

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0020223\
 Data File : P0092358.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 11:34
 Operator : YP/AJ
 Sample : 01364-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 15:01:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0012323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 04:40:59 2023
 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...	4.447	3.644	56208347	28077869	19.416	19.996
2)	SA Decachlor...	10.367	8.686	48464926	24383537	23.482	21.599
Target Compounds							
3)	L1 AR-1016-1	5.632	4.732	1449755	385280	15.852	8.383 #
4)	L1 AR-1016-2	5.656	4.750	1857912	684162	13.874	10.433
5)	L1 AR-1016-3	5.719	4.927	1043467	477176	12.126	13.497
6)	L1 AR-1016-4	5.819	5.012f	617077	341092	9.256	10.965
7)	L1 AR-1016-5	6.119	5.182	904899	755256	12.594	18.992 #
8)	L2 AR-1221-1	0.000	3.943f	0	1359614	N.D.	71.821 #
9)	L2 AR-1221-2	0.000	3.977	0	245054	N.D.	17.437 #
10)	L2 AR-1221-3	4.821	4.021	1234696	305285	14.632	7.290 #
11)	L3 AR-1232-1	4.821	4.021	1234696	305285	17.844	8.679 #
12)	L3 AR-1232-2	5.358	4.750	928576	684162	26.577	22.318
13)	L3 AR-1232-3	5.656	4.927	1857912	477176	30.347	29.639
14)	L3 AR-1232-4	5.819	5.012	617077	341092	20.589	20.883
15)	L3 AR-1232-5	5.913	5.182	719890	755256	29.128	42.224 #
16)	L4 AR-1242-1	5.632	4.732	1449755	385280	18.589	9.878 #
17)	L4 AR-1242-2	5.656	4.750	1857912	684162	16.505	12.597
18)	L4 AR-1242-3	5.719	4.927	1043467	477176	14.374	16.384
19)	L4 AR-1242-4	5.819	5.012	617077	341092	11.144	10.604
20)	L4 AR-1242-5	6.571	5.535	2039264	906418	36.532	25.038 #
21)	L5 AR-1248-1	5.632	4.732	1449755	385280	24.977	13.225 #
22)	L5 AR-1248-2	5.913	5.012f	719890	341092	7.878	7.560
23)	L5 AR-1248-3	6.119	5.012	904899	341092	9.227	7.313
24)	L5 AR-1248-4	6.532	5.182	2439234	755256	24.913	14.057 #
25)	L5 AR-1248-5	6.571	5.577	2039264	442760	21.630	9.352 #
26)	L6 AR-1254-1	6.532	5.535	2439234	906418	22.032	11.563 #
27)	L6 AR-1254-2	6.730	5.684	1266197	426762	7.789	6.168
28)	L6 AR-1254-3	7.101	6.090	7391134	1337321	44.814	12.529 #
29)	L6 AR-1254-4	7.393	6.319	1556225	877226	14.227	14.895
30)	L6 AR-1254-5	0.000	6.742	0	201256	N.D.	2.211 #
31)	L7 AR-1260-1	0.000	6.221	0	680868	N.D.	9.013 #
32)	L7 AR-1260-2	7.485f	6.393	654721	466896	4.415	5.329
33)	L7 AR-1260-3	0.000	6.564	0	437529	N.D.	5.047 #
34)	L7 AR-1260-4	0.000	7.040	0	959927	N.D.	14.334 #
35)	L7 AR-1260-5	8.447	7.262	3295802	2106856	14.842	14.806
36)	L8 AR-1262-1	0.000	6.742	0	201256	N.D.	4.337 #
37)	L8 AR-1262-2	8.447	7.262	3295802	2106856	13.806	14.280
38)	L8 AR-1262-3	8.794	7.520f	601888	77850	3.561	1.246 #
39)	L8 AR-1262-4	8.926f	0.000	992377	0	9.754	N.D. #
40)	L8 AR-1262-5	0.000	8.123	0	3578858	N.D.	69.457 #
41)	L9 AR-1268-1	8.794	7.520f	601888	77850	1.903	0.428 #

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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	8.926f	0.000	992377	0	3.288	N.D. #
43) L9	AR-1268-3	0.000	7.856	0	380401	N.D.	2.562 #
44) L9	AR-1268-4	0.000	8.123	0	3578858	N.D.	57.013 #

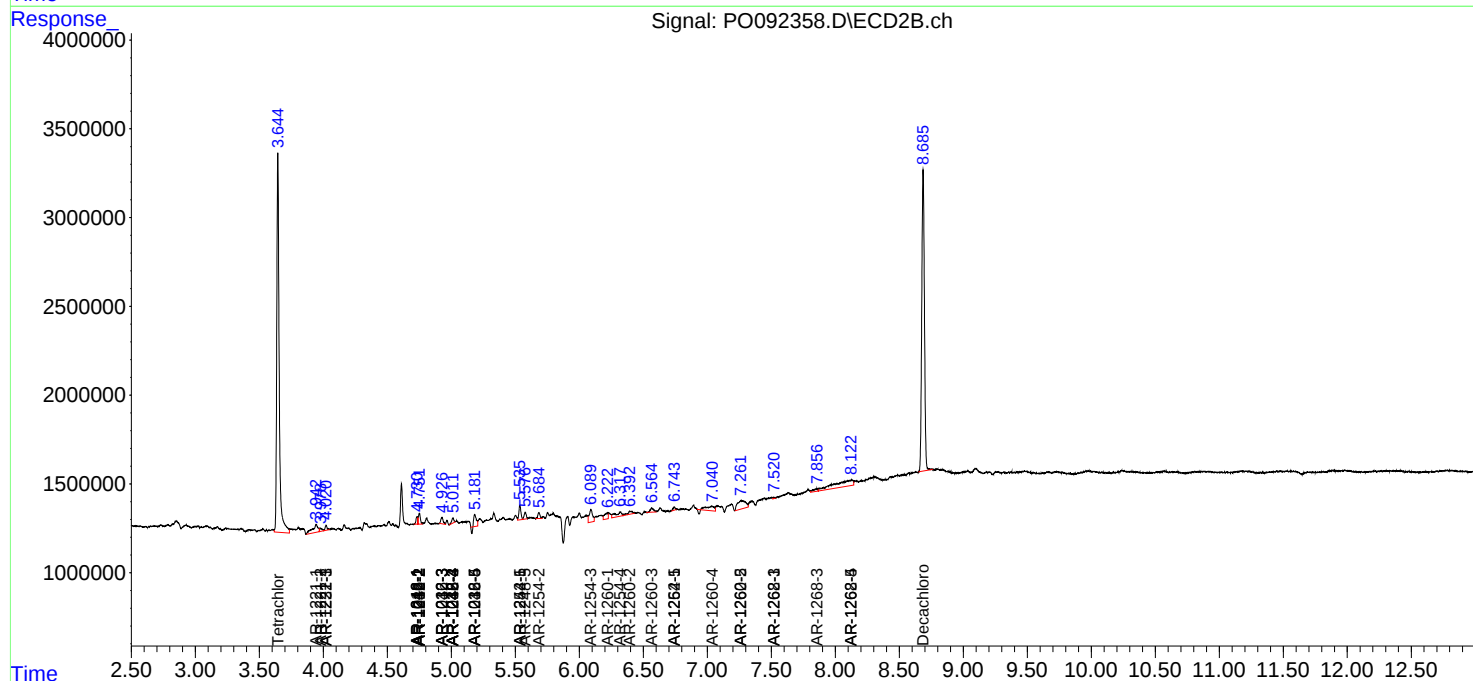
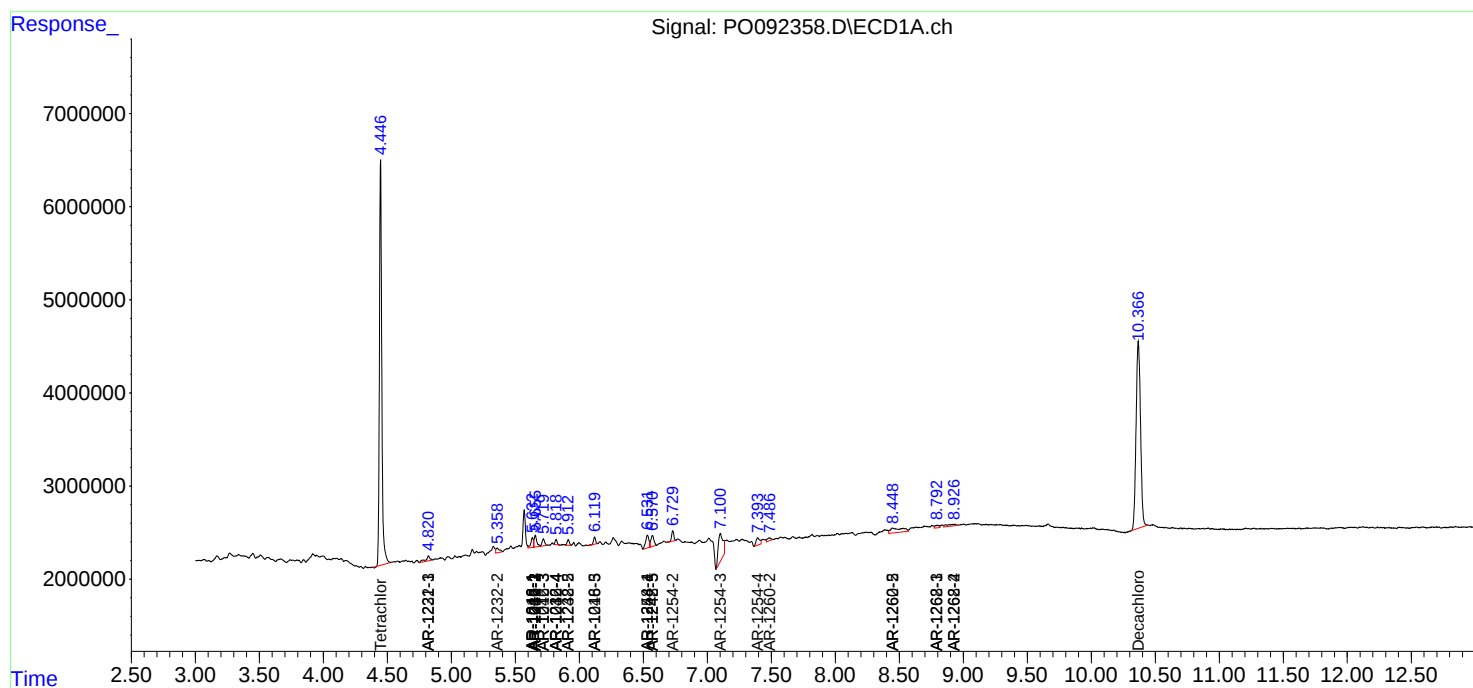
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

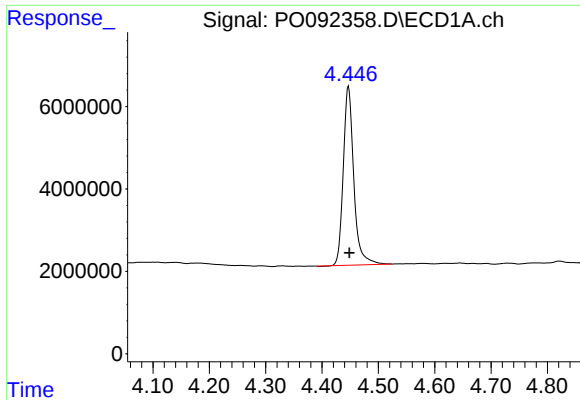
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

