

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040623\
 Data File : P0093861.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 15:29
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:24:51 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...	4.421	3.625	178.2E6	64341560	47.674	50.527
2)	SA Decachlor...	10.244	8.646	118.9E6	51223911	53.151	51.235
Target Compounds							
3)	L1 AR-1016-1	5.597	4.709	43469371	15870823	425.071	447.284
4)	L1 AR-1016-2	5.620	4.727	64574739	24033776	414.317	444.978
5)	L1 AR-1016-3	5.682	4.903	41689514	12584234	422.676	443.991
6)	L1 AR-1016-4	5.781	4.945	31412601	11205671	427.216	424.366
7)	L1 AR-1016-5	6.078	5.158	34902401	14813208	412.253	452.706
8)	L2 AR-1221-1	4.626	3.837	5314470	1973639	115.232	126.040
9)	L2 AR-1221-2	4.718	3.924	7989631	2906823	232.754	246.290
10)	L2 AR-1221-3	4.794	3.999	28389559	10813901	271.059	293.555
11)	L3 AR-1232-1	4.794	3.999	28389559	10813901	325.281	346.148
12)	L3 AR-1232-2	5.327	4.727	36842216	24033776	861.501	907.840
13)	L3 AR-1232-3	5.620	4.903	64574739	12584234	879.093	954.135
14)	L3 AR-1232-4	5.781	4.987	31412601	14130725	912.568	994.352
15)	L3 AR-1232-5	5.873	5.158	29194612	14813208	919.157	958.875
16)	L4 AR-1242-1	5.597	4.709	43469371	15870823	498.021	515.745
17)	L4 AR-1242-2	5.620	4.727	64574739	24033776	485.651	522.541
18)	L4 AR-1242-3	5.682	4.903	41689514	12584234	491.115	519.275
19)	L4 AR-1242-4	5.781	4.987	31412601	14130725	502.754	503.344
20)	L4 AR-1242-5	6.524	5.510	34265359	15490986	508.915	543.336
21)	L5 AR-1248-1	5.597	4.709	43469371	15870823	646.076	665.400
22)	L5 AR-1248-2	5.873	4.945	29194612	11205671	266.894	281.316
23)	L5 AR-1248-3	6.078	4.987	34902401	14130725	289.118	338.549
24)	L5 AR-1248-4	6.485	5.158	30940078	14813208	288.090	315.013
25)	L5 AR-1248-5	6.524	5.551	34265359	12392000	295.330	331.923
26)	L6 AR-1254-1	6.457	5.510	23343970	15490986	172.119	226.630 #
27)	L6 AR-1254-2	6.682	5.659	27786049	4433871	142.148	72.799 #
28)	L6 AR-1254-3	7.049	6.063	11481615	5071854	62.149	55.681
29)	L6 AR-1254-4	7.337	6.293	6753133	3846130	66.591	90.295 #
30)	L6 AR-1254-5	7.761	6.712	3104632	1121656	22.895	15.545 #
31)	L7 AR-1260-1	7.215	6.207	877093	1966845	6.009	30.161 #
32)	L7 AR-1260-2	7.475	6.383	1145931	694270	7.160	9.560 #
33)	L7 AR-1260-3	7.830	6.535	117665	810423	0.886	11.167 #
34)	L7 AR-1260-4	8.049	7.046	903031	370086	6.556	6.664
35)	L7 AR-1260-5	8.388	7.232	509642	227482	2.340	2.192
36)	L8 AR-1262-1	7.830	0.000	117665	0	0.689	N.D. #
37)	L8 AR-1262-2	8.388	7.046	509642	370086	2.192	5.238 #
38)	L8 AR-1262-3	8.717	0.000	378704	0	2.312	N.D. #
39)	L8 AR-1262-4	8.817	7.662f	268462	1095410	2.679	13.209 #
40)	L8 AR-1262-5	9.456	0.000	422180	0	5.245	N.D. #
41)	L9 AR-1268-1	8.717	0.000	378704	0	1.125	N.D. #

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 ALS Vial : 4 Sample Multiplier: 1

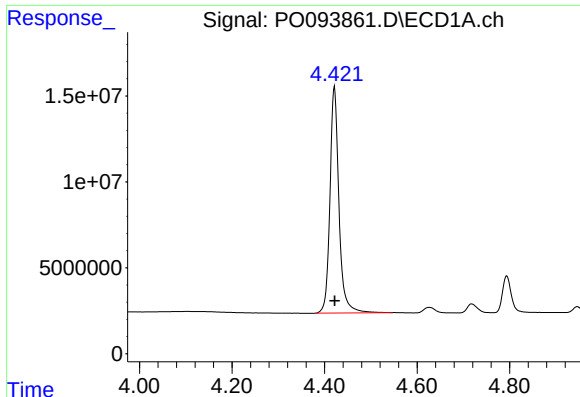
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:24:51 2023
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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	8.817	7.662f	268462	1095410	0.834	8.063 #
43) L9	AR-1268-3	9.032	0.000	302831	0	1.068	N.D. #
44) L9	AR-1268-4	9.456	0.000	422180	0	4.366	N.D. #
45) L9	AR-1268-5	9.901	0.000	294135	0	0.350	N.D. #

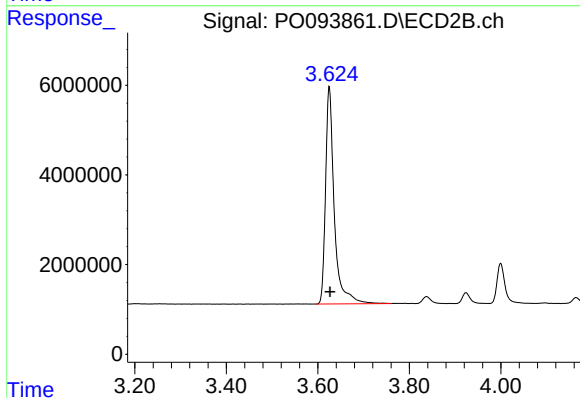
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

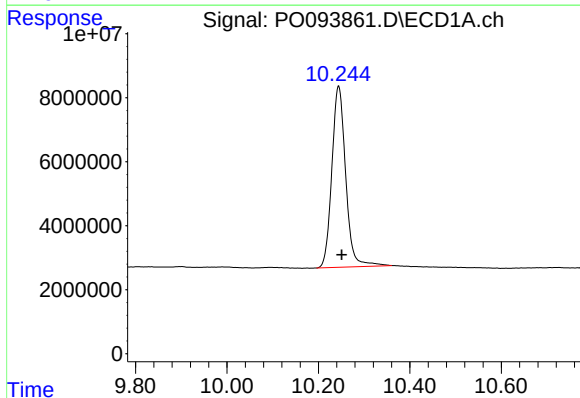
R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 178213973
Conc: 47.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



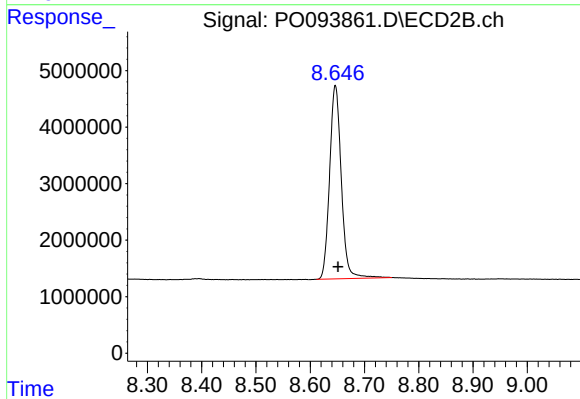
#1 Tetrachloro-m-xylene

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 64341560
Conc: 50.53 ng/ml



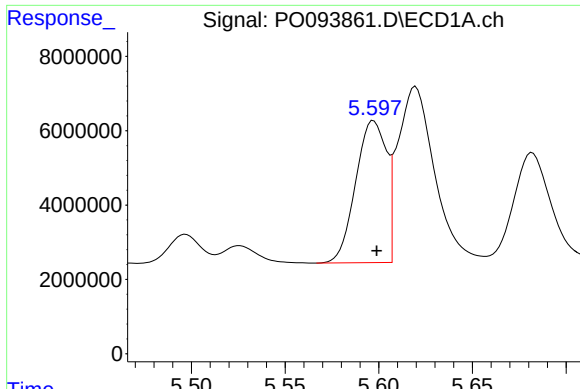
#2 Decachlorobiphenyl

R.T.: 10.244 min
Delta R.T.: -0.007 min
Response: 118895526
Conc: 53.15 ng/ml



#2 Decachlorobiphenyl

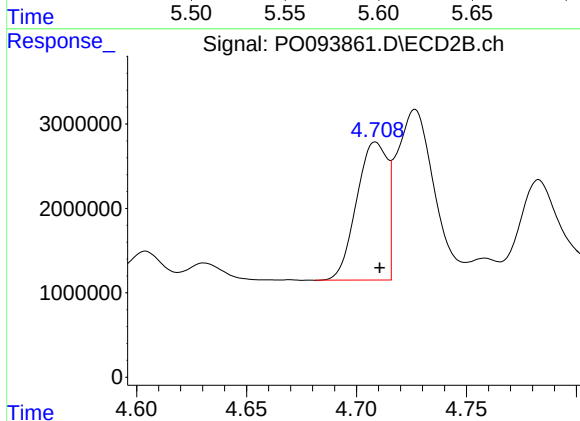
R.T.: 8.646 min
Delta R.T.: -0.005 min
Response: 51223911
Conc: 51.23 ng/ml



#3 AR-1016-1

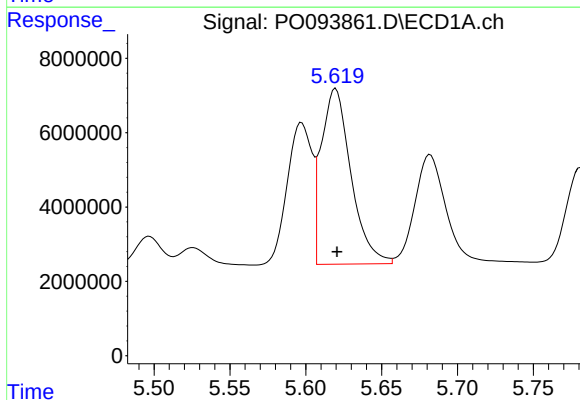
R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 43469371
Conc: 425.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



