

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081523\
 Data File : P0097121.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 02:40
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 05:46:39 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...	4.409	3.615	172.6E6	66096954	52.152	49.930
2) SA Decachlor...	10.348	8.631	113.6E6	54338939	51.934	46.968
Target Compounds						
3) L1 AR-1016-1	5.595	4.699	50606046	22262403	537.313	502.129
4) L1 AR-1016-2	5.618	4.718	71736418	31267735	536.249	511.155
5) L1 AR-1016-3	5.681	4.894	45088733	16056245	518.136	491.491
6) L1 AR-1016-4	5.782	4.937	36034004	13525164	536.457	473.133
7) L1 AR-1016-5	6.082	5.150	36875782	18477974	528.178	480.616
8) L2 AR-1221-1	4.616	3.827	6452237	2473720	158.317	142.520
9) L2 AR-1221-2	4.708	3.914	9548563	3644268	314.306	282.048
10) L2 AR-1221-3	4.785	3.989	32116532	13123626	366.914	330.620
11) L3 AR-1232-1	4.785	3.989	32116532	13123626	440.354	405.712
12) L3 AR-1232-2	5.322	4.718	42946735	31267735	1083.257	1083.708
13) L3 AR-1232-3	5.618	4.894	71736418	16056245	1172.688	1058.989
14) L3 AR-1232-4	5.782	4.978	36034004	17037729	1180.907	1140.055
15) L3 AR-1232-5	5.874	5.150	33205426	18477974	1186.621	1130.374
16) L4 AR-1242-1	5.595	4.699	50606046	22262403	603.769	564.678
17) L4 AR-1242-2	5.618	4.718	71736418	31267735	609.165	573.816
18) L4 AR-1242-3	5.681	4.894	45088733	16056245	610.359	543.017
19) L4 AR-1242-4	5.782	4.978	36034004	17037729	605.305	540.642
20) L4 AR-1242-5	6.536	5.503	9625041	17680350	174.938	485.241 #
21) L5 AR-1248-1	5.595	4.699	50606046	22262403	863.672	793.314
22) L5 AR-1248-2	5.874	4.937	33205426	13525164	353.183	319.133
23) L5 AR-1248-3	6.082	4.978	36875782	17037729	377.019	388.412
24) L5 AR-1248-4	6.495	5.150	10668947	18477974	117.443	361.959 #
25) L5 AR-1248-5	6.536	5.543	9625041	4615593	109.269	98.725
26) L6 AR-1254-1	6.469	5.503	30965882	17680350	283.335	239.583
27) L6 AR-1254-2	6.692	5.651	26550342	13221427	164.676	200.689
28) L6 AR-1254-3	7.070	6.070	11808515	23682479	75.359	234.335 #
29) L6 AR-1254-4	7.363	6.284	6818459	1769803	67.631	30.580 #
30) L6 AR-1254-5	7.793	6.703	76618378	42824664	682.786	487.114 #
31) L7 AR-1260-1	7.239	6.186	62234666	34495309	495.152	490.213
32) L7 AR-1260-2	7.503	6.375	69221206	40909622	513.758	490.152
33) L7 AR-1260-3	7.872	6.528	52409875	36818728	505.038	476.805
34) L7 AR-1260-4	8.104	7.002	58426810	31318056	522.584	488.717
35) L7 AR-1260-5	8.439	7.245	111.2E6	68724367	529.734	495.725
36) L8 AR-1262-1	7.872	6.796	52409875	17588611	352.864	446.766 #
37) L8 AR-1262-2	8.439	7.002	111.2E6	31318056	480.557	386.142
38) L8 AR-1262-3	8.779	7.529	71083121	16344582	426.161	254.695 #
39) L8 AR-1262-4	8.841	7.592	25740991	49726198	353.066	437.728
40) L8 AR-1262-5	9.551	8.090	30840178	16329936	370.328	310.940
41) L9 AR-1268-1	8.779	7.529	71083121	16344582	231.237	88.211 #

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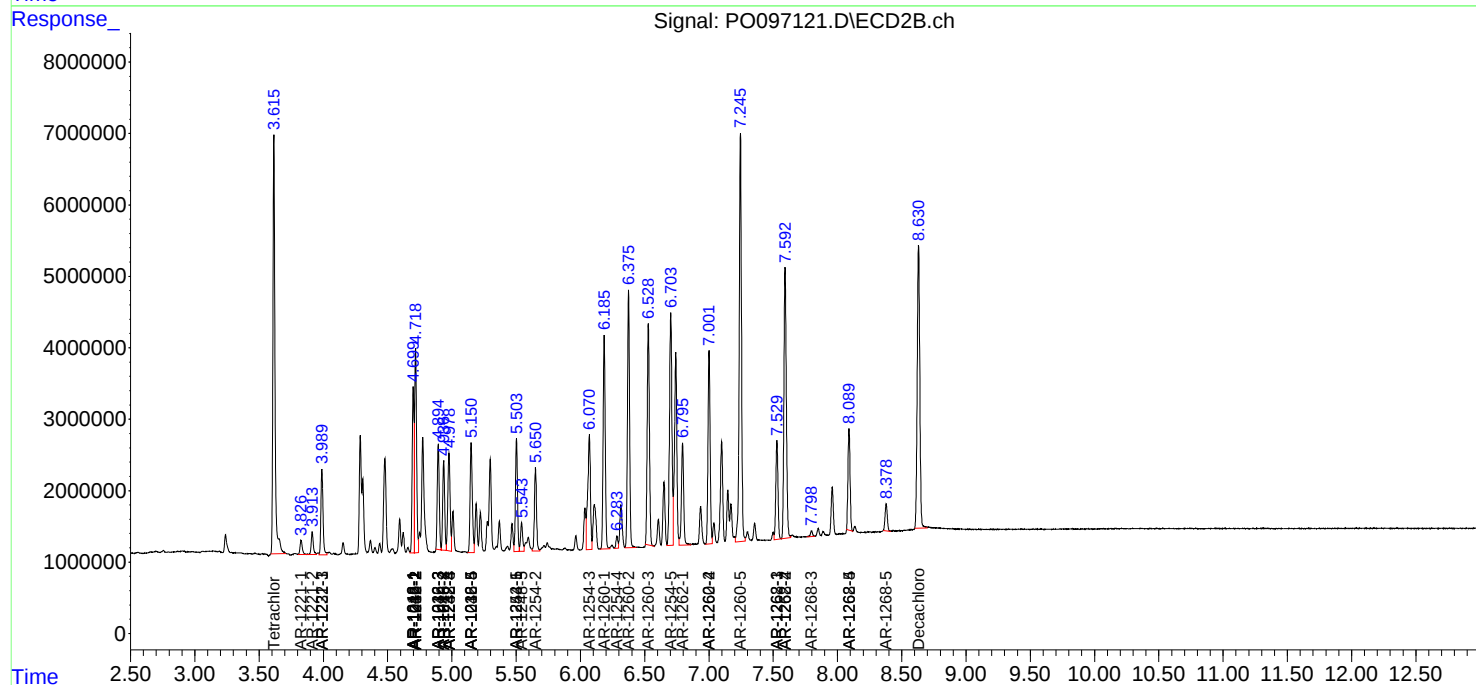
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

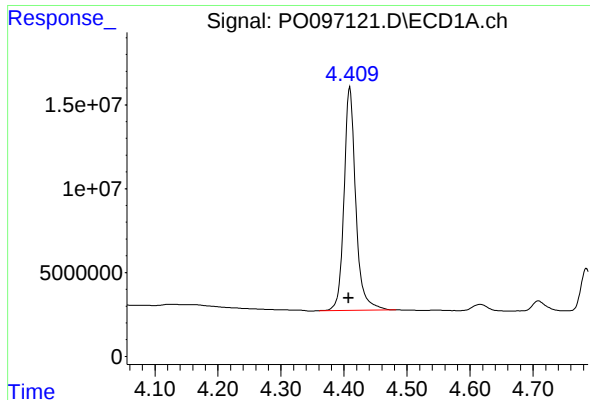
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.860	7.592	19268459	49726198	70.273	296.541 #
43) L9	AR-1268-3	9.105	7.798	1752447	913144	6.862	6.320
44) L9	AR-1268-4	9.551	8.090	30840178	16329936	332.641	274.116
45) L9	AR-1268-5	9.990	8.379	9126953	4638119	11.299	11.151

(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

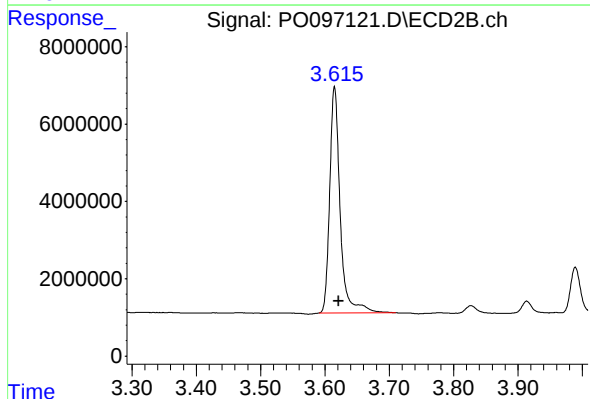




#1 Tetrachloro-m-xylene

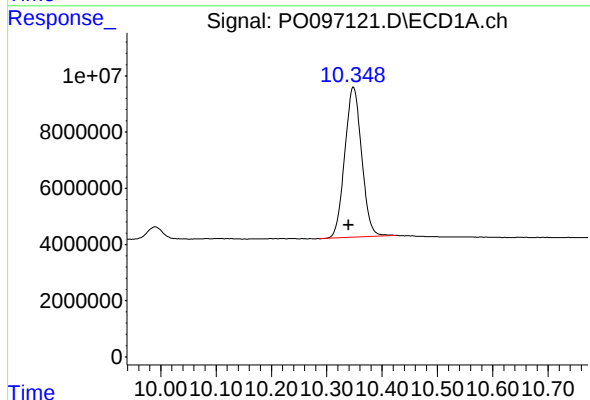
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 172632868
Conc: 52.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



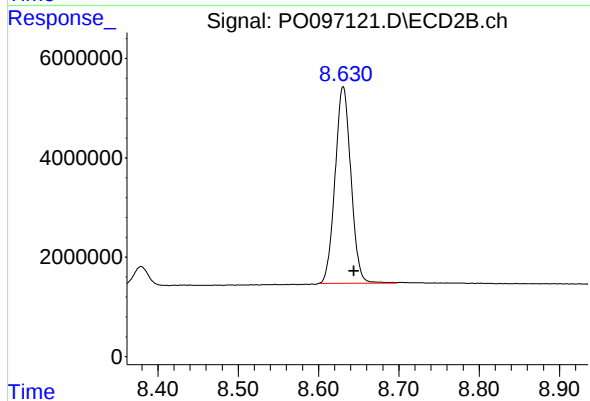
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.006 min
Response: 66096954
Conc: 49.93 ng/ml



