

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062922\
 Data File : P0087580.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 19:47
 Operator : YP/AJ
 Sample : N3214-01
 Misc : AR1248 LOD 40 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 04:00:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 28 02:46:21 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...	4.449	3.609	48942440	19502568	18.909	19.820
2)	SA Decachlor...	10.301	8.612	44753002	14425302	21.909	17.794
Target Compounds							
3)	L1 AR-1016-1	5.625	4.688	2092422	779748	23.313	19.498
4)	L1 AR-1016-2	5.648	4.707	2418600	765865	19.244	13.737 #
5)	L1 AR-1016-3	5.711	4.883	1267026	530090	16.279	18.006
6)	L1 AR-1016-4	5.809	4.925	1248941	1204360	20.433	50.117 #
7)	L1 AR-1016-5	6.107	5.137	3254269	1500153	54.300	49.044
8)	L2 AR-1221-1	4.660	0.000	756223	0	24.584	N.D. #
9)	L2 AR-1221-2	4.756	3.905	837013	458980	36.927	51.624 #
10)	L2 AR-1221-3	4.822	0.000	353904	0	5.060	N.D. #
11)	L3 AR-1232-1	4.822	0.000	353904	0	5.406	N.D. #
12)	L3 AR-1232-2	5.161	4.707	1336876	765865	41.401	31.408
13)	L3 AR-1232-3	5.648	4.883	2418600	530090	40.105	42.683
14)	L3 AR-1232-4	5.809	4.966	1248941	1288917	42.656	113.678 #
15)	L3 AR-1232-5	5.902	5.137	3137433	1500153	127.232	119.545
16)	L4 AR-1242-1	5.625	4.688	2092422	779748	28.856	27.321
17)	L4 AR-1242-2	5.648	4.707	2418600	765865	23.688	19.633
18)	L4 AR-1242-3	5.711	4.883	1267026	530090	19.728	25.431 #
19)	L4 AR-1242-4	5.809	4.966	1248941	1288917	24.533	61.008 #
20)	L4 AR-1242-5	6.552	5.489	3625146	2064651	68.279	78.985
21)	L5 AR-1248-1	5.625	4.688	2092422	779748	36.448	33.601
22)	L5 AR-1248-2	5.902	4.925	3137433	1204360	37.632	38.318
23)	L5 AR-1248-3	6.107	4.966	3254269	1288917	36.323	39.710
24)	L5 AR-1248-4	6.513	5.137	3690050	1500153	37.514	38.885
25)	L5 AR-1248-5	6.552	5.530	3625146	1457672	37.713	39.989
26)	L6 AR-1254-1	6.486	5.489	2971076	2064651	29.640	37.349 #
27)	L6 AR-1254-2	6.710	5.637	3728172	668894	24.431	13.673 #
28)	L6 AR-1254-3	7.075	6.041	2403376	871738	15.779	11.488 #
29)	L6 AR-1254-4	7.363	6.270	1418346	587519	12.885	12.941
30)	L6 AR-1254-5	7.781	6.688	377421	159700	3.144	2.498
31)	L7 AR-1260-1	7.237	6.184	283635	429652	2.530	7.611 #
32)	L7 AR-1260-2	7.510	6.341	434439	301304	3.188	4.453 #
33)	L7 AR-1260-3	7.868	6.508	162714	218557	1.737	3.460 #
34)	L7 AR-1260-4	8.101	0.000	42019	0	0.402	N.D. #
35)	L7 AR-1260-5	8.410	0.000	115496	0	0.585	N.D. #
36)	L8 AR-1262-1	7.868	0.000	162714	0	1.137	N.D. #
37)	L8 AR-1262-2	8.410	0.000	115496	0	0.459	N.D. #
38)	L8 AR-1262-3	8.805f	0.000	203165	0	1.123	N.D. #
39)	L8 AR-1262-4	8.826	0.000	89236	0	1.033	N.D. #
40)	L8 AR-1262-5	9.514	8.103	163730	81120	1.709	2.418 #
41)	L9 AR-1268-1	8.805f	0.000	203165	0	0.693	N.D. #

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 Acq On : 29 Jun 2022 19:47
 Operator : YP/AJ
 Sample : N3214-01
 Misc : AR1248 LOD 40 PPB
 ALS Vial : 31 Sample Multiplier: 1

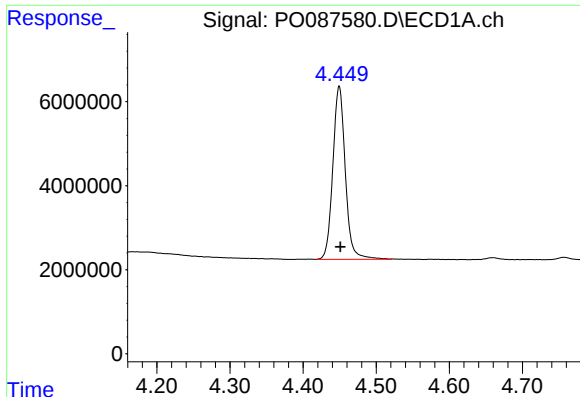
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 04:00:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
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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	8.826	0.000	89236	0	0.332	N.D. #
43) L9	AR-1268-3	9.067	0.000	175307	0	0.750	N.D. #
44) L9	AR-1268-4	9.514	8.103	163730	81120	1.602	2.287 #
45) L9	AR-1268-5	9.941	8.358	573832	149612	0.760	0.597

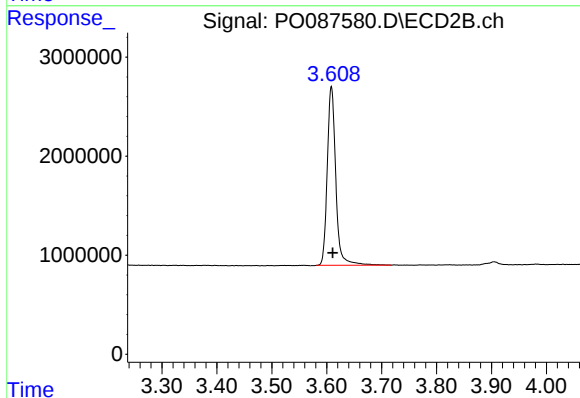
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

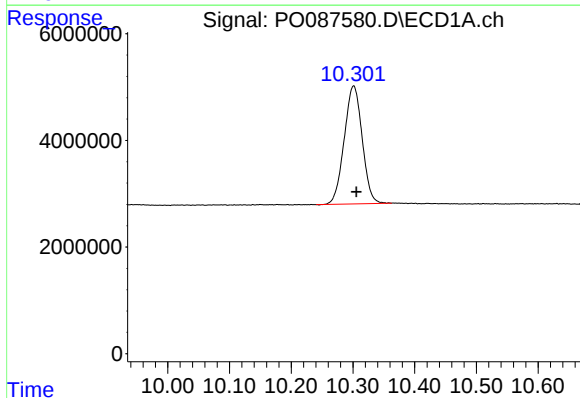
R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 48942440
Conc: 18.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



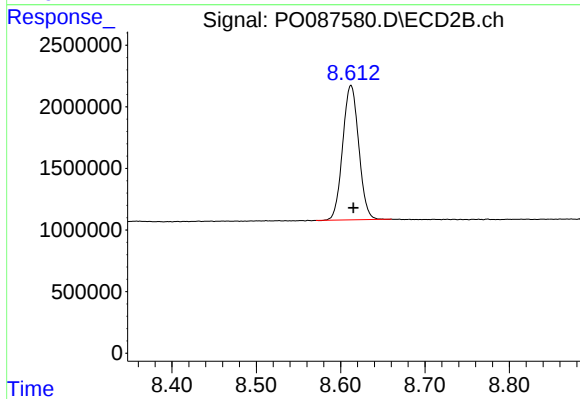
#1 Tetrachloro-m-xylene

R.T.: 3.609 min
Delta R.T.: -0.003 min
Response: 19502568
Conc: 19.82 ng/ml



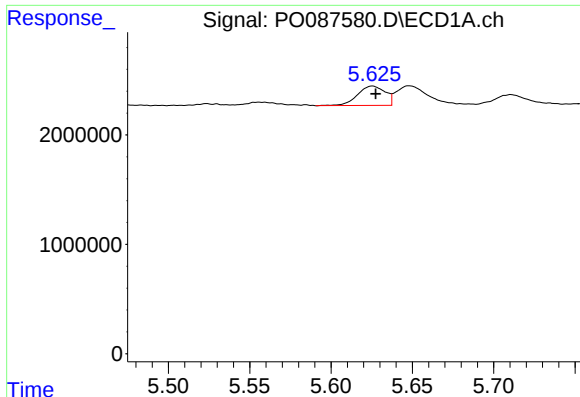
#2 Decachlorobiphenyl

R.T.: 10.301 min
Delta R.T.: -0.004 min
Response: 44753002
Conc: 21.91 ng/ml



#2 Decachlorobiphenyl

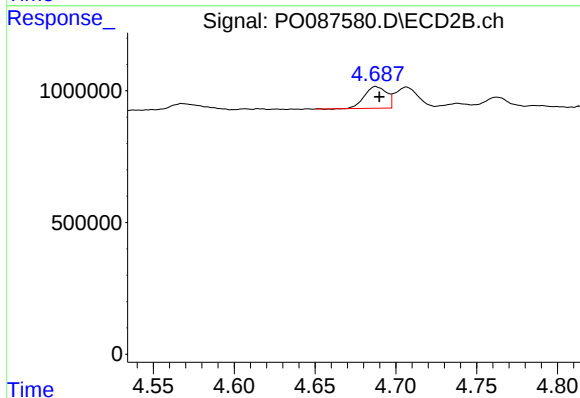
R.T.: 8.612 min
Delta R.T.: -0.003 min
Response: 14425302
Conc: 17.79 ng/ml



#3 AR-1016-1

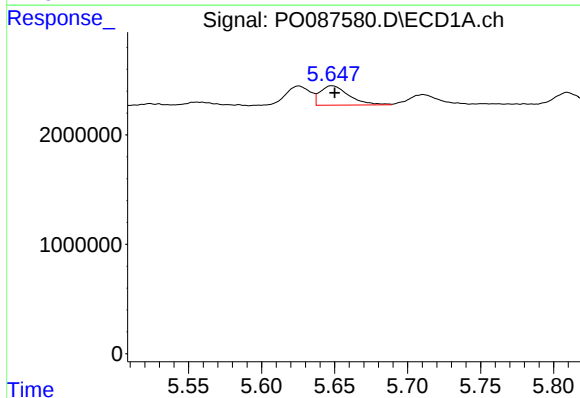
R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 2092422
Conc: 23.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



