

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062922\
 Data File : P0087558.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 13:07
 Operator : YP/AJ
 Sample : N3214-01
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 03:03:46 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	3.608	46034460	18242524	17.785	18.539
2)	SA Decachlor...	10.299	8.612	42356434	13323216	20.736	16.435
Target Compounds							
3)	L1 AR-1016-1	5.625	4.688	1173363	503784	13.073	12.598
4)	L1 AR-1016-2	5.647	4.707	1341472	477854	10.674	8.571
5)	L1 AR-1016-3	5.710	4.884	788409	264196	10.130	8.974
6)	L1 AR-1016-4	5.809	4.925	644112	673552	10.538	28.028 #
7)	L1 AR-1016-5	6.106	5.138	1923099	912727	32.089	29.839
8)	L2 AR-1221-1	4.658	0.000	568420	0	18.479	N.D. #
9)	L2 AR-1221-2	4.757	3.905	686397	449737	30.282	50.585 #
10)	L2 AR-1221-3	4.821	0.000	124776	0	1.784	N.D. #
11)	L3 AR-1232-1	4.821	0.000	124776	0	1.906	N.D. #
12)	L3 AR-1232-2	5.161	4.707	796550	477854	24.668	19.597
13)	L3 AR-1232-3	5.647	4.884	1341472	264196	22.244	21.273
14)	L3 AR-1232-4	5.809	4.966	644112	684795	21.999	60.397 #
15)	L3 AR-1232-5	5.901	5.138	1881084	912727	76.283	72.734
16)	L4 AR-1242-1	5.625	4.688	1173363	503784	16.181	17.652
17)	L4 AR-1242-2	5.647	4.707	1341472	477854	13.138	12.250
18)	L4 AR-1242-3	5.710	4.884	788409	264196	12.276	12.675
19)	L4 AR-1242-4	5.809	4.966	644112	684795	12.652	32.413 #
20)	L4 AR-1242-5	6.551	5.489	2162776	1127143	40.735	43.120
21)	L5 AR-1248-1	5.625	4.688	1173363	503784	20.439	21.709
22)	L5 AR-1248-2	5.901	4.925	1881084	673552	22.563	21.430
23)	L5 AR-1248-3	6.106	4.966	1923099	684795	21.465	21.098
24)	L5 AR-1248-4	6.513	5.138	2227507	912727	22.645	23.658
25)	L5 AR-1248-5	6.551	5.531	2162776	756957	22.500	20.766
26)	L6 AR-1254-1	6.485	5.489	1795221	1127143	17.910	20.390
27)	L6 AR-1254-2	6.709	5.637	2354087	329866	15.426	6.743 #
28)	L6 AR-1254-3	7.074	6.040	1530078	558504	10.046	7.360 #
29)	L6 AR-1254-4	7.361	6.270	1071306	330258	9.732	7.275 #
30)	L6 AR-1254-5	7.783	6.686	159761	78604	1.331	1.230
31)	L7 AR-1260-1	7.239	6.184	151847	256808	1.355	4.549 #
32)	L7 AR-1260-2	7.464f	0.000	85316	0	0.626	N.D. #
33)	L7 AR-1260-3	7.862	6.583f	182328	361729	1.947	5.726 #
34)	L7 AR-1260-4	8.078	0.000	82172	0	0.786	N.D. #
35)	L7 AR-1260-5	8.409	0.000	340130	0	1.724	N.D. #
36)	L8 AR-1262-1	7.862	0.000	182328	0	1.274	N.D. #
37)	L8 AR-1262-2	8.409	0.000	340130	0	1.353	N.D. #
38)	L8 AR-1262-3	8.677f	0.000	16812	0	0.093	N.D. #
39)	L8 AR-1262-4	8.865	0.000	72349	0	0.837	N.D. #
40)	L8 AR-1262-5	9.474f	0.000	405312	0	4.231	N.D. #
41)	L9 AR-1268-1	8.677f	0.000	16812	0	0.057	N.D. #

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 Acq On : 29 Jun 2022 13:07
 Operator : YP/AJ
 Sample : N3214-01
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

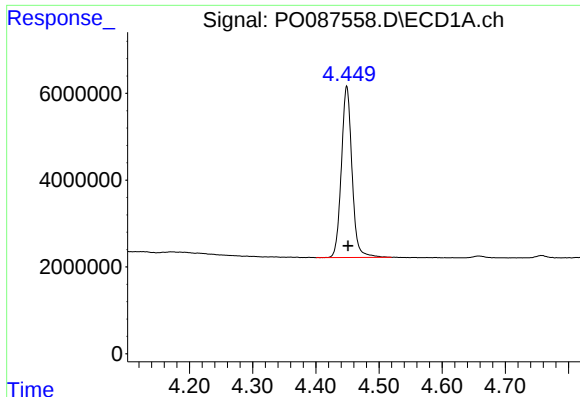
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 03:03:46 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	8.865	0.000	72349	0	0.269	N.D. #
43) L9	AR-1268-3	9.062	0.000	245690	0	1.051	N.D. #
44) L9	AR-1268-4	9.474f	0.000	405312	0	3.965	N.D. #
45) L9	AR-1268-5	9.946	8.355	62636	133823	0.083	0.534 #

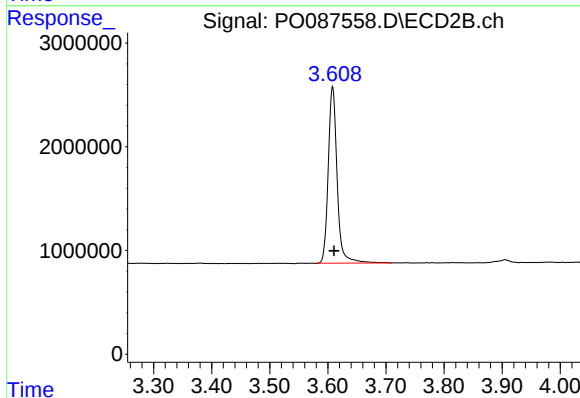
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

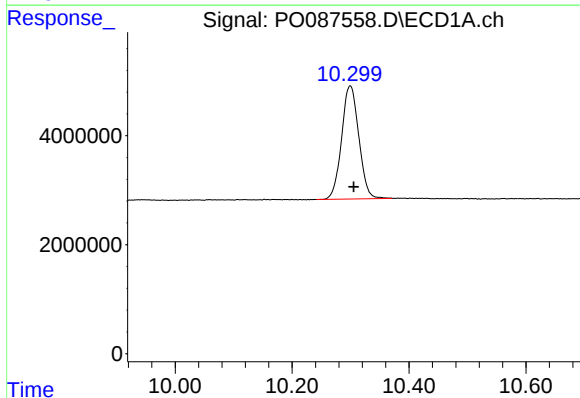
R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 46034460
Conc: 17.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



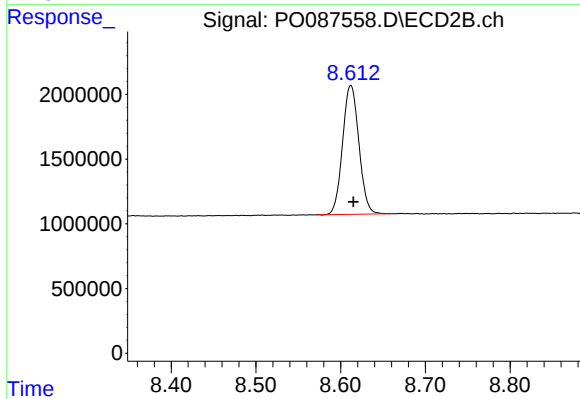
#1 Tetrachloro-m-xylene

R.T.: 3.608 min
Delta R.T.: -0.003 min
Response: 18242524
Conc: 18.54 ng/ml



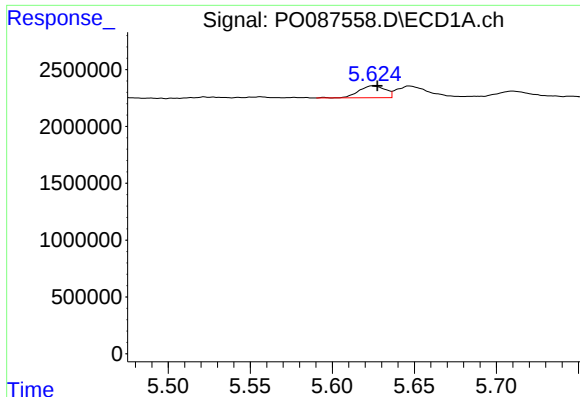
#2 Decachlorobiphenyl

R.T.: 10.299 min
Delta R.T.: -0.006 min
Response: 42356434
Conc: 20.74 ng/ml



#2 Decachlorobiphenyl

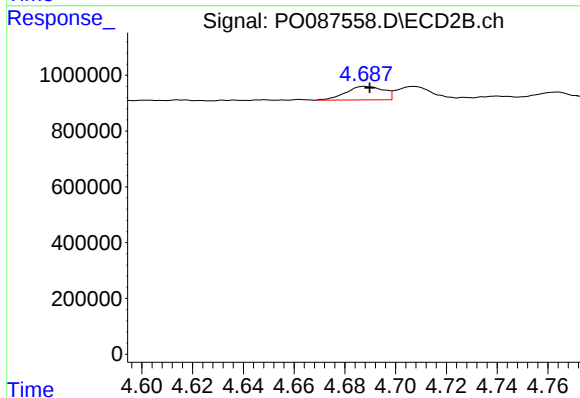
R.T.: 8.612 min
Delta R.T.: -0.003 min
Response: 13323216
Conc: 16.43 ng/ml



#3 AR-1016-1

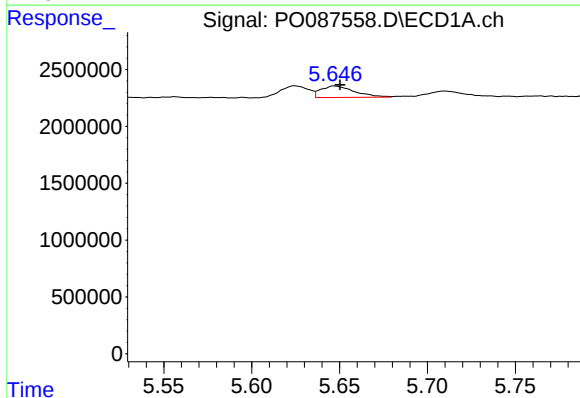
R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 1173363
Conc: 13.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



