

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122123\
 Data File : P0100651.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 21:36
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 22:36:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 21 04:28:19 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...	4.350	3.646	164.8E6	106.3E6	52.804	52.045
2) SA Decachlor...	10.089	8.705	112.3E6	78474698	53.734	51.992
Target Compounds						
3) L1 AR-1016-1	5.516	4.740	1628847	1212210	18.978	19.588
4) L1 AR-1016-2	5.541	4.759	1980955	882867	15.518	10.013 #
5) L1 AR-1016-3	5.601	4.939	903753	909946	11.459	19.479 #
6) L1 AR-1016-4	5.700	4.980	709396	24113001	11.641	587.577 #
7) L1 AR-1016-5	5.996	5.196	17362288	18265733	283.630	351.624
8) L2 AR-1221-1	4.557	3.867	376349	139864	10.181	5.570 #
9) L2 AR-1221-2	4.655	3.948	2440161	1878393	87.866	97.821
10) L2 AR-1221-3	4.721	4.024	973224	414492	11.661	7.043 #
11) L3 AR-1232-1	4.721	4.024	973224	414492	14.598	8.766 #
12) L3 AR-1232-2	5.249	4.759	974342	882867	27.792	21.167
13) L3 AR-1232-3	5.541	4.939	1980955	909946	33.201	42.415 #
14) L3 AR-1232-4	5.700	5.021	709396	8879576	25.872	417.923 #
15) L3 AR-1232-5	5.791	5.196	31538929	18265733	1311.774	835.824 #
16) L4 AR-1242-1	5.516	4.740	1628847	1212210	23.094	23.210
17) L4 AR-1242-2	5.541	4.759	1980955	882867	18.873	12.182 #
18) L4 AR-1242-3	5.601	4.939	903753	909946	13.903	23.748 #
19) L4 AR-1242-4	5.700	5.021	709396	8879576	14.166	213.034 #
20) L4 AR-1242-5	6.442	5.551	16236275	55801360	313.703	1215.858 #
21) L5 AR-1248-1	5.516	4.740	1628847	1212210	29.691	30.314
22) L5 AR-1248-2	5.791	4.980	31538929	24113001	365.171	400.797
23) L5 AR-1248-3	5.996	5.021	17362288	8879576	197.808	142.052 #
24) L5 AR-1248-4	6.400	5.196	23086408	18265733	256.781	253.583
25) L5 AR-1248-5	6.442	5.593	16236275	7843896	180.884	127.146 #
26) L6 AR-1254-1	6.374	5.551	49074268	55801360	466.847	543.715
27) L6 AR-1254-2	6.593	5.700	73272791	48994463	496.222	533.294
28) L6 AR-1254-3	6.960	6.108	74576654	69987299	532.584	517.512
29) L6 AR-1254-4	7.246	6.338	47053351	38774077	553.485	537.549
30) L6 AR-1254-5	7.667	6.758	56815340	58257947	480.158	505.608
31) L7 AR-1260-1	7.125	6.238	29422033	34135180	214.764	358.361 #
32) L7 AR-1260-2	7.382	6.427	30291512	26635526	240.850	247.810
33) L7 AR-1260-3	7.726	6.582	7388369	26788142	76.275	261.356 #
34) L7 AR-1260-4	7.957	7.057	19308717	2944651	182.976	36.119 #
35) L7 AR-1260-5	8.287	7.299	10588846	5916127	50.163	32.780 #
36) L8 AR-1262-1	7.667	6.758	56815340	58257947	568.723	933.942 #
37) L8 AR-1262-2	8.287	7.057	10588846	2944651	44.621	26.058 #
38) L8 AR-1262-3	8.612	7.589	8692671	282419	53.526	3.667 #
39) L8 AR-1262-4	8.659	7.648	3883502	6018851	30.121	40.742 #
40) L8 AR-1262-5	9.342	8.144	512818	1756372	6.428	27.464 #
41) L9 AR-1268-1	8.612	7.589	8692671	282419	30.764	1.274 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122123\
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 Acq On : 21 Dec 2023 21:36
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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: Dec 21 22:36:43 2023
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 Response via : Initial Calibration
 Integrator: ChemStation

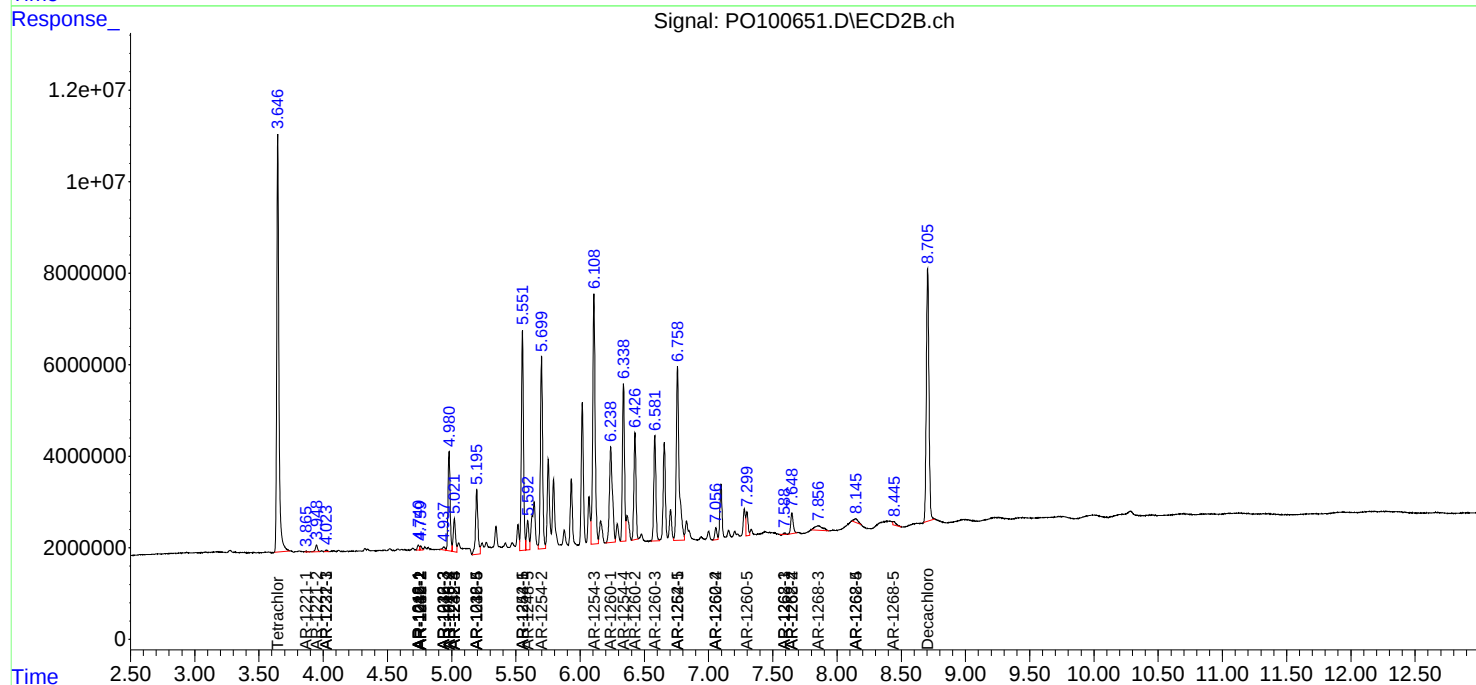
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

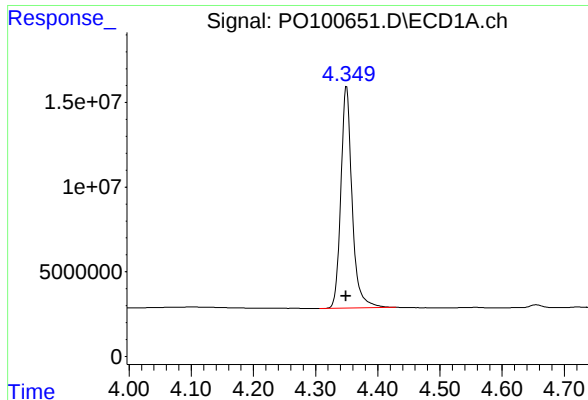
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.719	7.648	228807	6018851	0.905	29.758 #
43) L9	AR-1268-3	8.958f	7.855	254461	4244744	1.115	22.499 #
44) L9	AR-1268-4	9.342	8.144	512818	1756372	6.549	26.159 #
45) L9	AR-1268-5	9.748	8.439	247833	1340307	0.346	2.583 #

(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

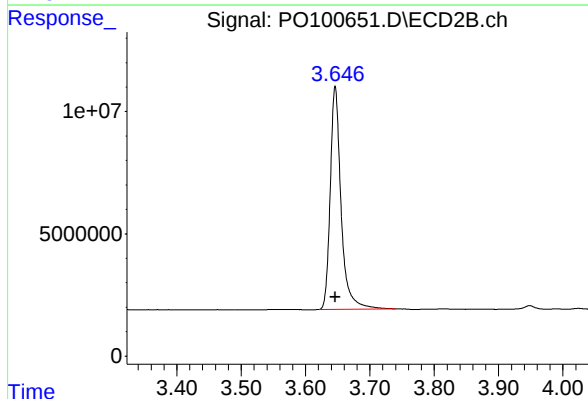




#1 Tetrachloro-m-xylene

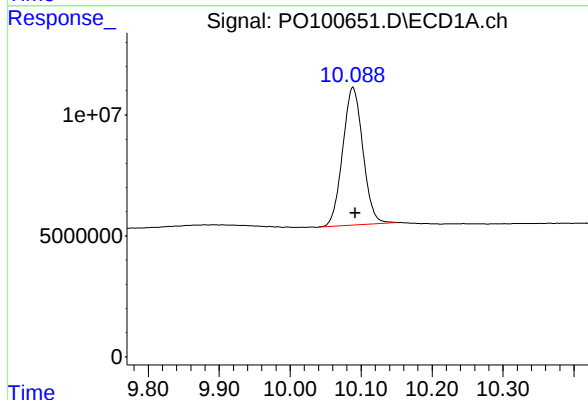
R.T.: 4.350 min
Delta R.T.: 0.000 min
Response: 164761272
Conc: 52.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



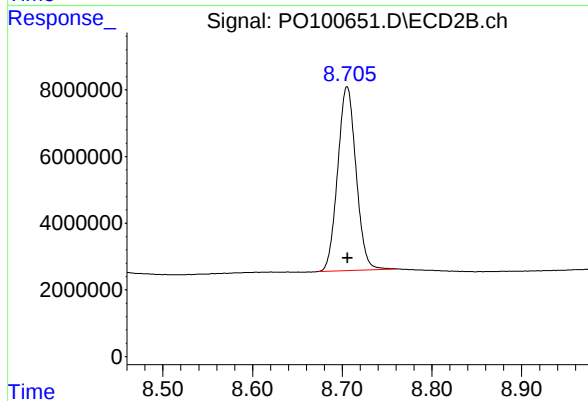
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 106349447
Conc: 52.04 ng/ml



