

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041823\
 Data File : P0094338.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2023 15:23
 Operator : YP/AJ
 Sample : 02371-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 22:23:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 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...	4.417	3.620	68531843	26580100	18.333	20.873
2)	SA Decachlor...	10.262	8.641	49273684	21751411	22.027	21.756
Target Compounds							
3)	L1 AR-1016-1	5.619	0.000	2213798	0	21.648	N.D. #
4)	L1 AR-1016-2	5.619	0.000	2213798	0	14.204	N.D. #
5)	L1 AR-1016-3	5.688	0.000	120601	0	1.223	N.D. #
6)	L1 AR-1016-4	5.797	5.006f	-15221	627848	N.D.	23.777 #
7)	L1 AR-1016-5	6.087	0.000	4169463	0	49.248	N.D. #
8)	L2 AR-1221-1	4.625	3.902f	15142848	3875615	328.338	247.504
9)	L2 AR-1221-2	4.724	3.902	1045193	3875615	30.449	328.374 #
10)	L2 AR-1221-3	4.791	4.051f	66321	1056880	0.633	28.690 #
11)	L3 AR-1232-1	4.791	4.051f	66321	1056880	0.760	33.830 #
12)	L3 AR-1232-2	5.335	0.000	320159	0	7.486	N.D. #
13)	L3 AR-1232-3	5.619	0.000	2213798	0	30.138	N.D. #
14)	L3 AR-1232-4	5.797	5.006	-15221	627848	N.D.	44.180 #
15)	L3 AR-1232-5	5.874	0.000	515113	0	16.218	N.D. #
16)	L4 AR-1242-1	5.619	0.000	2213798	0	25.363	N.D. #
17)	L4 AR-1242-2	5.619	0.000	2213798	0	16.649	N.D. #
18)	L4 AR-1242-3	5.688	0.000	120601	0	1.421	N.D. #
19)	L4 AR-1242-4	5.797	5.006	-15221	627848	N.D.	22.364 #
20)	L4 AR-1242-5	6.530	5.506	1374480	963917	20.414	33.809 #
21)	L5 AR-1248-1	5.619	0.000	2213798	0	32.903	N.D. #
22)	L5 AR-1248-2	5.874	5.006f	515113	627848	4.709	15.762 #
23)	L5 AR-1248-3	6.087	5.006	4169463	627848	34.538	15.042 #
24)	L5 AR-1248-4	6.463	0.000	4209984	0	39.200	N.D. #
25)	L5 AR-1248-5	6.530	5.579	1374480	431642	11.847	11.562
26)	L6 AR-1254-1	6.463	5.506	4209984	963917	31.041	14.102 #
27)	L6 AR-1254-2	6.681	5.653	2605698	1209214	13.330	19.854 #
28)	L6 AR-1254-3	7.051	6.057	12484479	8227087	67.578	90.320 #
29)	L6 AR-1254-4	7.340	6.288	2638022	916608	26.013	21.519
30)	L6 AR-1254-5	7.765	6.706	21230331	11561418	156.561	160.234
31)	L7 AR-1260-1	7.218	6.188	10338088	5772792	70.825	88.524
32)	L7 AR-1260-2	7.477	6.377	16300684	6491703	101.845	89.388
33)	L7 AR-1260-3	7.841	6.530	5337072	5625988	40.195	77.521 #
34)	L7 AR-1260-4	8.060	7.004	10586863	2091960	76.859	37.671 #
35)	L7 AR-1260-5	8.398	7.249	12996920	5308489	59.677	51.154
36)	L8 AR-1262-1	7.841	6.798	5337072	1892510	31.243	54.090 #
37)	L8 AR-1262-2	8.398	7.004	12996920	2091960	55.912	29.609 #
38)	L8 AR-1262-3	8.731	7.532	6225643	3025294	38.006	60.466 #
39)	L8 AR-1262-4	8.812	7.597	1936309	5862139	19.326	70.687 #
40)	L8 AR-1262-5	9.483	8.095	2626295	908176	32.630	27.918
41)	L9 AR-1268-1	8.731	7.532	6225643	3025294	18.498	19.804

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 ALS Vial : 13 Sample Multiplier: 1

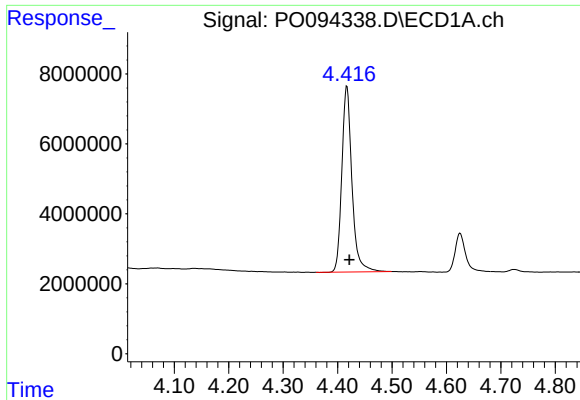
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 22:23:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.812	7.597	1936309	5862139	6.016	43.148 #
43) L9	AR-1268-3	9.046	7.802	81181	300937	0.286	2.299 #
44) L9	AR-1268-4	9.483	8.095	2626295	908176	27.163	22.943
45) L9	AR-1268-5	9.912	8.388	1761961	785204	2.098	2.240

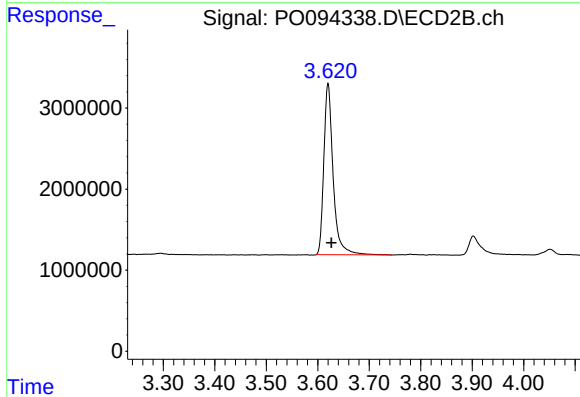
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

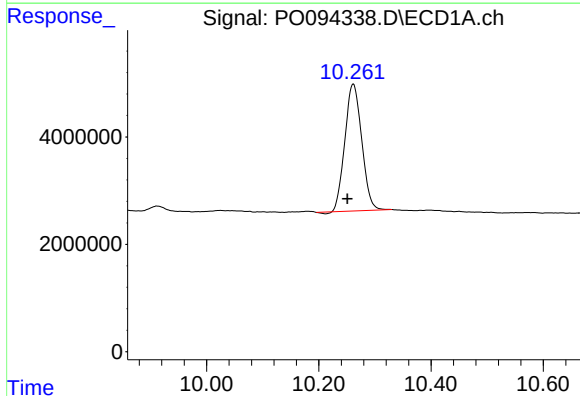
R.T.: 4.417 min
Delta R.T.: -0.005 min
Response: 68531843
Conc: 18.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



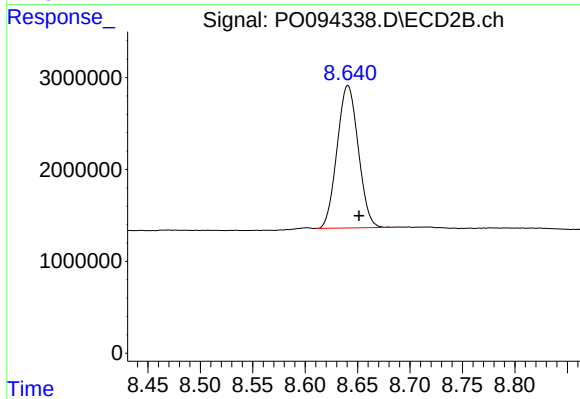
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: -0.007 min
Response: 26580100
Conc: 20.87 ng/ml



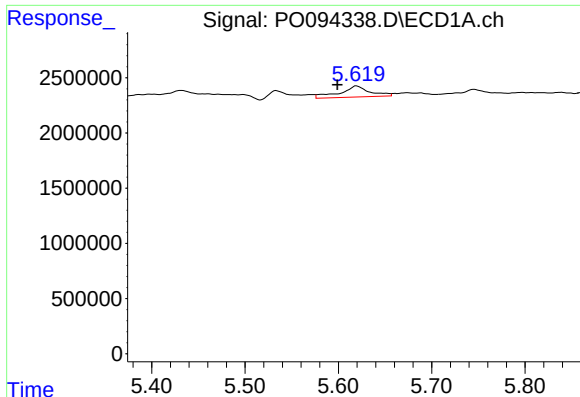
#2 Decachlorobiphenyl

R.T.: 10.262 min
Delta R.T.: 0.011 min
Response: 49273684
Conc: 22.03 ng/ml



#2 Decachlorobiphenyl

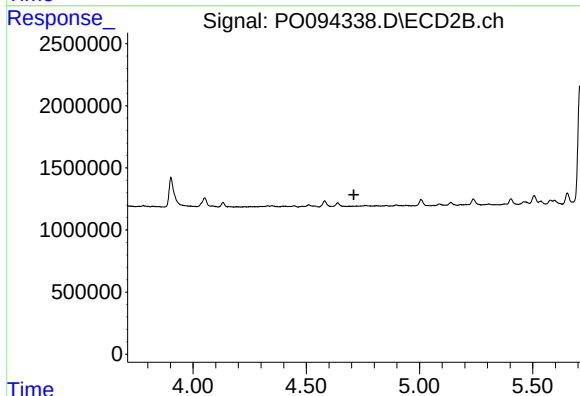
R.T.: 8.641 min
Delta R.T.: -0.011 min
Response: 21751411
Conc: 21.76 ng/ml



#3 AR-1016-1

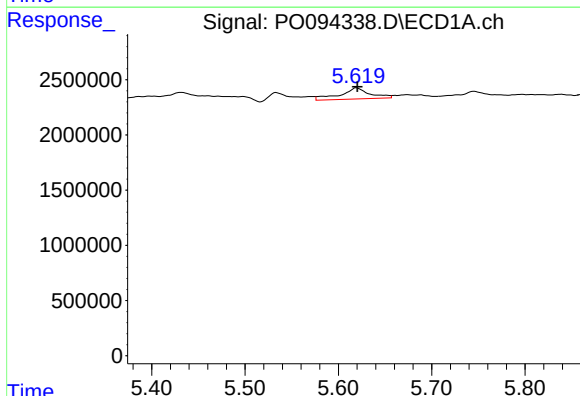
R.T.: 5.619 min
Delta R.T.: 0.020 min
Response: 2213798
Conc: 21.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