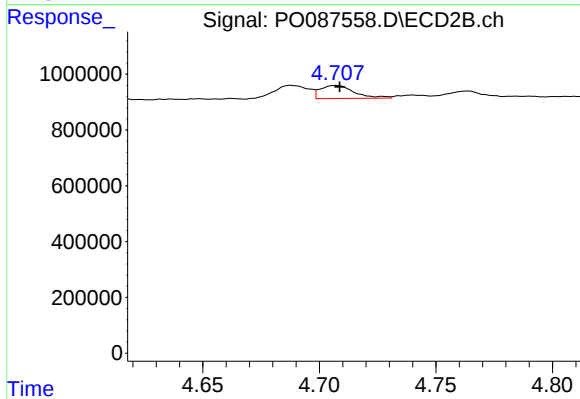
#3 AR-1016-1

R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 503784
Conc: 12.60 ng/ml



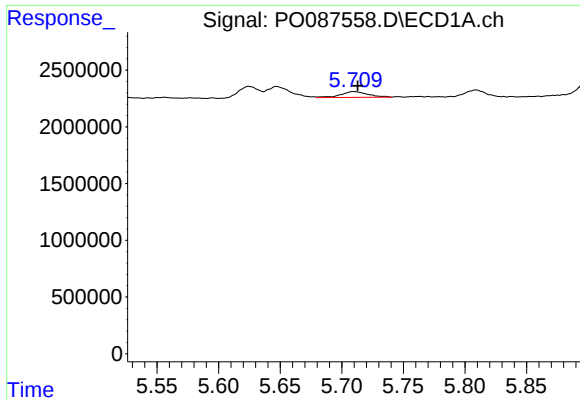
#4 AR-1016-2

R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 1341472
Conc: 10.67 ng/ml



#4 AR-1016-2

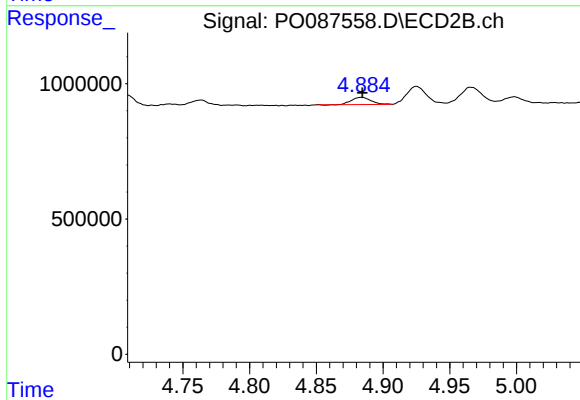
R.T.: 4.707 min
Delta R.T.: -0.002 min
Response: 477854
Conc: 8.57 ng/ml



#5 AR-1016-3

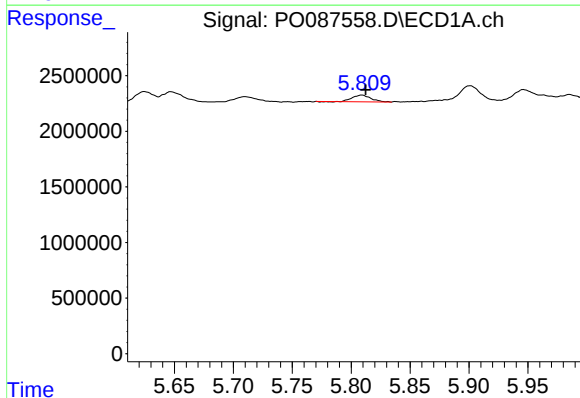
R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 788409
Conc: 10.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



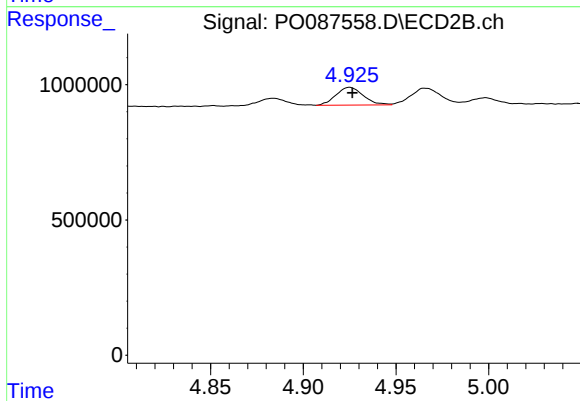
#5 AR-1016-3

R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 264196
Conc: 8.97 ng/ml



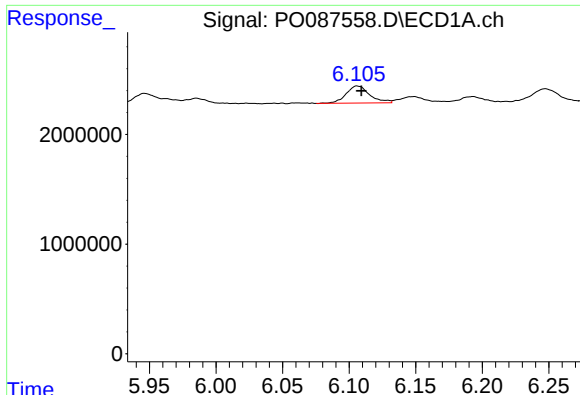
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 644112
Conc: 10.54 ng/ml



#6 AR-1016-4

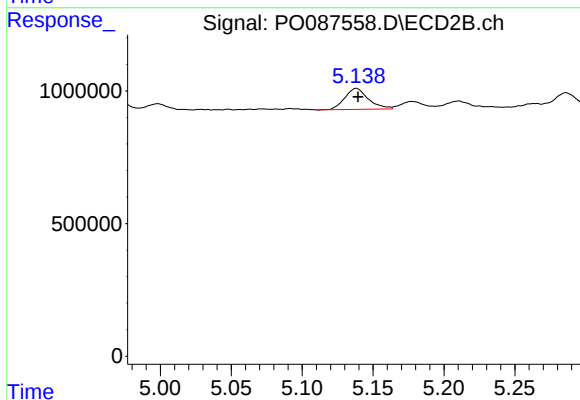
R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 673552
Conc: 28.03 ng/ml



#7 AR-1016-5

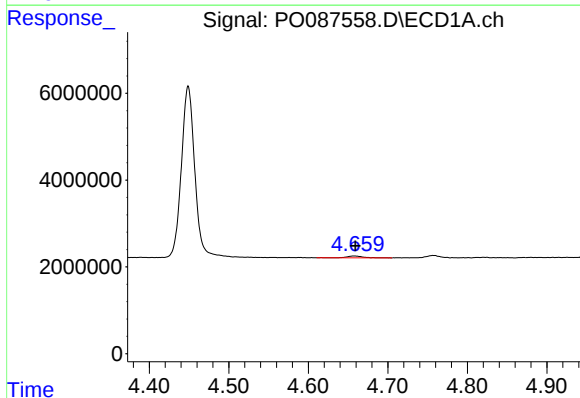
R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 1923099
Conc: 32.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



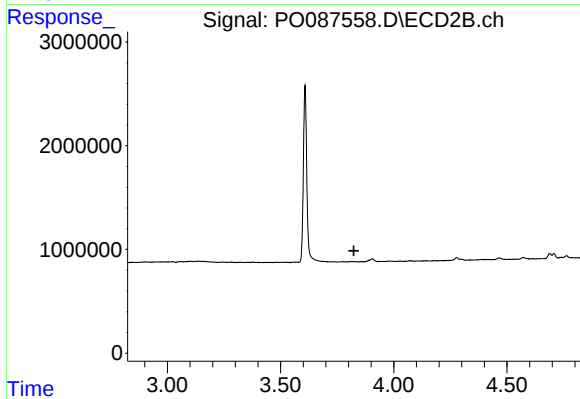
#7 AR-1016-5

R.T.: 5.138 min
Delta R.T.: -0.001 min
Response: 912727
Conc: 29.84 ng/ml



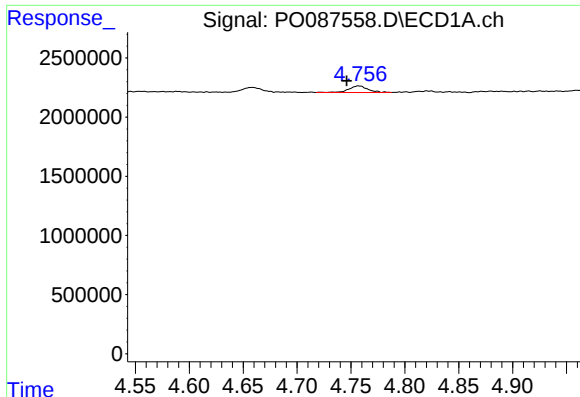
#8 AR-1221-1

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 568420
Conc: 18.48 ng/ml



#8 AR-1221-1

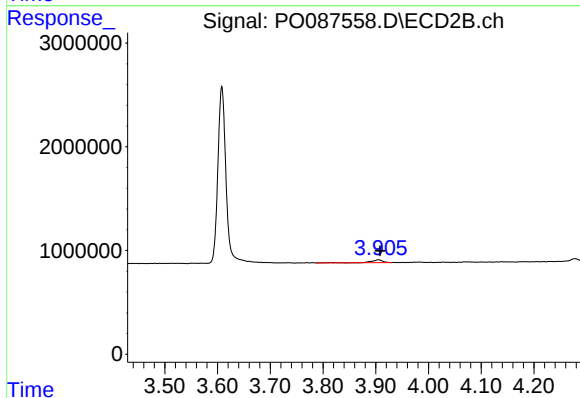
R.T.: 0.000 min
Exp R.T. : 3.824 min
Response: 0
Conc: N.D.