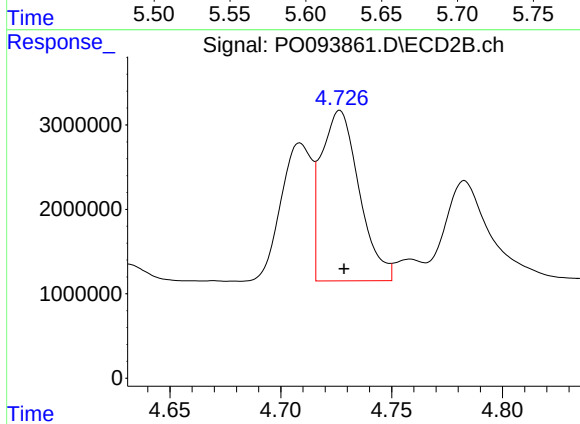
#3 AR-1016-1

R.T.: 4.709 min
Delta R.T.: -0.002 min
Response: 15870823
Conc: 447.28 ng/ml



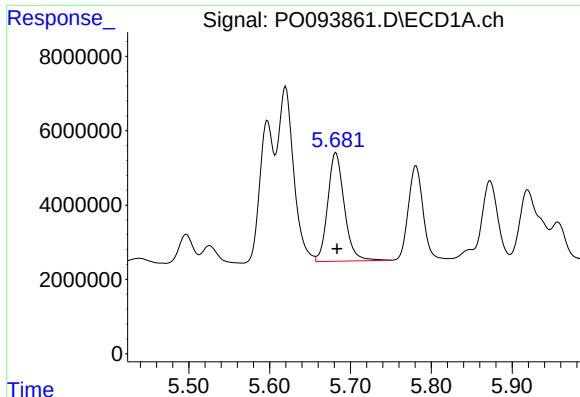
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 64574739
Conc: 414.32 ng/ml



#4 AR-1016-2

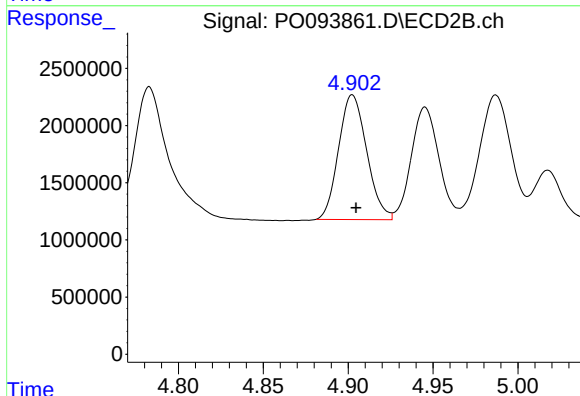
R.T.: 4.727 min
Delta R.T.: -0.002 min
Response: 24033776
Conc: 444.98 ng/ml



#5 AR-1016-3

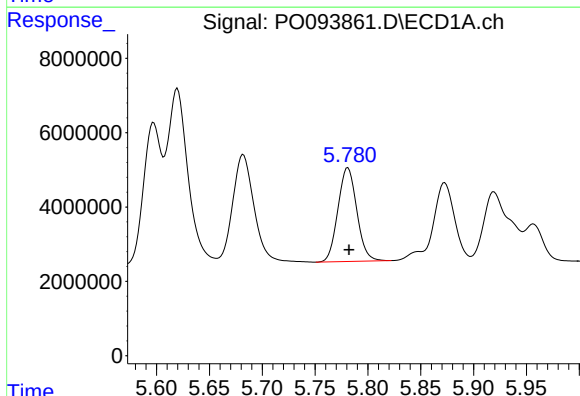
R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 41689514
Conc: 422.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



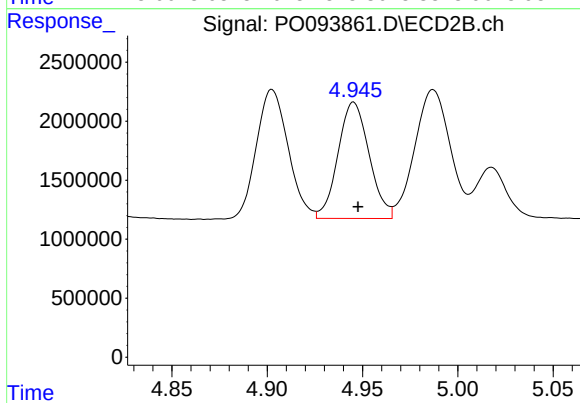
#5 AR-1016-3

R.T.: 4.903 min
Delta R.T.: -0.002 min
Response: 12584234
Conc: 443.99 ng/ml



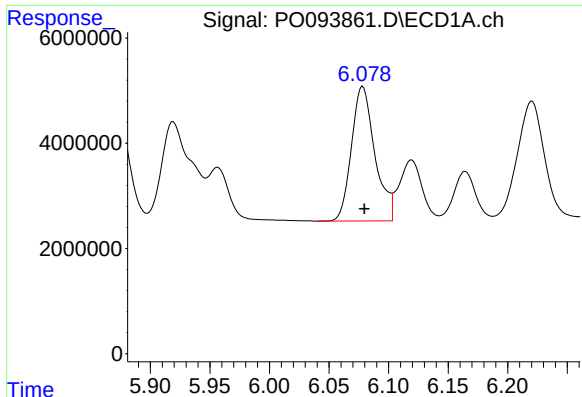
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 31412601
Conc: 427.22 ng/ml



#6 AR-1016-4

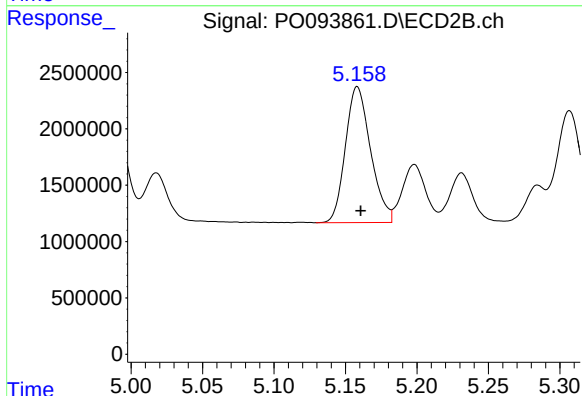
R.T.: 4.945 min
Delta R.T.: -0.002 min
Response: 11205671
Conc: 424.37 ng/ml



#7 AR-1016-5

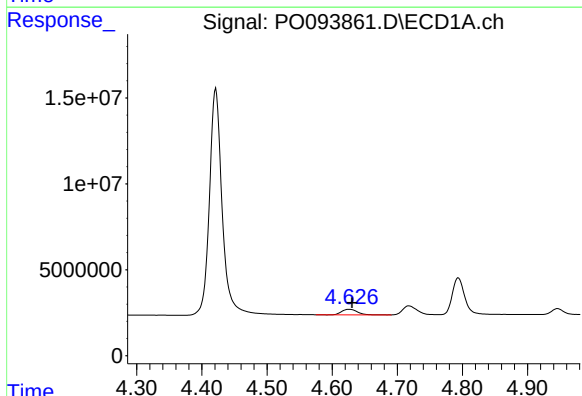
R.T.: 6.078 min
Delta R.T.: -0.001 min
Response: 34902401
Conc: 412.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



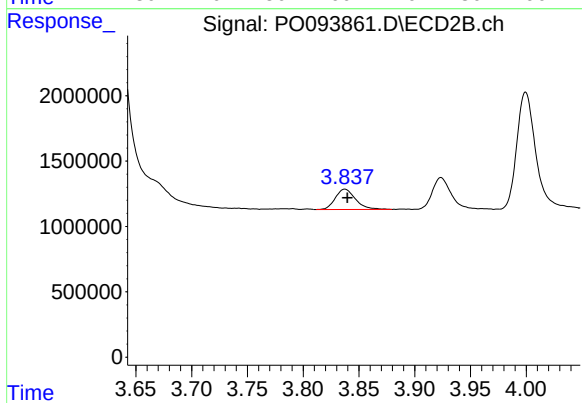
#7 AR-1016-5

R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 14813208
Conc: 452.71 ng/ml



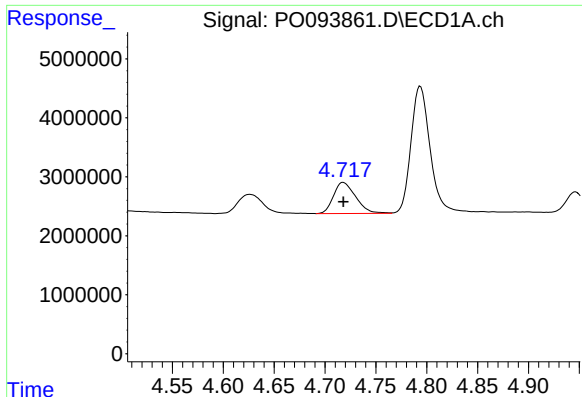
#8 AR-1221-1

R.T.: 4.626 min
Delta R.T.: -0.004 min
Response: 5314470
Conc: 115.23 ng/ml



#8 AR-1221-1

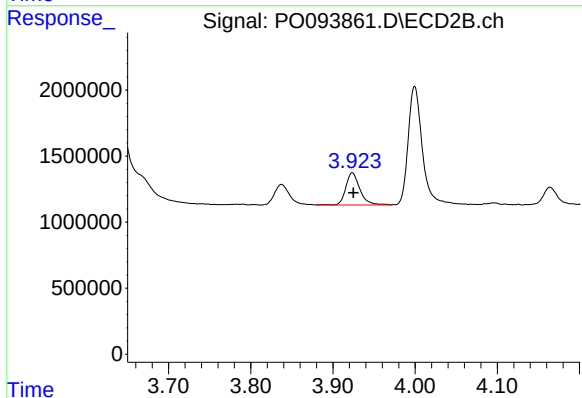
R.T.: 3.837 min
Delta R.T.: -0.002 min
Response: 1973639
Conc: 126.04 ng/ml



#9 AR-1221-2

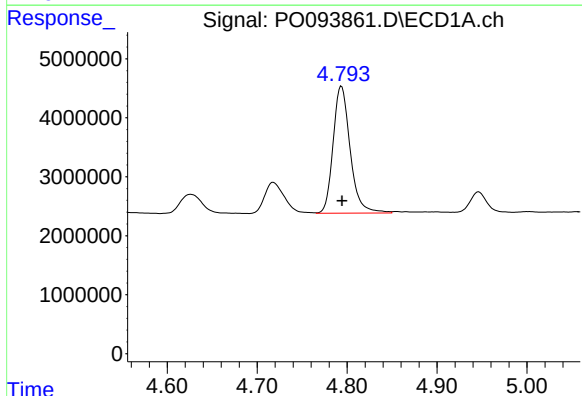
R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 7989631
Conc: 232.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