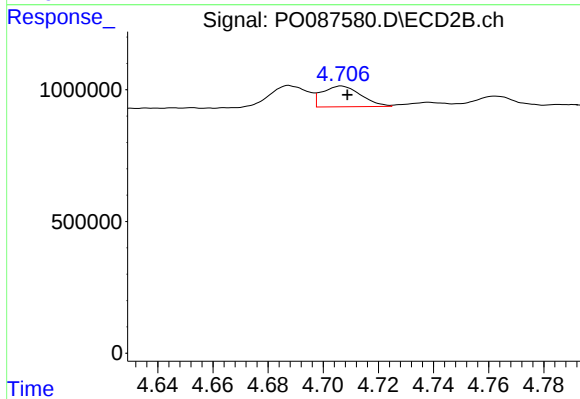
#3 AR-1016-1

R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 779748
Conc: 19.50 ng/ml



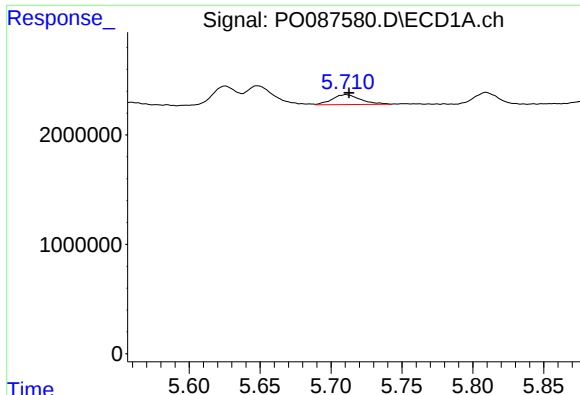
#4 AR-1016-2

R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 2418600
Conc: 19.24 ng/ml



#4 AR-1016-2

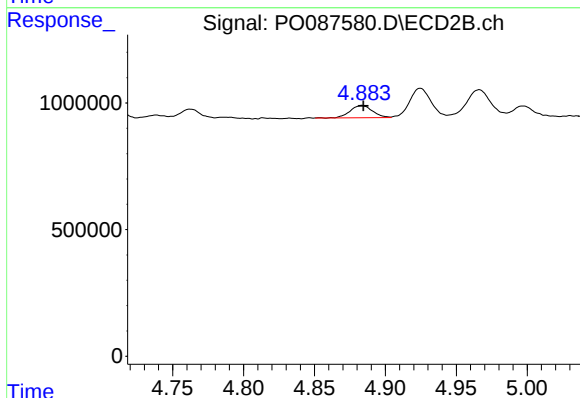
R.T.: 4.707 min
Delta R.T.: -0.002 min
Response: 765865
Conc: 13.74 ng/ml



#5 AR-1016-3

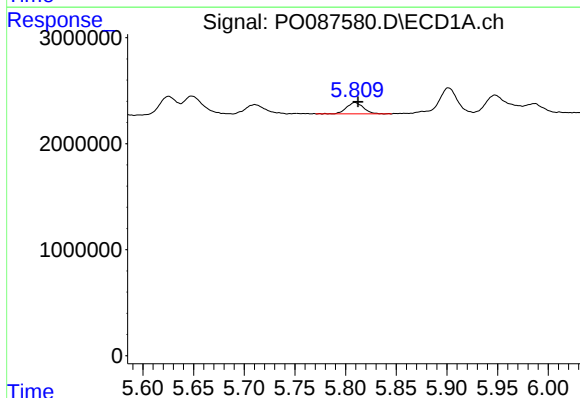
R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 1267026
Conc: 16.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



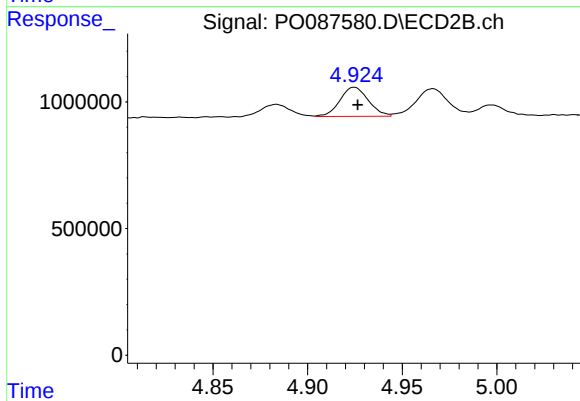
#5 AR-1016-3

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 530090
Conc: 18.01 ng/ml



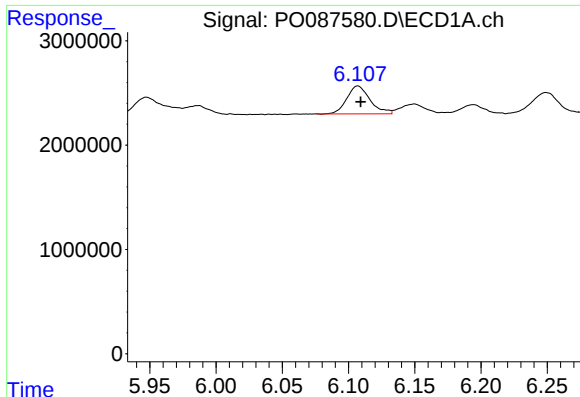
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 1248941
Conc: 20.43 ng/ml



#6 AR-1016-4

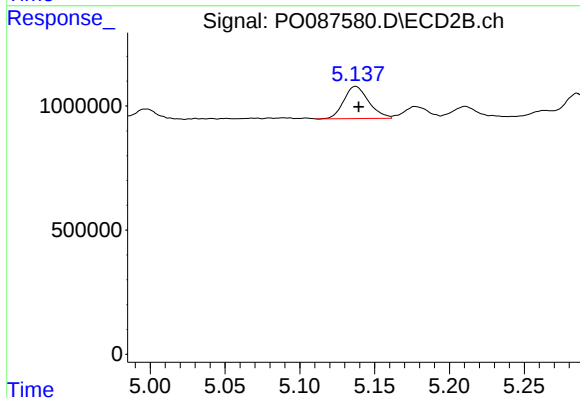
R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 1204360
Conc: 50.12 ng/ml



#7 AR-1016-5

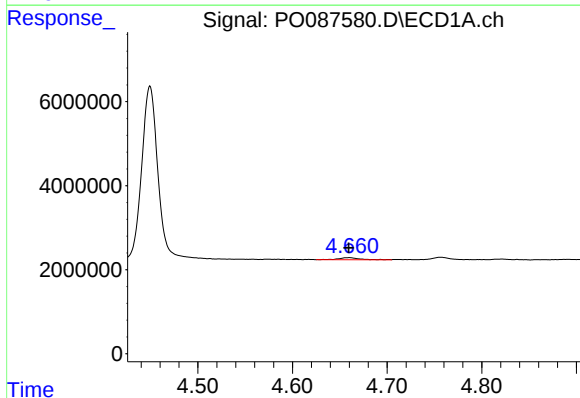
R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 3254269
Conc: 54.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



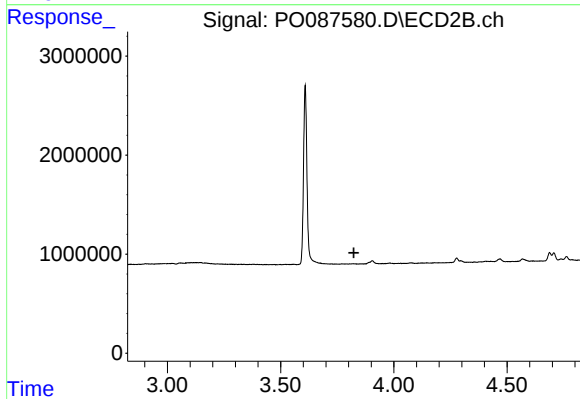
#7 AR-1016-5

R.T.: 5.137 min
Delta R.T.: -0.002 min
Response: 1500153
Conc: 49.04 ng/ml



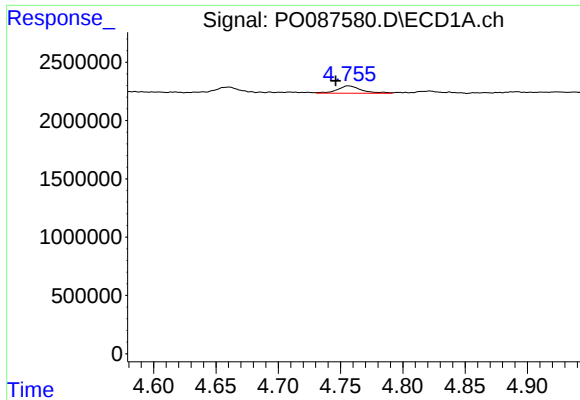
#8 AR-1221-1

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 756223
Conc: 24.58 ng/ml



#8 AR-1221-1

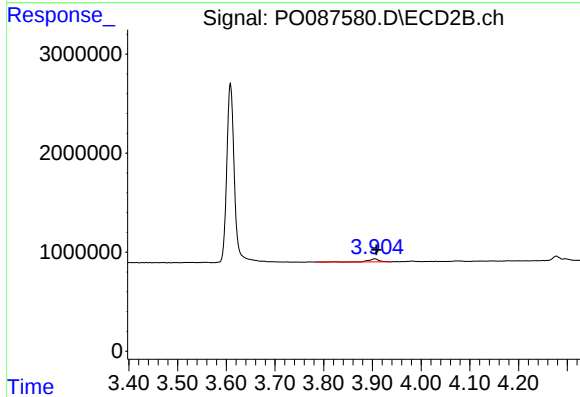
R.T.: 0.000 min
Exp R.T. : 3.824 min
Response: 0
Conc: N.D.