#9 AR-1221-2

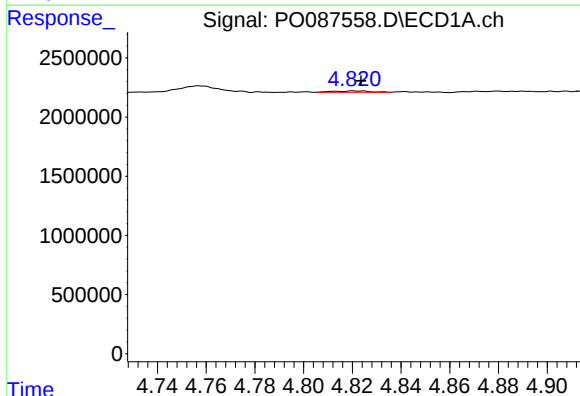
R.T.: 4.757 min
Delta R.T.: 0.011 min
Response: 686397
Conc: 30.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



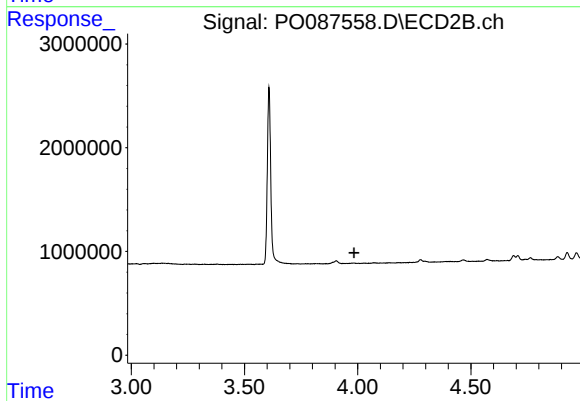
#9 AR-1221-2

R.T.: 3.905 min
Delta R.T.: -0.003 min
Response: 449737
Conc: 50.58 ng/ml



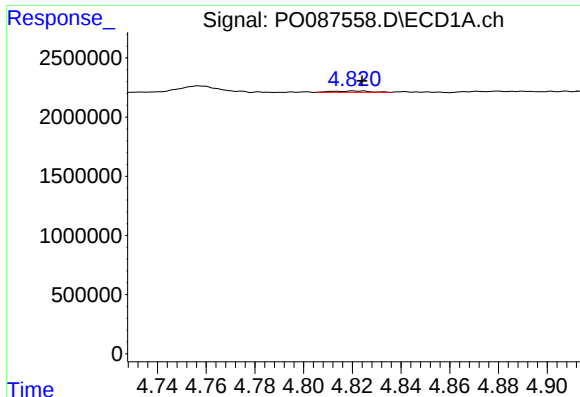
#10 AR-1221-3

R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 124776
Conc: 1.78 ng/ml



#10 AR-1221-3

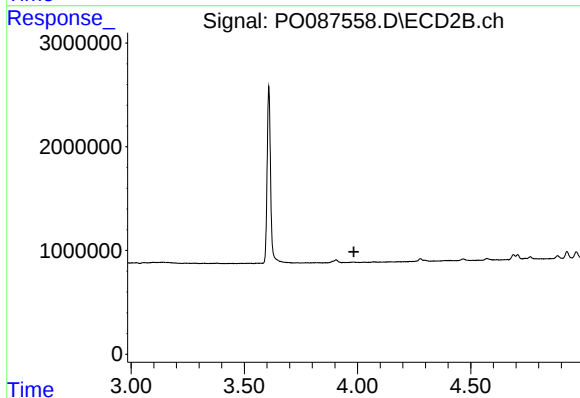
R.T.: 0.000 min
Exp R.T. : 3.984 min
Response: 0
Conc: N.D.



#11 AR-1232-1

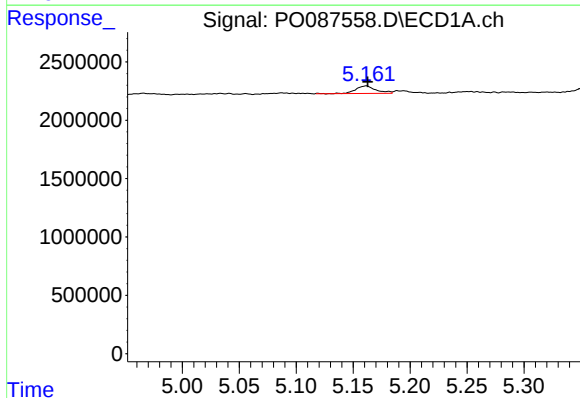
R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 124776
Conc: 1.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



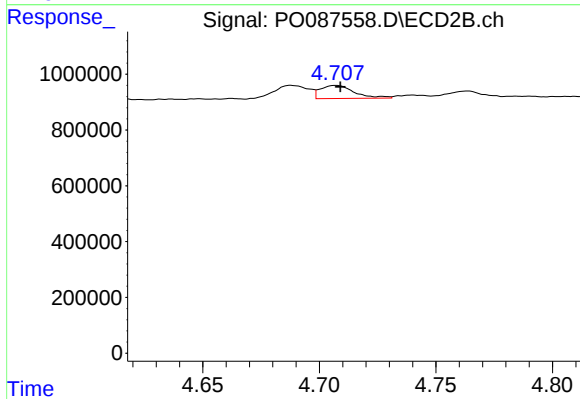
#11 AR-1232-1

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



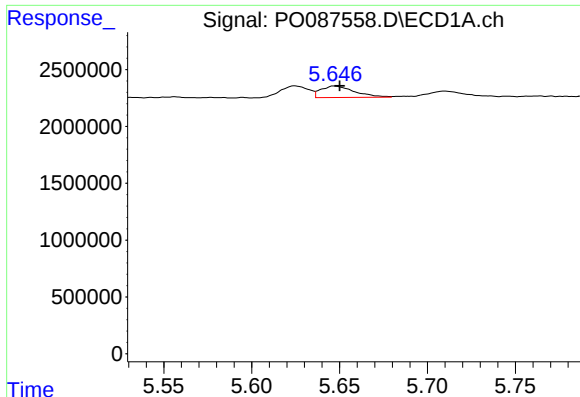
#12 AR-1232-2

R.T.: 5.161 min
Delta R.T.: -0.001 min
Response: 796550
Conc: 24.67 ng/ml



#12 AR-1232-2

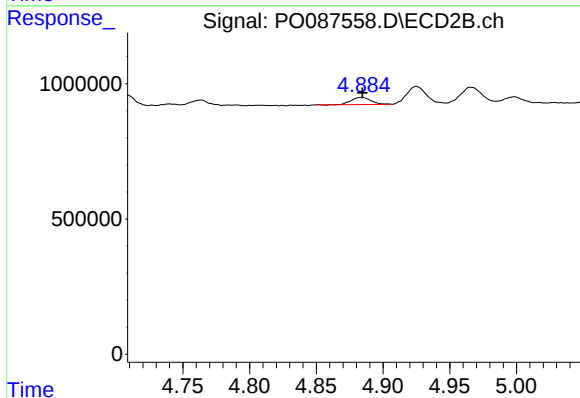
R.T.: 4.707 min
Delta R.T.: -0.002 min
Response: 477854
Conc: 19.60 ng/ml



#13 AR-1232-3

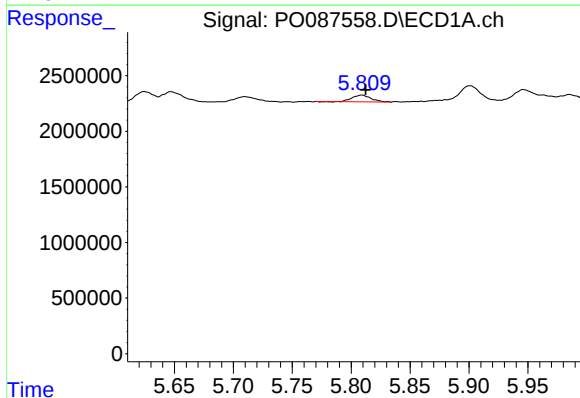
R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 1341472
Conc: 22.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



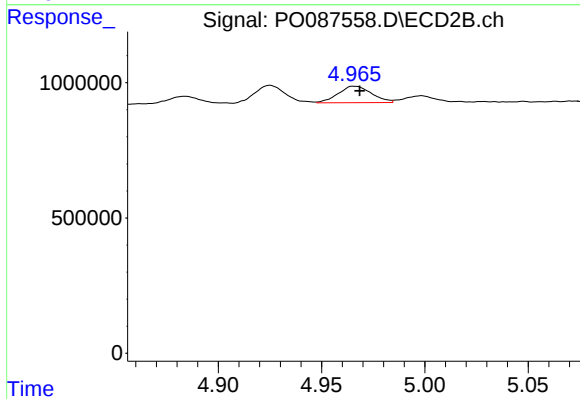
#13 AR-1232-3

R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 264196
Conc: 21.27 ng/ml



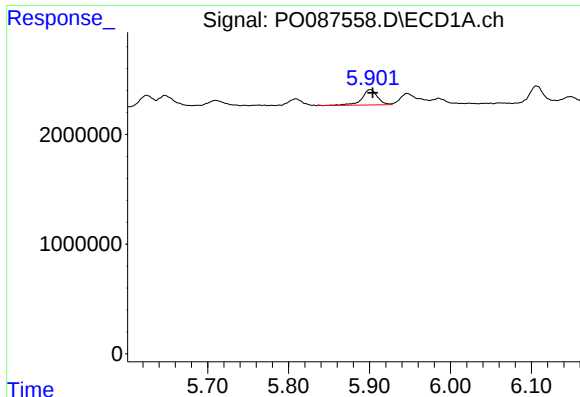
#14 AR-1232-4

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 644112
Conc: 22.00 ng/ml



#14 AR-1232-4

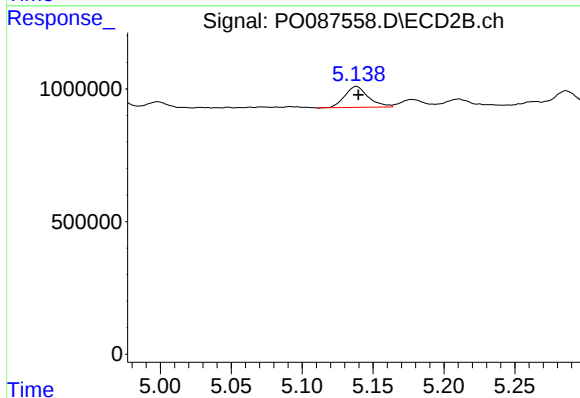
R.T.: 4.966 min
Delta R.T.: -0.002 min
Response: 684795
Conc: 60.40 ng/ml



#15 AR-1232-5

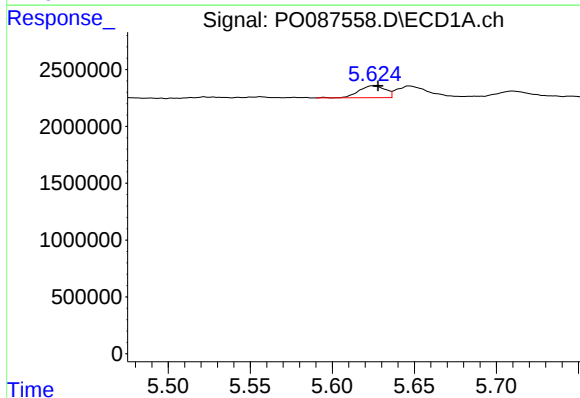
R.T.: 5.901 min
Delta R.T.: -0.003 min
Response: 1881084
Conc: 76.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



