

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090723\
 Data File : P0097792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2023 18:24
 Operator : YP/AJ
 Sample : PB155366BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 01:57:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 07 02:56:18 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...	4.443	3.624	83180644	18876894	20.878	19.711
2) SA Decachlor...	10.295	8.662	39450552	18374904	21.114	21.507
Target Compounds						
3) L1 AR-1016-1	5.621	4.714	49807602	14950011	461.267	464.805
4) L1 AR-1016-2	5.644	4.733	75211920	21199589	464.764	466.688
5) L1 AR-1016-3	5.707	4.910	46687631	11469443	468.877	471.085
6) L1 AR-1016-4	5.805	4.952	36342481	10014525	460.878	476.678
7) L1 AR-1016-5	6.103	5.166	37667762	12587117	458.834	452.897
8) L2 AR-1221-1	4.649	3.839	6289930	1486862	132.021	123.136
9) L2 AR-1221-2	4.740	3.925	7929437	1831495	223.165	214.709
10) L2 AR-1221-3	4.817	4.001	31528799	8032542	304.328	299.759
11) L3 AR-1232-1	4.817	4.001	31528799	8032542	367.185	364.162
12) L3 AR-1232-2	5.351	4.733	43016337	21199589	984.423	1033.312
13) L3 AR-1232-3	5.644	4.910	75211920	11469443	1037.754	1054.841
14) L3 AR-1232-4	5.805	4.994	36342481	12220066	1053.887	1125.531
15) L3 AR-1232-5	5.897	5.166	35571608	12587117	1138.690	1038.246
16) L4 AR-1242-1	5.621	4.714	49807602	14950011	534.749	532.728
17) L4 AR-1242-2	5.644	4.733	75211920	21199589	536.084	534.148
18) L4 AR-1242-3	5.707	4.910	46687631	11469443	539.456	542.753
19) L4 AR-1242-4	5.805	4.994	36342481	12220066	535.860	533.195
20) L4 AR-1242-5	6.550	5.521	5382422	10066280	76.490	386.403 #
21) L5 AR-1248-1	5.621	4.714	49807602	14950011	734.045	727.759
22) L5 AR-1248-2	5.897	4.952	35571608	10014525	328.931	328.694
23) L5 AR-1248-3	6.103	4.994	37667762	12220066	335.609	383.711
24) L5 AR-1248-4	6.484	5.166	32488041	12587117	314.261	336.352
25) L5 AR-1248-5	6.550	5.562	5382422	1605210	48.285	48.172
26) L6 AR-1254-1	6.484	5.521	32488041	10066280	264.997	185.168 #
27) L6 AR-1254-2	6.704	5.669	29408759	9775655	163.943	203.006
28) L6 AR-1254-3	7.074	6.090	14873254	16604380	83.988	224.744 #
29) L6 AR-1254-4	7.363	6.304	8168800	1499618	75.891	37.838 #
30) L6 AR-1254-5	7.786	6.723	74523572	30419515	619.824	493.901
31) L7 AR-1260-1	7.241	6.206	62873321	24206446	444.902	454.968
32) L7 AR-1260-2	7.500	6.394	66044104	28462449	436.927	454.533
33) L7 AR-1260-3	7.864	6.549	44098770	26352215	389.293	456.992
34) L7 AR-1260-4	8.092	7.023	48682357	18819960	409.525	401.183
35) L7 AR-1260-5	8.421	7.265	80344060	40511560	392.461	408.688
36) L8 AR-1262-1	7.864	6.816	44098770	10666402	290.049	393.643 #
37) L8 AR-1262-2	8.421	7.023	80344060	18819960	368.105	322.941
38) L8 AR-1262-3	8.755	7.551	51865390	8209223	335.230	188.192 #
39) L8 AR-1262-4	8.814	7.613	31862810	28391430	379.266	373.144
40) L8 AR-1262-5	9.512	8.111	17057286	7960590	236.681	253.726
41) L9 AR-1268-1	8.755	7.551	51865390	8209223	182.750	62.357 #

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 Integrator: ChemStation

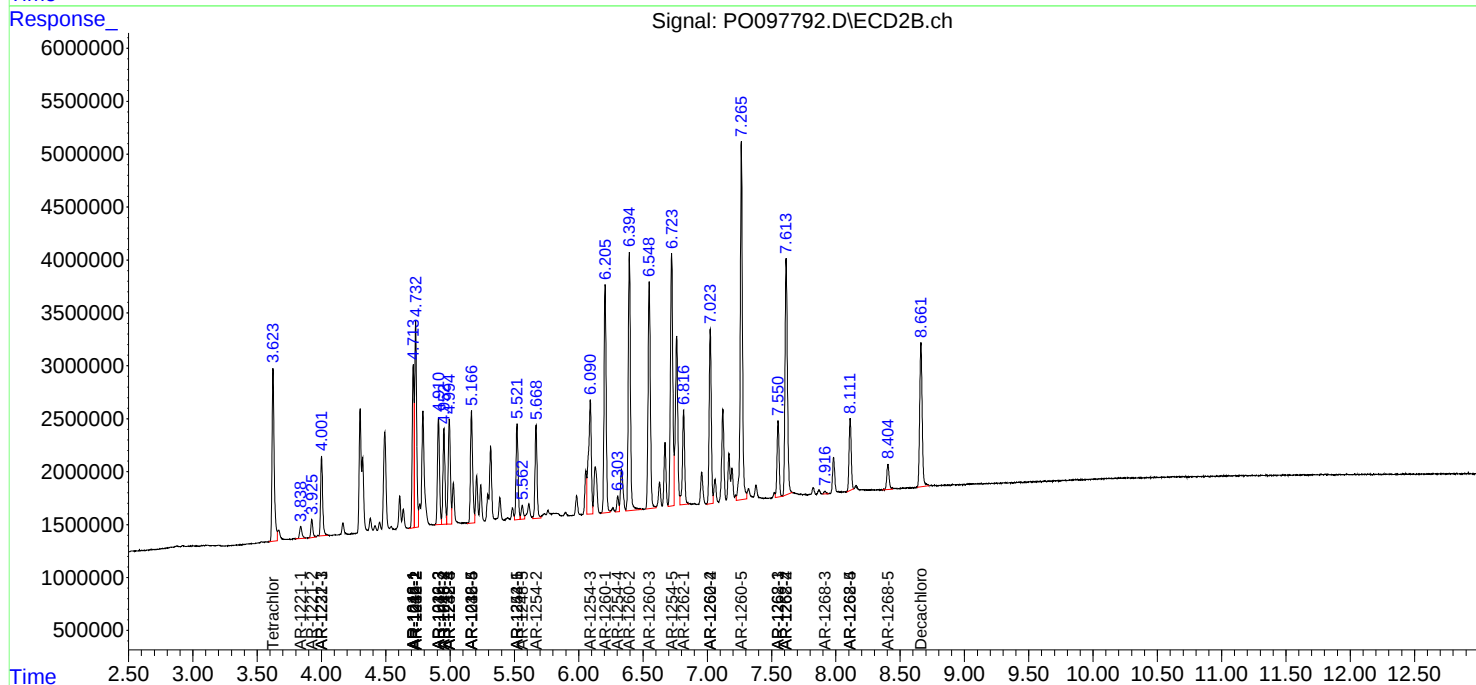
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

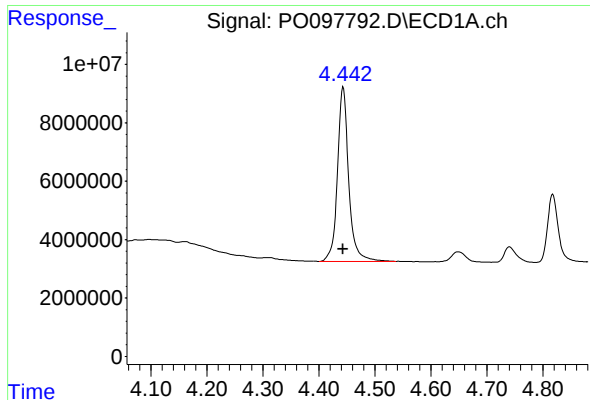
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.814	7.613	31862810	28391430	124.747	246.343 #
43) L9	AR-1268-3	9.073	7.916	1596720	323600	7.145	11.706 #
44) L9	AR-1268-4	9.512	8.111	17057286	7960590	208.728	225.991
45) L9	AR-1268-5	9.941	8.405	6198149	3100177	9.344	9.888

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

Instrument :
ECD_O
ClientSampleId :

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

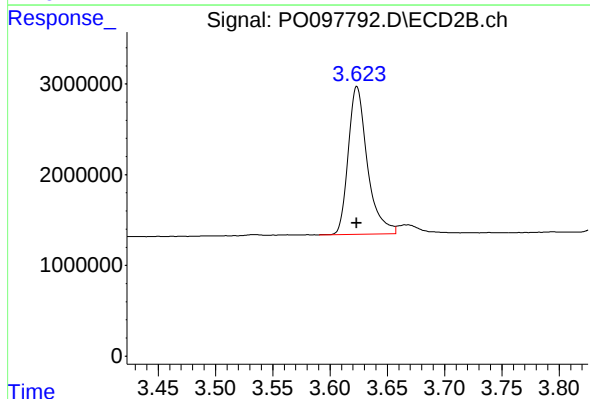




#1 Tetrachloro-m-xylene

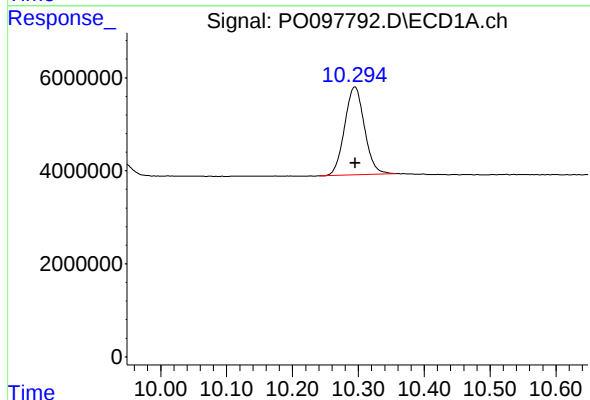
R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 83180644
Conc: 20.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



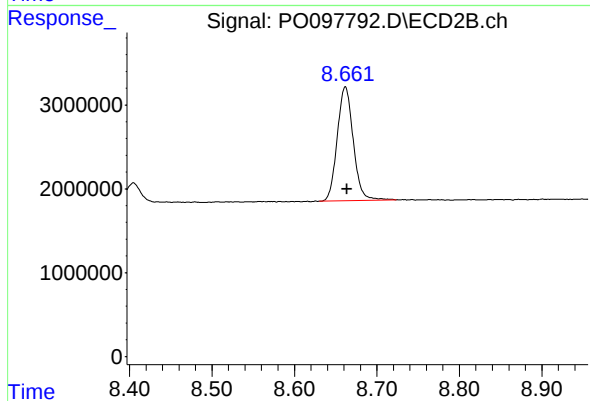
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 18876894
Conc: 19.71 ng/ml



