

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062818\
 Data File : P0046381.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Jun 2018 23:36
 Operator : SM/UA
 Sample : J3748-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 C0AS8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 07:12:41 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 28 11:20:48 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.394	3.629	3463469	985927	8.423	5.848 #
2) SA Decachlor...	10.050	8.573	3931706	1390737	14.982	13.110
Target Compounds						
4) L1 AR-1016-2	5.583	4.943	1396890	1520190	107.886	411.058 #
5) L1 AR-1016-3	0.000	4.943	0	1520190	N.D.	349.083 #
6) L1 AR-1016-4	6.172	0.000	1401181	0	130.747	N.D. #
7) L1 AR-1016-5	6.405	5.499	90002768	17318772	10053.967	3764.698 #
9) L2 AR-1221-2	4.695	3.906	6658735	2065885	1874.917	1203.956 #
10) L2 AR-1221-3	4.695	0.000	6658735	0	609.500	N.D. #
12) L3 AR-1232-2	5.561	0.000	1077154	0	198.428	N.D. #
13) L3 AR-1232-3	5.561	0.000	1077154	0	137.289	N.D. #
14) L3 AR-1232-4	5.583	0.000	1396890	0	284.502	N.D. #
15) L3 AR-1232-5	0.000	4.943	0	1520190	N.D.	813.823 #
16) L4 AR-1242-1	5.561	0.000	1077154	0	69.420	N.D. #
17) L4 AR-1242-2	5.583	4.943	1396890	1520190	141.501	407.921 #
18) L4 AR-1242-3	0.000	4.943	0	1520190	N.D.	438.336 #
19) L4 AR-1242-4	6.032	0.000	1520283	0	198.394	N.D. #
20) L4 AR-1242-5	6.172	0.000	1401181	0	163.639	N.D. #
21) L5 AR-1248-1	6.032	0.000	1520283	0	130.249	N.D. #
22) L5 AR-1248-2	6.172	0.000	1401181	0	138.025	N.D. #
23) L5 AR-1248-3	6.405	5.499	90002768	17318772	6633.608	2396.940 #
24) L5 AR-1248-4	6.468	5.499	3089464	17318772	237.804	3215.584 #
25) L5 AR-1248-5	6.670	6.022	2396131	10017938	293.276	3021.086 #
26) L6 AR-1254-1	6.622	5.499	118.5E6	17318772	6050.949	2072.701 #
27) L6 AR-1254-2	6.898	5.644	18449641	21596191	1586.942	3103.385 #
28) L6 AR-1254-3	6.984	6.022	62456893	10017938	3132.077	970.081 #
29) L6 AR-1254-4	7.265	6.265	39080035	4530591	2756.019	661.899 #
30) L6 AR-1254-5	7.526	6.584	209.0E6	8714831	20677.386	1877.417 #
31) L7 AR-1260-1	7.146	6.169	358.8E6	64265894	22010.809	7814.118 #
32) L7 AR-1260-2	7.400	6.353	452.3E6	86984298	24263.920	8959.705 #
33) L7 AR-1260-3	7.678	6.677	574.8E6	108.4E6	28124.527	10740.717 #
34) L7 AR-1260-4	8.290	7.210	868.1E6	199.7E6	31992.359	13803.373 #
35) L7 AR-1260-5	8.606	7.554	549.3E6	153.3E6	31586.607	14337.369 #
36) L8 AR-1262-1	7.146	6.353	358.8E6	86984298	30140.417	12229.068 #
37) L8 AR-1262-2	7.400	6.505	452.3E6	82017515	34439.879	12313.160 #
38) L8 AR-1262-3	7.678	6.714	574.8E6	70526938	49892.514	8195.551 #
39) L8 AR-1262-4	7.979	6.972	384.8E6	69938367	25300.256	9645.755 #
40) L8 AR-1262-5	8.290	7.210	868.1E6	199.7E6	31362.616	14667.317 #
41) L9 AR-1268-1	8.606	7.491	549.3E6	36675928	18982.528	2675.334 #

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 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	8.663	7.554	295.1E6	153.3E6	11033.634	12025.233
43) L9	AR-1268-3	8.908	7.759	4595417	1535939	203.032	149.086 #
44) L9	AR-1268-4	9.318	8.045	226.7E6	54537407	22554.449	11546.608 #
45) L9	AR-1268-5	9.720	8.326	41354653	11034194	569.477	413.458 #

