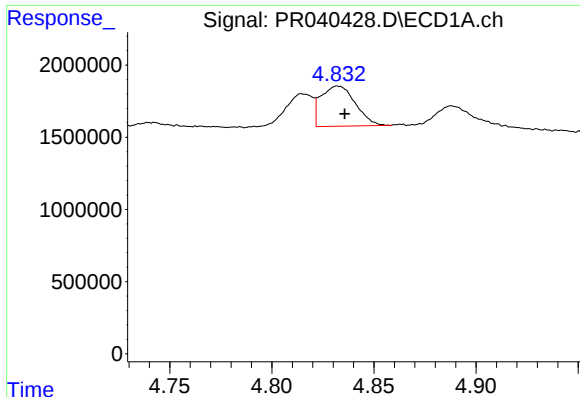
#16 AR-1242-1

R.T.: 4.815 min
Delta R.T.: -0.004 min
Response: 2150683
Conc: 42.54 ng/ml



#16 AR-1242-1

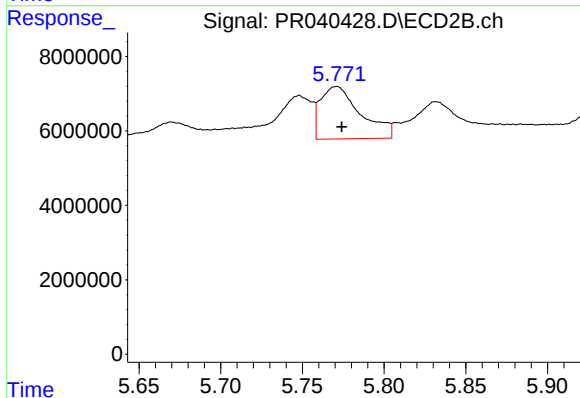
R.T.: 5.748 min
Delta R.T.: -0.003 min
Response: 22861926
Conc: 94.57 ng/ml



#17 AR-1242-2

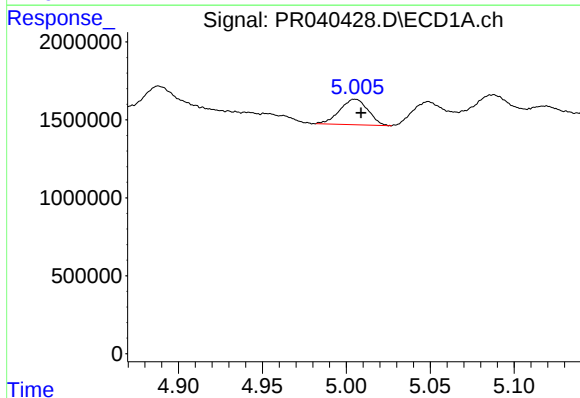
R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 3264768
Conc: 38.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



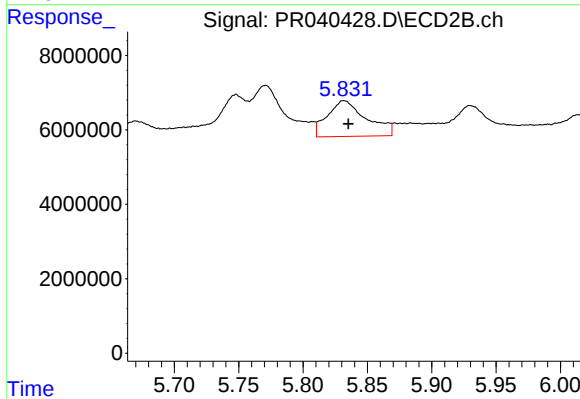
#17 AR-1242-2

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 23994011
Conc: 64.72 ng/ml



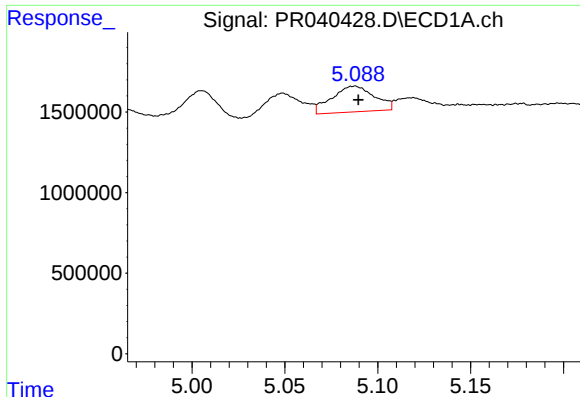
#18 AR-1242-3

R.T.: 5.005 min
Delta R.T.: -0.004 min
Response: 1930654
Conc: 45.42 ng/ml



#18 AR-1242-3

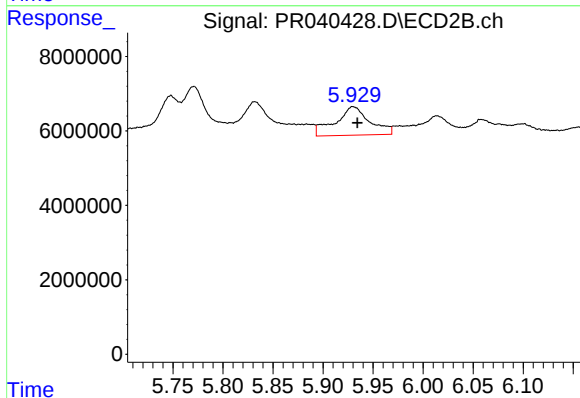
R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 20356050
Conc: 89.55 ng/ml