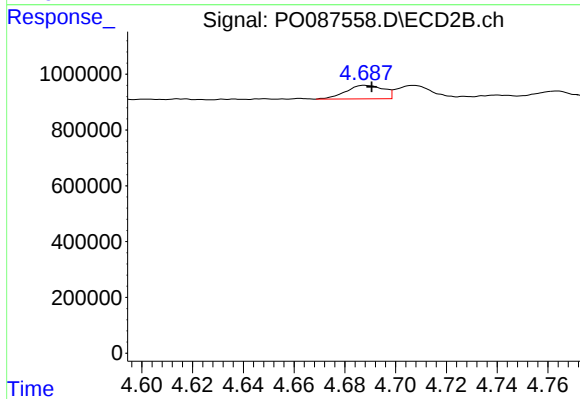
#15 AR-1232-5

R.T.: 5.138 min
Delta R.T.: -0.001 min
Response: 912727
Conc: 72.73 ng/ml



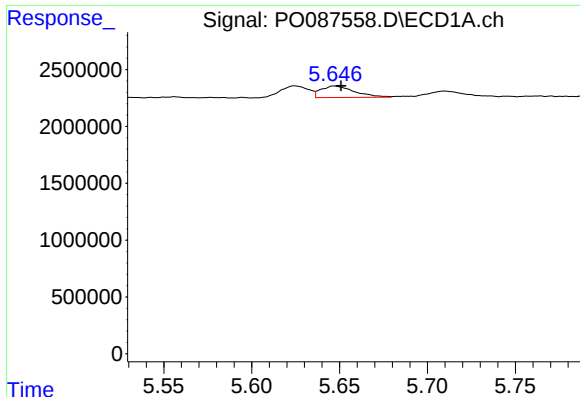
#16 AR-1242-1

R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 1173363
Conc: 16.18 ng/ml



#16 AR-1242-1

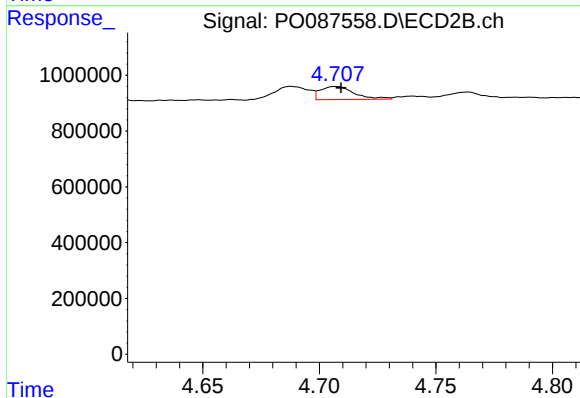
R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 503784
Conc: 17.65 ng/ml



#17 AR-1242-2

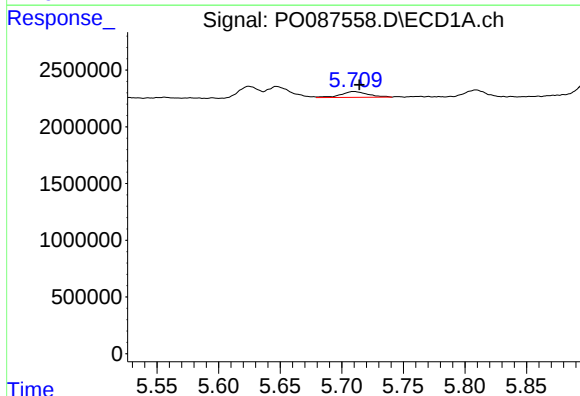
R.T.: 5.647 min
Delta R.T.: -0.004 min
Response: 1341472
Conc: 13.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



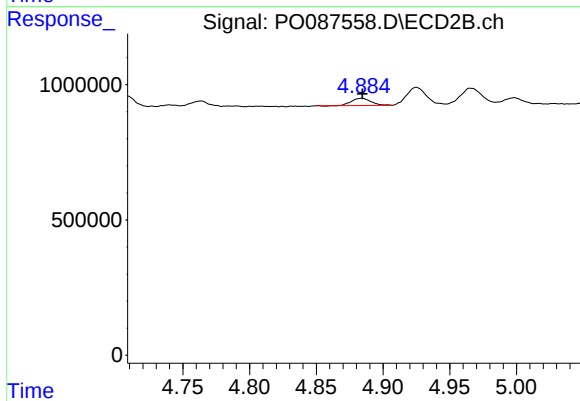
#17 AR-1242-2

R.T.: 4.707 min
Delta R.T.: -0.002 min
Response: 477854
Conc: 12.25 ng/ml



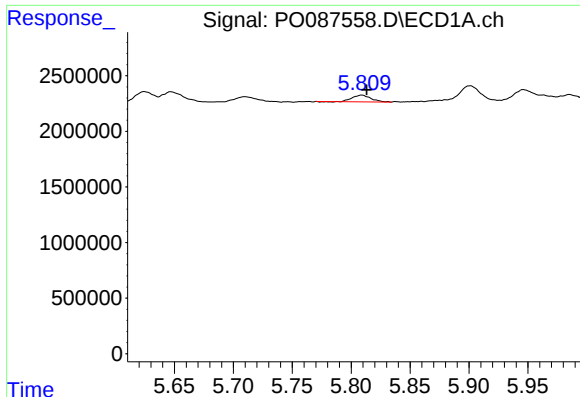
#18 AR-1242-3

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 788409
Conc: 12.28 ng/ml



#18 AR-1242-3

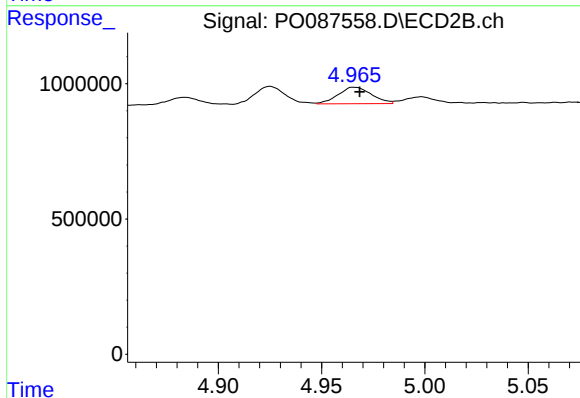
R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 264196
Conc: 12.67 ng/ml



#19 AR-1242-4

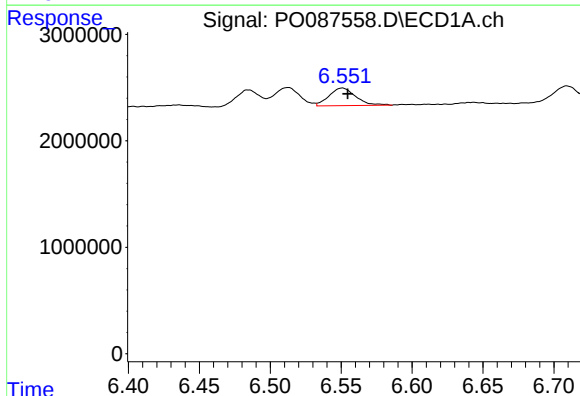
R.T.: 5.809 min
Delta R.T.: -0.004 min
Response: 644112
Conc: 12.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



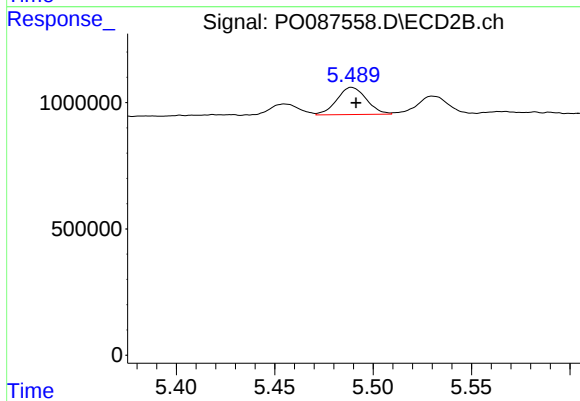
#19 AR-1242-4

R.T.: 4.966 min
Delta R.T.: -0.003 min
Response: 684795
Conc: 32.41 ng/ml



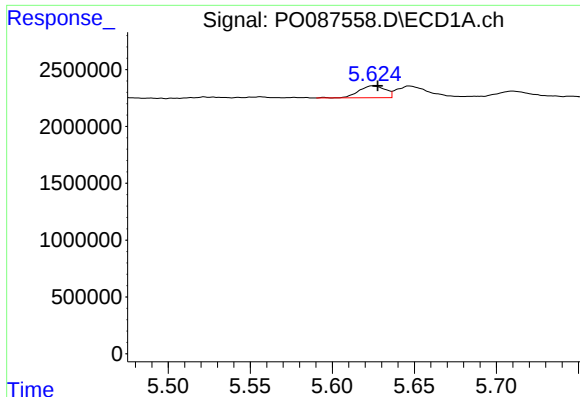
#20 AR-1242-5

R.T.: 6.551 min
Delta R.T.: -0.004 min
Response: 2162776
Conc: 40.74 ng/ml



#20 AR-1242-5

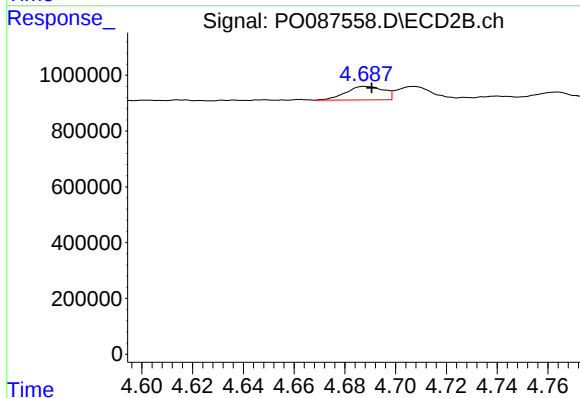
R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 1127143
Conc: 43.12 ng/ml



#21 AR-1248-1

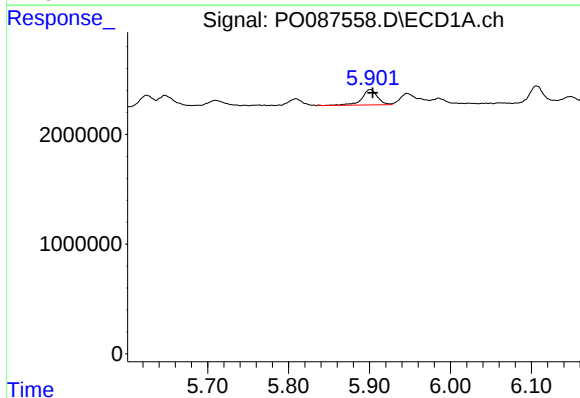
R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 1173363
Conc: 20.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