#9 AR-1221-2

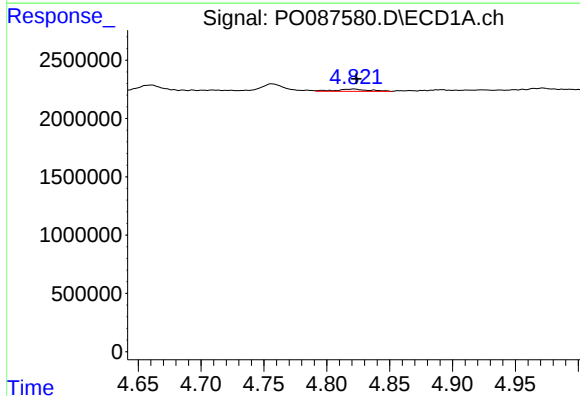
R.T.: 4.756 min
Delta R.T.: 0.010 min
Response: 837013
Conc: 36.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



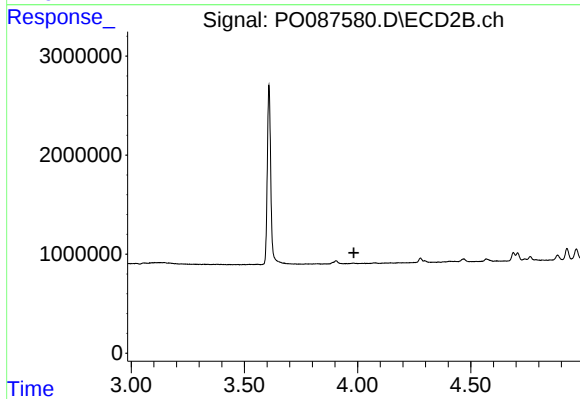
#9 AR-1221-2

R.T.: 3.905 min
Delta R.T.: -0.003 min
Response: 458980
Conc: 51.62 ng/ml



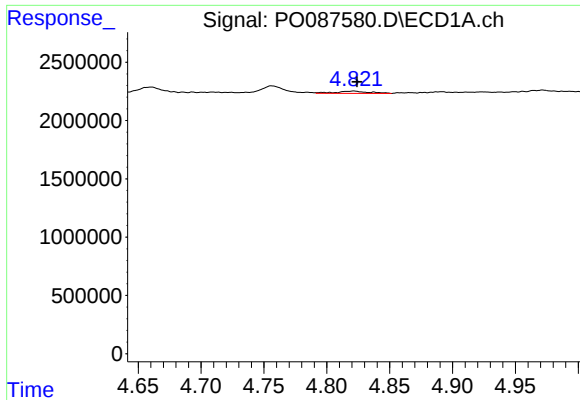
#10 AR-1221-3

R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 353904
Conc: 5.06 ng/ml



#10 AR-1221-3

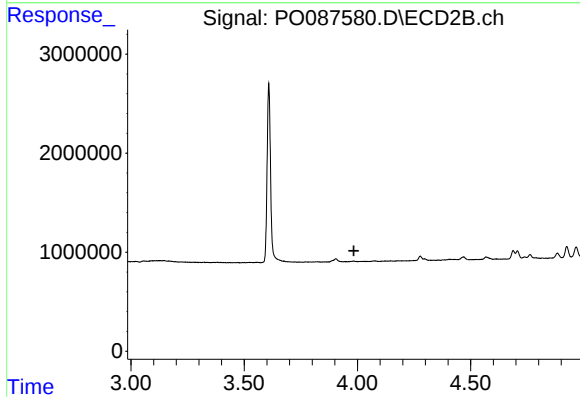
R.T.: 0.000 min
Exp R.T. : 3.984 min
Response: 0
Conc: N.D.



#11 AR-1232-1

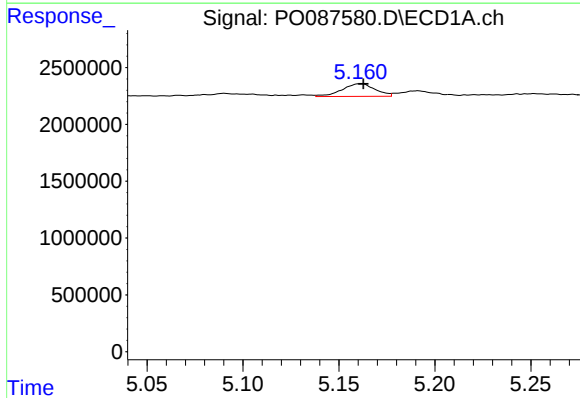
R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 353904
Conc: 5.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



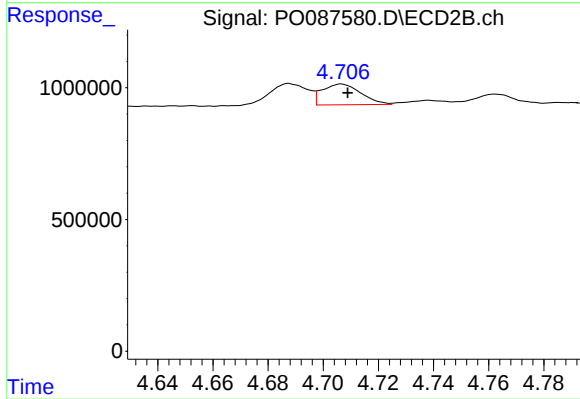
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.984 min
Response: 0
Conc: N.D.



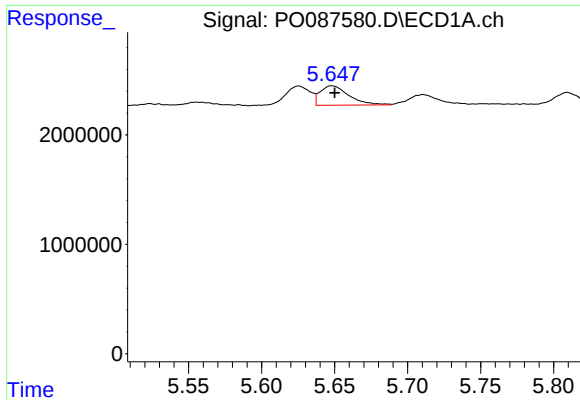
#12 AR-1232-2

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 1336876
Conc: 41.40 ng/ml



#12 AR-1232-2

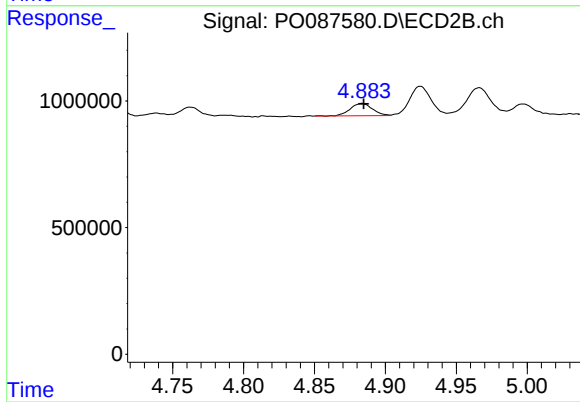
R.T.: 4.707 min
Delta R.T.: -0.002 min
Response: 765865
Conc: 31.41 ng/ml



#13 AR-1232-3

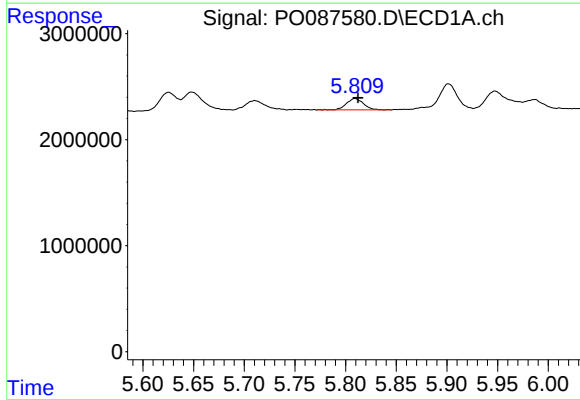
R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 2418600
Conc: 40.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



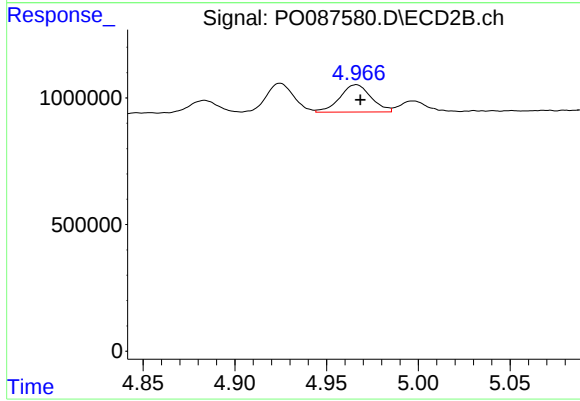
#13 AR-1232-3

R.T.: 4.883 min
Delta R.T.: -0.001 min
Response: 530090
Conc: 42.68 ng/ml



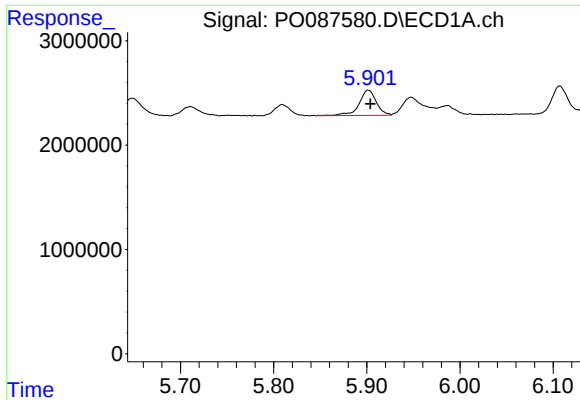
#14 AR-1232-4

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 1248941
Conc: 42.66 ng/ml



#14 AR-1232-4

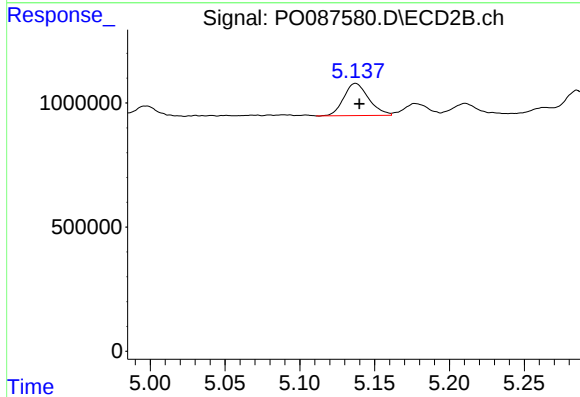
R.T.: 4.966 min
Delta R.T.: -0.002 min
Response: 1288917
Conc: 113.68 ng/ml



#15 AR-1232-5

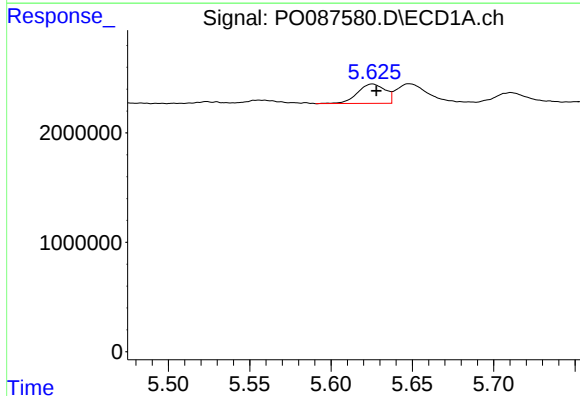
R.T.: 5.902 min
Delta R.T.: -0.002 min
Response: 3137433
Conc: 127.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