#19 AR-1242-4

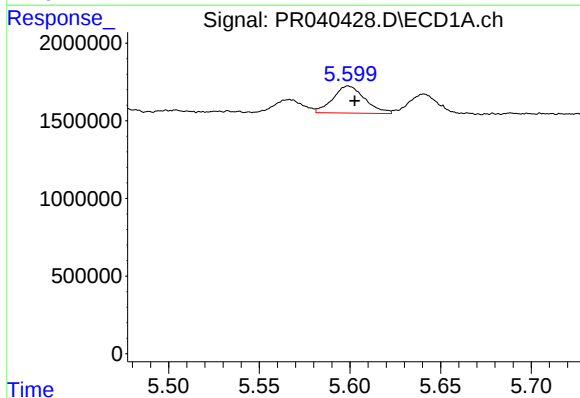
R.T.: 5.088 min
Delta R.T.: -0.002 min
Response: 2556976
Conc: 61.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



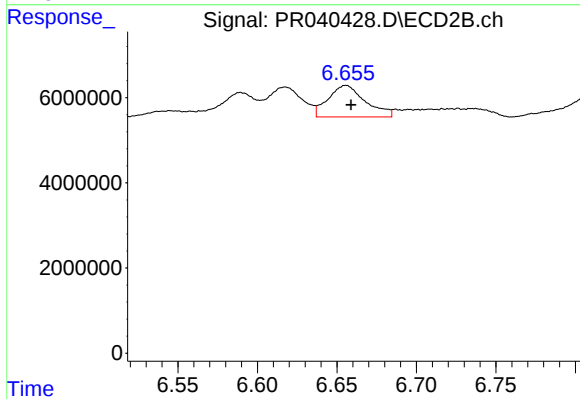
#19 AR-1242-4

R.T.: 5.930 min
Delta R.T.: -0.005 min
Response: 18449881
Conc: 97.61 ng/ml



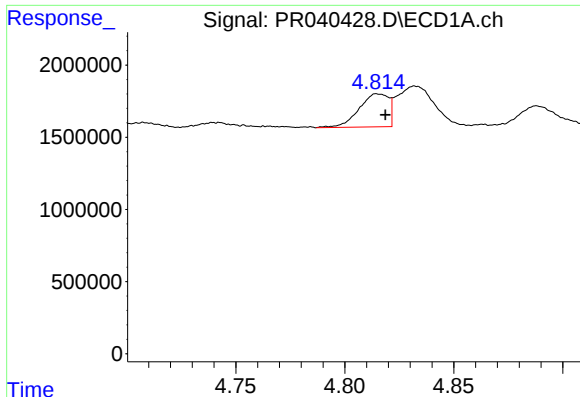
#20 AR-1242-5

R.T.: 5.599 min
Delta R.T.: -0.004 min
Response: 2147238
Conc: 34.97 ng/ml



#20 AR-1242-5

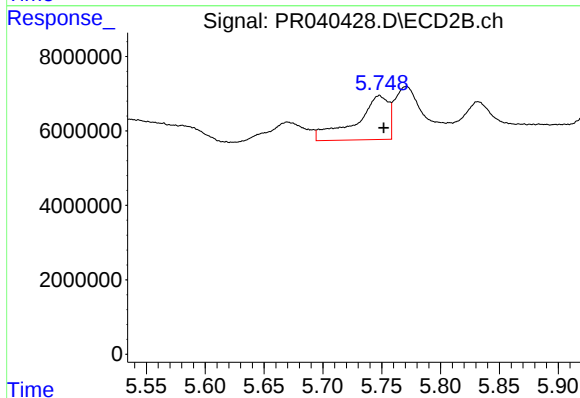
R.T.: 6.656 min
Delta R.T.: -0.003 min
Response: 12105710
Conc: 52.60 ng/ml



#21 AR-1248-1

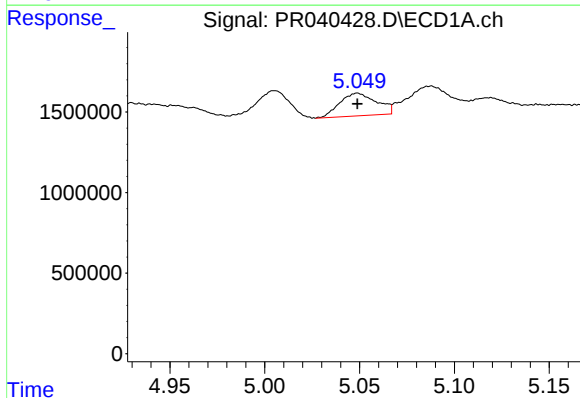
R.T.: 4.815 min
Delta R.T.: -0.004 min
Response: 2150683
Conc: 57.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