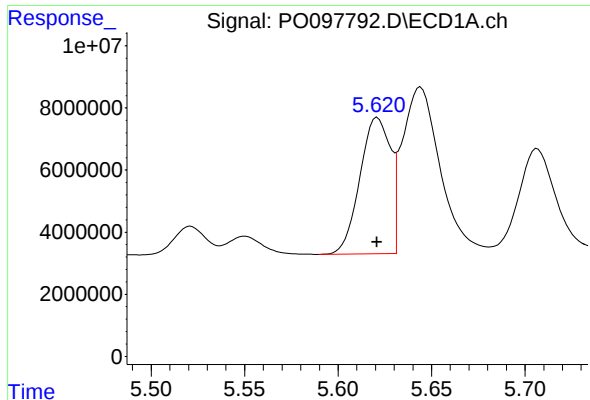
#2 Decachlorobiphenyl

R.T.: 10.295 min
Delta R.T.: 0.000 min
Response: 39450552
Conc: 21.11 ng/ml



#2 Decachlorobiphenyl

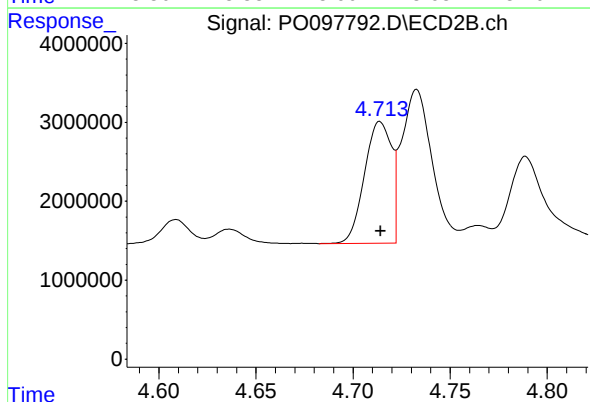
R.T.: 8.662 min
Delta R.T.: -0.002 min
Response: 18374904
Conc: 21.51 ng/ml



#3 AR-1016-1

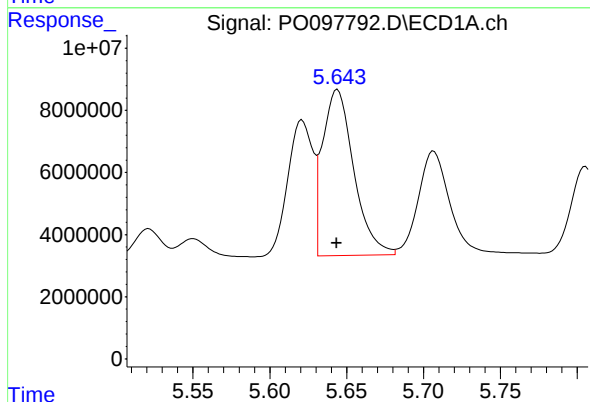
R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 49807602
Conc: 461.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



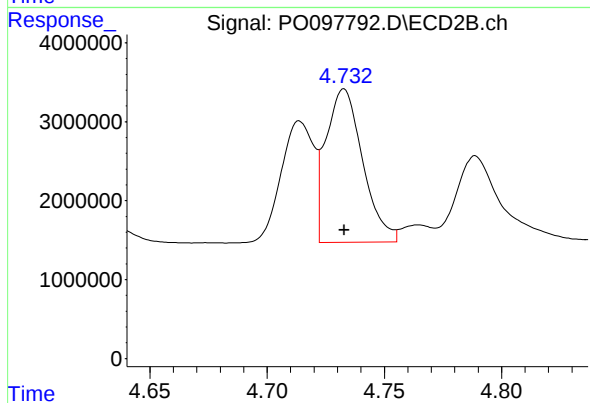
#3 AR-1016-1

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 14950011
Conc: 464.81 ng/ml



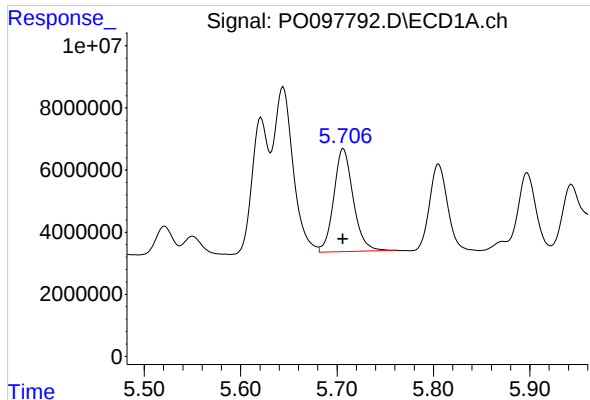
#4 AR-1016-2

R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 75211920
Conc: 464.76 ng/ml



#4 AR-1016-2

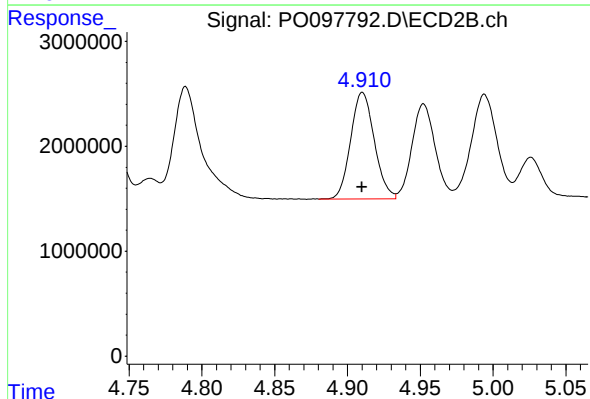
R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 21199589
Conc: 466.69 ng/ml



#5 AR-1016-3

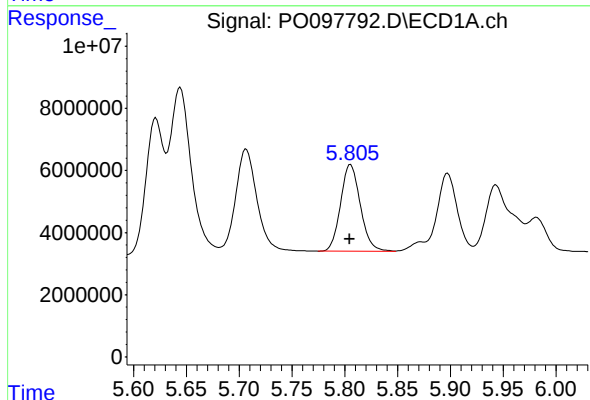
R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 46687631
Conc: 468.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



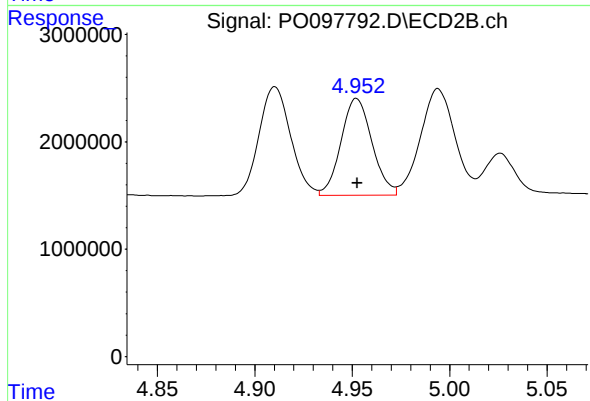
#5 AR-1016-3

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 11469443
Conc: 471.09 ng/ml



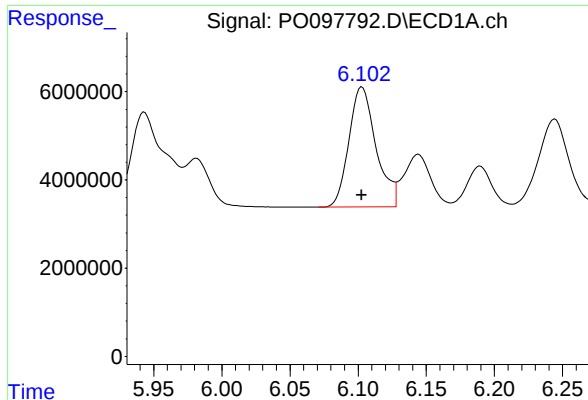
#6 AR-1016-4

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 36342481
Conc: 460.88 ng/ml



#6 AR-1016-4

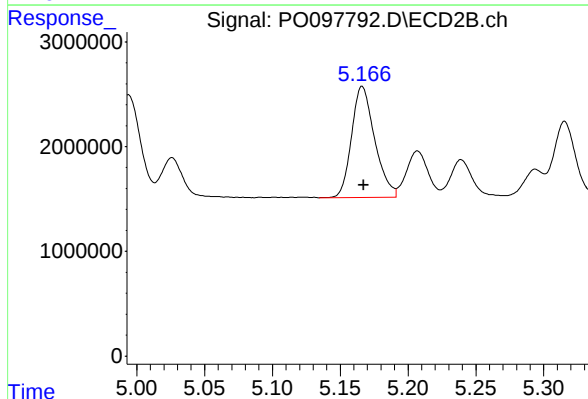
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 10014525
Conc: 476.68 ng/ml



#7 AR-1016-5

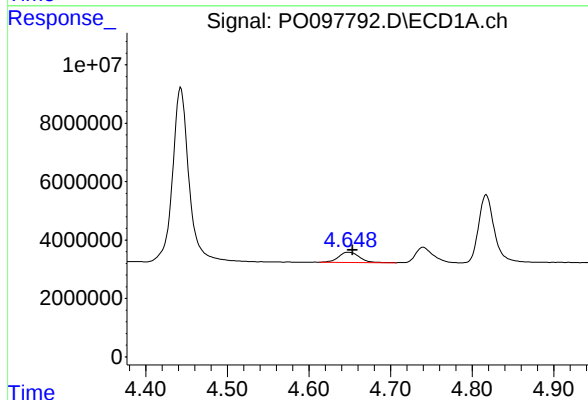
R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 37667762
Conc: 458.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



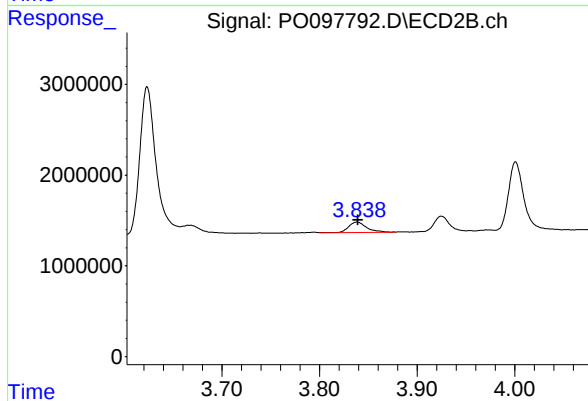
#7 AR-1016-5

R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 12587117
Conc: 452.90 ng/ml