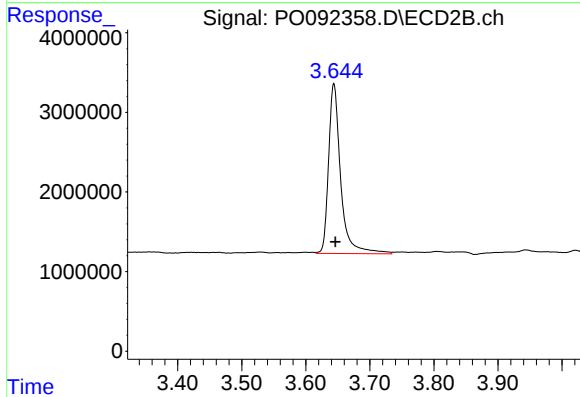




#1 Tetrachloro-m-xylene

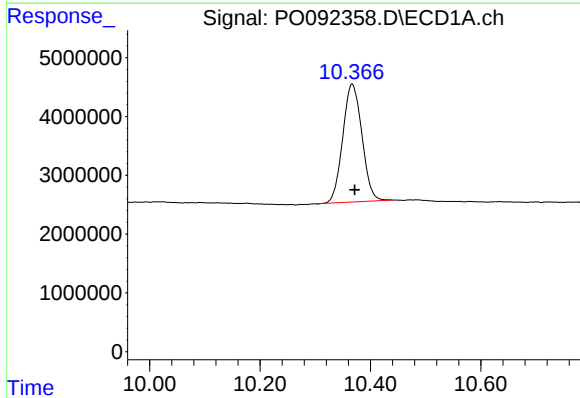
R.T.: 4.447 min
Delta R.T.: -0.002 min
Response: 56208347
Conc: 19.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



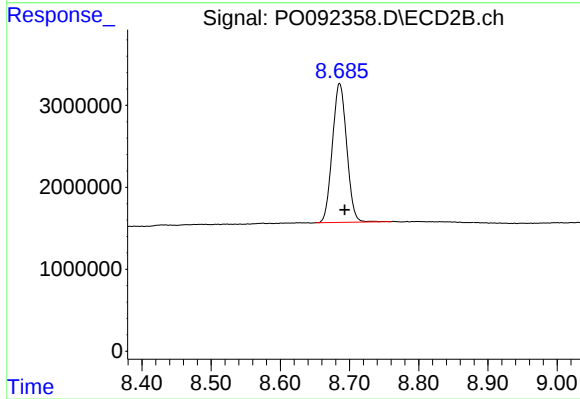
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.002 min
Response: 28077869
Conc: 20.00 ng/ml



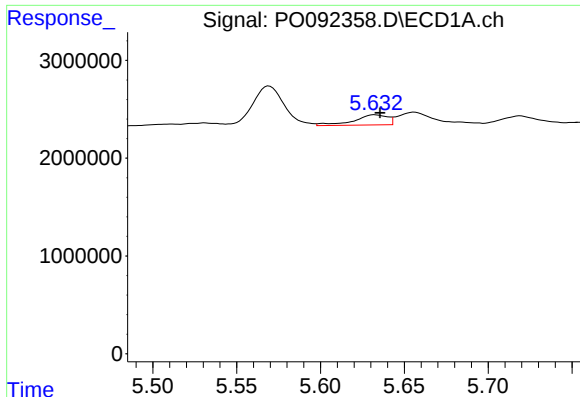
#2 Decachlorobiphenyl

R.T.: 10.367 min
Delta R.T.: -0.004 min
Response: 48464926
Conc: 23.48 ng/ml



#2 Decachlorobiphenyl

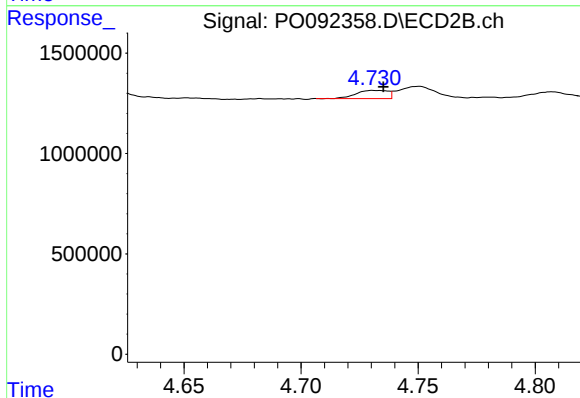
R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 24383537
Conc: 21.60 ng/ml



#3 AR-1016-1

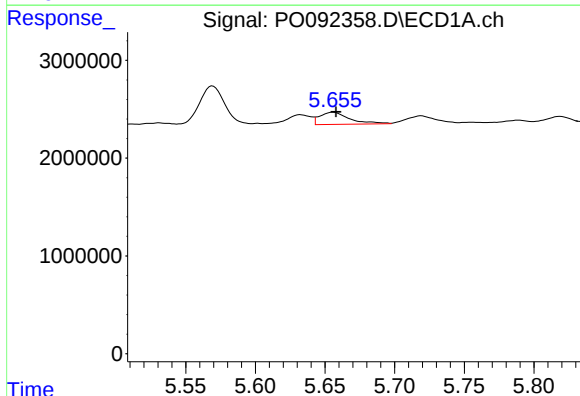
R.T.: 5.632 min
Delta R.T.: -0.003 min
Response: 1449755
Conc: 15.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



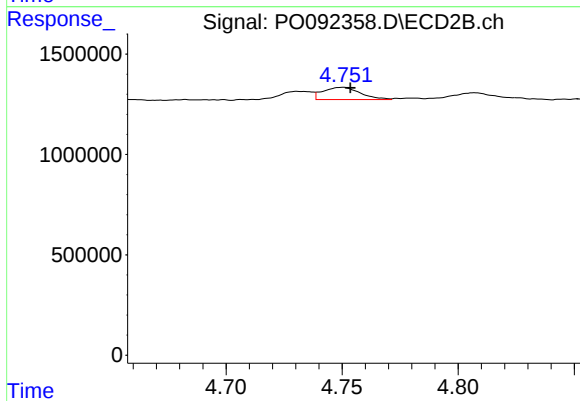
#3 AR-1016-1

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 385280
Conc: 8.38 ng/ml



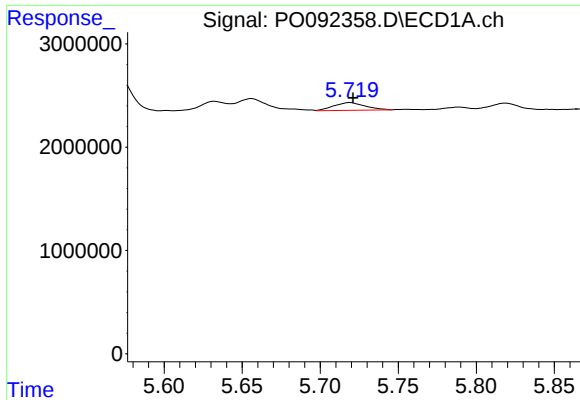
#4 AR-1016-2

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 1857912
Conc: 13.87 ng/ml



#4 AR-1016-2

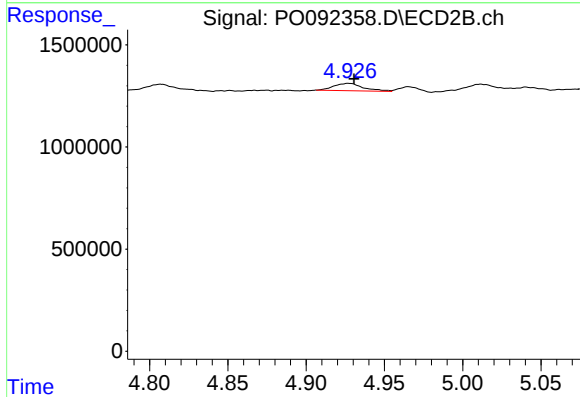
R.T.: 4.750 min
Delta R.T.: -0.003 min
Response: 684162
Conc: 10.43 ng/ml



#5 AR-1016-3

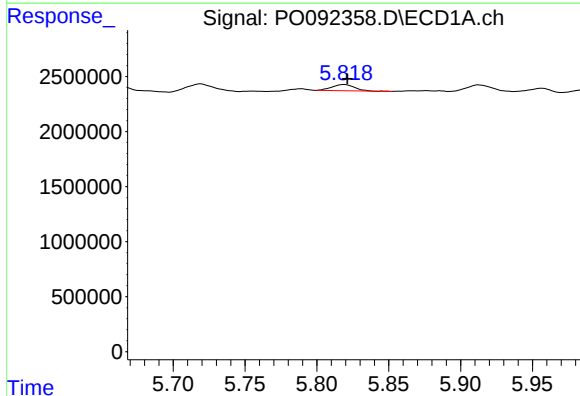
R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 1043467
Conc: 12.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



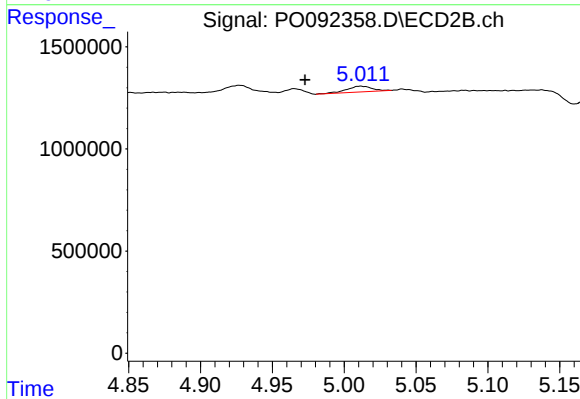
#5 AR-1016-3

R.T.: 4.927 min
Delta R.T.: -0.003 min
Response: 477176
Conc: 13.50 ng/ml



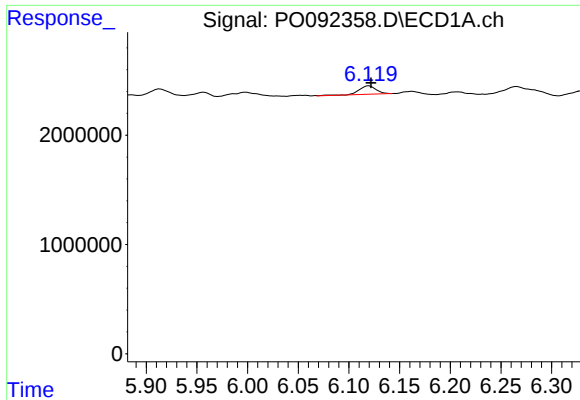
#6 AR-1016-4

R.T.: 5.819 min
Delta R.T.: -0.002 min
Response: 617077
Conc: 9.26 ng/ml



#6 AR-1016-4

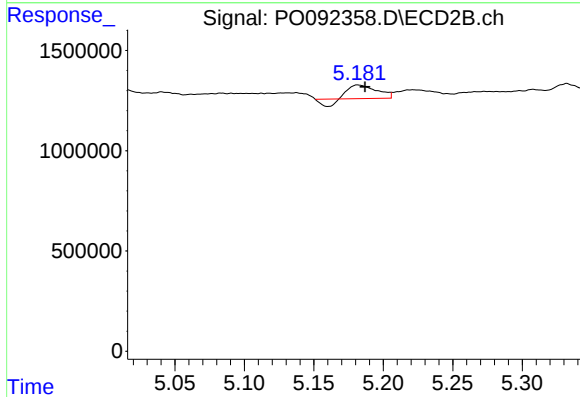
R.T.: 5.012 min
Delta R.T.: 0.039 min
Response: 341092
Conc: 10.97 ng/ml