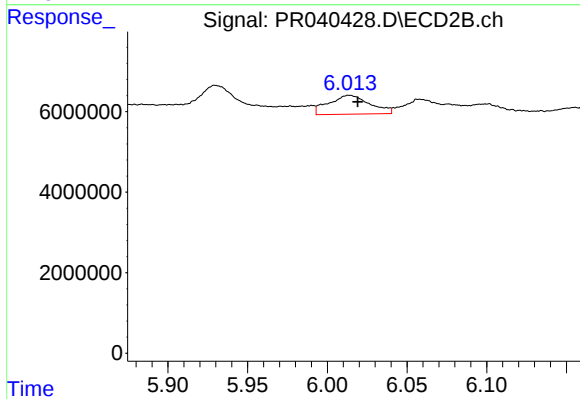
#21 AR-1248-1

R.T.: 5.748 min
Delta R.T.: -0.004 min
Response: 22861926
Conc: 136.57 ng/ml



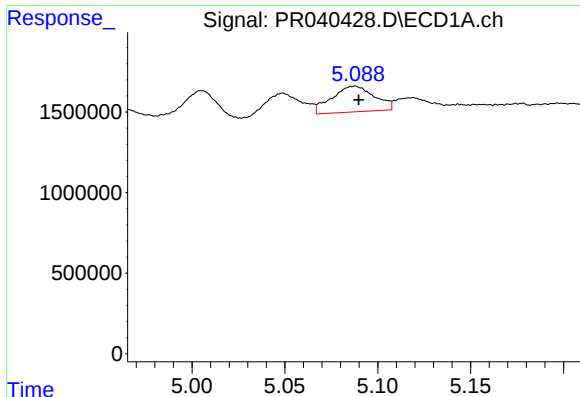
#22 AR-1248-2

R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 1904873
Conc: 35.37 ng/ml



#22 AR-1248-2

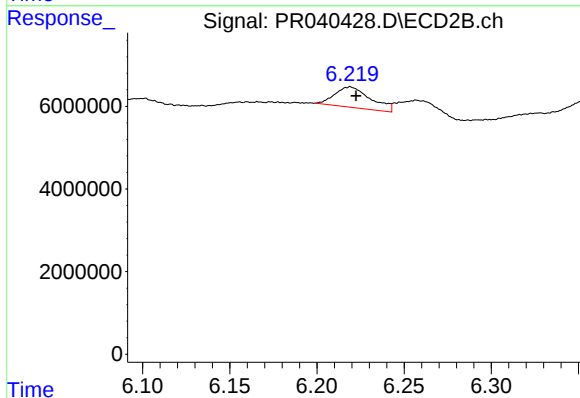
R.T.: 6.014 min
Delta R.T.: -0.005 min
Response: 8450136
Conc: 34.49 ng/ml



#23 AR-1248-3

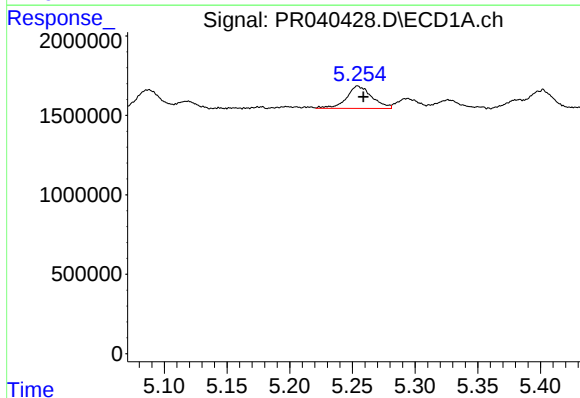
R.T.: 5.088 min
Delta R.T.: -0.002 min
Response: 2556976
Conc: 45.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