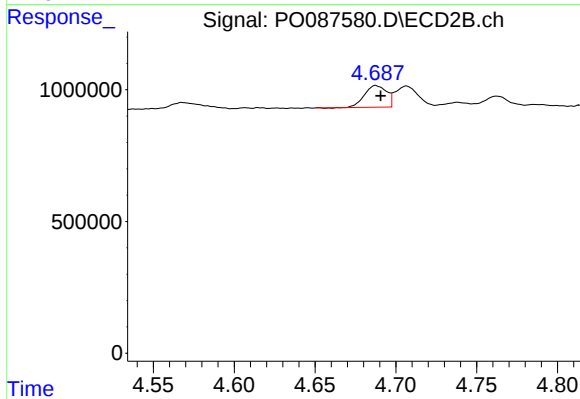
#15 AR-1232-5

R.T.: 5.137 min
Delta R.T.: -0.002 min
Response: 1500153
Conc: 119.55 ng/ml



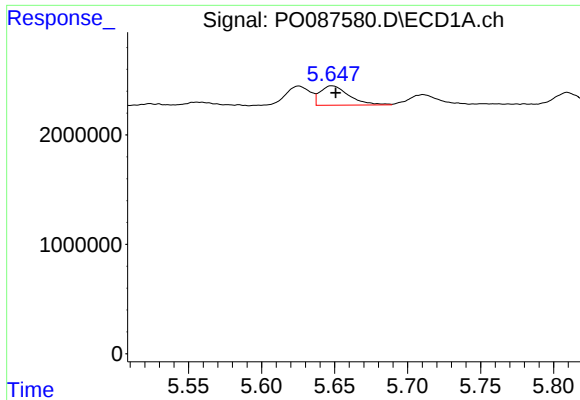
#16 AR-1242-1

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 2092422
Conc: 28.86 ng/ml



#16 AR-1242-1

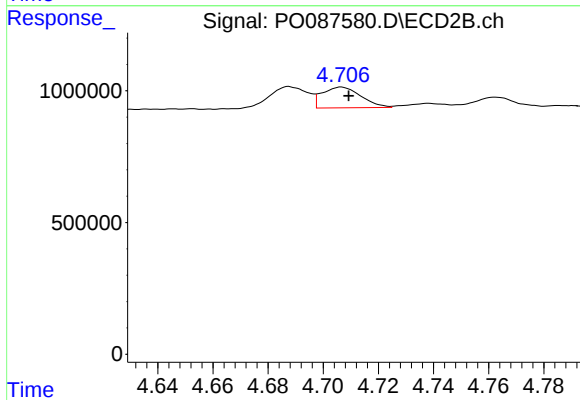
R.T.: 4.688 min
Delta R.T.: -0.003 min
Response: 779748
Conc: 27.32 ng/ml



#17 AR-1242-2

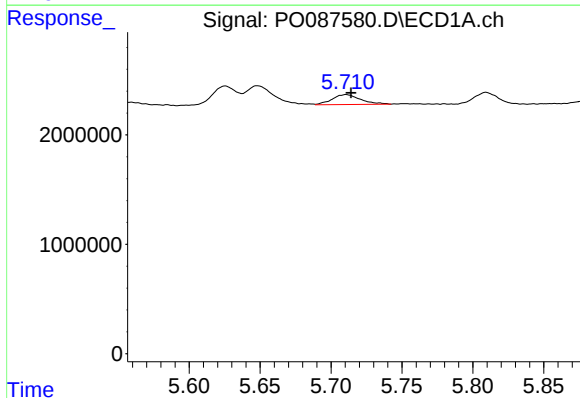
R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 2418600
Conc: 23.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



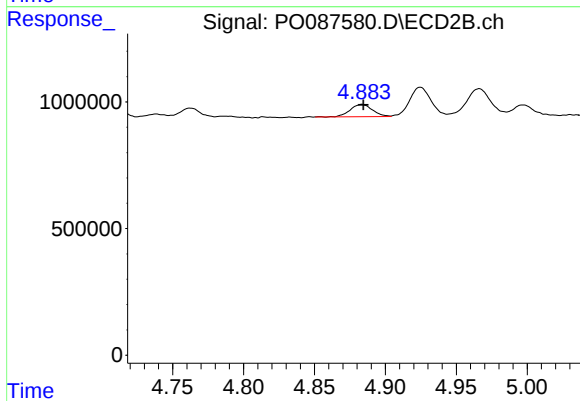
#17 AR-1242-2

R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 765865
Conc: 19.63 ng/ml



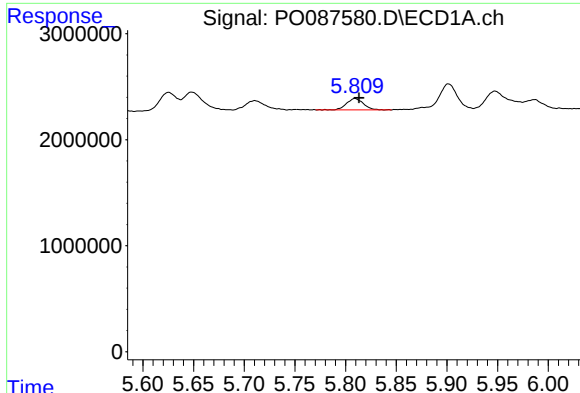
#18 AR-1242-3

R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 1267026
Conc: 19.73 ng/ml



#18 AR-1242-3

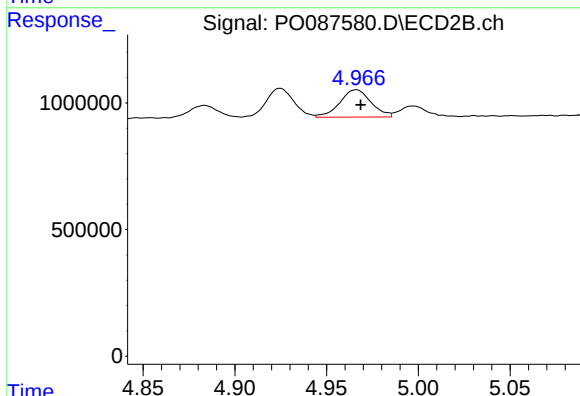
R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 530090
Conc: 25.43 ng/ml



#19 AR-1242-4

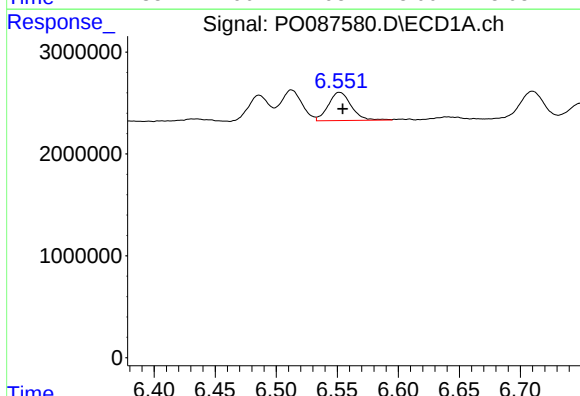
R.T.: 5.809 min
Delta R.T.: -0.004 min
Response: 1248941
Conc: 24.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



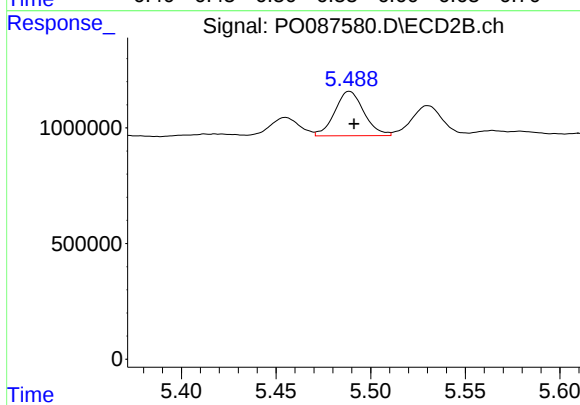
#19 AR-1242-4

R.T.: 4.966 min
Delta R.T.: -0.002 min
Response: 1288917
Conc: 61.01 ng/ml



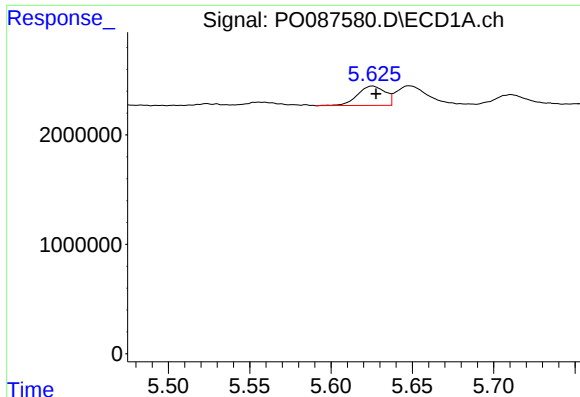
#20 AR-1242-5

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 3625146
Conc: 68.28 ng/ml



#20 AR-1242-5

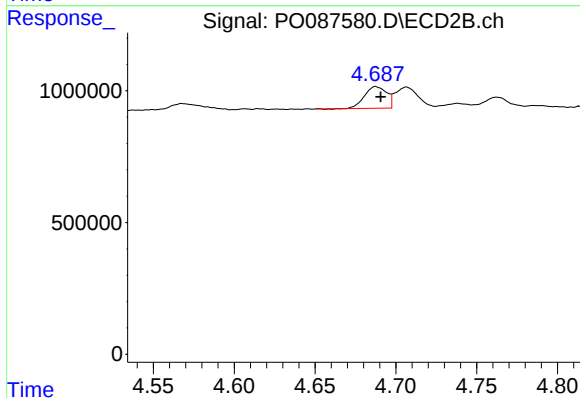
R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 2064651
Conc: 78.98 ng/ml



#21 AR-1248-1

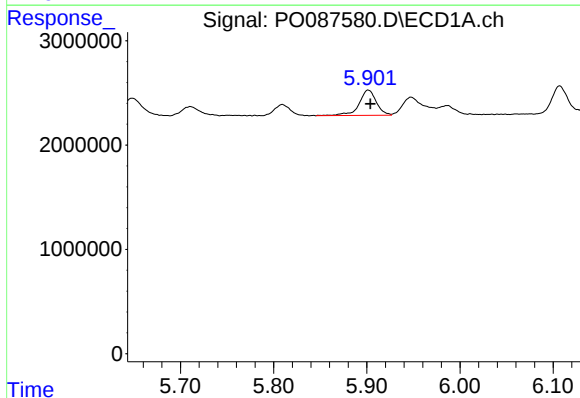
R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 2092422
Conc: 36.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