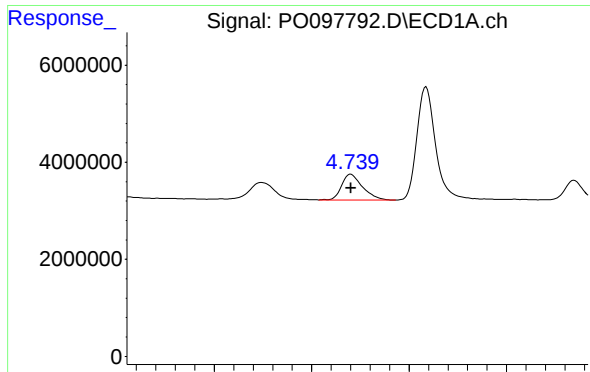
#8 AR-1221-1

R.T.: 4.649 min
Delta R.T.: -0.005 min
Response: 6289930
Conc: 132.02 ng/ml



#8 AR-1221-1

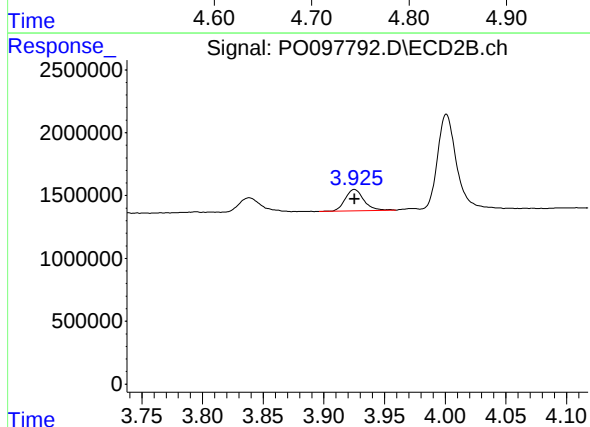
R.T.: 3.839 min
Delta R.T.: -0.001 min
Response: 1486862
Conc: 123.14 ng/ml



#9 AR-1221-2

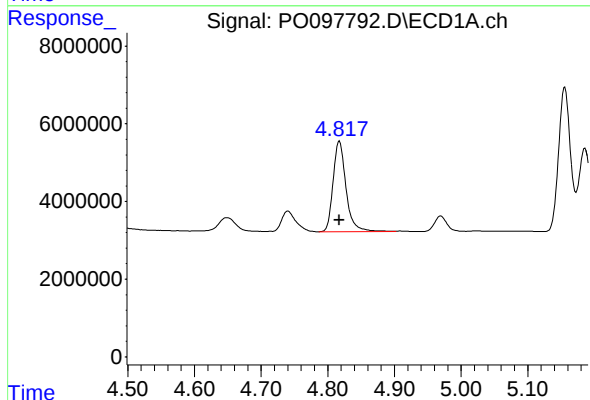
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 7929437
Conc: 223.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



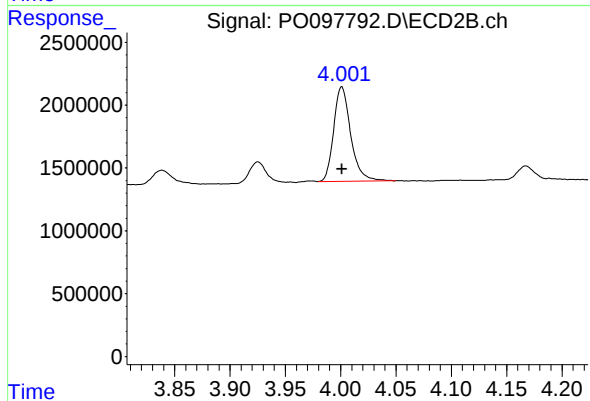
#9 AR-1221-2

R.T.: 3.925 min
Delta R.T.: 0.000 min
Response: 1831495
Conc: 214.71 ng/ml



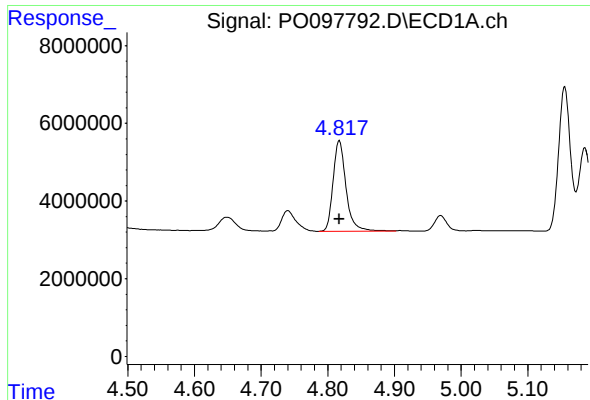
#10 AR-1221-3

R.T.: 4.817 min
Delta R.T.: 0.000 min
Response: 31528799
Conc: 304.33 ng/ml



#10 AR-1221-3

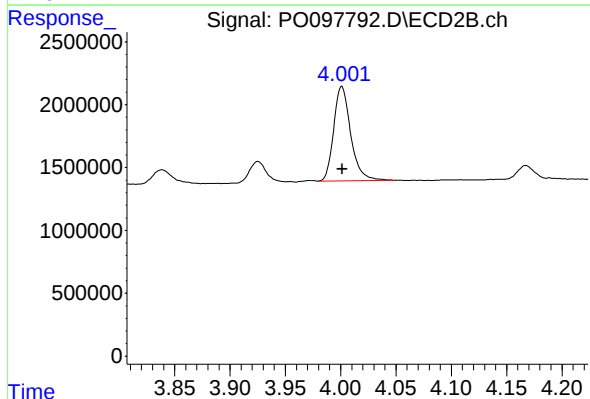
R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 8032542
Conc: 299.76 ng/ml



#11 AR-1232-1

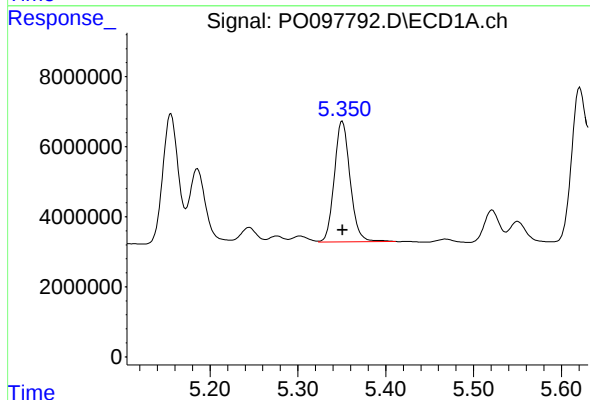
R.T.: 4.817 min
Delta R.T.: 0.000 min
Response: 31528799
Conc: 367.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



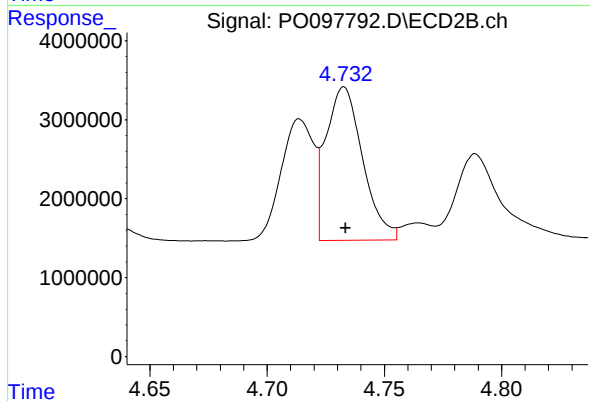
#11 AR-1232-1

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 8032542
Conc: 364.16 ng/ml



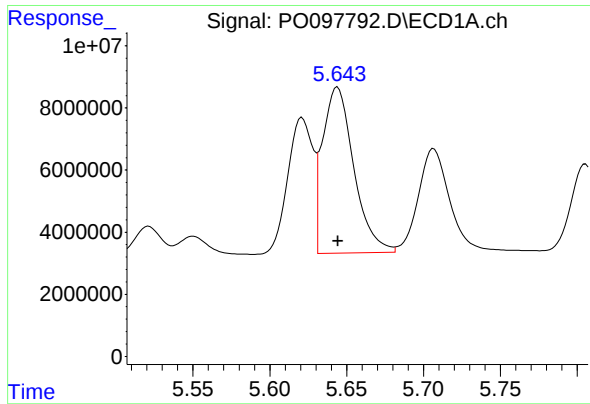
#12 AR-1232-2

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 43016337
Conc: 984.42 ng/ml



#12 AR-1232-2

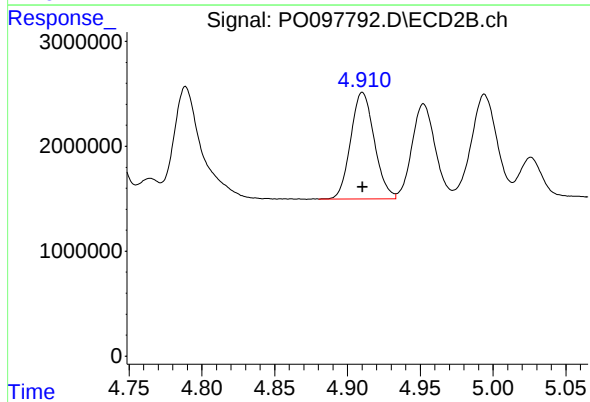
R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 21199589
Conc: 1033.31 ng/ml



#13 AR-1232-3

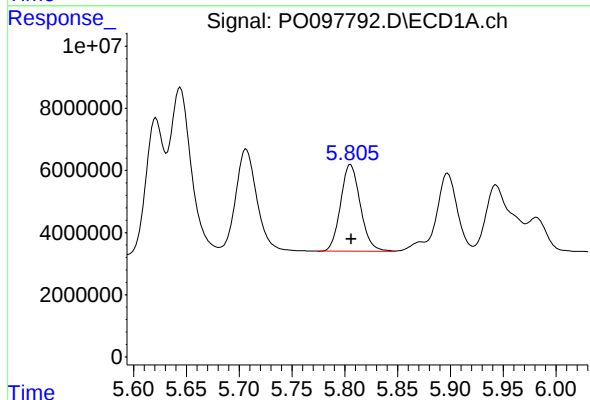
R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 75211920
Conc: 1037.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



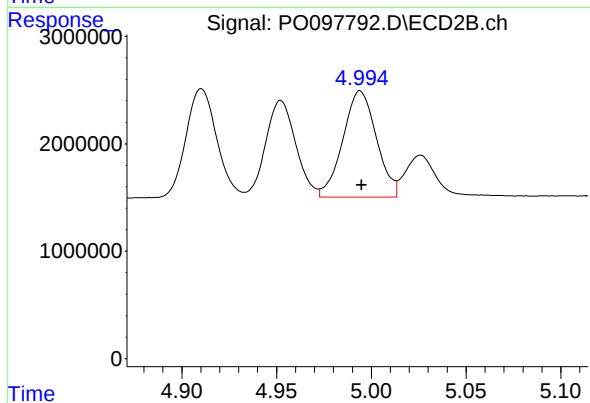
#13 AR-1232-3

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 11469443
Conc: 1054.84 ng/ml



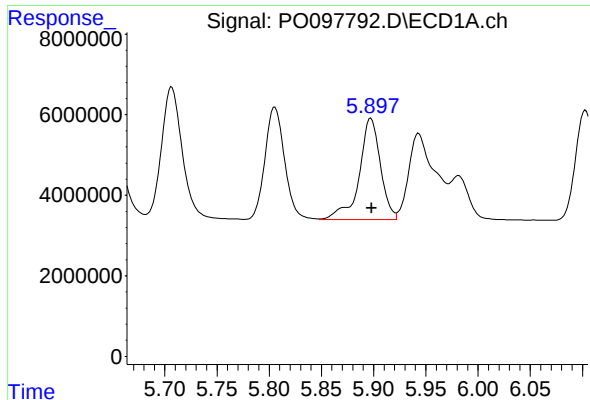
#14 AR-1232-4

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 36342481
Conc: 1053.89 ng/ml