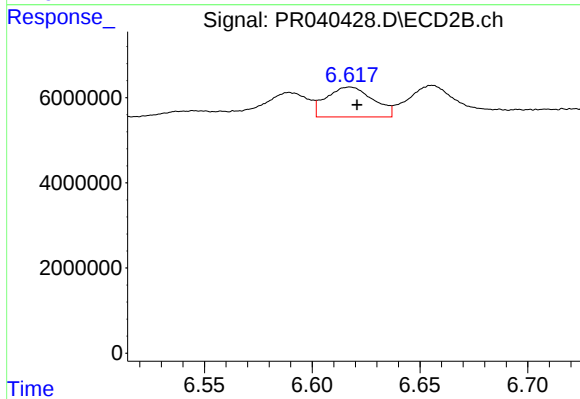
#23 AR-1248-3

R.T.: 6.219 min
Delta R.T.: -0.003 min
Response: 7081468
Conc: 24.65 ng/ml



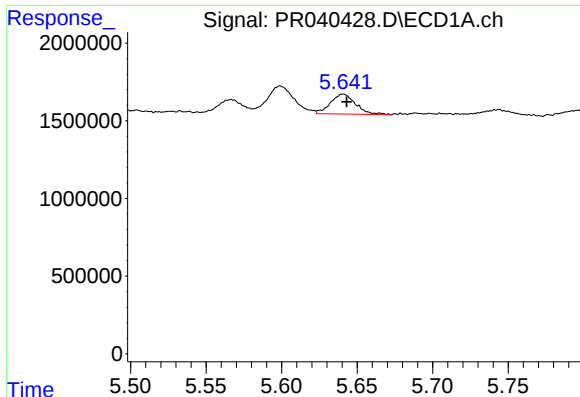
#24 AR-1248-4

R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 1987146
Conc: 27.96 ng/ml



#24 AR-1248-4

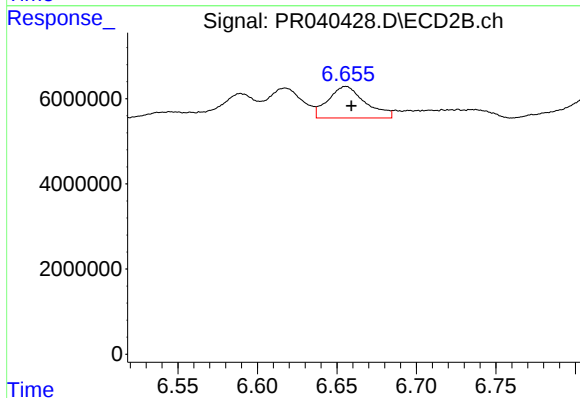
R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 10586062
Conc: 29.49 ng/ml



#25 AR-1248-5

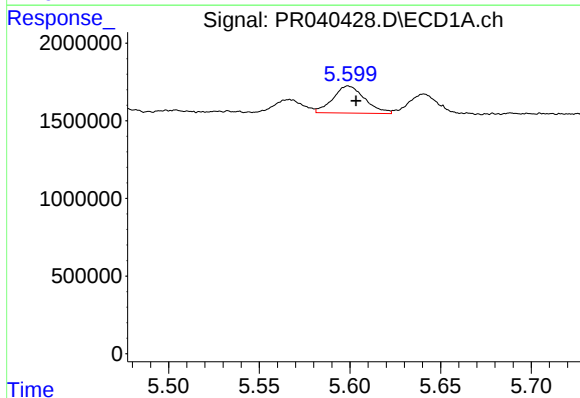
R.T.: 5.641 min
Delta R.T.: -0.002 min
Response: 1497931
Conc: 19.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



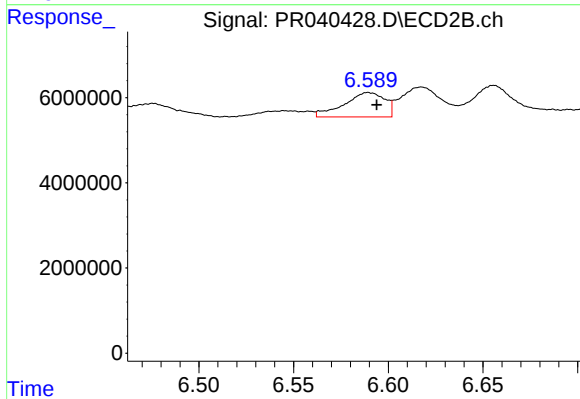
#25 AR-1248-5

R.T.: 6.656 min
Delta R.T.: -0.003 min
Response: 12105710
Conc: 34.97 ng/ml



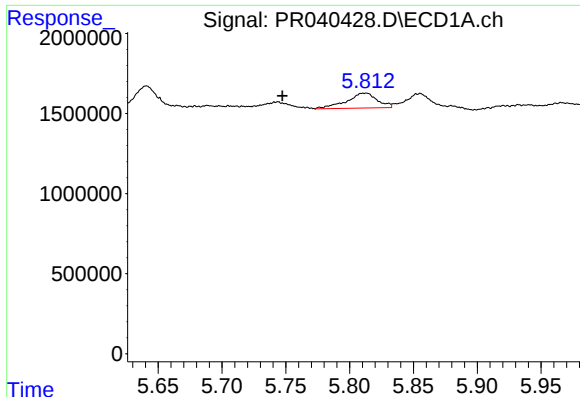
#26 AR-1254-1

R.T.: 5.599 min
Delta R.T.: -0.004 min
Response: 2147238
Conc: 15.82 ng/ml



#26 AR-1254-1

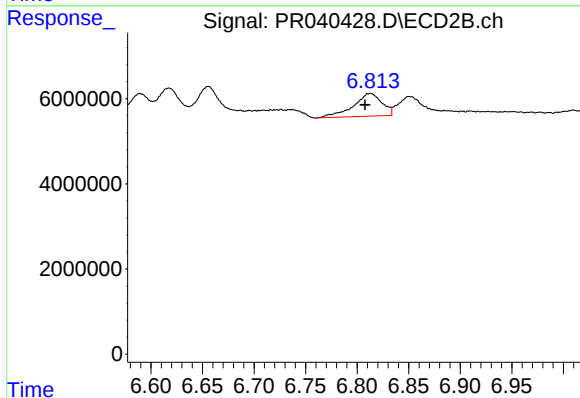
R.T.: 6.589 min
Delta R.T.: -0.005 min
Response: 8596882
Conc: 21.78 ng/ml