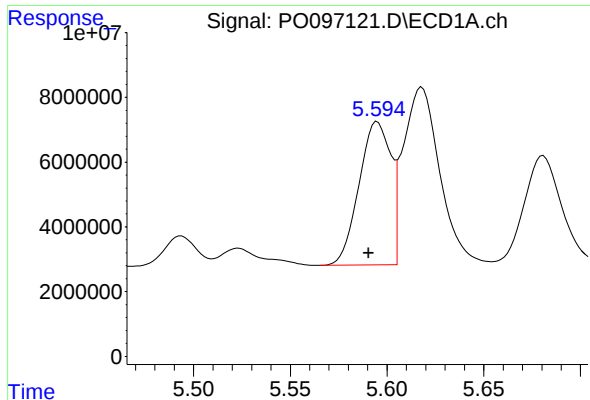
#2 Decachlorobiphenyl

R.T.: 10.348 min
Delta R.T.: 0.009 min
Response: 113641759
Conc: 51.93 ng/ml



#2 Decachlorobiphenyl

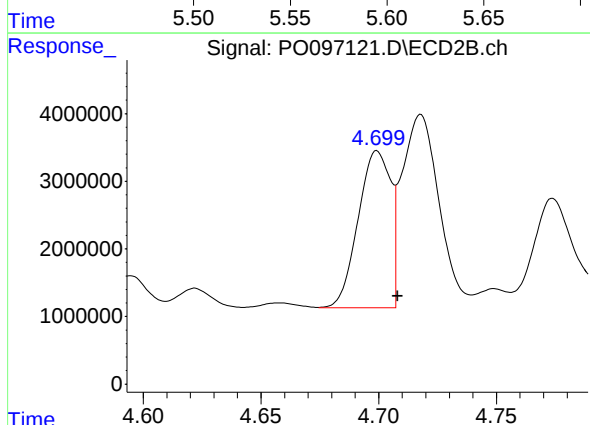
R.T.: 8.631 min
Delta R.T.: -0.014 min
Response: 54338939
Conc: 46.97 ng/ml



#3 AR-1016-1

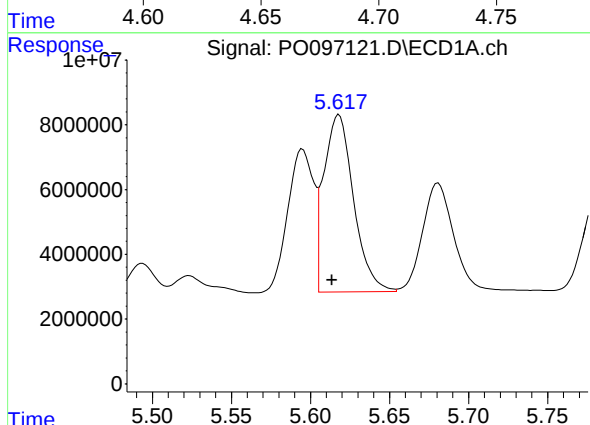
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 50606046
Conc: 537.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



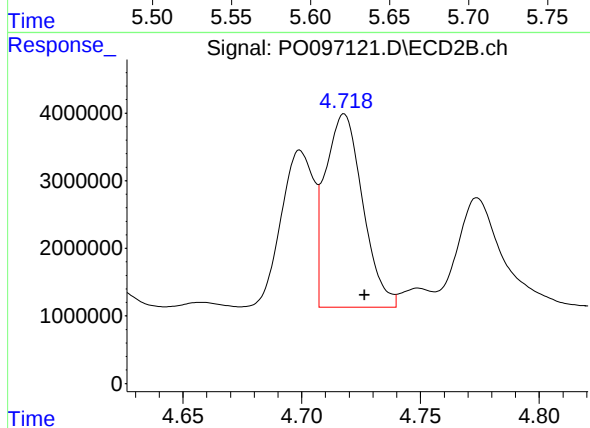
#3 AR-1016-1

R.T.: 4.699 min
Delta R.T.: -0.009 min
Response: 22262403
Conc: 502.13 ng/ml



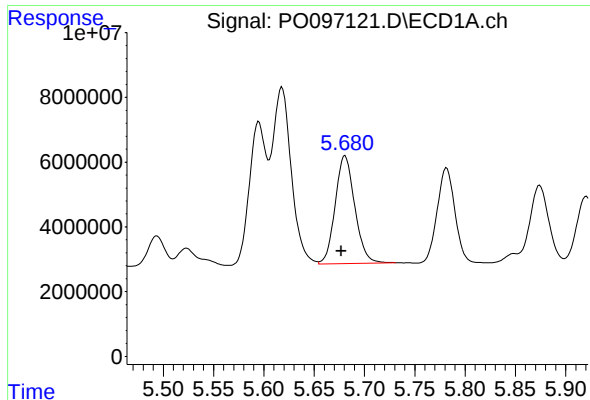
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.004 min
Response: 71736418
Conc: 536.25 ng/ml



#4 AR-1016-2

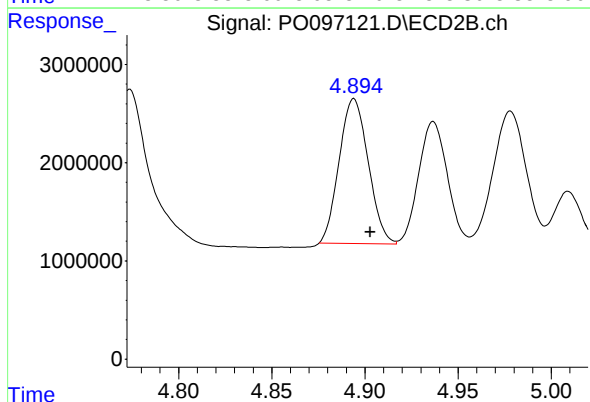
R.T.: 4.718 min
Delta R.T.: -0.009 min
Response: 31267735
Conc: 511.15 ng/ml



#5 AR-1016-3

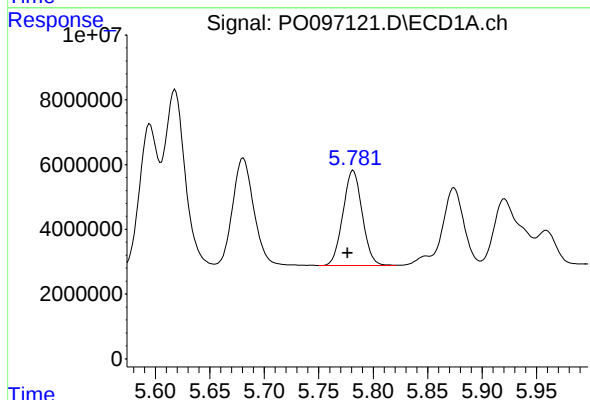
R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 45088733
Conc: 518.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



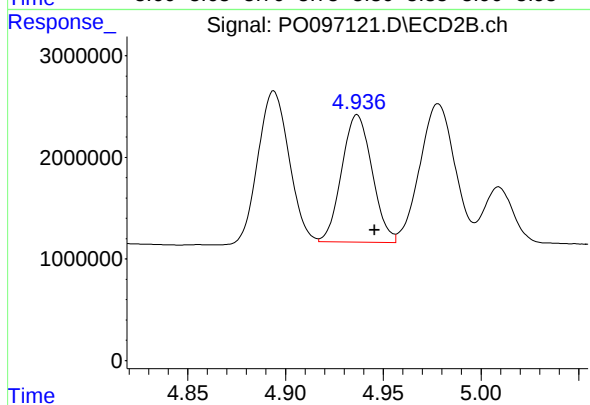
#5 AR-1016-3

R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 16056245
Conc: 491.49 ng/ml



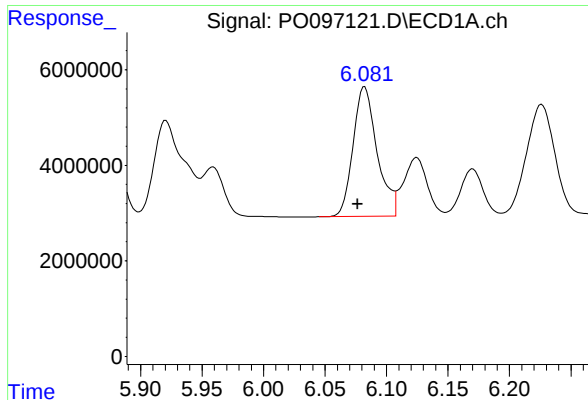
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 36034004
Conc: 536.46 ng/ml



#6 AR-1016-4

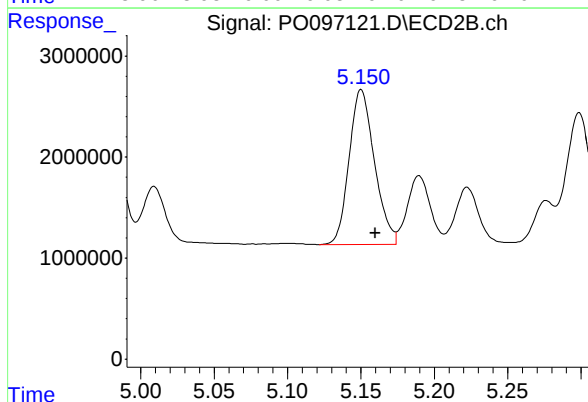
R.T.: 4.937 min
Delta R.T.: -0.009 min
Response: 13525164
Conc: 473.13 ng/ml



#7 AR-1016-5

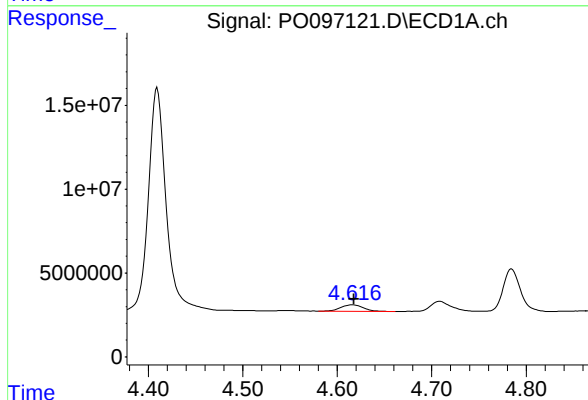
R.T.: 6.082 min
Delta R.T.: 0.006 min
Response: 36875782
Conc: 528.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



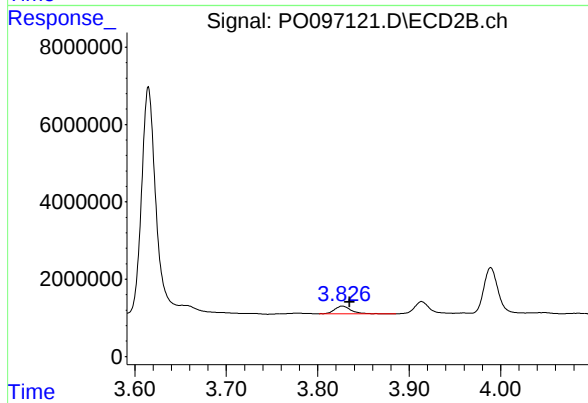
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.010 min
Response: 18477974
Conc: 480.62 ng/ml



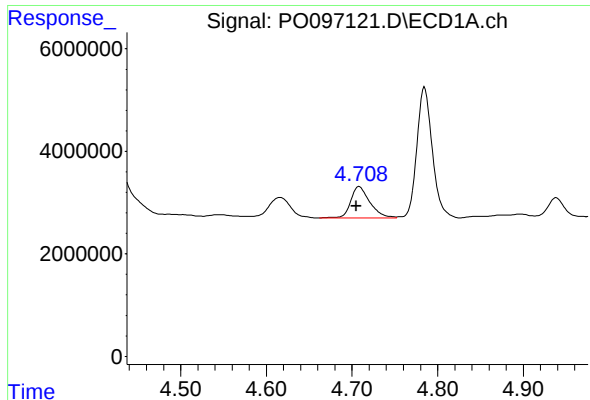
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.001 min
Response: 6452237
Conc: 158.32 ng/ml



