

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081523\
 Data File : P0097120.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 01:41
 Operator : YP/AJ
 Sample : PB154834BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 05:46:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.410	3.615	65156544	24437047	19.684	18.460
2) SA Decachlor...	10.349	8.632	47085705	23976484	21.518	20.724
Target Compounds						
3) L1 AR-1016-1	5.595	4.700	45544830	20320068	483.575	458.320
4) L1 AR-1016-2	5.618	4.719	64696685	28616714	483.625	467.817
5) L1 AR-1016-3	5.682	4.895	40407121	14760968	464.337	451.842
6) L1 AR-1016-4	5.782	4.938	31883063	12662910	474.660	442.970
7) L1 AR-1016-5	6.084	5.152	32771159	16490717	469.387	428.927
8) L2 AR-1221-1	4.616	3.828	4929952	2009194	120.965	115.757
9) L2 AR-1221-2	4.708	3.914	6317594	2440767	207.953	188.903
10) L2 AR-1221-3	4.785	3.990	26244097	11157158	299.824	281.079
11) L3 AR-1232-1	4.785	3.990	26244097	11157158	359.836	344.920
12) L3 AR-1232-2	5.323	4.719	36517137	28616714	921.082	991.826
13) L3 AR-1232-3	5.618	4.895	64696685	14760968	1057.608	973.559
14) L3 AR-1232-4	5.782	4.979	31883063	15768786	1044.873	1055.145
15) L3 AR-1232-5	5.875	5.152	30048825	16490717	1073.817	1008.805
16) L4 AR-1242-1	5.595	4.700	45544830	20320068	543.385	515.411
17) L4 AR-1242-2	5.618	4.719	64696685	28616714	549.386	525.165
18) L4 AR-1242-3	5.682	4.895	40407121	14760968	546.985	499.211
19) L4 AR-1242-4	5.782	4.979	31883063	15768786	535.577	500.376
20) L4 AR-1242-5	6.536	5.504	3762017	13144449	68.376	360.753 #
21) L5 AR-1248-1	5.595	4.700	45544830	20320068	777.294	724.100
22) L5 AR-1248-2	5.875	4.938	30048825	12662910	319.609	298.788
23) L5 AR-1248-3	6.084	4.979	32771159	15768786	335.053	359.484
24) L5 AR-1248-4	6.494	5.152	4010798	16490717	44.151	323.031 #
25) L5 AR-1248-5	6.536	5.544	3762017	1993429	42.708	42.639
26) L6 AR-1254-1	6.469	5.504	24271492	13144449	222.082	178.118
27) L6 AR-1254-2	6.693	5.652	25963733	12941463	161.038	196.439
28) L6 AR-1254-3	7.071	6.071	13619071	22334337	86.914	220.995 #
29) L6 AR-1254-4	7.364	6.286	7964555	2300162	78.999	39.744 #
30) L6 AR-1254-5	7.794	6.704	72533905	41880870	646.387	476.379 #
31) L7 AR-1260-1	7.239	6.187	55924277	31149639	444.945	442.667
32) L7 AR-1260-2	7.503	6.376	61775081	37189217	458.493	445.577
33) L7 AR-1260-3	7.872	6.529	40853962	33692648	393.682	436.322
34) L7 AR-1260-4	8.105	7.002	49196692	25253016	440.027	394.072
35) L7 AR-1260-5	8.439	7.247	89193140	56855070	424.770	410.109
36) L8 AR-1262-1	7.872	6.796	40853962	14501751	275.061	368.357 #
37) L8 AR-1262-2	8.439	7.002	89193140	25253016	385.337	311.362
38) L8 AR-1262-3	8.781	7.530	59027176	12018042	353.883	187.275 #
39) L8 AR-1262-4	8.838	7.593	33884263	42157846	464.759	371.106
40) L8 AR-1262-5	9.551	8.091	21859569	12314166	262.489	234.476
41) L9 AR-1268-1	8.781	7.530	59027176	12018042	192.018	64.861 #

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 Quant Time: Aug 16 05:46:22 2023
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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

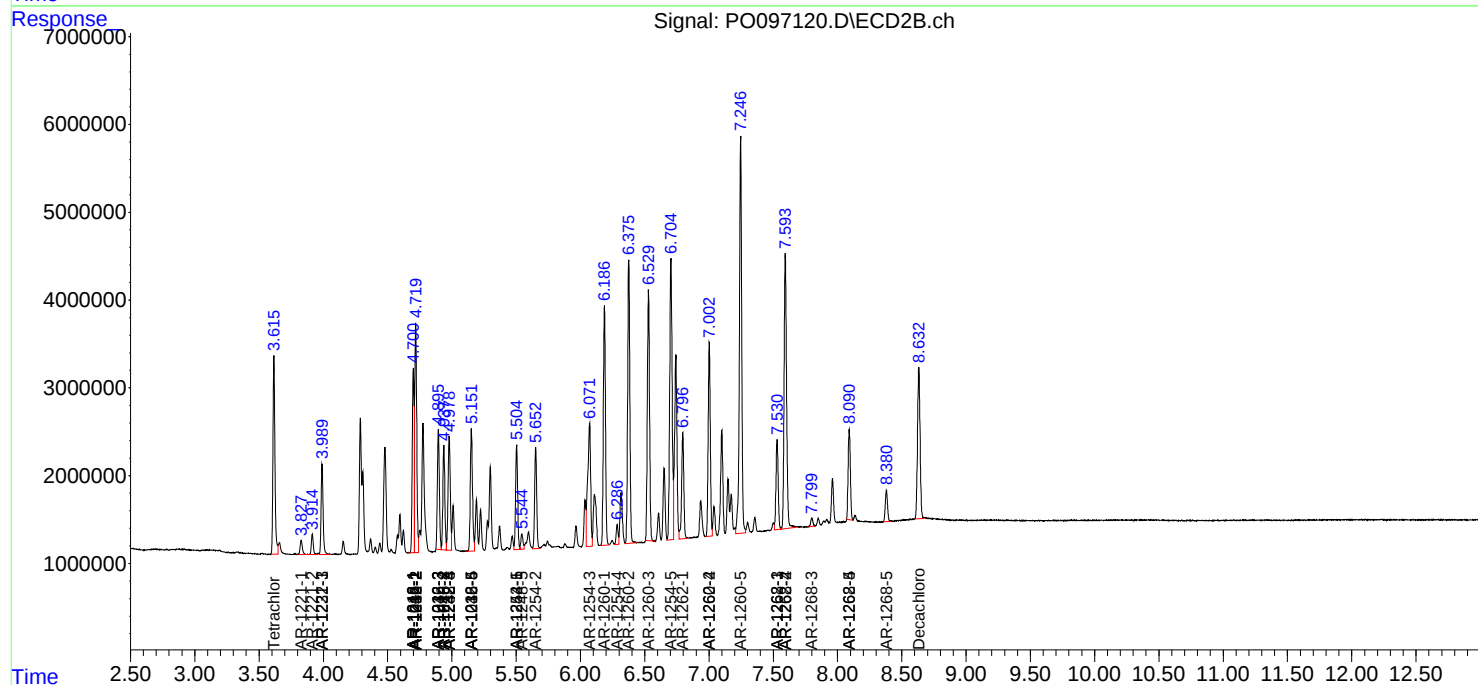
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

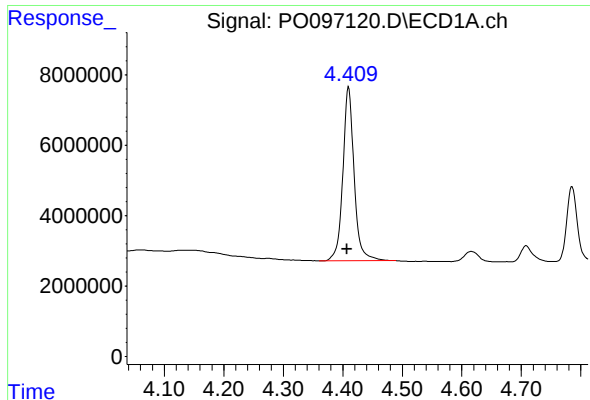
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.838	7.593	33884263	42157846	123.577	251.407 #
43) L9	AR-1268-3	9.103	7.800	2102449	1152288	8.232	7.975
44) L9	AR-1268-4	9.551	8.091	21859569	12314166	235.777	206.707
45) L9	AR-1268-5	9.991	8.380	7162027	4367528	8.866	10.501

(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

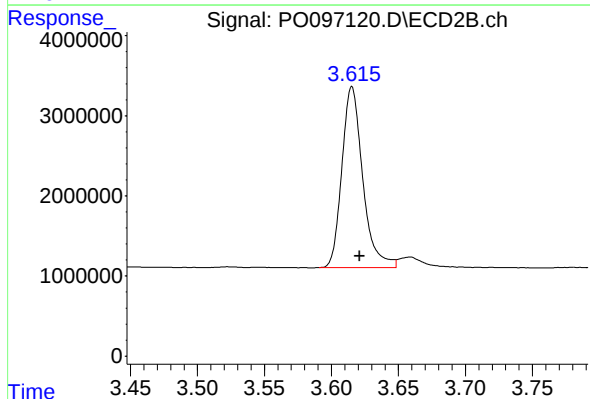




#1 Tetrachloro-m-xylene

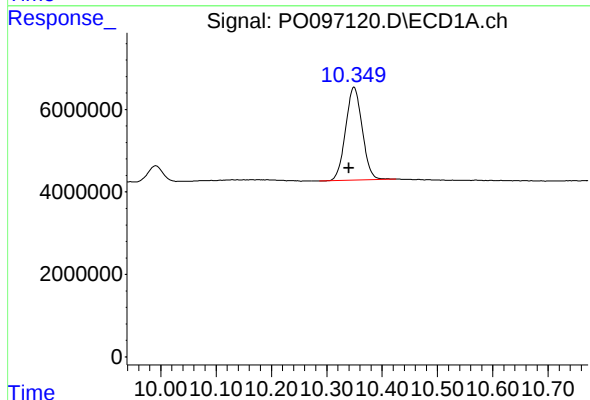
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 65156544
Conc: 19.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



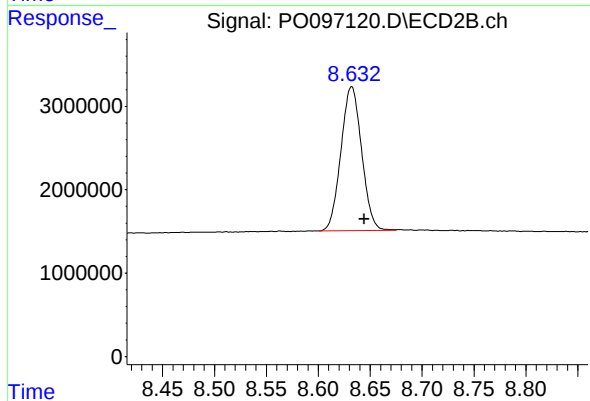
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.006 min
Response: 24437047
Conc: 18.46 ng/ml