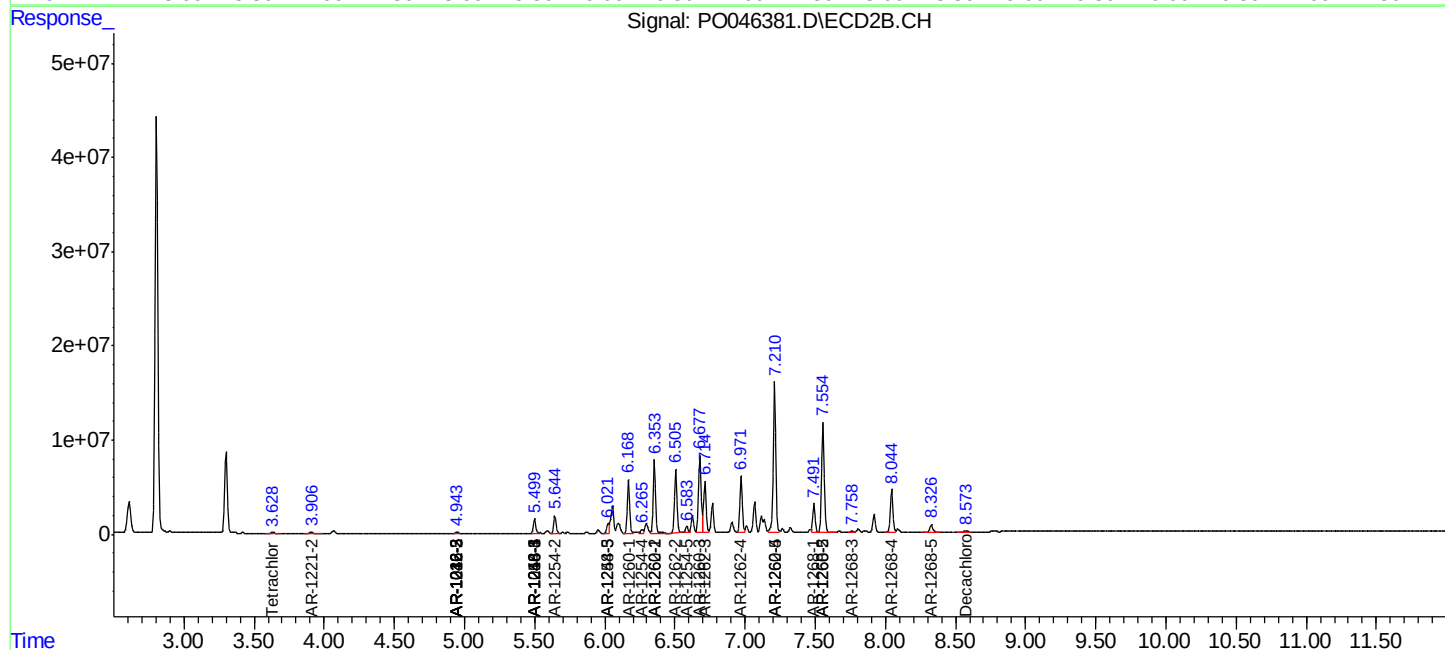
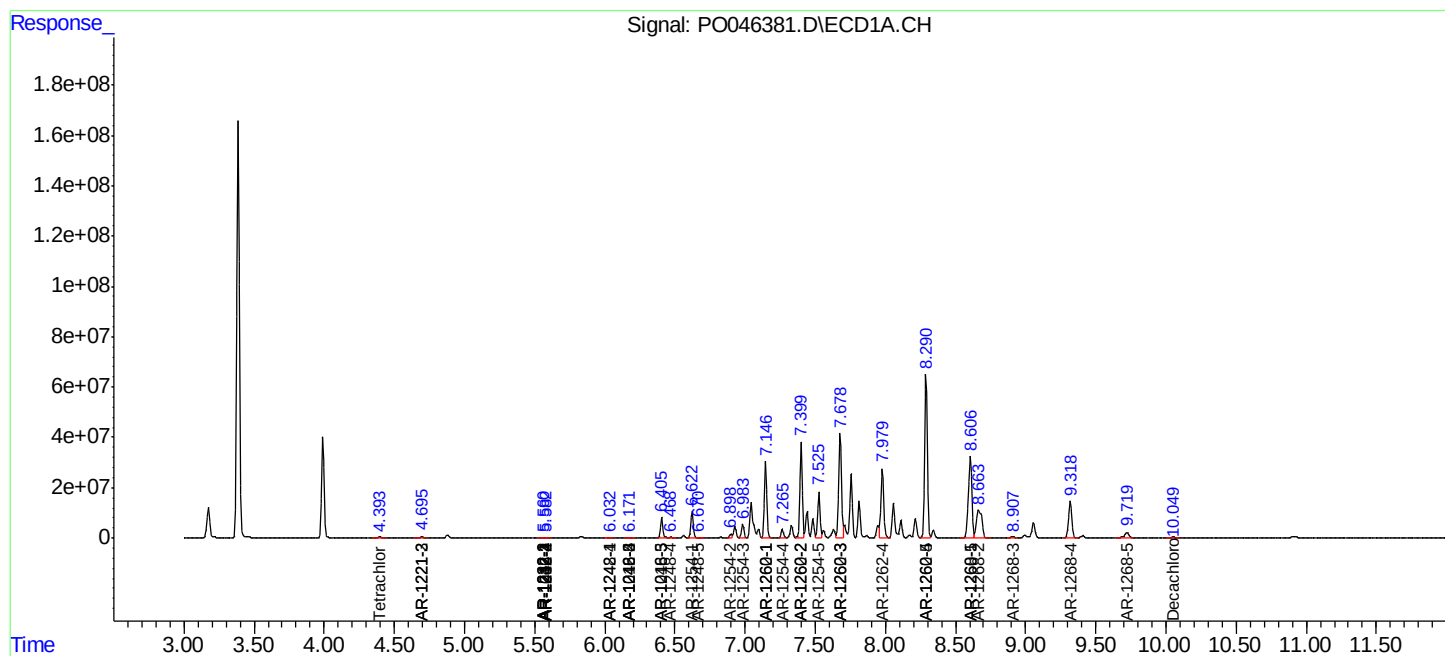
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