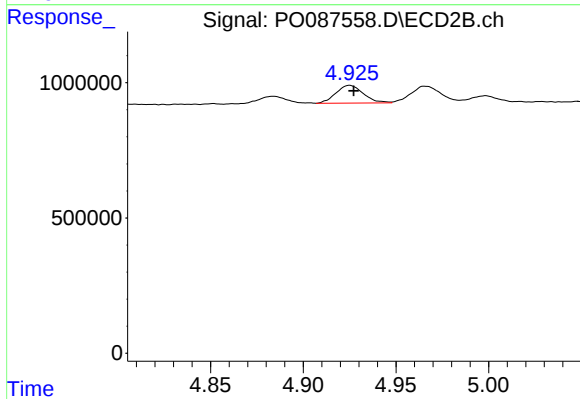
#21 AR-1248-1

R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 503784
Conc: 21.71 ng/ml



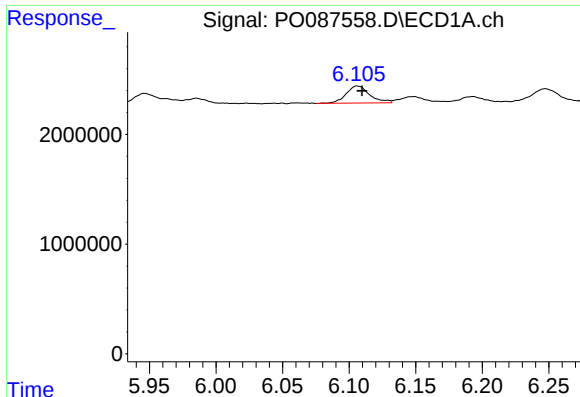
#22 AR-1248-2

R.T.: 5.901 min
Delta R.T.: -0.003 min
Response: 1881084
Conc: 22.56 ng/ml



#22 AR-1248-2

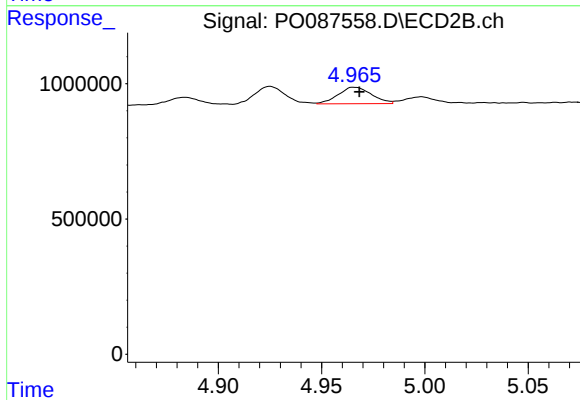
R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 673552
Conc: 21.43 ng/ml



#23 AR-1248-3

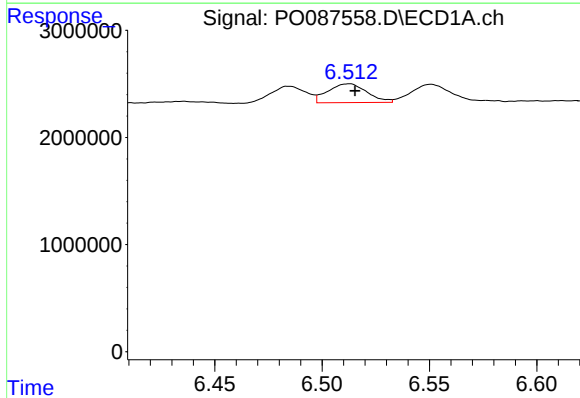
R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 1923099
Conc: 21.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



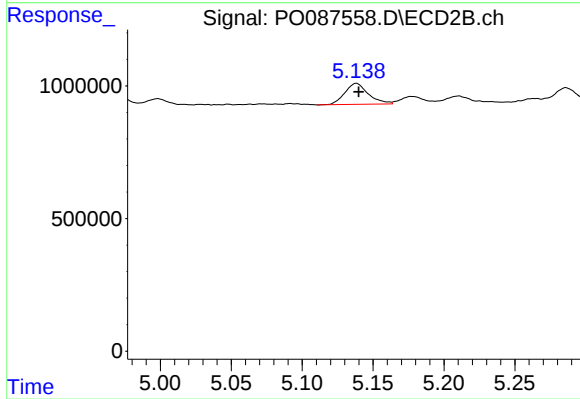
#23 AR-1248-3

R.T.: 4.966 min
Delta R.T.: -0.002 min
Response: 684795
Conc: 21.10 ng/ml



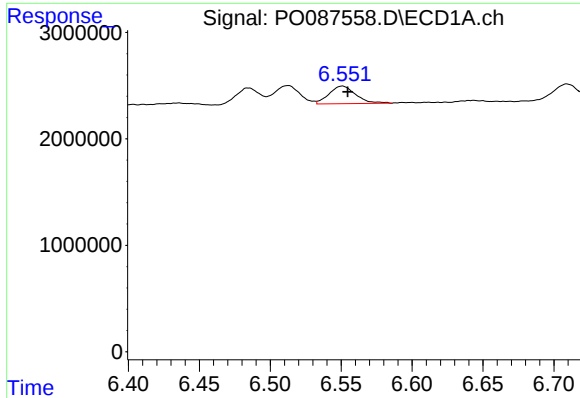
#24 AR-1248-4

R.T.: 6.513 min
Delta R.T.: -0.003 min
Response: 2227507
Conc: 22.65 ng/ml



#24 AR-1248-4

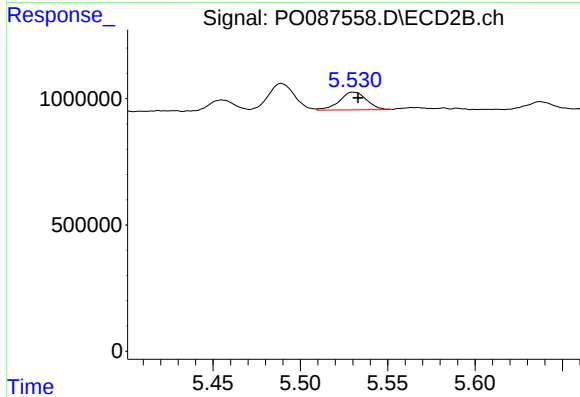
R.T.: 5.138 min
Delta R.T.: -0.002 min
Response: 912727
Conc: 23.66 ng/ml



#25 AR-1248-5

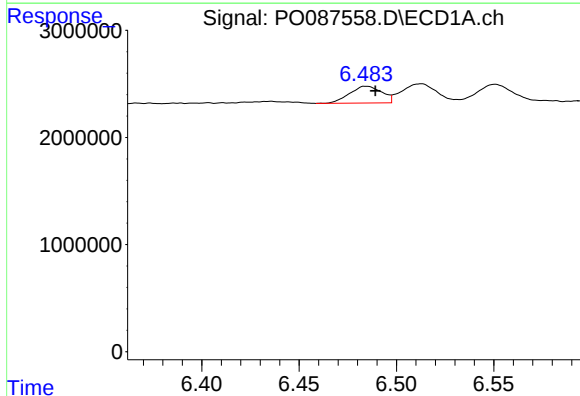
R.T.: 6.551 min
Delta R.T.: -0.004 min
Response: 2162776
Conc: 22.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



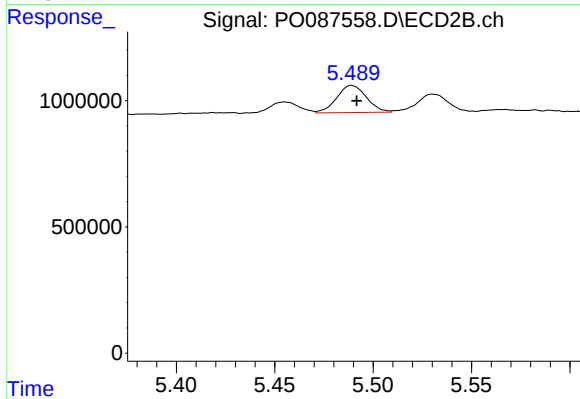
#25 AR-1248-5

R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 756957
Conc: 20.77 ng/ml



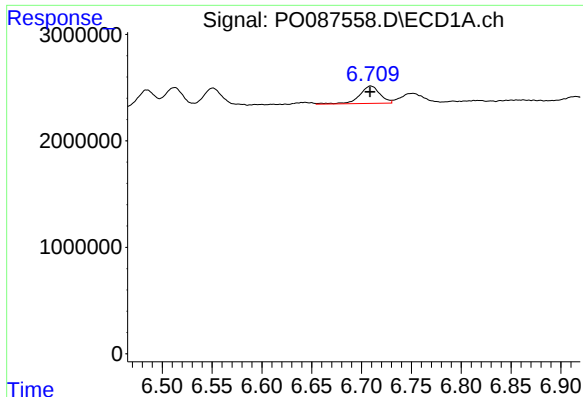
#26 AR-1254-1

R.T.: 6.485 min
Delta R.T.: -0.005 min
Response: 1795221
Conc: 17.91 ng/ml



#26 AR-1254-1

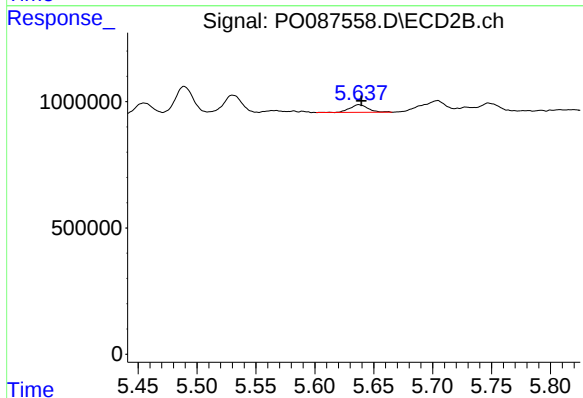
R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 1127143
Conc: 20.39 ng/ml



#27 AR-1254-2

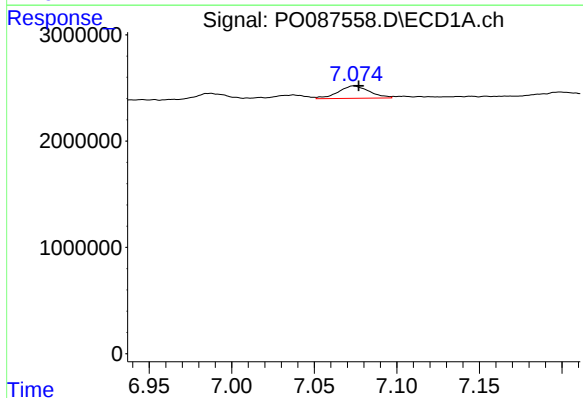
R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 2354087
Conc: 15.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