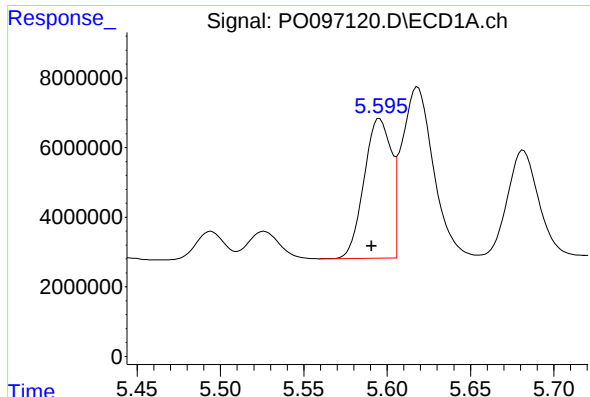
#2 Decachlorobiphenyl

R.T.: 10.349 min
Delta R.T.: 0.010 min
Response: 47085705
Conc: 21.52 ng/ml



#2 Decachlorobiphenyl

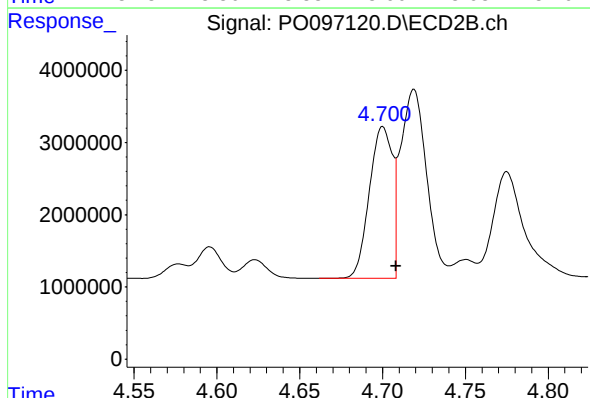
R.T.: 8.632 min
Delta R.T.: -0.012 min
Response: 23976484
Conc: 20.72 ng/ml



#3 AR-1016-1

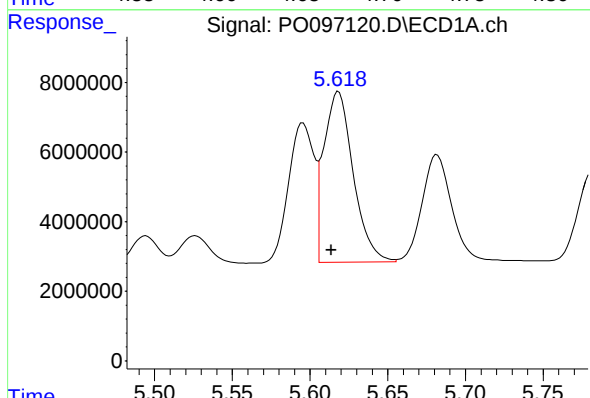
R.T.: 5.595 min
Delta R.T.: 0.005 min
Response: 45544830
Conc: 483.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



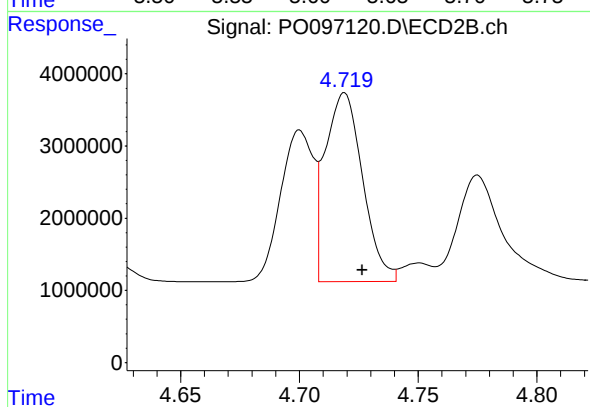
#3 AR-1016-1

R.T.: 4.700 min
Delta R.T.: -0.008 min
Response: 20320068
Conc: 458.32 ng/ml



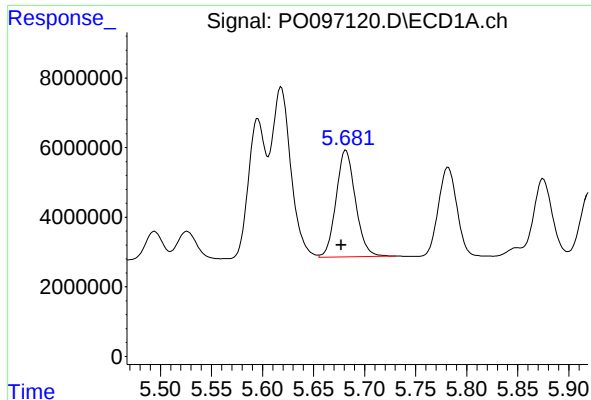
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 64696685
Conc: 483.63 ng/ml



#4 AR-1016-2

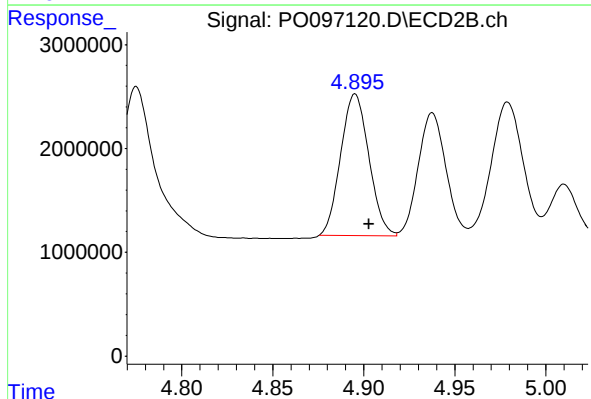
R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 28616714
Conc: 467.82 ng/ml



#5 AR-1016-3

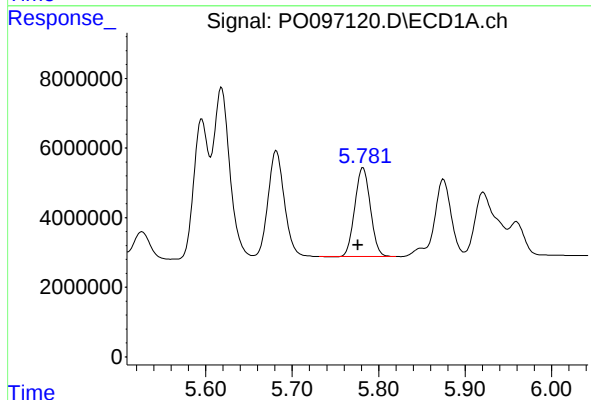
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 40407121
Conc: 464.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



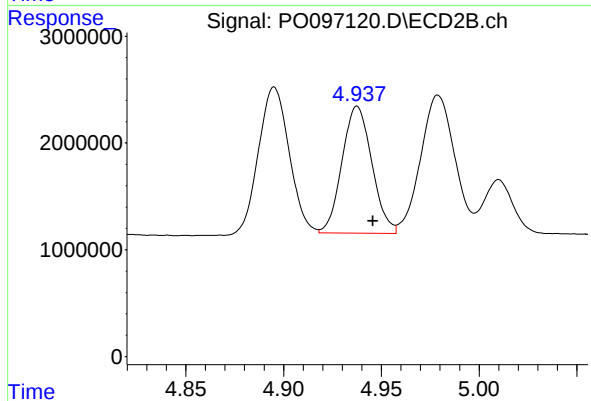
#5 AR-1016-3

R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 14760968
Conc: 451.84 ng/ml



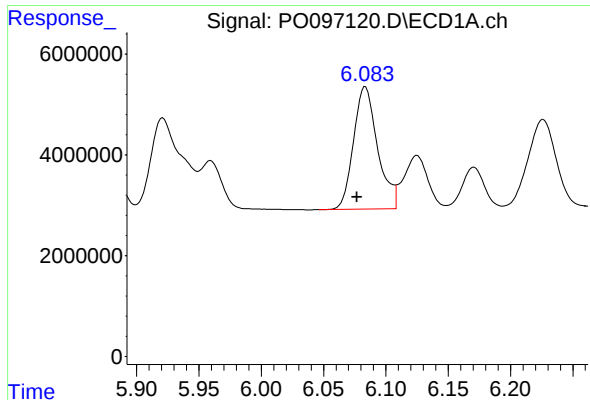
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 31883063
Conc: 474.66 ng/ml



#6 AR-1016-4

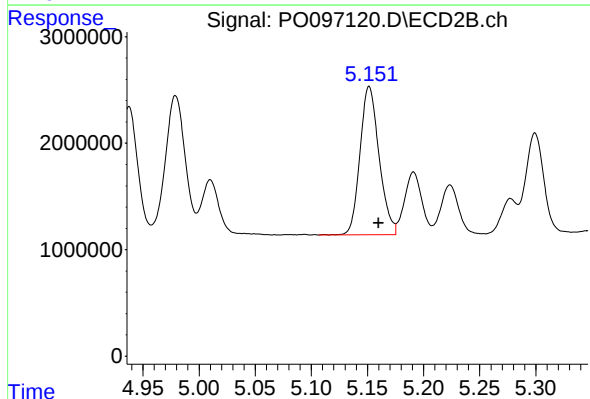
R.T.: 4.938 min
Delta R.T.: -0.008 min
Response: 12662910
Conc: 442.97 ng/ml



#7 AR-1016-5

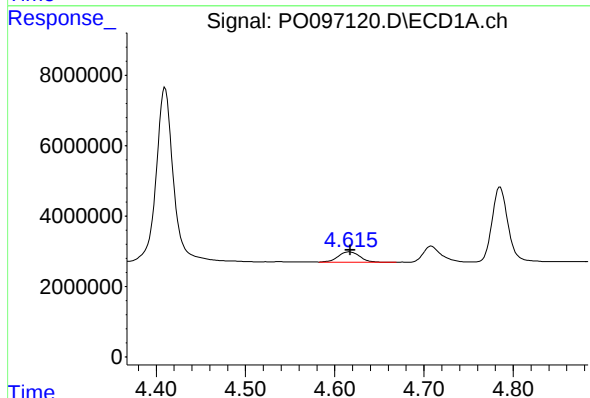
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 32771159
Conc: 469.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



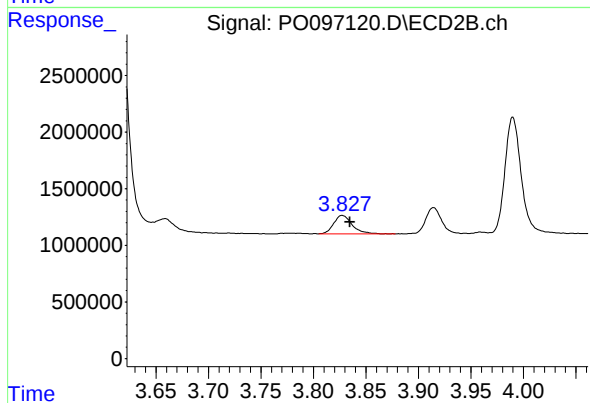
#7 AR-1016-5

R.T.: 5.152 min
Delta R.T.: -0.008 min
Response: 16490717
Conc: 428.93 ng/ml



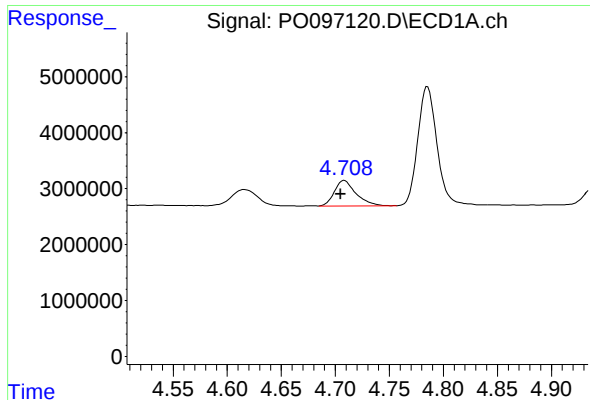
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.002 min
Response: 4929952
Conc: 120.97 ng/ml