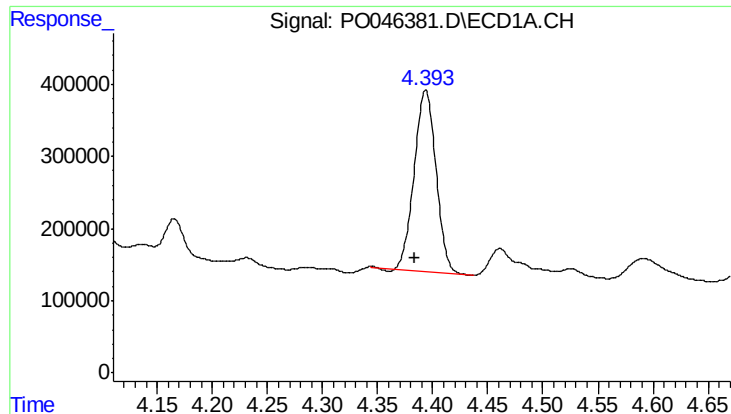
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

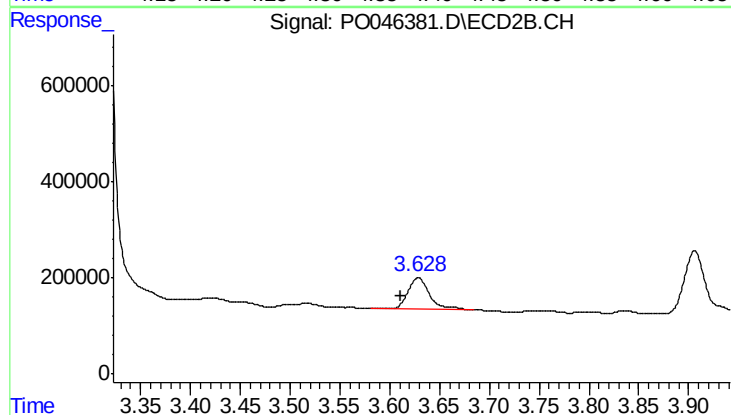




#1 Tetrachloro-m-xylene

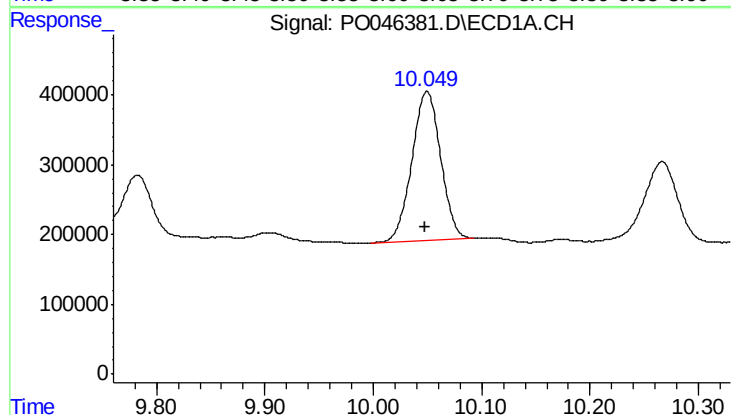
R.T.: 4.394 min
Delta R.T.: 0.010 min
Response: 3463469
Conc: 8.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