#27 AR-1254-2

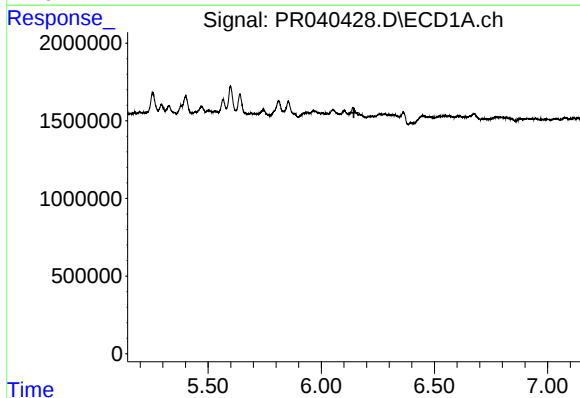
R.T.: 5.813 min
Delta R.T.: 0.066 min
Response: 1551986
Conc: 13.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



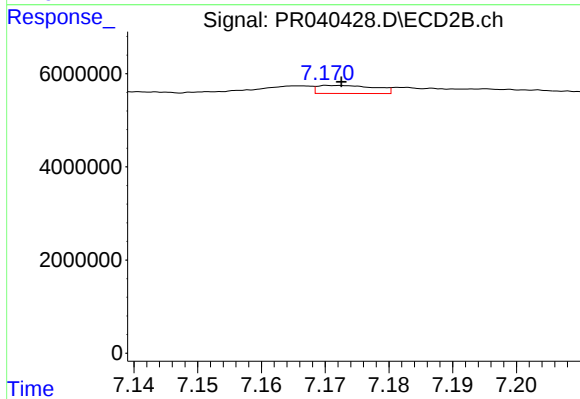
#27 AR-1254-2

R.T.: 6.813 min
Delta R.T.: 0.006 min
Response: 10351428
Conc: 16.37 ng/ml



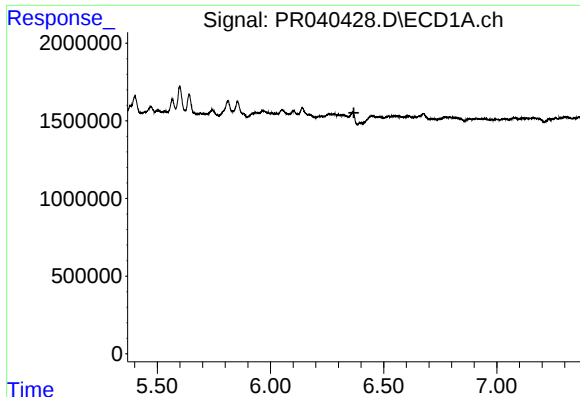
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.144 min
Response: 0
Conc: N.D.



#28 AR-1254-3

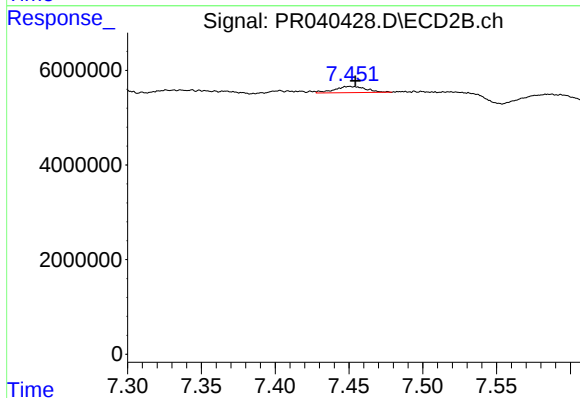
R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 1086670
Conc: 1.50 ng/ml



#29 AR-1254-4

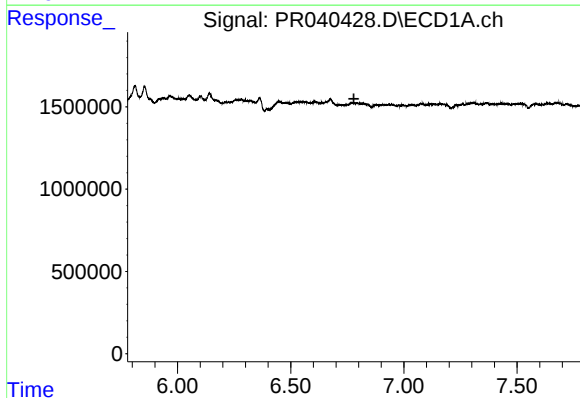
R.T.: 0.000 min
Exp R.T.: 6.368 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