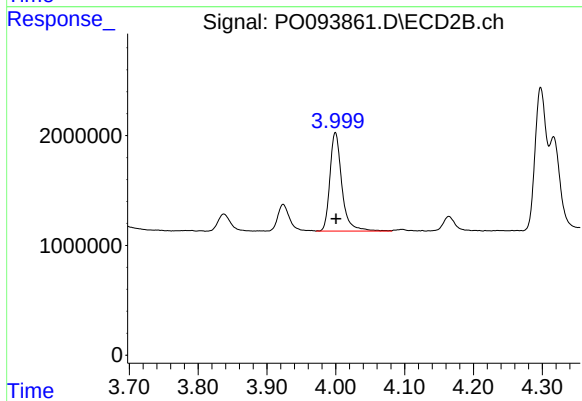
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: -0.001 min
Response: 2906823
Conc: 246.29 ng/ml



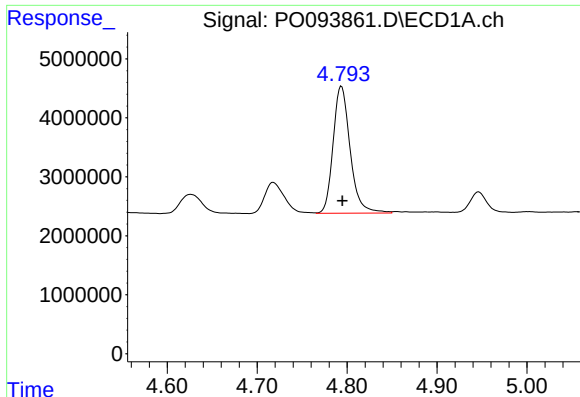
#10 AR-1221-3

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 28389559
Conc: 271.06 ng/ml



#10 AR-1221-3

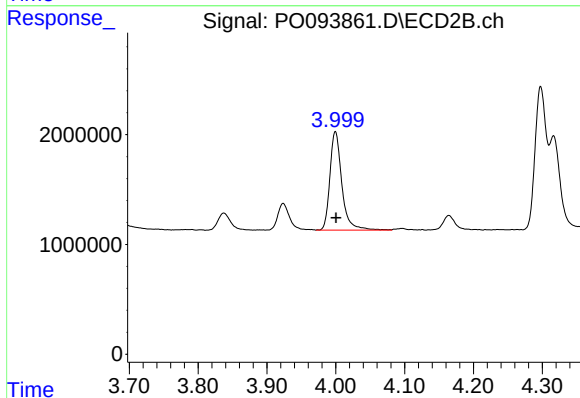
R.T.: 3.999 min
Delta R.T.: -0.001 min
Response: 10813901
Conc: 293.55 ng/ml



#11 AR-1232-1

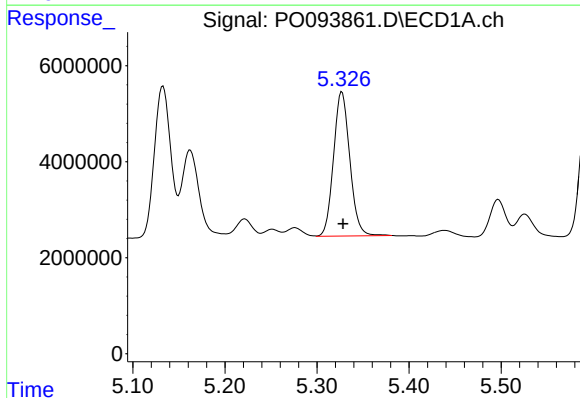
R.T.: 4.794 min
Delta R.T.: -0.001 min
Response: 28389559
Conc: 325.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



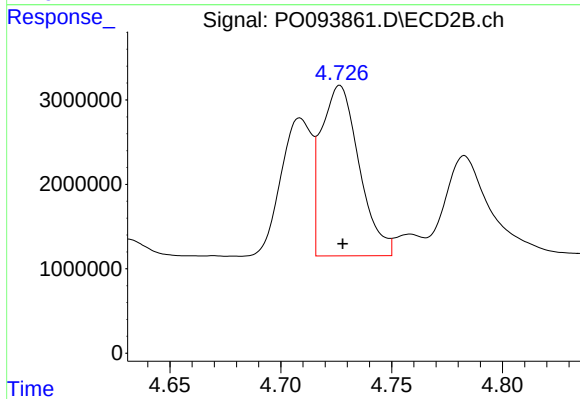
#11 AR-1232-1

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 10813901
Conc: 346.15 ng/ml



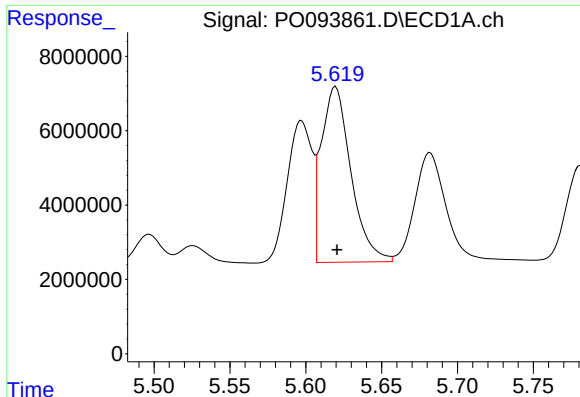
#12 AR-1232-2

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 36842216
Conc: 861.50 ng/ml



#12 AR-1232-2

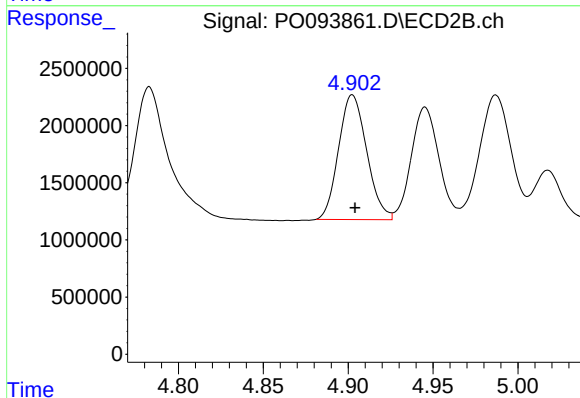
R.T.: 4.727 min
Delta R.T.: -0.001 min
Response: 24033776
Conc: 907.84 ng/ml



#13 AR-1232-3

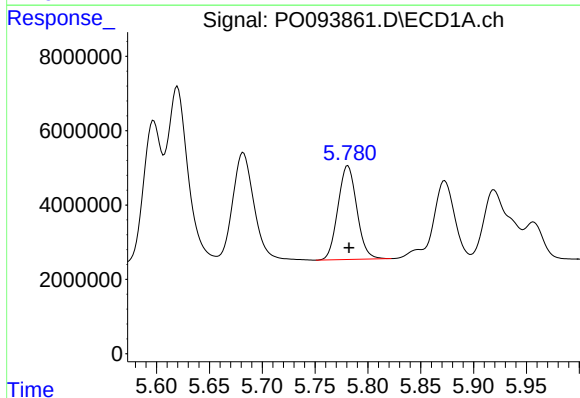
R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 64574739
Conc: 879.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



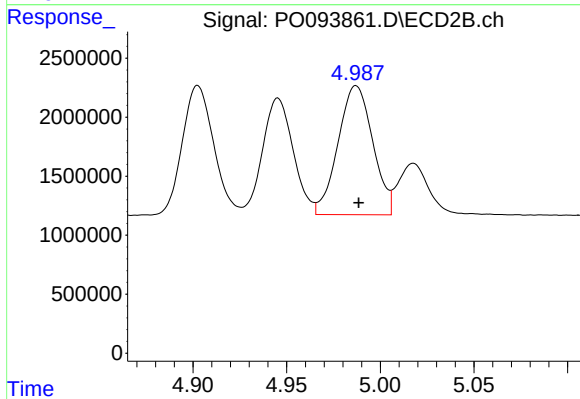
#13 AR-1232-3

R.T.: 4.903 min
Delta R.T.: -0.001 min
Response: 12584234
Conc: 954.14 ng/ml



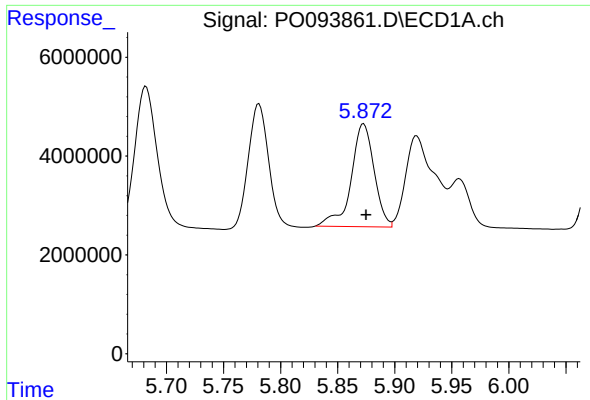
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 31412601
Conc: 912.57 ng/ml



#14 AR-1232-4

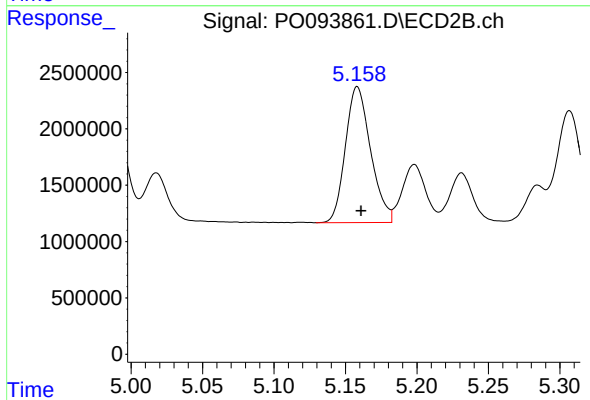
R.T.: 4.987 min
Delta R.T.: -0.001 min
Response: 14130725
Conc: 994.35 ng/ml



#15 AR-1232-5

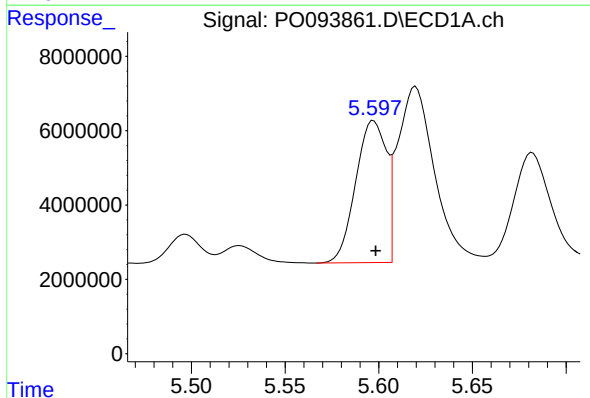
R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 29194612
Conc: 919.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