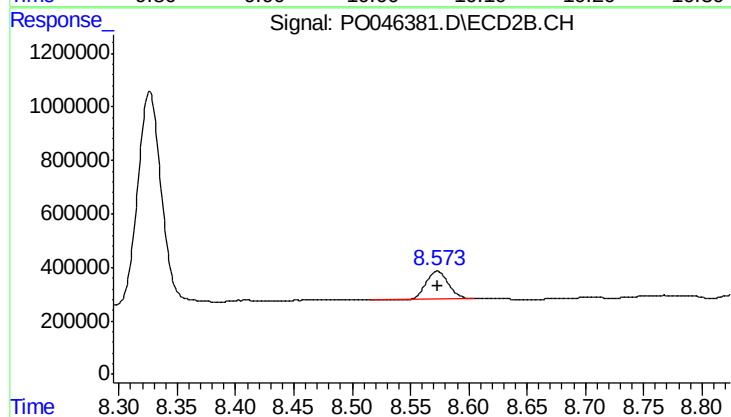
#1 Tetrachloro-m-xylene

R.T.: 3.629 min
Delta R.T.: 0.018 min
Response: 985927
Conc: 5.85 ng/ml



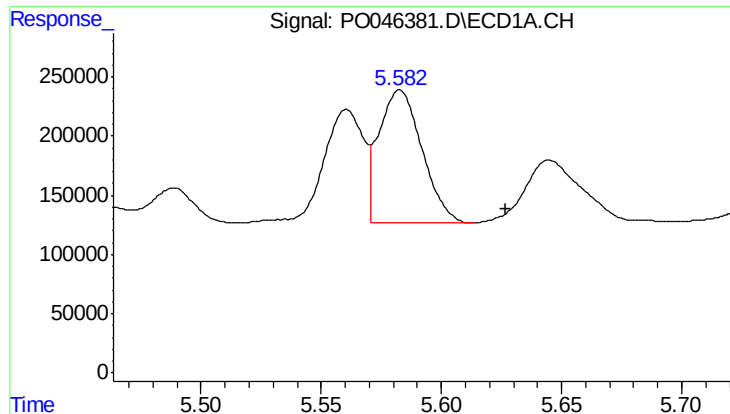
#2 Decachlorobiphenyl

R.T.: 10.050 min
Delta R.T.: 0.001 min
Response: 3931706
Conc: 14.98 ng/ml



#2 Decachlorobiphenyl

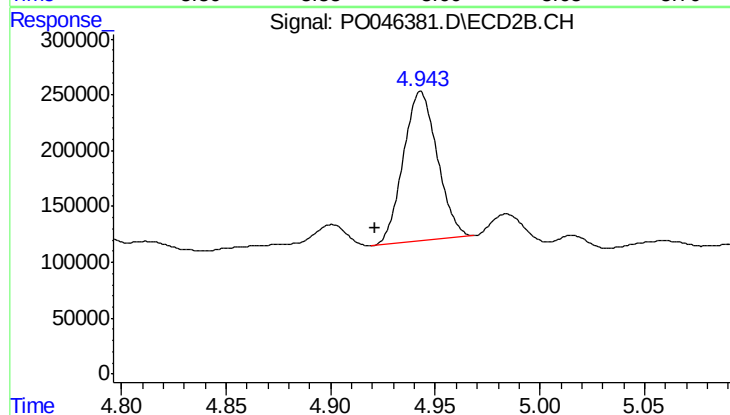
R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 1390737
Conc: 13.11 ng/ml