#8 AR-1221-1

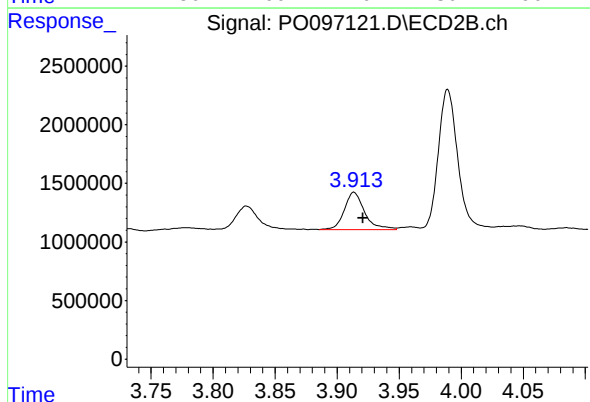
R.T.: 3.827 min
Delta R.T.: -0.008 min
Response: 2473720
Conc: 142.52 ng/ml



#9 AR-1221-2

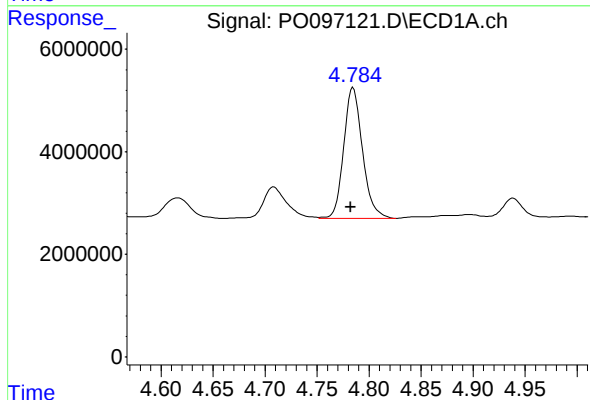
R.T.: 4.708 min
Delta R.T.: 0.003 min
Response: 9548563
Conc: 314.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



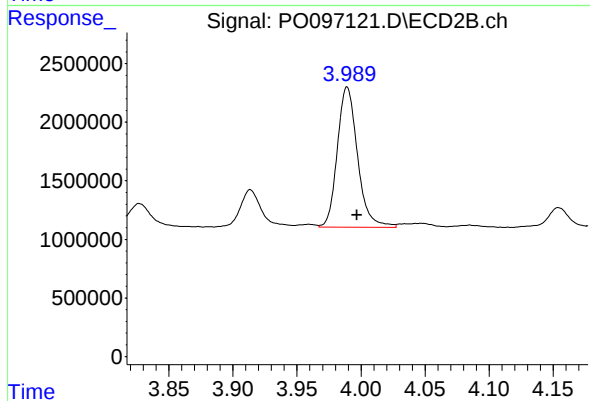
#9 AR-1221-2

R.T.: 3.914 min
Delta R.T.: -0.007 min
Response: 3644268
Conc: 282.05 ng/ml



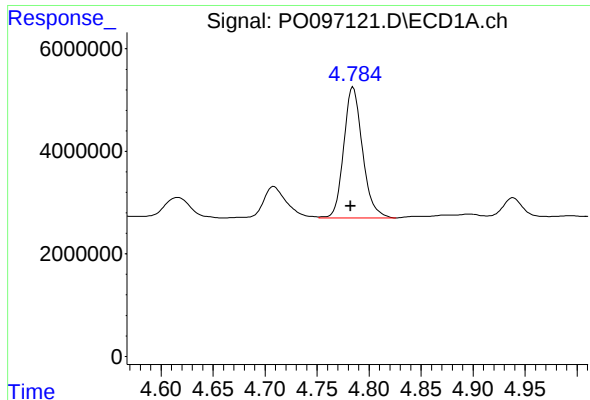
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 32116532
Conc: 366.91 ng/ml



#10 AR-1221-3

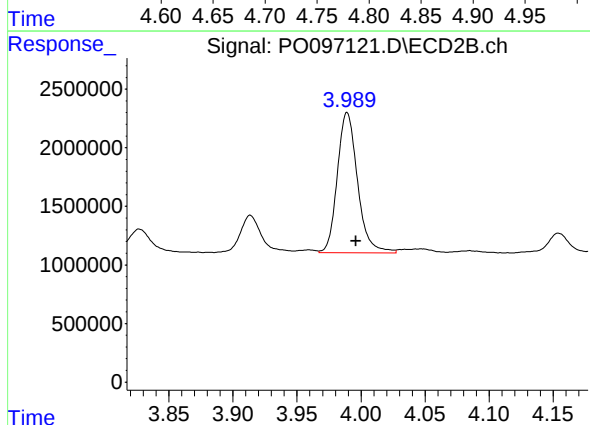
R.T.: 3.989 min
Delta R.T.: -0.008 min
Response: 13123626
Conc: 330.62 ng/ml



#11 AR-1232-1

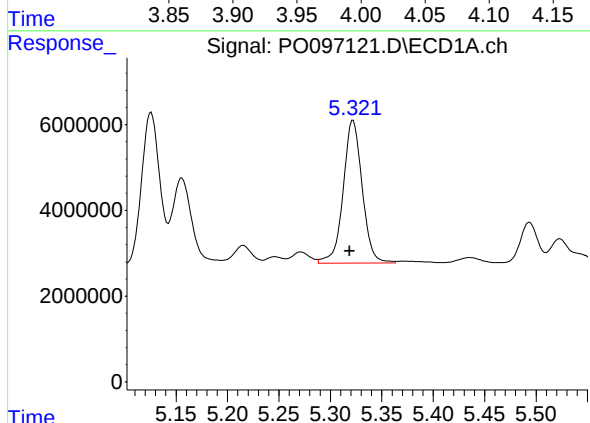
R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 32116532
Conc: 440.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



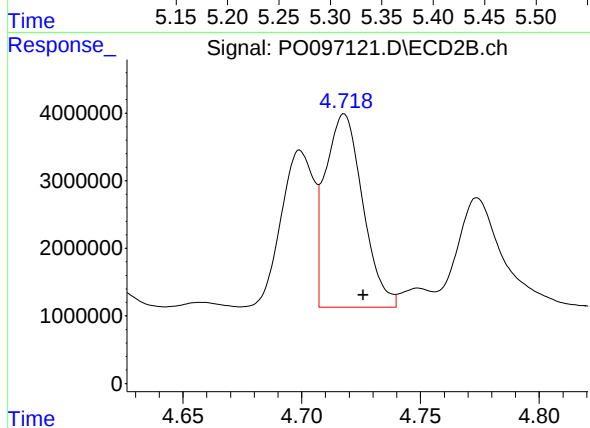
#11 AR-1232-1

R.T.: 3.989 min
Delta R.T.: -0.007 min
Response: 13123626
Conc: 405.71 ng/ml



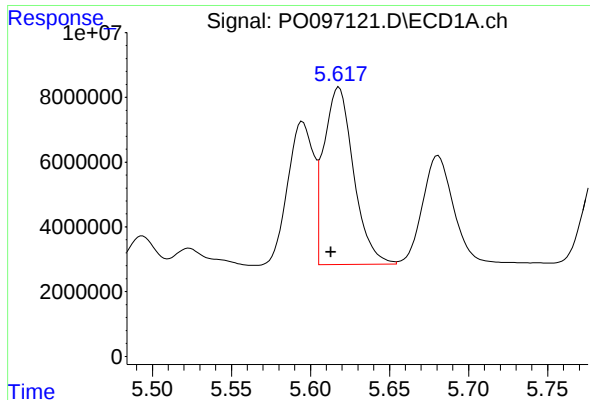
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: 0.003 min
Response: 42946735
Conc: 1083.26 ng/ml



#12 AR-1232-2

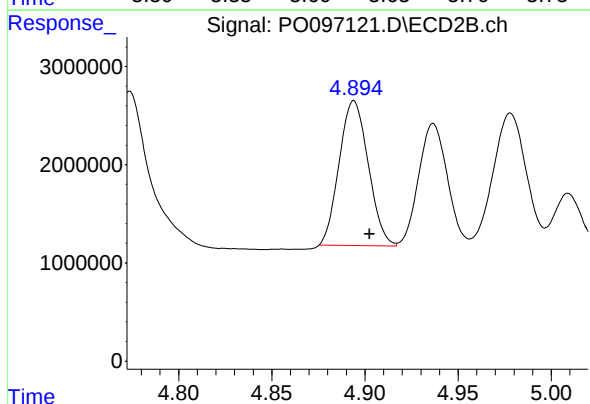
R.T.: 4.718 min
Delta R.T.: -0.008 min
Response: 31267735
Conc: 1083.71 ng/ml



#13 AR-1232-3

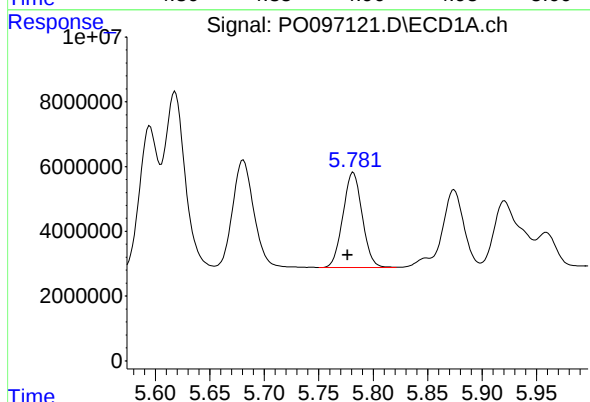
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 71736418
Conc: 1172.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



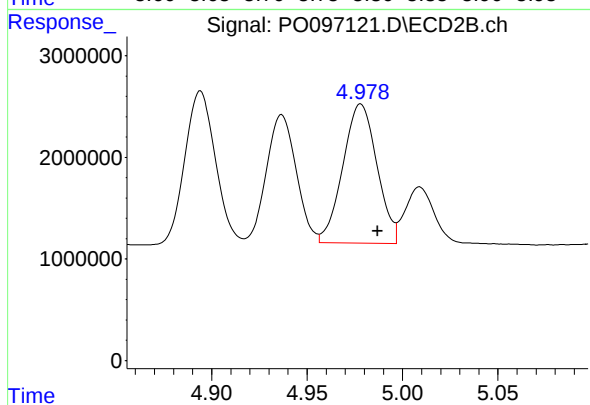
#13 AR-1232-3

R.T.: 4.894 min
Delta R.T.: -0.008 min
Response: 16056245
Conc: 1058.99 ng/ml



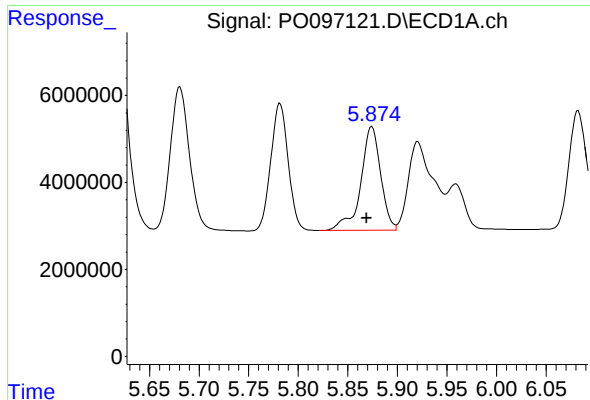
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 36034004
Conc: 1180.91 ng/ml