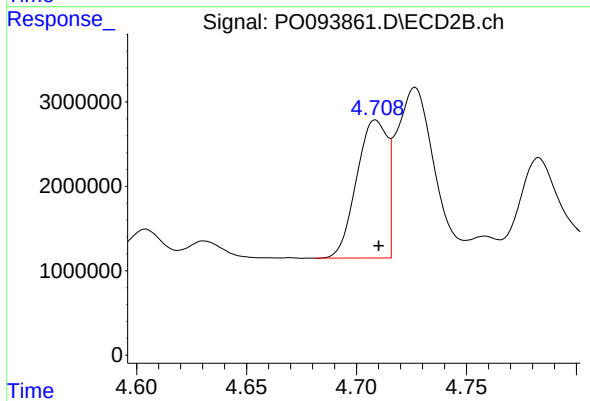
#15 AR-1232-5

R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 14813208
Conc: 958.87 ng/ml



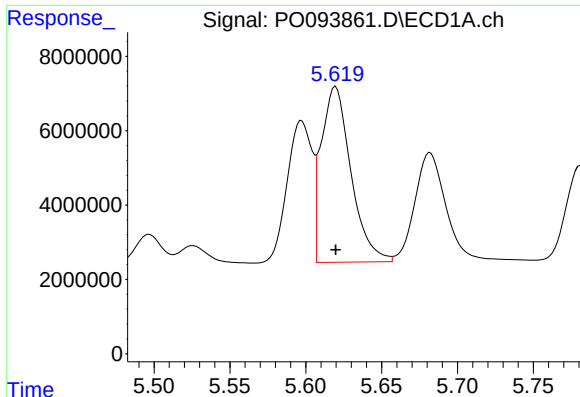
#16 AR-1242-1

R.T.: 5.597 min
Delta R.T.: -0.001 min
Response: 43469371
Conc: 498.02 ng/ml



#16 AR-1242-1

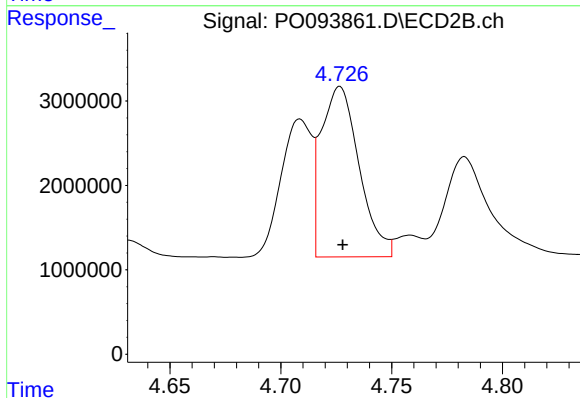
R.T.: 4.709 min
Delta R.T.: -0.001 min
Response: 15870823
Conc: 515.75 ng/ml



#17 AR-1242-2

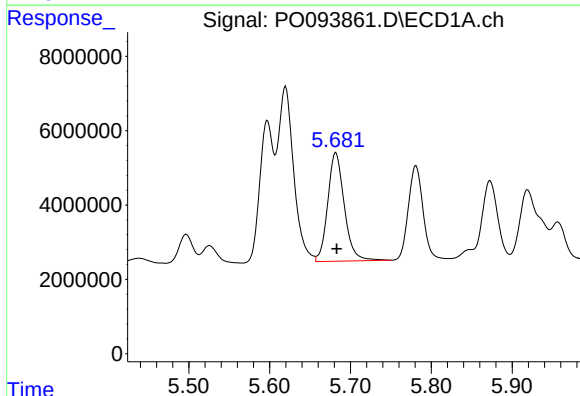
R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 64574739
Conc: 485.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



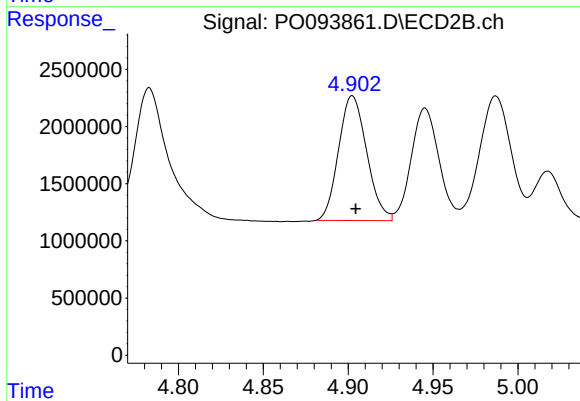
#17 AR-1242-2

R.T.: 4.727 min
Delta R.T.: -0.001 min
Response: 24033776
Conc: 522.54 ng/ml



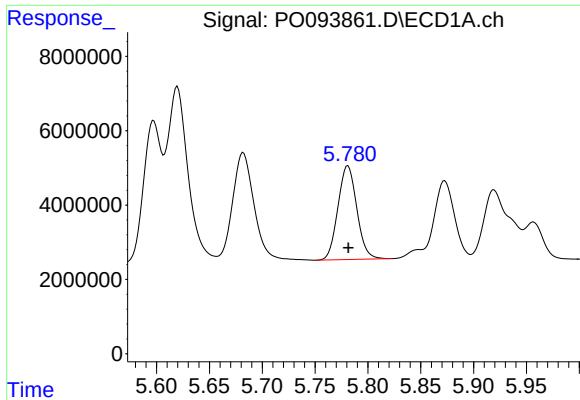
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 41689514
Conc: 491.11 ng/ml



#18 AR-1242-3

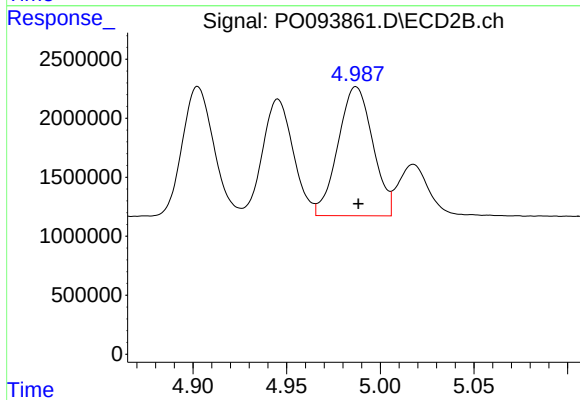
R.T.: 4.903 min
Delta R.T.: -0.002 min
Response: 12584234
Conc: 519.28 ng/ml



#19 AR-1242-4

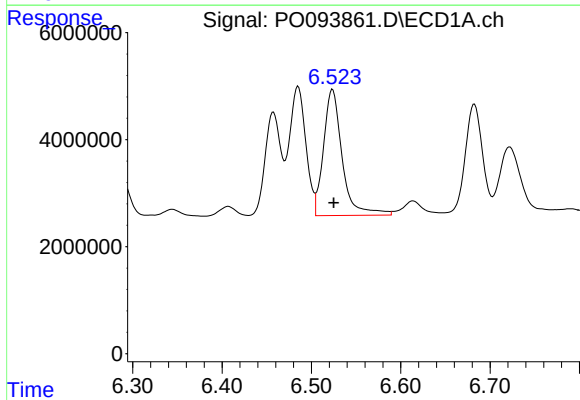
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 31412601
Conc: 502.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



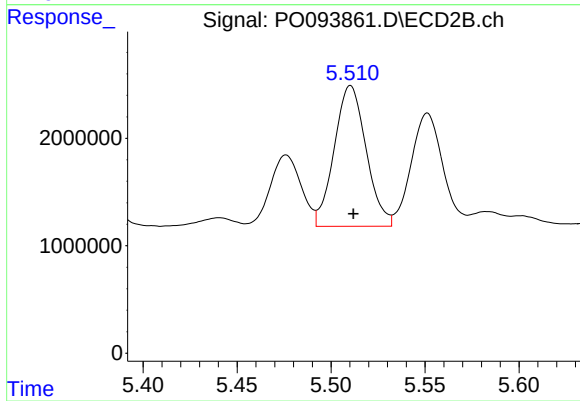
#19 AR-1242-4

R.T.: 4.987 min
Delta R.T.: -0.001 min
Response: 14130725
Conc: 503.34 ng/ml



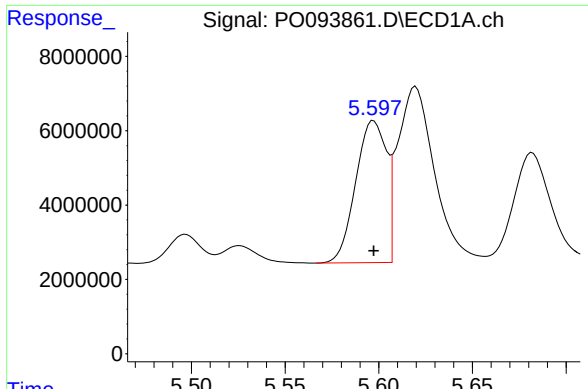
#20 AR-1242-5

R.T.: 6.524 min
Delta R.T.: -0.001 min
Response: 34265359
Conc: 508.92 ng/ml



#20 AR-1242-5

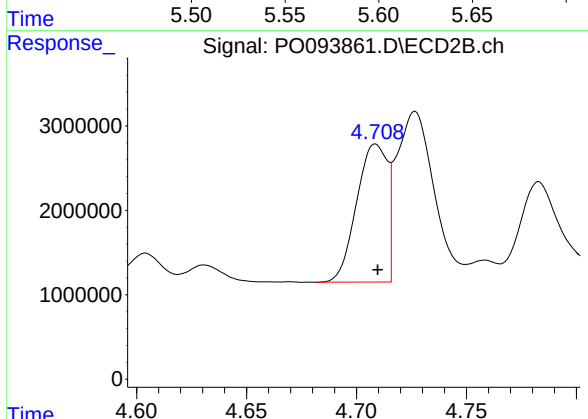
R.T.: 5.510 min
Delta R.T.: -0.001 min
Response: 15490986
Conc: 543.34 ng/ml



#21 AR-1248-1

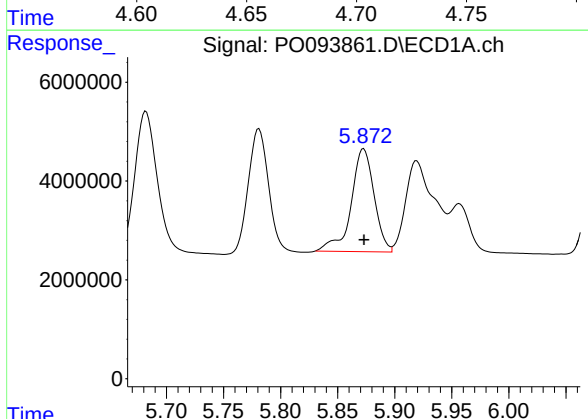
R.T.: 5.597 min
Delta R.T.: 0.000 min
Response: 43469371
Conc: 646.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