#4 AR-1016-2

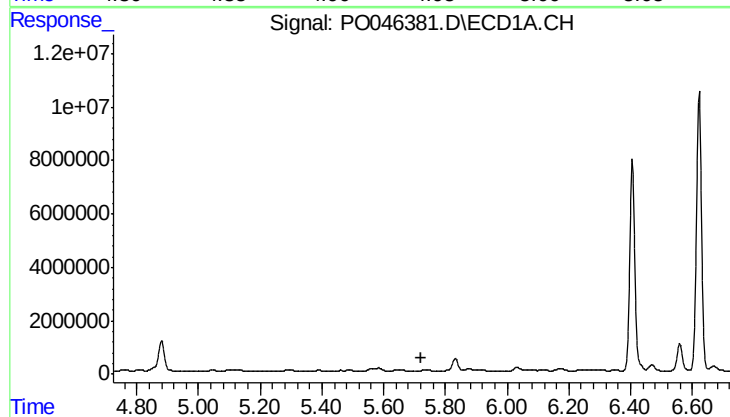
R.T.: 5.583 min
Delta R.T.: -0.044 min
Response: 1396890
Conc: 107.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



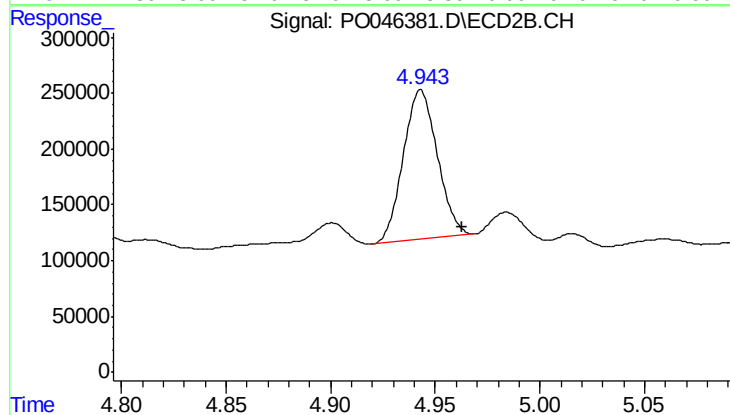
#4 AR-1016-2

R.T.: 4.943 min
Delta R.T.: 0.021 min
Response: 1520190
Conc: 411.06 ng/ml



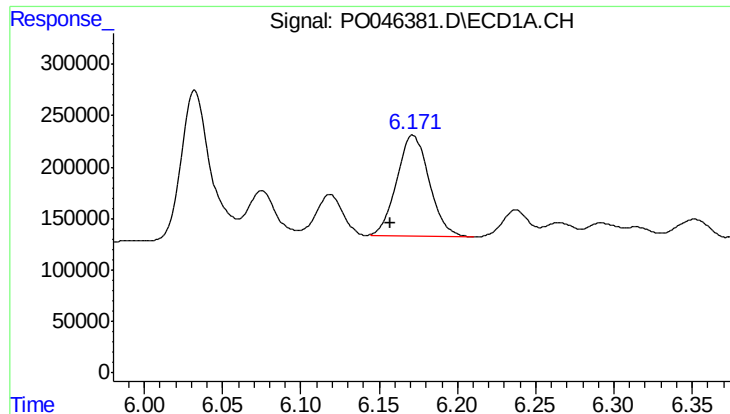
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 5.724 min
Response: 0
Conc: N.D.



#5 AR-1016-3

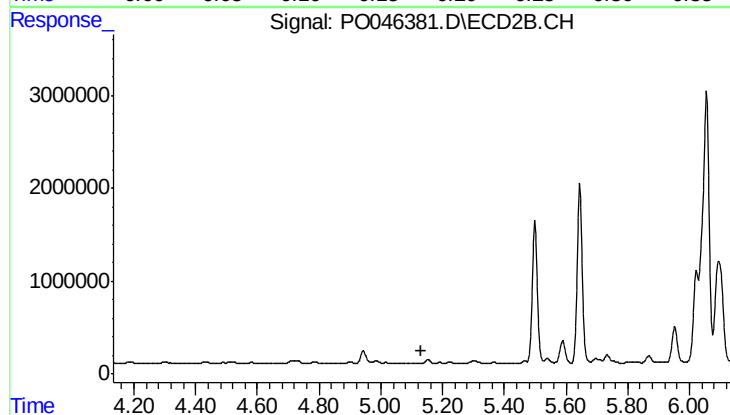
R.T.: 4.943 min
Delta R.T.: -0.020 min
Response: 1520190
Conc: 349.08 ng/ml