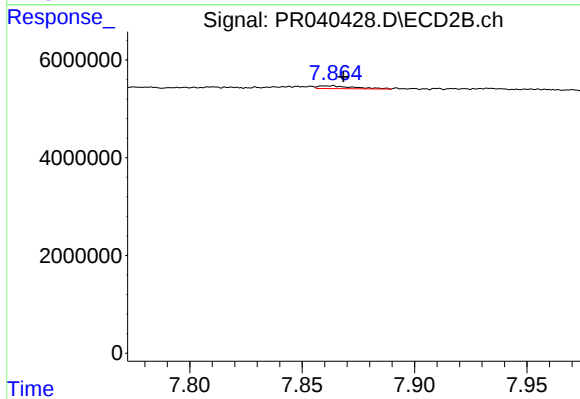
#29 AR-1254-4

R.T.: 7.451 min
Delta R.T.: -0.004 min
Response: 1992129
Conc: 3.63 ng/ml



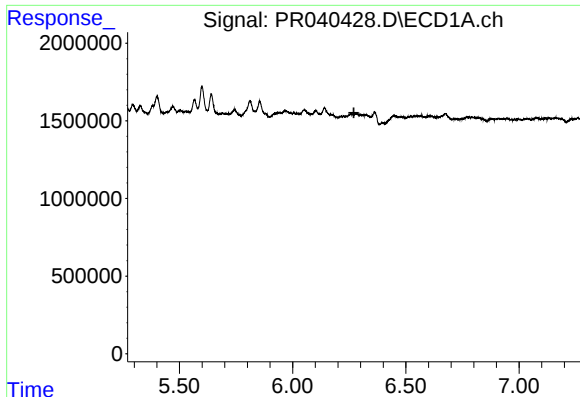
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 6.779 min
Response: 0
Conc: N.D.



#30 AR-1254-5

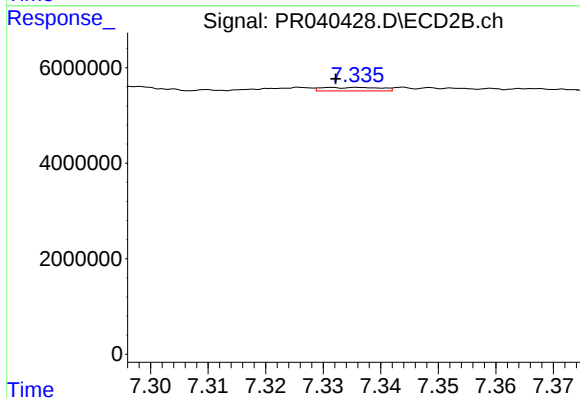
R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 636444
Conc: 1.07 ng/ml



#31 AR-1260-1

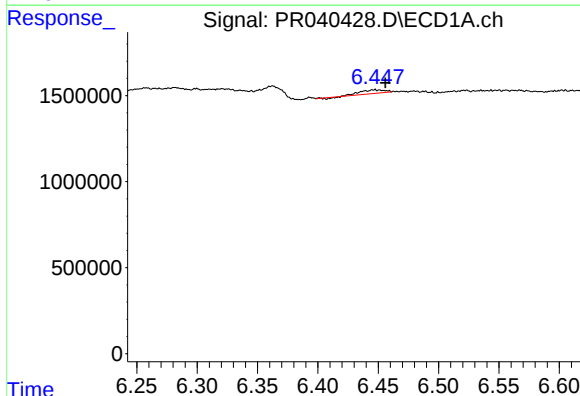
R.T.: 0.000 min
Exp R.T.: 6.271 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