#8 AR-1221-1

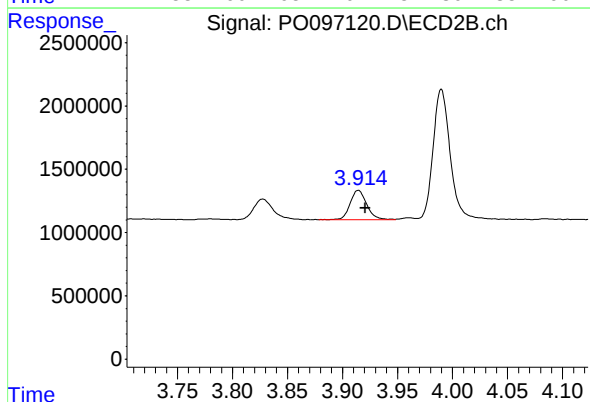
R.T.: 3.828 min
Delta R.T.: -0.007 min
Response: 2009194
Conc: 115.76 ng/ml



#9 AR-1221-2

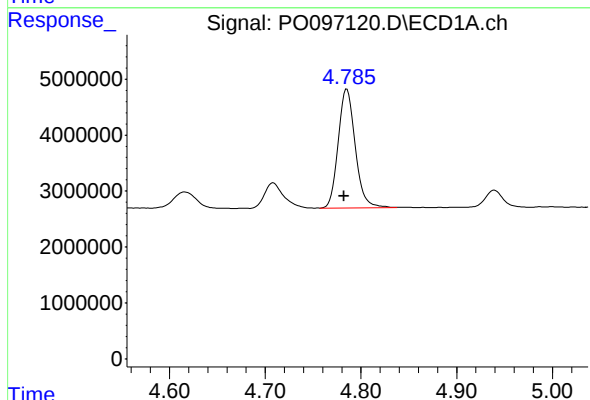
R.T.: 4.708 min
Delta R.T.: 0.003 min
Response: 6317594
Conc: 207.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



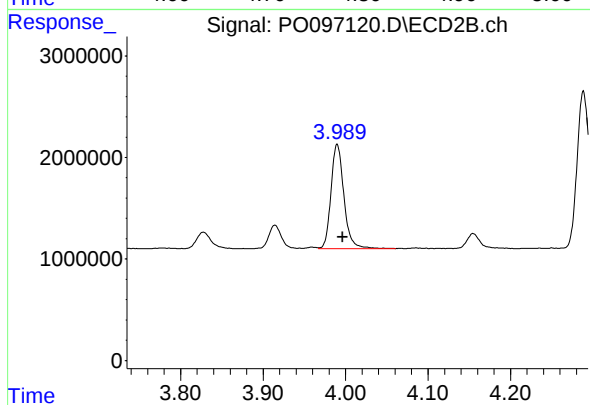
#9 AR-1221-2

R.T.: 3.914 min
Delta R.T.: -0.006 min
Response: 2440767
Conc: 188.90 ng/ml



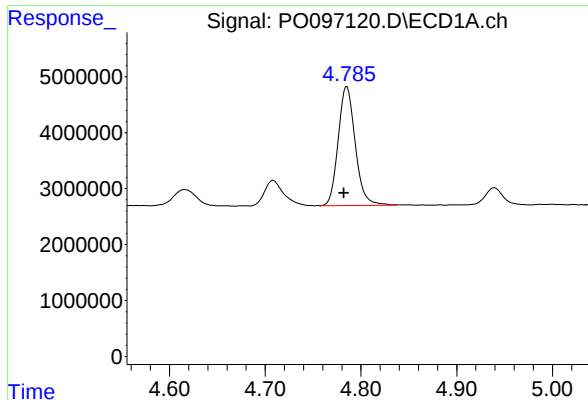
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 26244097
Conc: 299.82 ng/ml



#10 AR-1221-3

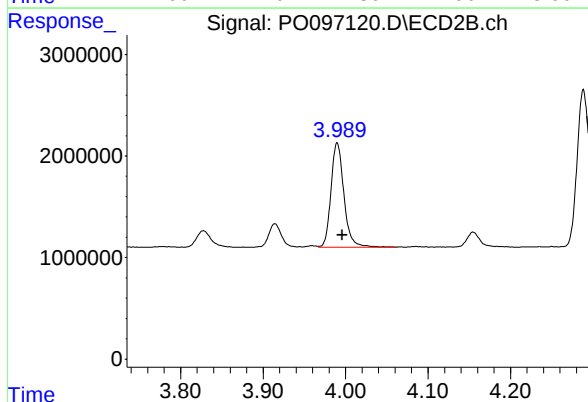
R.T.: 3.990 min
Delta R.T.: -0.007 min
Response: 11157158
Conc: 281.08 ng/ml



#11 AR-1232-1

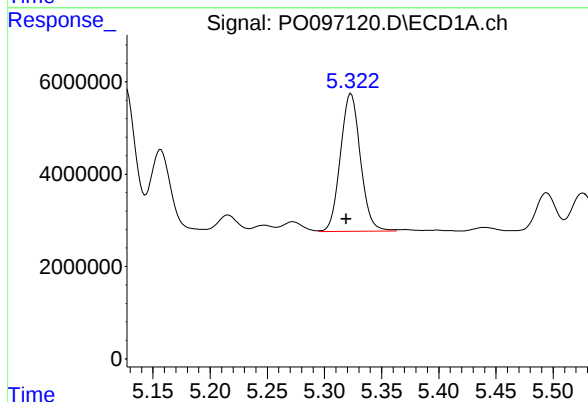
R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 26244097
Conc: 359.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



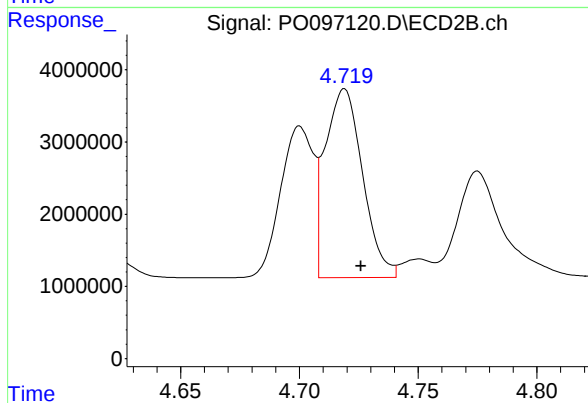
#11 AR-1232-1

R.T.: 3.990 min
Delta R.T.: -0.006 min
Response: 11157158
Conc: 344.92 ng/ml



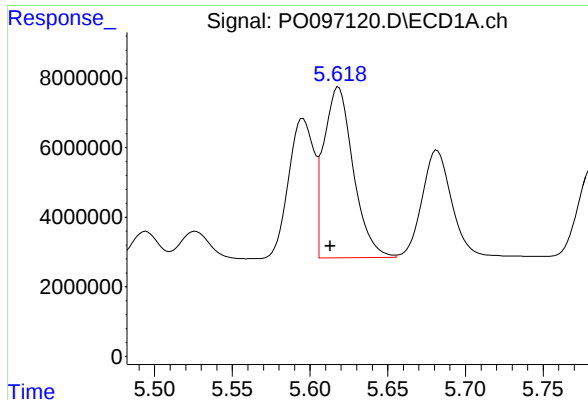
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.004 min
Response: 36517137
Conc: 921.08 ng/ml



#12 AR-1232-2

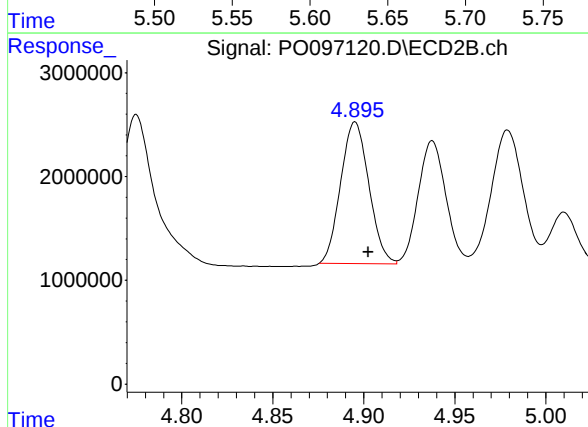
R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 28616714
Conc: 991.83 ng/ml



#13 AR-1232-3

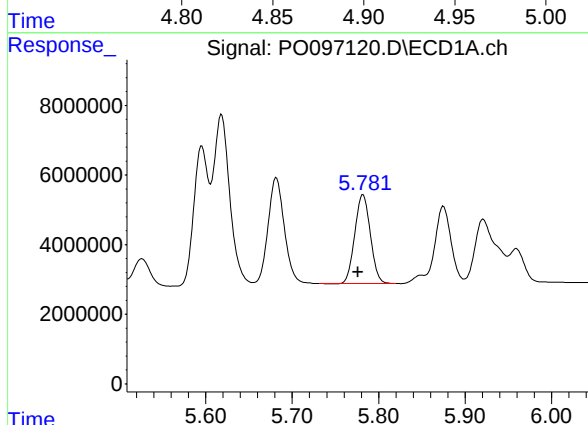
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 64696685
Conc: 1057.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



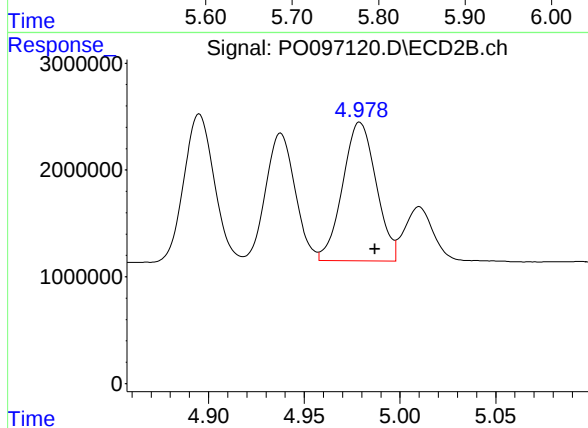
#13 AR-1232-3

R.T.: 4.895 min
Delta R.T.: -0.007 min
Response: 14760968
Conc: 973.56 ng/ml



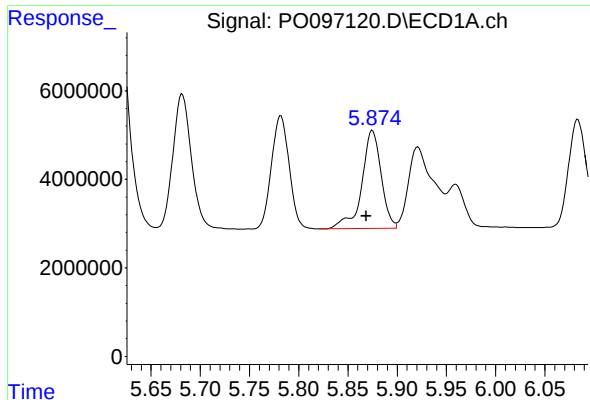
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 31883063
Conc: 1044.87 ng/ml