#6 AR-1016-4

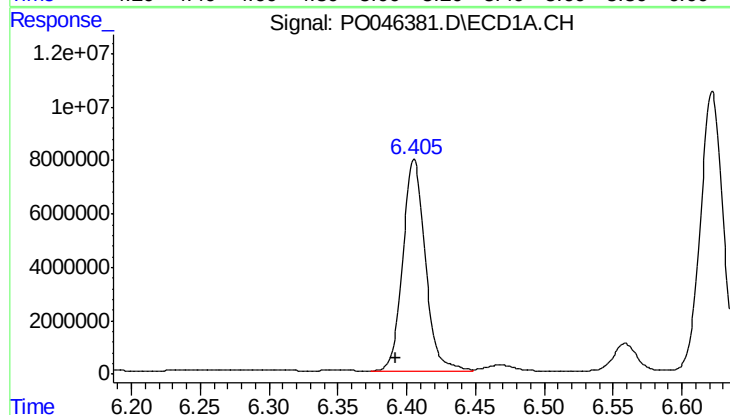
R.T.: 6.172 min
Delta R.T.: 0.015 min
Response: 1401181
Conc: 130.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



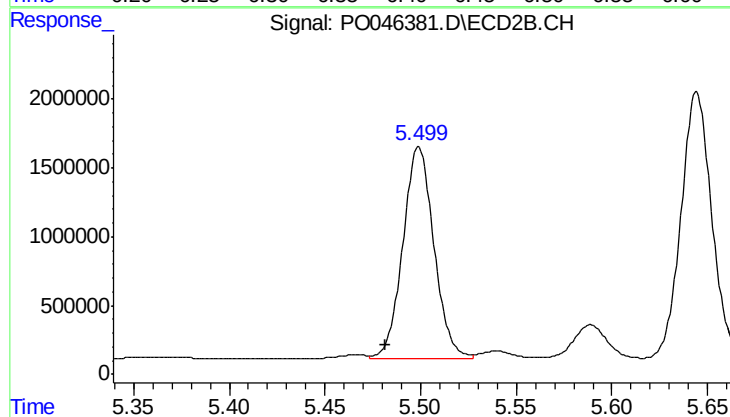
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.133 min
Response: 0
Conc: N.D.



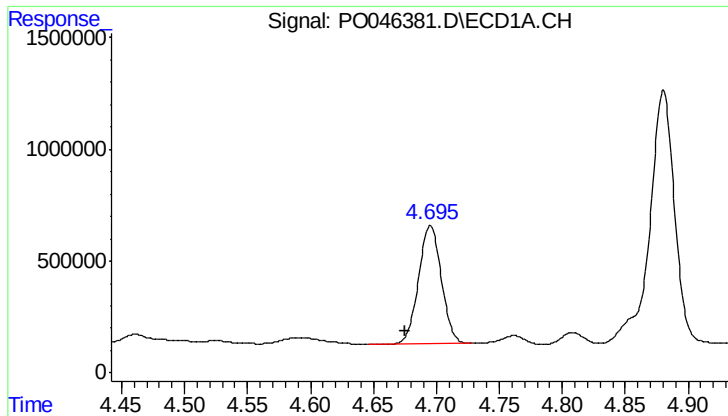
#7 AR-1016-5

R.T.: 6.405 min
Delta R.T.: 0.013 min
Response: 90002768
Conc: 10053.97 ng/ml



#7 AR-1016-5

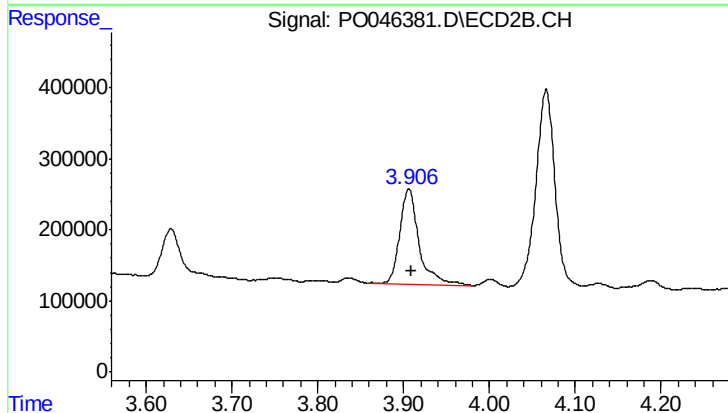
R.T.: 5.499 min
Delta R.T.: 0.017 min
Response: 17318772
Conc: 3764.70 ng/ml