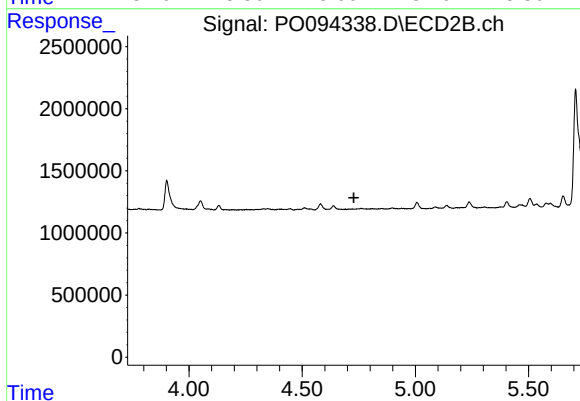
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



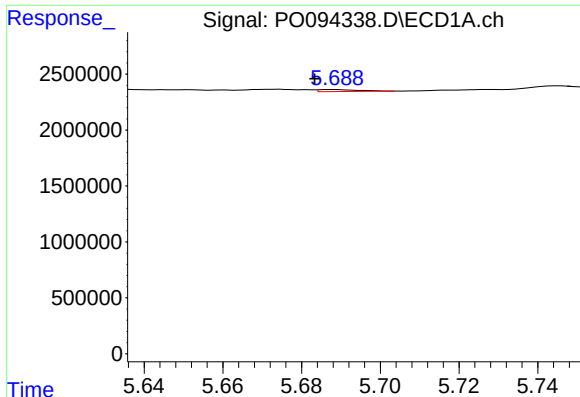
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: -0.001 min
Response: 2213798
Conc: 14.20 ng/ml



#4 AR-1016-2

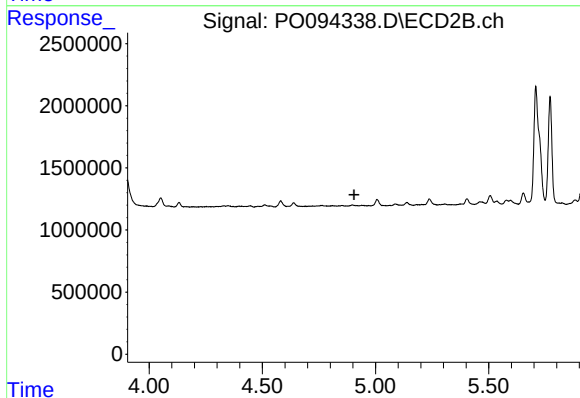
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

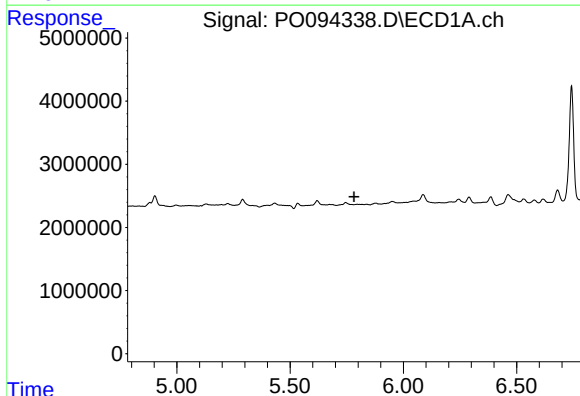
R.T.: 5.688 min
Delta R.T.: 0.005 min
Response: 120601
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



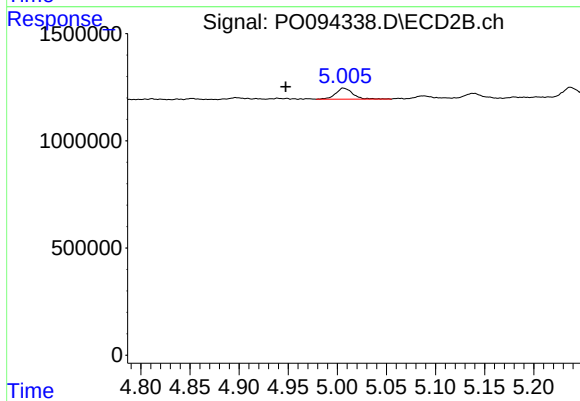
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.905 min
Response: 0
Conc: N.D.



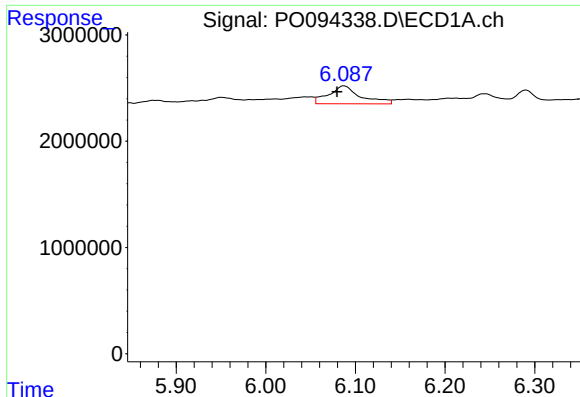
#6 AR-1016-4

R.T.: 5.797 min
Delta R.T.: 0.015 min
Response: -15221
Conc: N.D.



#6 AR-1016-4

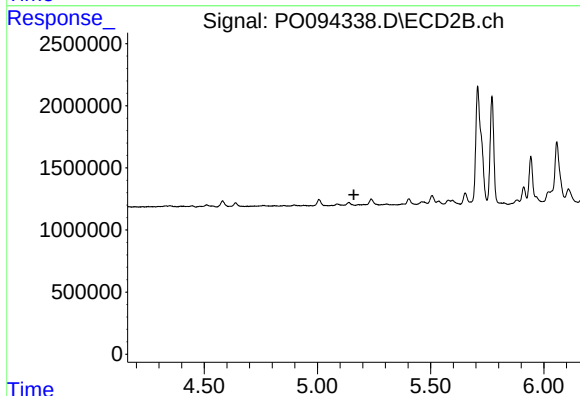
R.T.: 5.006 min
Delta R.T.: 0.059 min
Response: 627848
Conc: 23.78 ng/ml



#7 AR-1016-5

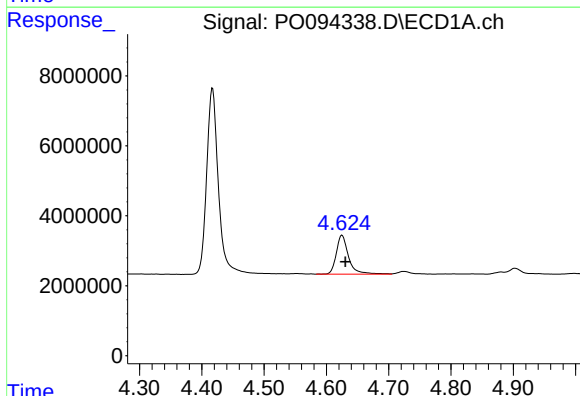
R.T.: 6.087 min
Delta R.T.: 0.007 min
Response: 4169463
Conc: 49.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



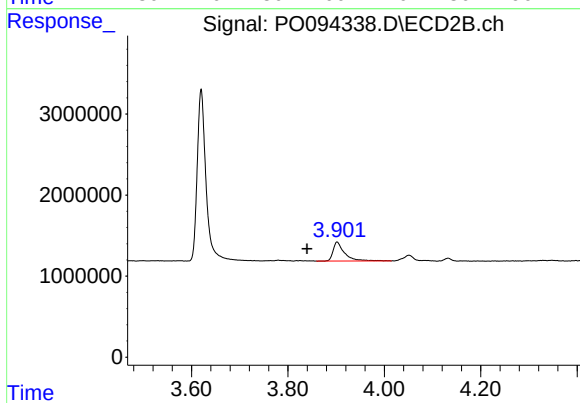
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



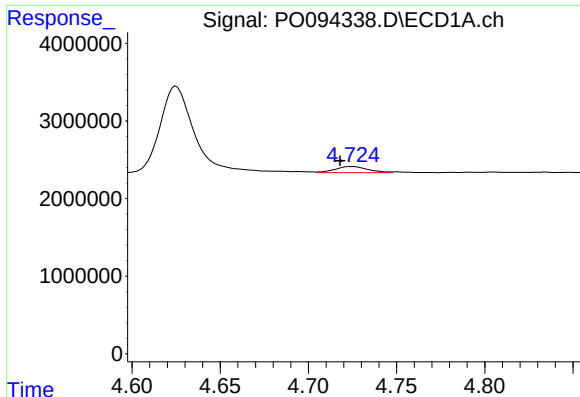
#8 AR-1221-1

R.T.: 4.625 min
Delta R.T.: -0.006 min
Response: 15142848
Conc: 328.34 ng/ml



#8 AR-1221-1

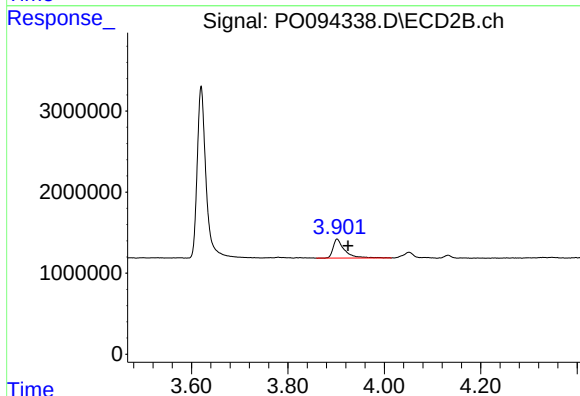
R.T.: 3.902 min
Delta R.T.: 0.062 min
Response: 3875615
Conc: 247.50 ng/ml



#9 AR-1221-2

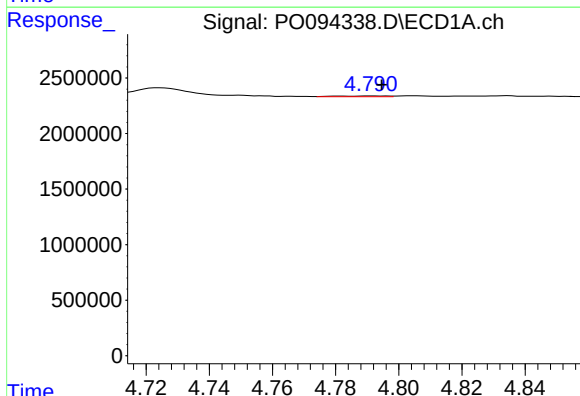
R.T.: 4.724 min
Delta R.T.: 0.006 min
Response: 1045193
Conc: 30.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