#14 AR-1232-4

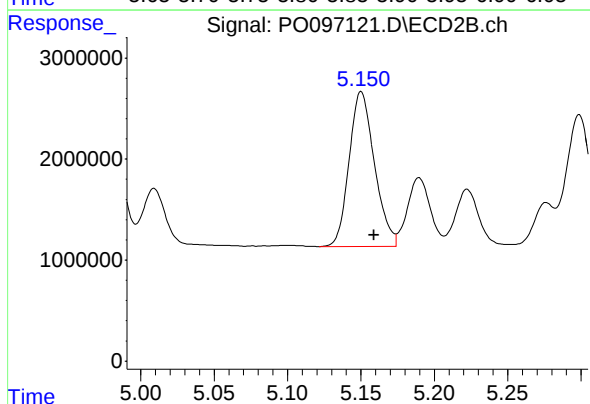
R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 17037729
Conc: 1140.05 ng/ml



#15 AR-1232-5

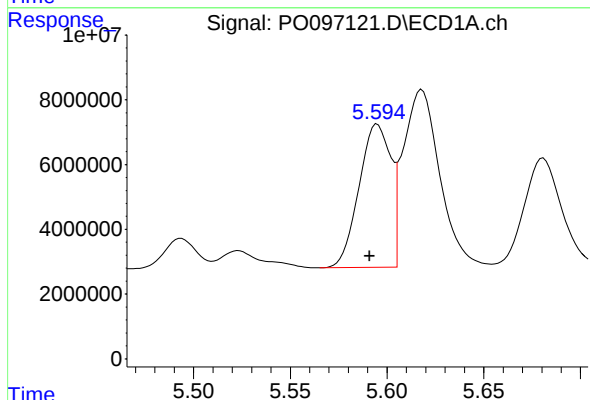
R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 33205426
Conc: 1186.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



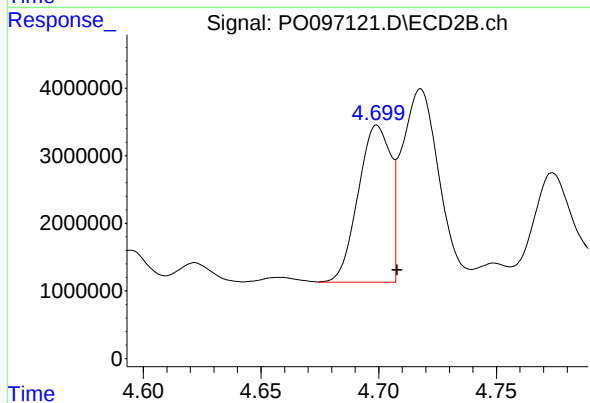
#15 AR-1232-5

R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 18477974
Conc: 1130.37 ng/ml



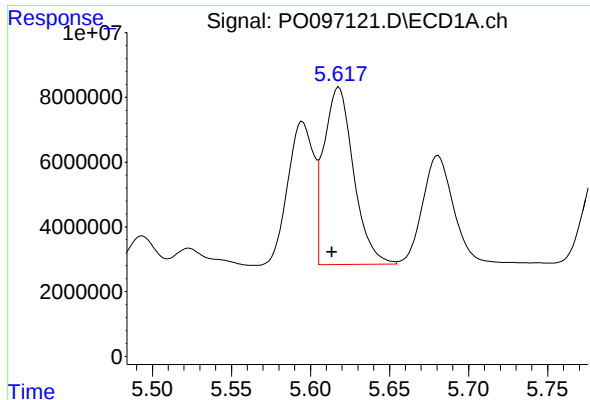
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 50606046
Conc: 603.77 ng/ml



#16 AR-1242-1

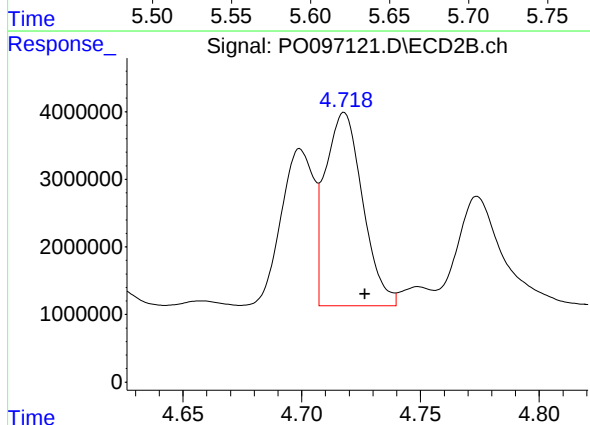
R.T.: 4.699 min
Delta R.T.: -0.009 min
Response: 22262403
Conc: 564.68 ng/ml



#17 AR-1242-2

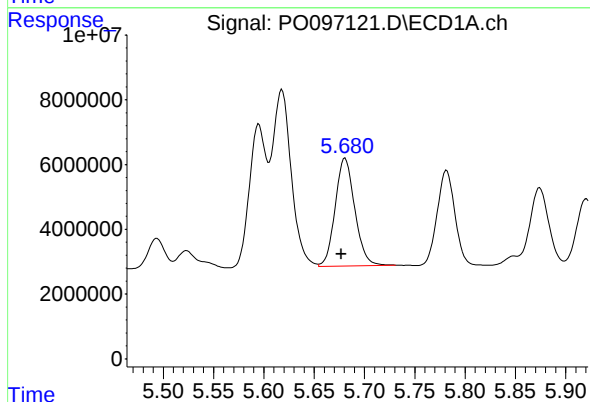
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 71736418
Conc: 609.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



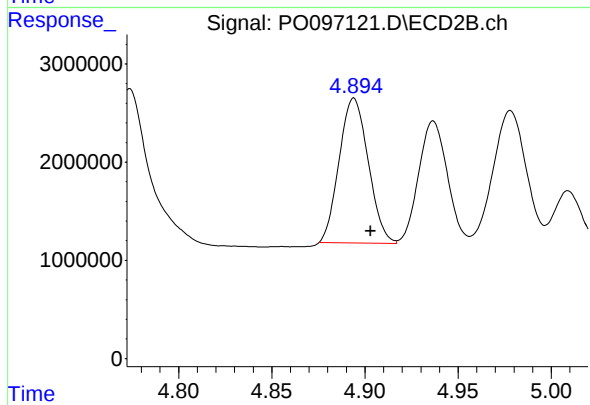
#17 AR-1242-2

R.T.: 4.718 min
Delta R.T.: -0.009 min
Response: 31267735
Conc: 573.82 ng/ml



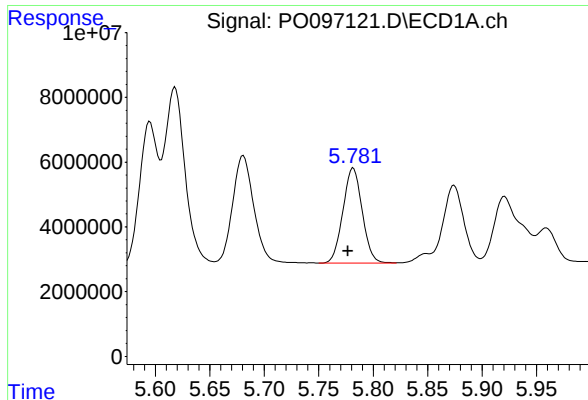
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 45088733
Conc: 610.36 ng/ml



#18 AR-1242-3

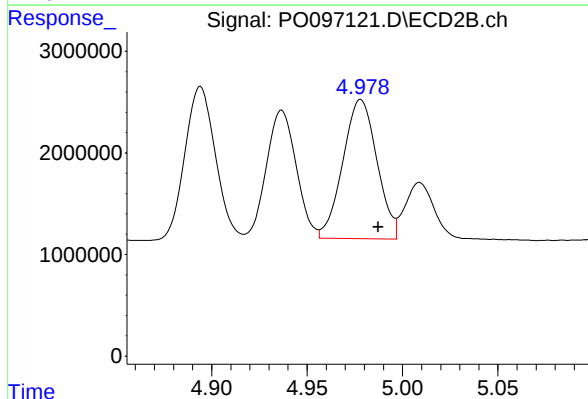
R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 16056245
Conc: 543.02 ng/ml



#19 AR-1242-4

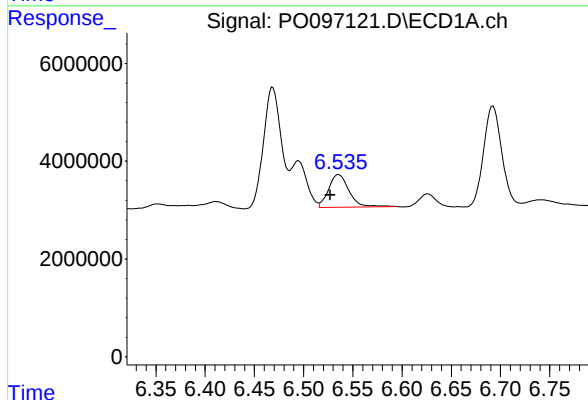
R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 36034004
Conc: 605.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



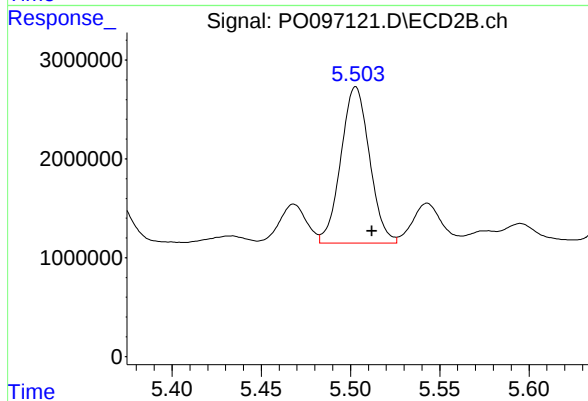
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 17037729
Conc: 540.64 ng/ml



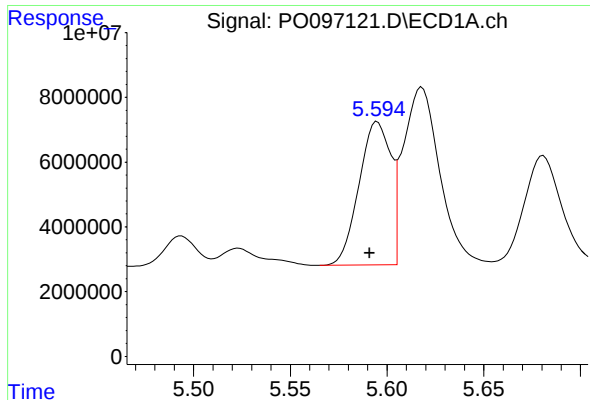
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 9625041
Conc: 174.94 ng/ml



#20 AR-1242-5

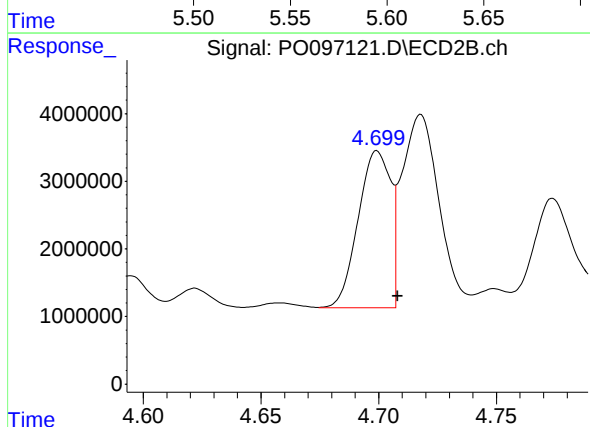
R.T.: 5.503 min
Delta R.T.: -0.009 min
Response: 17680350
Conc: 485.24 ng/ml