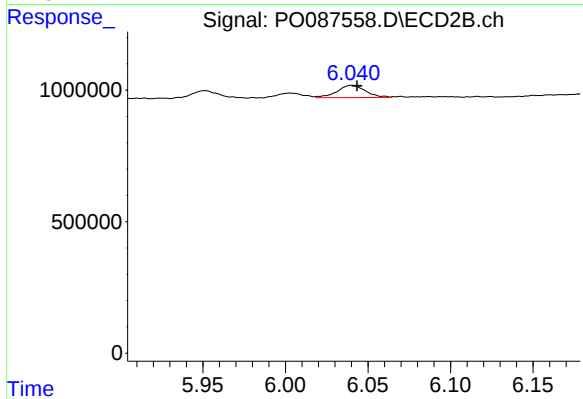
#27 AR-1254-2

R.T.: 5.637 min
Delta R.T.: -0.002 min
Response: 329866
Conc: 6.74 ng/ml



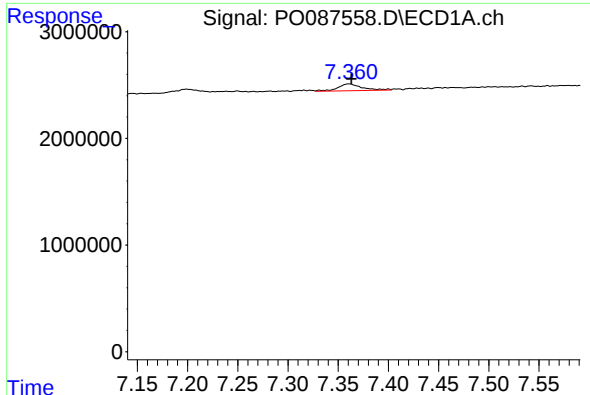
#28 AR-1254-3

R.T.: 7.074 min
Delta R.T.: -0.003 min
Response: 1530078
Conc: 10.05 ng/ml



#28 AR-1254-3

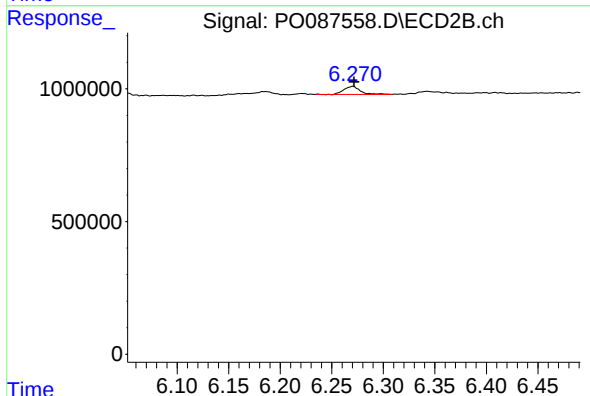
R.T.: 6.040 min
Delta R.T.: -0.003 min
Response: 558504
Conc: 7.36 ng/ml



#29 AR-1254-4

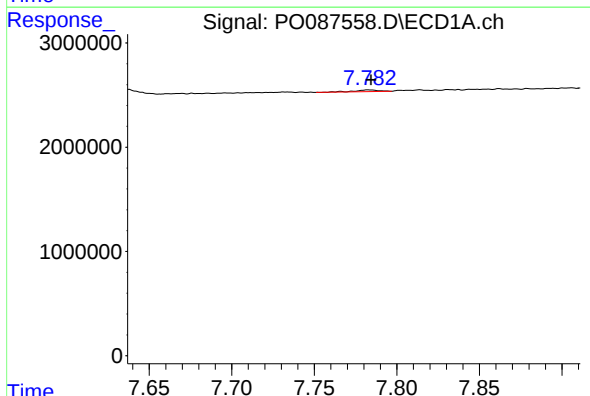
R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 1071306
Conc: 9.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



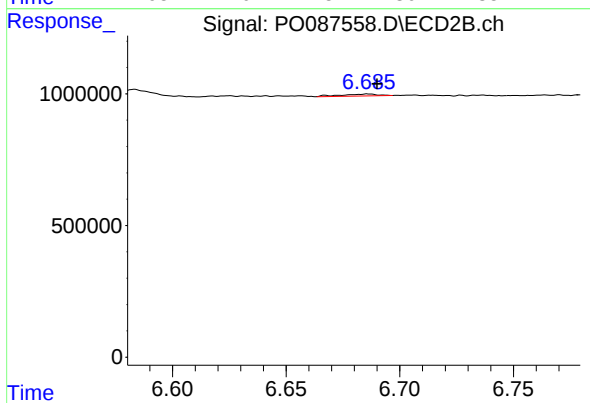
#29 AR-1254-4

R.T.: 6.270 min
Delta R.T.: -0.001 min
Response: 330258
Conc: 7.27 ng/ml



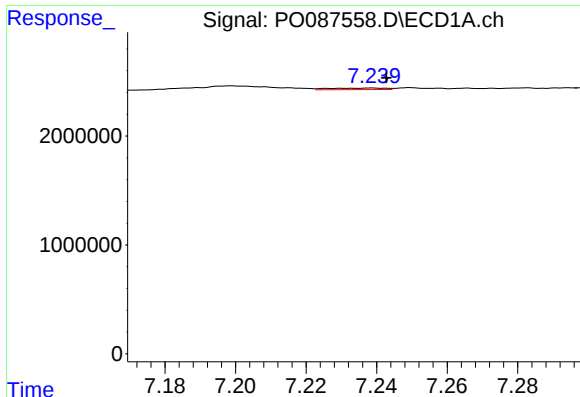
#30 AR-1254-5

R.T.: 7.783 min
Delta R.T.: -0.001 min
Response: 159761
Conc: 1.33 ng/ml



#30 AR-1254-5

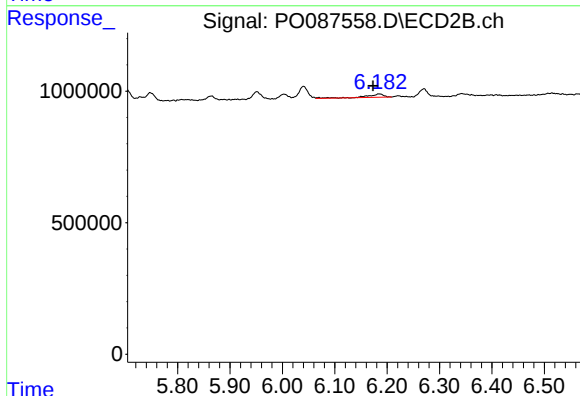
R.T.: 6.686 min
Delta R.T.: -0.004 min
Response: 78604
Conc: 1.23 ng/ml



#31 AR-1260-1

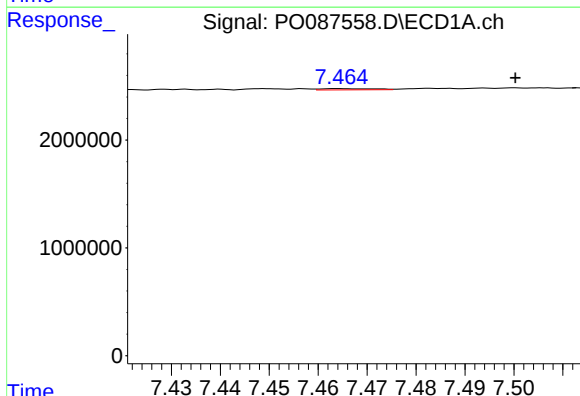
R.T.: 7.239 min
Delta R.T.: -0.004 min
Response: 151847
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



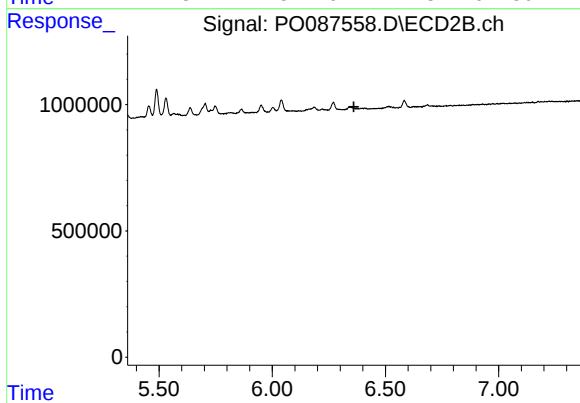
#31 AR-1260-1

R.T.: 6.184 min
Delta R.T.: 0.011 min
Response: 256808
Conc: 4.55 ng/ml



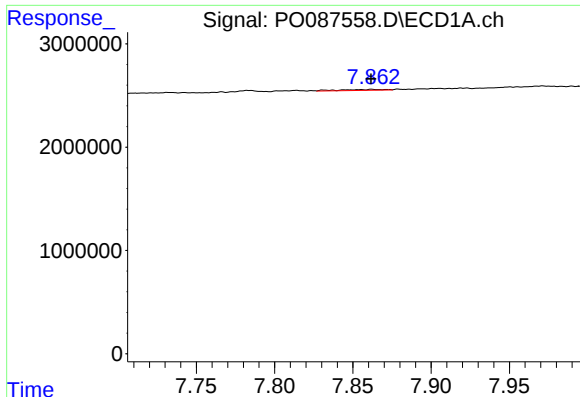
#32 AR-1260-2

R.T.: 7.464 min
Delta R.T.: -0.036 min
Response: 85316
Conc: 0.63 ng/ml



#32 AR-1260-2

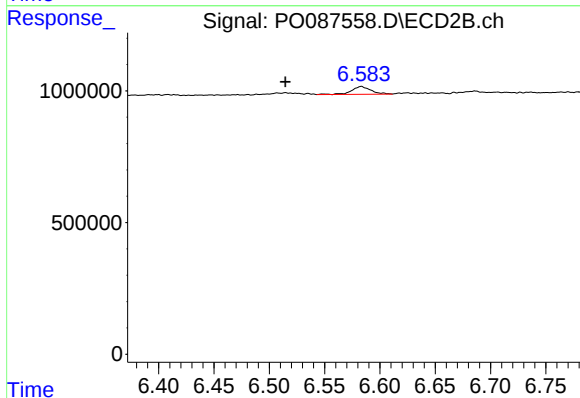
R.T.: 0.000 min
Exp R.T.: 6.361 min
Response: 0
Conc: N.D.