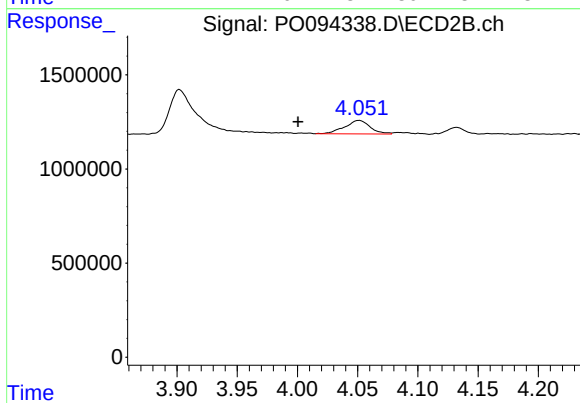
#9 AR-1221-2

R.T.: 3.902 min
Delta R.T.: -0.023 min
Response: 3875615
Conc: 328.37 ng/ml



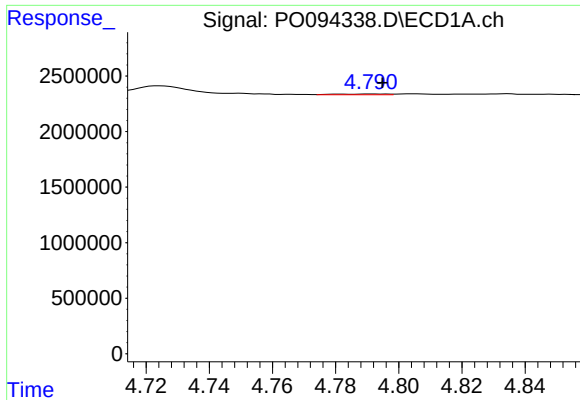
#10 AR-1221-3

R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 66321
Conc: 0.63 ng/ml



#10 AR-1221-3

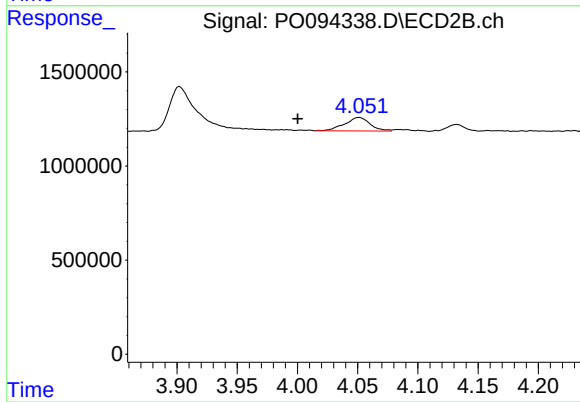
R.T.: 4.051 min
Delta R.T.: 0.051 min
Response: 1056880
Conc: 28.69 ng/ml



#11 AR-1232-1

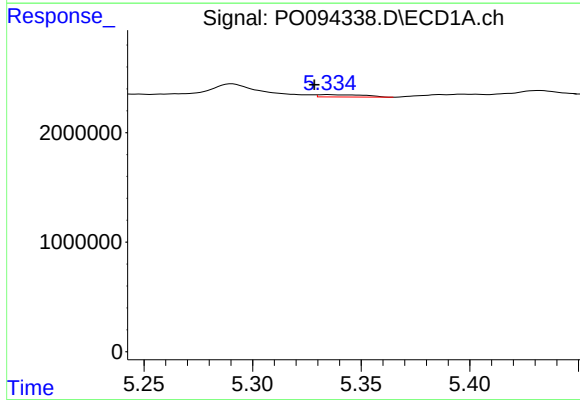
R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 66321
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



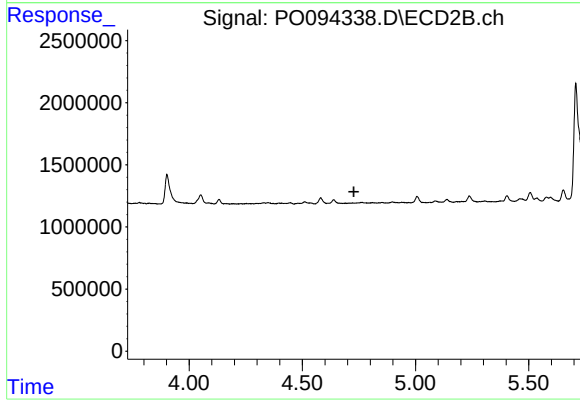
#11 AR-1232-1

R.T.: 4.051 min
Delta R.T.: 0.051 min
Response: 1056880
Conc: 33.83 ng/ml



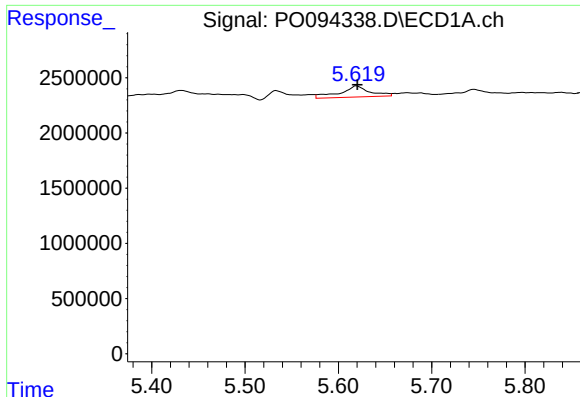
#12 AR-1232-2

R.T.: 5.335 min
Delta R.T.: 0.006 min
Response: 320159
Conc: 7.49 ng/ml



#12 AR-1232-2

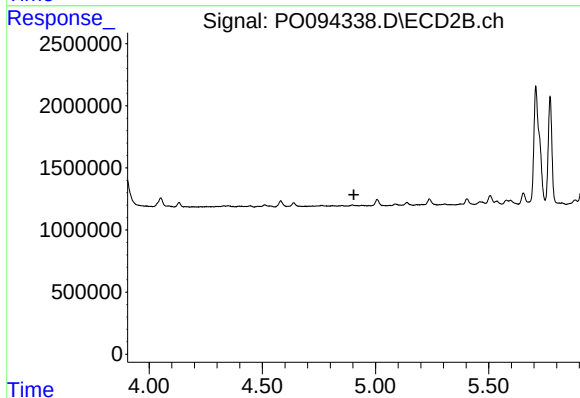
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

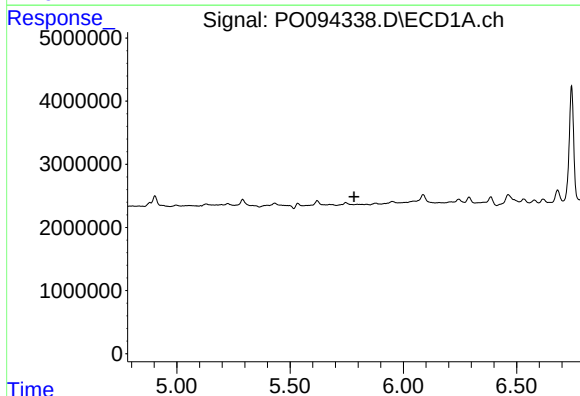
R.T.: 5.619 min
Delta R.T.: -0.001 min
Response: 2213798
Conc: 30.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



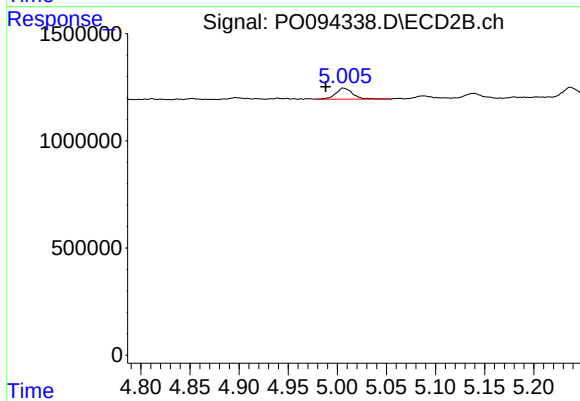
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



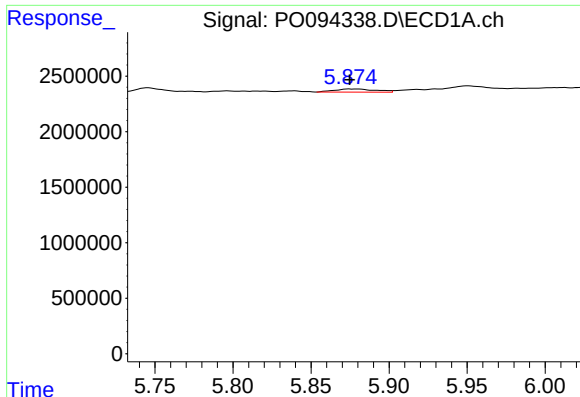
#14 AR-1232-4

R.T.: 5.797 min
Delta R.T.: 0.015 min
Response: -15221
Conc: N.D.



#14 AR-1232-4

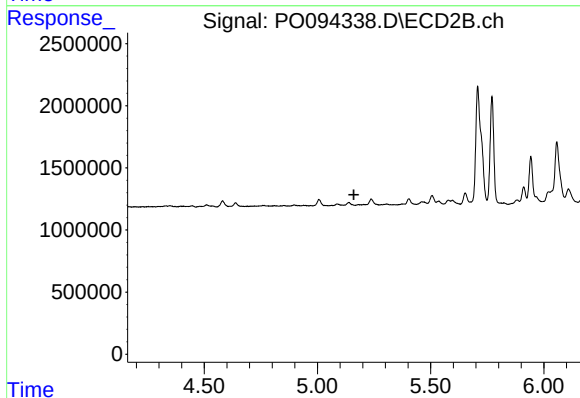
R.T.: 5.006 min
Delta R.T.: 0.018 min
Response: 627848
Conc: 44.18 ng/ml



#15 AR-1232-5

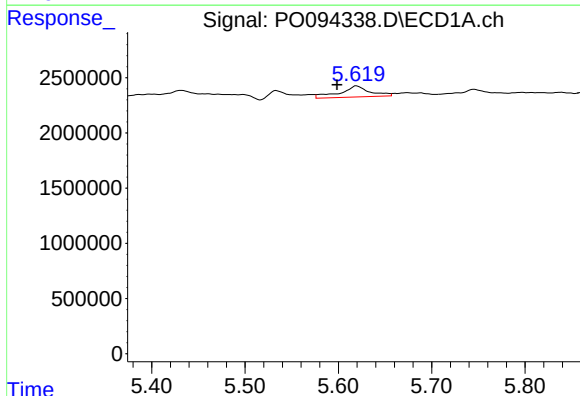
R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 515113
Conc: 16.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