#21 AR-1248-1

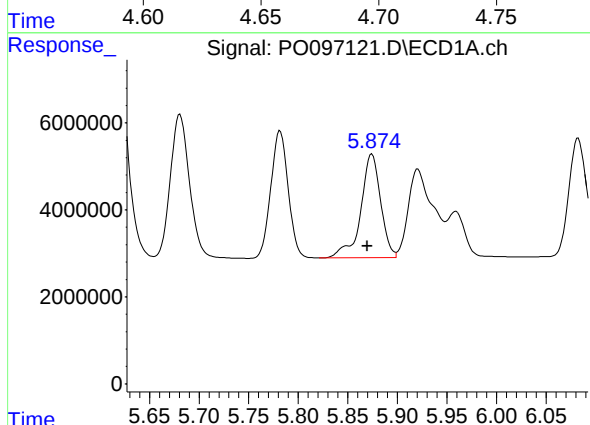
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 50606046
Conc: 863.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



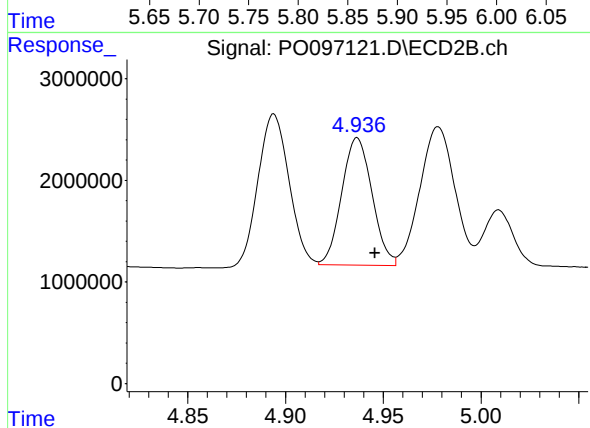
#21 AR-1248-1

R.T.: 4.699 min
Delta R.T.: -0.009 min
Response: 22262403
Conc: 793.31 ng/ml



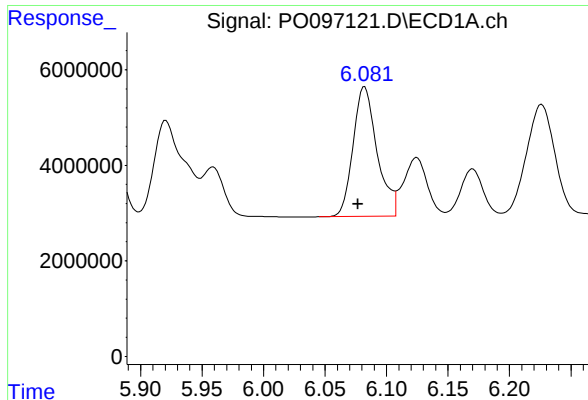
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 33205426
Conc: 353.18 ng/ml



#22 AR-1248-2

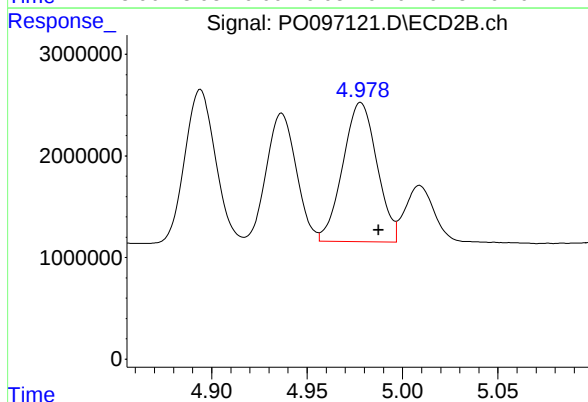
R.T.: 4.937 min
Delta R.T.: -0.009 min
Response: 13525164
Conc: 319.13 ng/ml



#23 AR-1248-3

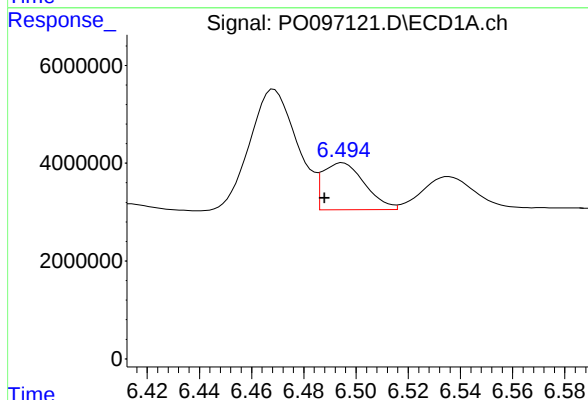
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 36875782
Conc: 377.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



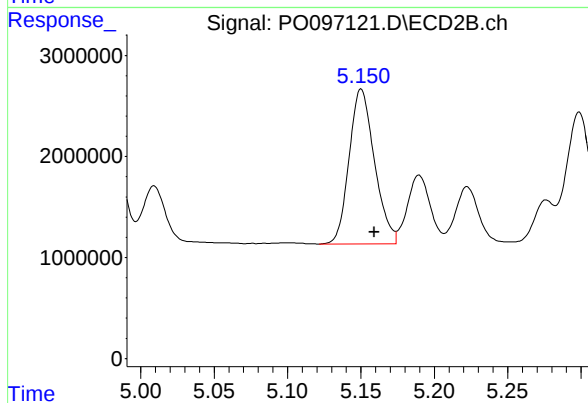
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 17037729
Conc: 388.41 ng/ml



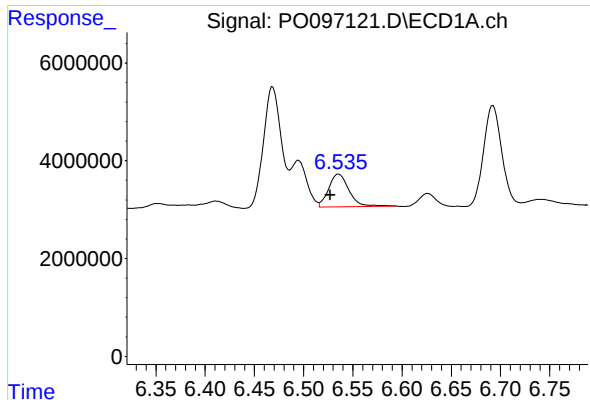
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: 0.007 min
Response: 10668947
Conc: 117.44 ng/ml



#24 AR-1248-4

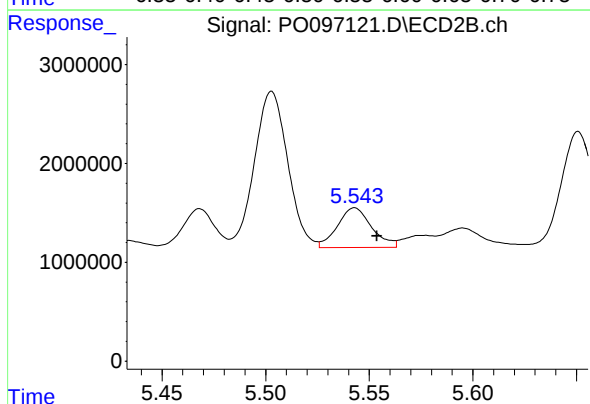
R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 18477974
Conc: 361.96 ng/ml



#25 AR-1248-5

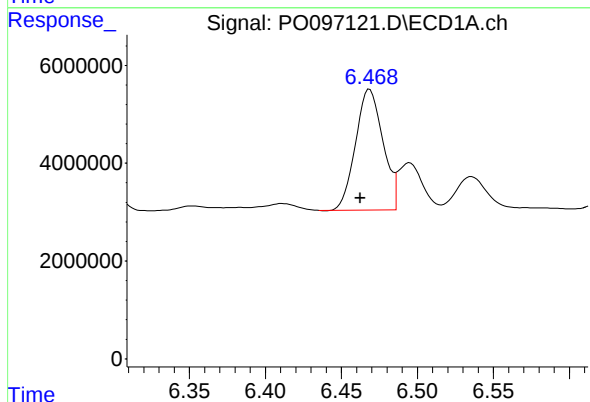
R.T.: 6.536 min
Delta R.T.: 0.008 min
Response: 9625041
Conc: 109.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



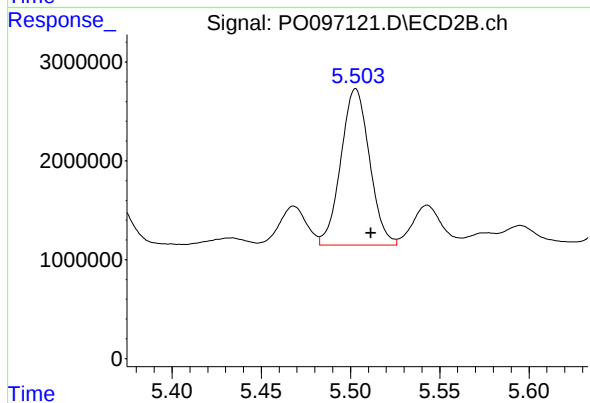
#25 AR-1248-5

R.T.: 5.543 min
Delta R.T.: -0.011 min
Response: 4615593
Conc: 98.73 ng/ml



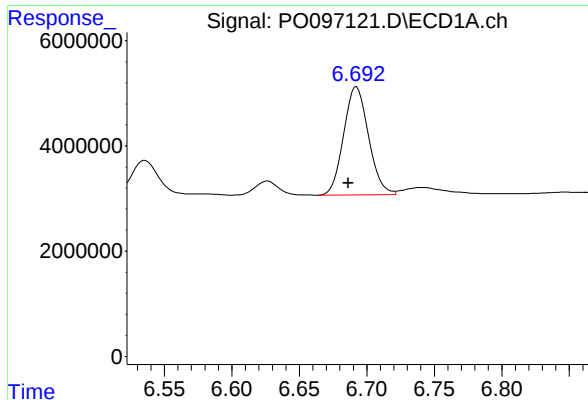
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.006 min
Response: 30965882
Conc: 283.34 ng/ml



#26 AR-1254-1

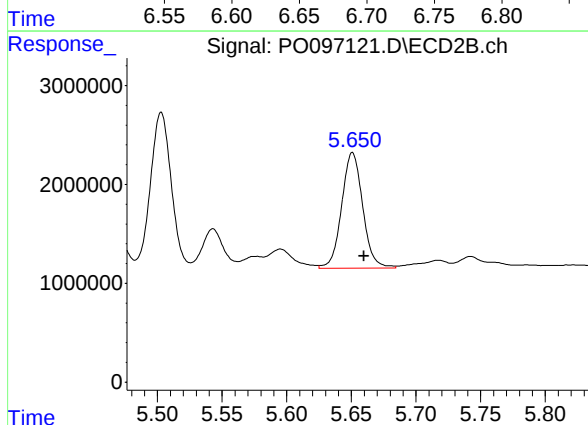
R.T.: 5.503 min
Delta R.T.: -0.009 min
Response: 17680350
Conc: 239.58 ng/ml