#14 AR-1232-4

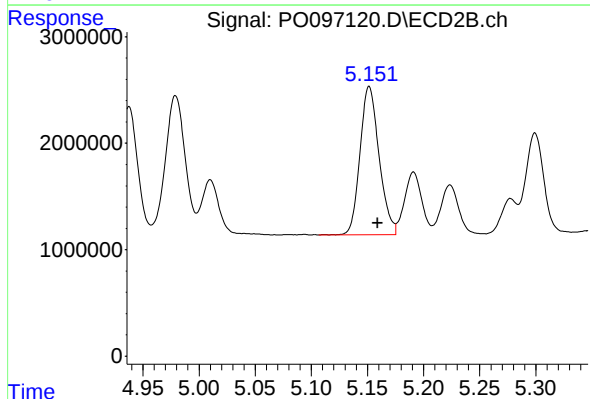
R.T.: 4.979 min
Delta R.T.: -0.008 min
Response: 15768786
Conc: 1055.15 ng/ml



#15 AR-1232-5

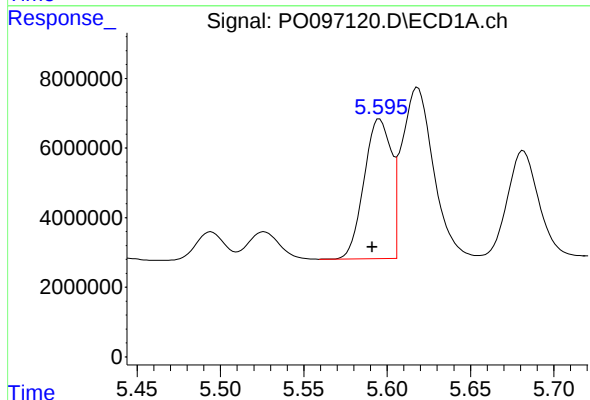
R.T.: 5.875 min
Delta R.T.: 0.006 min
Response: 30048825
Conc: 1073.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



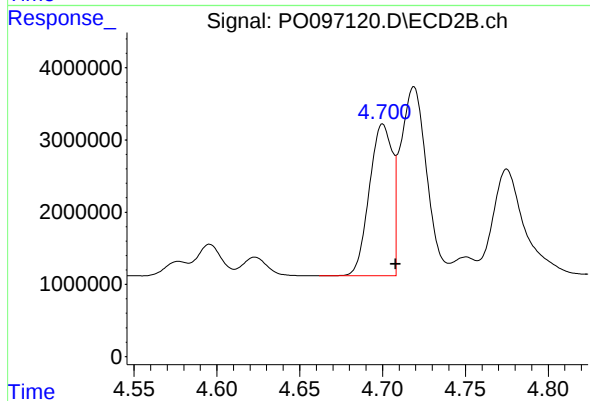
#15 AR-1232-5

R.T.: 5.152 min
Delta R.T.: -0.007 min
Response: 16490717
Conc: 1008.81 ng/ml



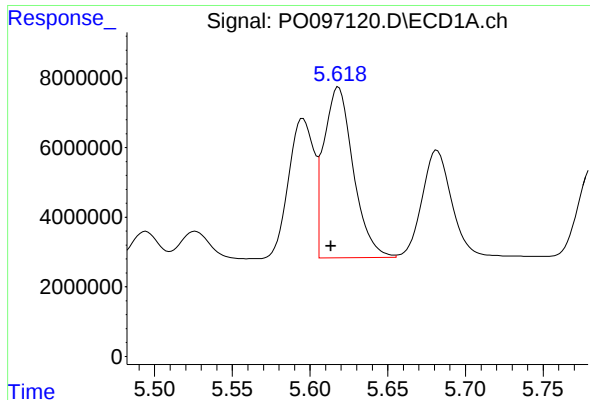
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 45544830
Conc: 543.38 ng/ml



#16 AR-1242-1

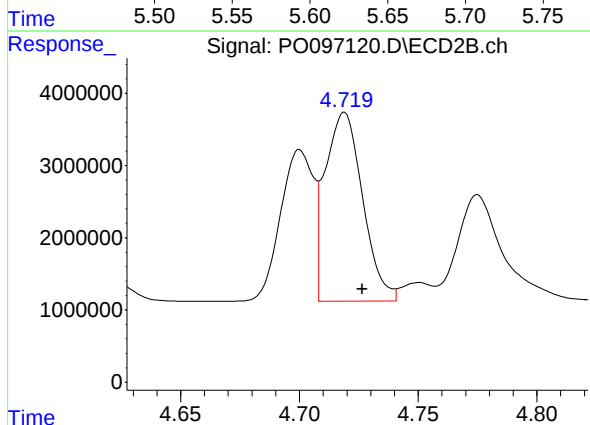
R.T.: 4.700 min
Delta R.T.: -0.008 min
Response: 20320068
Conc: 515.41 ng/ml



#17 AR-1242-2

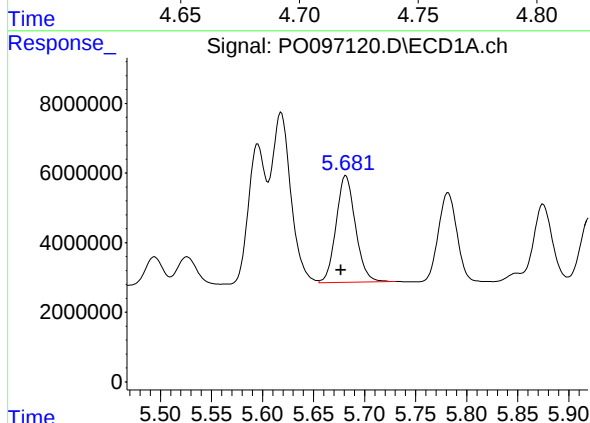
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 64696685
Conc: 549.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



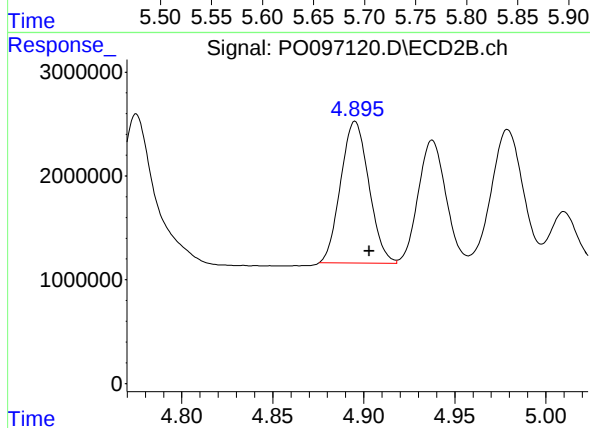
#17 AR-1242-2

R.T.: 4.719 min
Delta R.T.: -0.008 min
Response: 28616714
Conc: 525.17 ng/ml



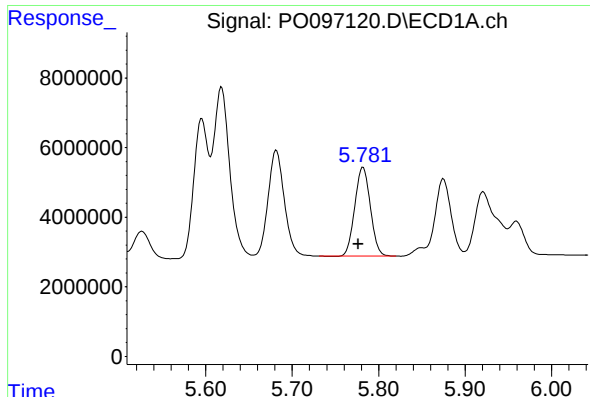
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 40407121
Conc: 546.99 ng/ml



#18 AR-1242-3

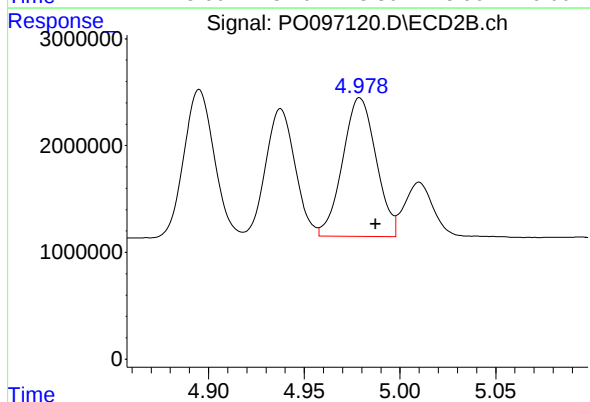
R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 14760968
Conc: 499.21 ng/ml



#19 AR-1242-4

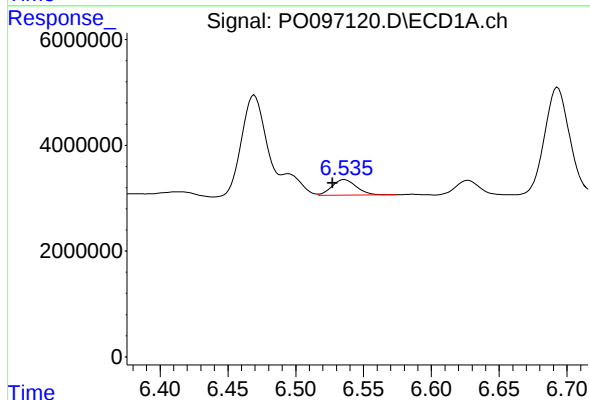
R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 31883063
Conc: 535.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



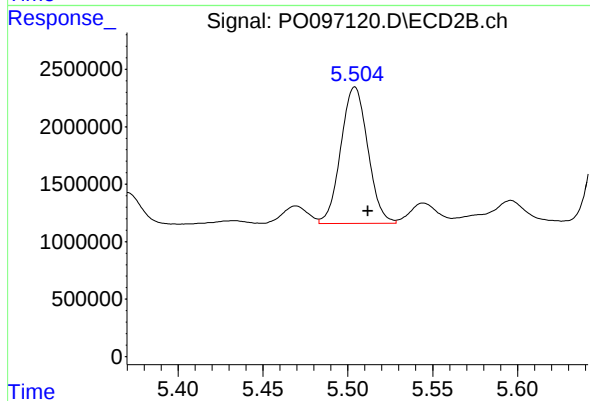
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: -0.008 min
Response: 15768786
Conc: 500.38 ng/ml



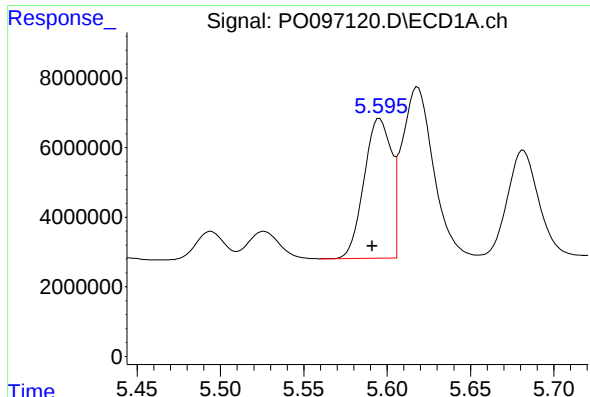
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 3762017
Conc: 68.38 ng/ml



#20 AR-1242-5

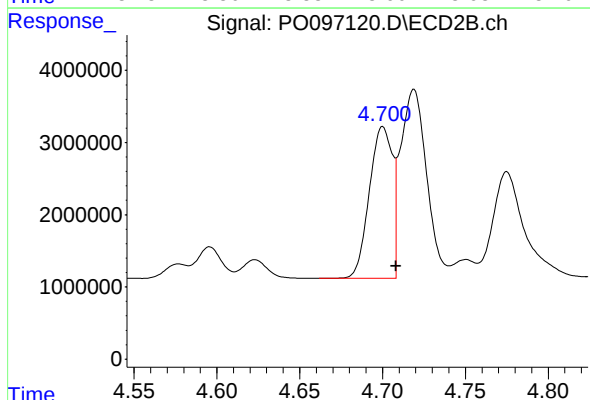
R.T.: 5.504 min
Delta R.T.: -0.008 min
Response: 13144449
Conc: 360.75 ng/ml