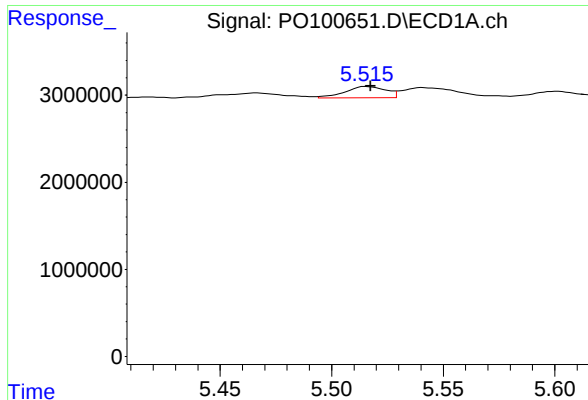
#2 Decachlorobiphenyl

R.T.: 10.089 min
Delta R.T.: -0.003 min
Response: 112256421
Conc: 53.73 ng/ml



#2 Decachlorobiphenyl

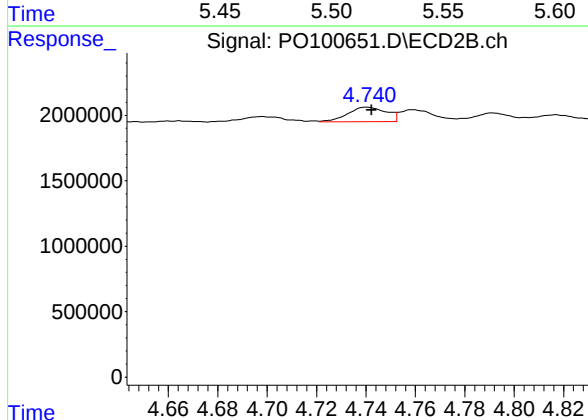
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 78474698
Conc: 51.99 ng/ml



#3 AR-1016-1

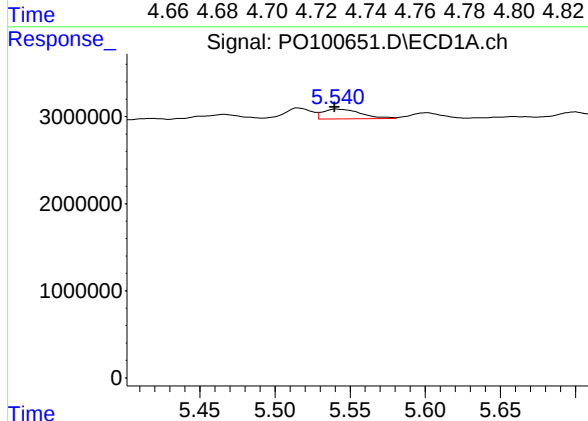
R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 1628847
Conc: 18.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



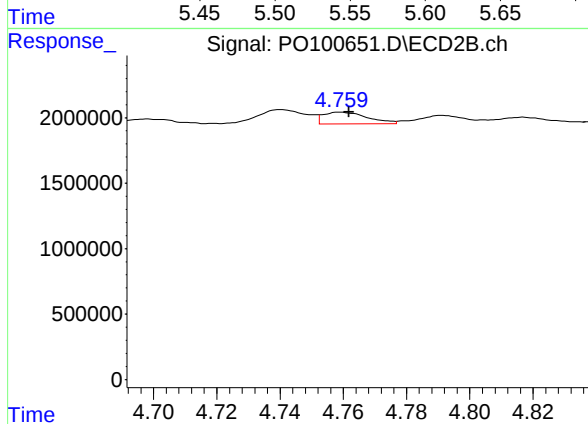
#3 AR-1016-1

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 1212210
Conc: 19.59 ng/ml



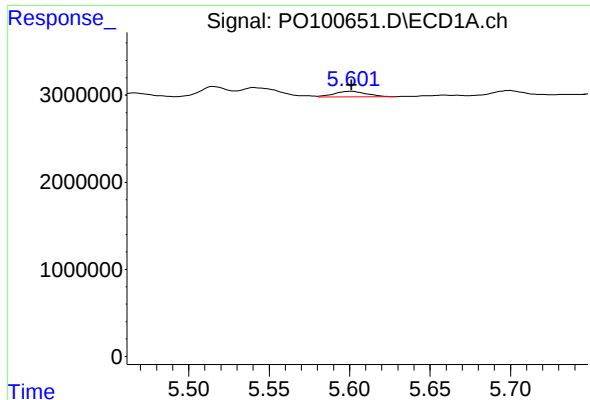
#4 AR-1016-2

R.T.: 5.541 min
Delta R.T.: 0.001 min
Response: 1980955
Conc: 15.52 ng/ml



#4 AR-1016-2

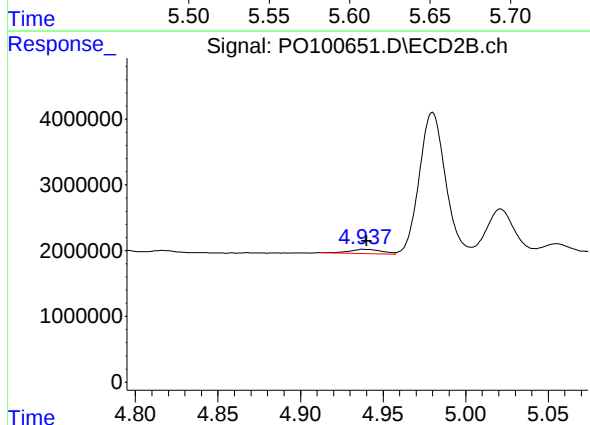
R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 882867
Conc: 10.01 ng/ml



#5 AR-1016-3

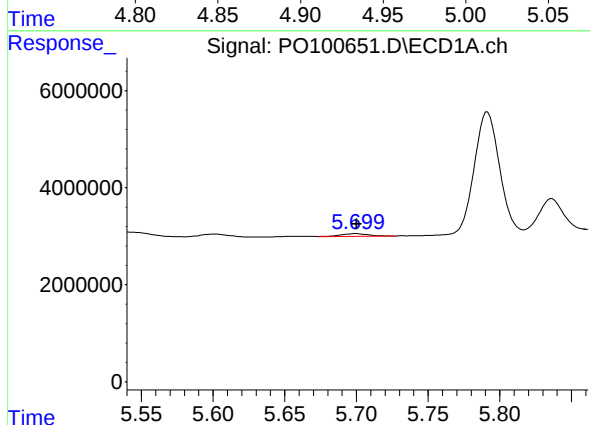
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 903753
Conc: 11.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



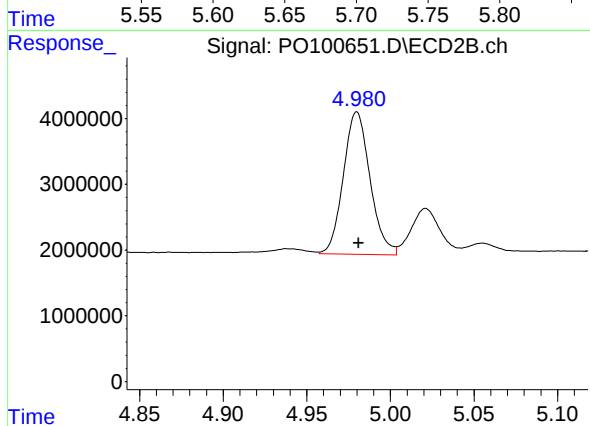
#5 AR-1016-3

R.T.: 4.939 min
Delta R.T.: -0.002 min
Response: 909946
Conc: 19.48 ng/ml



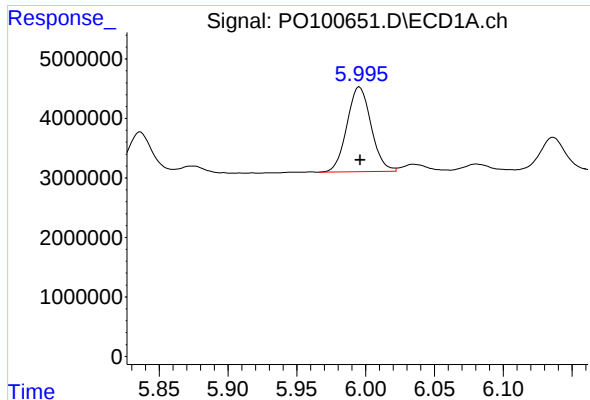
#6 AR-1016-4

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 709396
Conc: 11.64 ng/ml



#6 AR-1016-4

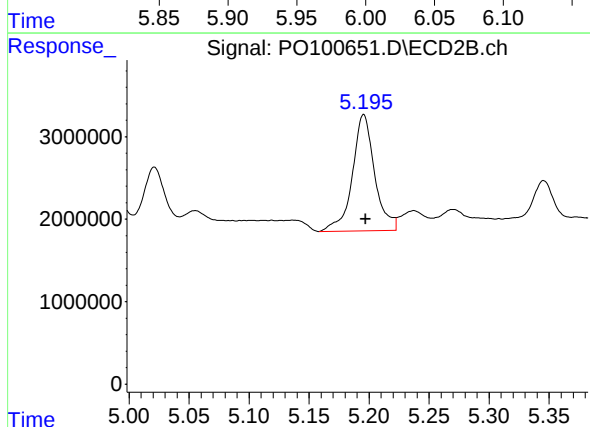
R.T.: 4.980 min
Delta R.T.: -0.001 min
Response: 24113001
Conc: 587.58 ng/ml



#7 AR-1016-5

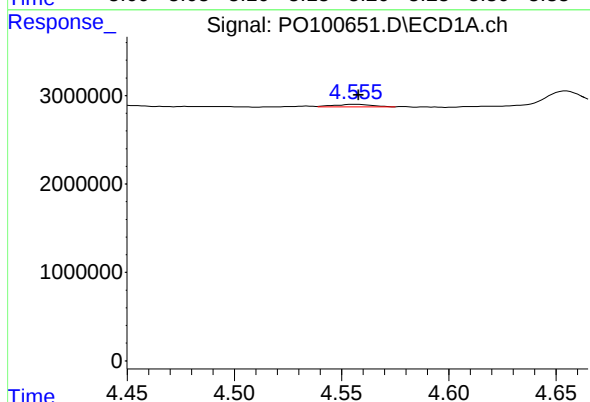
R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 17362288
Conc: 283.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



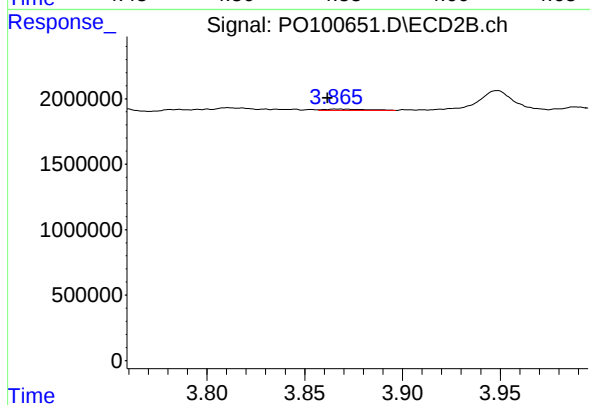
#7 AR-1016-5

R.T.: 5.196 min
Delta R.T.: -0.002 min
Response: 18265733
Conc: 351.62 ng/ml



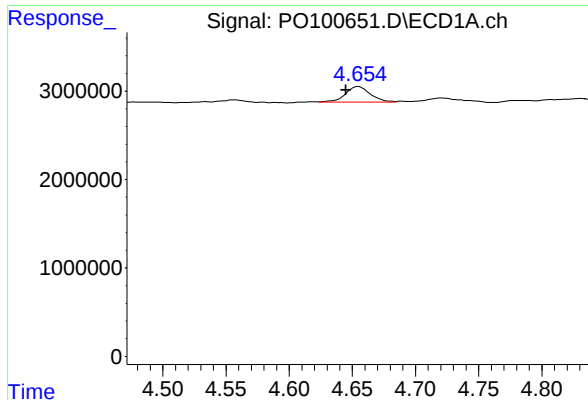
#8 AR-1221-1

R.T.: 4.557 min
Delta R.T.: -0.001 min
Response: 376349
Conc: 10.18 ng/ml



#8 AR-1221-1

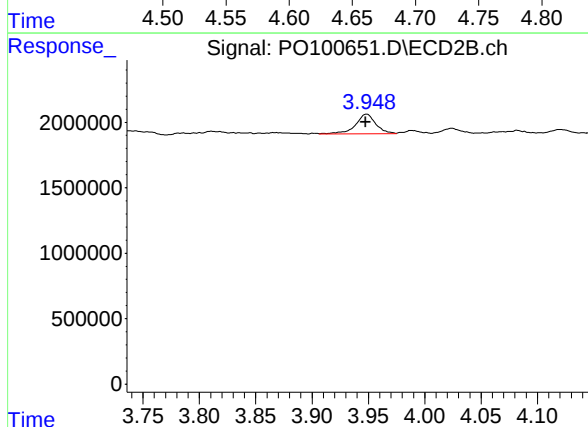
R.T.: 3.867 min
Delta R.T.: 0.005 min
Response: 139864
Conc: 5.57 ng/ml