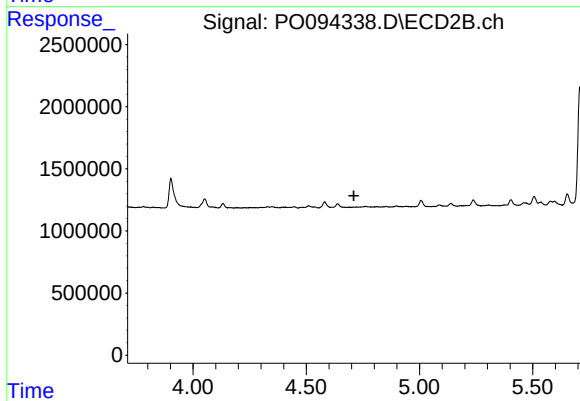
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



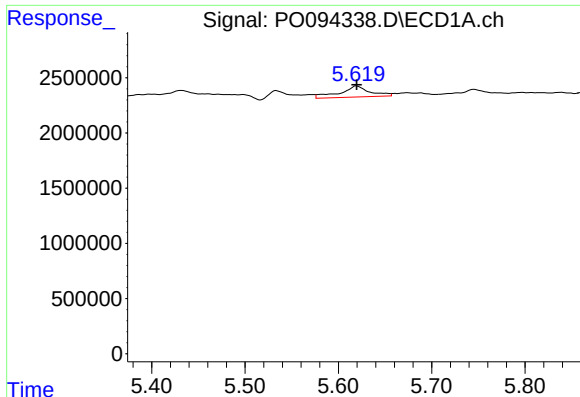
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: 0.021 min
Response: 2213798
Conc: 25.36 ng/ml



#16 AR-1242-1

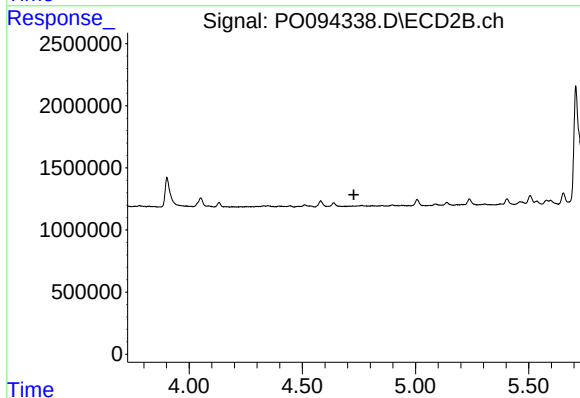
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

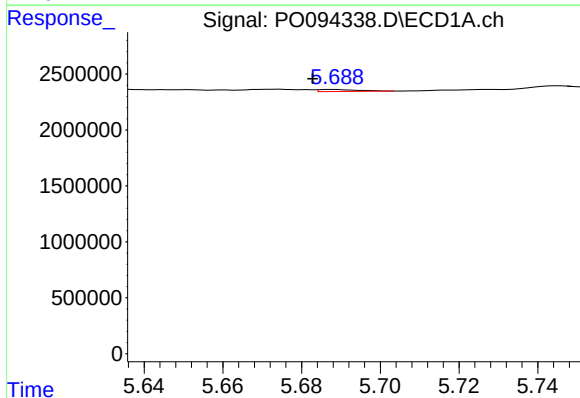
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 2213798
Conc: 16.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



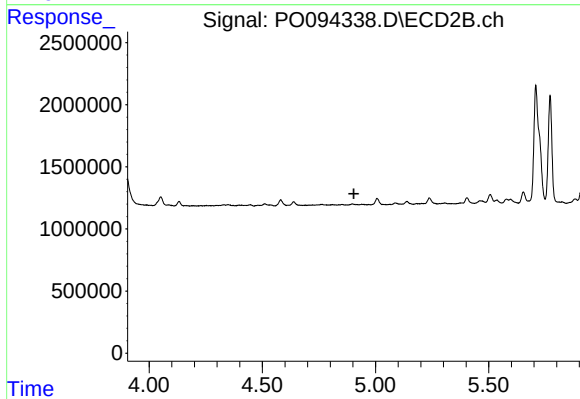
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



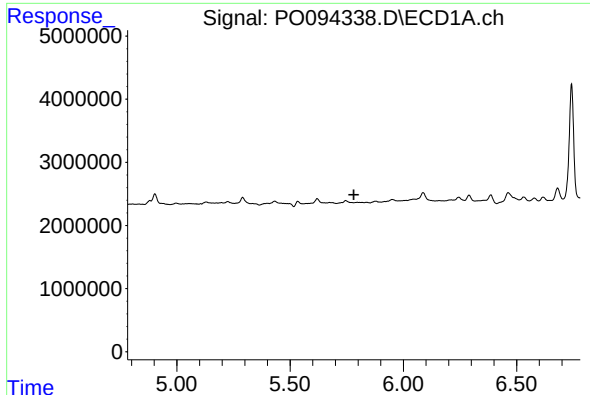
#18 AR-1242-3

R.T.: 5.688 min
Delta R.T.: 0.005 min
Response: 120601
Conc: 1.42 ng/ml



#18 AR-1242-3

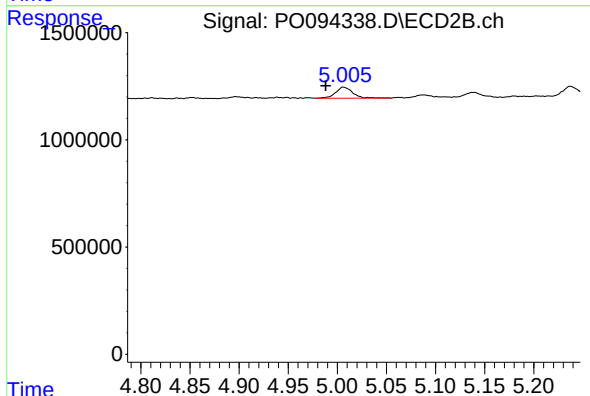
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#19 AR-1242-4

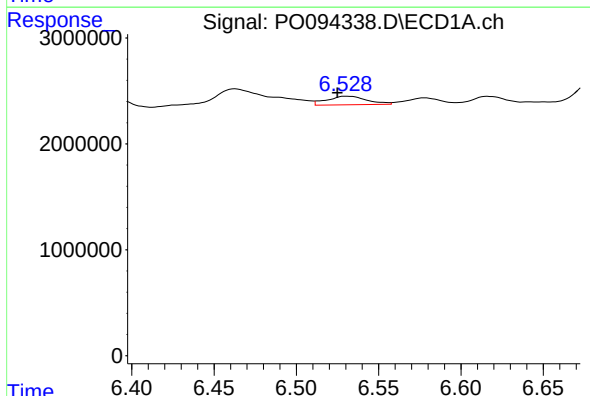
R.T.: 5.797 min
Delta R.T.: 0.015 min
Response: -15221
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



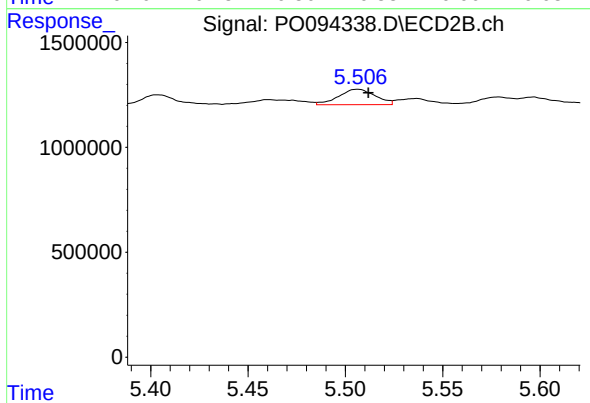
#19 AR-1242-4

R.T.: 5.006 min
Delta R.T.: 0.018 min
Response: 627848
Conc: 22.36 ng/ml



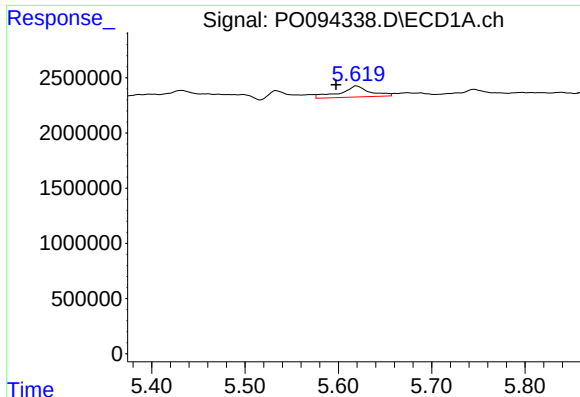
#20 AR-1242-5

R.T.: 6.530 min
Delta R.T.: 0.005 min
Response: 1374480
Conc: 20.41 ng/ml



#20 AR-1242-5

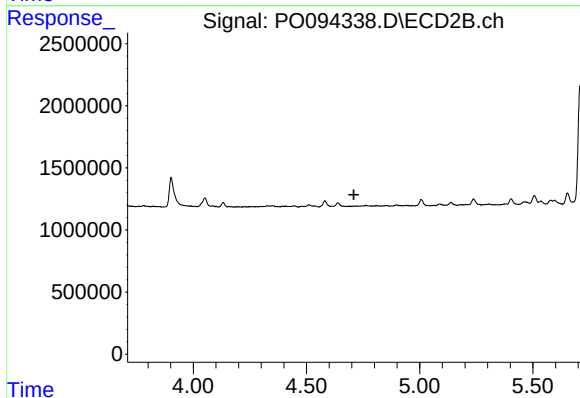
R.T.: 5.506 min
Delta R.T.: -0.005 min
Response: 963917
Conc: 33.81 ng/ml



#21 AR-1248-1

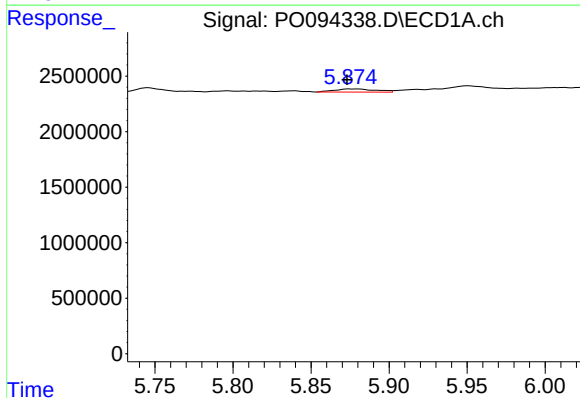
R.T.: 5.619 min
Delta R.T.: 0.022 min
Response: 2213798
Conc: 32.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



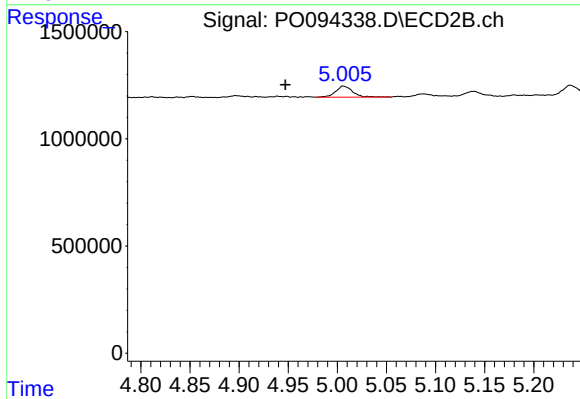
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