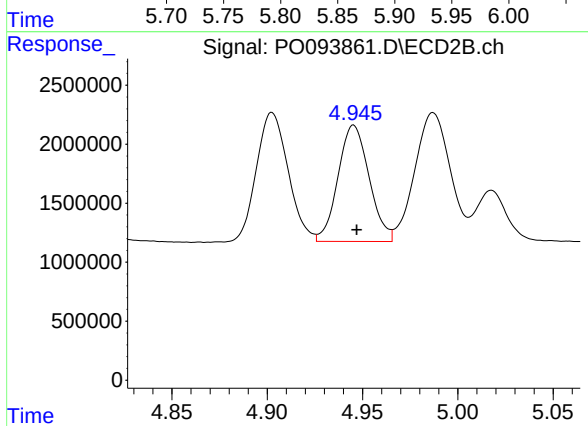
#21 AR-1248-1

R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 15870823
Conc: 665.40 ng/ml



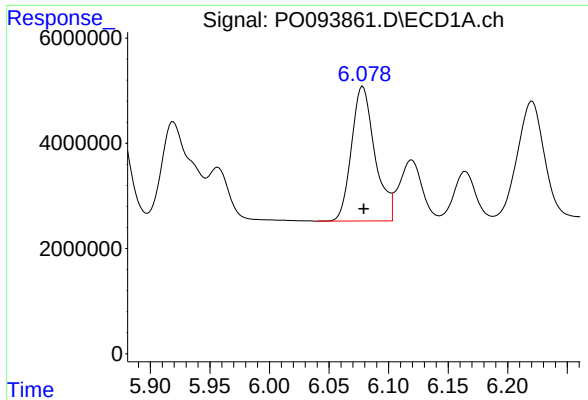
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 29194612
Conc: 266.89 ng/ml



#22 AR-1248-2

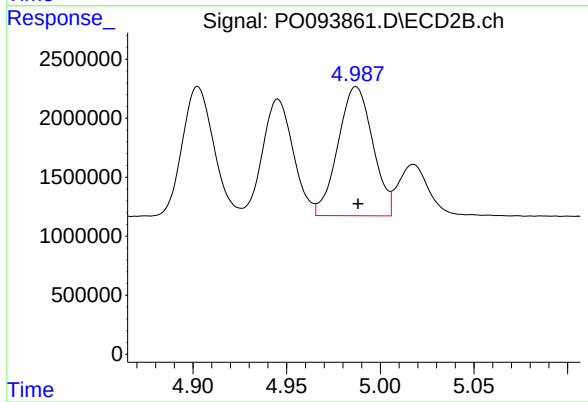
R.T.: 4.945 min
Delta R.T.: -0.002 min
Response: 11205671
Conc: 281.32 ng/ml



#23 AR-1248-3

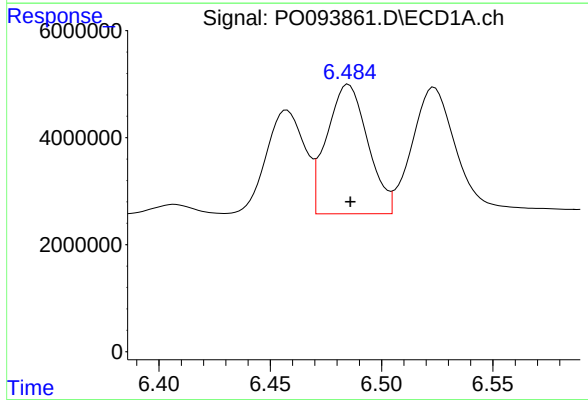
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 34902401
Conc: 289.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



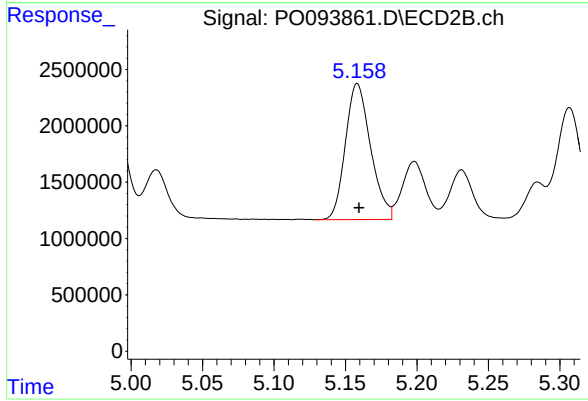
#23 AR-1248-3

R.T.: 4.987 min
Delta R.T.: -0.001 min
Response: 14130725
Conc: 338.55 ng/ml



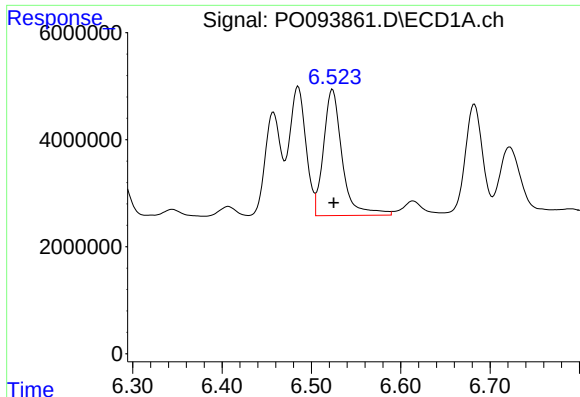
#24 AR-1248-4

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 30940078
Conc: 288.09 ng/ml



#24 AR-1248-4

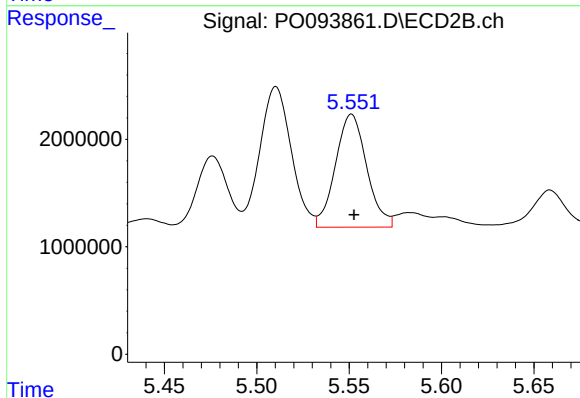
R.T.: 5.158 min
Delta R.T.: -0.001 min
Response: 14813208
Conc: 315.01 ng/ml



#25 AR-1248-5

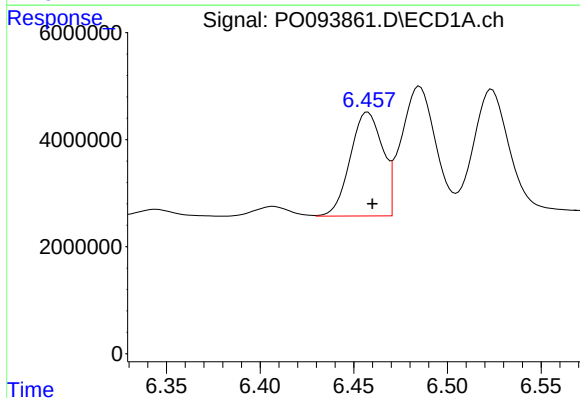
R.T.: 6.524 min
Delta R.T.: -0.001 min
Response: 34265359
Conc: 295.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



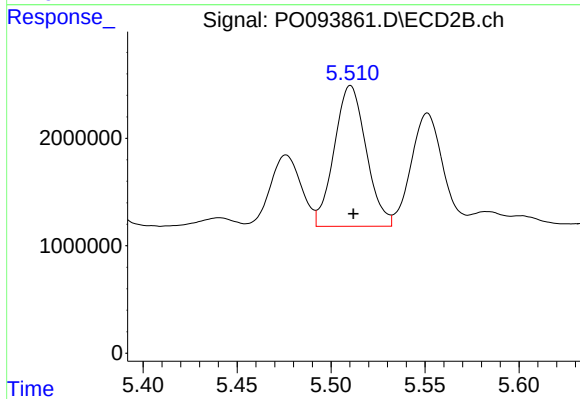
#25 AR-1248-5

R.T.: 5.551 min
Delta R.T.: -0.001 min
Response: 12392000
Conc: 331.92 ng/ml



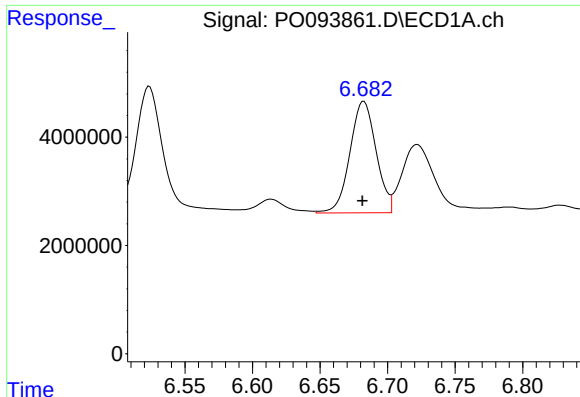
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: -0.002 min
Response: 23343970
Conc: 172.12 ng/ml



#26 AR-1254-1

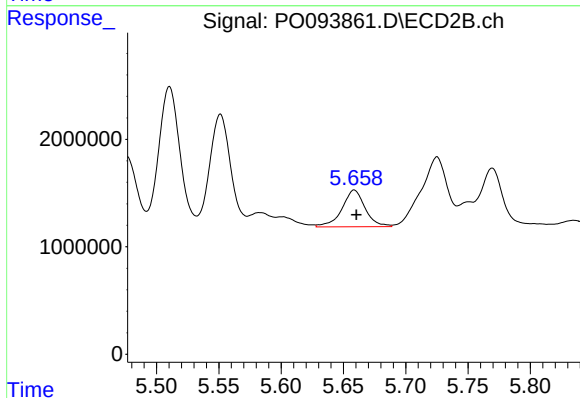
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 15490986
Conc: 226.63 ng/ml



#27 AR-1254-2

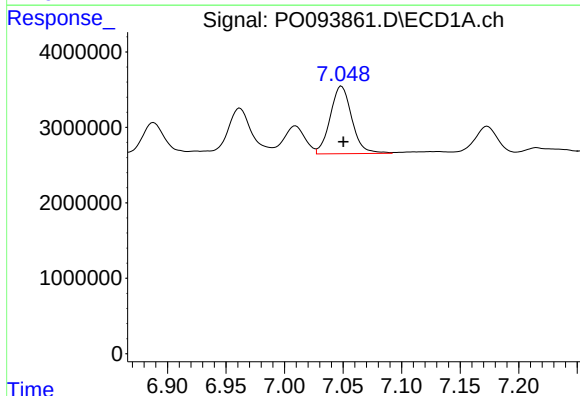
R.T.: 6.682 min
Delta R.T.: 0.001 min
Response: 27786049
Conc: 142.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