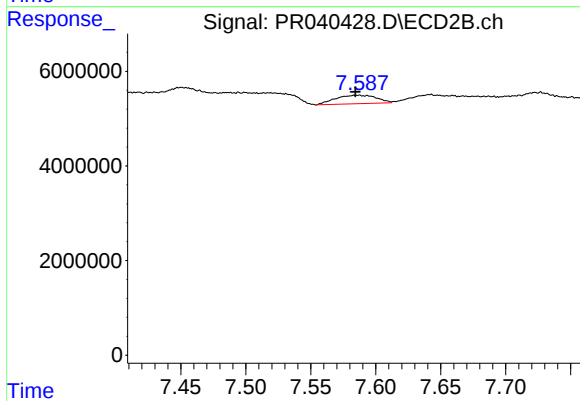
#31 AR-1260-1

R.T.: 7.336 min
Delta R.T.: 0.004 min
Response: 524933
Conc: 1.28 ng/ml



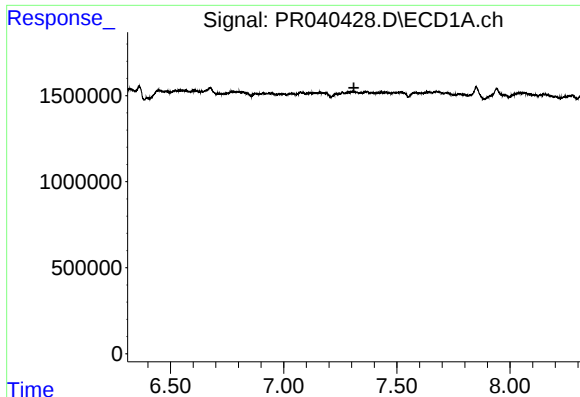
#32 AR-1260-2

R.T.: 6.447 min
Delta R.T.: -0.008 min
Response: 274990
Conc: 1.89 ng/ml



#32 AR-1260-2

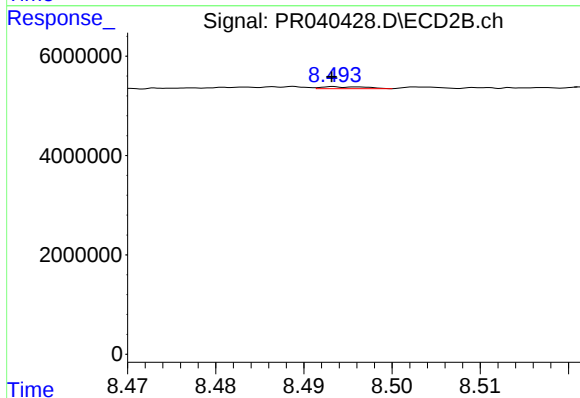
R.T.: 7.588 min
Delta R.T.: 0.003 min
Response: 3928436
Conc: 7.73 ng/ml



#35 AR-1260-5

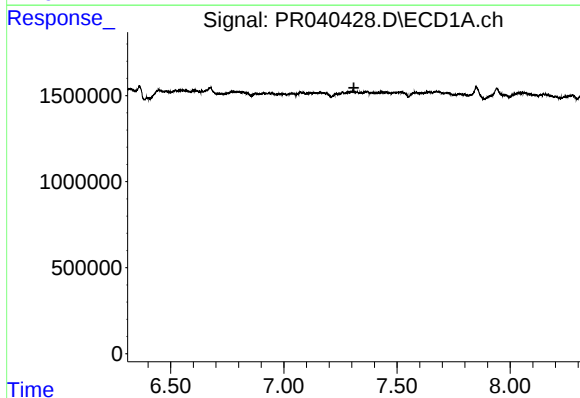
R.T.: 0.000 min
Exp R.T.: 7.310 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



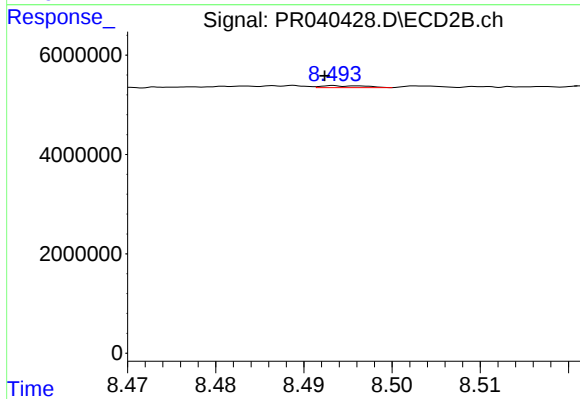
#35 AR-1260-5

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 139478
Conc: 0.13 ng/ml



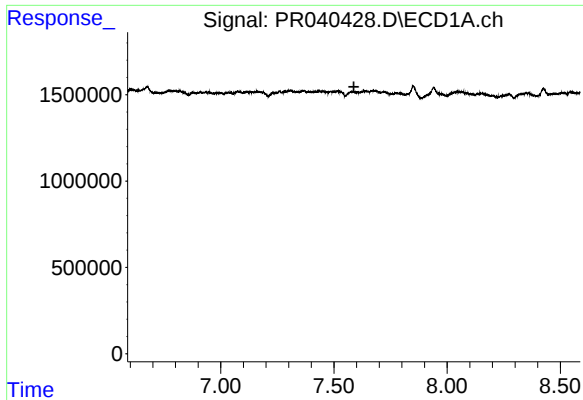
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 7.310 min
Response: 0
Conc: N.D.



#37 AR-1262-2

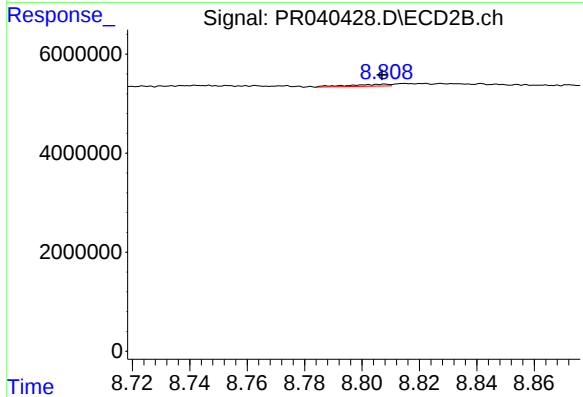
R.T.: 8.494 min
Delta R.T.: 0.001 min
Response: 139478
Conc: 0.12 ng/ml



#38 AR-1262-3

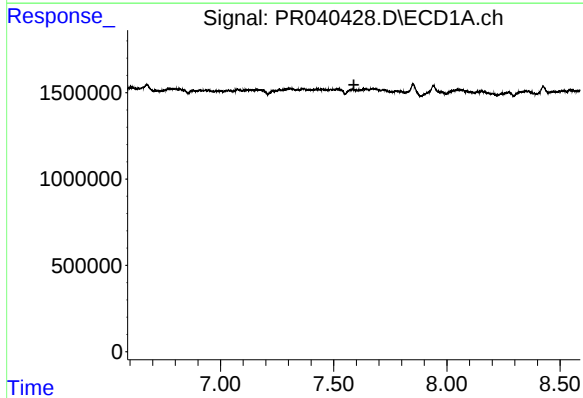
R.T.: 0.000 min
Exp R.T.: 7.588 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