#21 AR-1248-1

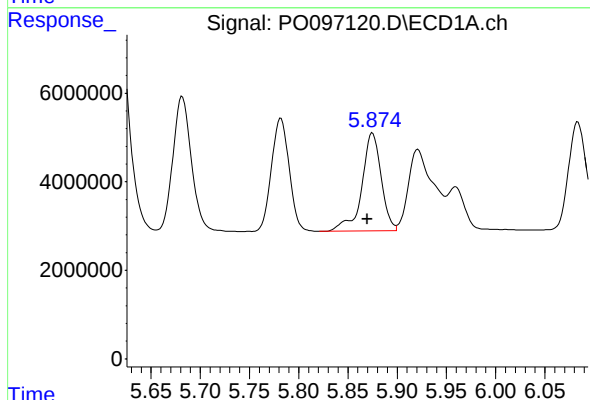
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 45544830
Conc: 777.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



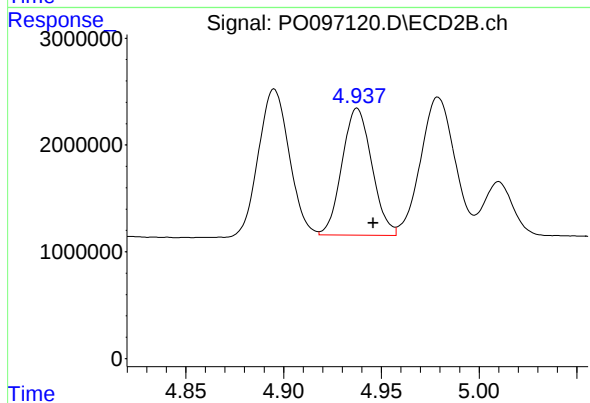
#21 AR-1248-1

R.T.: 4.700 min
Delta R.T.: -0.008 min
Response: 20320068
Conc: 724.10 ng/ml



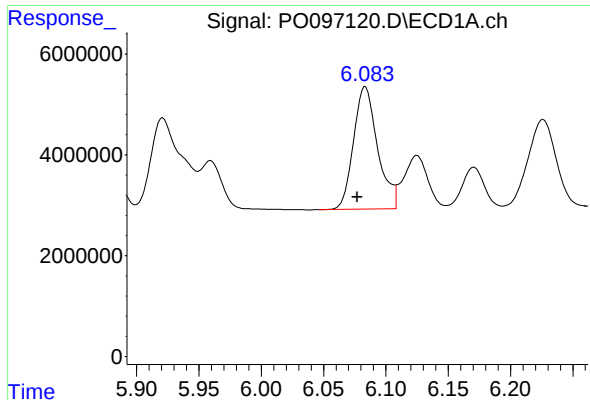
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: 0.005 min
Response: 30048825
Conc: 319.61 ng/ml



#22 AR-1248-2

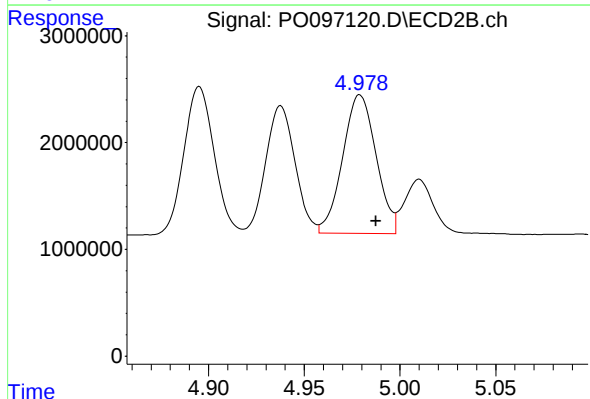
R.T.: 4.938 min
Delta R.T.: -0.008 min
Response: 12662910
Conc: 298.79 ng/ml



#23 AR-1248-3

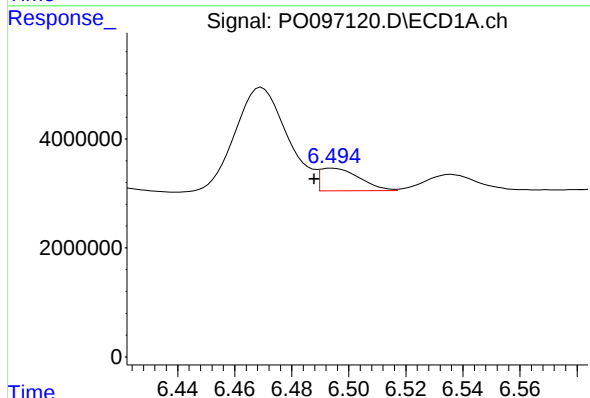
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 32771159
Conc: 335.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



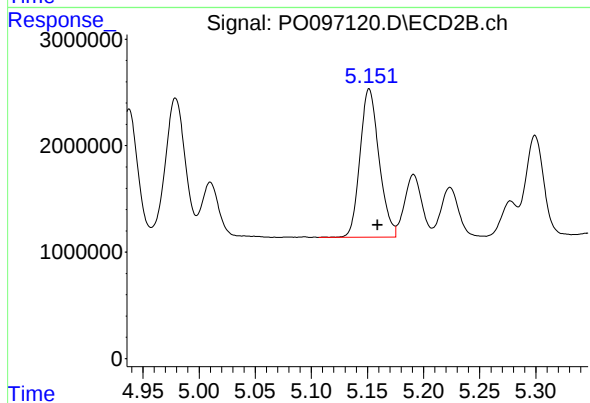
#23 AR-1248-3

R.T.: 4.979 min
Delta R.T.: -0.008 min
Response: 15768786
Conc: 359.48 ng/ml



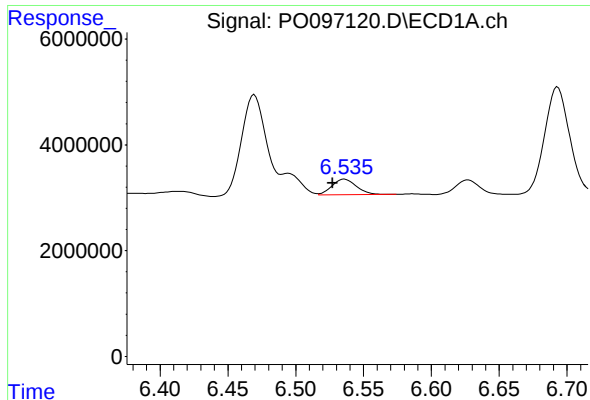
#24 AR-1248-4

R.T.: 6.494 min
Delta R.T.: 0.006 min
Response: 4010798
Conc: 44.15 ng/ml



#24 AR-1248-4

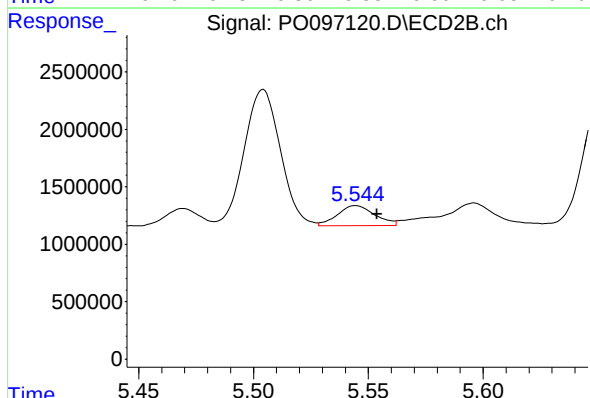
R.T.: 5.152 min
Delta R.T.: -0.008 min
Response: 16490717
Conc: 323.03 ng/ml



#25 AR-1248-5

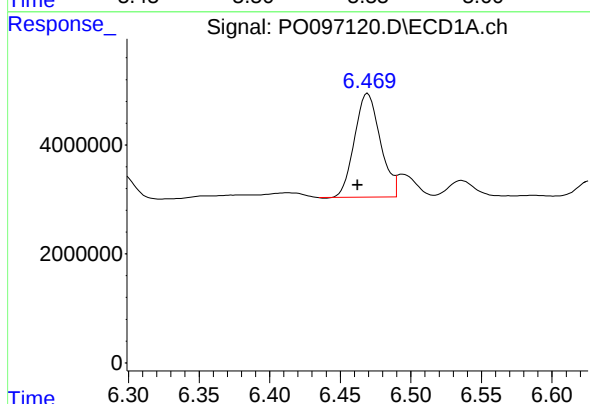
R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 3762017
Conc: 42.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



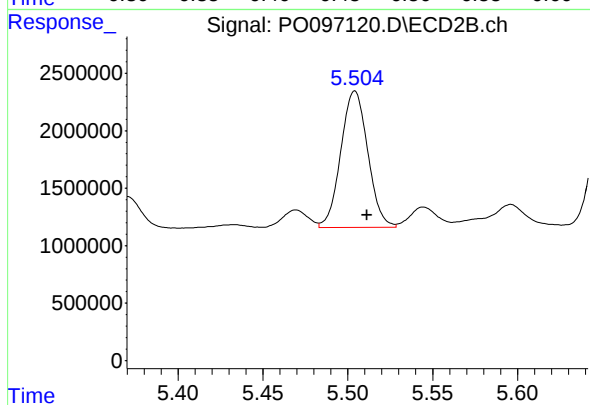
#25 AR-1248-5

R.T.: 5.544 min
Delta R.T.: -0.009 min
Response: 1993429
Conc: 42.64 ng/ml



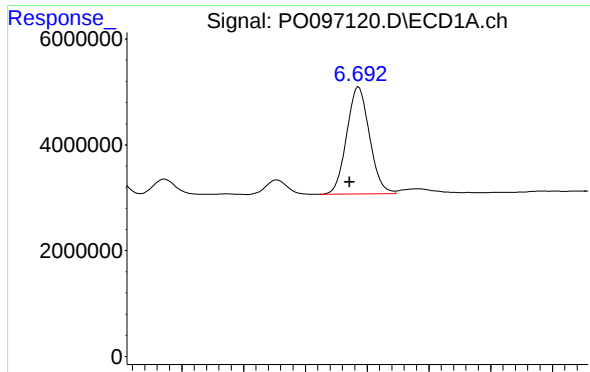
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.007 min
Response: 24271492
Conc: 222.08 ng/ml



#26 AR-1254-1

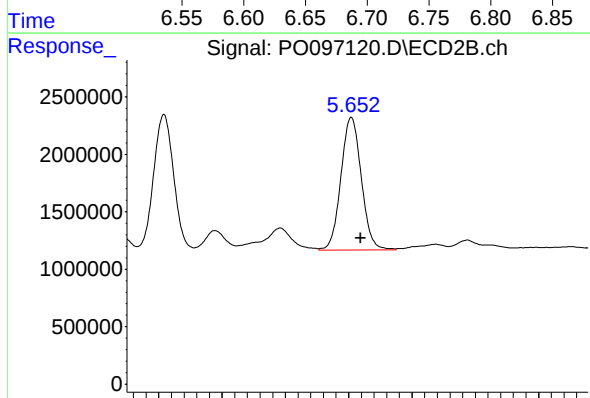
R.T.: 5.504 min
Delta R.T.: -0.007 min
Response: 13144449
Conc: 178.12 ng/ml