#27 AR-1254-2

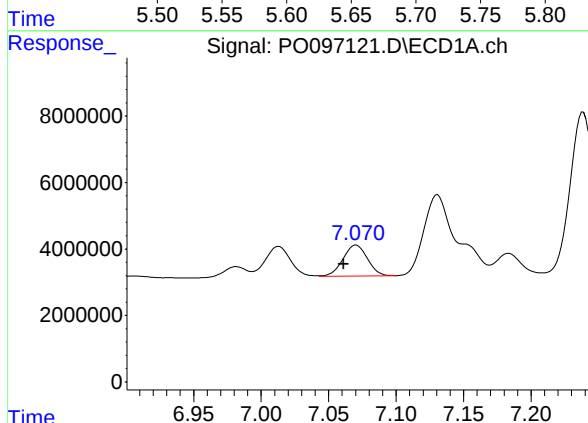
R.T.: 6.692 min
Delta R.T.: 0.006 min
Response: 26550342
Conc: 164.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



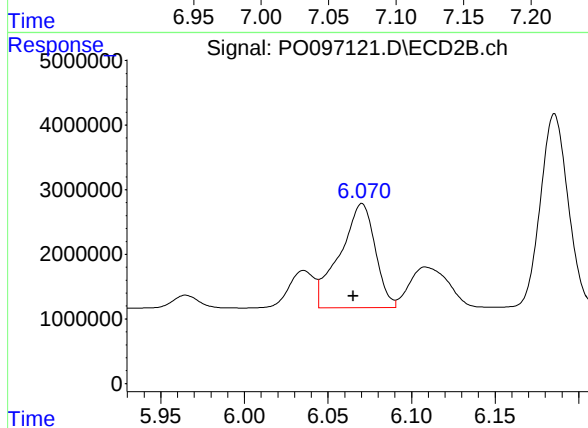
#27 AR-1254-2

R.T.: 5.651 min
Delta R.T.: -0.009 min
Response: 13221427
Conc: 200.69 ng/ml



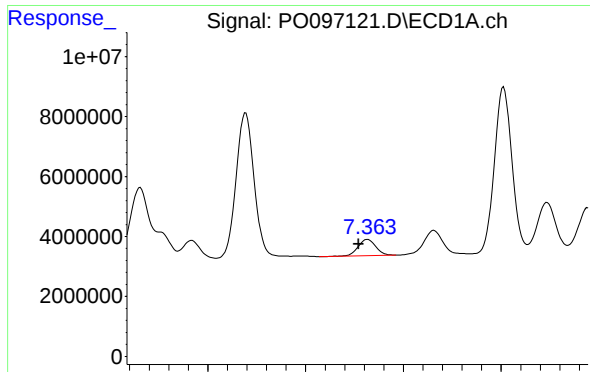
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 11808515
Conc: 75.36 ng/ml



#28 AR-1254-3

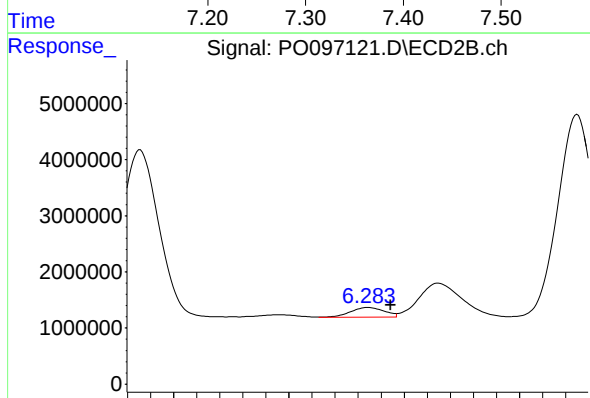
R.T.: 6.070 min
Delta R.T.: 0.005 min
Response: 23682479
Conc: 234.33 ng/ml



#29 AR-1254-4

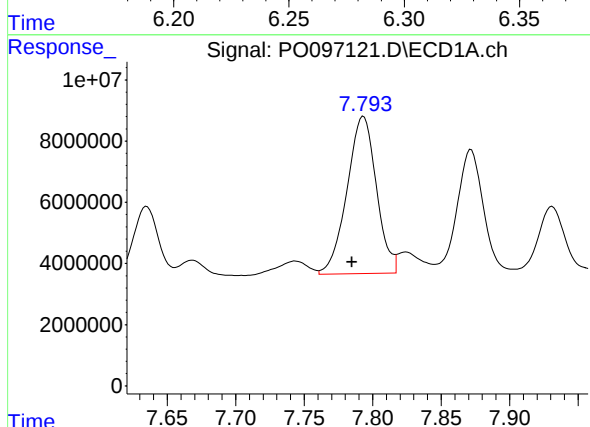
R.T.: 7.363 min
Delta R.T.: 0.009 min
Response: 6818459
Conc: 67.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



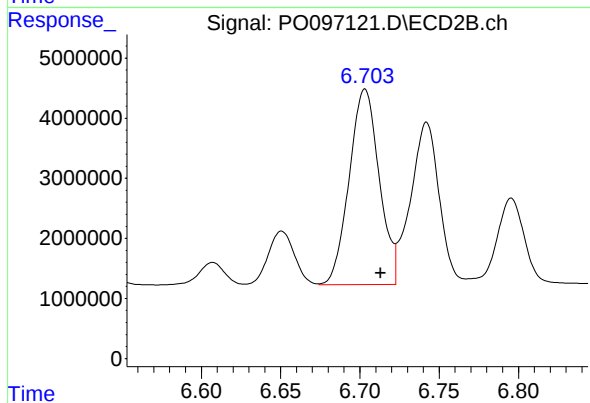
#29 AR-1254-4

R.T.: 6.284 min
Delta R.T.: -0.010 min
Response: 1769803
Conc: 30.58 ng/ml



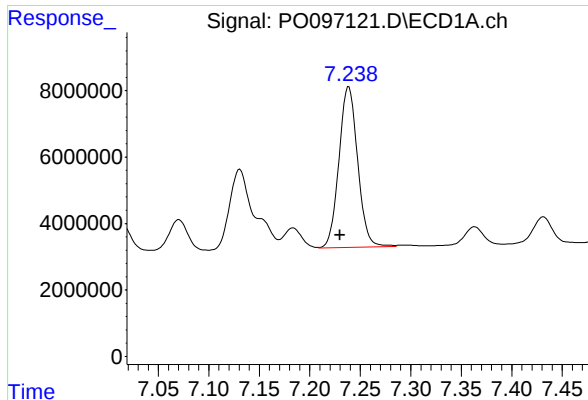
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.008 min
Response: 76618378
Conc: 682.79 ng/ml



#30 AR-1254-5

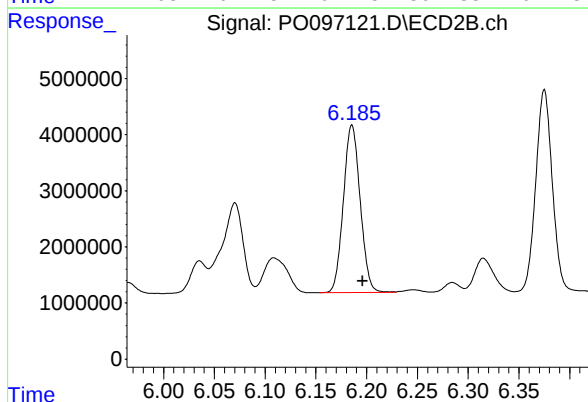
R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 42824664
Conc: 487.11 ng/ml



#31 AR-1260-1

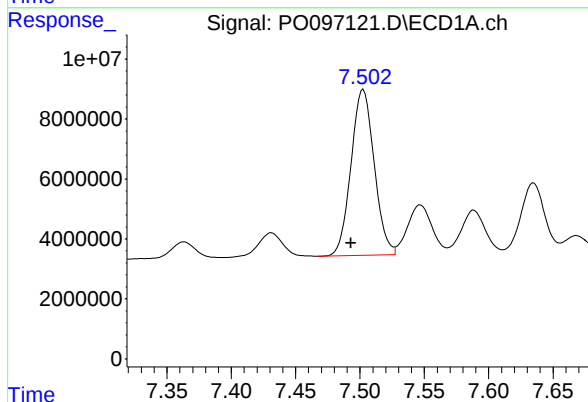
R.T.: 7.239 min
Delta R.T.: 0.009 min
Response: 62234666
Conc: 495.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



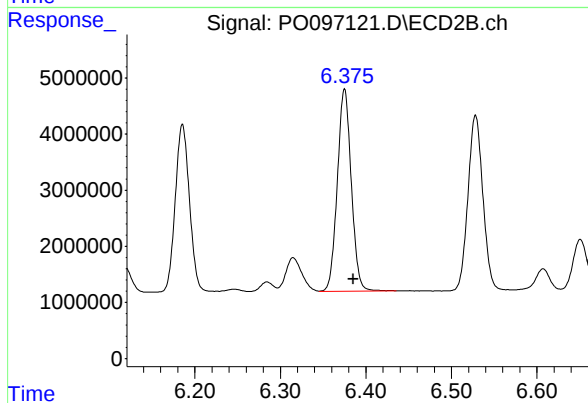
#31 AR-1260-1

R.T.: 6.186 min
Delta R.T.: -0.010 min
Response: 34495309
Conc: 490.21 ng/ml



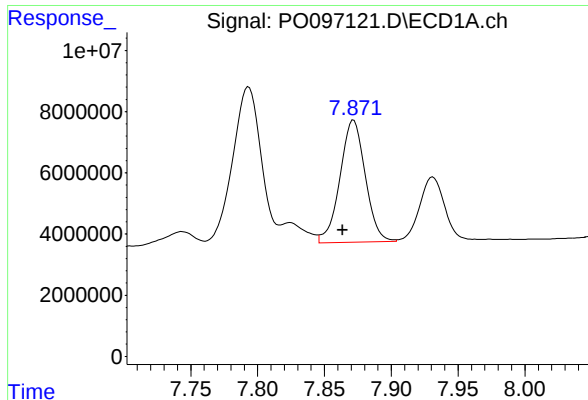
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.009 min
Response: 69221206
Conc: 513.76 ng/ml



#32 AR-1260-2

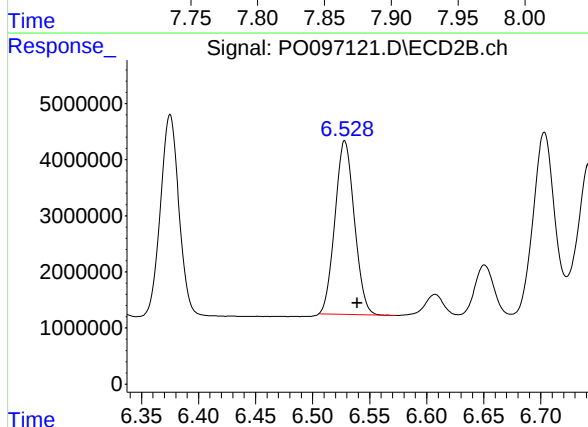
R.T.: 6.375 min
Delta R.T.: -0.010 min
Response: 40909622
Conc: 490.15 ng/ml