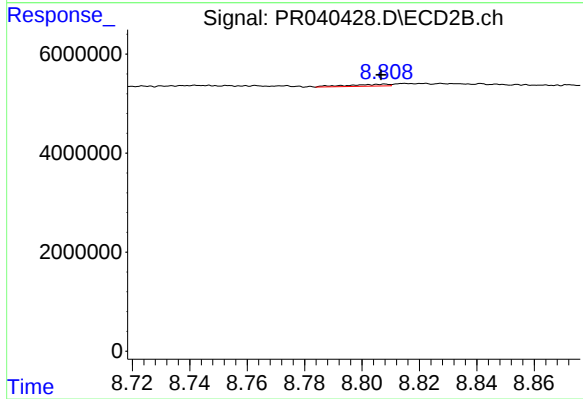
#38 AR-1262-3

R.T.: 8.808 min
Delta R.T.: 0.001 min
Response: 380522
Conc: 0.47 ng/ml



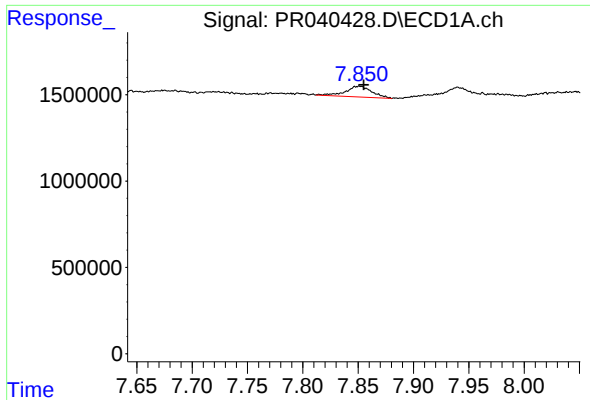
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 7.589 min
Response: 0
Conc: N.D.



#41 AR-1268-1

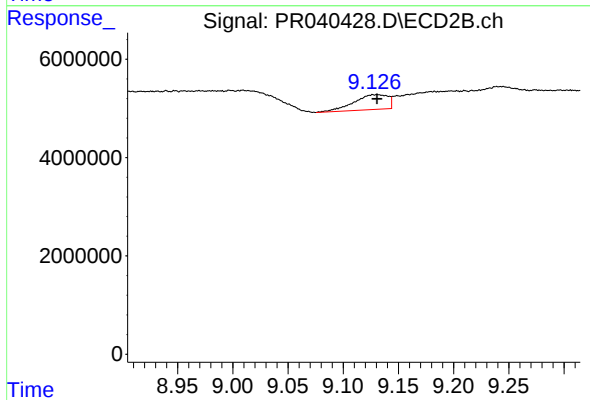
R.T.: 8.808 min
Delta R.T.: 0.002 min
Response: 380522
Conc: 0.29 ng/ml



#43 AR-1268-3

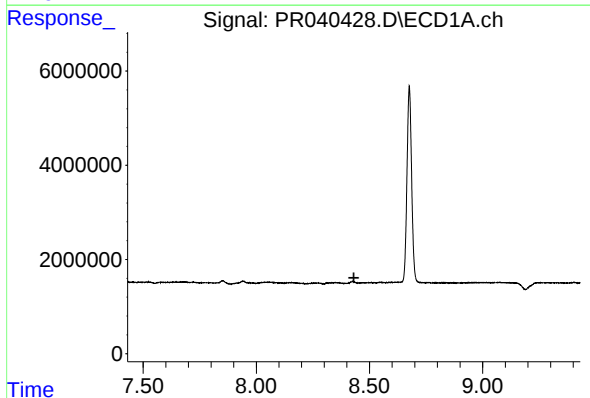
R.T.: 7.851 min
Delta R.T.: -0.004 min
Response: 1030241
Conc: 3.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



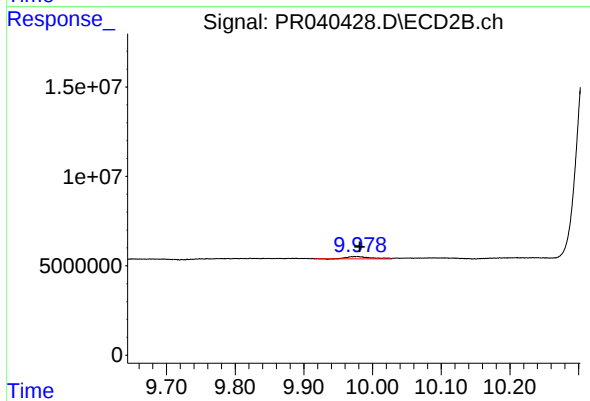
#43 AR-1268-3

R.T.: 9.131 min
Delta R.T.: 0.000 min
Response: 6510240
Conc: 6.17 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.431 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.978 min
Delta R.T.: -0.004 min
Response: 3199760
Conc: 0.81 ng/ml