#27 AR-1254-2

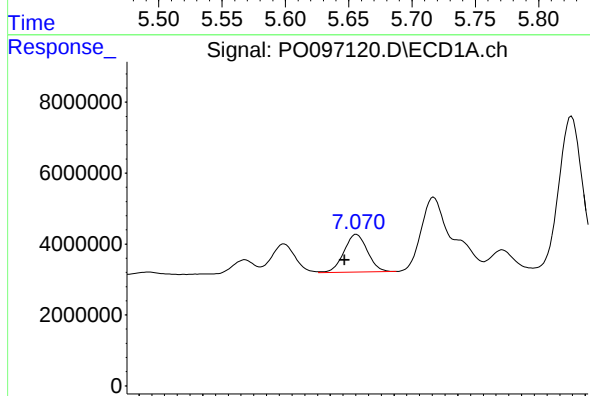
R.T.: 6.693 min
Delta R.T.: 0.007 min
Response: 25963733
Conc: 161.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



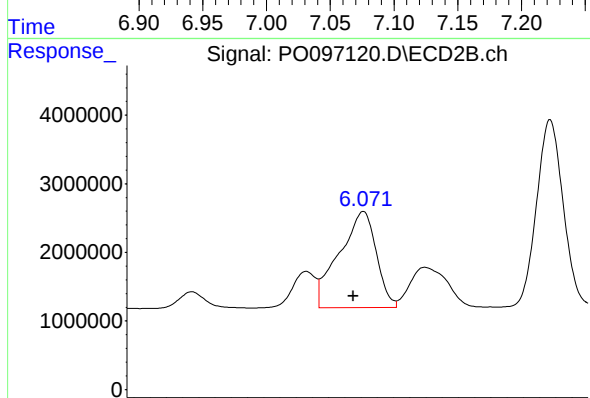
#27 AR-1254-2

R.T.: 5.652 min
Delta R.T.: -0.007 min
Response: 12941463
Conc: 196.44 ng/ml



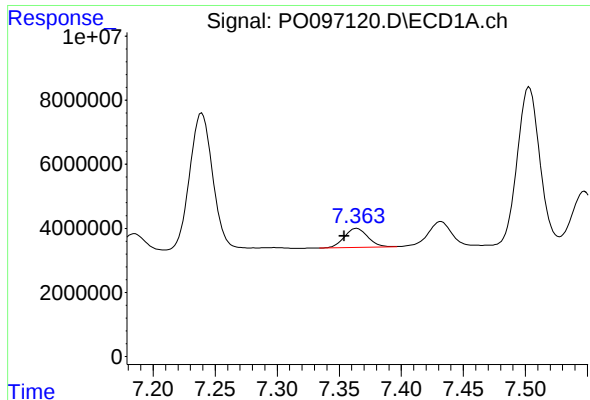
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: 0.009 min
Response: 13619071
Conc: 86.91 ng/ml



#28 AR-1254-3

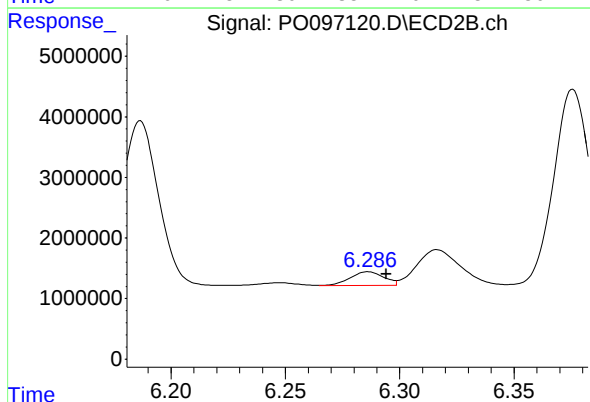
R.T.: 6.071 min
Delta R.T.: 0.006 min
Response: 22334337
Conc: 221.00 ng/ml



#29 AR-1254-4

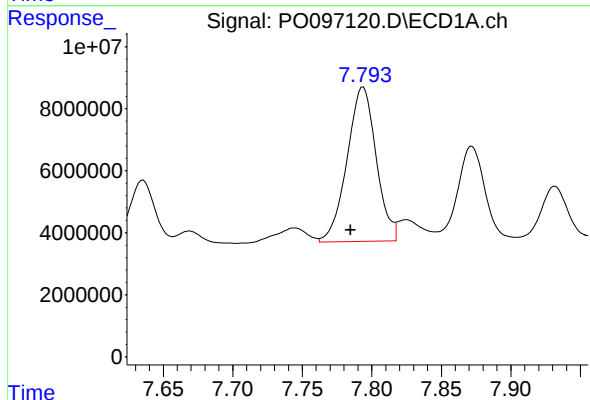
R.T.: 7.364 min
Delta R.T.: 0.010 min
Response: 7964555
Conc: 79.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



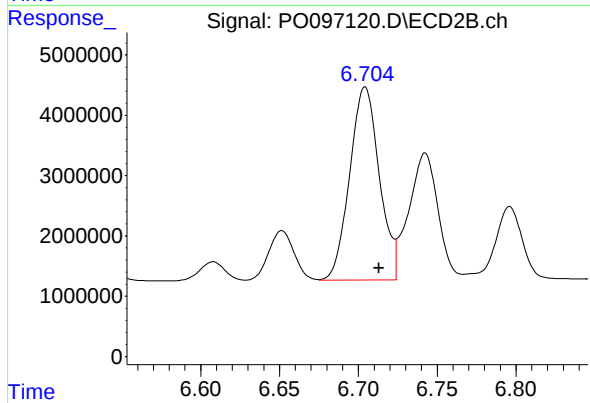
#29 AR-1254-4

R.T.: 6.286 min
Delta R.T.: -0.008 min
Response: 2300162
Conc: 39.74 ng/ml



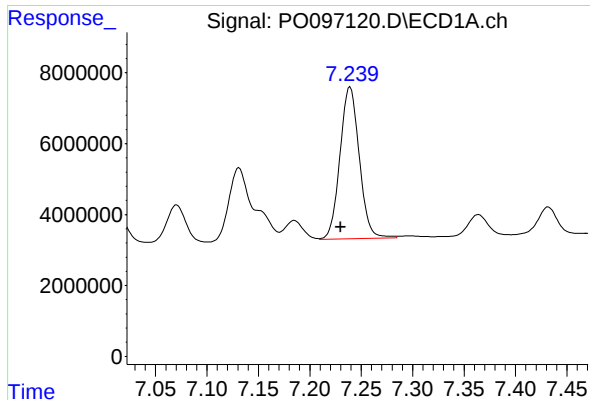
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: 0.009 min
Response: 72533905
Conc: 646.39 ng/ml



#30 AR-1254-5

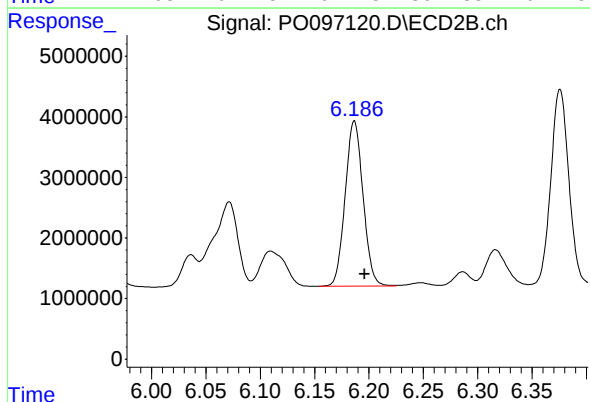
R.T.: 6.704 min
Delta R.T.: -0.009 min
Response: 41880870
Conc: 476.38 ng/ml



#31 AR-1260-1

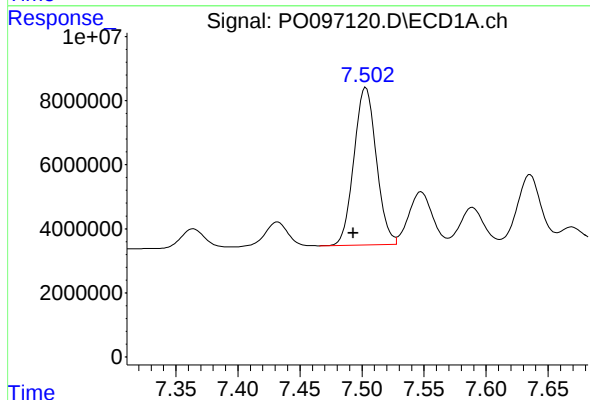
R.T.: 7.239 min
Delta R.T.: 0.009 min
Response: 55924277
Conc: 444.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



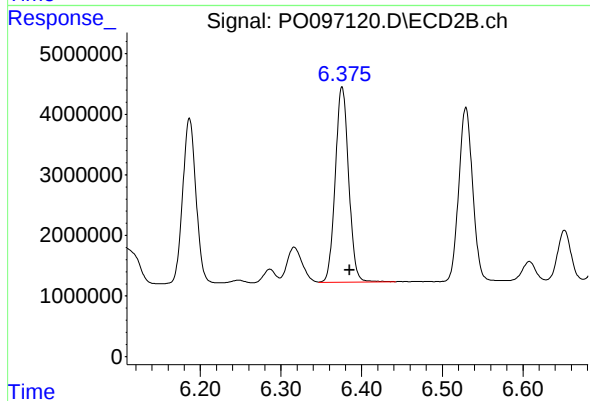
#31 AR-1260-1

R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 31149639
Conc: 442.67 ng/ml



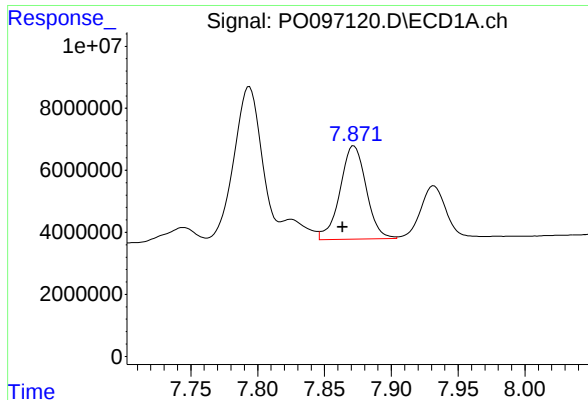
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.010 min
Response: 61775081
Conc: 458.49 ng/ml



#32 AR-1260-2

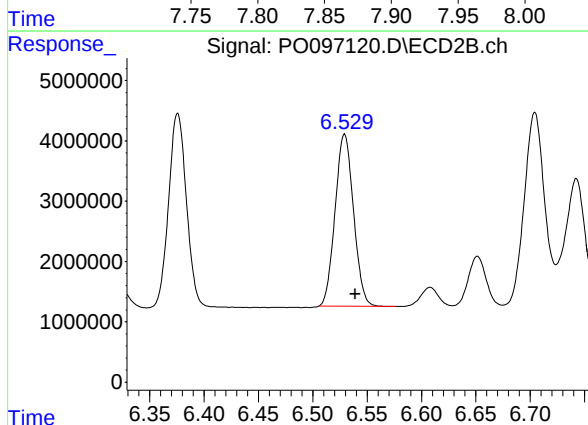
R.T.: 6.376 min
Delta R.T.: -0.010 min
Response: 37189217
Conc: 445.58 ng/ml