#14 AR-1232-4

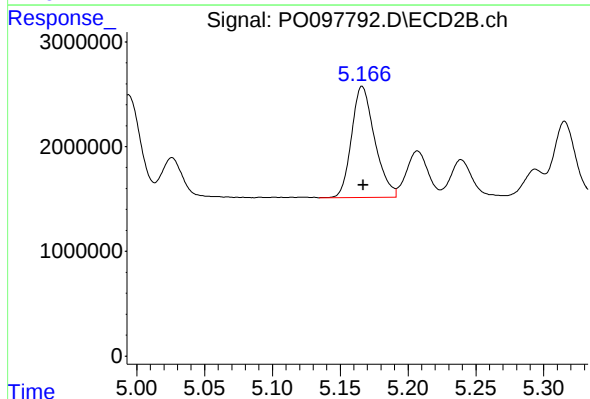
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 12220066
Conc: 1125.53 ng/ml



#15 AR-1232-5

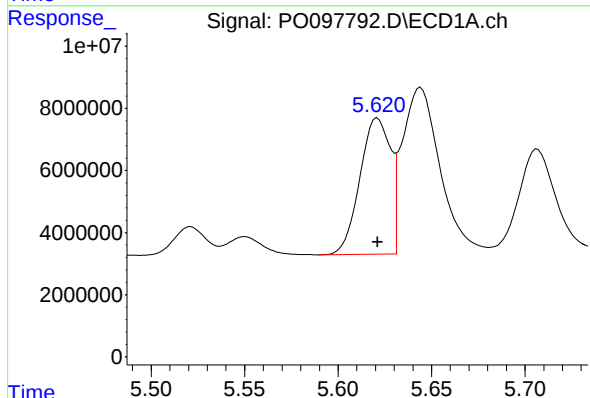
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 35571608
Conc: 1138.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



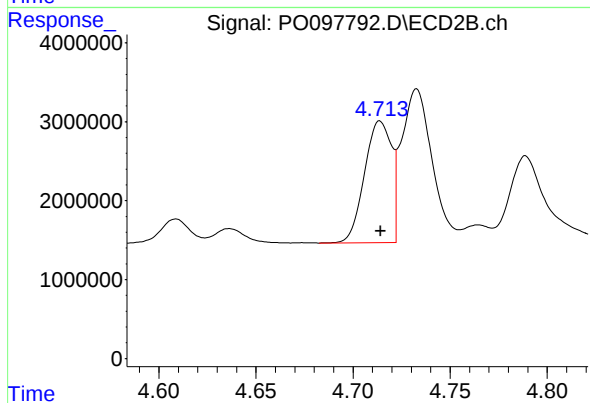
#15 AR-1232-5

R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 12587117
Conc: 1038.25 ng/ml



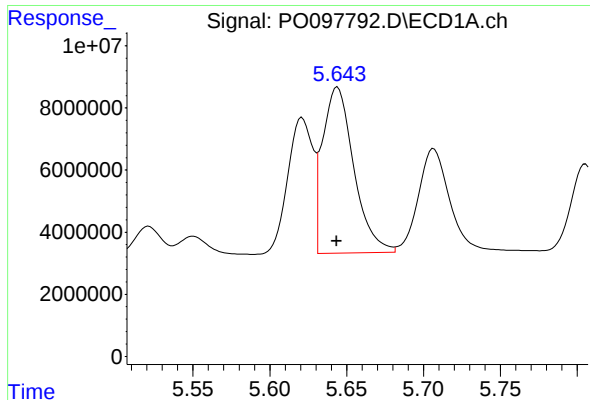
#16 AR-1242-1

R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 49807602
Conc: 534.75 ng/ml



#16 AR-1242-1

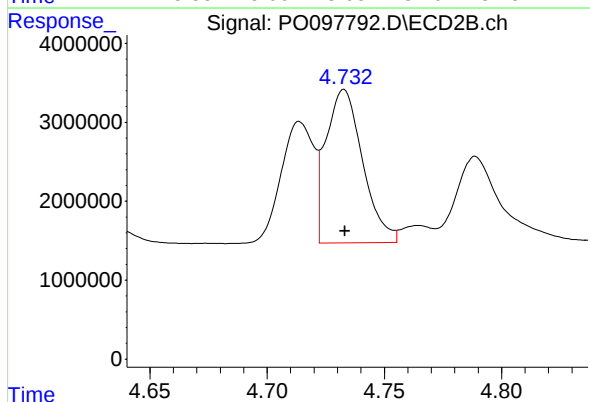
R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 14950011
Conc: 532.73 ng/ml



#17 AR-1242-2

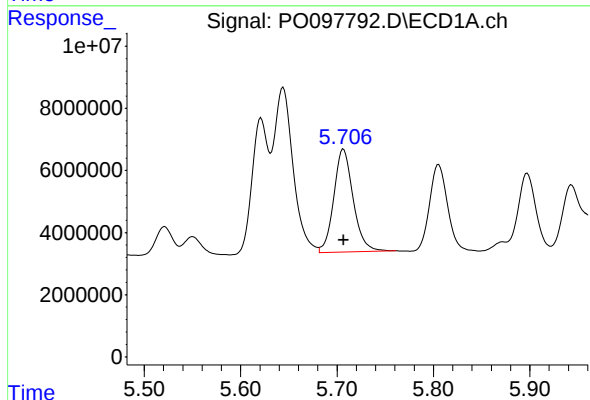
R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 75211920
Conc: 536.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



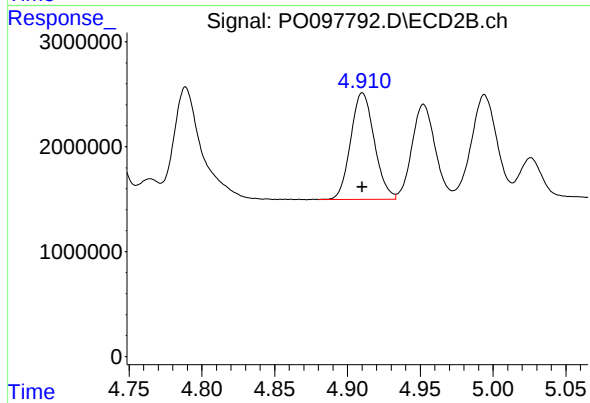
#17 AR-1242-2

R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 21199589
Conc: 534.15 ng/ml



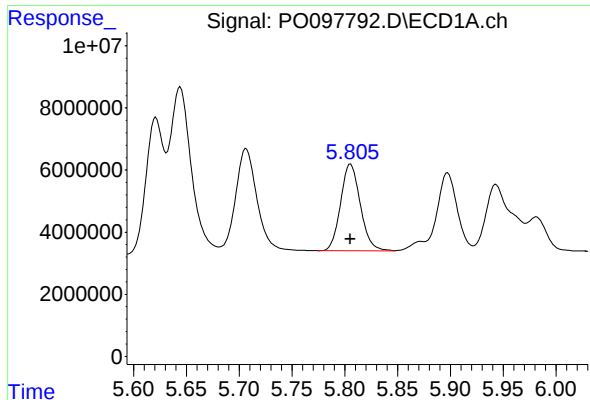
#18 AR-1242-3

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 46687631
Conc: 539.46 ng/ml



#18 AR-1242-3

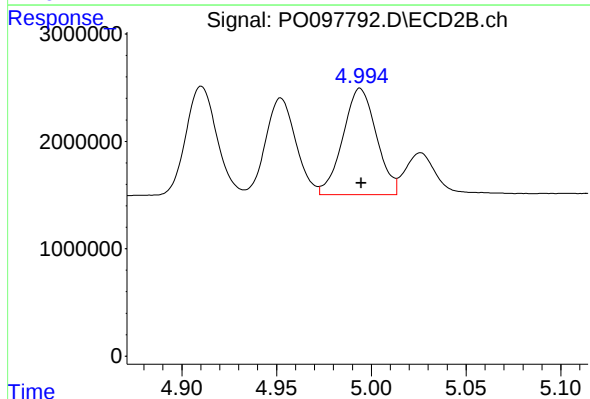
R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 11469443
Conc: 542.75 ng/ml



#19 AR-1242-4

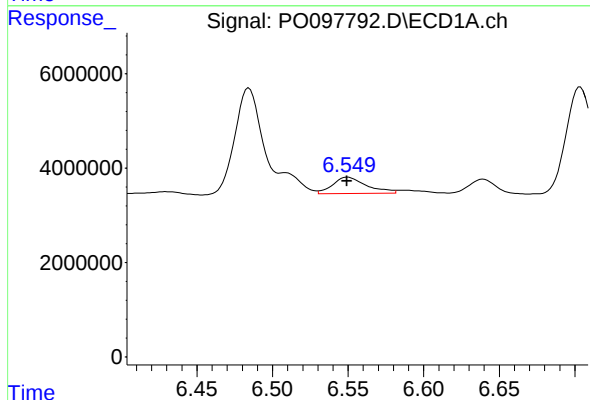
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 36342481
Conc: 535.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



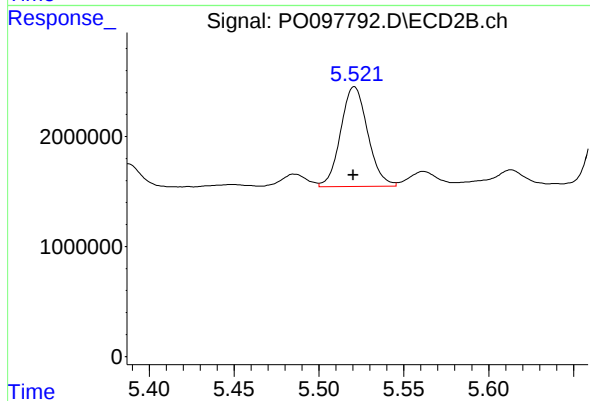
#19 AR-1242-4

R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 12220066
Conc: 533.20 ng/ml



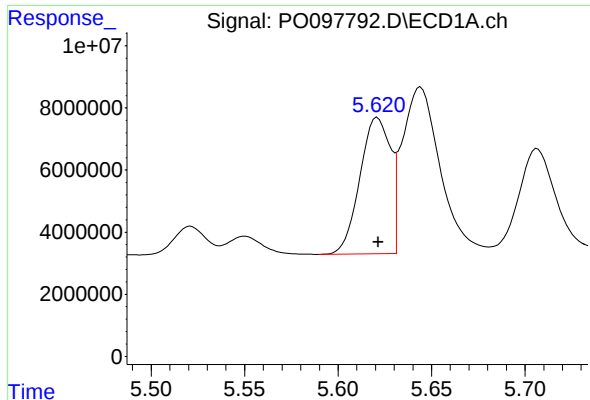
#20 AR-1242-5

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 5382422
Conc: 76.49 ng/ml



#20 AR-1242-5

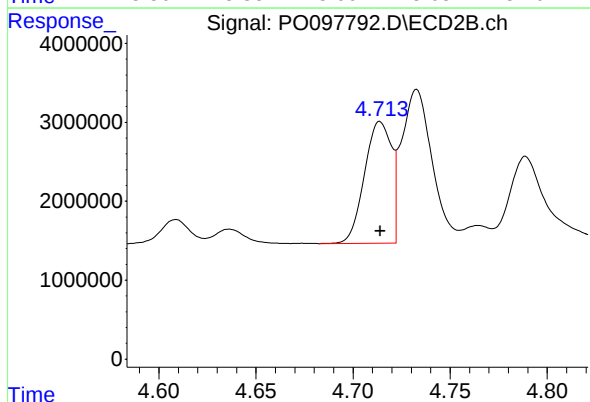
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 10066280
Conc: 386.40 ng/ml