#9 AR-1221-2

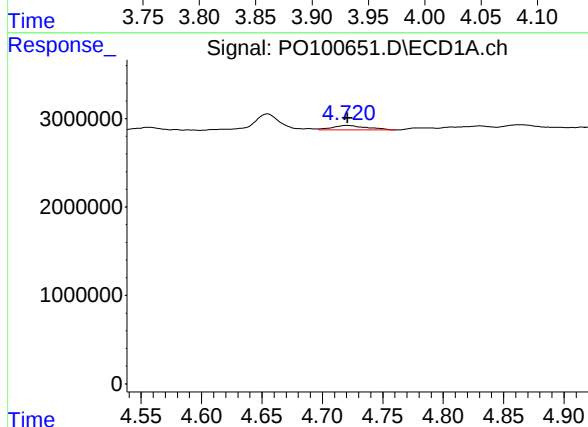
R.T.: 4.655 min
Delta R.T.: 0.010 min
Response: 2440161
Conc: 87.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



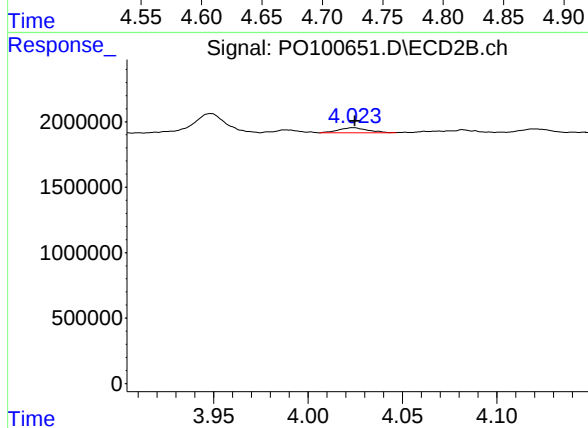
#9 AR-1221-2

R.T.: 3.948 min
Delta R.T.: 0.000 min
Response: 1878393
Conc: 97.82 ng/ml



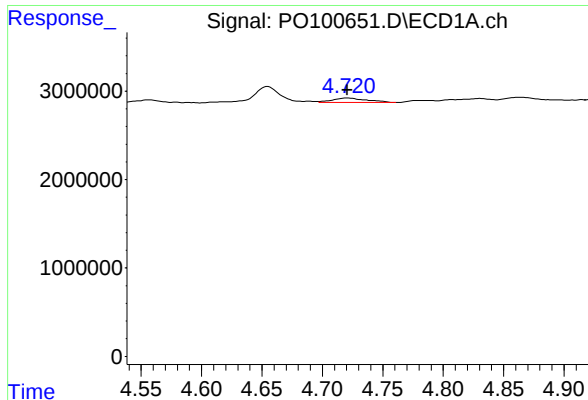
#10 AR-1221-3

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 973224
Conc: 11.66 ng/ml



#10 AR-1221-3

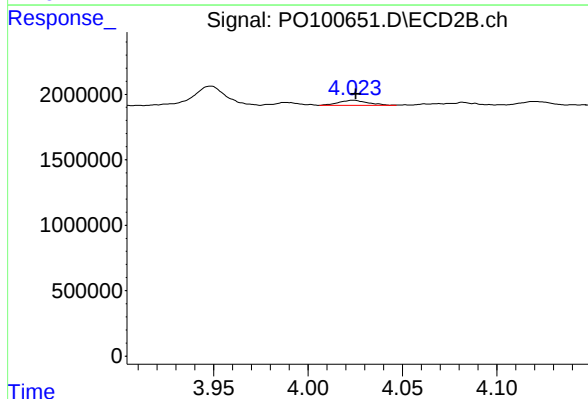
R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 414492
Conc: 7.04 ng/ml



#11 AR-1232-1

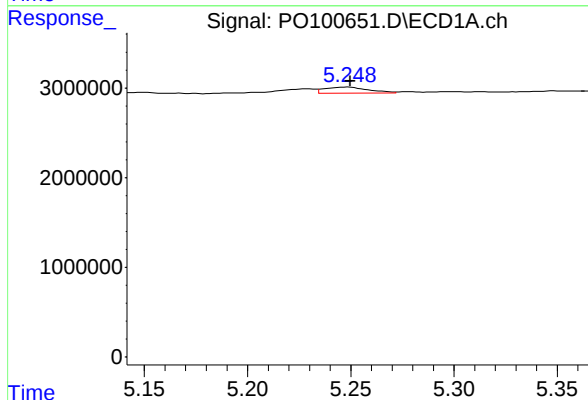
R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 973224
Conc: 14.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



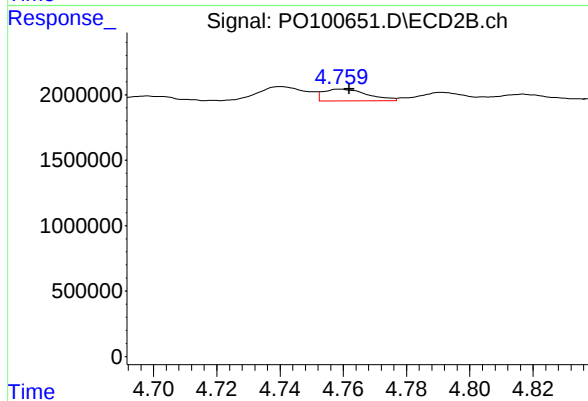
#11 AR-1232-1

R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 414492
Conc: 8.77 ng/ml



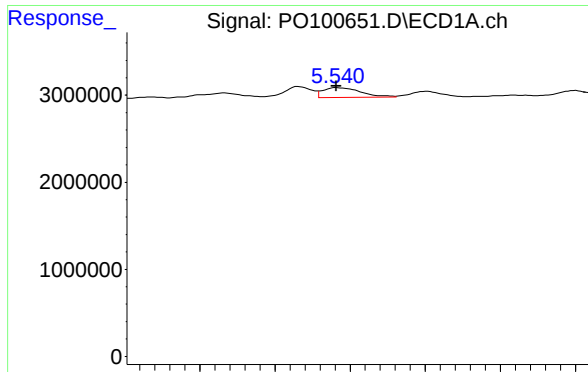
#12 AR-1232-2

R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 974342
Conc: 27.79 ng/ml



#12 AR-1232-2

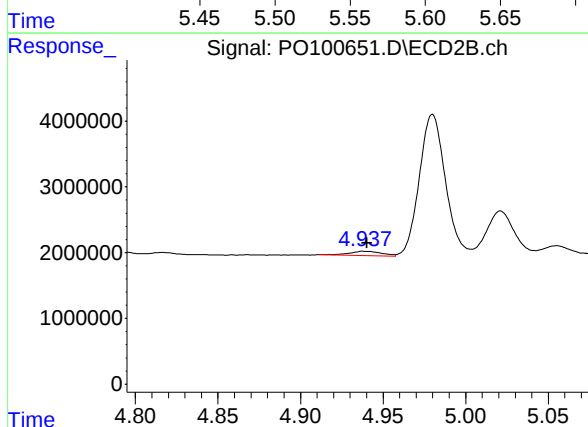
R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 882867
Conc: 21.17 ng/ml



#13 AR-1232-3

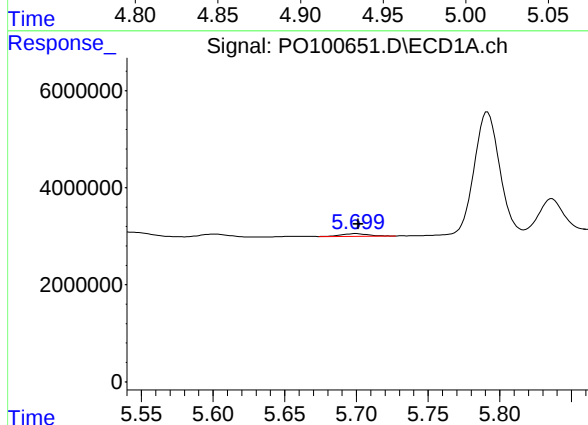
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 1980955
Conc: 33.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



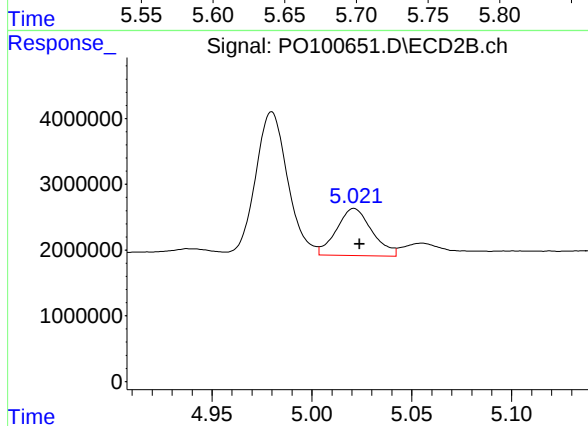
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: -0.002 min
Response: 909946
Conc: 42.41 ng/ml



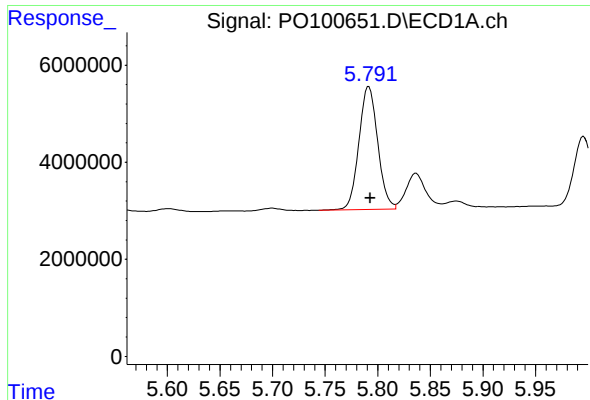
#14 AR-1232-4

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 709396
Conc: 25.87 ng/ml



#14 AR-1232-4

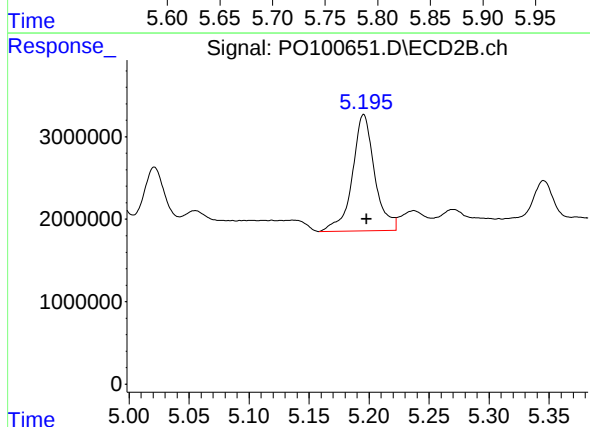
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 8879576
Conc: 417.92 ng/ml