#7 AR-1016-5

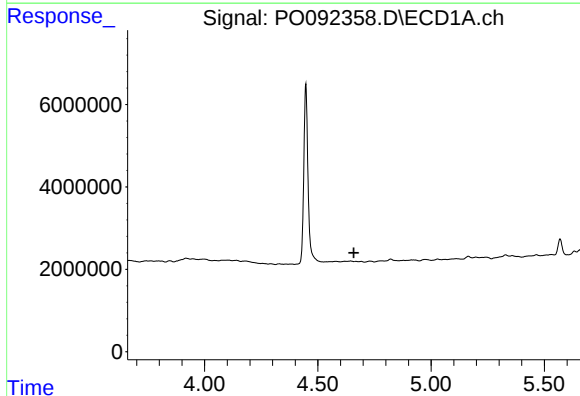
R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 904899
Conc: 12.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



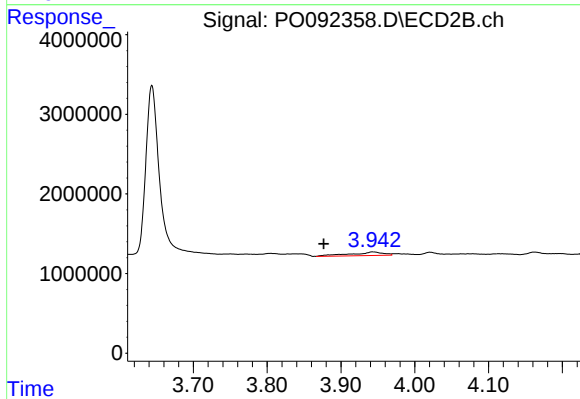
#7 AR-1016-5

R.T.: 5.182 min
Delta R.T.: -0.005 min
Response: 755256
Conc: 18.99 ng/ml



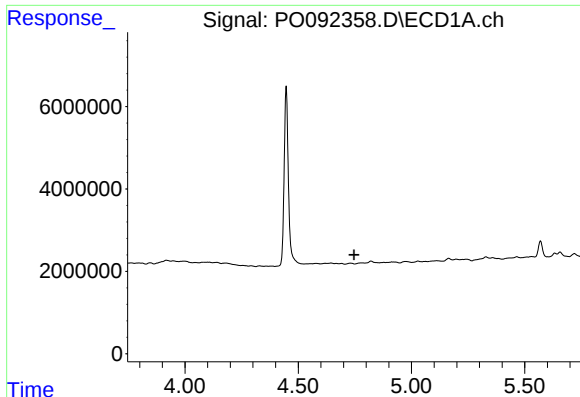
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.659 min
Response: 0
Conc: N.D.



#8 AR-1221-1

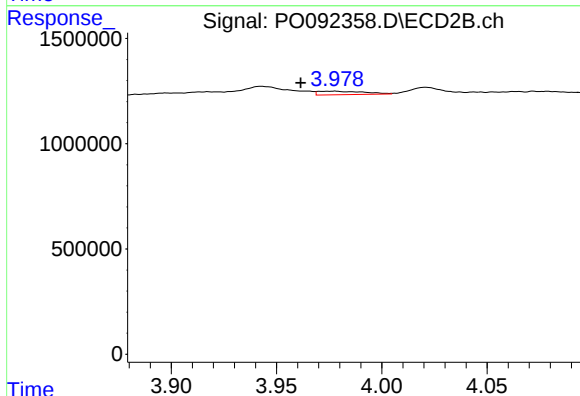
R.T.: 3.943 min
Delta R.T.: 0.066 min
Response: 1359614
Conc: 71.82 ng/ml



#9 AR-1221-2

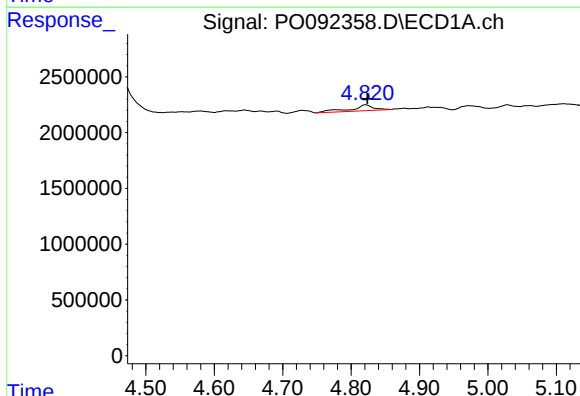
R.T.: 0.000 min
Exp R.T.: 4.746 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



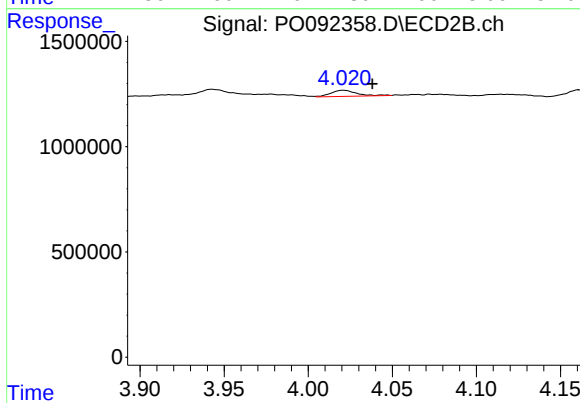
#9 AR-1221-2

R.T.: 3.977 min
Delta R.T.: 0.016 min
Response: 245054
Conc: 17.44 ng/ml



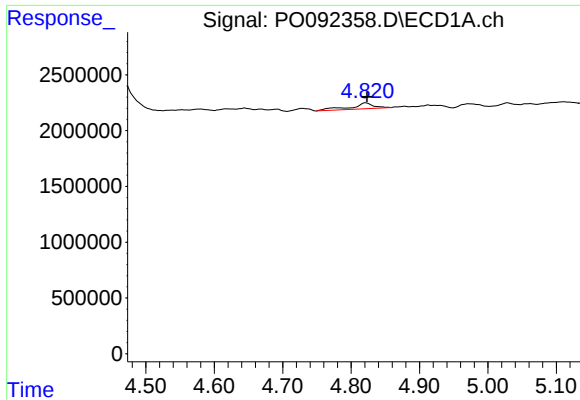
#10 AR-1221-3

R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 1234696
Conc: 14.63 ng/ml



#10 AR-1221-3

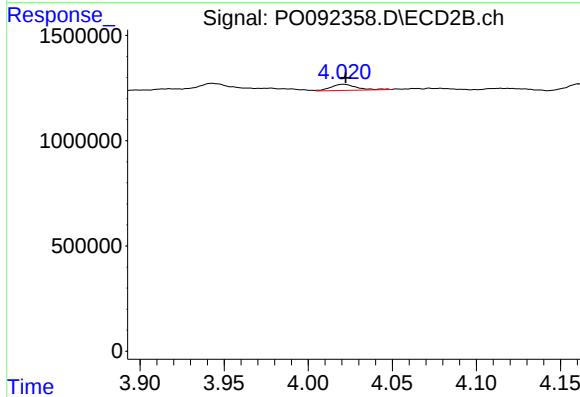
R.T.: 4.021 min
Delta R.T.: -0.017 min
Response: 305285
Conc: 7.29 ng/ml



#11 AR-1232-1

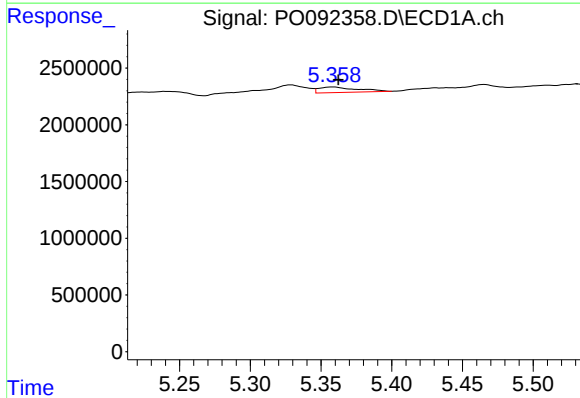
R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 1234696
Conc: 17.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



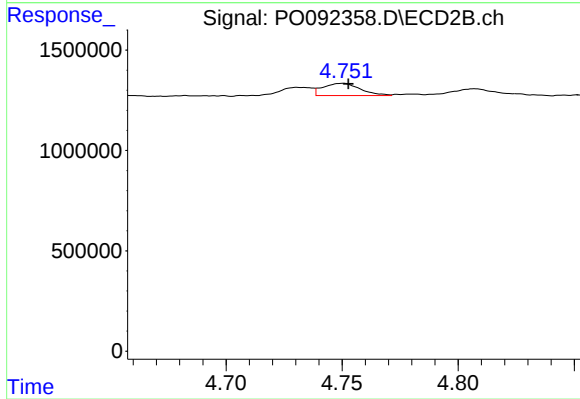
#11 AR-1232-1

R.T.: 4.021 min
Delta R.T.: -0.001 min
Response: 305285
Conc: 8.68 ng/ml



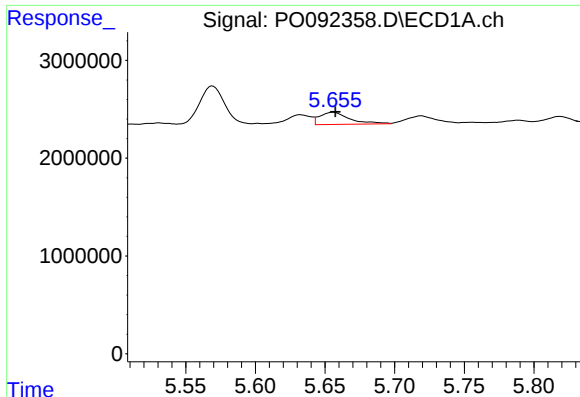
#12 AR-1232-2

R.T.: 5.358 min
Delta R.T.: -0.004 min
Response: 928576
Conc: 26.58 ng/ml



#12 AR-1232-2

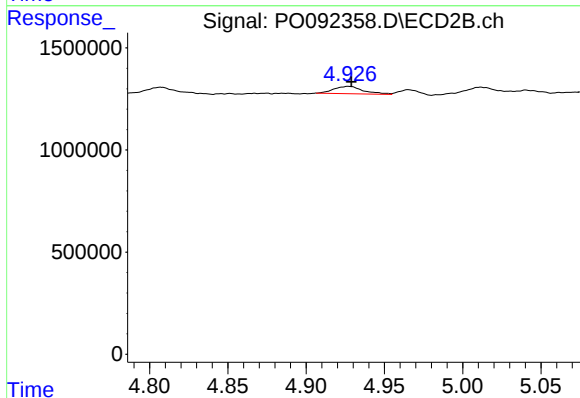
R.T.: 4.750 min
Delta R.T.: -0.003 min
Response: 684162
Conc: 22.32 ng/ml