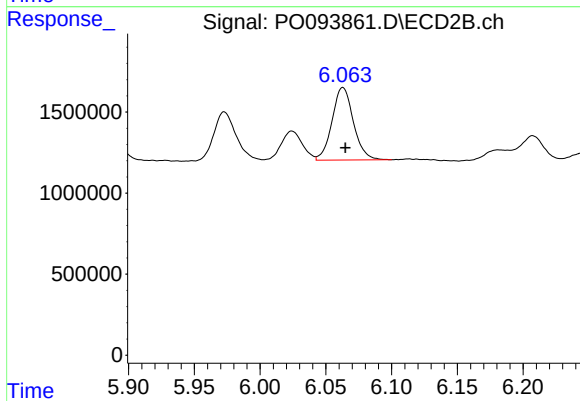
#27 AR-1254-2

R.T.: 5.659 min
Delta R.T.: -0.002 min
Response: 4433871
Conc: 72.80 ng/ml



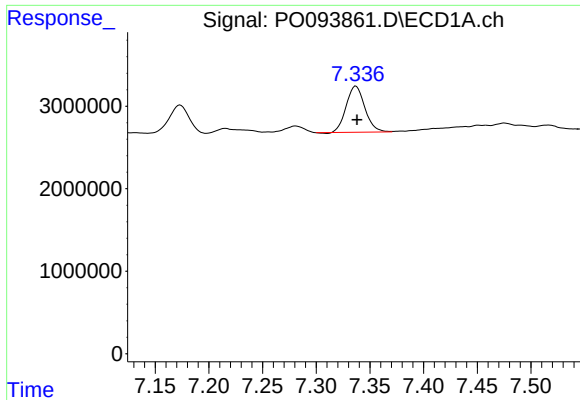
#28 AR-1254-3

R.T.: 7.049 min
Delta R.T.: -0.002 min
Response: 11481615
Conc: 62.15 ng/ml



#28 AR-1254-3

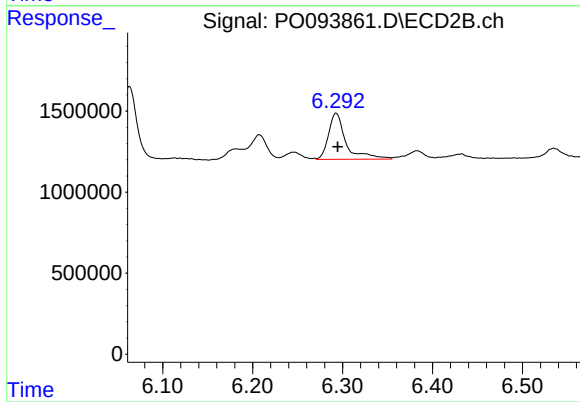
R.T.: 6.063 min
Delta R.T.: -0.002 min
Response: 5071854
Conc: 55.68 ng/ml



#29 AR-1254-4

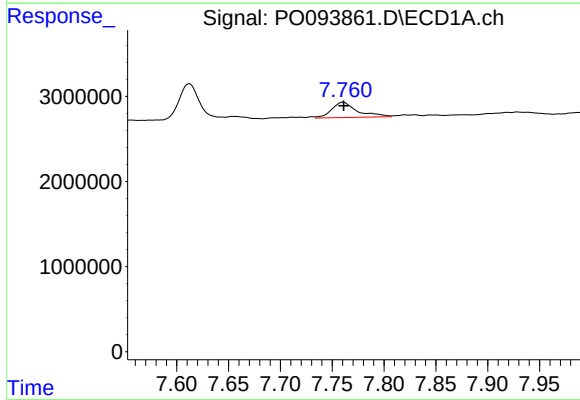
R.T.: 7.337 min
Delta R.T.: -0.001 min
Response: 6753133
Conc: 66.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



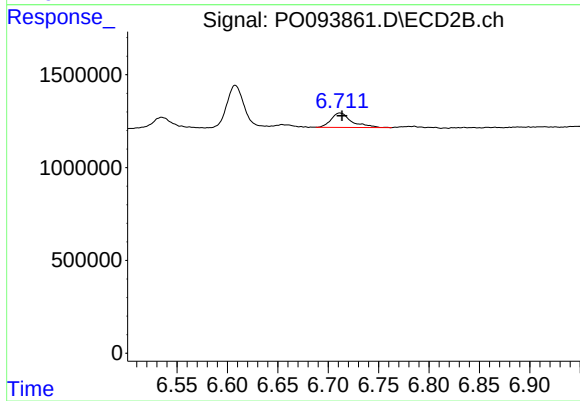
#29 AR-1254-4

R.T.: 6.293 min
Delta R.T.: -0.002 min
Response: 3846130
Conc: 90.29 ng/ml



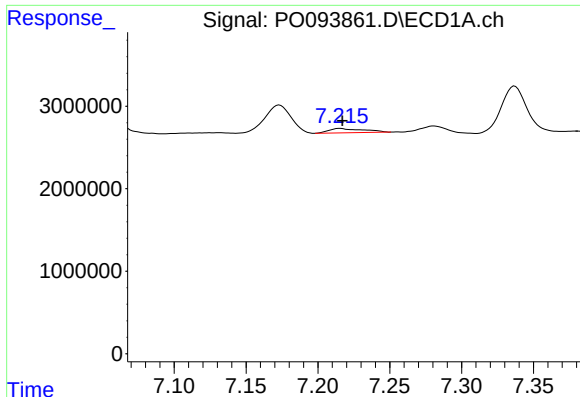
#30 AR-1254-5

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 3104632
Conc: 22.89 ng/ml



#30 AR-1254-5

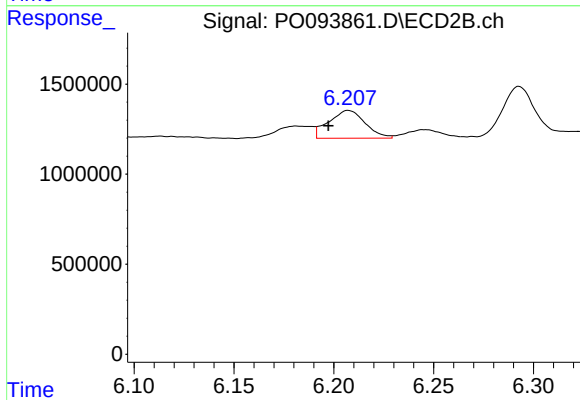
R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 1121656
Conc: 15.55 ng/ml



#31 AR-1260-1

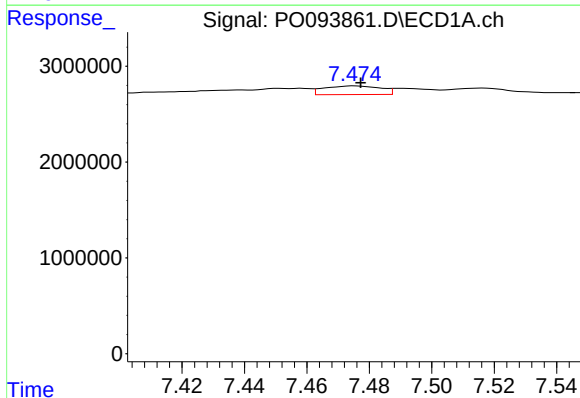
R.T.: 7.215 min
Delta R.T.: -0.002 min
Response: 877093
Conc: 6.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



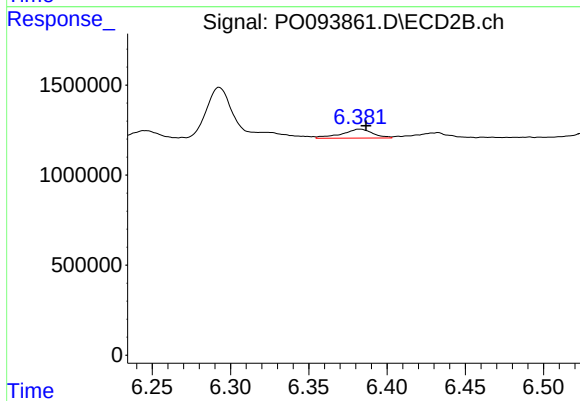
#31 AR-1260-1

R.T.: 6.207 min
Delta R.T.: 0.010 min
Response: 1966845
Conc: 30.16 ng/ml



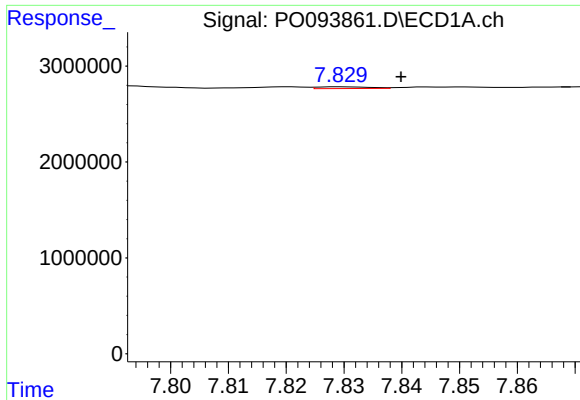
#32 AR-1260-2

R.T.: 7.475 min
Delta R.T.: -0.002 min
Response: 1145931
Conc: 7.16 ng/ml



#32 AR-1260-2

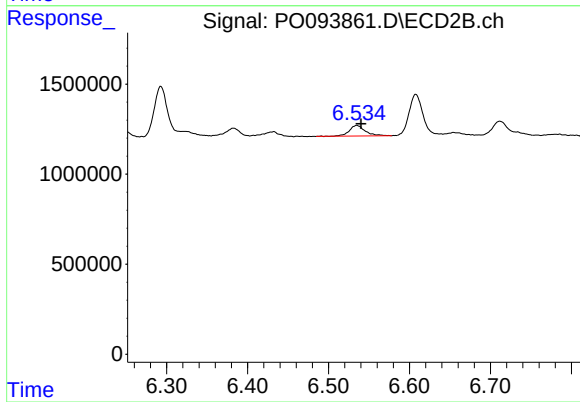
R.T.: 6.383 min
Delta R.T.: -0.004 min
Response: 694270
Conc: 9.56 ng/ml



#33 AR-1260-3

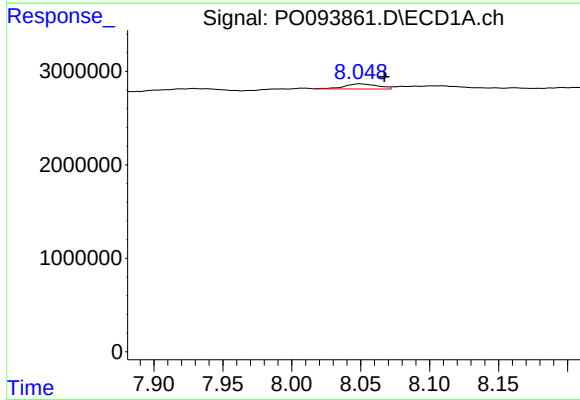
R.T.: 7.830 min
Delta R.T.: -0.010 min
Response: 117665
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