#33 AR-1260-3

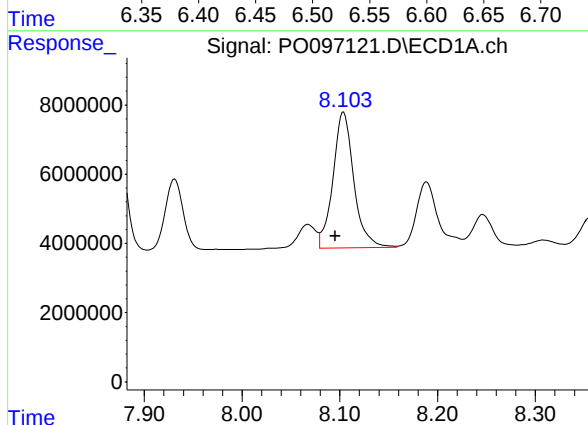
R.T.: 7.872 min
Delta R.T.: 0.008 min
Response: 52409875
Conc: 505.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



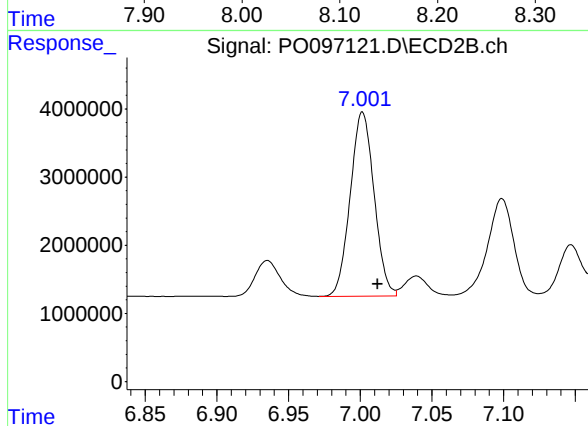
#33 AR-1260-3

R.T.: 6.528 min
Delta R.T.: -0.011 min
Response: 36818728
Conc: 476.81 ng/ml



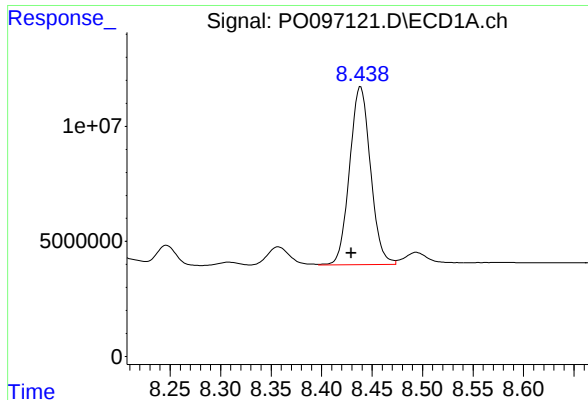
#34 AR-1260-4

R.T.: 8.104 min
Delta R.T.: 0.008 min
Response: 58426810
Conc: 522.58 ng/ml



#34 AR-1260-4

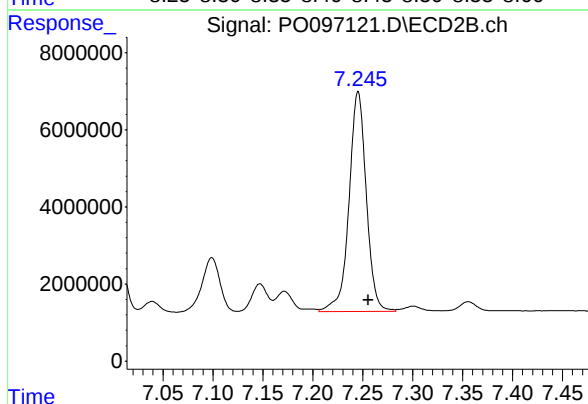
R.T.: 7.002 min
Delta R.T.: -0.011 min
Response: 31318056
Conc: 488.72 ng/ml



#35 AR-1260-5

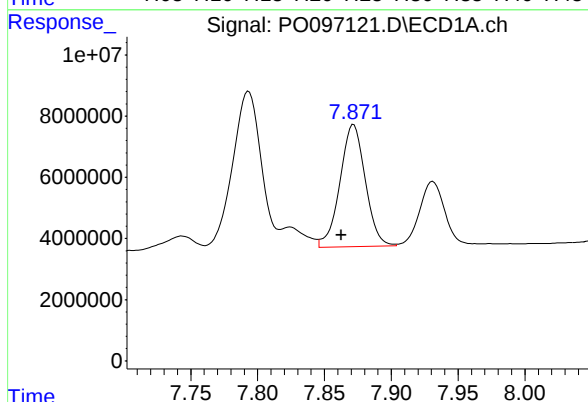
R.T.: 8.439 min
Delta R.T.: 0.009 min
Response: 111233469
Conc: 529.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



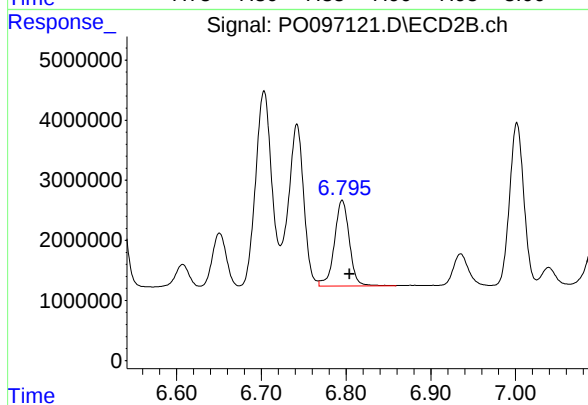
#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.010 min
Response: 68724367
Conc: 495.72 ng/ml



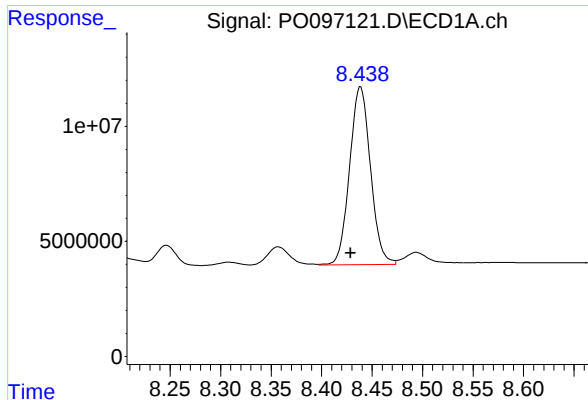
#36 AR-1262-1

R.T.: 7.872 min
Delta R.T.: 0.009 min
Response: 52409875
Conc: 352.86 ng/ml



#36 AR-1262-1

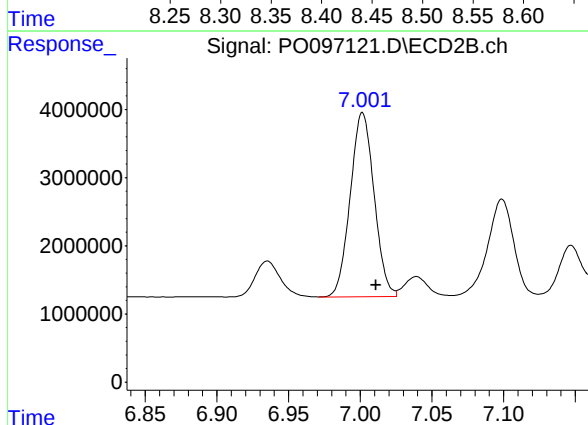
R.T.: 6.796 min
Delta R.T.: -0.009 min
Response: 17588611
Conc: 446.77 ng/ml



#37 AR-1262-2

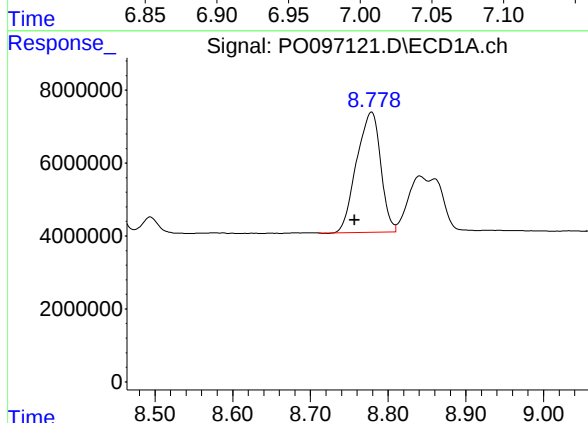
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 111233469
Conc: 480.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



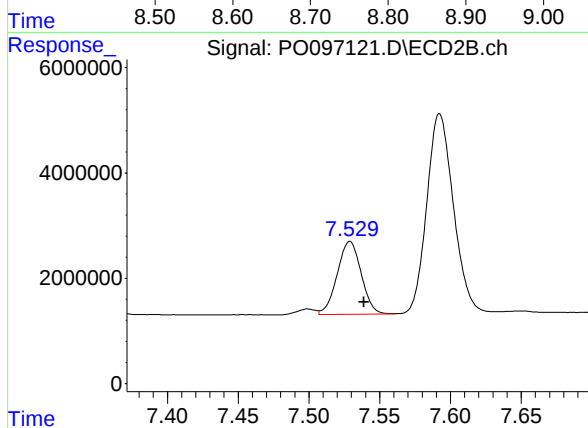
#37 AR-1262-2

R.T.: 7.002 min
Delta R.T.: -0.009 min
Response: 31318056
Conc: 386.14 ng/ml



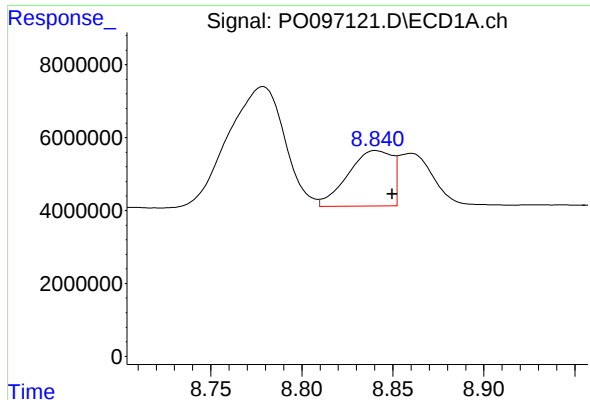
#38 AR-1262-3

R.T.: 8.779 min
Delta R.T.: 0.022 min
Response: 71083121
Conc: 426.16 ng/ml



#38 AR-1262-3

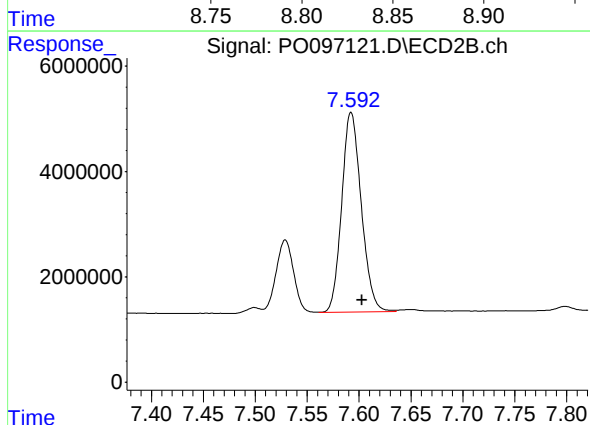
R.T.: 7.529 min
Delta R.T.: -0.010 min
Response: 16344582
Conc: 254.70 ng/ml