#21 AR-1248-1

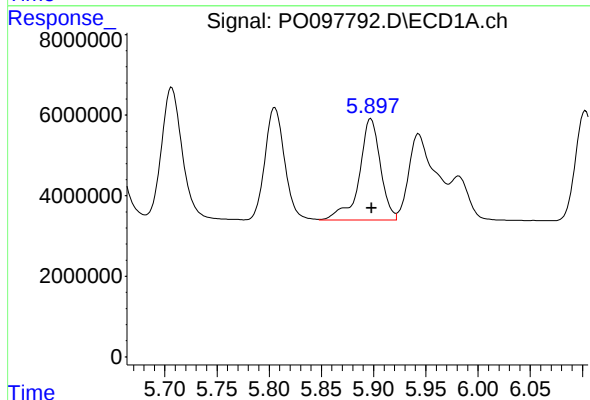
R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 49807602
Conc: 734.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



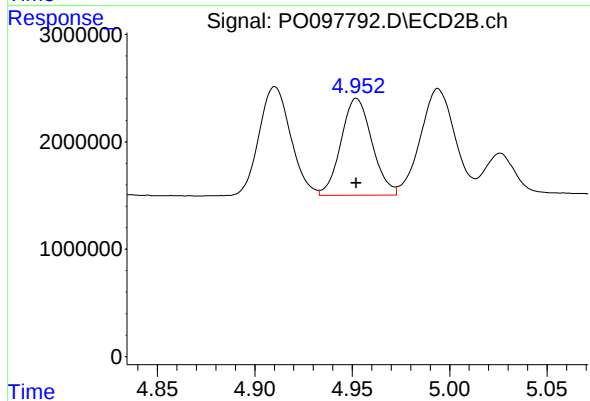
#21 AR-1248-1

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 14950011
Conc: 727.76 ng/ml



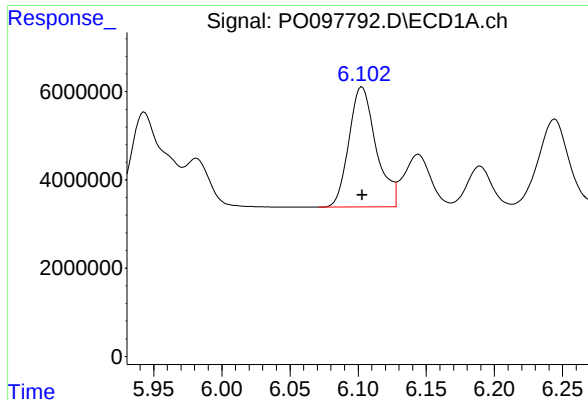
#22 AR-1248-2

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 35571608
Conc: 328.93 ng/ml



#22 AR-1248-2

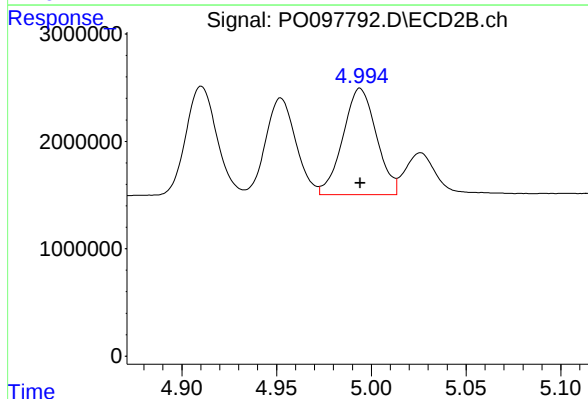
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 10014525
Conc: 328.69 ng/ml



#23 AR-1248-3

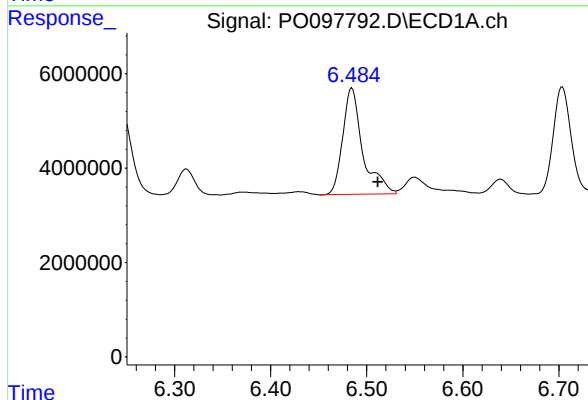
R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 37667762
Conc: 335.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



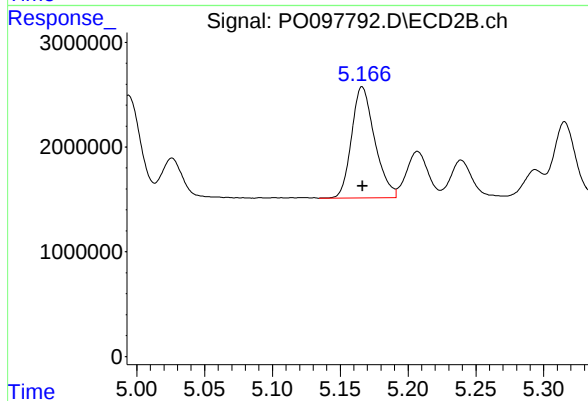
#23 AR-1248-3

R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 12220066
Conc: 383.71 ng/ml



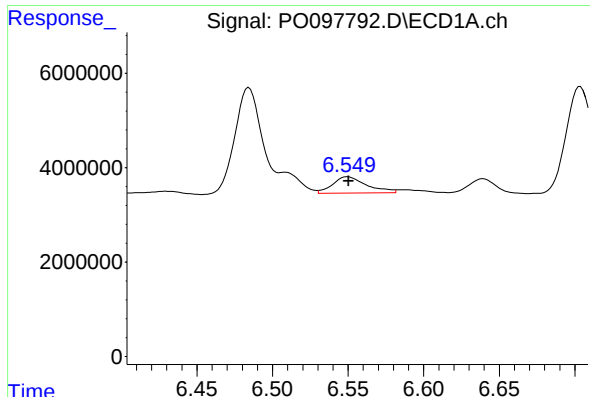
#24 AR-1248-4

R.T.: 6.484 min
Delta R.T.: -0.027 min
Response: 32488041
Conc: 314.26 ng/ml



#24 AR-1248-4

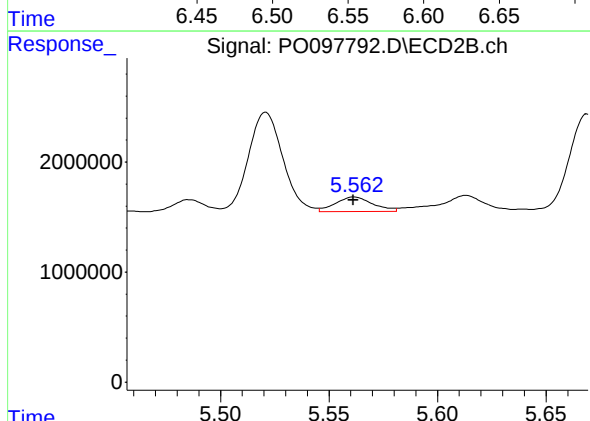
R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 12587117
Conc: 336.35 ng/ml



#25 AR-1248-5

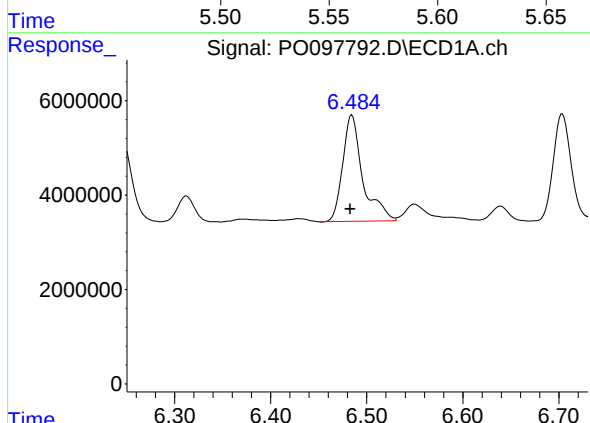
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 5382422
Conc: 48.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



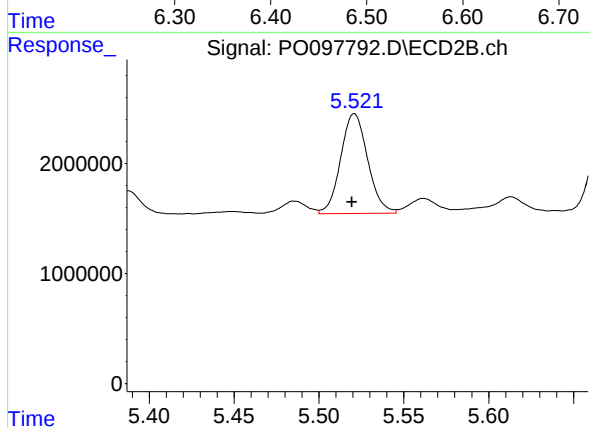
#25 AR-1248-5

R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 1605210
Conc: 48.17 ng/ml



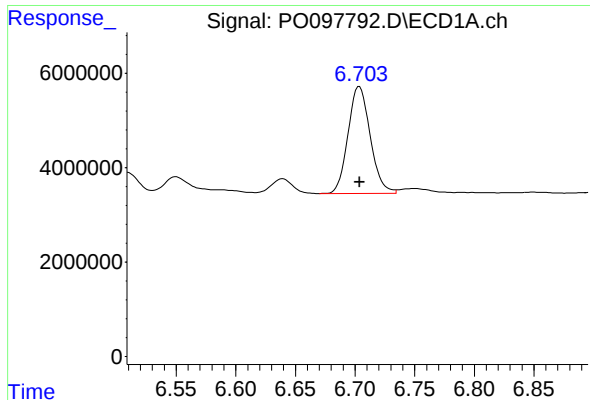
#26 AR-1254-1

R.T.: 6.484 min
Delta R.T.: 0.002 min
Response: 32488041
Conc: 265.00 ng/ml



#26 AR-1254-1

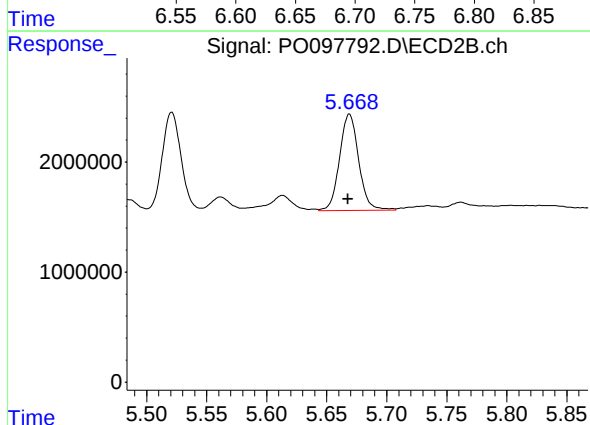
R.T.: 5.521 min
Delta R.T.: 0.001 min
Response: 10066280
Conc: 185.17 ng/ml