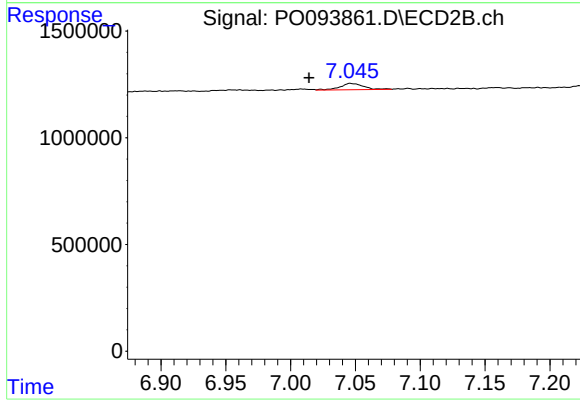
#33 AR-1260-3

R.T.: 6.535 min
Delta R.T.: -0.005 min
Response: 810423
Conc: 11.17 ng/ml



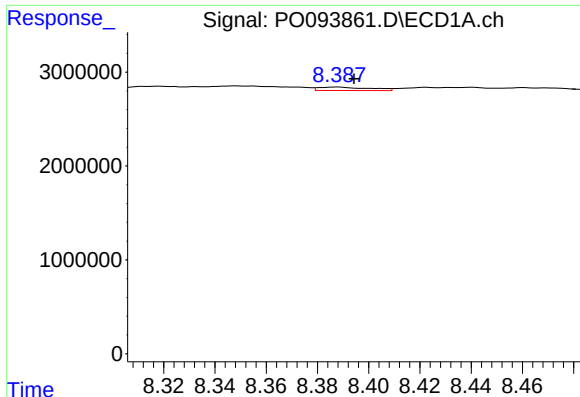
#34 AR-1260-4

R.T.: 8.049 min
Delta R.T.: -0.018 min
Response: 903031
Conc: 6.56 ng/ml



#34 AR-1260-4

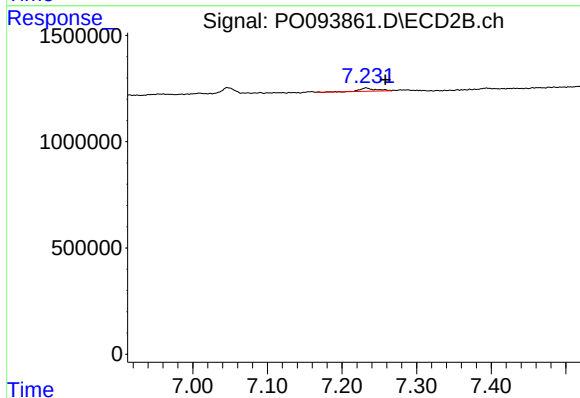
R.T.: 7.046 min
Delta R.T.: 0.032 min
Response: 370086
Conc: 6.66 ng/ml



#35 AR-1260-5

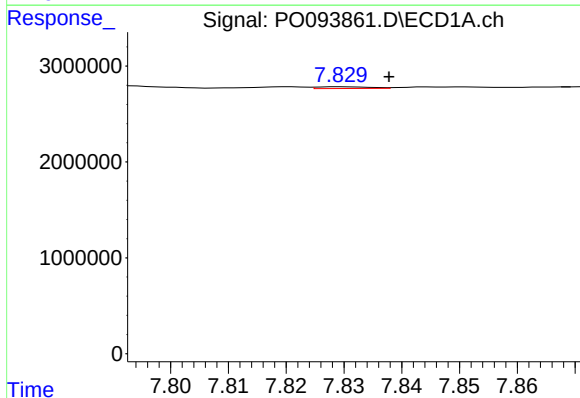
R.T.: 8.388 min
Delta R.T.: -0.006 min
Response: 509642
Conc: 2.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



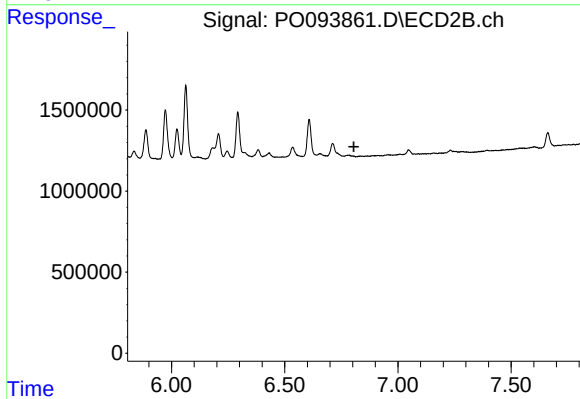
#35 AR-1260-5

R.T.: 7.232 min
Delta R.T.: -0.026 min
Response: 227482
Conc: 2.19 ng/ml



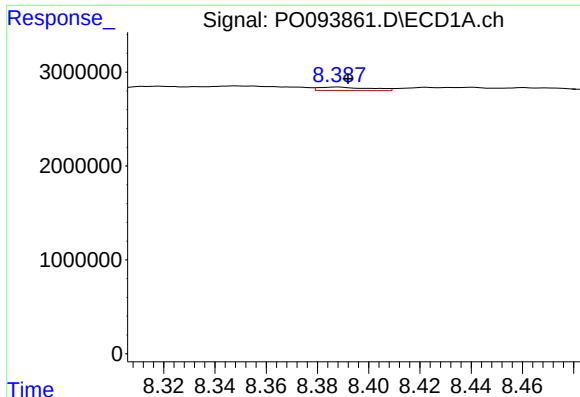
#36 AR-1262-1

R.T.: 7.830 min
Delta R.T.: -0.008 min
Response: 117665
Conc: 0.69 ng/ml



#36 AR-1262-1

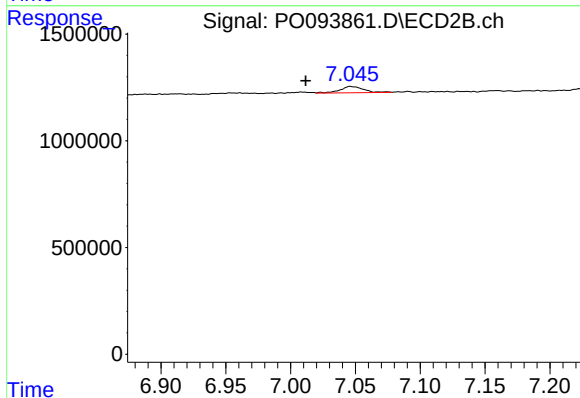
R.T.: 0.000 min
Exp R.T. : 6.805 min
Response: 0
Conc: N.D.



#37 AR-1262-2

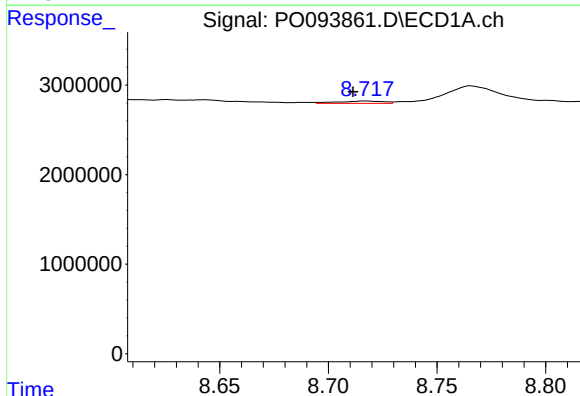
R.T.: 8.388 min
Delta R.T.: -0.004 min
Response: 509642
Conc: 2.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



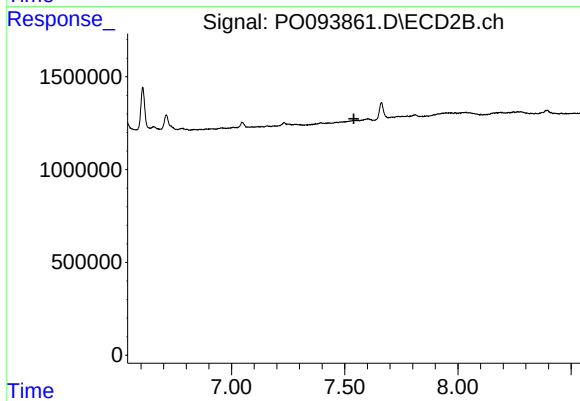
#37 AR-1262-2

R.T.: 7.046 min
Delta R.T.: 0.035 min
Response: 370086
Conc: 5.24 ng/ml



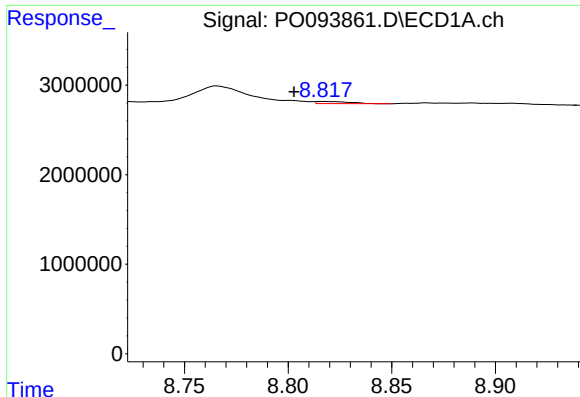
#38 AR-1262-3

R.T.: 8.717 min
Delta R.T.: 0.006 min
Response: 378704
Conc: 2.31 ng/ml



#38 AR-1262-3

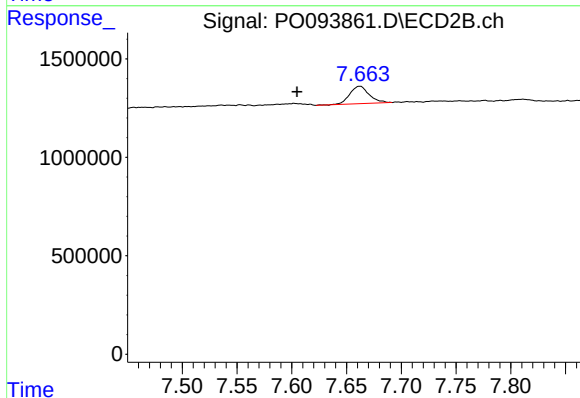
R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#39 AR-1262-4