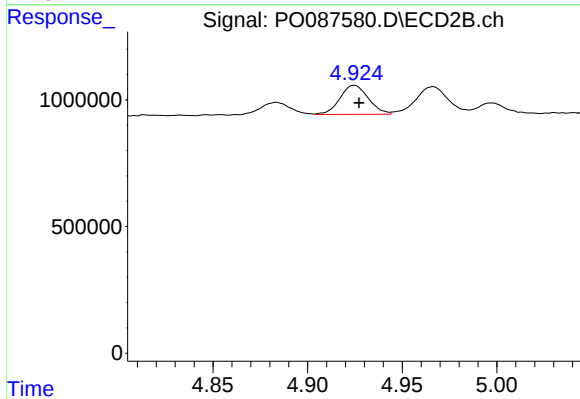
#21 AR-1248-1

R.T.: 4.688 min
Delta R.T.: -0.003 min
Response: 779748
Conc: 33.60 ng/ml



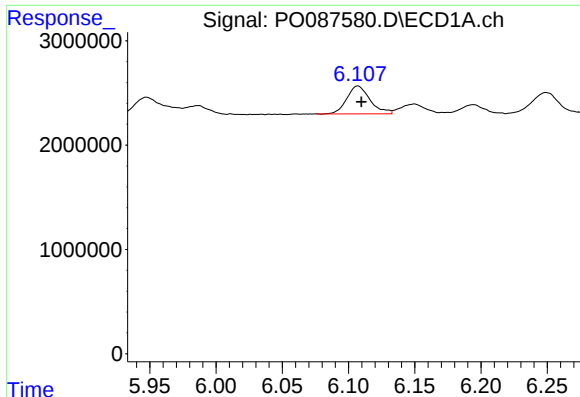
#22 AR-1248-2

R.T.: 5.902 min
Delta R.T.: -0.002 min
Response: 3137433
Conc: 37.63 ng/ml



#22 AR-1248-2

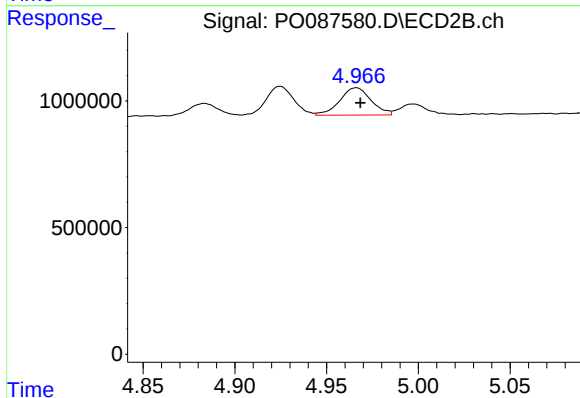
R.T.: 4.925 min
Delta R.T.: -0.003 min
Response: 1204360
Conc: 38.32 ng/ml



#23 AR-1248-3

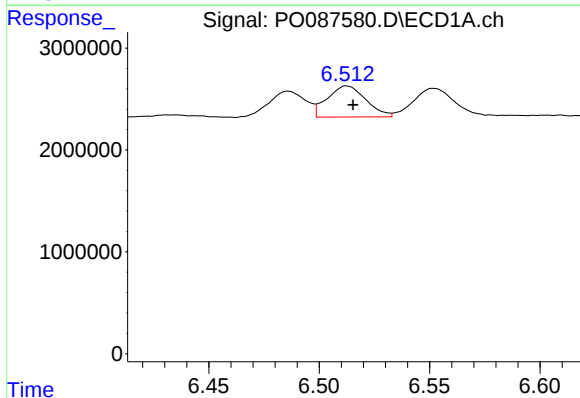
R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 3254269
Conc: 36.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



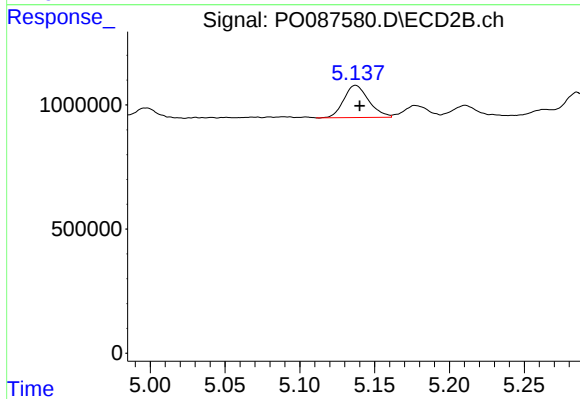
#23 AR-1248-3

R.T.: 4.966 min
Delta R.T.: -0.002 min
Response: 1288917
Conc: 39.71 ng/ml



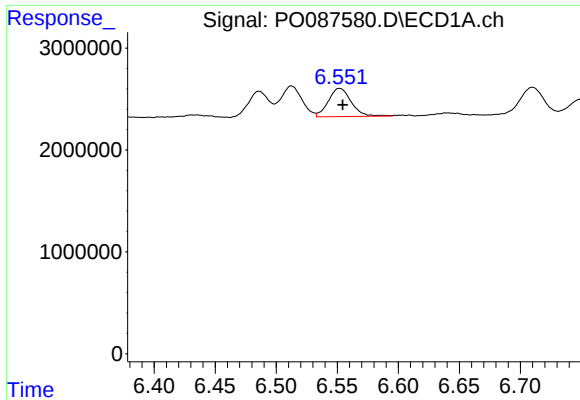
#24 AR-1248-4

R.T.: 6.513 min
Delta R.T.: -0.003 min
Response: 3690050
Conc: 37.51 ng/ml



#24 AR-1248-4

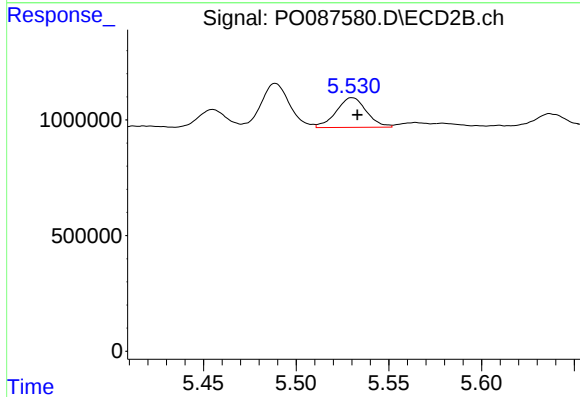
R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 1500153
Conc: 38.88 ng/ml



#25 AR-1248-5

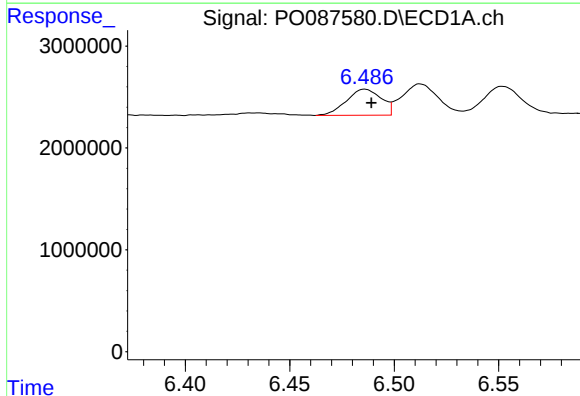
R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 3625146
Conc: 37.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



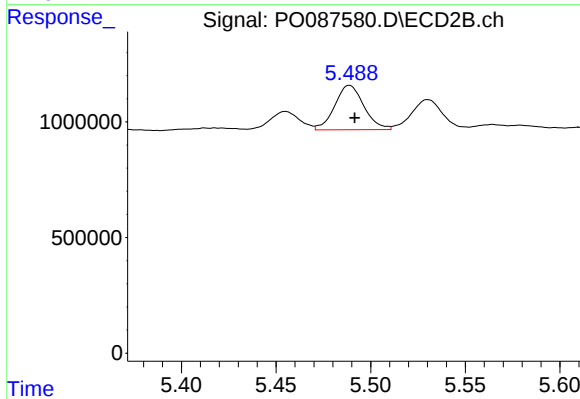
#25 AR-1248-5

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 1457672
Conc: 39.99 ng/ml



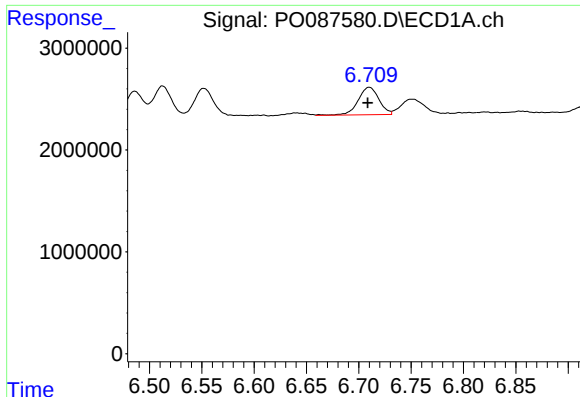
#26 AR-1254-1

R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 2971076
Conc: 29.64 ng/ml



#26 AR-1254-1

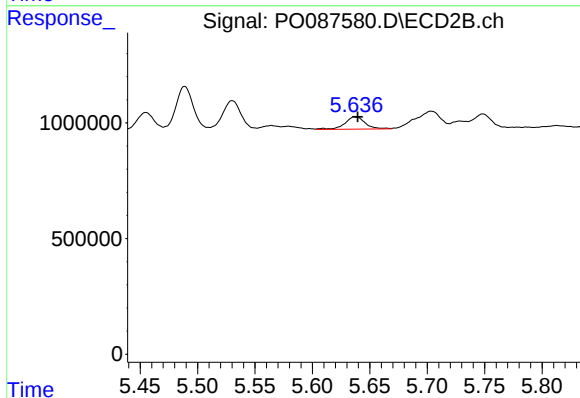
R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 2064651
Conc: 37.35 ng/ml



#27 AR-1254-2

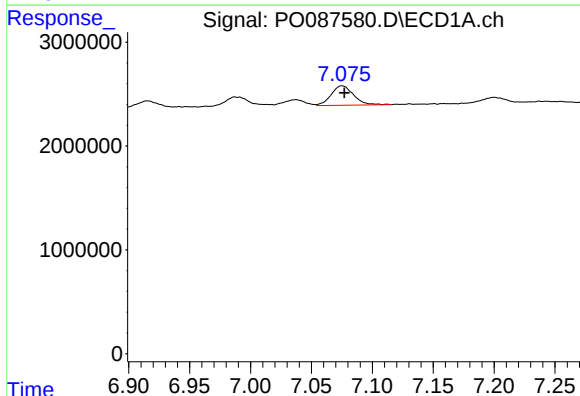
R.T.: 6.710 min
Delta R.T.: 0.001 min
Response: 3728172
Conc: 24.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