#15 AR-1232-5

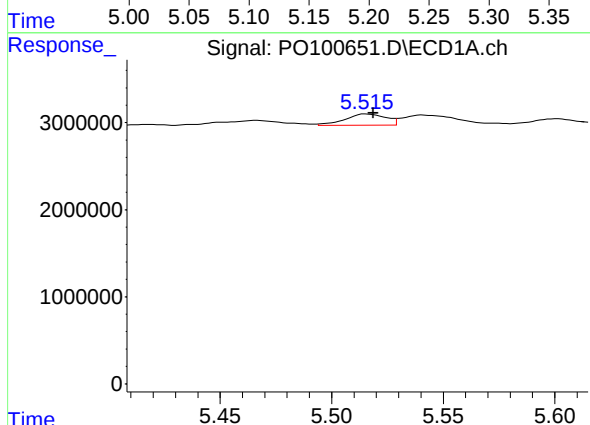
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 31538929
Conc: 1311.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



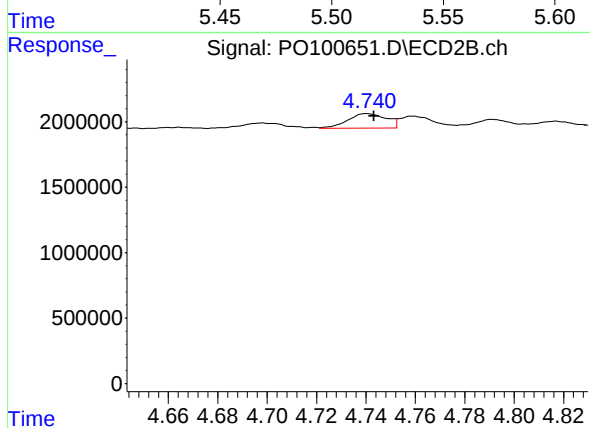
#15 AR-1232-5

R.T.: 5.196 min
Delta R.T.: -0.003 min
Response: 18265733
Conc: 835.82 ng/ml



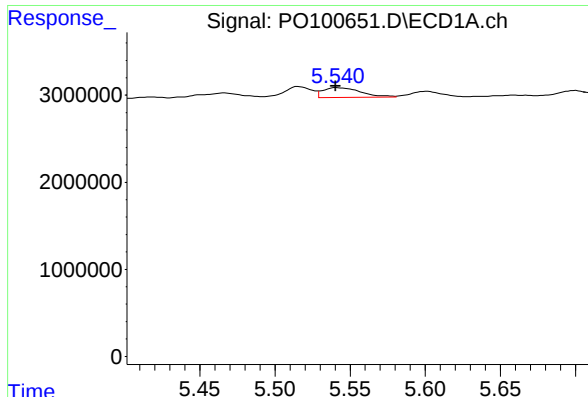
#16 AR-1242-1

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 1628847
Conc: 23.09 ng/ml



#16 AR-1242-1

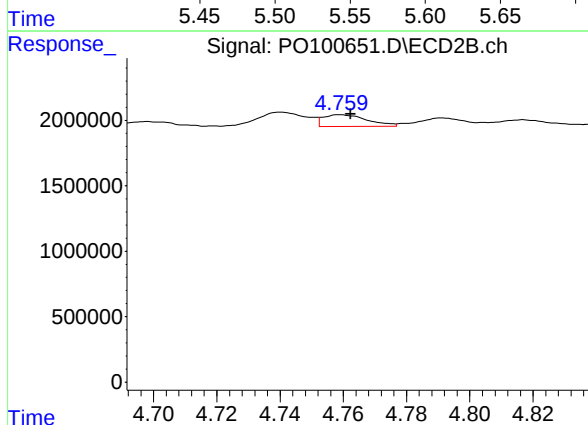
R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 1212210
Conc: 23.21 ng/ml



#17 AR-1242-2

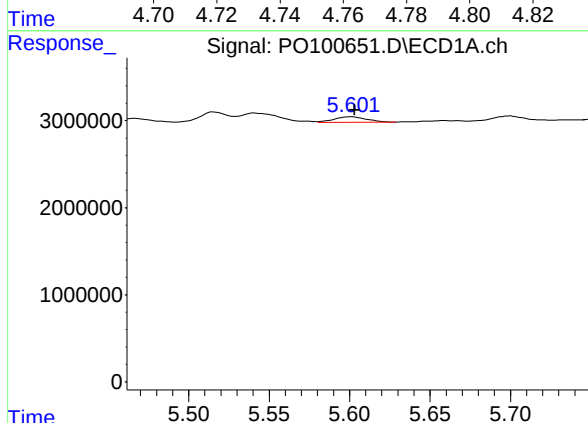
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 1980955
Conc: 18.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



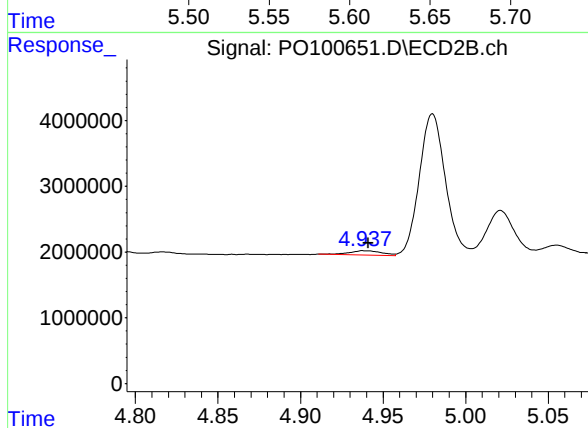
#17 AR-1242-2

R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 882867
Conc: 12.18 ng/ml



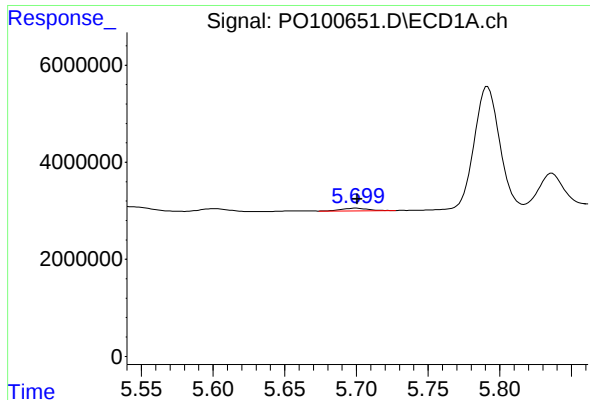
#18 AR-1242-3

R.T.: 5.601 min
Delta R.T.: -0.002 min
Response: 903753
Conc: 13.90 ng/ml



#18 AR-1242-3

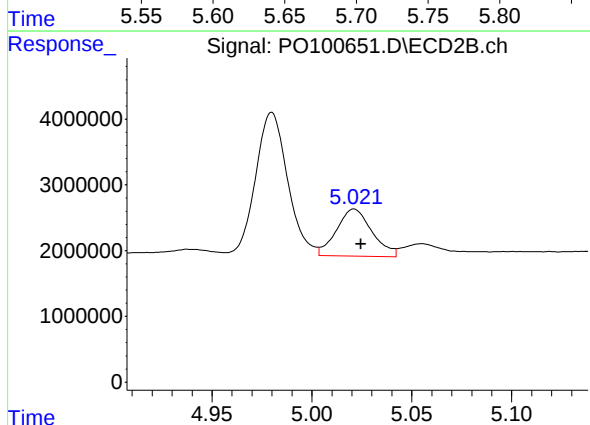
R.T.: 4.939 min
Delta R.T.: -0.003 min
Response: 909946
Conc: 23.75 ng/ml



#19 AR-1242-4

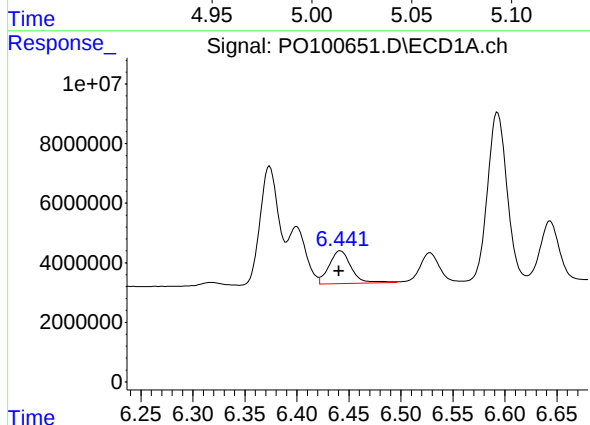
R.T.: 5.700 min
Delta R.T.: -0.001 min
Response: 709396
Conc: 14.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



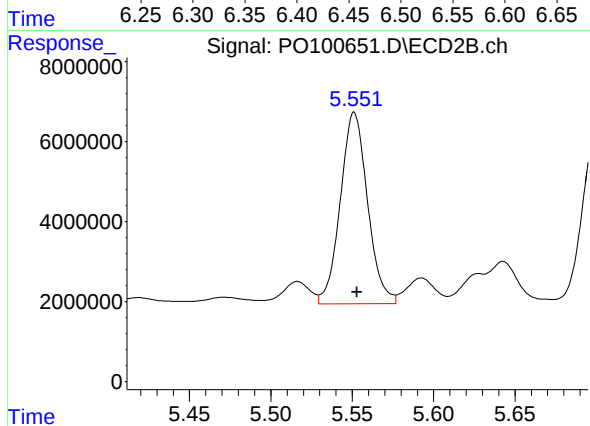
#19 AR-1242-4

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 8879576
Conc: 213.03 ng/ml



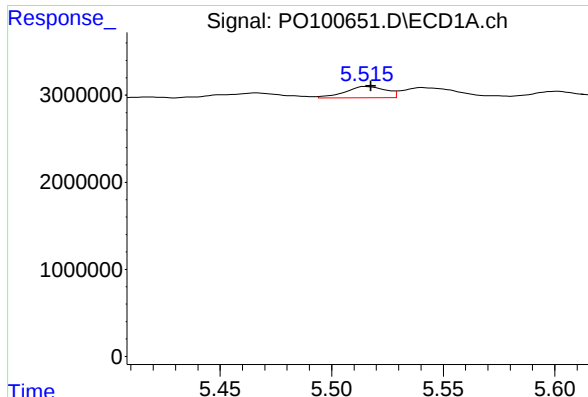
#20 AR-1242-5

R.T.: 6.442 min
Delta R.T.: 0.002 min
Response: 16236275
Conc: 313.70 ng/ml



#20 AR-1242-5

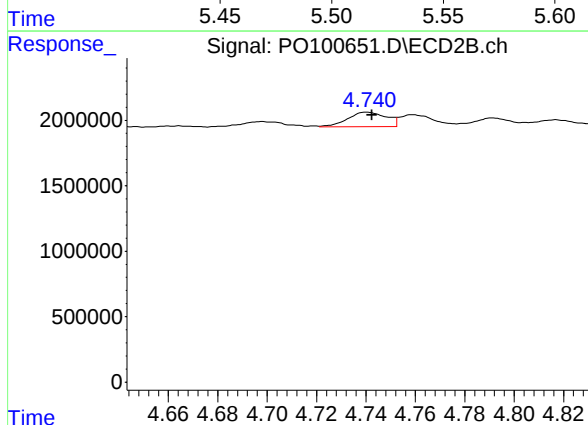
R.T.: 5.551 min
Delta R.T.: -0.002 min
Response: 55801360
Conc: 1215.86 ng/ml