#13 AR-1232-3

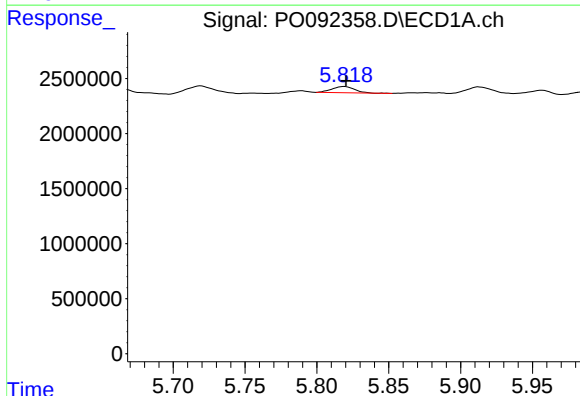
R.T.: 5.656 min
Delta R.T.: -0.001 min
Response: 1857912
Conc: 30.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



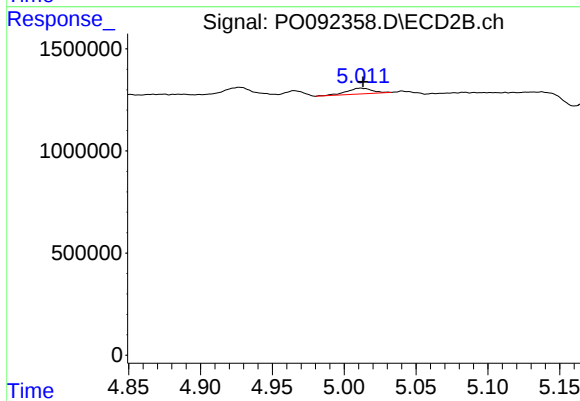
#13 AR-1232-3

R.T.: 4.927 min
Delta R.T.: -0.002 min
Response: 477176
Conc: 29.64 ng/ml



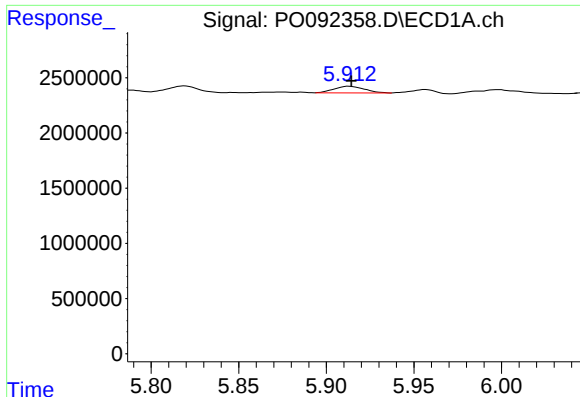
#14 AR-1232-4

R.T.: 5.819 min
Delta R.T.: -0.001 min
Response: 617077
Conc: 20.59 ng/ml



#14 AR-1232-4

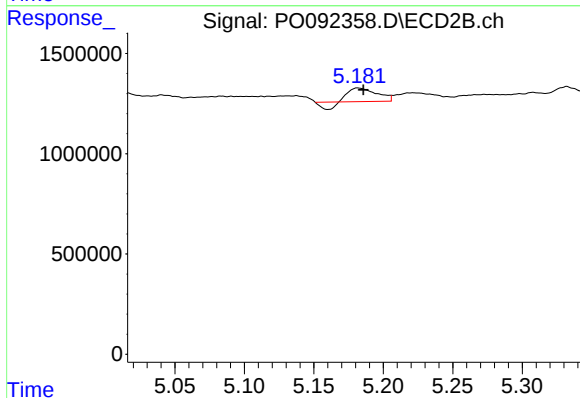
R.T.: 5.012 min
Delta R.T.: -0.002 min
Response: 341092
Conc: 20.88 ng/ml



#15 AR-1232-5

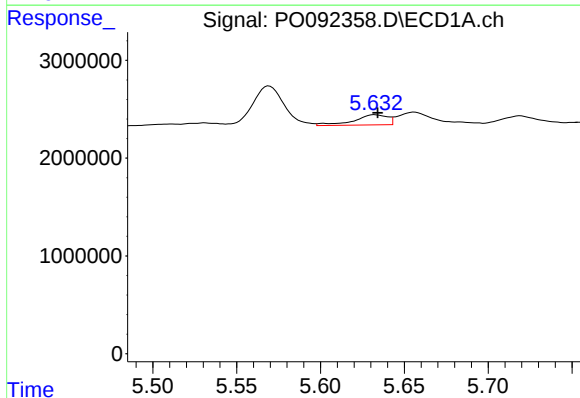
R.T.: 5.913 min
Delta R.T.: -0.001 min
Response: 719890
Conc: 29.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



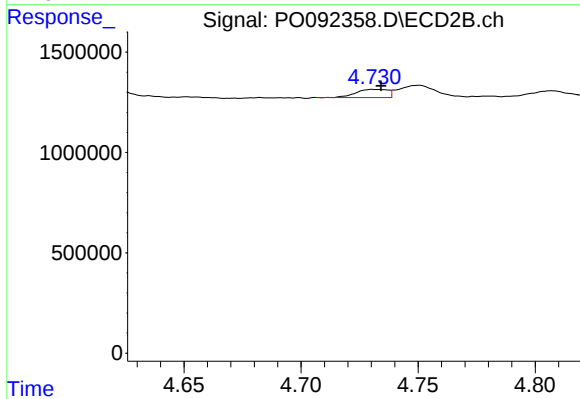
#15 AR-1232-5

R.T.: 5.182 min
Delta R.T.: -0.004 min
Response: 755256
Conc: 42.22 ng/ml



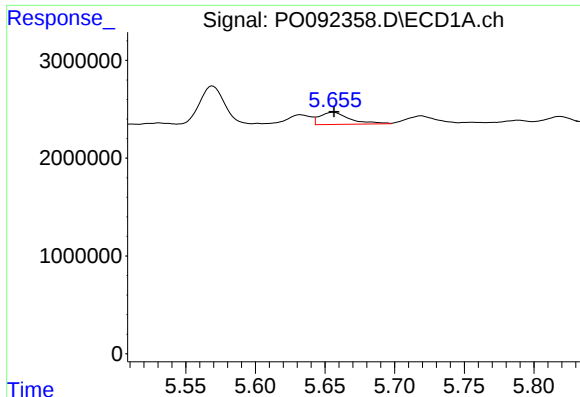
#16 AR-1242-1

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 1449755
Conc: 18.59 ng/ml



#16 AR-1242-1

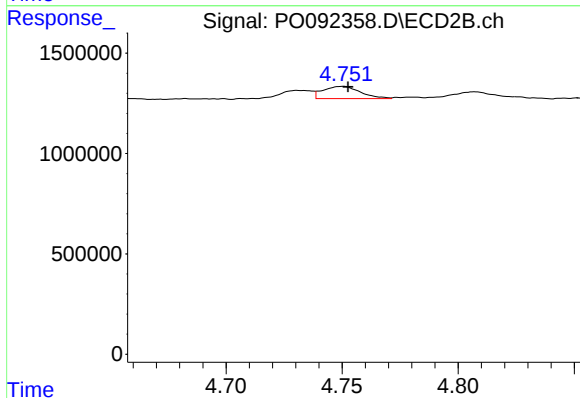
R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 385280
Conc: 9.88 ng/ml



#17 AR-1242-2

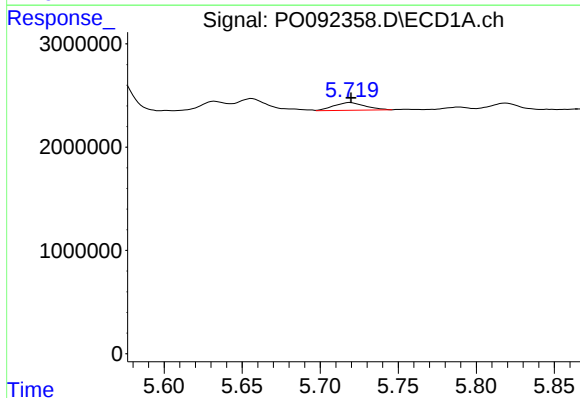
R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 1857912
Conc: 16.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



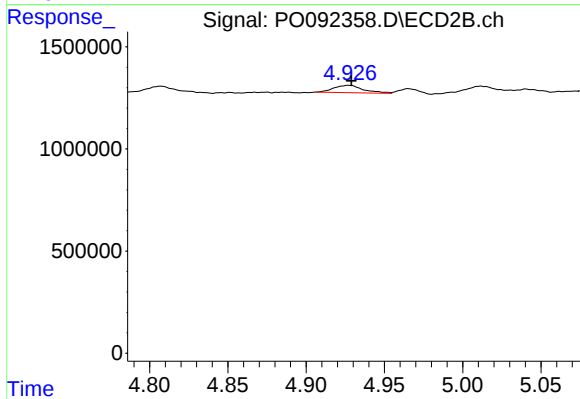
#17 AR-1242-2

R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 684162
Conc: 12.60 ng/ml



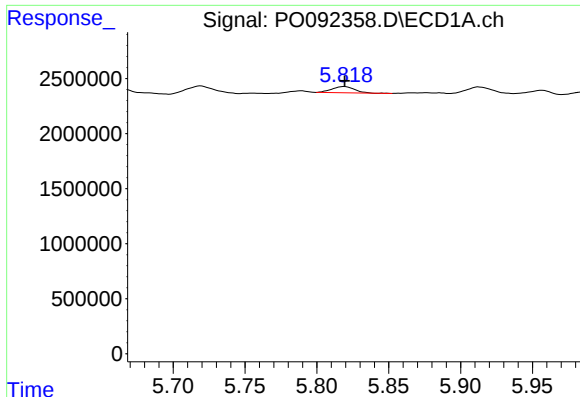
#18 AR-1242-3

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1043467
Conc: 14.37 ng/ml



#18 AR-1242-3

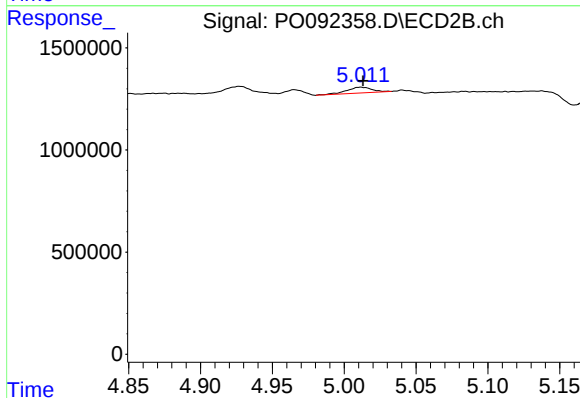
R.T.: 4.927 min
Delta R.T.: -0.002 min
Response: 477176
Conc: 16.38 ng/ml