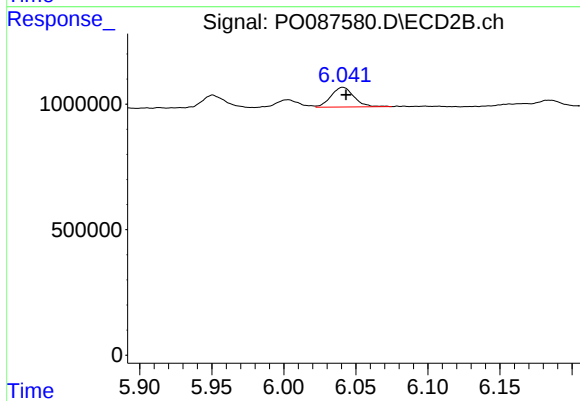
#27 AR-1254-2

R.T.: 5.637 min
Delta R.T.: -0.003 min
Response: 668894
Conc: 13.67 ng/ml



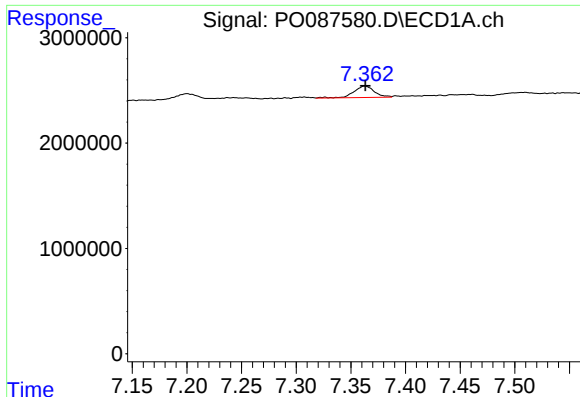
#28 AR-1254-3

R.T.: 7.075 min
Delta R.T.: -0.002 min
Response: 2403376
Conc: 15.78 ng/ml



#28 AR-1254-3

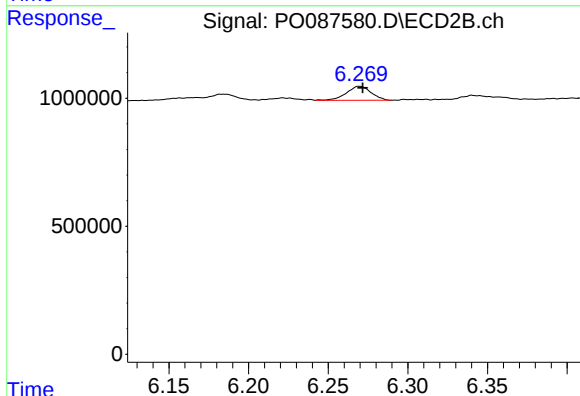
R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 871738
Conc: 11.49 ng/ml



#29 AR-1254-4

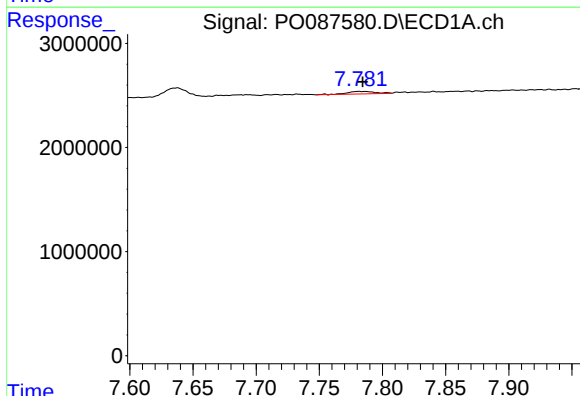
R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 1418346
Conc: 12.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



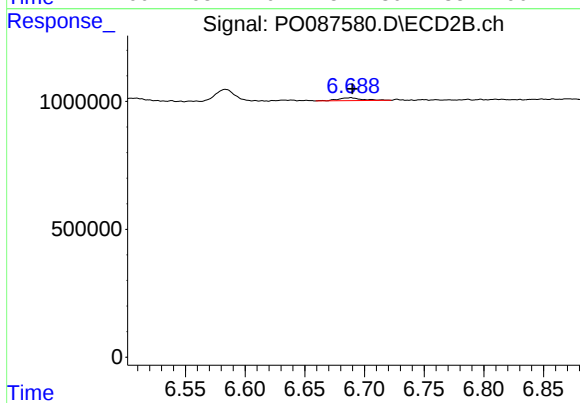
#29 AR-1254-4

R.T.: 6.270 min
Delta R.T.: -0.002 min
Response: 587519
Conc: 12.94 ng/ml



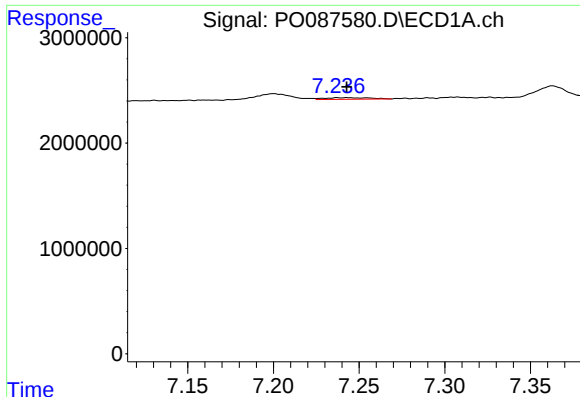
#30 AR-1254-5

R.T.: 7.781 min
Delta R.T.: -0.003 min
Response: 377421
Conc: 3.14 ng/ml



#30 AR-1254-5

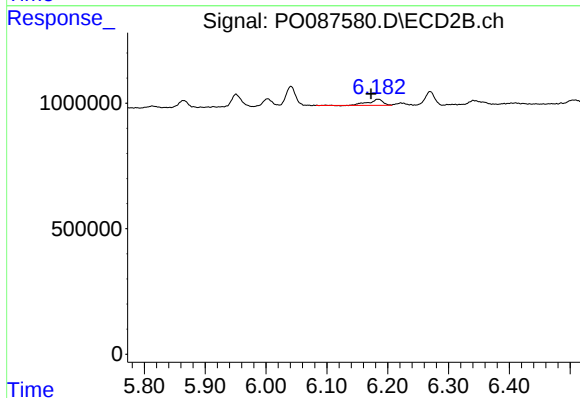
R.T.: 6.688 min
Delta R.T.: -0.001 min
Response: 159700
Conc: 2.50 ng/ml



#31 AR-1260-1

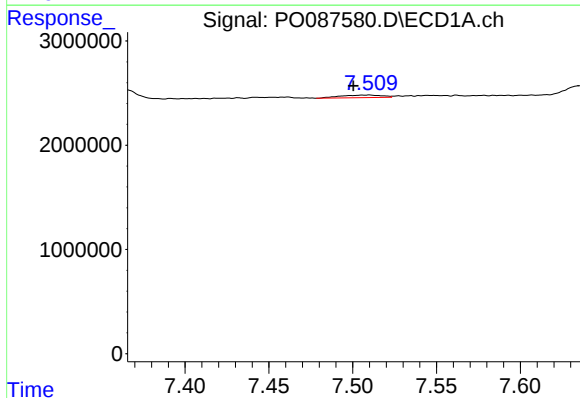
R.T.: 7.237 min
Delta R.T.: -0.006 min
Response: 283635
Conc: 2.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



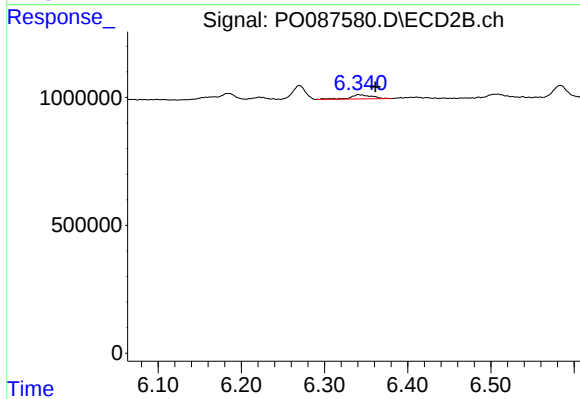
#31 AR-1260-1

R.T.: 6.184 min
Delta R.T.: 0.011 min
Response: 429652
Conc: 7.61 ng/ml



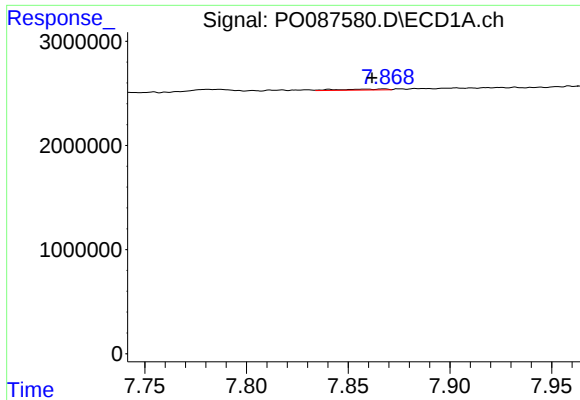
#32 AR-1260-2

R.T.: 7.510 min
Delta R.T.: 0.009 min
Response: 434439
Conc: 3.19 ng/ml



#32 AR-1260-2

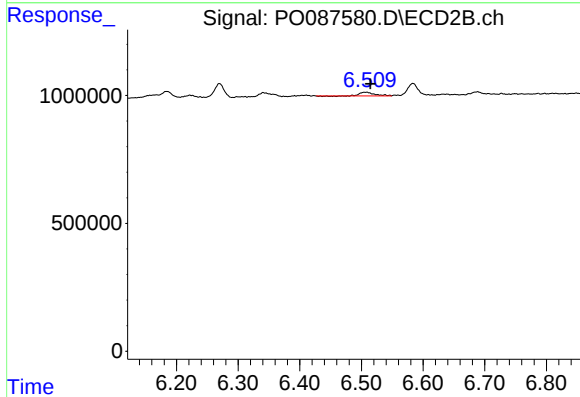
R.T.: 6.341 min
Delta R.T.: -0.020 min
Response: 301304
Conc: 4.45 ng/ml



#33 AR-1260-3

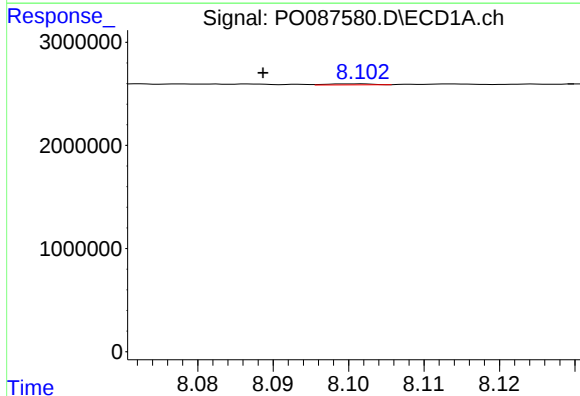
R.T.: 7.868 min
Delta R.T.: 0.006 min
Response: 162714
Conc: 1.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