#21 AR-1248-1

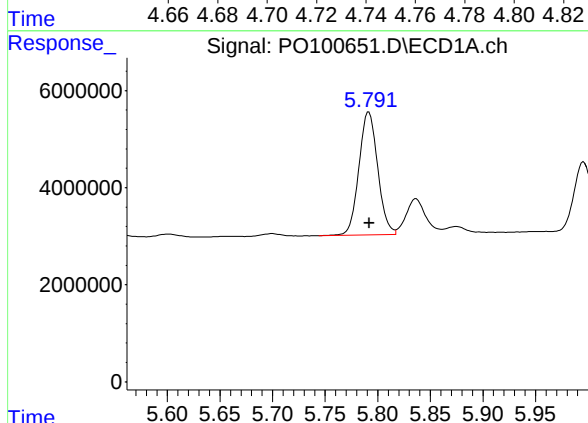
R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 1628847
Conc: 29.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



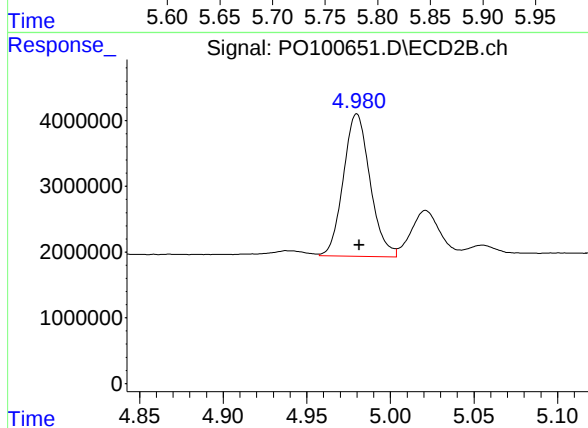
#21 AR-1248-1

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 1212210
Conc: 30.31 ng/ml



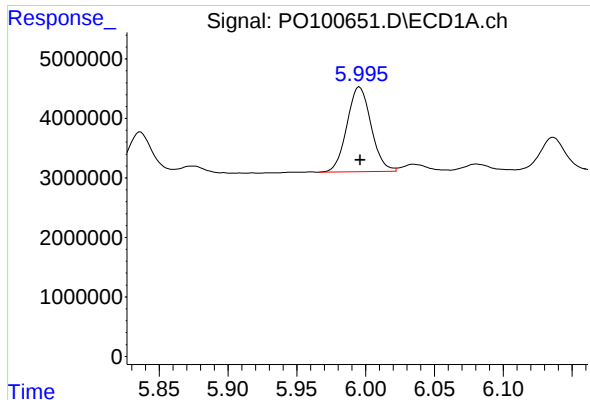
#22 AR-1248-2

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 31538929
Conc: 365.17 ng/ml



#22 AR-1248-2

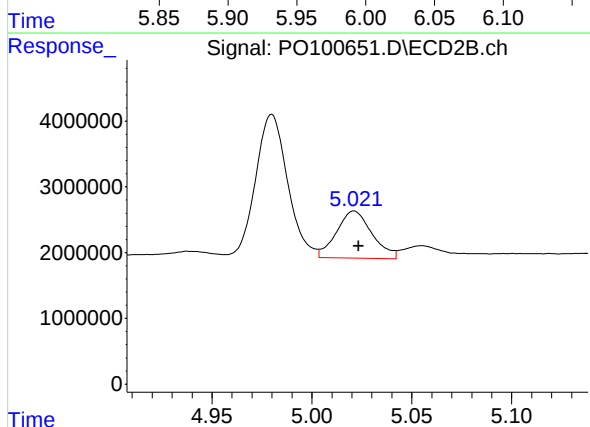
R.T.: 4.980 min
Delta R.T.: -0.001 min
Response: 24113001
Conc: 400.80 ng/ml



#23 AR-1248-3

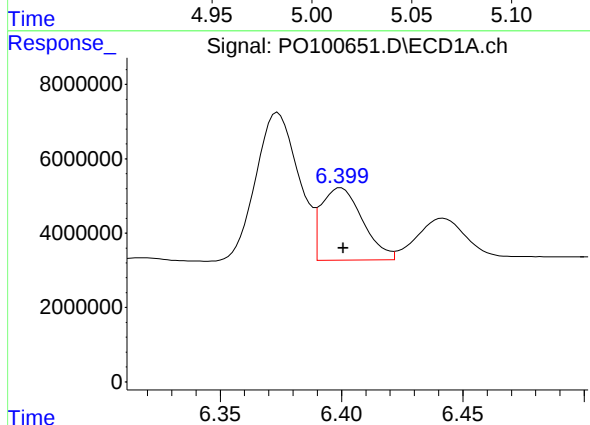
R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 17362288
Conc: 197.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



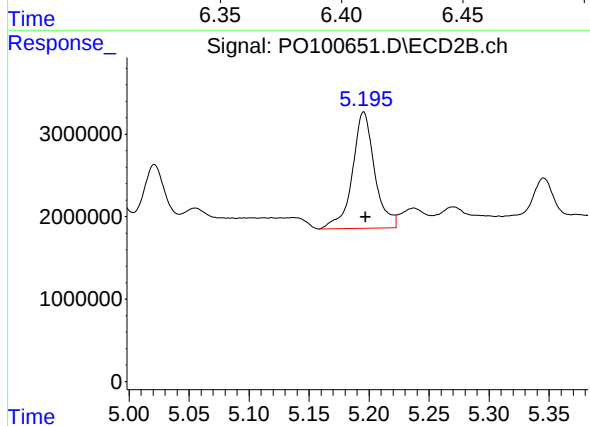
#23 AR-1248-3

R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 8879576
Conc: 142.05 ng/ml



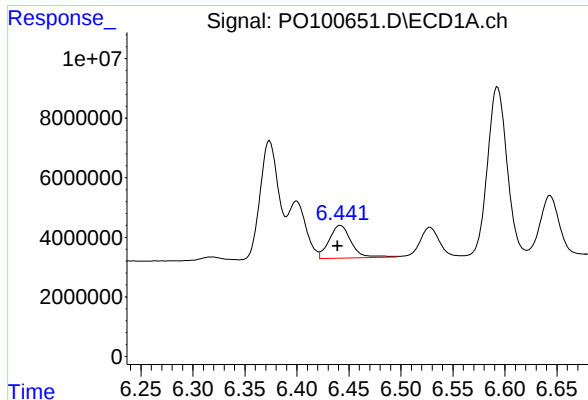
#24 AR-1248-4

R.T.: 6.400 min
Delta R.T.: -0.001 min
Response: 23086408
Conc: 256.78 ng/ml



#24 AR-1248-4

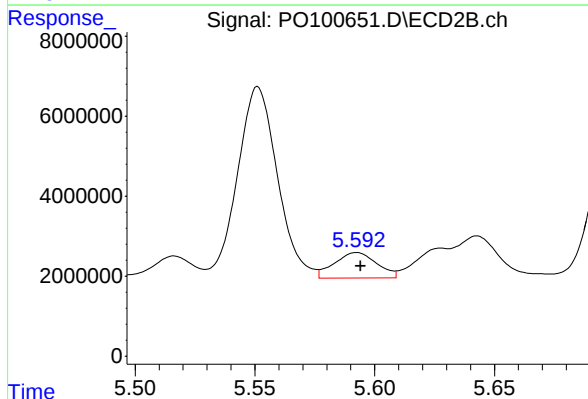
R.T.: 5.196 min
Delta R.T.: -0.002 min
Response: 18265733
Conc: 253.58 ng/ml



#25 AR-1248-5

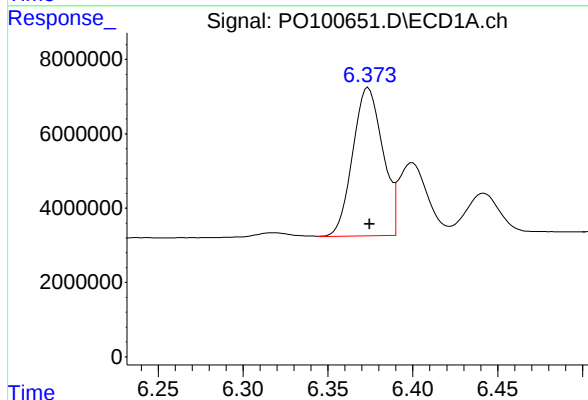
R.T.: 6.442 min
Delta R.T.: 0.003 min
Response: 16236275
Conc: 180.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



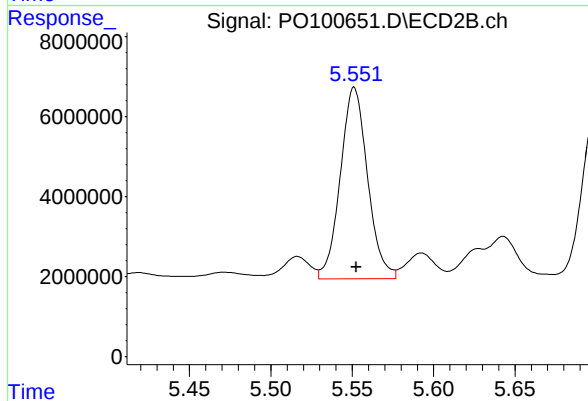
#25 AR-1248-5

R.T.: 5.593 min
Delta R.T.: -0.002 min
Response: 7843896
Conc: 127.15 ng/ml



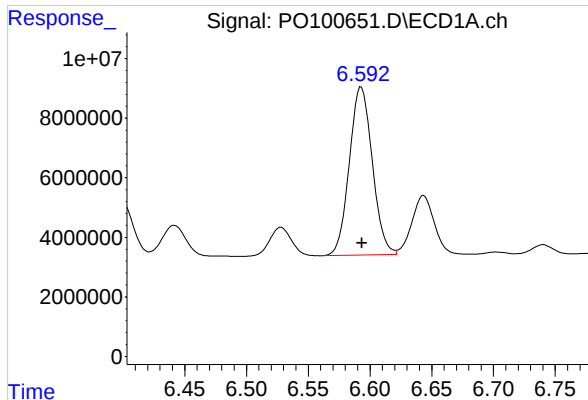
#26 AR-1254-1

R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 49074268
Conc: 466.85 ng/ml



#26 AR-1254-1

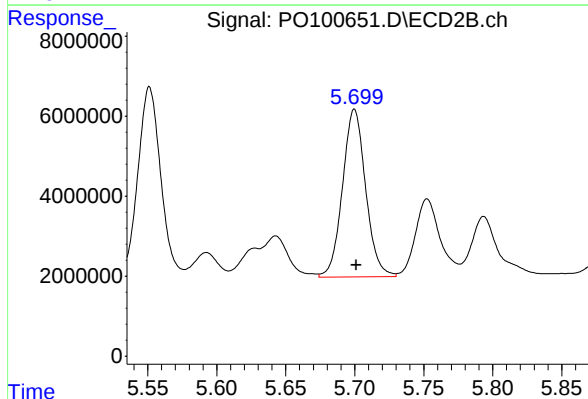
R.T.: 5.551 min
Delta R.T.: -0.001 min
Response: 55801360
Conc: 543.71 ng/ml