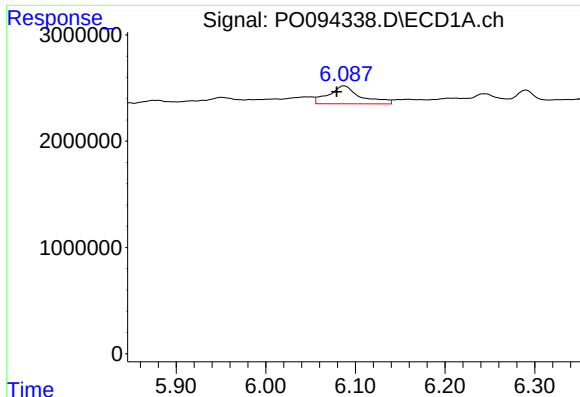
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: 0.001 min
Response: 515113
Conc: 4.71 ng/ml



#22 AR-1248-2

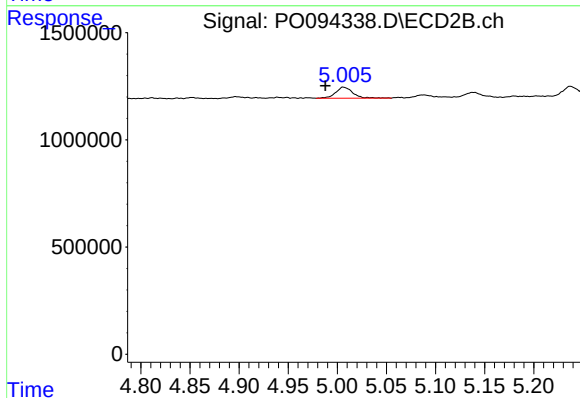
R.T.: 5.006 min
Delta R.T.: 0.059 min
Response: 627848
Conc: 15.76 ng/ml



#23 AR-1248-3

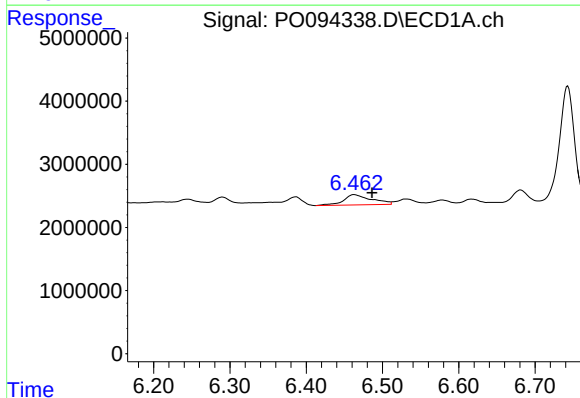
R.T.: 6.087 min
Delta R.T.: 0.008 min
Response: 4169463
Conc: 34.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



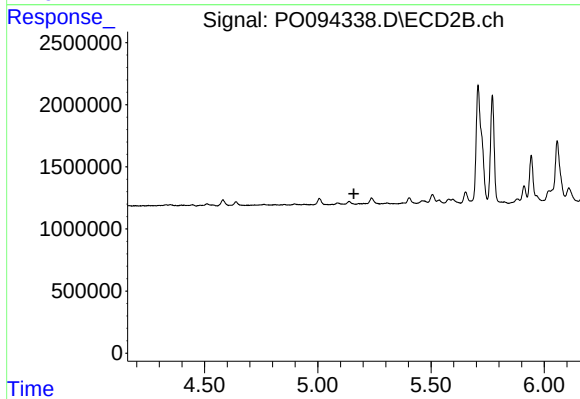
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.018 min
Response: 627848
Conc: 15.04 ng/ml



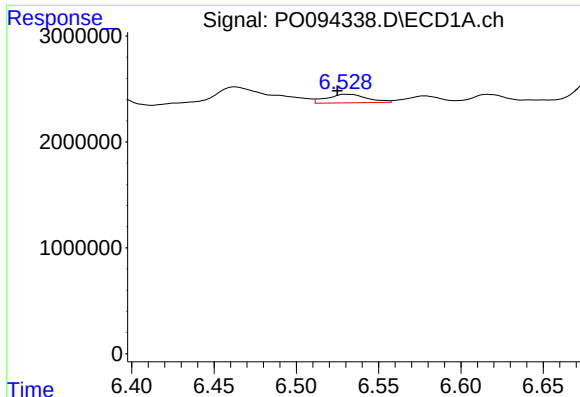
#24 AR-1248-4

R.T.: 6.463 min
Delta R.T.: -0.023 min
Response: 4209984
Conc: 39.20 ng/ml



#24 AR-1248-4

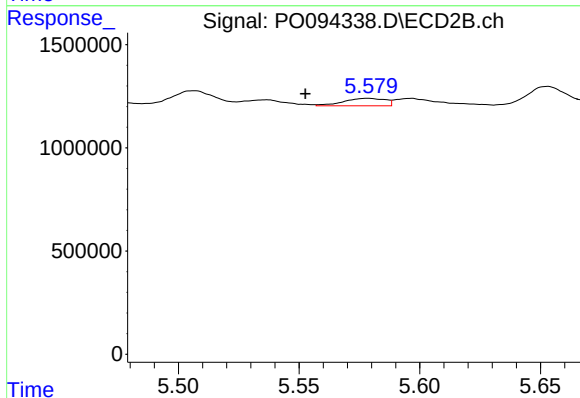
R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

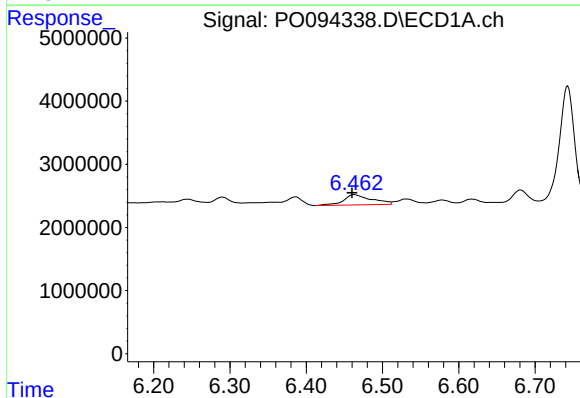
R.T.: 6.530 min
Delta R.T.: 0.005 min
Response: 1374480
Conc: 11.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



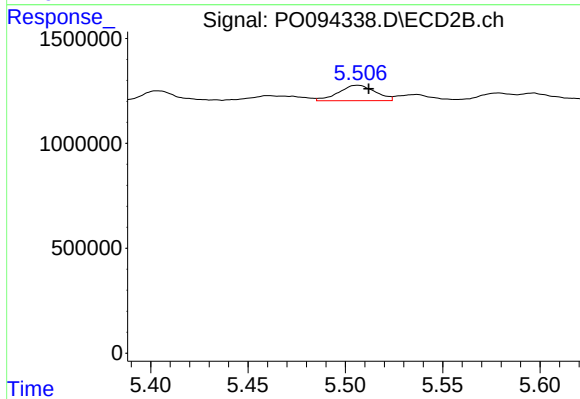
#25 AR-1248-5

R.T.: 5.579 min
Delta R.T.: 0.026 min
Response: 431642
Conc: 11.56 ng/ml



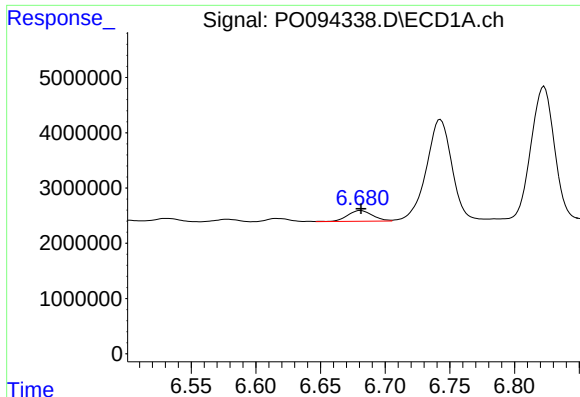
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: 0.003 min
Response: 4209984
Conc: 31.04 ng/ml



#26 AR-1254-1

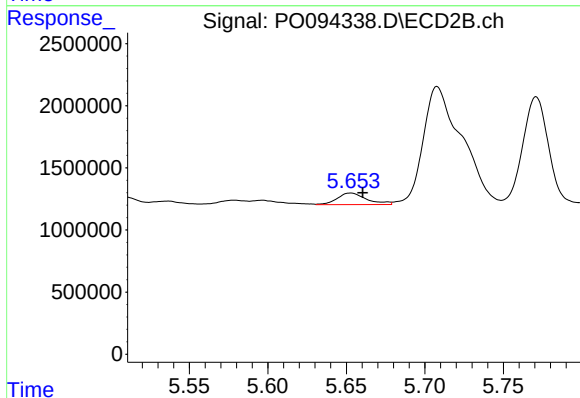
R.T.: 5.506 min
Delta R.T.: -0.006 min
Response: 963917
Conc: 14.10 ng/ml



#27 AR-1254-2

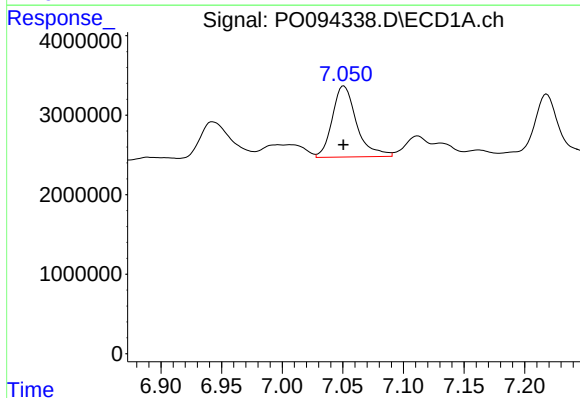
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 2605698
Conc: 13.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