#19 AR-1242-4

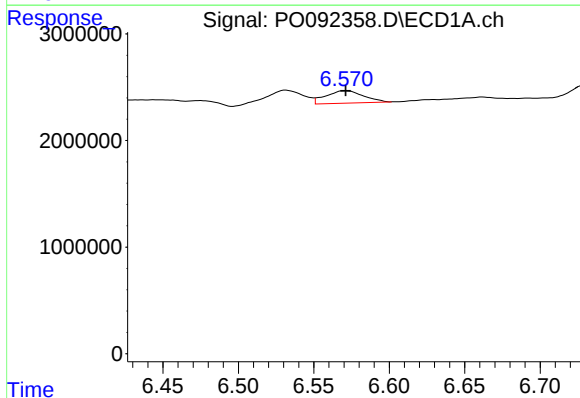
R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 617077
Conc: 11.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



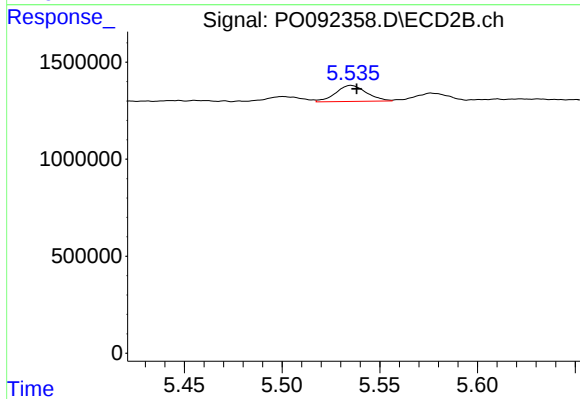
#19 AR-1242-4

R.T.: 5.012 min
Delta R.T.: -0.002 min
Response: 341092
Conc: 10.60 ng/ml



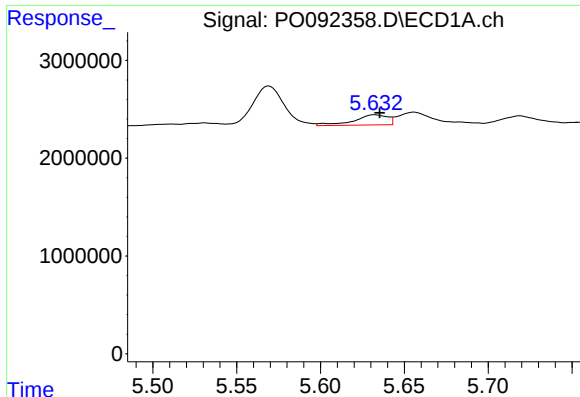
#20 AR-1242-5

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 2039264
Conc: 36.53 ng/ml



#20 AR-1242-5

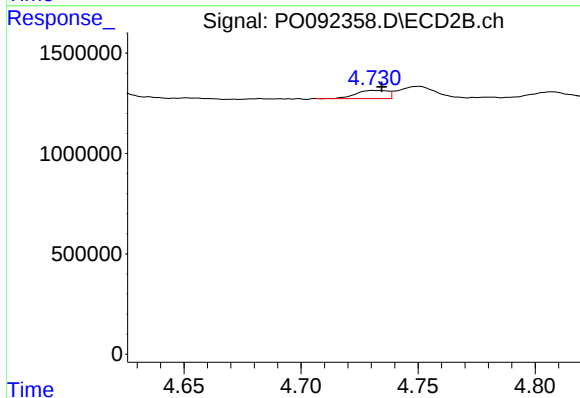
R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 906418
Conc: 25.04 ng/ml



#21 AR-1248-1

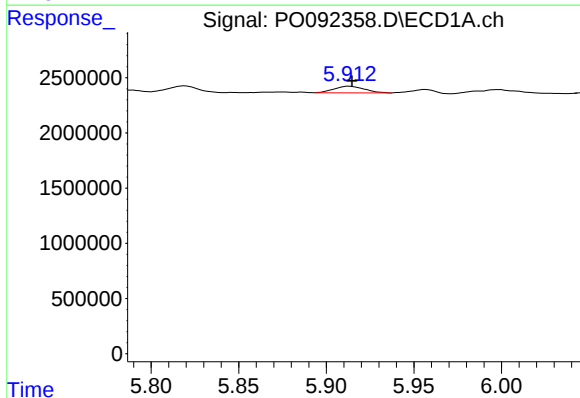
R.T.: 5.632 min
Delta R.T.: -0.003 min
Response: 1449755
Conc: 24.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



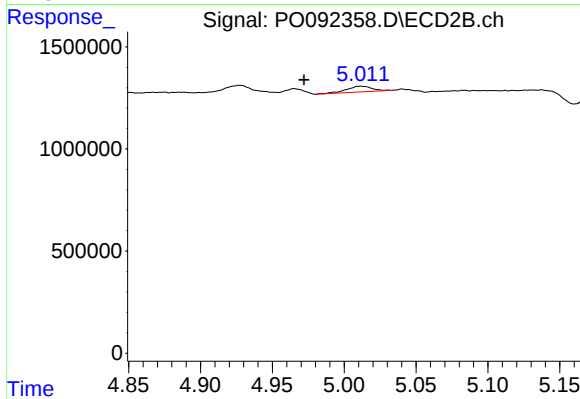
#21 AR-1248-1

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 385280
Conc: 13.23 ng/ml



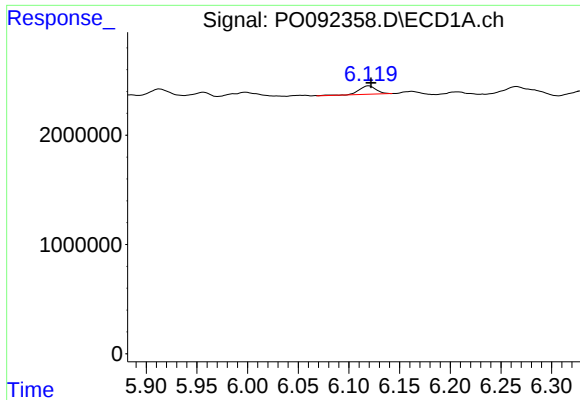
#22 AR-1248-2

R.T.: 5.913 min
Delta R.T.: -0.002 min
Response: 719890
Conc: 7.88 ng/ml



#22 AR-1248-2

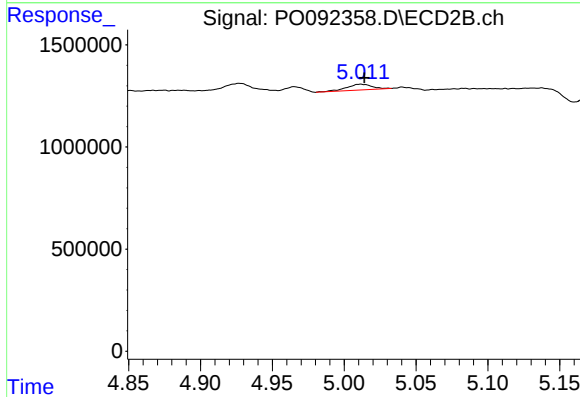
R.T.: 5.012 min
Delta R.T.: 0.040 min
Response: 341092
Conc: 7.56 ng/ml



#23 AR-1248-3

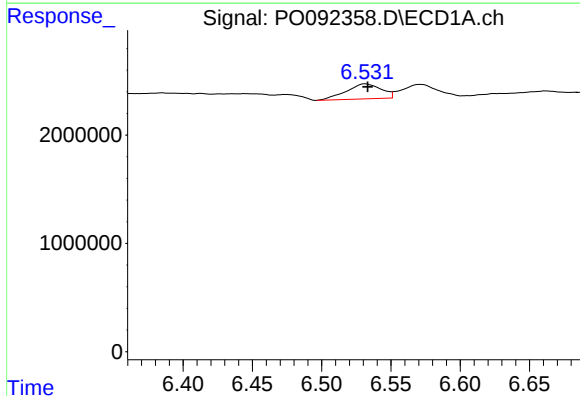
R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 904899
Conc: 9.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



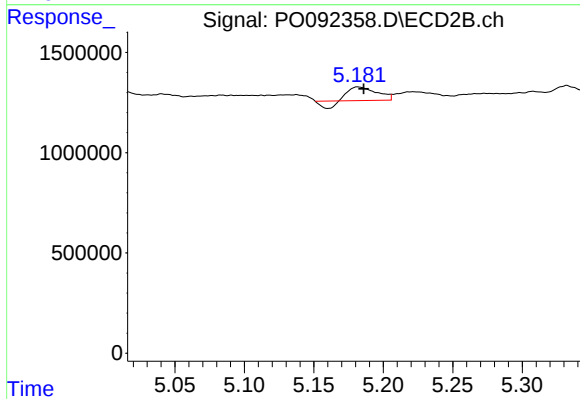
#23 AR-1248-3

R.T.: 5.012 min
Delta R.T.: -0.003 min
Response: 341092
Conc: 7.31 ng/ml



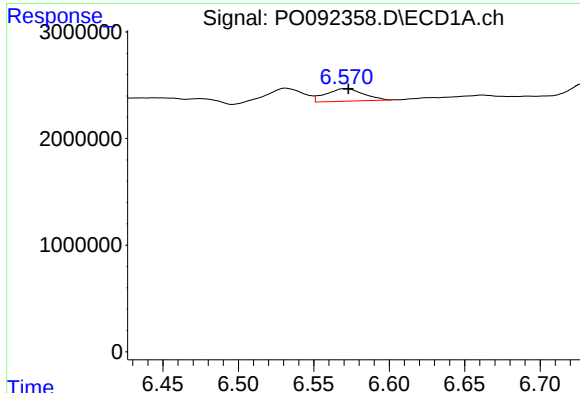
#24 AR-1248-4

R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 2439234
Conc: 24.91 ng/ml



#24 AR-1248-4

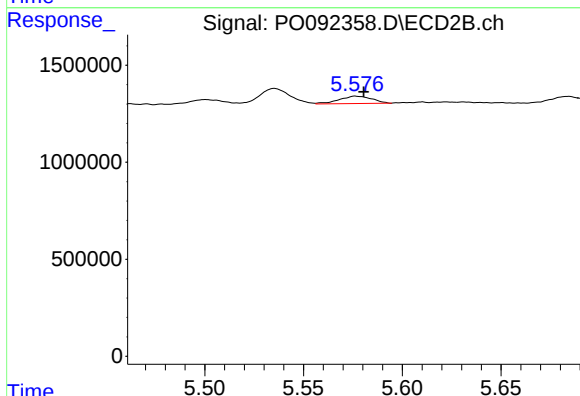
R.T.: 5.182 min
Delta R.T.: -0.004 min
Response: 755256
Conc: 14.06 ng/ml



#25 AR-1248-5

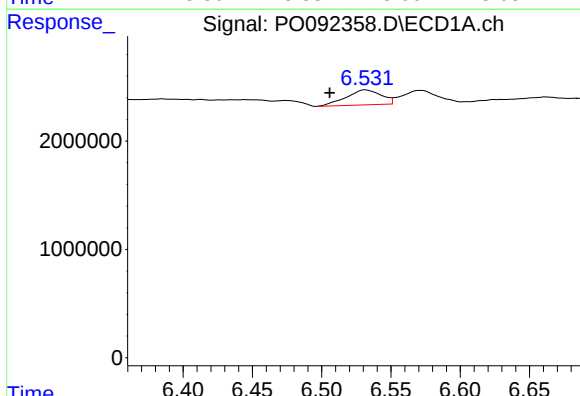
R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 2039264
Conc: 21.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