#27 AR-1254-2

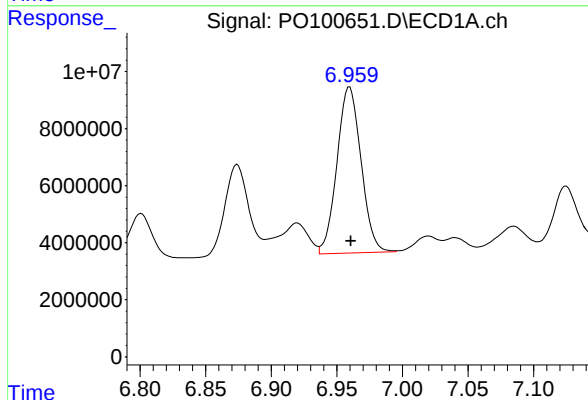
R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 73272791
Conc: 496.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



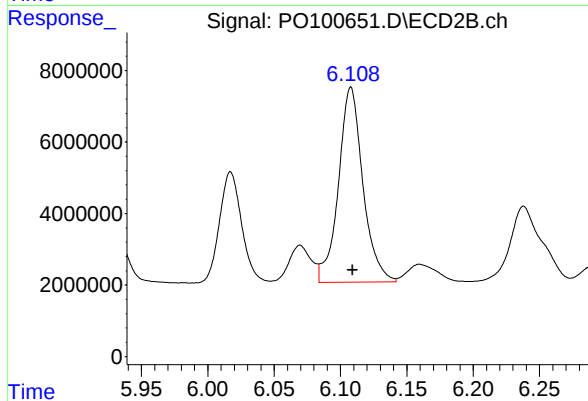
#27 AR-1254-2

R.T.: 5.700 min
Delta R.T.: -0.001 min
Response: 48994463
Conc: 533.29 ng/ml



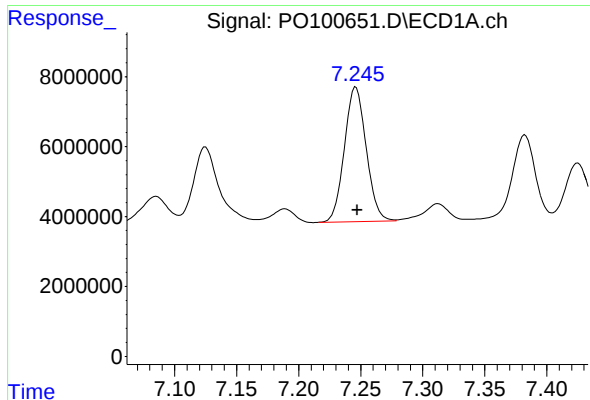
#28 AR-1254-3

R.T.: 6.960 min
Delta R.T.: -0.001 min
Response: 74576654
Conc: 532.58 ng/ml



#28 AR-1254-3

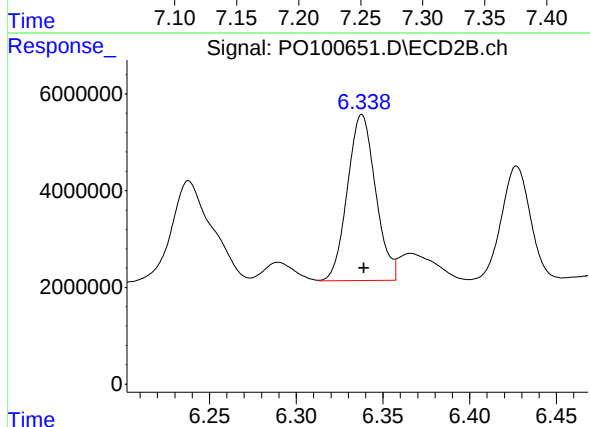
R.T.: 6.108 min
Delta R.T.: -0.001 min
Response: 69987299
Conc: 517.51 ng/ml



#29 AR-1254-4

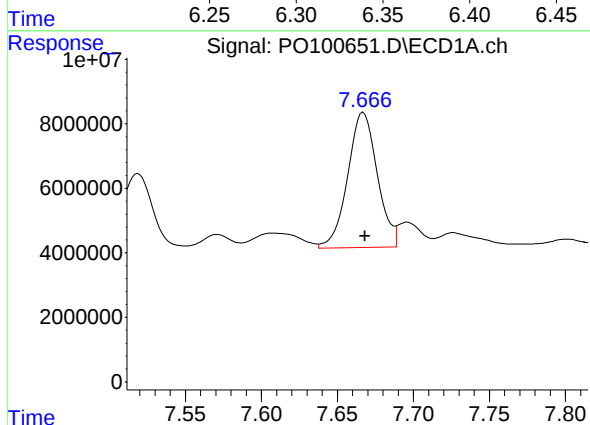
R.T.: 7.246 min
Delta R.T.: -0.001 min
Response: 47053351
Conc: 553.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



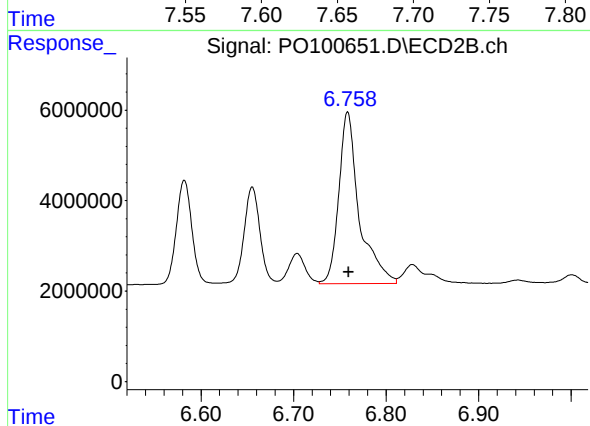
#29 AR-1254-4

R.T.: 6.338 min
Delta R.T.: -0.001 min
Response: 38774077
Conc: 537.55 ng/ml



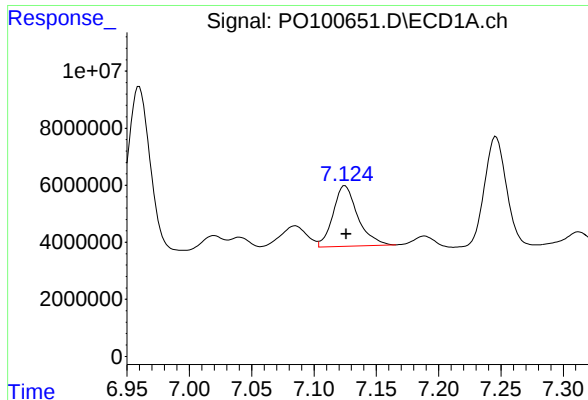
#30 AR-1254-5

R.T.: 7.667 min
Delta R.T.: -0.001 min
Response: 56815340
Conc: 480.16 ng/ml



#30 AR-1254-5

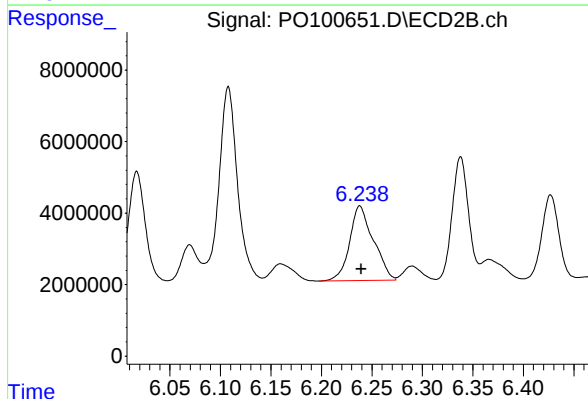
R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 58257947
Conc: 505.61 ng/ml



#31 AR-1260-1

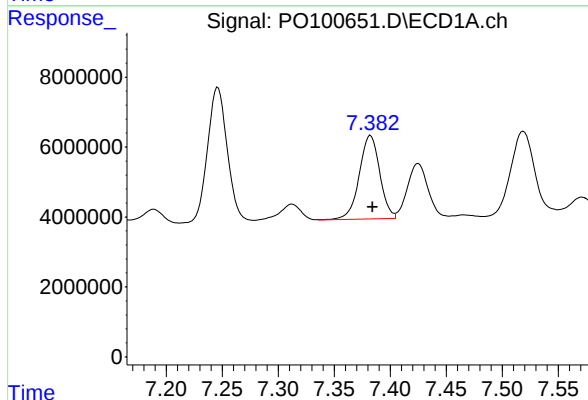
R.T.: 7.125 min
Delta R.T.: -0.001 min
Response: 29422033
Conc: 214.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



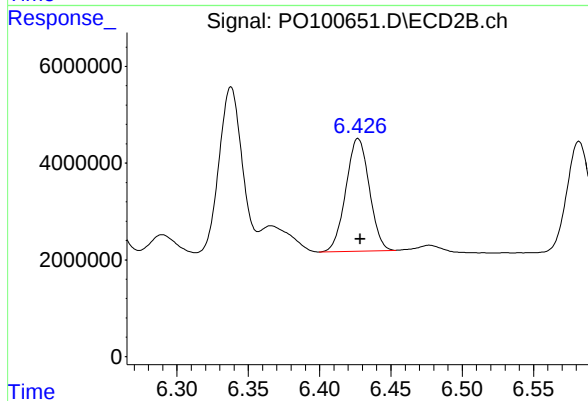
#31 AR-1260-1

R.T.: 6.238 min
Delta R.T.: -0.001 min
Response: 34135180
Conc: 358.36 ng/ml



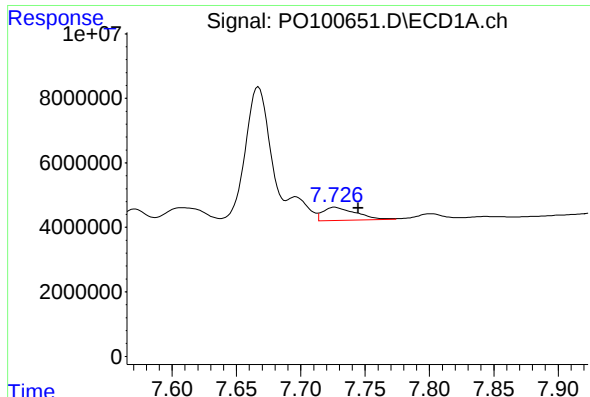
#32 AR-1260-2

R.T.: 7.382 min
Delta R.T.: -0.002 min
Response: 30291512
Conc: 240.85 ng/ml



#32 AR-1260-2

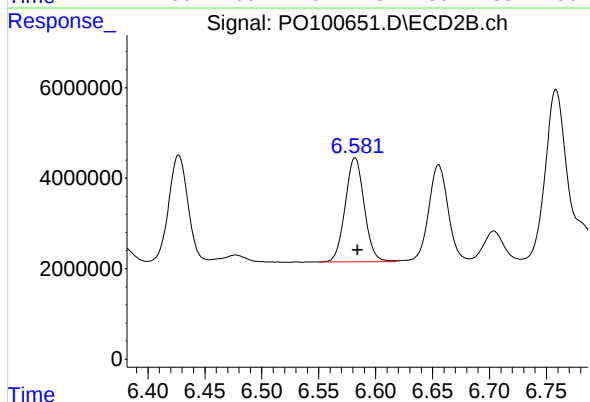
R.T.: 6.427 min
Delta R.T.: -0.001 min
Response: 26635526
Conc: 247.81 ng/ml