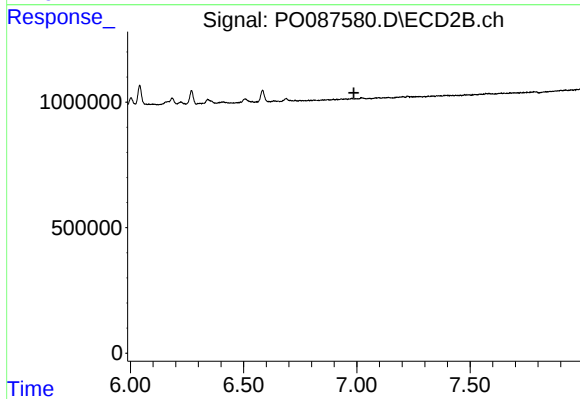
#33 AR-1260-3

R.T.: 6.508 min
Delta R.T.: -0.006 min
Response: 218557
Conc: 3.46 ng/ml



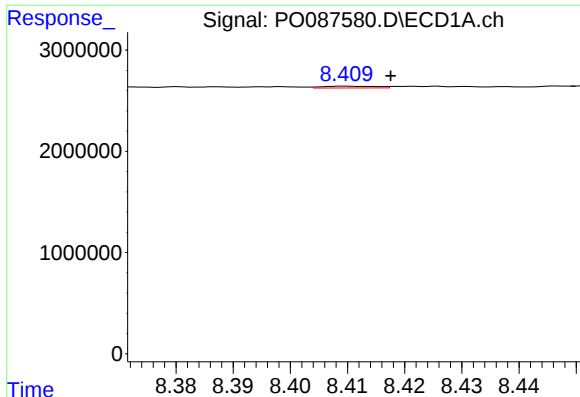
#34 AR-1260-4

R.T.: 8.101 min
Delta R.T.: 0.012 min
Response: 42019
Conc: 0.40 ng/ml



#34 AR-1260-4

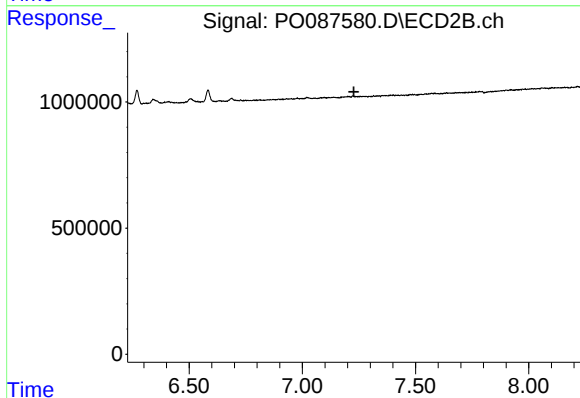
R.T.: 0.000 min
Exp R.T.: 6.987 min
Response: 0
Conc: N.D.



#35 AR-1260-5

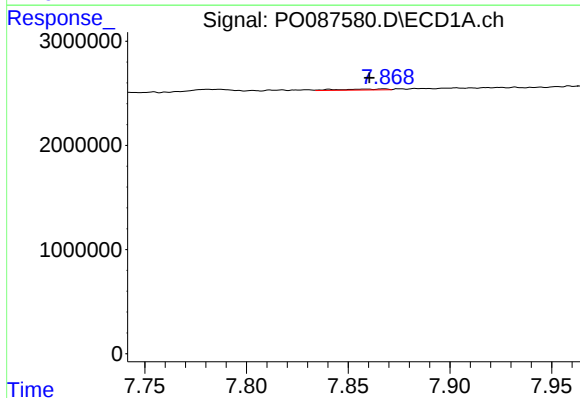
R.T.: 8.410 min
Delta R.T.: -0.008 min
Response: 115496
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



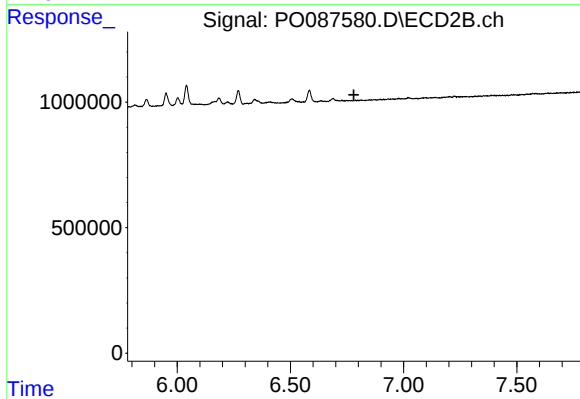
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.228 min
Response: 0
Conc: N.D.



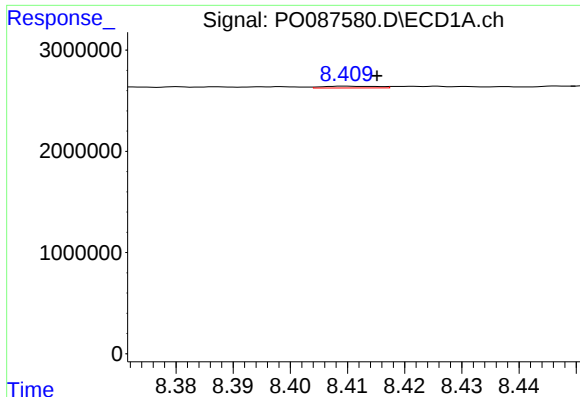
#36 AR-1262-1

R.T.: 7.868 min
Delta R.T.: 0.007 min
Response: 162714
Conc: 1.14 ng/ml



#36 AR-1262-1

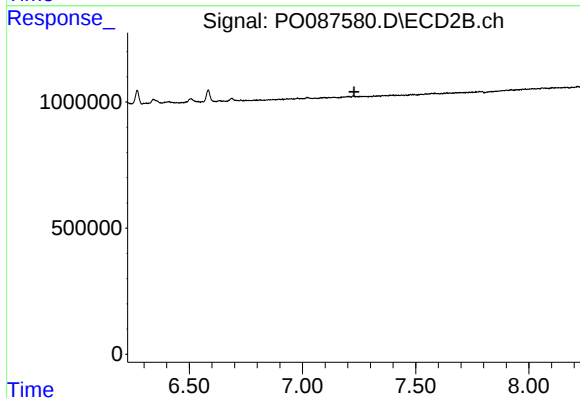
R.T.: 0.000 min
Exp R.T. : 6.780 min
Response: 0
Conc: N.D.



#37 AR-1262-2

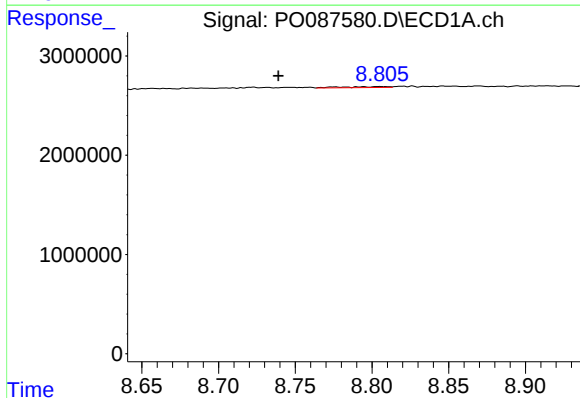
R.T.: 8.410 min
Delta R.T.: -0.005 min
Response: 115496
Conc: 0.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



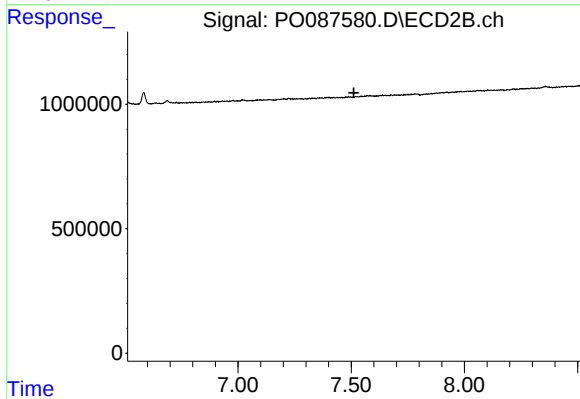
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.227 min
Response: 0
Conc: N.D.



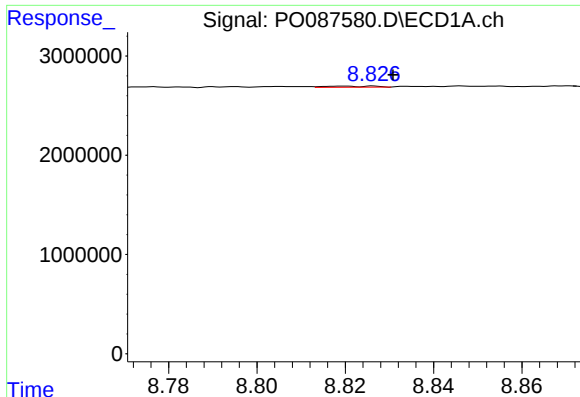
#38 AR-1262-3

R.T.: 8.805 min
Delta R.T.: 0.066 min
Response: 203165
Conc: 1.12 ng/ml



#38 AR-1262-3

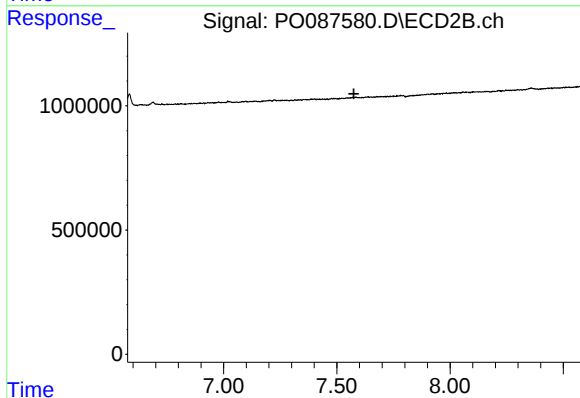
R.T.: 0.000 min
Exp R.T. : 7.512 min
Response: 0
Conc: N.D.