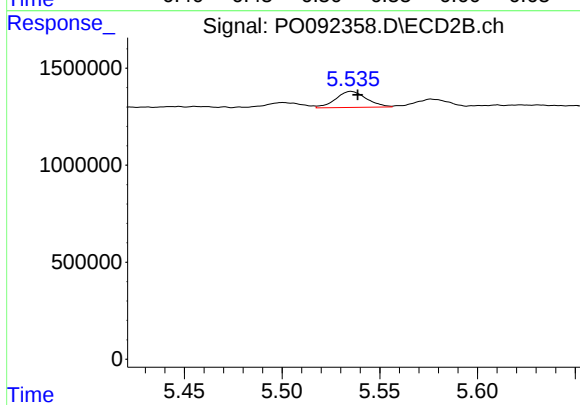
#25 AR-1248-5

R.T.: 5.577 min
Delta R.T.: -0.004 min
Response: 442760
Conc: 9.35 ng/ml



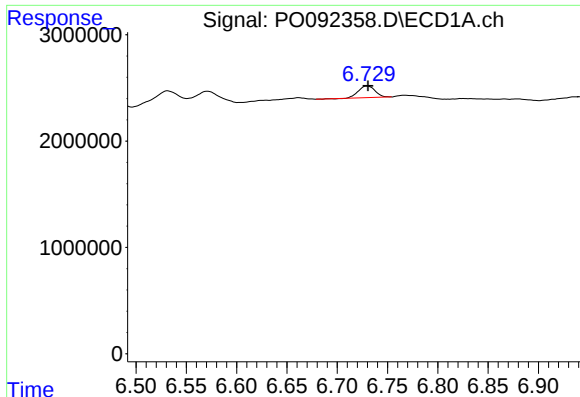
#26 AR-1254-1

R.T.: 6.532 min
Delta R.T.: 0.026 min
Response: 2439234
Conc: 22.03 ng/ml



#26 AR-1254-1

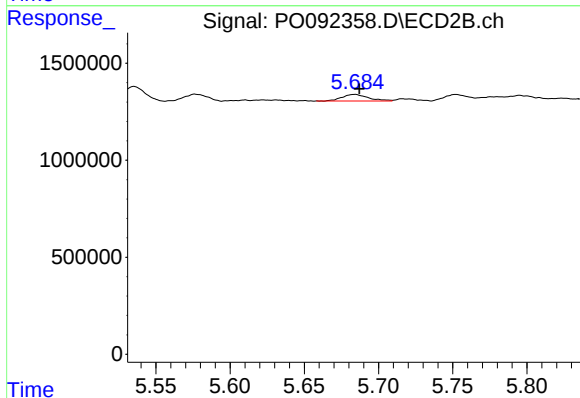
R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 906418
Conc: 11.56 ng/ml



#27 AR-1254-2

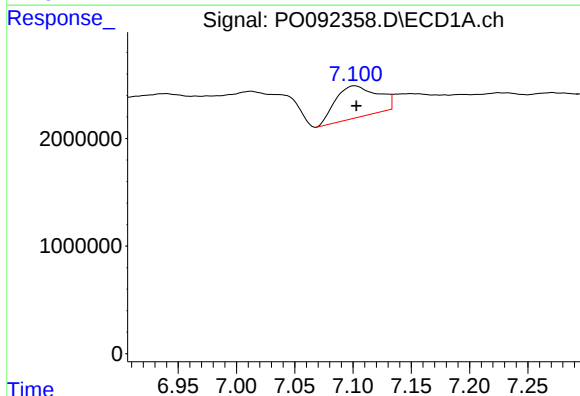
R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 1266197
Conc: 7.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



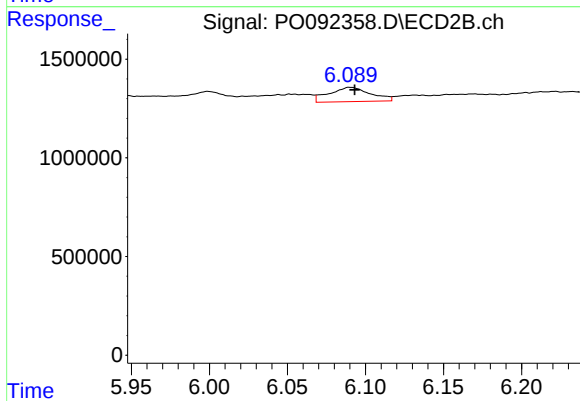
#27 AR-1254-2

R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 426762
Conc: 6.17 ng/ml



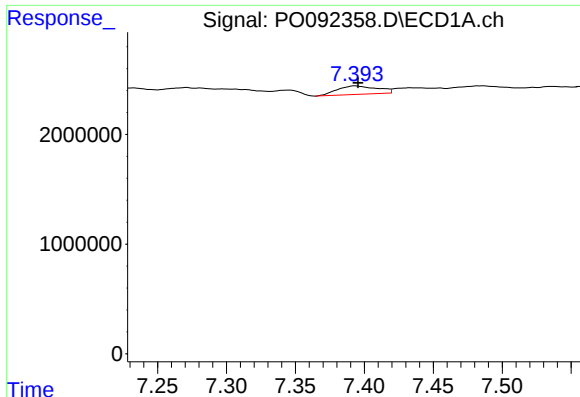
#28 AR-1254-3

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 7391134
Conc: 44.81 ng/ml



#28 AR-1254-3

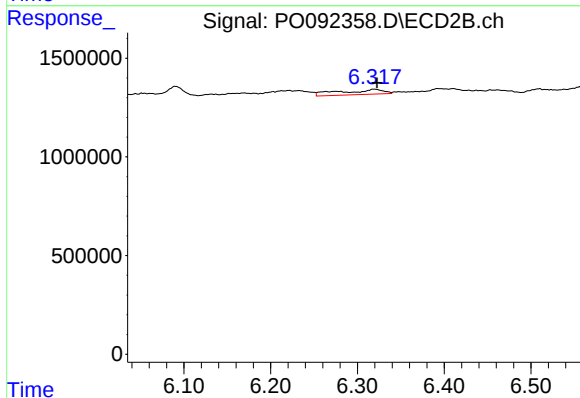
R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 1337321
Conc: 12.53 ng/ml



#29 AR-1254-4

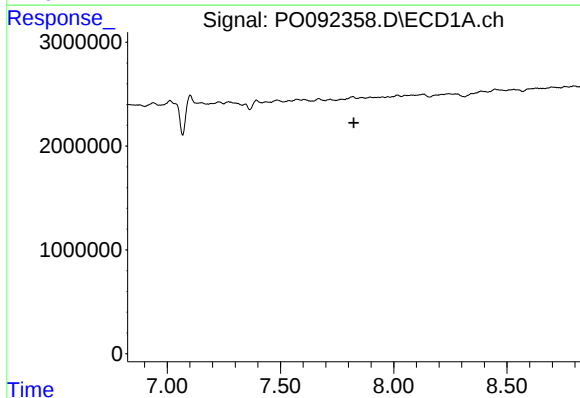
R.T.: 7.393 min
Delta R.T.: -0.002 min
Response: 1556225
Conc: 14.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



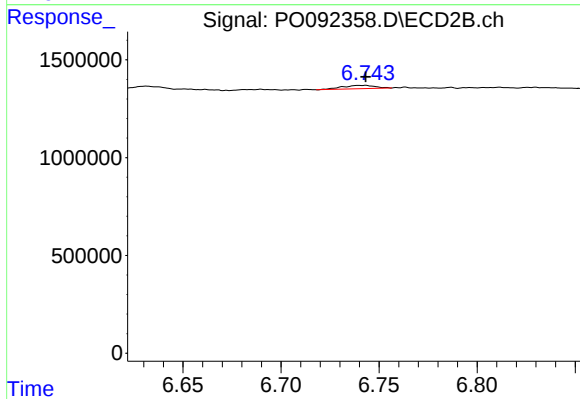
#29 AR-1254-4

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 877226
Conc: 14.89 ng/ml



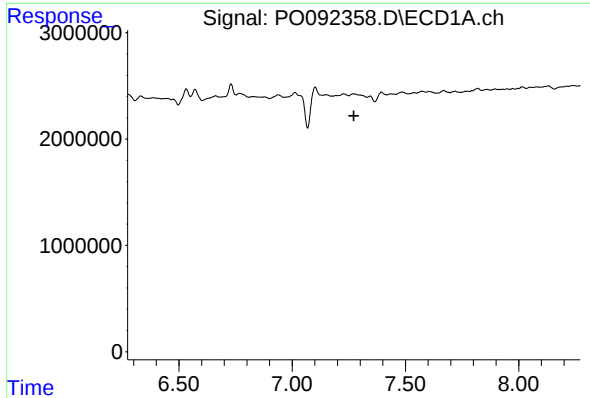
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.824 min
Response: 0
Conc: N.D.



#30 AR-1254-5

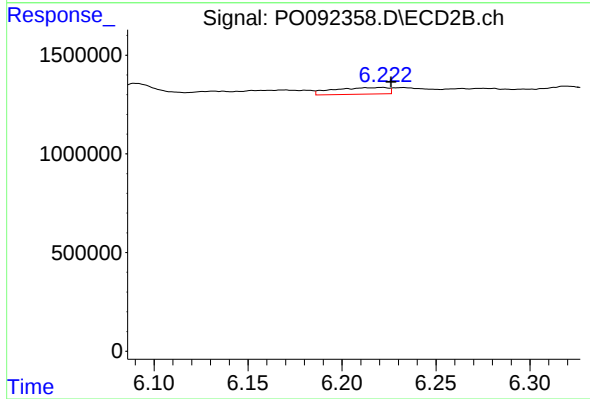
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 201256
Conc: 2.21 ng/ml



#31 AR-1260-1

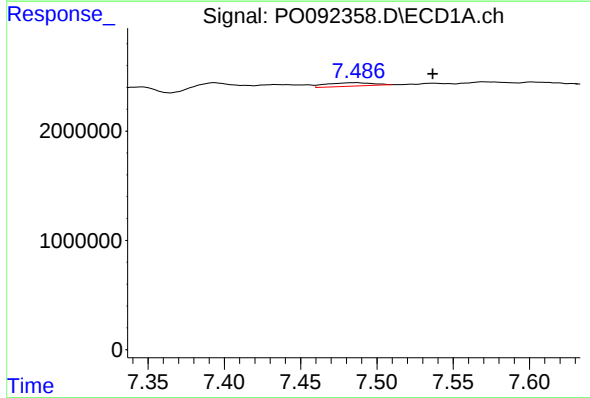
R.T.: 0.000 min
Exp R.T.: 7.273 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