#33 AR-1260-3

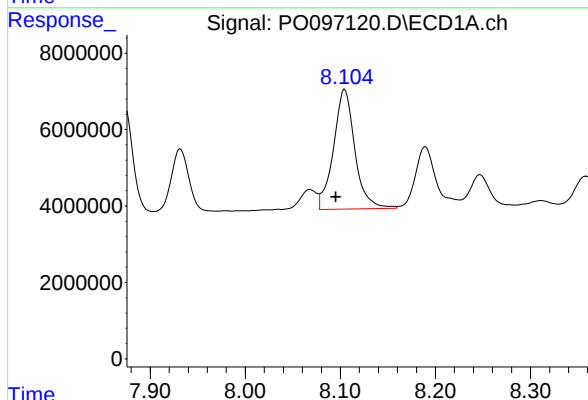
R.T.: 7.872 min
Delta R.T.: 0.008 min
Response: 40853962
Conc: 393.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



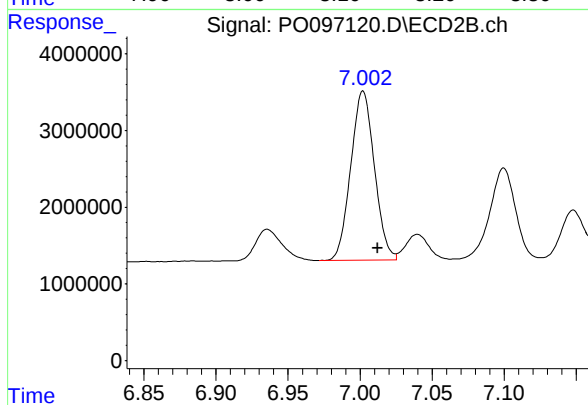
#33 AR-1260-3

R.T.: 6.529 min
Delta R.T.: -0.010 min
Response: 33692648
Conc: 436.32 ng/ml



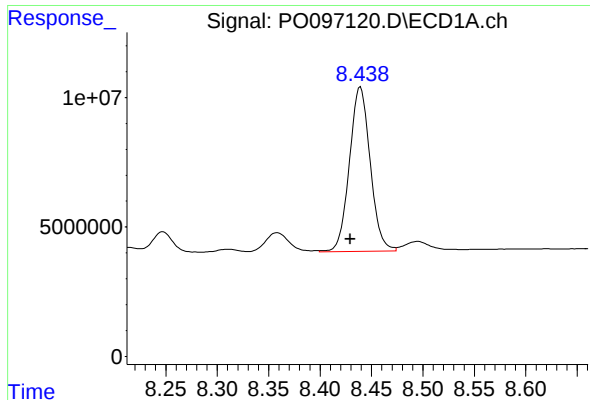
#34 AR-1260-4

R.T.: 8.105 min
Delta R.T.: 0.009 min
Response: 49196692
Conc: 440.03 ng/ml



#34 AR-1260-4

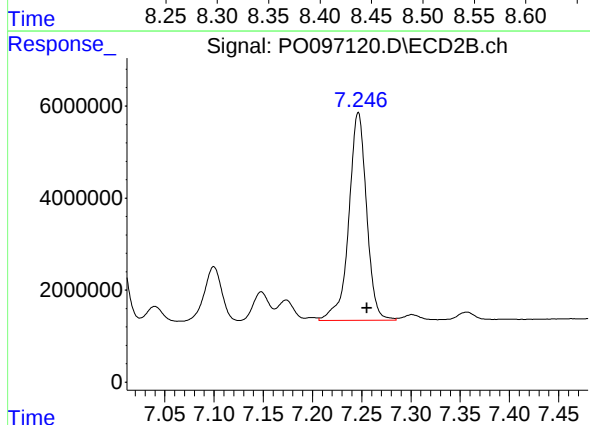
R.T.: 7.002 min
Delta R.T.: -0.010 min
Response: 25253016
Conc: 394.07 ng/ml



#35 AR-1260-5

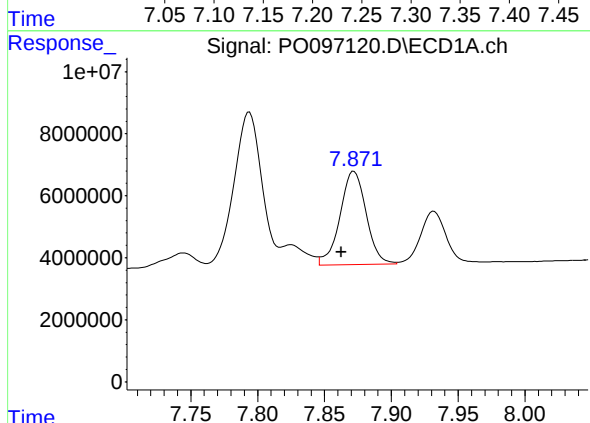
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 89193140
Conc: 424.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



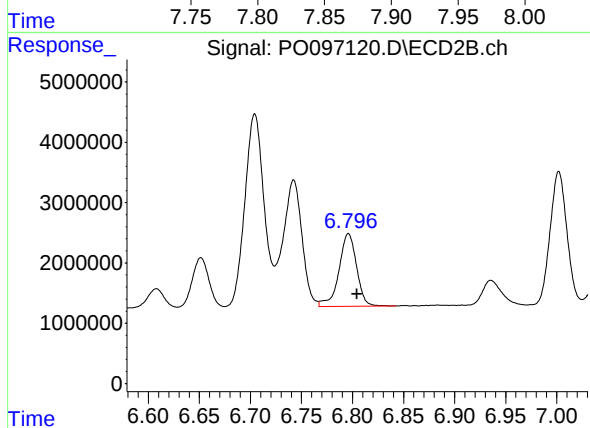
#35 AR-1260-5

R.T.: 7.247 min
Delta R.T.: -0.009 min
Response: 56855070
Conc: 410.11 ng/ml



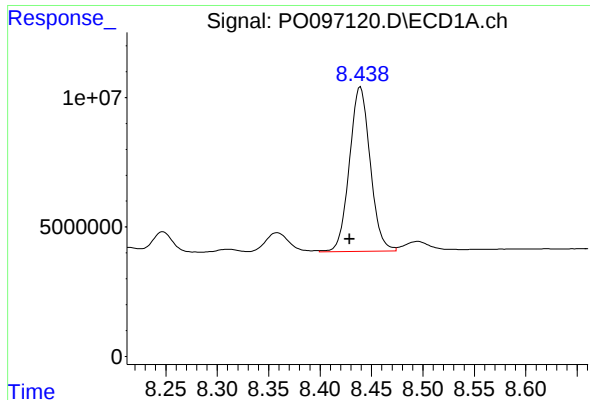
#36 AR-1262-1

R.T.: 7.872 min
Delta R.T.: 0.009 min
Response: 40853962
Conc: 275.06 ng/ml



#36 AR-1262-1

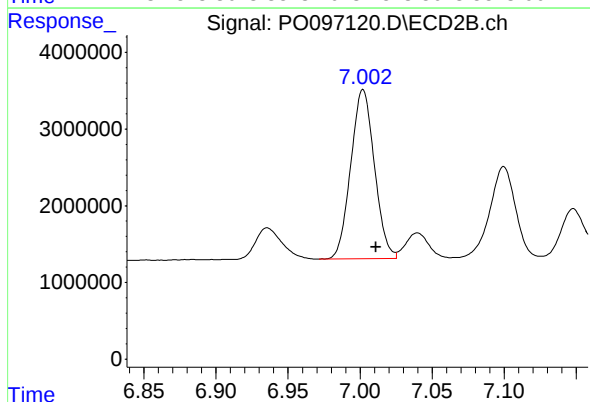
R.T.: 6.796 min
Delta R.T.: -0.008 min
Response: 14501751
Conc: 368.36 ng/ml



#37 AR-1262-2

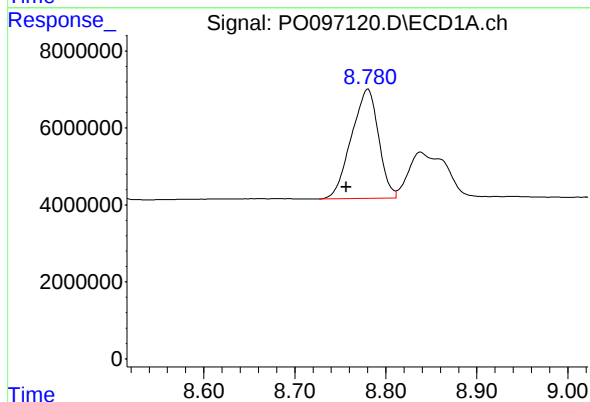
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 89193140
Conc: 385.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



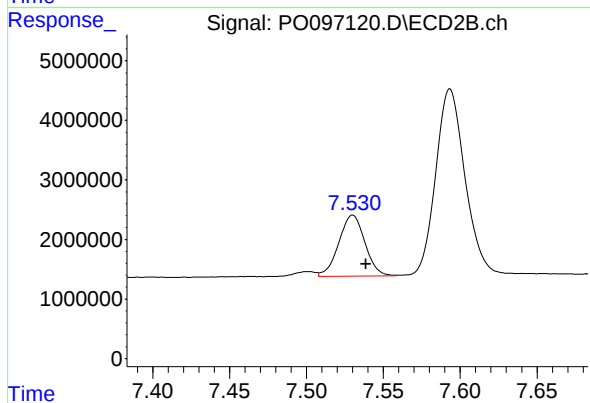
#37 AR-1262-2

R.T.: 7.002 min
Delta R.T.: -0.009 min
Response: 25253016
Conc: 311.36 ng/ml



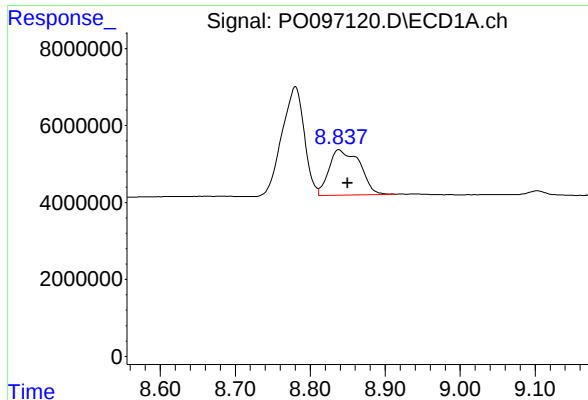
#38 AR-1262-3

R.T.: 8.781 min
Delta R.T.: 0.024 min
Response: 59027176
Conc: 353.88 ng/ml



#38 AR-1262-3

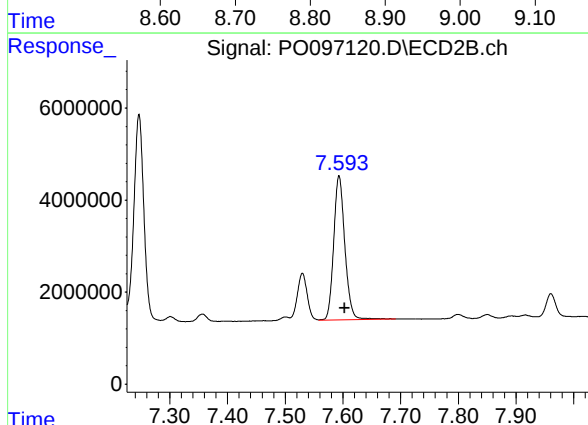
R.T.: 7.530 min
Delta R.T.: -0.009 min
Response: 12018042
Conc: 187.28 ng/ml