#27 AR-1254-2

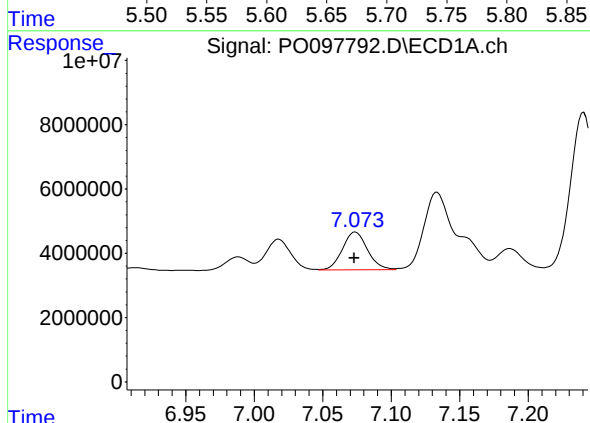
R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 29408759
Conc: 163.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



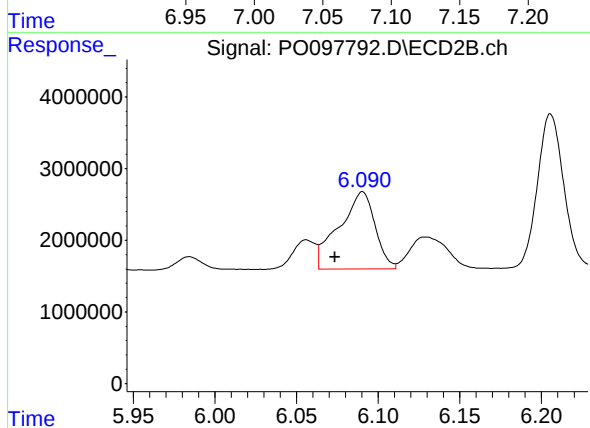
#27 AR-1254-2

R.T.: 5.669 min
Delta R.T.: 0.001 min
Response: 9775655
Conc: 203.01 ng/ml



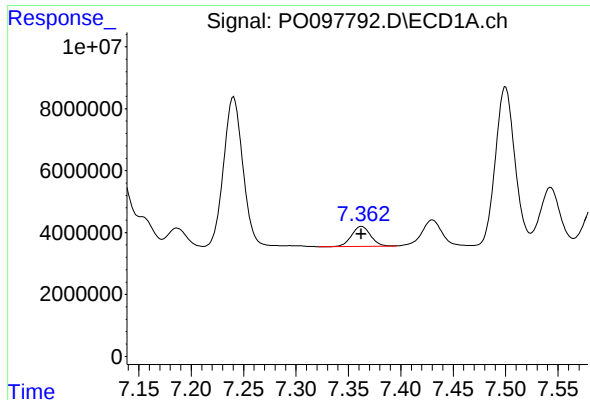
#28 AR-1254-3

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 14873254
Conc: 83.99 ng/ml



#28 AR-1254-3

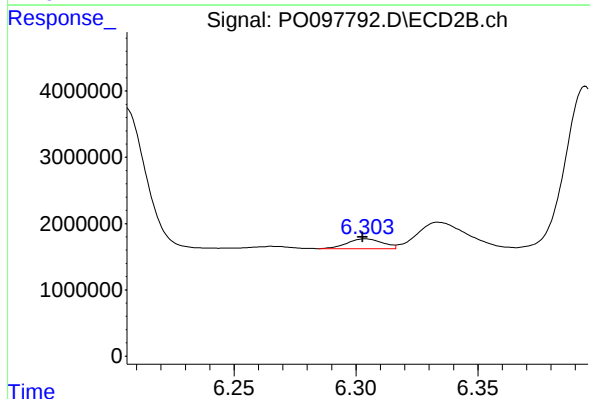
R.T.: 6.090 min
Delta R.T.: 0.017 min
Response: 16604380
Conc: 224.74 ng/ml



#29 AR-1254-4

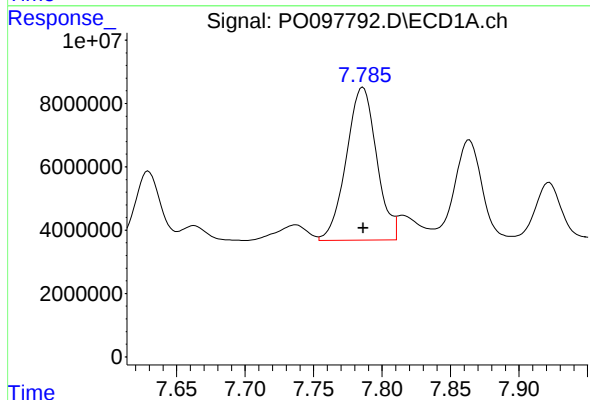
R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 8168800
Conc: 75.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



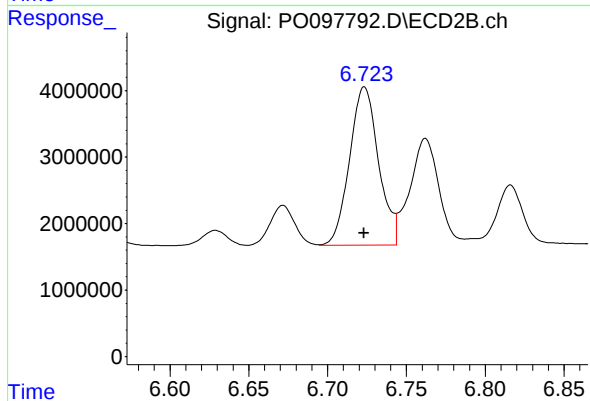
#29 AR-1254-4

R.T.: 6.304 min
Delta R.T.: 0.001 min
Response: 1499618
Conc: 37.84 ng/ml



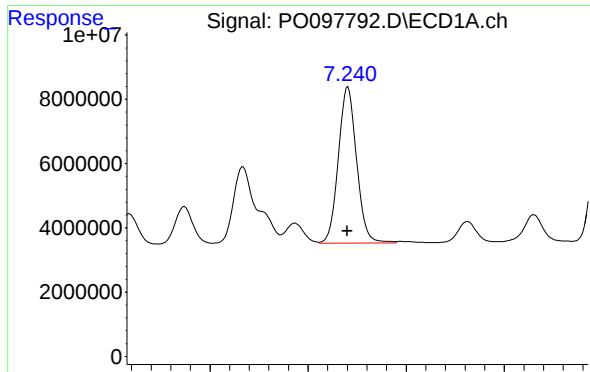
#30 AR-1254-5

R.T.: 7.786 min
Delta R.T.: 0.000 min
Response: 74523572
Conc: 619.82 ng/ml



#30 AR-1254-5

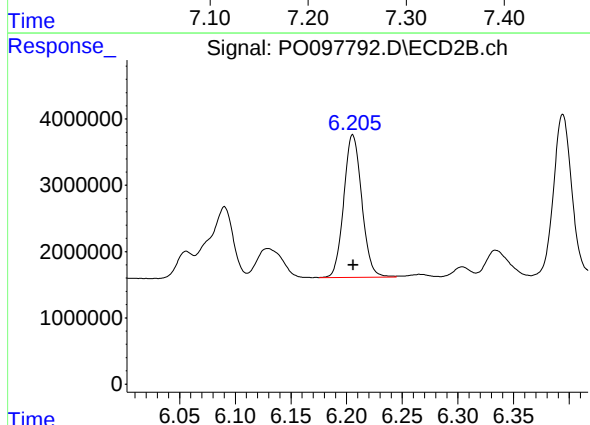
R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 30419515
Conc: 493.90 ng/ml



#31 AR-1260-1

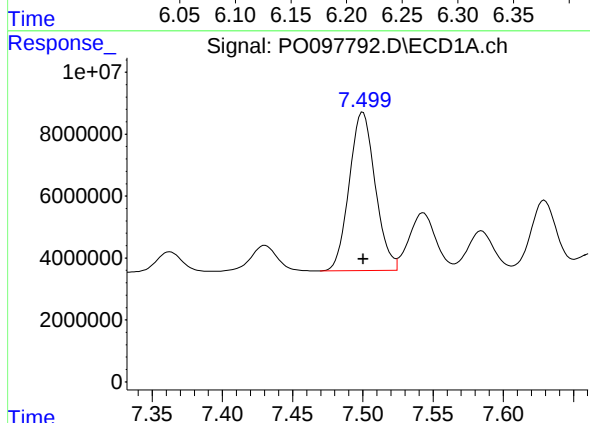
R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 62873321
Conc: 444.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



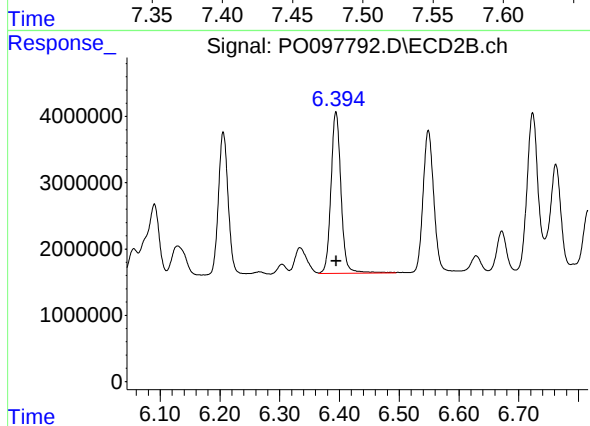
#31 AR-1260-1

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 24206446
Conc: 454.97 ng/ml



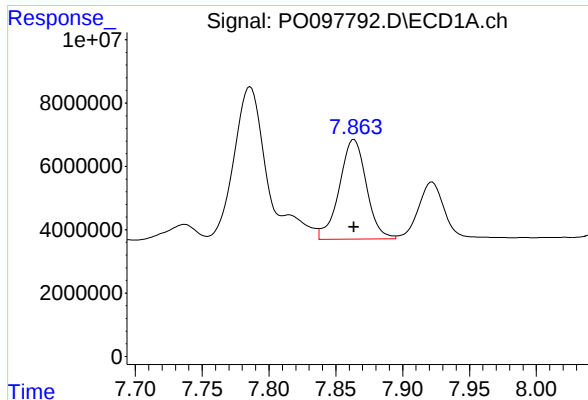
#32 AR-1260-2

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 66044104
Conc: 436.93 ng/ml



#32 AR-1260-2

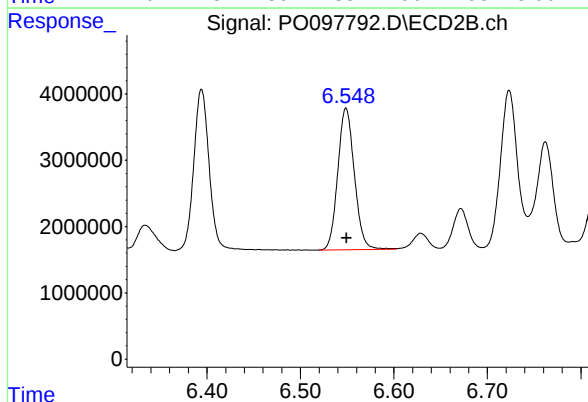
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 28462449
Conc: 454.53 ng/ml