#39 AR-1262-4

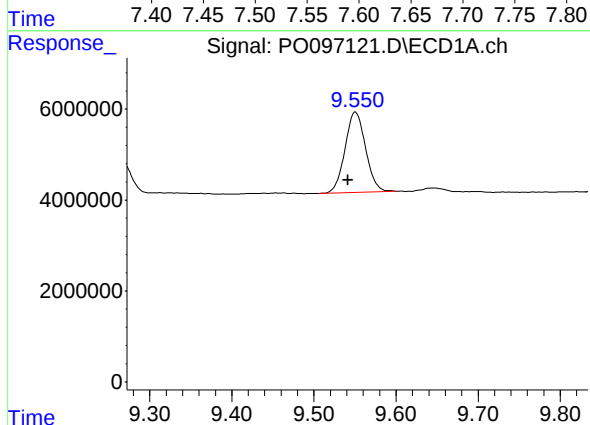
R.T.: 8.841 min
Delta R.T.: -0.009 min
Response: 25740991
Conc: 353.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



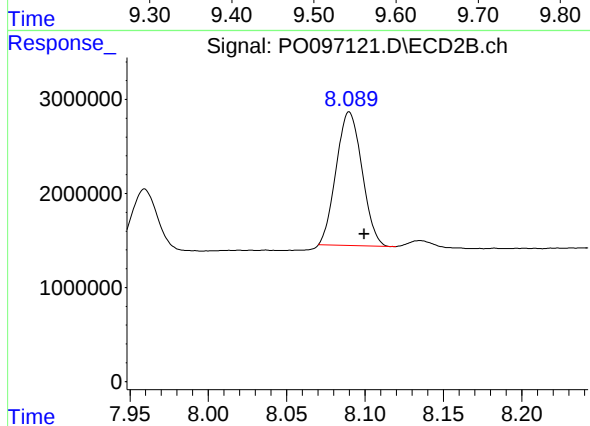
#39 AR-1262-4

R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 49726198
Conc: 437.73 ng/ml



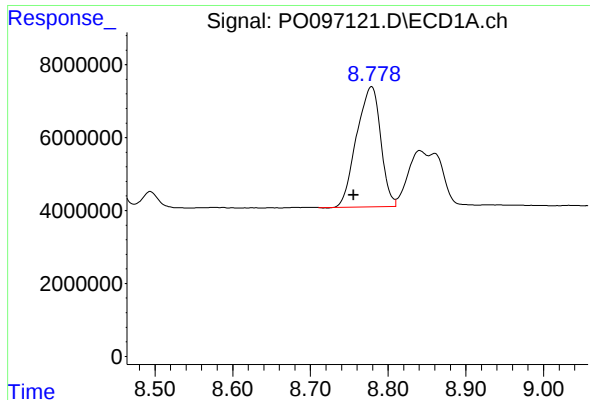
#40 AR-1262-5

R.T.: 9.551 min
Delta R.T.: 0.009 min
Response: 30840178
Conc: 370.33 ng/ml



#40 AR-1262-5

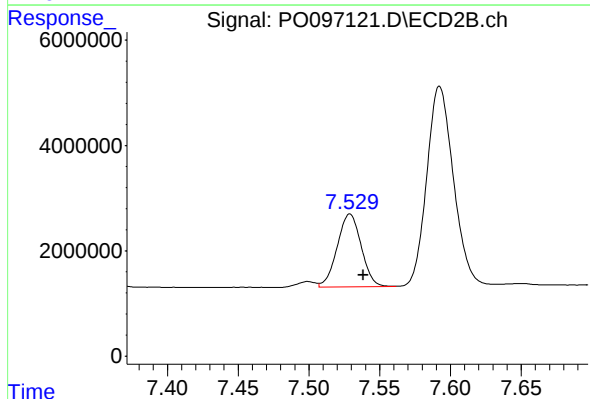
R.T.: 8.090 min
Delta R.T.: -0.009 min
Response: 16329936
Conc: 310.94 ng/ml



#41 AR-1268-1

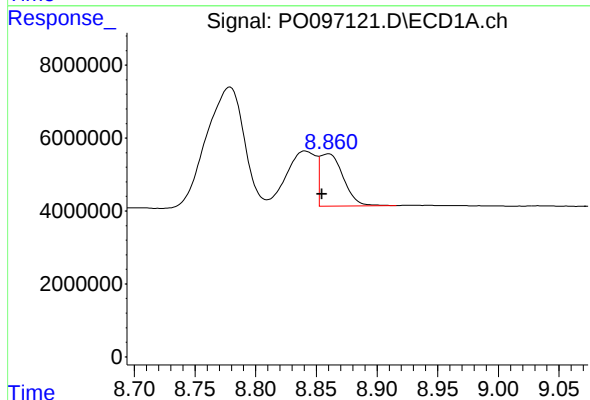
R.T.: 8.779 min
Delta R.T.: 0.023 min
Response: 71083121
Conc: 231.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



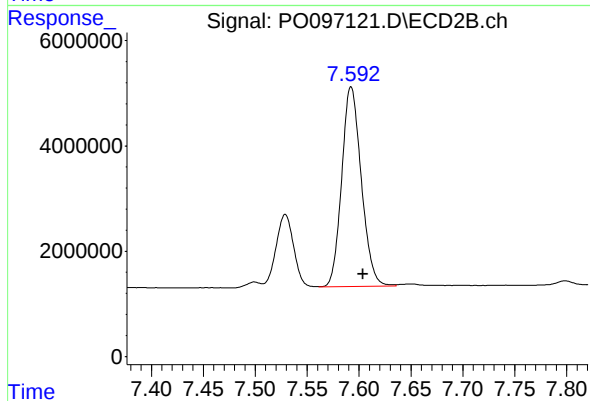
#41 AR-1268-1

R.T.: 7.529 min
Delta R.T.: -0.009 min
Response: 16344582
Conc: 88.21 ng/ml



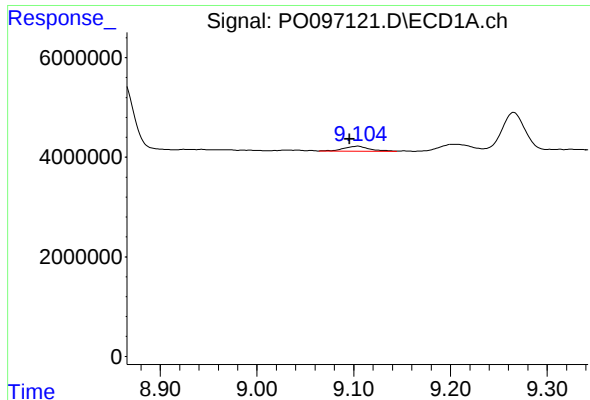
#42 AR-1268-2

R.T.: 8.860 min
Delta R.T.: 0.006 min
Response: 19268459
Conc: 70.27 ng/ml



#42 AR-1268-2

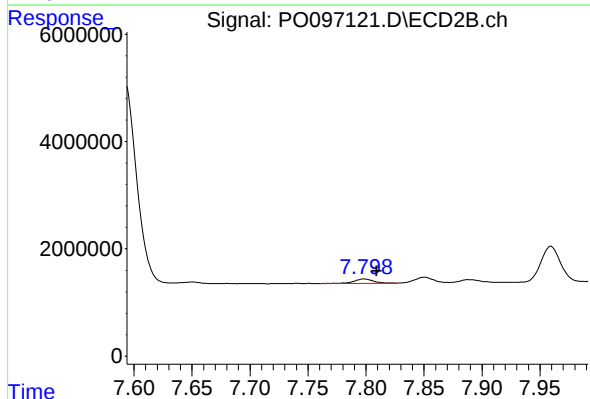
R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 49726198
Conc: 296.54 ng/ml



#43 AR-1268-3

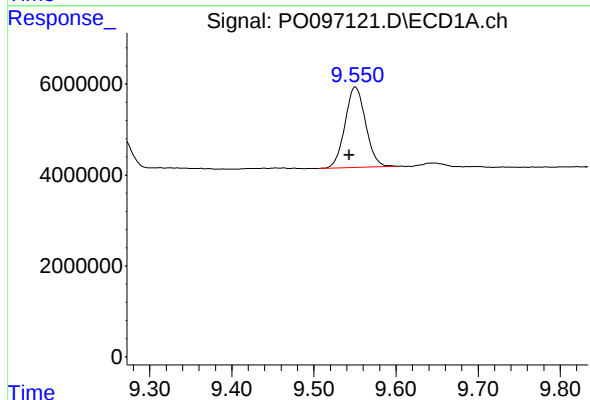
R.T.: 9.105 min
Delta R.T.: 0.009 min
Response: 1752447
Conc: 6.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



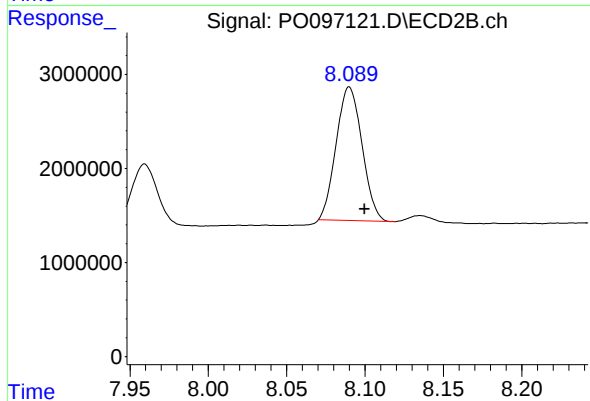
#43 AR-1268-3

R.T.: 7.798 min
Delta R.T.: -0.011 min
Response: 913144
Conc: 6.32 ng/ml



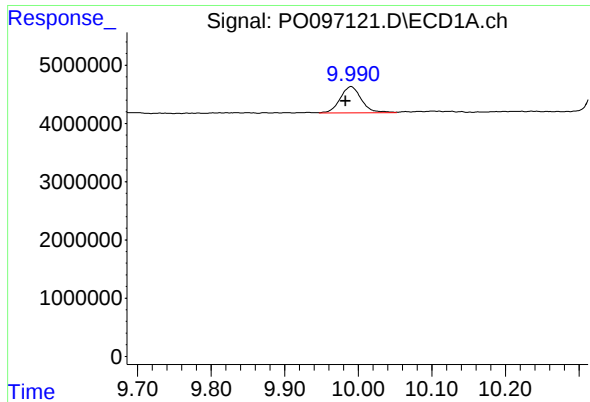
#44 AR-1268-4

R.T.: 9.551 min
Delta R.T.: 0.007 min
Response: 30840178
Conc: 332.64 ng/ml



#44 AR-1268-4

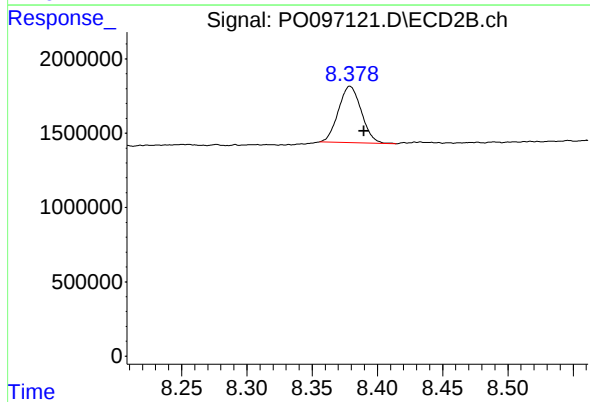
R.T.: 8.090 min
Delta R.T.: -0.010 min
Response: 16329936
Conc: 274.12 ng/ml



#45 AR-1268-5

R.T.: 9.990 min
Delta R.T.: 0.008 min
Response: 9126953
Conc: 11.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: -0.011 min
Response: 4638119
Conc: 11.15 ng/ml