#39 AR-1262-4

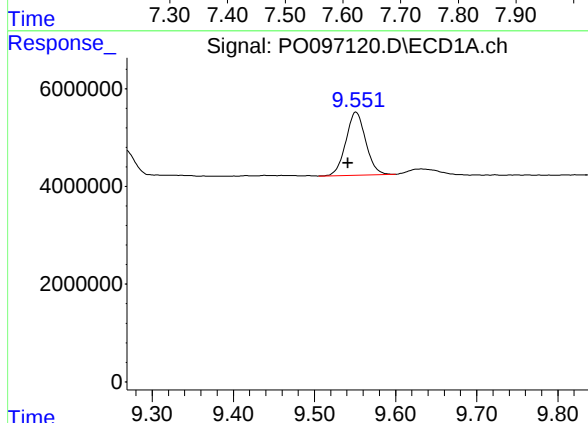
R.T.: 8.838 min
Delta R.T.: -0.011 min
Response: 33884263
Conc: 464.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



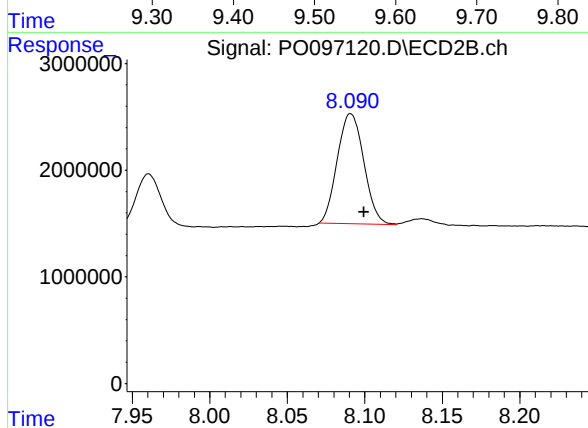
#39 AR-1262-4

R.T.: 7.593 min
Delta R.T.: -0.010 min
Response: 42157846
Conc: 371.11 ng/ml



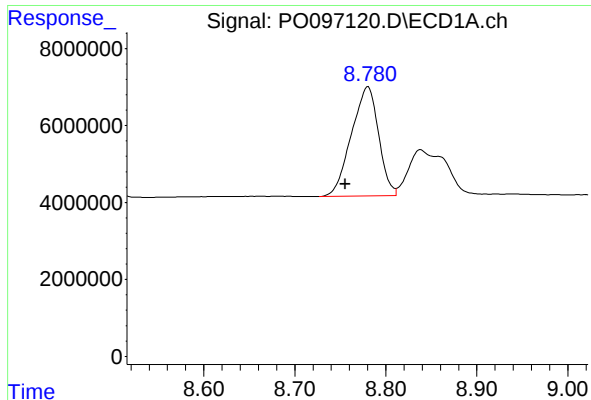
#40 AR-1262-5

R.T.: 9.551 min
Delta R.T.: 0.010 min
Response: 21859569
Conc: 262.49 ng/ml



#40 AR-1262-5

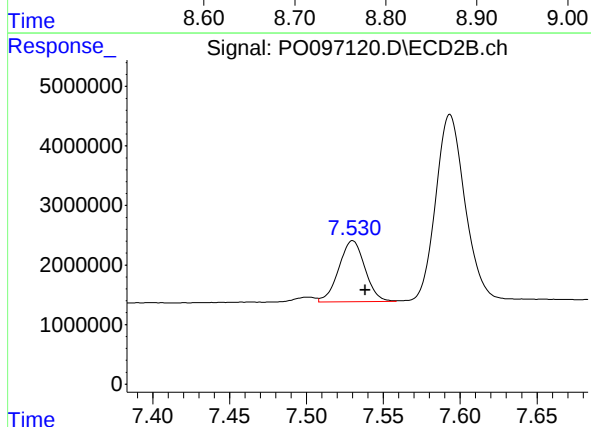
R.T.: 8.091 min
Delta R.T.: -0.008 min
Response: 12314166
Conc: 234.48 ng/ml



#41 AR-1268-1

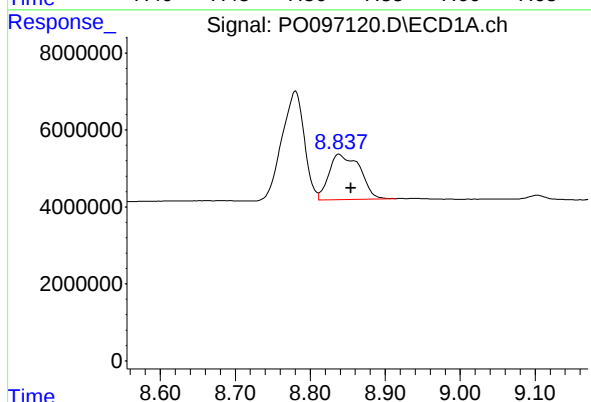
R.T.: 8.781 min
Delta R.T.: 0.025 min
Response: 59027176
Conc: 192.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



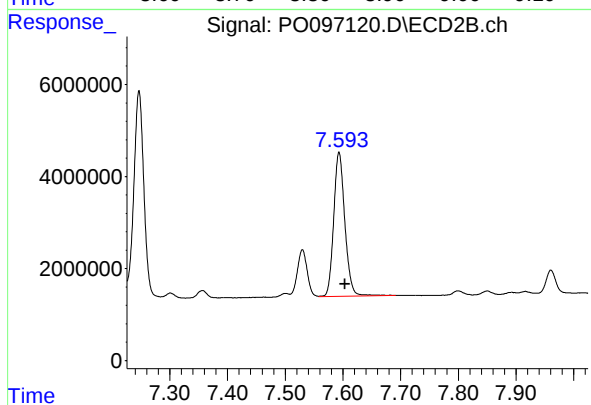
#41 AR-1268-1

R.T.: 7.530 min
Delta R.T.: -0.008 min
Response: 12018042
Conc: 64.86 ng/ml



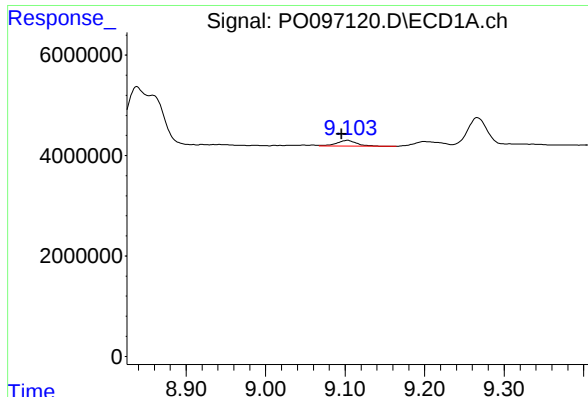
#42 AR-1268-2

R.T.: 8.838 min
Delta R.T.: -0.016 min
Response: 33884263
Conc: 123.58 ng/ml



#42 AR-1268-2

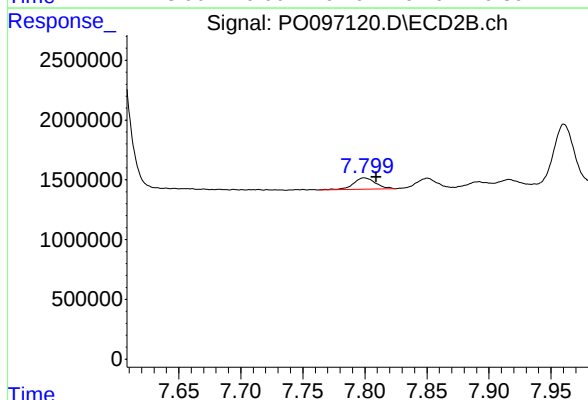
R.T.: 7.593 min
Delta R.T.: -0.010 min
Response: 42157846
Conc: 251.41 ng/ml



#43 AR-1268-3

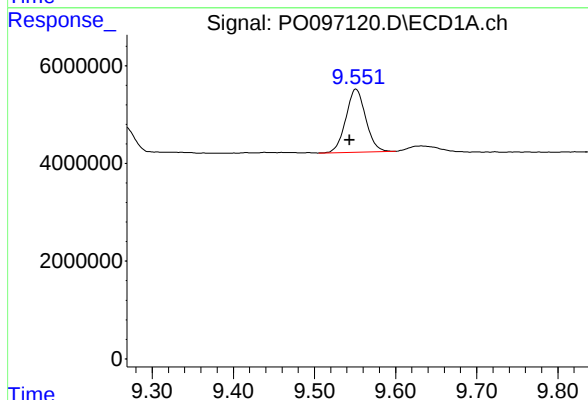
R.T.: 9.103 min
Delta R.T.: 0.007 min
Response: 2102449
Conc: 8.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



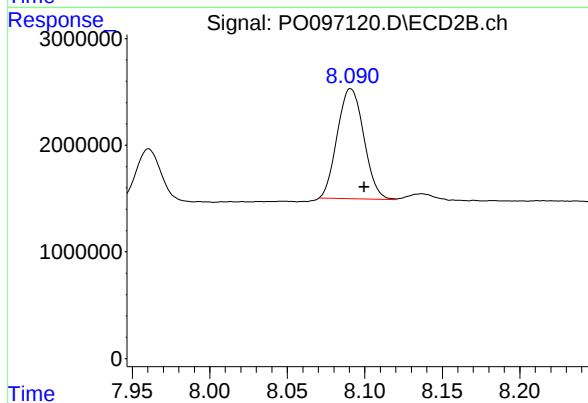
#43 AR-1268-3

R.T.: 7.800 min
Delta R.T.: -0.010 min
Response: 1152288
Conc: 7.98 ng/ml



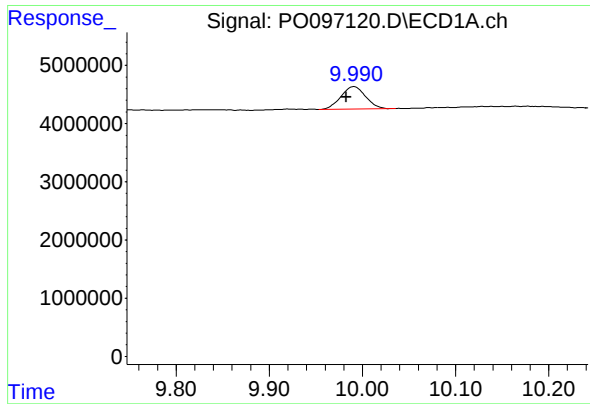
#44 AR-1268-4

R.T.: 9.551 min
Delta R.T.: 0.008 min
Response: 21859569
Conc: 235.78 ng/ml



#44 AR-1268-4

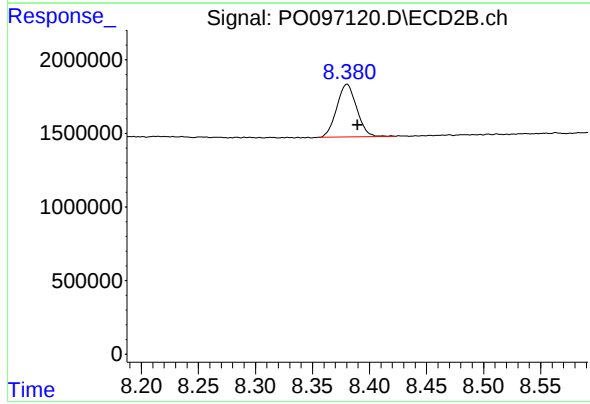
R.T.: 8.091 min
Delta R.T.: -0.009 min
Response: 12314166
Conc: 206.71 ng/ml



#45 AR-1268-5

R.T.: 9.991 min
Delta R.T.: 0.008 min
Response: 7162027
Conc: 8.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.380 min
Delta R.T.: -0.009 min
Response: 4367528
Conc: 10.50 ng/ml