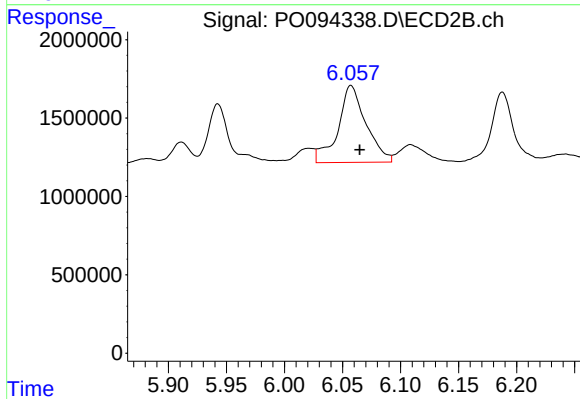
#27 AR-1254-2

R.T.: 5.653 min
Delta R.T.: -0.008 min
Response: 1209214
Conc: 19.85 ng/ml



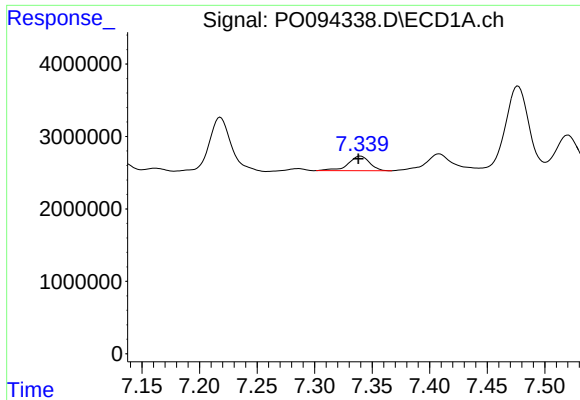
#28 AR-1254-3

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 12484479
Conc: 67.58 ng/ml



#28 AR-1254-3

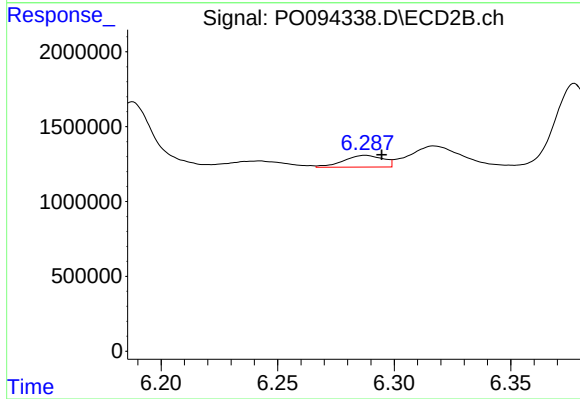
R.T.: 6.057 min
Delta R.T.: -0.008 min
Response: 8227087
Conc: 90.32 ng/ml



#29 AR-1254-4

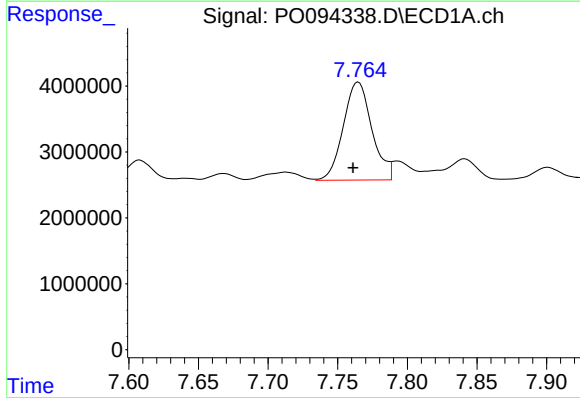
R.T.: 7.340 min
Delta R.T.: 0.002 min
Response: 2638022
Conc: 26.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



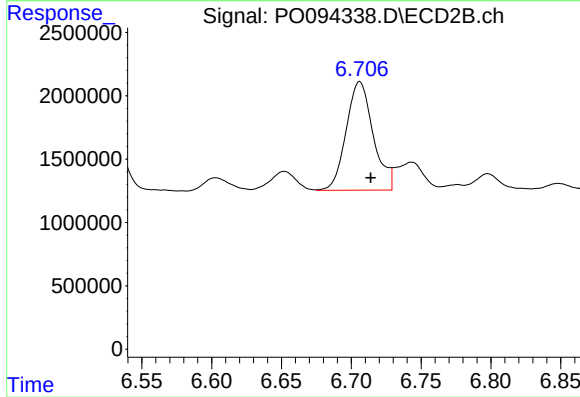
#29 AR-1254-4

R.T.: 6.288 min
Delta R.T.: -0.007 min
Response: 916608
Conc: 21.52 ng/ml



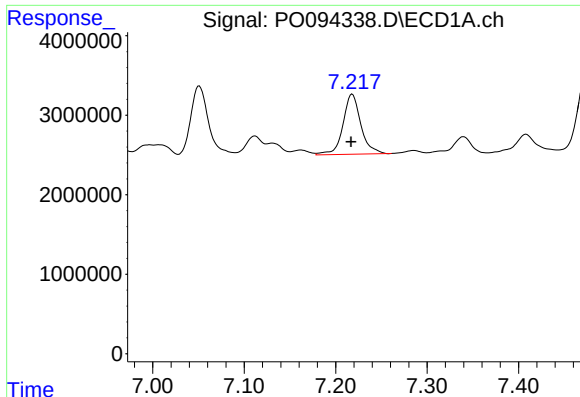
#30 AR-1254-5

R.T.: 7.765 min
Delta R.T.: 0.004 min
Response: 21230331
Conc: 156.56 ng/ml



#30 AR-1254-5

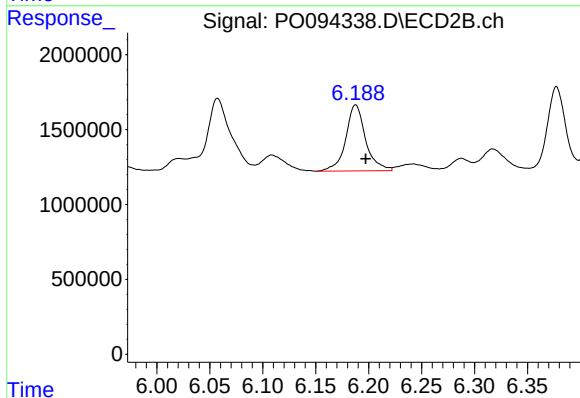
R.T.: 6.706 min
Delta R.T.: -0.008 min
Response: 11561418
Conc: 160.23 ng/ml



#31 AR-1260-1

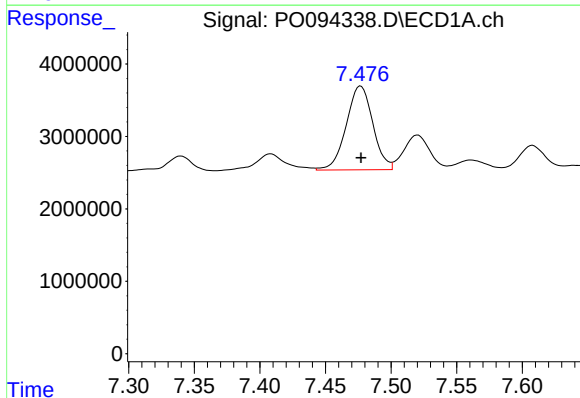
R.T.: 7.218 min
Delta R.T.: 0.001 min
Response: 10338088
Conc: 70.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



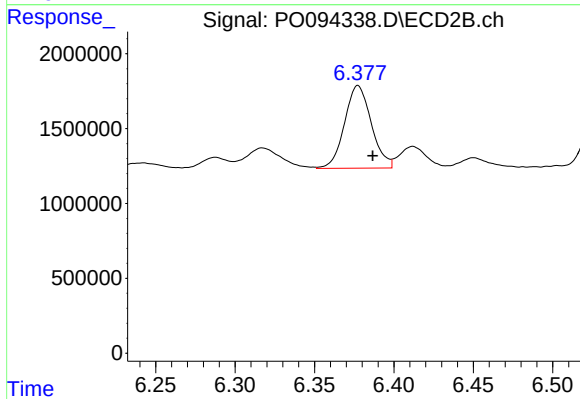
#31 AR-1260-1

R.T.: 6.188 min
Delta R.T.: -0.010 min
Response: 5772792
Conc: 88.52 ng/ml



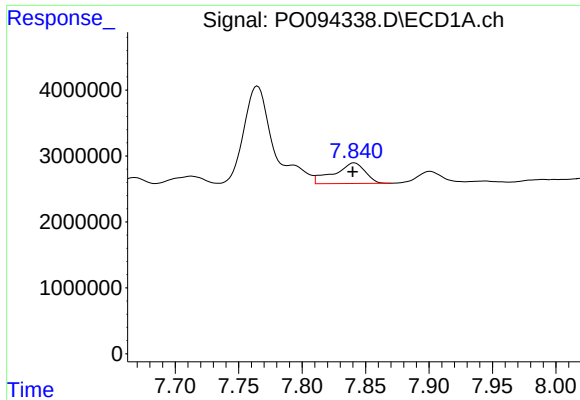
#32 AR-1260-2

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 16300684
Conc: 101.84 ng/ml



#32 AR-1260-2

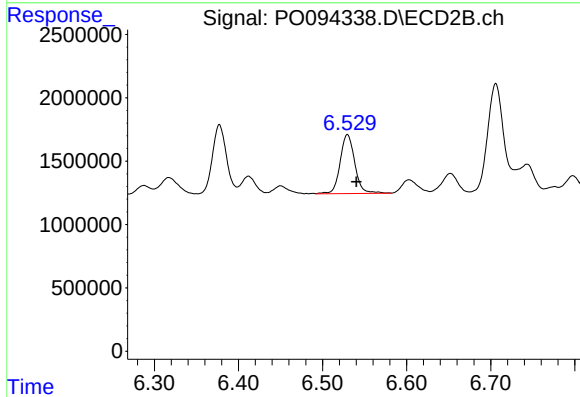
R.T.: 6.377 min
Delta R.T.: -0.009 min
Response: 6491703
Conc: 89.39 ng/ml



#33 AR-1260-3

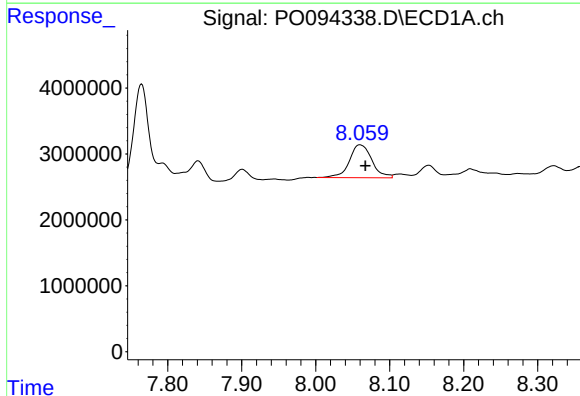
R.T.: 7.841 min
Delta R.T.: 0.001 min
Response: 5337072
Conc: 40.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