#33 AR-1260-3

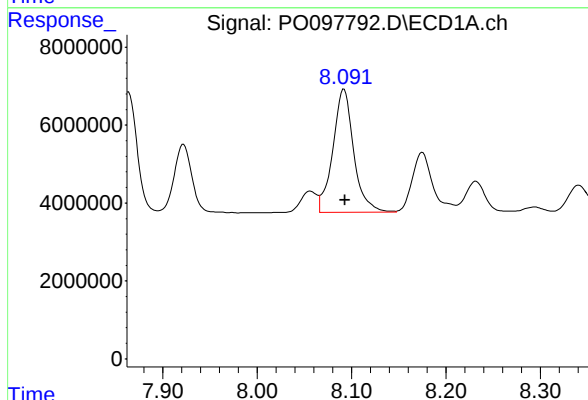
R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 44098770
Conc: 389.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



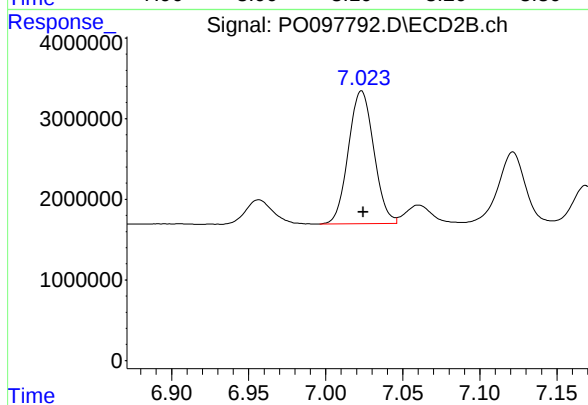
#33 AR-1260-3

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 26352215
Conc: 456.99 ng/ml



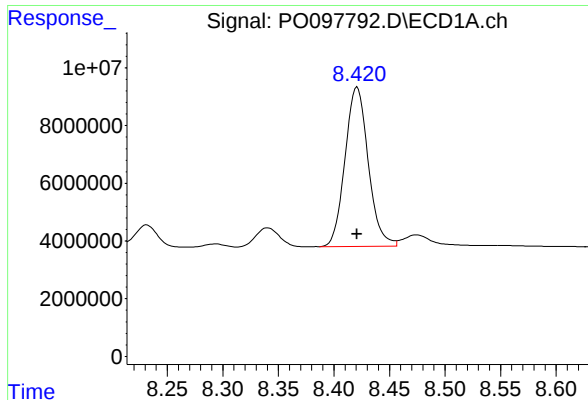
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.001 min
Response: 48682357
Conc: 409.53 ng/ml



#34 AR-1260-4

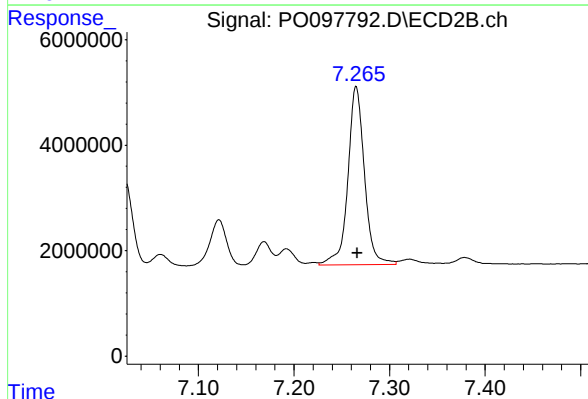
R.T.: 7.023 min
Delta R.T.: -0.001 min
Response: 18819960
Conc: 401.18 ng/ml



#35 AR-1260-5

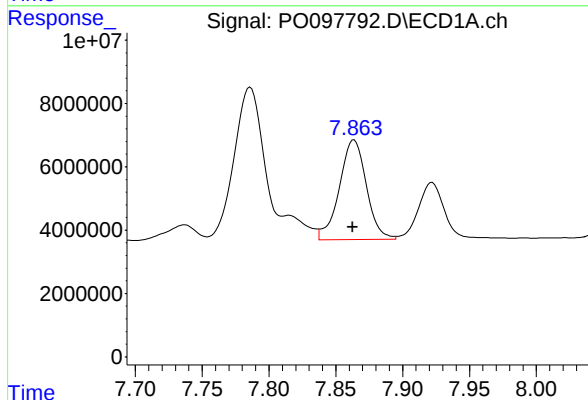
R.T.: 8.421 min
Delta R.T.: 0.000 min
Response: 80344060
Conc: 392.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



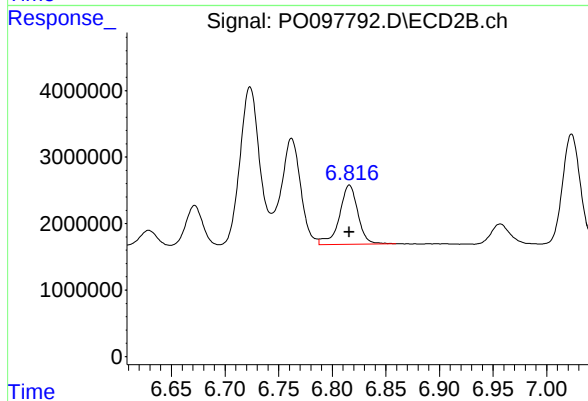
#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.001 min
Response: 40511560
Conc: 408.69 ng/ml



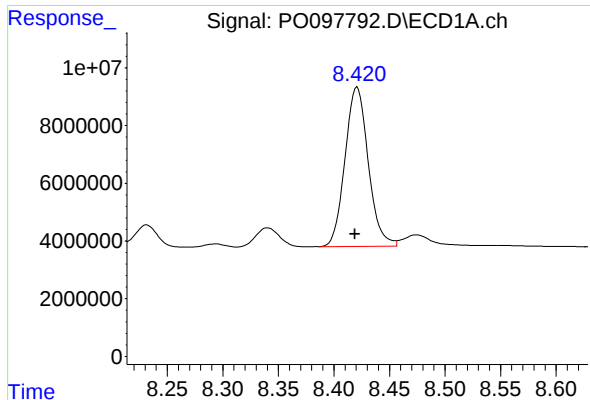
#36 AR-1262-1

R.T.: 7.864 min
Delta R.T.: 0.001 min
Response: 44098770
Conc: 290.05 ng/ml



#36 AR-1262-1

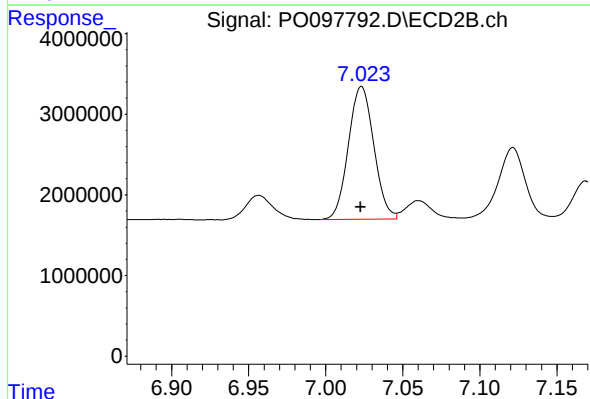
R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 10666402
Conc: 393.64 ng/ml



#37 AR-1262-2

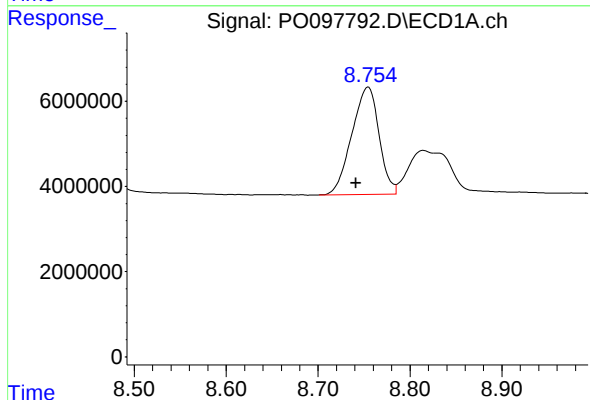
R.T.: 8.421 min
Delta R.T.: 0.002 min
Response: 80344060
Conc: 368.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



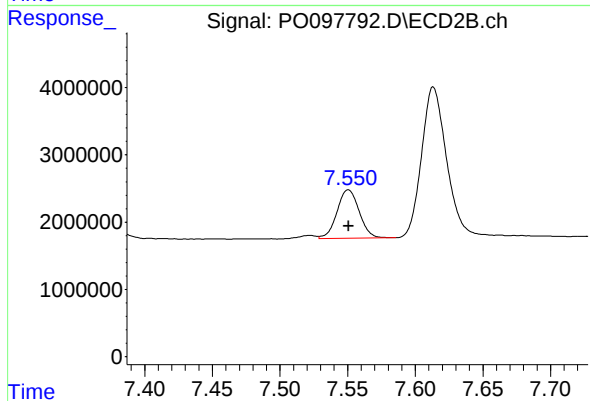
#37 AR-1262-2

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 18819960
Conc: 322.94 ng/ml



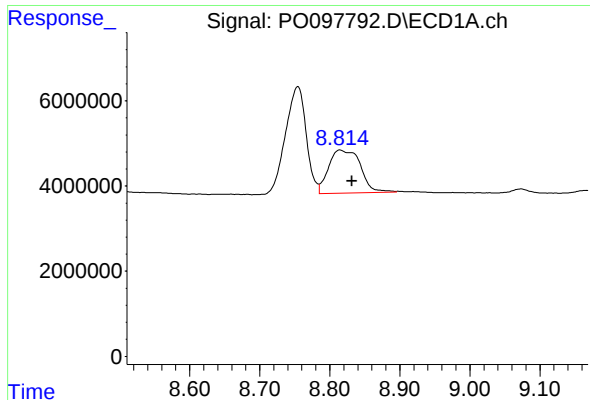
#38 AR-1262-3

R.T.: 8.755 min
Delta R.T.: 0.013 min
Response: 51865390
Conc: 335.23 ng/ml



#38 AR-1262-3

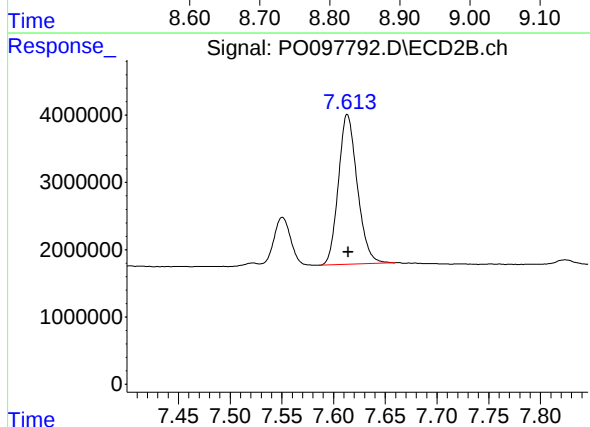
R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 8209223
Conc: 188.19 ng/ml