#33 AR-1260-3

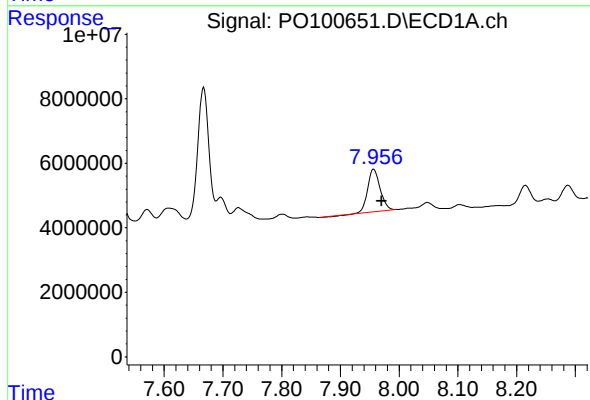
R.T.: 7.726 min
Delta R.T.: -0.018 min
Response: 7388369
Conc: 76.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



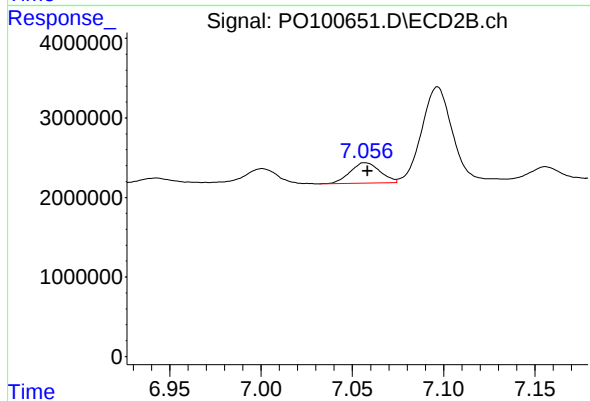
#33 AR-1260-3

R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 26788142
Conc: 261.36 ng/ml



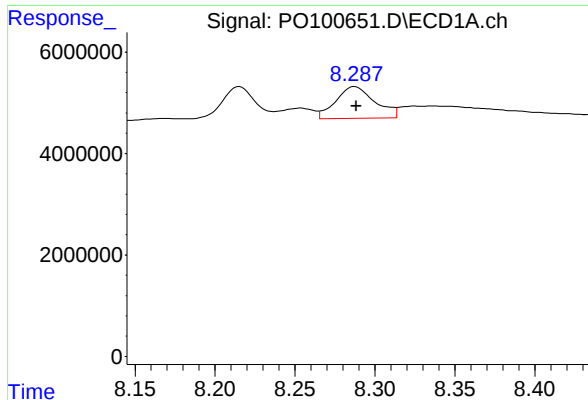
#34 AR-1260-4

R.T.: 7.957 min
Delta R.T.: -0.014 min
Response: 19308717
Conc: 182.98 ng/ml



#34 AR-1260-4

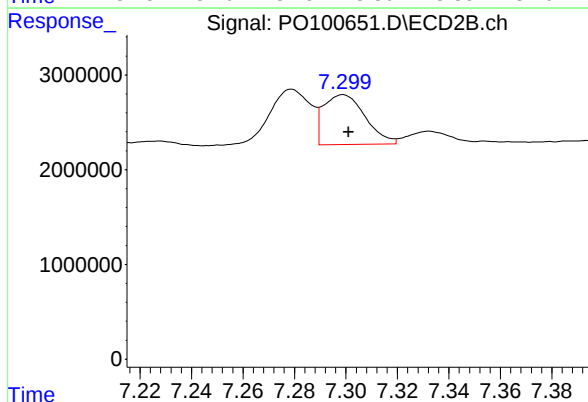
R.T.: 7.057 min
Delta R.T.: -0.001 min
Response: 2944651
Conc: 36.12 ng/ml



#35 AR-1260-5

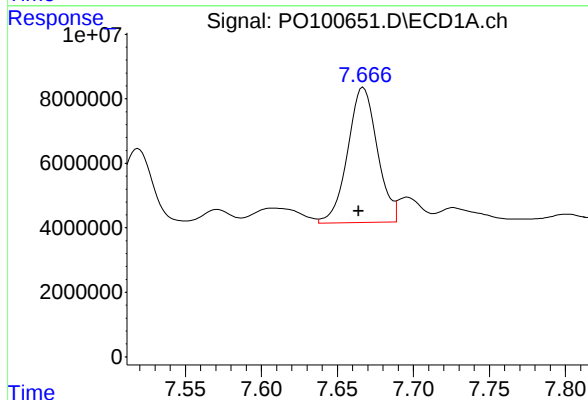
R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 10588846
Conc: 50.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



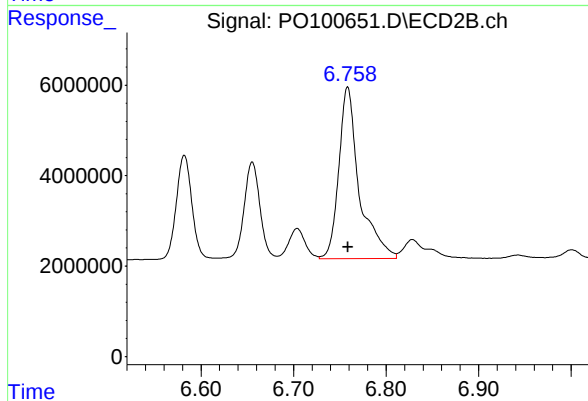
#35 AR-1260-5

R.T.: 7.299 min
Delta R.T.: -0.002 min
Response: 5916127
Conc: 32.78 ng/ml



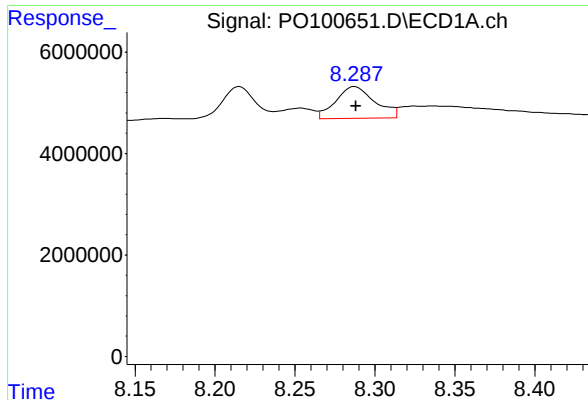
#36 AR-1262-1

R.T.: 7.667 min
Delta R.T.: 0.003 min
Response: 56815340
Conc: 568.72 ng/ml



#36 AR-1262-1

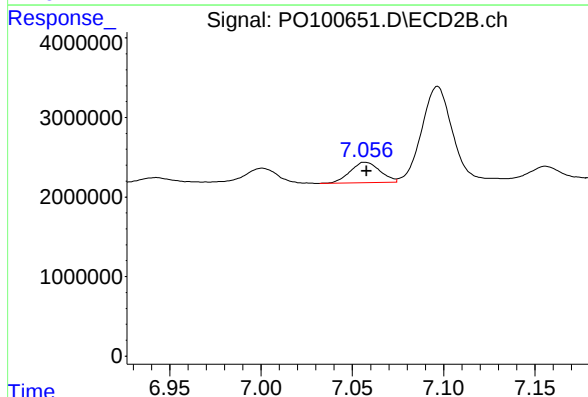
R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 58257947
Conc: 933.94 ng/ml



#37 AR-1262-2

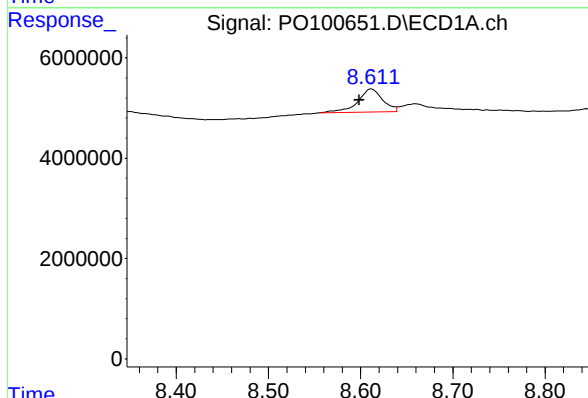
R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 10588846
Conc: 44.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



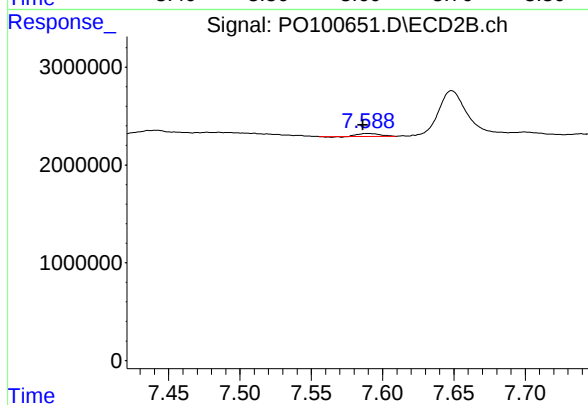
#37 AR-1262-2

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 2944651
Conc: 26.06 ng/ml



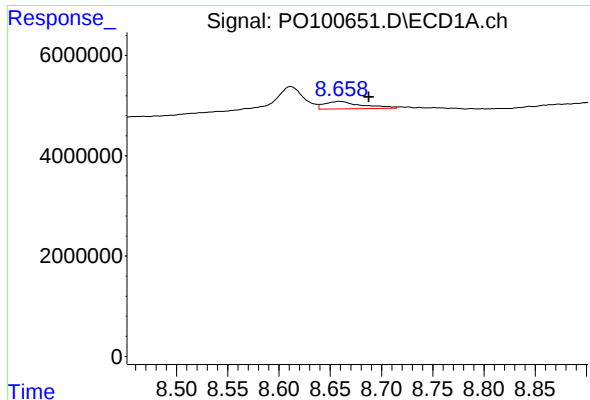
#38 AR-1262-3

R.T.: 8.612 min
Delta R.T.: 0.013 min
Response: 8692671
Conc: 53.53 ng/ml



#38 AR-1262-3

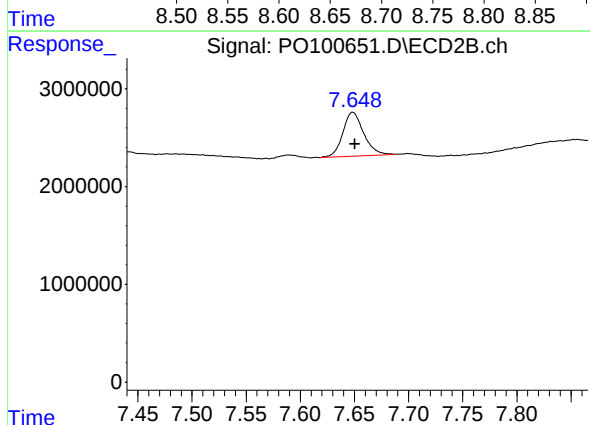
R.T.: 7.589 min
Delta R.T.: 0.003 min
Response: 282419
Conc: 3.67 ng/ml