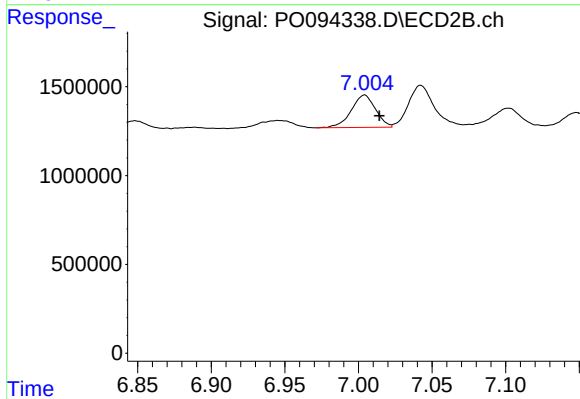
#33 AR-1260-3

R.T.: 6.530 min
Delta R.T.: -0.011 min
Response: 5625988
Conc: 77.52 ng/ml



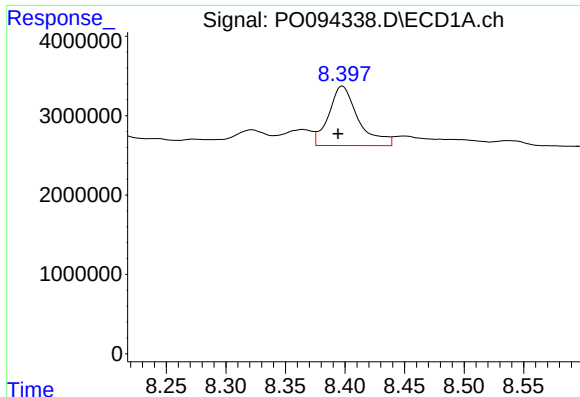
#34 AR-1260-4

R.T.: 8.060 min
Delta R.T.: -0.008 min
Response: 10586863
Conc: 76.86 ng/ml



#34 AR-1260-4

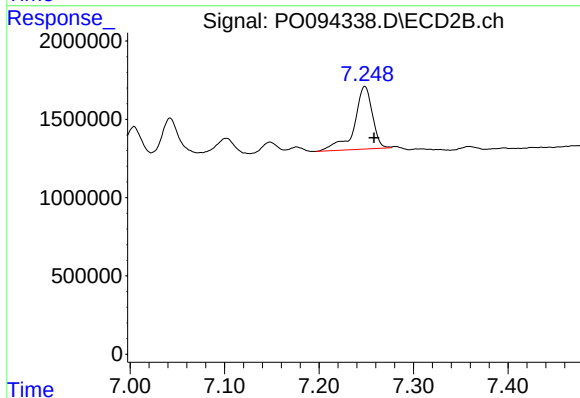
R.T.: 7.004 min
Delta R.T.: -0.010 min
Response: 2091960
Conc: 37.67 ng/ml



#35 AR-1260-5

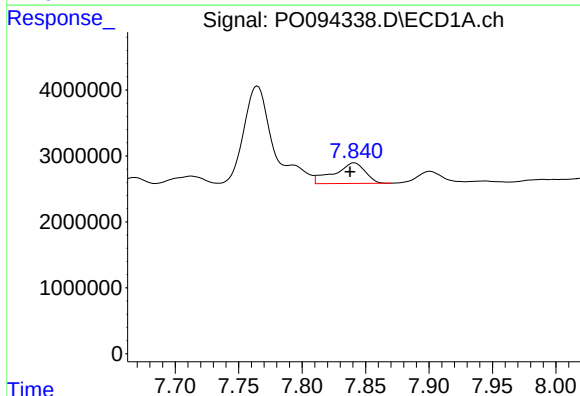
R.T.: 8.398 min
Delta R.T.: 0.004 min
Response: 12996920
Conc: 59.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



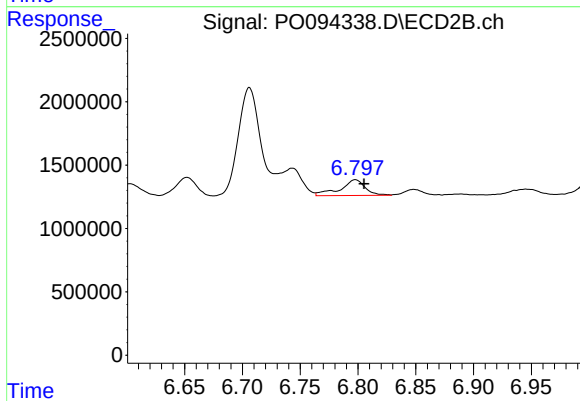
#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.010 min
Response: 5308489
Conc: 51.15 ng/ml



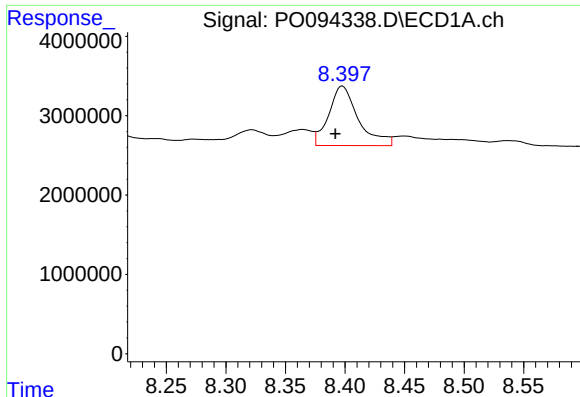
#36 AR-1262-1

R.T.: 7.841 min
Delta R.T.: 0.003 min
Response: 5337072
Conc: 31.24 ng/ml



#36 AR-1262-1

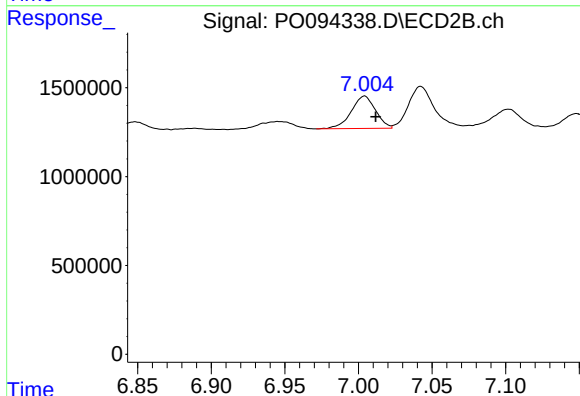
R.T.: 6.798 min
Delta R.T.: -0.008 min
Response: 1892510
Conc: 54.09 ng/ml



#37 AR-1262-2

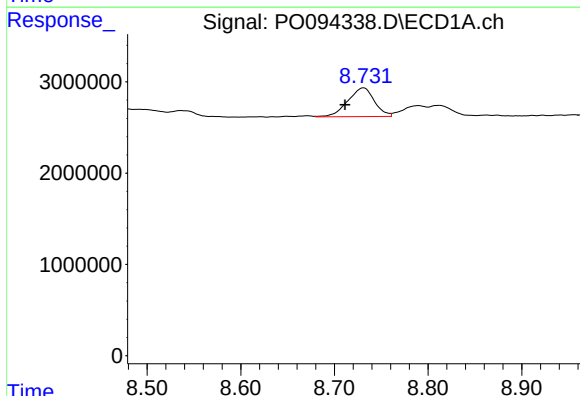
R.T.: 8.398 min
Delta R.T.: 0.006 min
Response: 12996920
Conc: 55.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



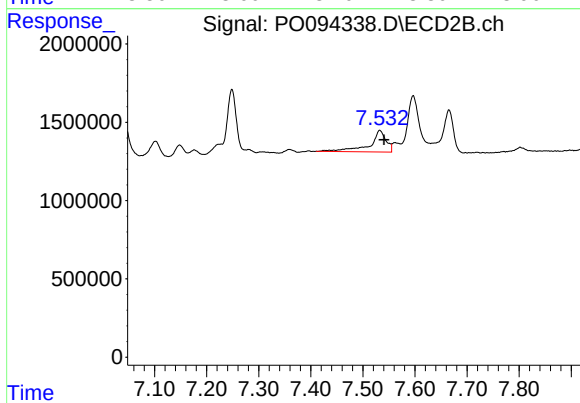
#37 AR-1262-2

R.T.: 7.004 min
Delta R.T.: -0.008 min
Response: 2091960
Conc: 29.61 ng/ml



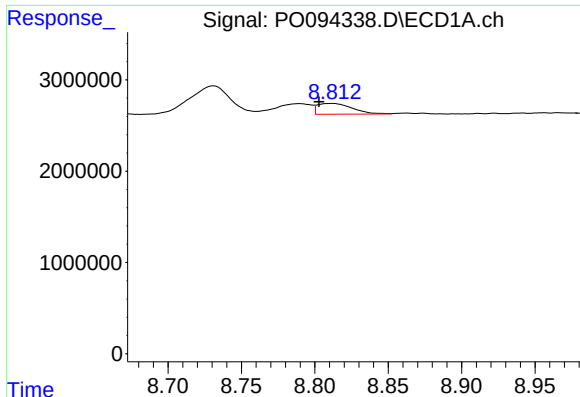
#38 AR-1262-3

R.T.: 8.731 min
Delta R.T.: 0.020 min
Response: 6225643
Conc: 38.01 ng/ml



#38 AR-1262-3

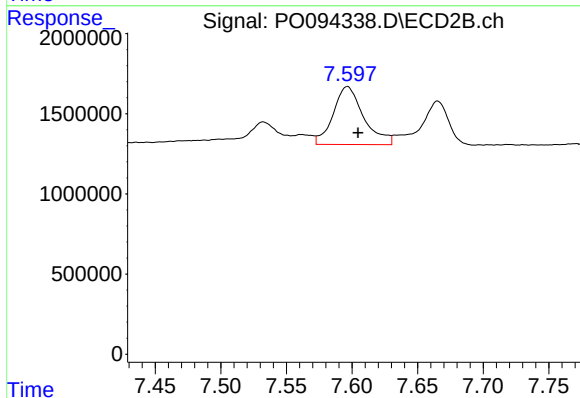
R.T.: 7.532 min
Delta R.T.: -0.008 min
Response: 3025294
Conc: 60.47 ng/ml



#39 AR-1262-4

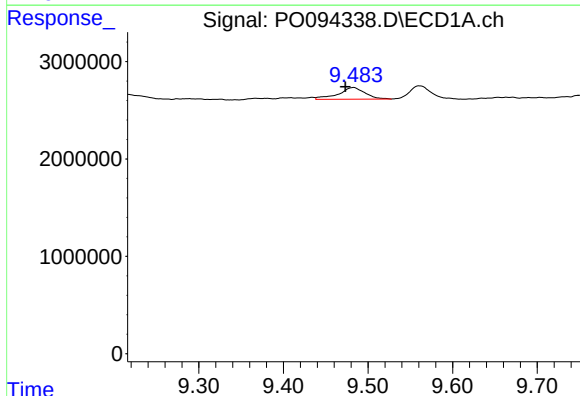
R.T.: 8.812 min
Delta R.T.: 0.009 min
Response: 1936309
Conc: 19.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