#39 AR-1262-4

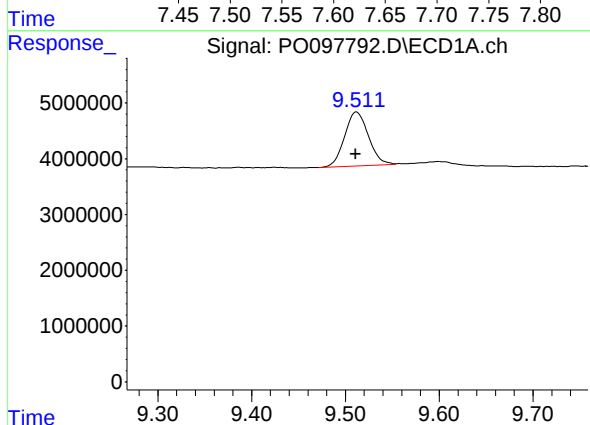
R.T.: 8.814 min
Delta R.T.: -0.017 min
Response: 31862810
Conc: 379.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



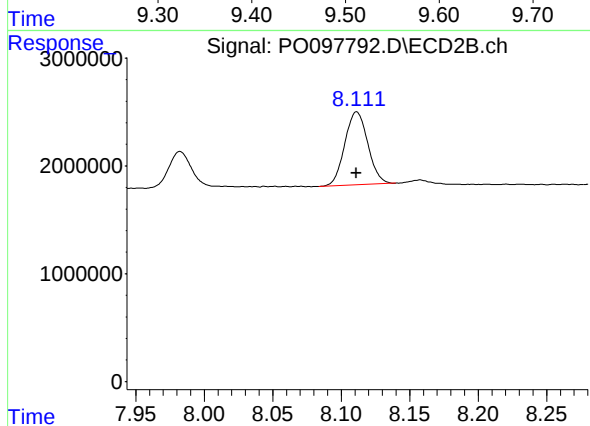
#39 AR-1262-4

R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 28391430
Conc: 373.14 ng/ml



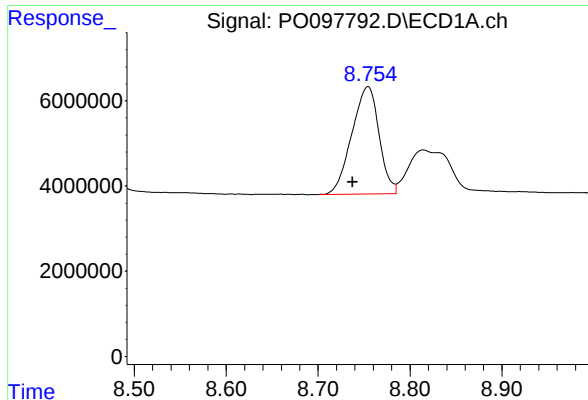
#40 AR-1262-5

R.T.: 9.512 min
Delta R.T.: 0.001 min
Response: 17057286
Conc: 236.68 ng/ml



#40 AR-1262-5

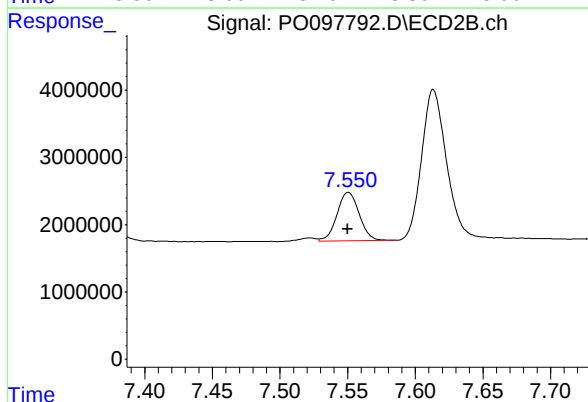
R.T.: 8.111 min
Delta R.T.: 0.000 min
Response: 7960590
Conc: 253.73 ng/ml



#41 AR-1268-1

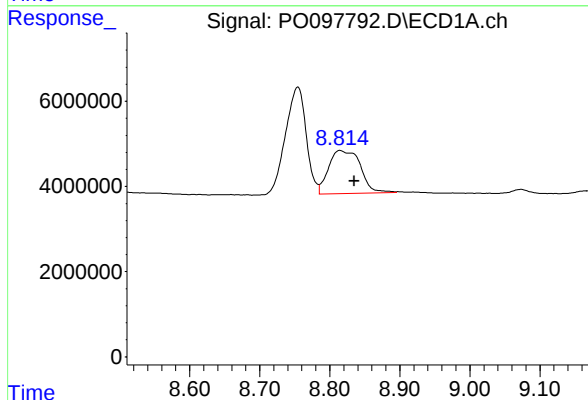
R.T.: 8.755 min
Delta R.T.: 0.017 min
Response: 51865390
Conc: 182.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



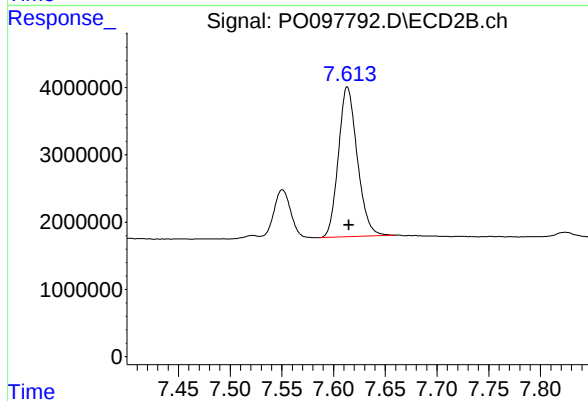
#41 AR-1268-1

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 8209223
Conc: 62.36 ng/ml



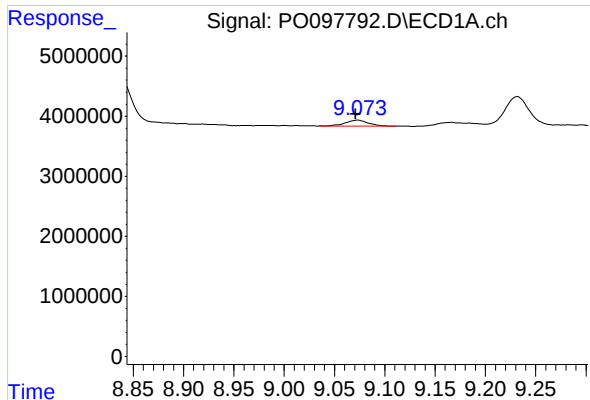
#42 AR-1268-2

R.T.: 8.814 min
Delta R.T.: -0.021 min
Response: 31862810
Conc: 124.75 ng/ml



#42 AR-1268-2

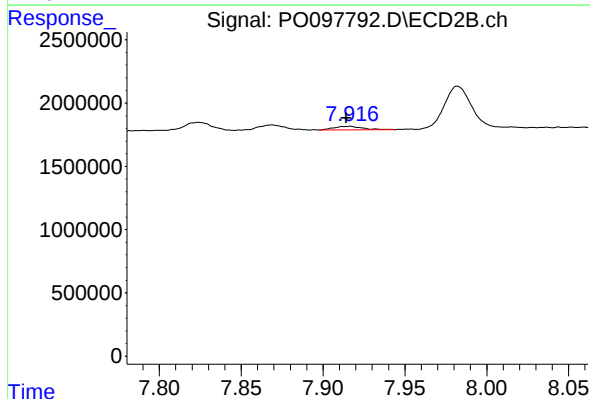
R.T.: 7.613 min
Delta R.T.: -0.001 min
Response: 28391430
Conc: 246.34 ng/ml



#43 AR-1268-3

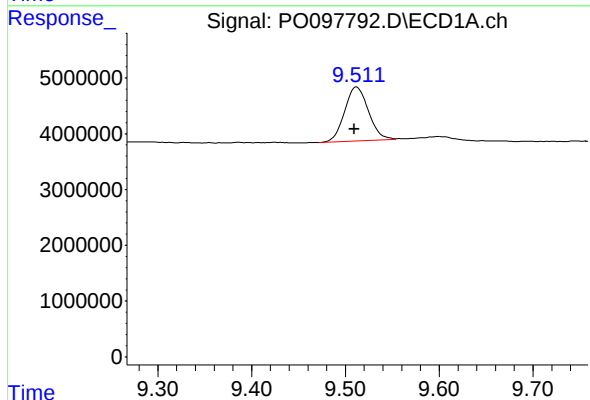
R.T.: 9.073 min
Delta R.T.: 0.002 min
Response: 1596720
Conc: 7.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



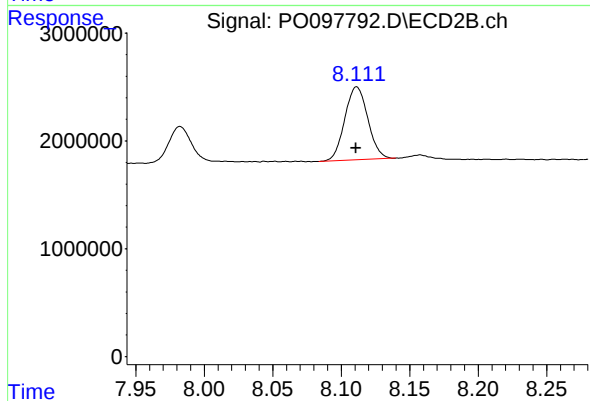
#43 AR-1268-3

R.T.: 7.916 min
Delta R.T.: 0.002 min
Response: 323600
Conc: 11.71 ng/ml



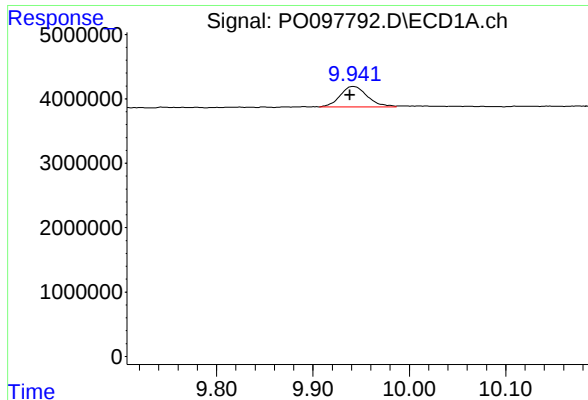
#44 AR-1268-4

R.T.: 9.512 min
Delta R.T.: 0.003 min
Response: 17057286
Conc: 208.73 ng/ml



#44 AR-1268-4

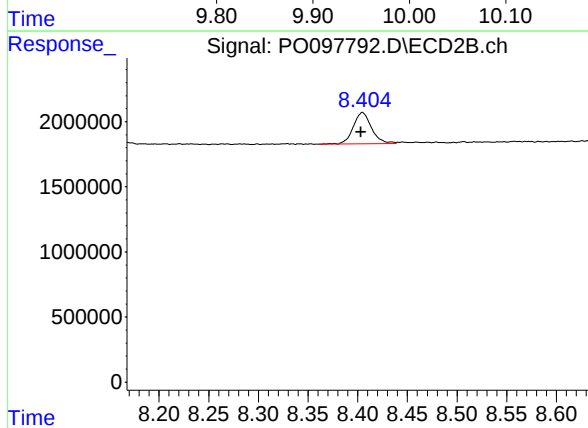
R.T.: 8.111 min
Delta R.T.: 0.000 min
Response: 7960590
Conc: 225.99 ng/ml



#45 AR-1268-5

R.T.: 9.941 min
Delta R.T.: 0.003 min
Response: 6198149
Conc: 9.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.405 min
Delta R.T.: 0.001 min
Response: 3100177
Conc: 9.89 ng/ml