#33 AR-1260-3

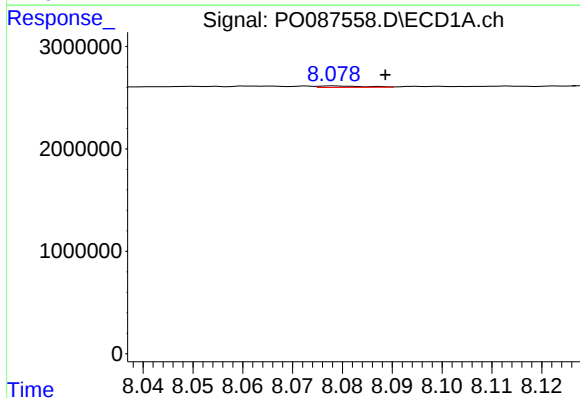
R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 182328
Conc: 1.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



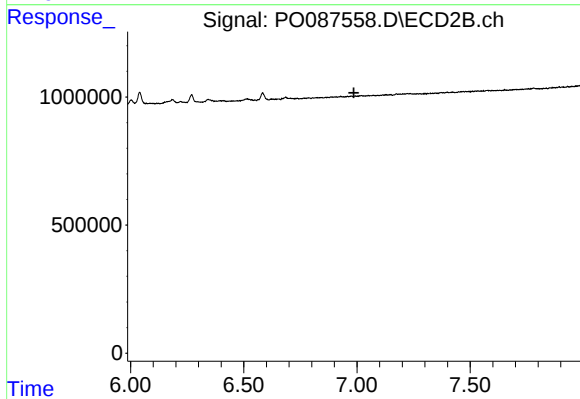
#33 AR-1260-3

R.T.: 6.583 min
Delta R.T.: 0.069 min
Response: 361729
Conc: 5.73 ng/ml



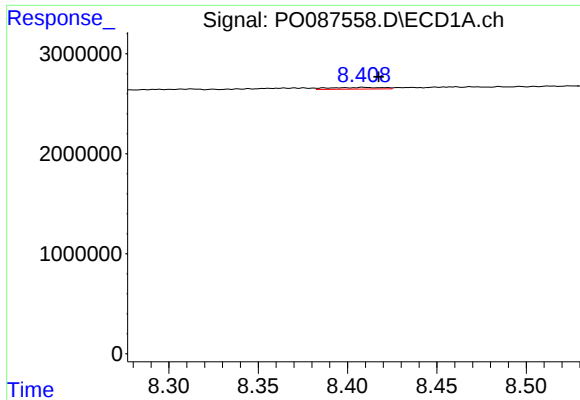
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: -0.010 min
Response: 82172
Conc: 0.79 ng/ml



#34 AR-1260-4

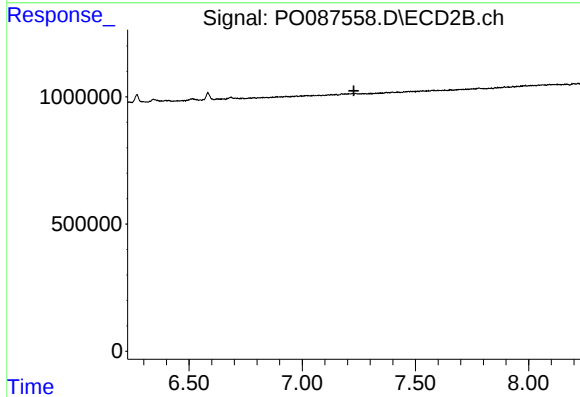
R.T.: 0.000 min
Exp R.T.: 6.987 min
Response: 0
Conc: N.D.



#35 AR-1260-5

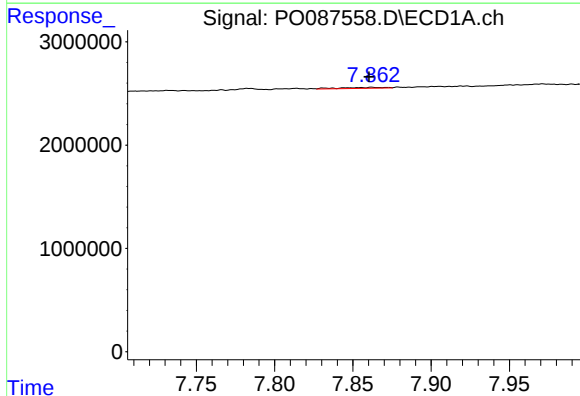
R.T.: 8.409 min
Delta R.T.: -0.009 min
Response: 340130
Conc: 1.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



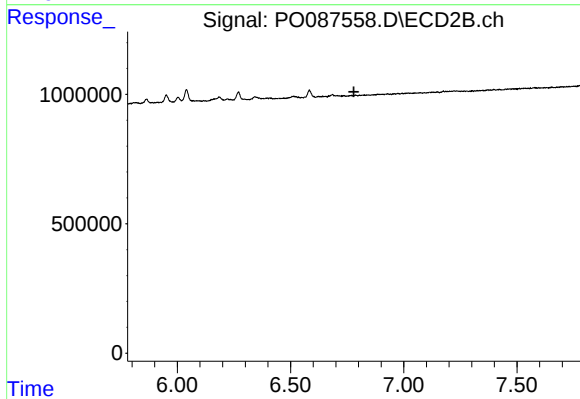
#35 AR-1260-5

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



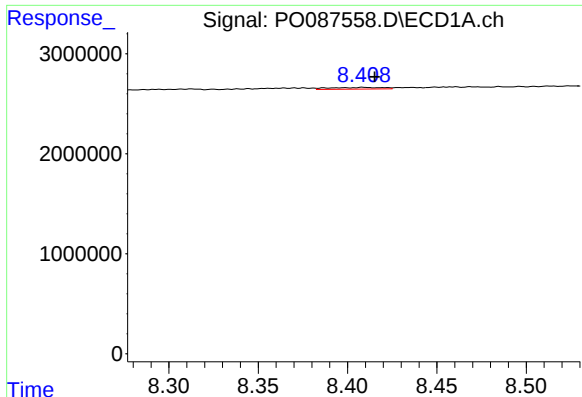
#36 AR-1262-1

R.T.: 7.862 min
Delta R.T.: 0.002 min
Response: 182328
Conc: 1.27 ng/ml



#36 AR-1262-1

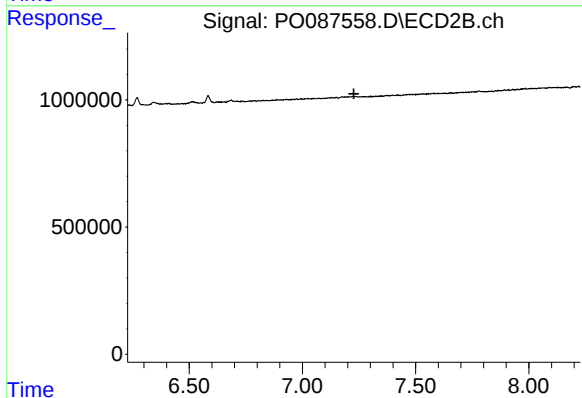
R.T.: 0.000 min
Exp R.T. : 6.780 min
Response: 0
Conc: N.D.



#37 AR-1262-2

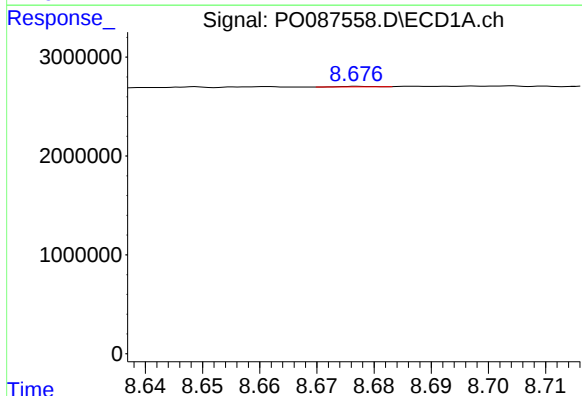
R.T.: 8.409 min
Delta R.T.: -0.006 min
Response: 340130
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



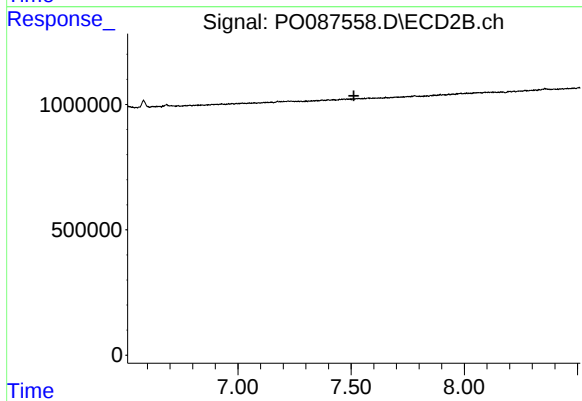
#37 AR-1262-2

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



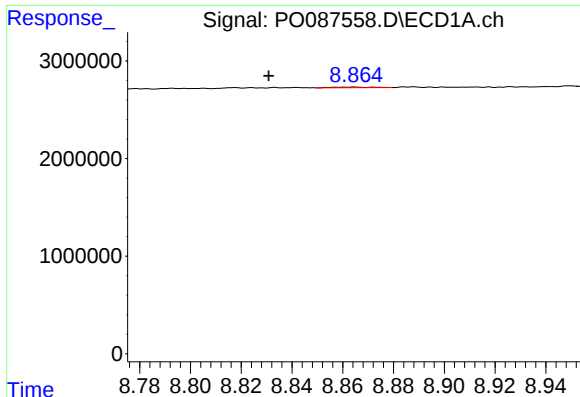
#38 AR-1262-3

R.T.: 8.677 min
Delta R.T.: -0.062 min
Response: 16812
Conc: 0.09 ng/ml



#38 AR-1262-3

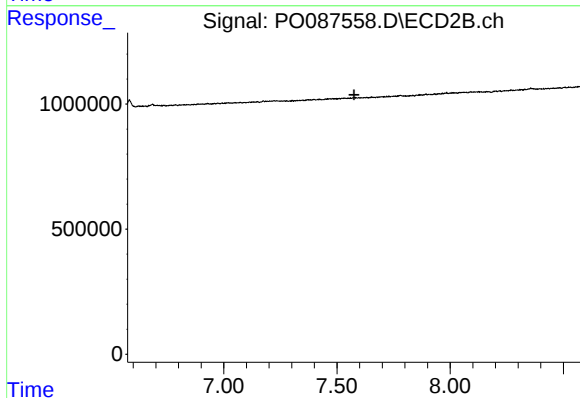
R.T.: 0.000 min
Exp R.T. : 7.512 min
Response: 0
Conc: N.D.