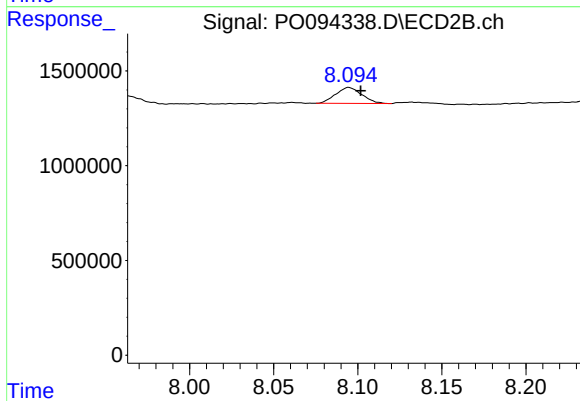
#39 AR-1262-4

R.T.: 7.597 min
Delta R.T.: -0.008 min
Response: 5862139
Conc: 70.69 ng/ml



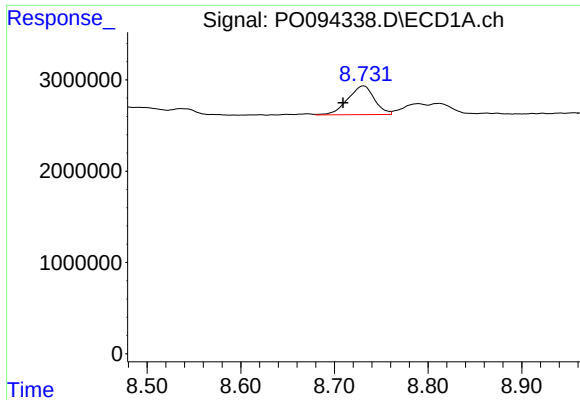
#40 AR-1262-5

R.T.: 9.483 min
Delta R.T.: 0.010 min
Response: 2626295
Conc: 32.63 ng/ml



#40 AR-1262-5

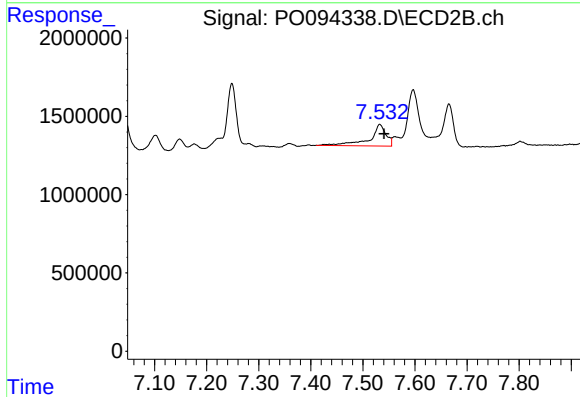
R.T.: 8.095 min
Delta R.T.: -0.007 min
Response: 908176
Conc: 27.92 ng/ml



#41 AR-1268-1

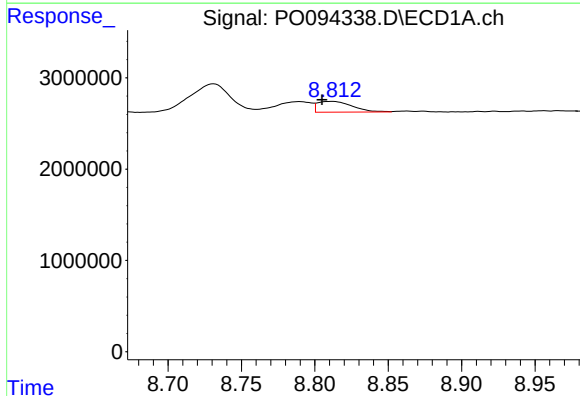
R.T.: 8.731 min
Delta R.T.: 0.022 min
Response: 6225643
Conc: 18.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



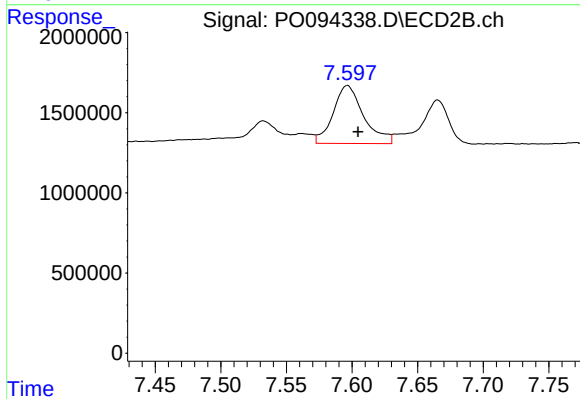
#41 AR-1268-1

R.T.: 7.532 min
Delta R.T.: -0.008 min
Response: 3025294
Conc: 19.80 ng/ml



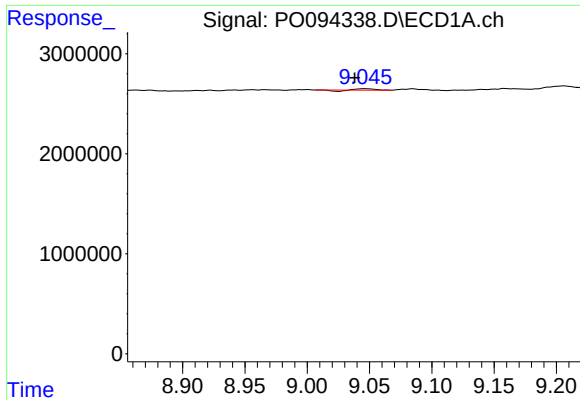
#42 AR-1268-2

R.T.: 8.812 min
Delta R.T.: 0.007 min
Response: 1936309
Conc: 6.02 ng/ml



#42 AR-1268-2

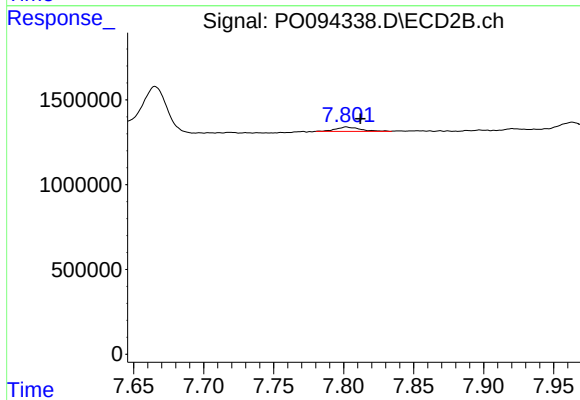
R.T.: 7.597 min
Delta R.T.: -0.008 min
Response: 5862139
Conc: 43.15 ng/ml



#43 AR-1268-3

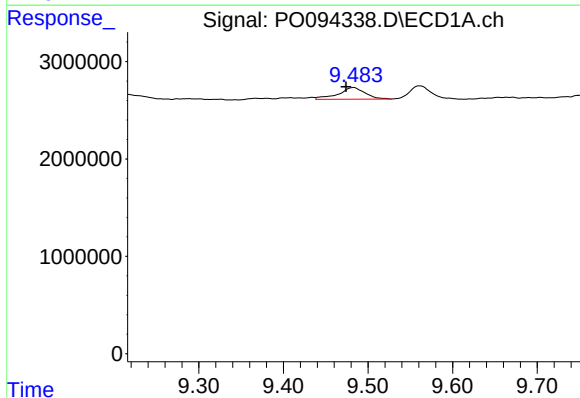
R.T.: 9.046 min
Delta R.T.: 0.008 min
Response: 81181
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



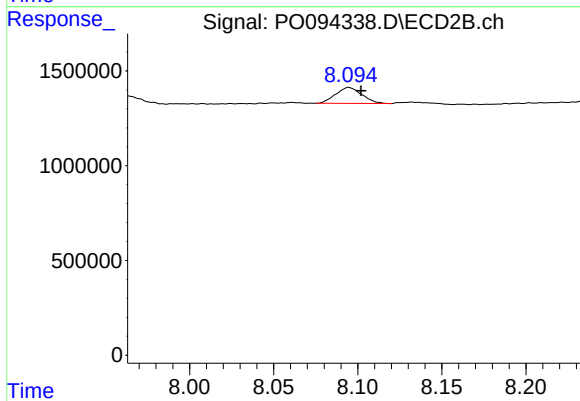
#43 AR-1268-3

R.T.: 7.802 min
Delta R.T.: -0.010 min
Response: 300937
Conc: 2.30 ng/ml



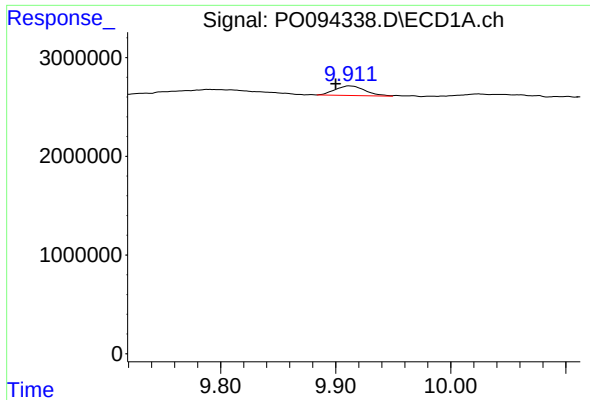
#44 AR-1268-4

R.T.: 9.483 min
Delta R.T.: 0.009 min
Response: 2626295
Conc: 27.16 ng/ml



#44 AR-1268-4

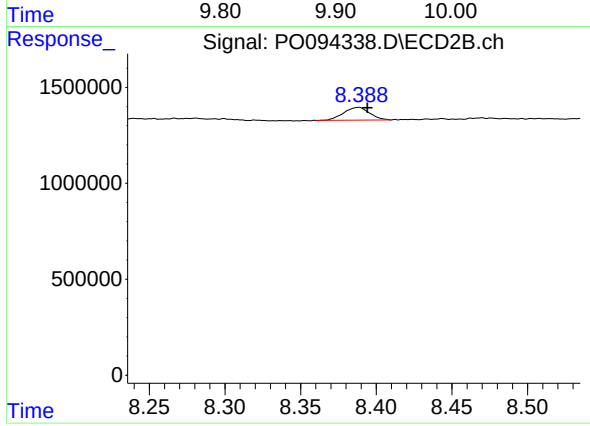
R.T.: 8.095 min
Delta R.T.: -0.007 min
Response: 908176
Conc: 22.94 ng/ml



#45 AR-1268-5

R.T.: 9.912 min
Delta R.T.: 0.012 min
Response: 1761961
Conc: 2.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.388 min
Delta R.T.: -0.006 min
Response: 785204
Conc: 2.24 ng/ml