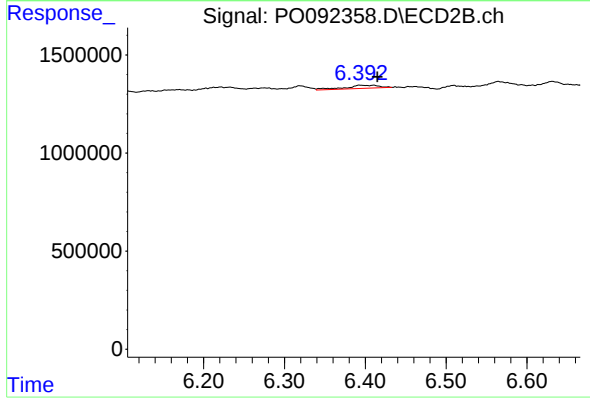
#31 AR-1260-1

R.T.: 6.221 min
Delta R.T.: -0.005 min
Response: 680868
Conc: 9.01 ng/ml



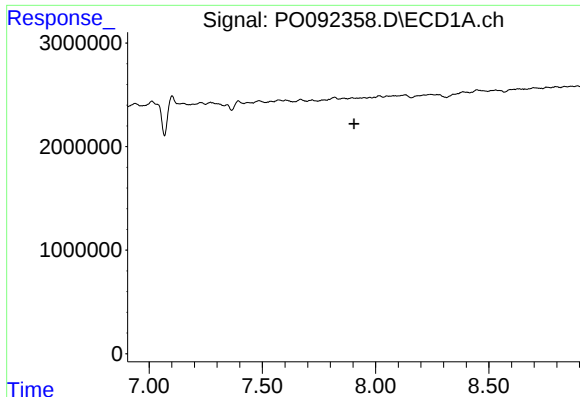
#32 AR-1260-2

R.T.: 7.485 min
Delta R.T.: -0.051 min
Response: 654721
Conc: 4.42 ng/ml



#32 AR-1260-2

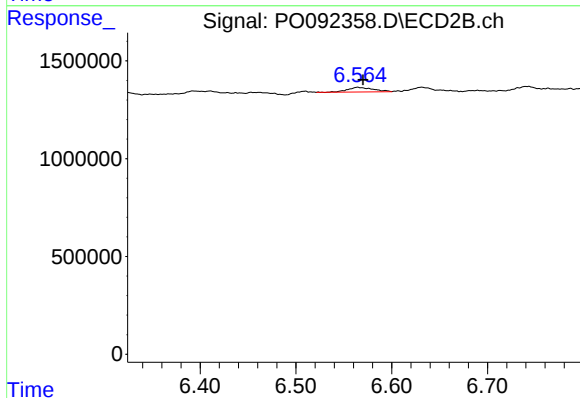
R.T.: 6.393 min
Delta R.T.: -0.022 min
Response: 466896
Conc: 5.33 ng/ml



#33 AR-1260-3

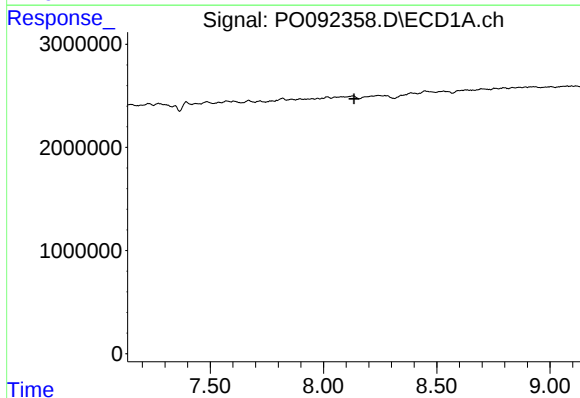
R.T.: 0.000 min
Exp R.T.: 7.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



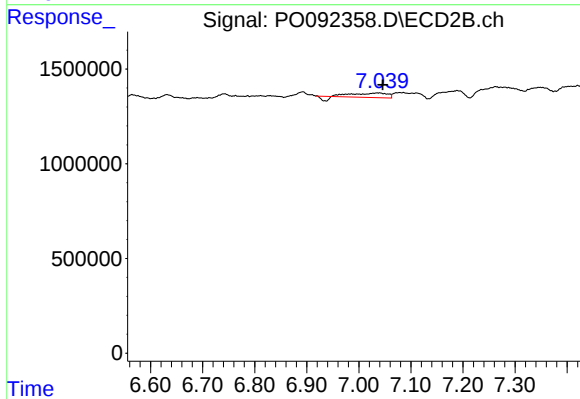
#33 AR-1260-3

R.T.: 6.564 min
Delta R.T.: -0.006 min
Response: 437529
Conc: 5.05 ng/ml



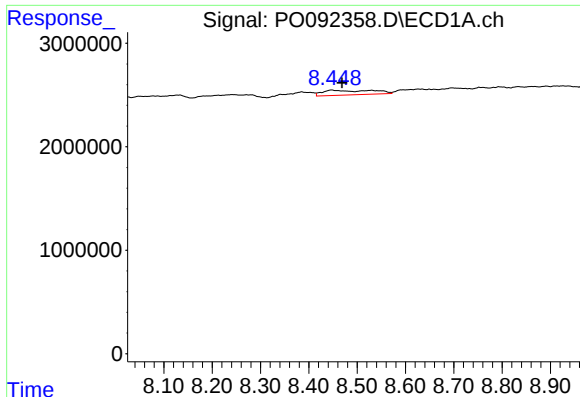
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.134 min
Response: 0
Conc: N.D.



#34 AR-1260-4

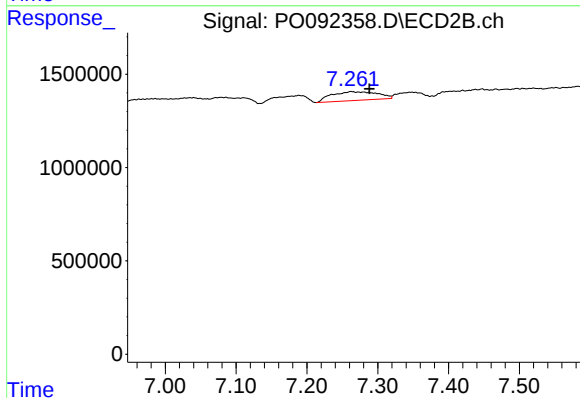
R.T.: 7.040 min
Delta R.T.: -0.006 min
Response: 959927
Conc: 14.33 ng/ml



#35 AR-1260-5

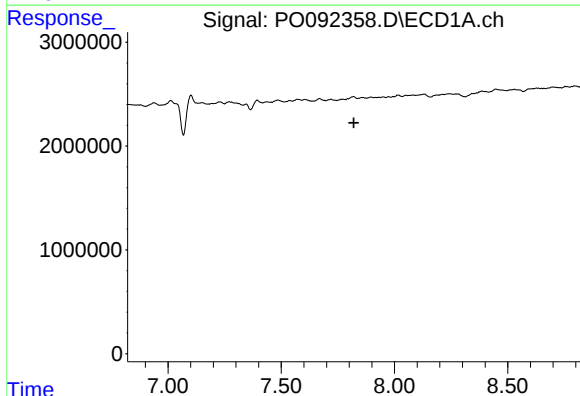
R.T.: 8.447 min
Delta R.T.: -0.022 min
Response: 3295802
Conc: 14.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



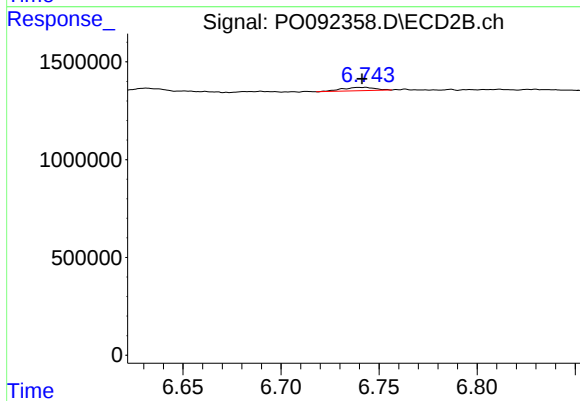
#35 AR-1260-5

R.T.: 7.262 min
Delta R.T.: -0.026 min
Response: 2106856
Conc: 14.81 ng/ml



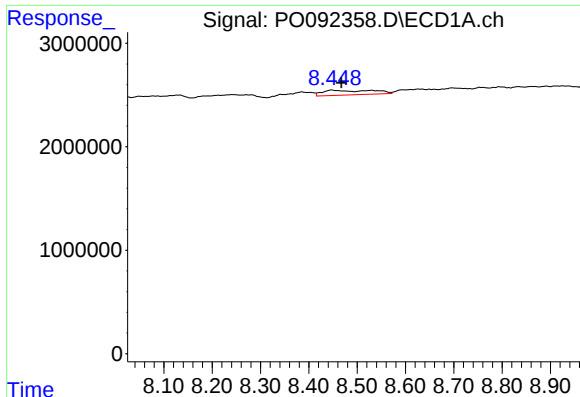
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#36 AR-1262-1

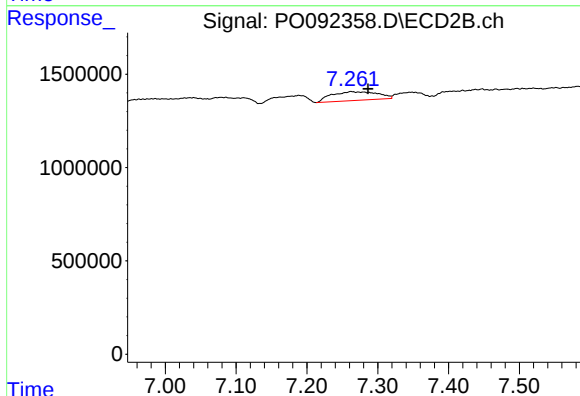
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 201256
Conc: 4.34 ng/ml



#37 AR-1262-2

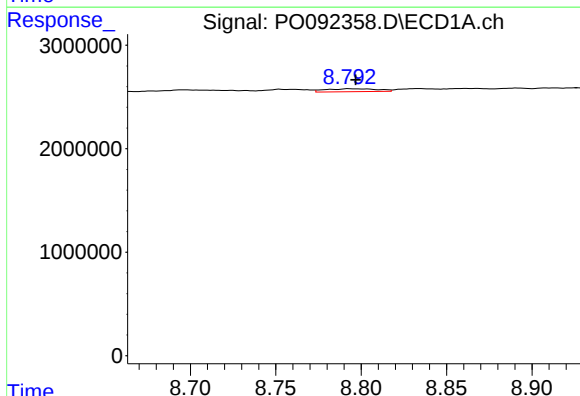
R.T.: 8.447 min
Delta R.T.: -0.021 min
Response: 3295802
Conc: 13.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