#39 AR-1262-4

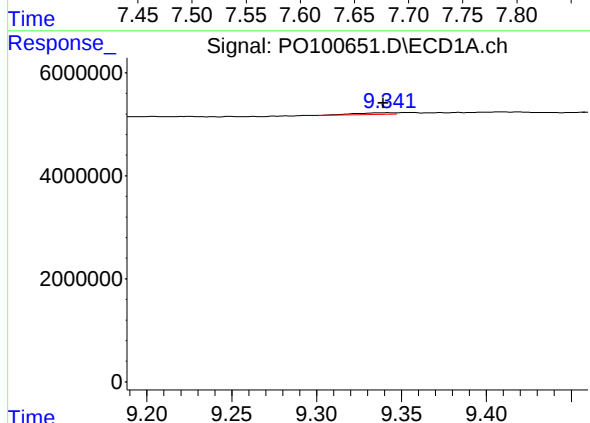
R.T.: 8.659 min
Delta R.T.: -0.029 min
Response: 3883502
Conc: 30.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



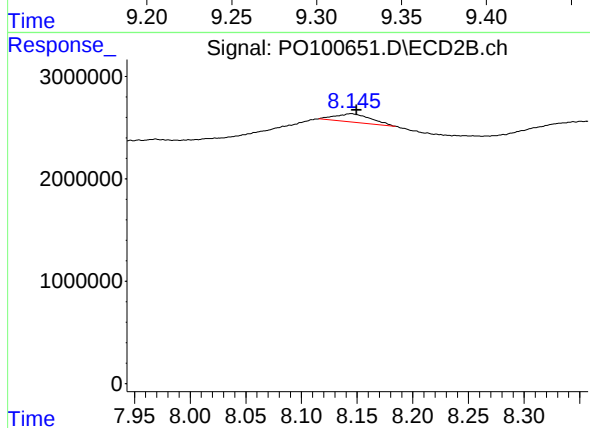
#39 AR-1262-4

R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 6018851
Conc: 40.74 ng/ml



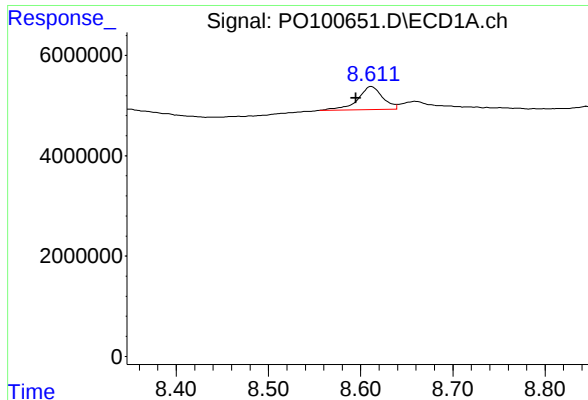
#40 AR-1262-5

R.T.: 9.342 min
Delta R.T.: 0.003 min
Response: 512818
Conc: 6.43 ng/ml



#40 AR-1262-5

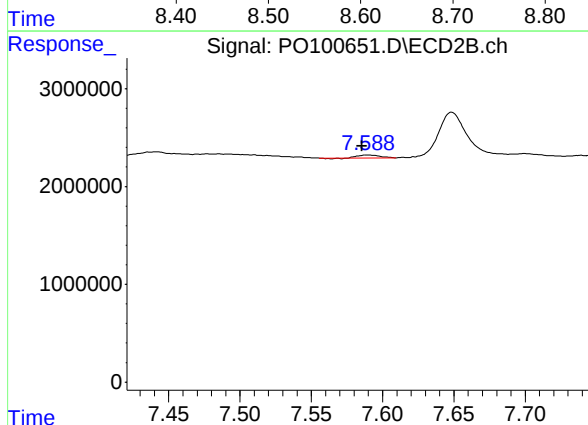
R.T.: 8.144 min
Delta R.T.: -0.005 min
Response: 1756372
Conc: 27.46 ng/ml



#41 AR-1268-1

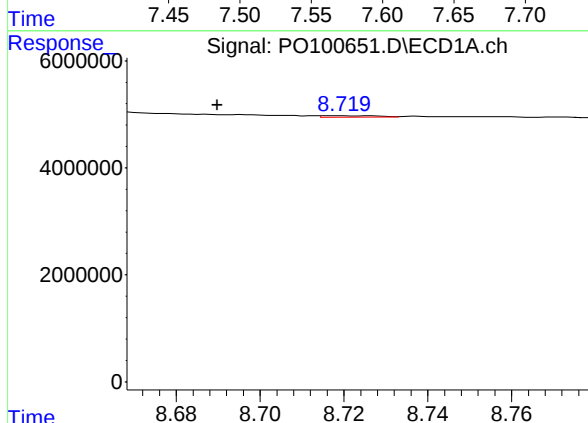
R.T.: 8.612 min
Delta R.T.: 0.017 min
Response: 8692671
Conc: 30.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



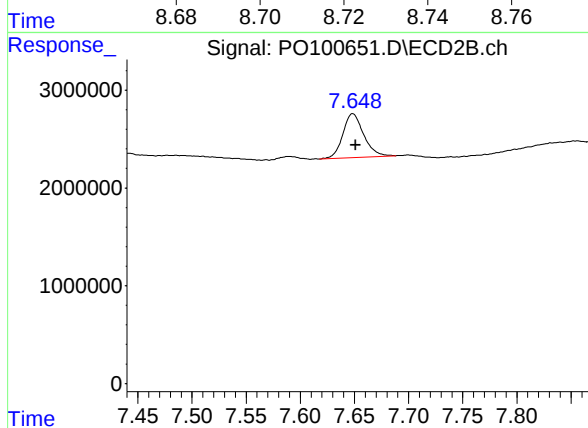
#41 AR-1268-1

R.T.: 7.589 min
Delta R.T.: 0.004 min
Response: 282419
Conc: 1.27 ng/ml



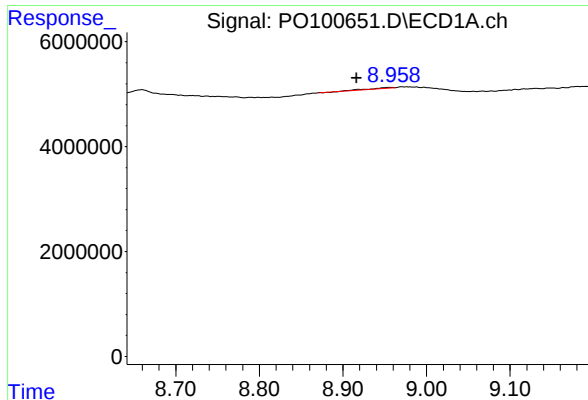
#42 AR-1268-2

R.T.: 8.719 min
Delta R.T.: 0.029 min
Response: 228807
Conc: 0.91 ng/ml



#42 AR-1268-2

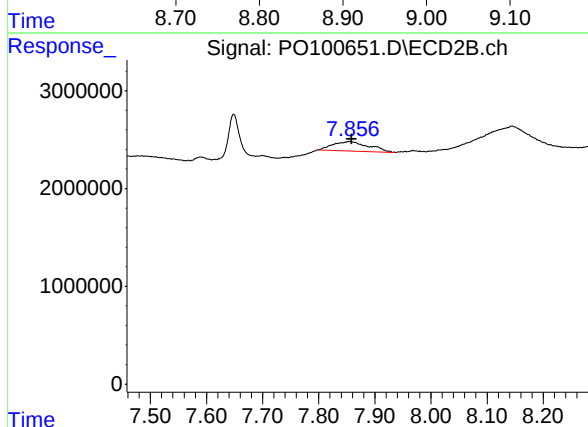
R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 6018851
Conc: 29.76 ng/ml



#43 AR-1268-3

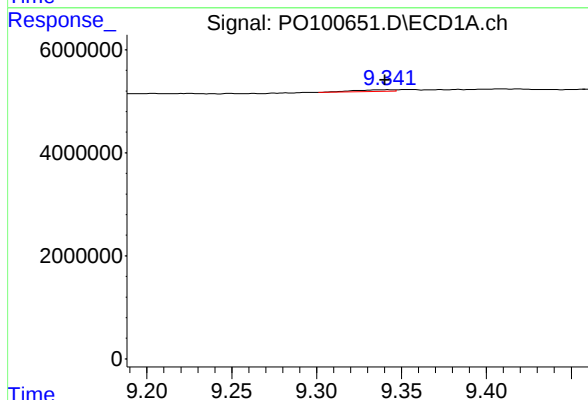
R.T.: 8.958 min
Delta R.T.: 0.042 min
Response: 254461
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



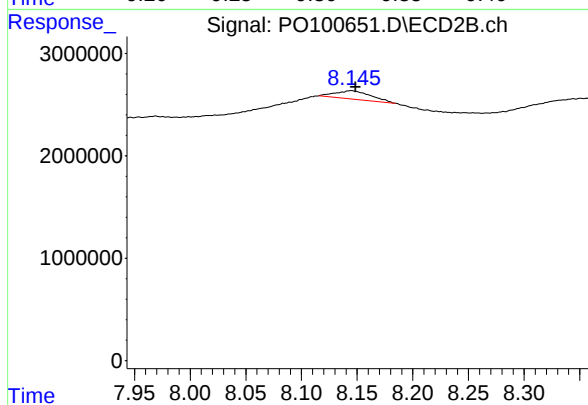
#43 AR-1268-3

R.T.: 7.855 min
Delta R.T.: -0.003 min
Response: 4244744
Conc: 22.50 ng/ml



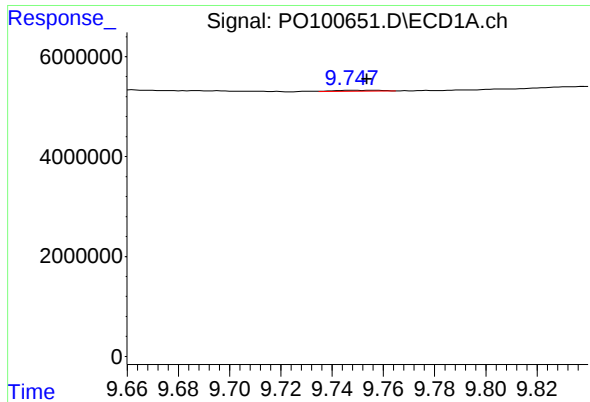
#44 AR-1268-4

R.T.: 9.342 min
Delta R.T.: 0.002 min
Response: 512818
Conc: 6.55 ng/ml



#44 AR-1268-4

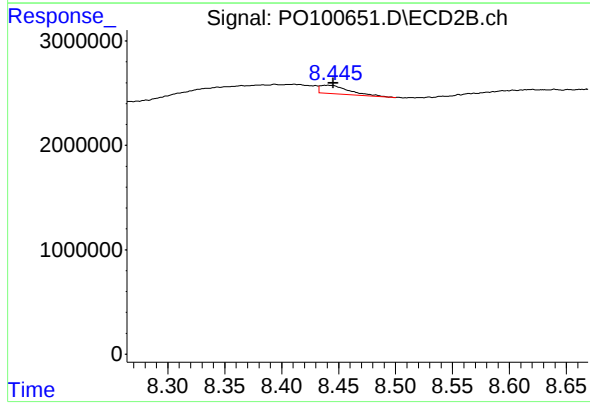
R.T.: 8.144 min
Delta R.T.: -0.004 min
Response: 1756372
Conc: 26.16 ng/ml



#45 AR-1268-5

R.T.: 9.748 min
Delta R.T.: -0.006 min
Response: 247833
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.439 min
Delta R.T.: -0.006 min
Response: 1340307
Conc: 2.58 ng/ml