#39 AR-1262-4

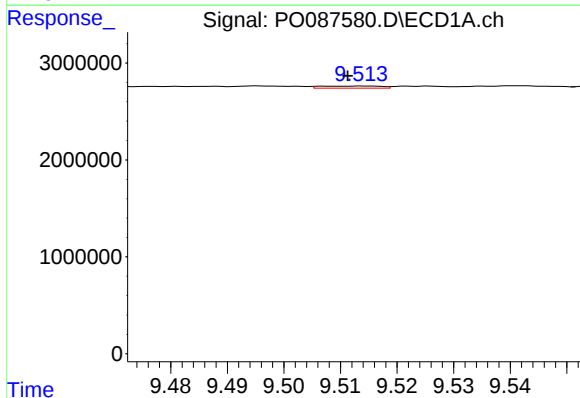
R.T.: 8.826 min
Delta R.T.: -0.004 min
Response: 89236
Conc: 1.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



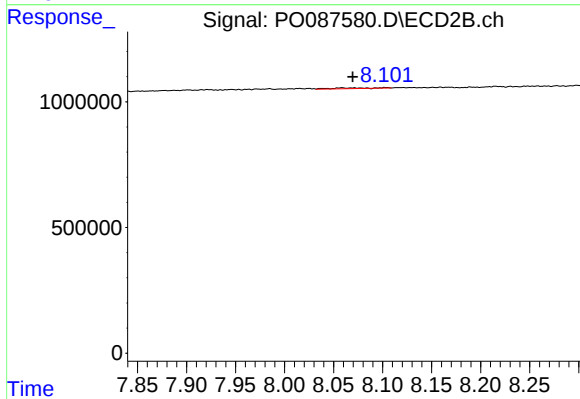
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.575 min
Response: 0
Conc: N.D.



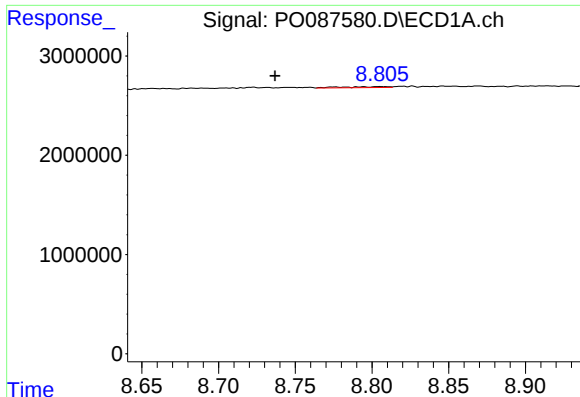
#40 AR-1262-5

R.T.: 9.514 min
Delta R.T.: 0.002 min
Response: 163730
Conc: 1.71 ng/ml



#40 AR-1262-5

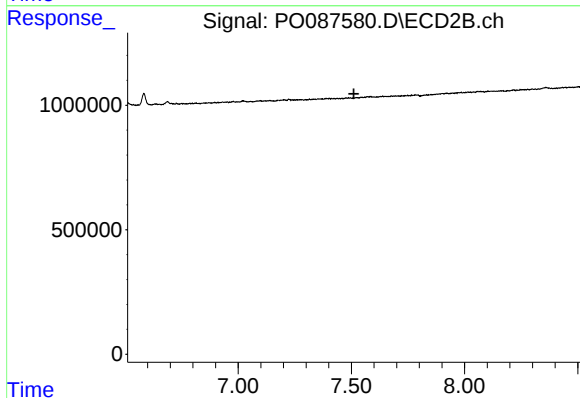
R.T.: 8.103 min
Delta R.T.: 0.033 min
Response: 81120
Conc: 2.42 ng/ml



#41 AR-1268-1

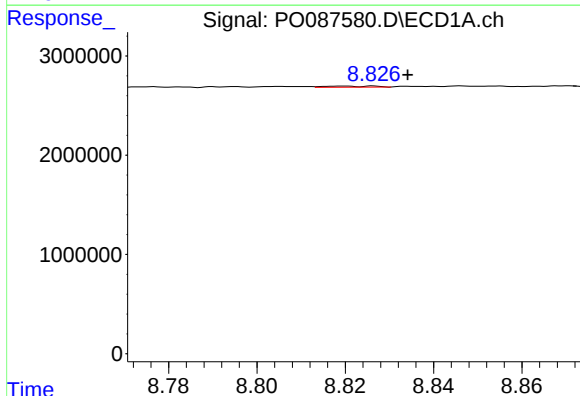
R.T.: 8.805 min
Delta R.T.: 0.068 min
Response: 203165
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



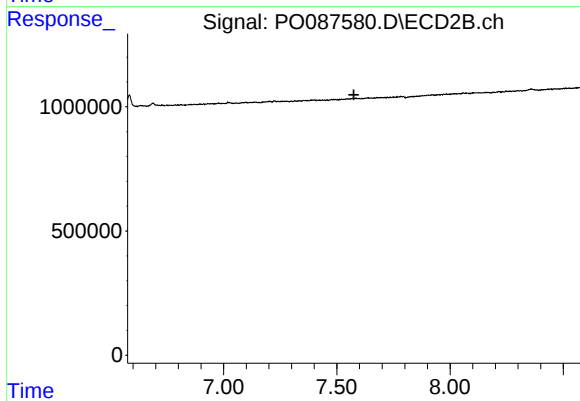
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.511 min
Response: 0
Conc: N.D.



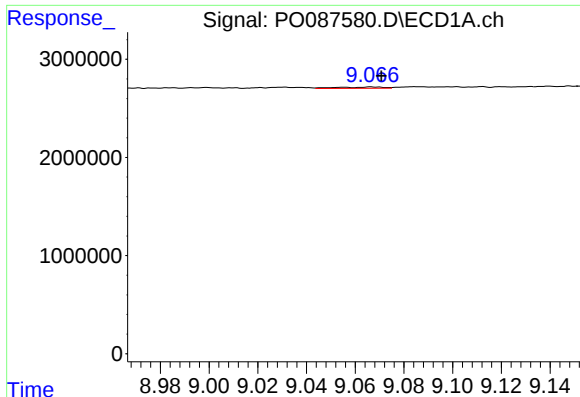
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: -0.008 min
Response: 89236
Conc: 0.33 ng/ml



#42 AR-1268-2

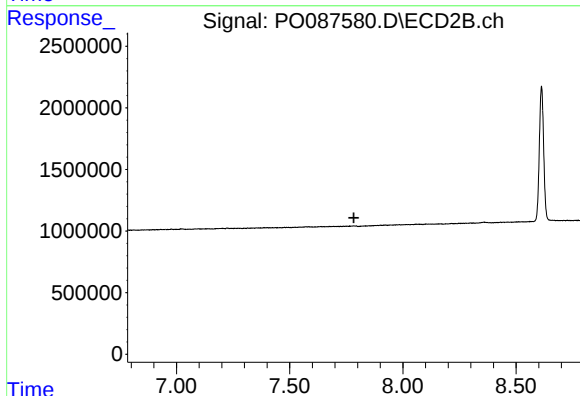
R.T.: 0.000 min
Exp R.T. : 7.575 min
Response: 0
Conc: N.D.



#43 AR-1268-3

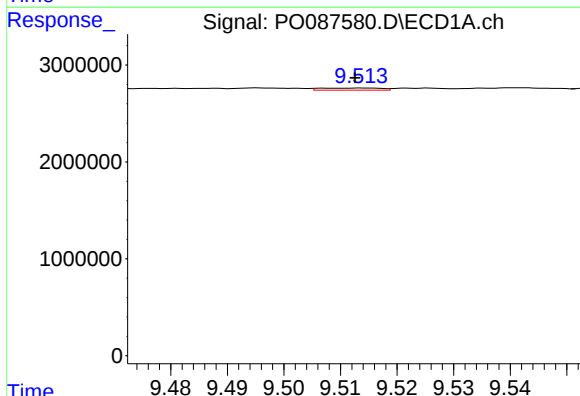
R.T.: 9.067 min
Delta R.T.: -0.004 min
Response: 175307
Conc: 0.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



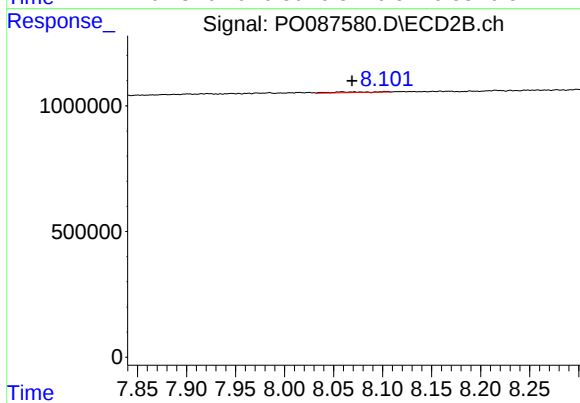
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.783 min
Response: 0
Conc: N.D.



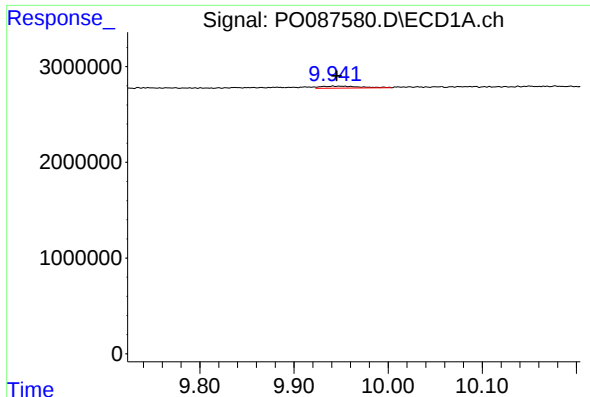
#44 AR-1268-4

R.T.: 9.514 min
Delta R.T.: 0.001 min
Response: 163730
Conc: 1.60 ng/ml



#44 AR-1268-4

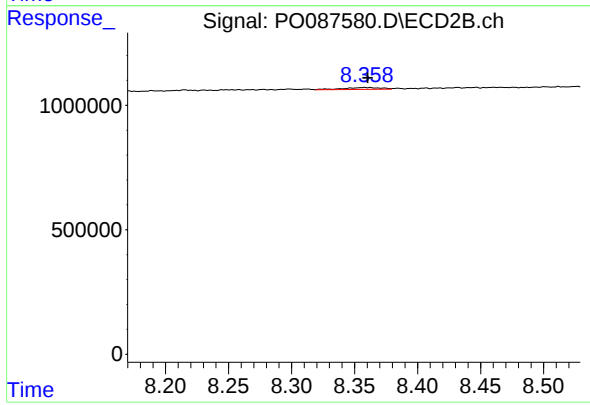
R.T.: 8.103 min
Delta R.T.: 0.034 min
Response: 81120
Conc: 2.29 ng/ml



#45 AR-1268-5

R.T.: 9.941 min
Delta R.T.: -0.004 min
Response: 573832
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.358 min
Delta R.T.: -0.002 min
Response: 149612
Conc: 0.60 ng/ml