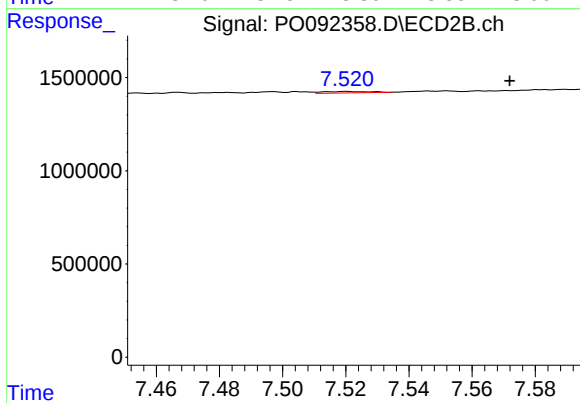
#37 AR-1262-2

R.T.: 7.262 min
Delta R.T.: -0.024 min
Response: 2106856
Conc: 14.28 ng/ml



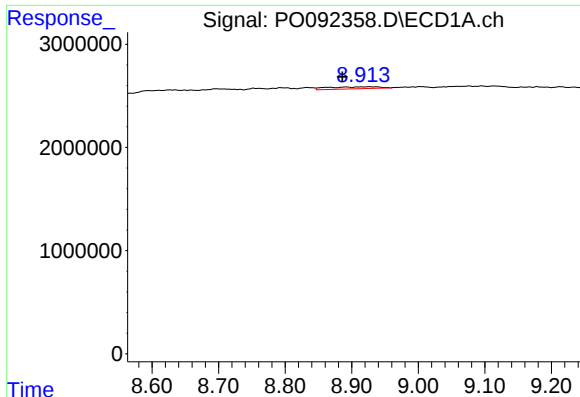
#38 AR-1262-3

R.T.: 8.794 min
Delta R.T.: -0.003 min
Response: 601888
Conc: 3.56 ng/ml



#38 AR-1262-3

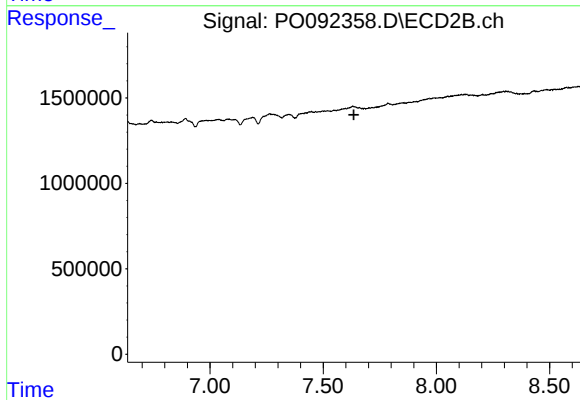
R.T.: 7.520 min
Delta R.T.: -0.052 min
Response: 77850
Conc: 1.25 ng/ml



#39 AR-1262-4

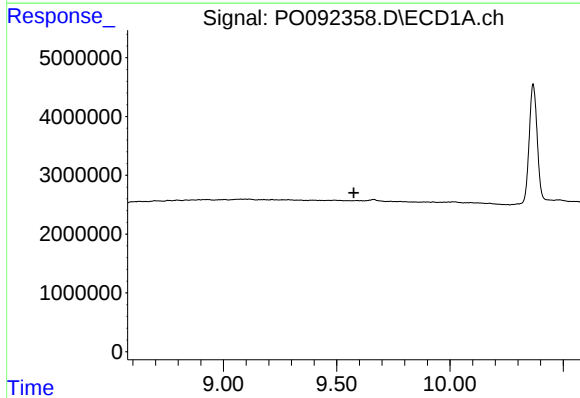
R.T.: 8.926 min
Delta R.T.: 0.040 min
Response: 992377
Conc: 9.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



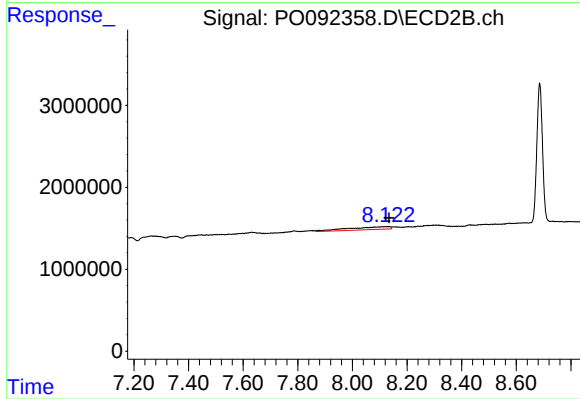
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.636 min
Response: 0
Conc: N.D.



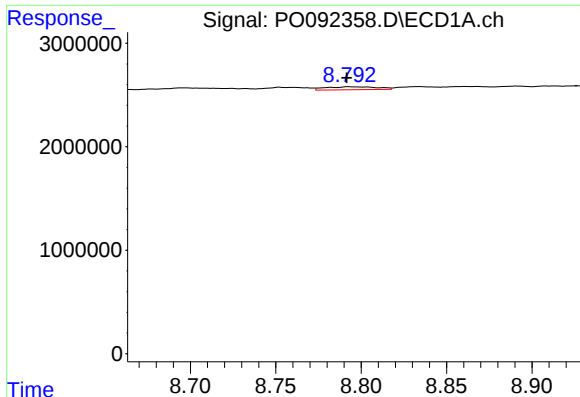
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.575 min
Response: 0
Conc: N.D.



#40 AR-1262-5

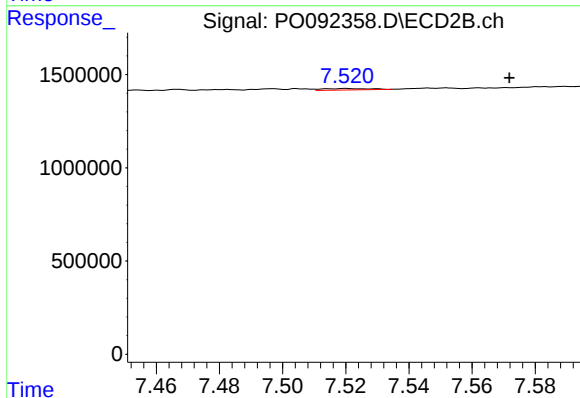
R.T.: 8.123 min
Delta R.T.: -0.011 min
Response: 3578858
Conc: 69.46 ng/ml



#41 AR-1268-1

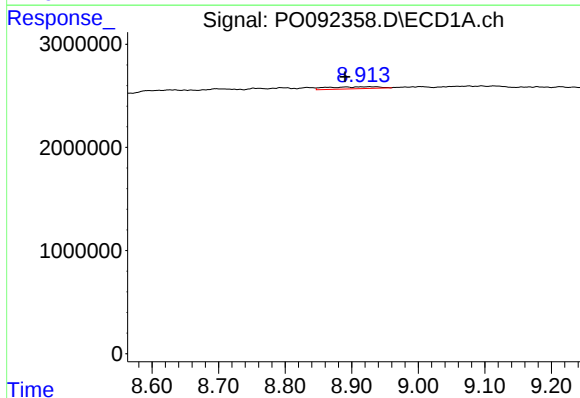
R.T.: 8.794 min
Delta R.T.: 0.002 min
Response: 601888
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



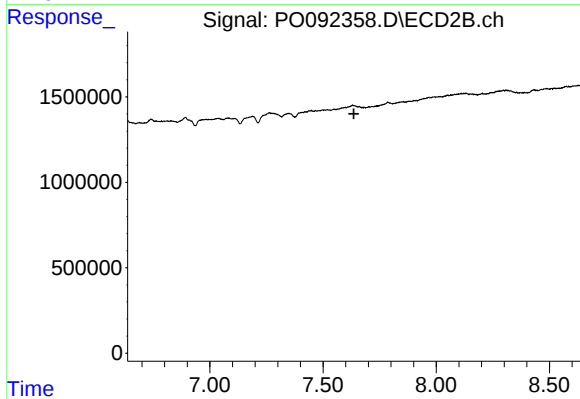
#41 AR-1268-1

R.T.: 7.520 min
Delta R.T.: -0.052 min
Response: 77850
Conc: 0.43 ng/ml



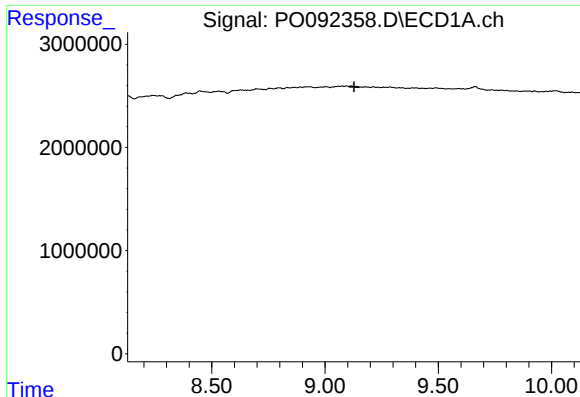
#42 AR-1268-2

R.T.: 8.926 min
Delta R.T.: 0.037 min
Response: 992377
Conc: 3.29 ng/ml



#42 AR-1268-2

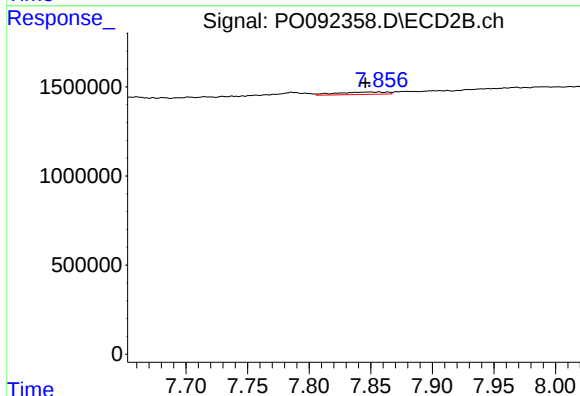
R.T.: 0.000 min
Exp R.T.: 7.636 min
Response: 0
Conc: N.D.



#43 AR-1268-3

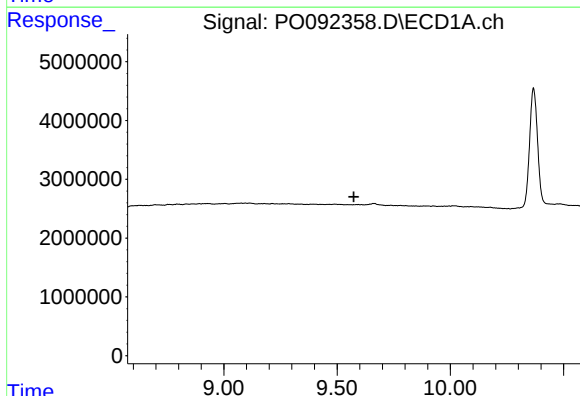
R.T.: 0.000 min
Exp R.T.: 9.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



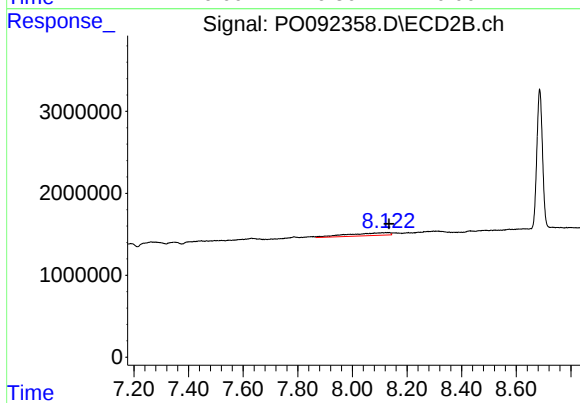
#43 AR-1268-3

R.T.: 7.856 min
Delta R.T.: 0.011 min
Response: 380401
Conc: 2.56 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.574 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 8.123 min
Delta R.T.: -0.011 min
Response: 3578858
Conc: 57.01 ng/ml