#39 AR-1262-4

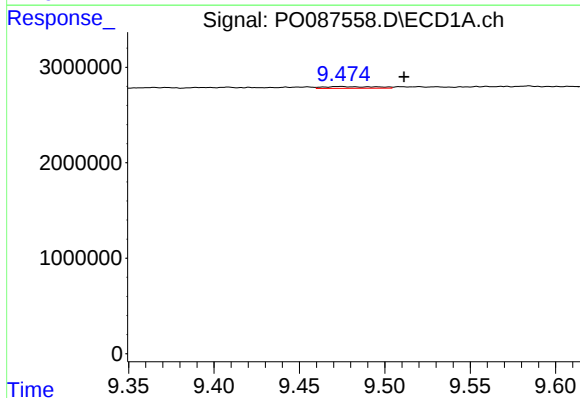
R.T.: 8.865 min
Delta R.T.: 0.034 min
Response: 72349
Conc: 0.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



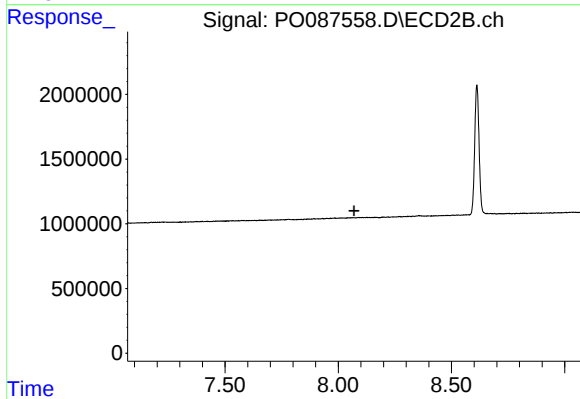
#39 AR-1262-4

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



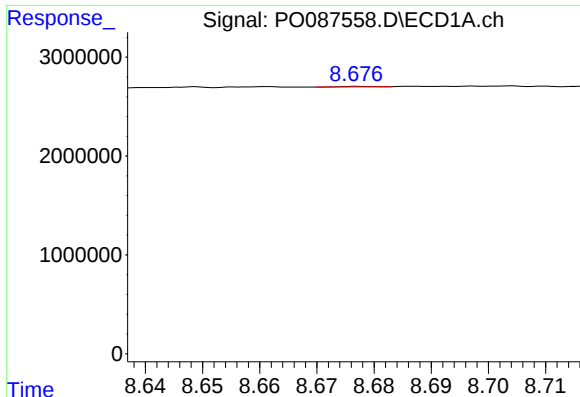
#40 AR-1262-5

R.T.: 9.474 min
Delta R.T.: -0.037 min
Response: 405312
Conc: 4.23 ng/ml



#40 AR-1262-5

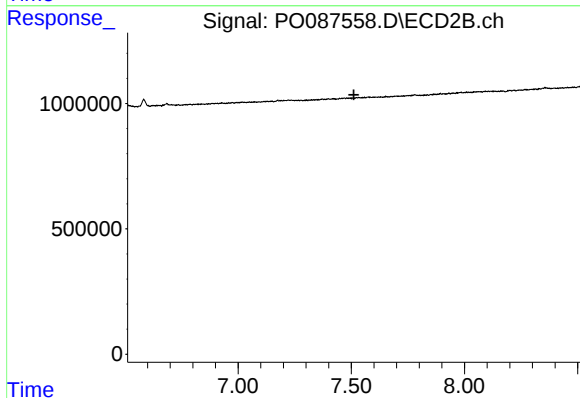
R.T.: 0.000 min
Exp R.T. : 8.069 min
Response: 0
Conc: N.D.



#41 AR-1268-1

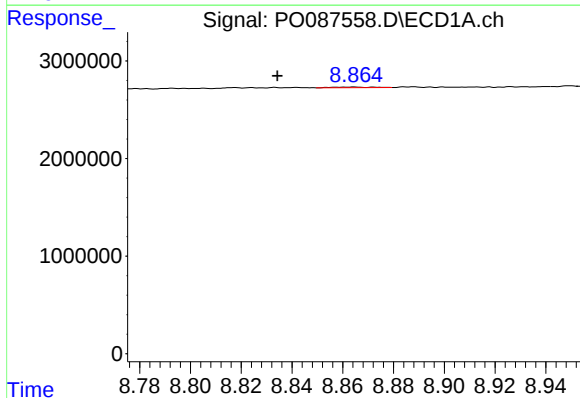
R.T.: 8.677 min
Delta R.T.: -0.060 min
Response: 16812
Conc: 0.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



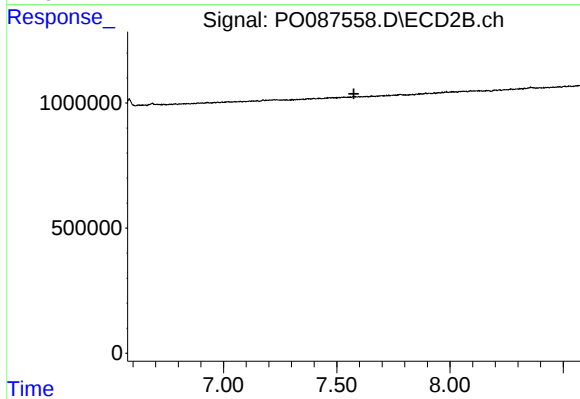
#41 AR-1268-1

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



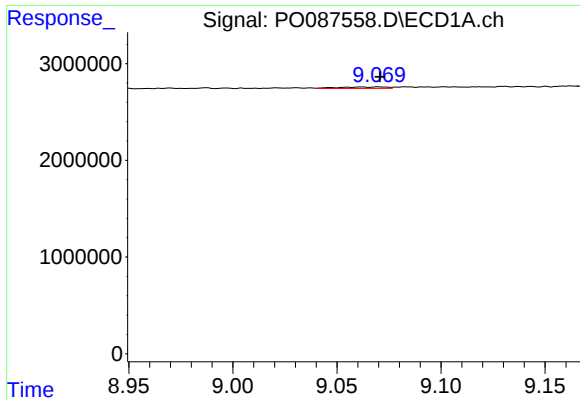
#42 AR-1268-2

R.T.: 8.865 min
Delta R.T.: 0.030 min
Response: 72349
Conc: 0.27 ng/ml



#42 AR-1268-2

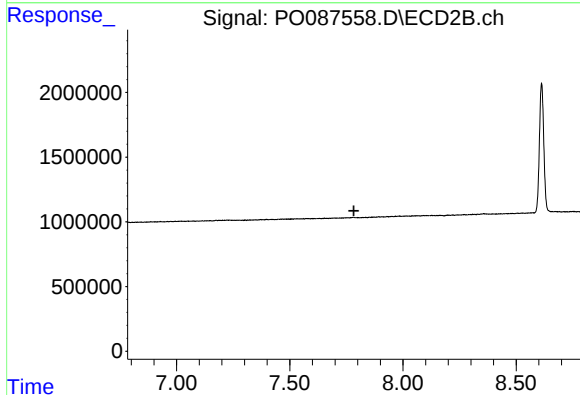
R.T.: 0.000 min
Exp R.T. : 7.575 min
Response: 0
Conc: N.D.



#43 AR-1268-3

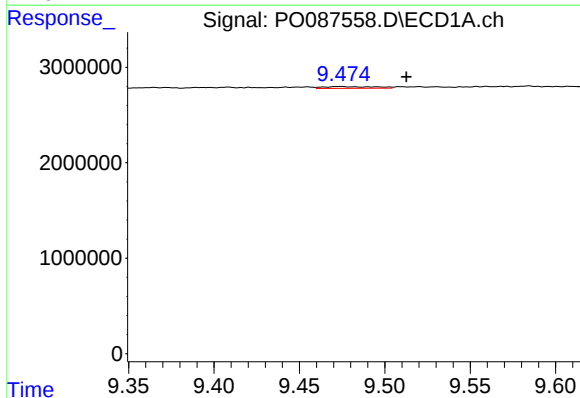
R.T.: 9.062 min
Delta R.T.: -0.009 min
Response: 245690
Conc: 1.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



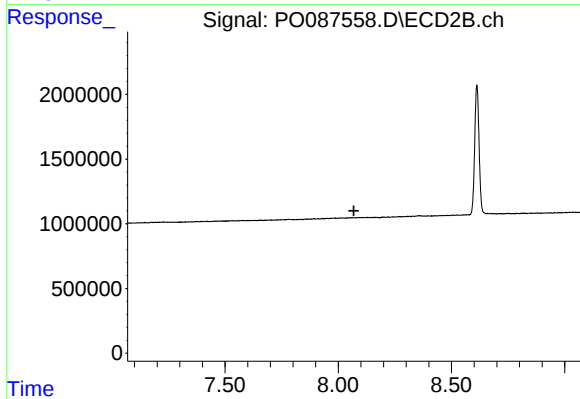
#43 AR-1268-3

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



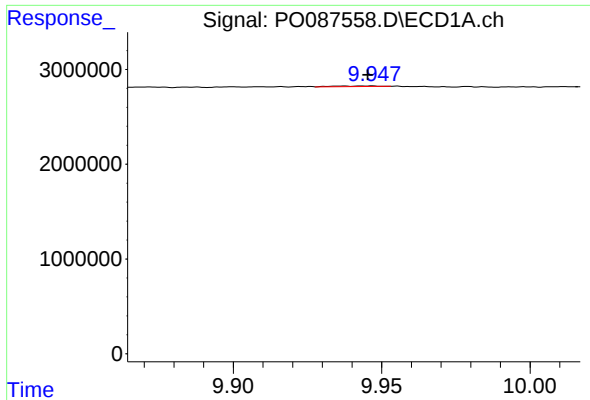
#44 AR-1268-4

R.T.: 9.474 min
Delta R.T.: -0.039 min
Response: 405312
Conc: 3.96 ng/ml



#44 AR-1268-4

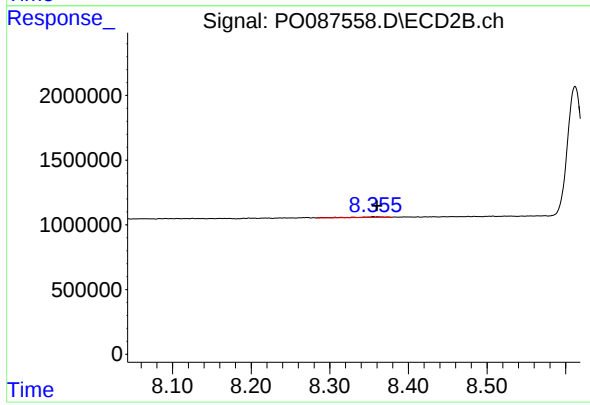
R.T.: 0.000 min
Exp R.T. : 8.069 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.946 min
Delta R.T.: 0.000 min
Response: 62636
Conc: 0.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.355 min
Delta R.T.: -0.005 min
Response: 133823
Conc: 0.53 ng/ml