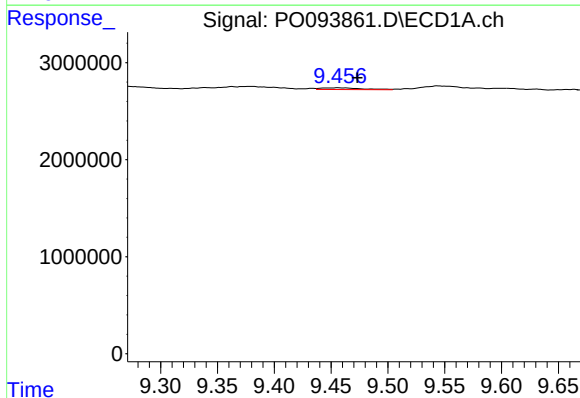
R.T.: 8.817 min
Delta R.T.: 0.014 min
Response: 268462
Conc: 2.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



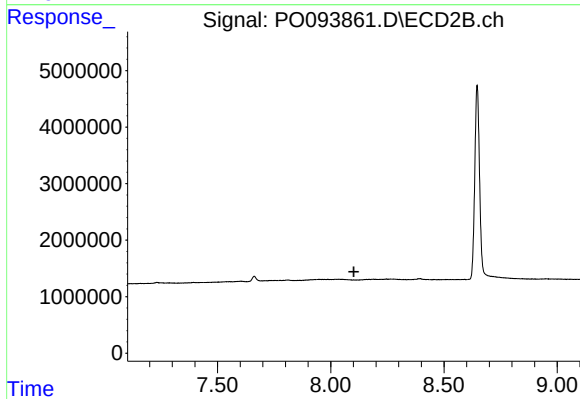
#39 AR-1262-4

R.T.: 7.662 min
Delta R.T.: 0.057 min
Response: 1095410
Conc: 13.21 ng/ml



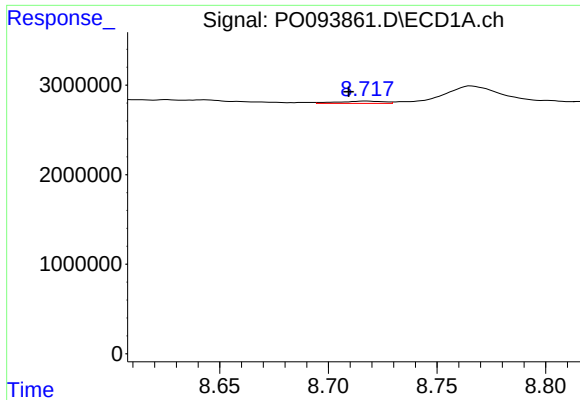
#40 AR-1262-5

R.T.: 9.456 min
Delta R.T.: -0.017 min
Response: 422180
Conc: 5.25 ng/ml



#40 AR-1262-5

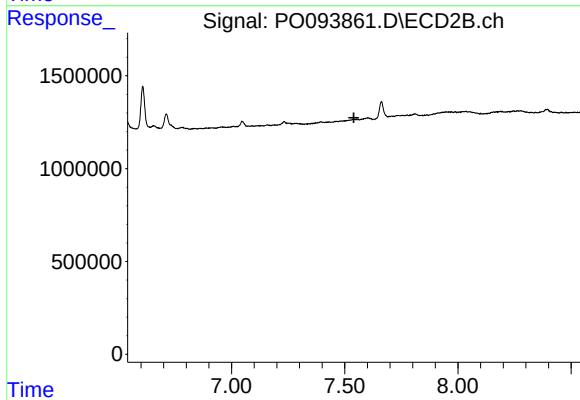
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

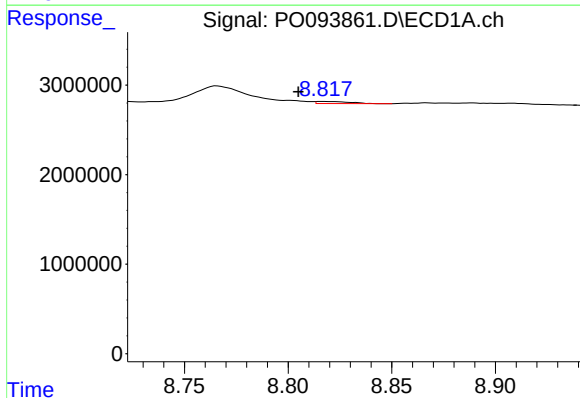
R.T.: 8.717 min
Delta R.T.: 0.008 min
Response: 378704
Conc: 1.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



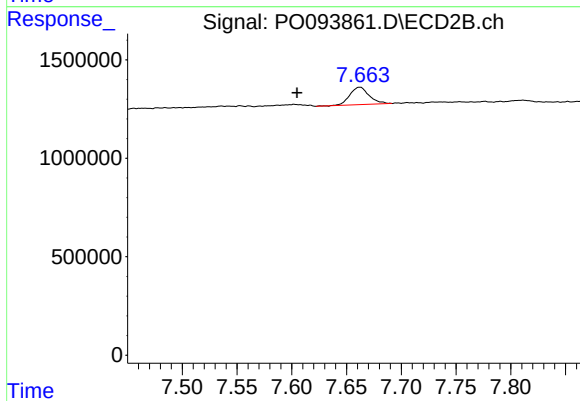
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.540 min
Response: 0
Conc: N.D.



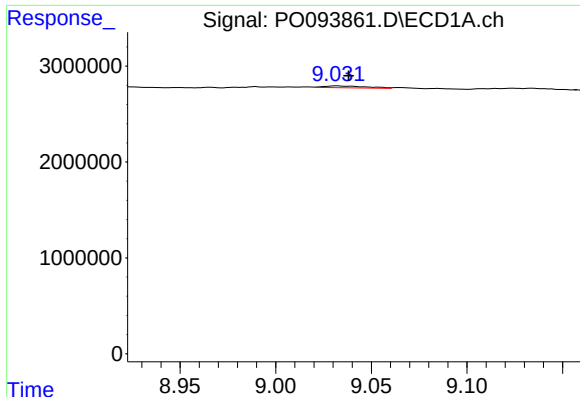
#42 AR-1268-2

R.T.: 8.817 min
Delta R.T.: 0.012 min
Response: 268462
Conc: 0.83 ng/ml



#42 AR-1268-2

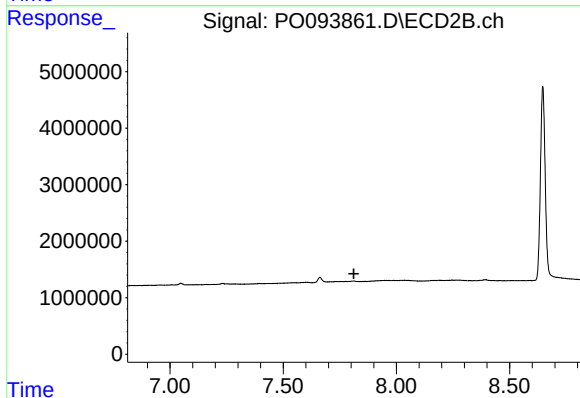
R.T.: 7.662 min
Delta R.T.: 0.057 min
Response: 1095410
Conc: 8.06 ng/ml



#43 AR-1268-3

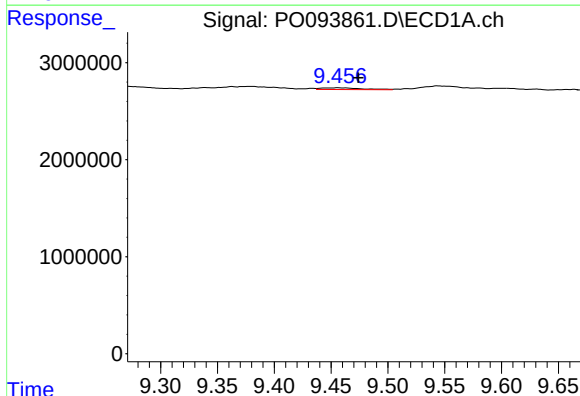
R.T.: 9.032 min
Delta R.T.: -0.006 min
Response: 302831
Conc: 1.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



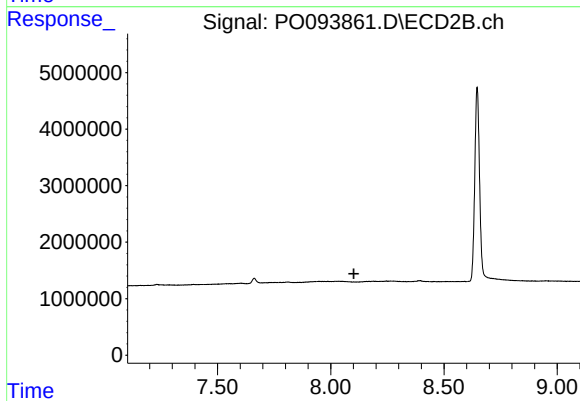
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



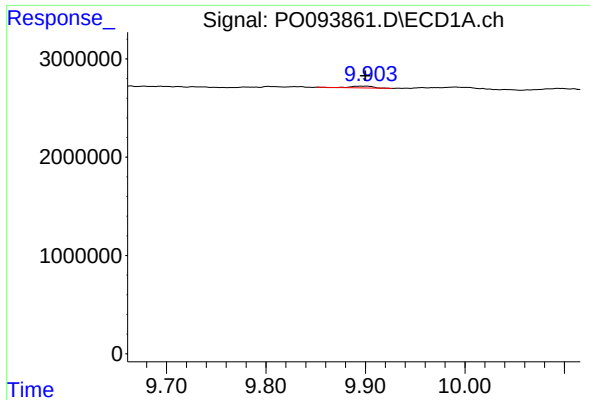
#44 AR-1268-4

R.T.: 9.456 min
Delta R.T.: -0.018 min
Response: 422180
Conc: 4.37 ng/ml



#44 AR-1268-4

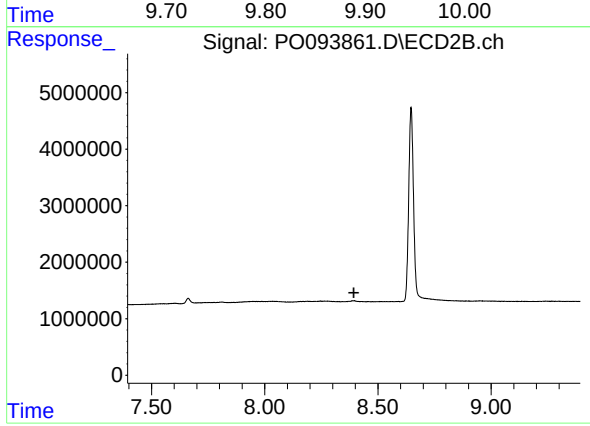
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.901 min
Delta R.T.: 0.000 min
Response: 294135
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.394 min
Response: 0
Conc: N.D.