#9 AR-1221-2

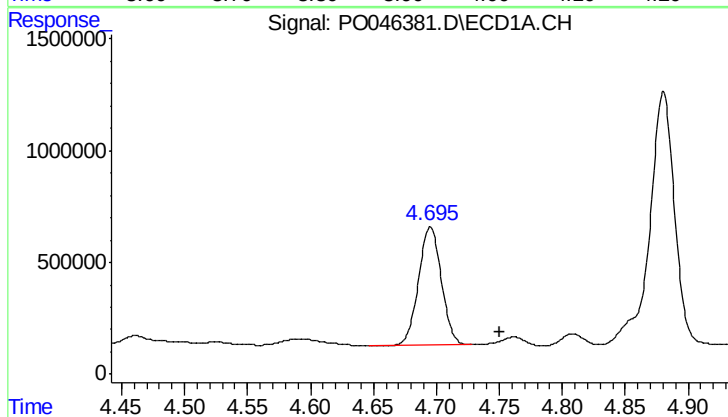
R.T.: 4.695 min
Delta R.T.: 0.020 min
Response: 6658735
Conc: 1874.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



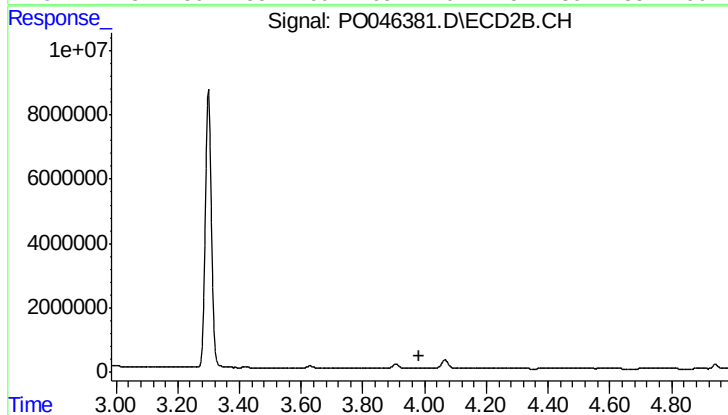
#9 AR-1221-2

R.T.: 3.906 min
Delta R.T.: -0.003 min
Response: 2065885
Conc: 1203.96 ng/ml



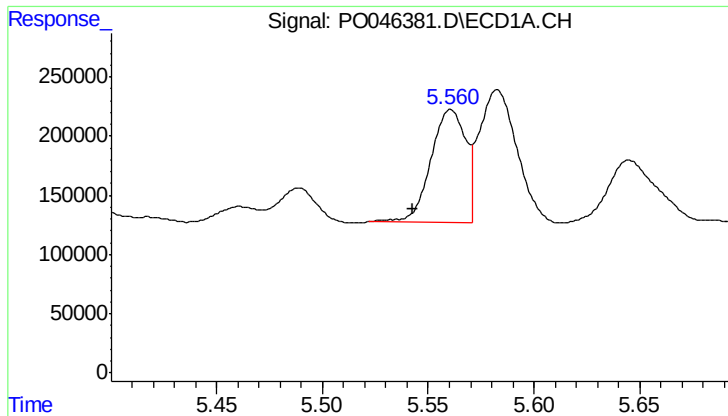
#10 AR-1221-3

R.T.: 4.695 min
Delta R.T.: -0.056 min
Response: 6658735
Conc: 609.50 ng/ml



#10 AR-1221-3

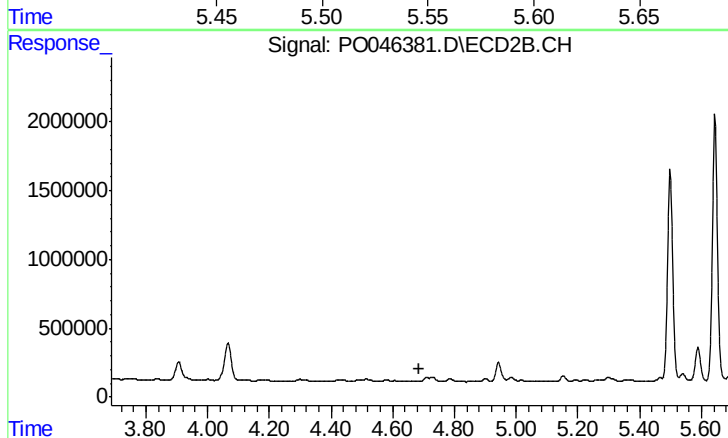
R.T.: 0.000 min
Exp R.T.: 3.985 min
Response: 0
Conc: N.D.



#12 AR-1232-2

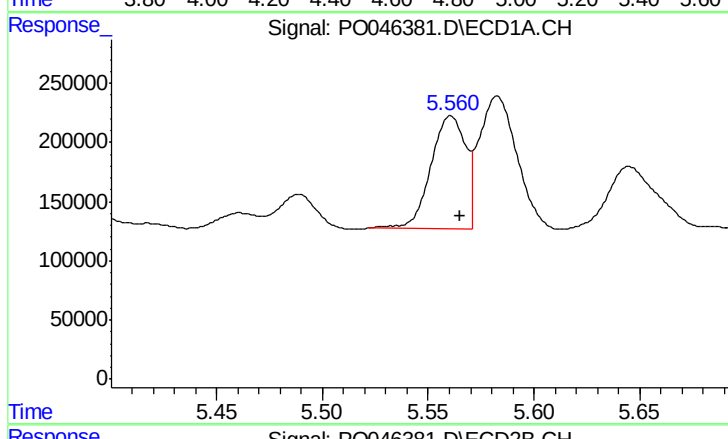
R.T.: 5.561 min
Delta R.T.: 0.018 min
Response: 1077154
Conc: 198.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



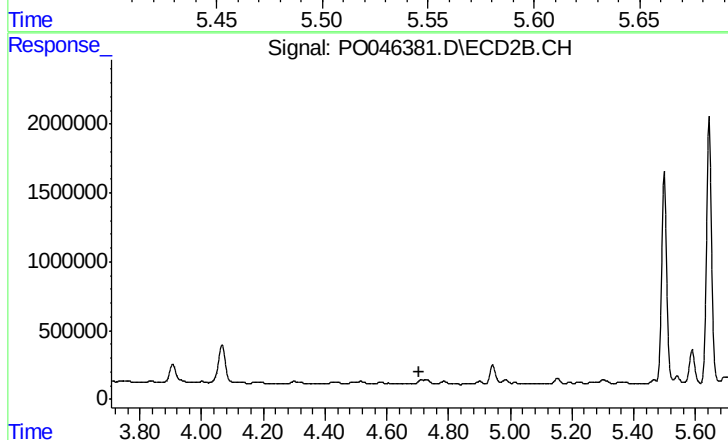
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 4.688 min
Response: 0
Conc: N.D.



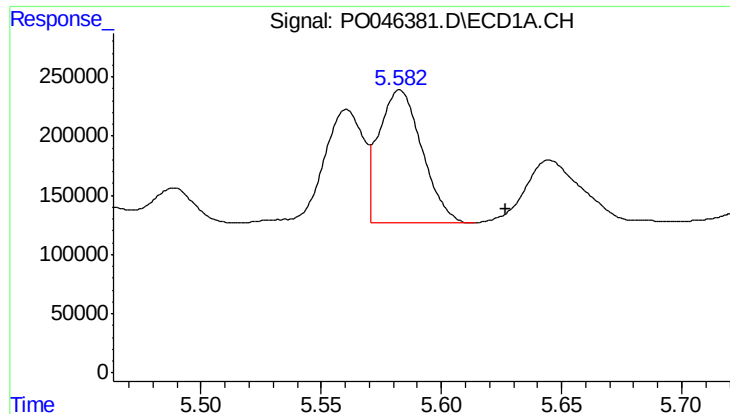
#13 AR-1232-3

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 1077154
Conc: 137.29 ng/ml



#13 AR-1232-3

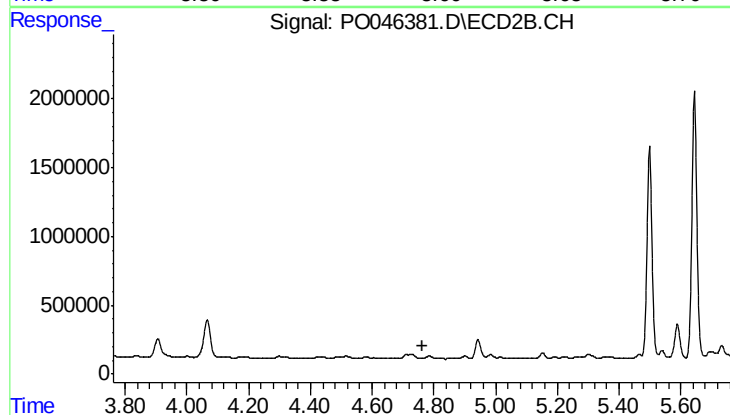
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.



#14 AR-1232-4

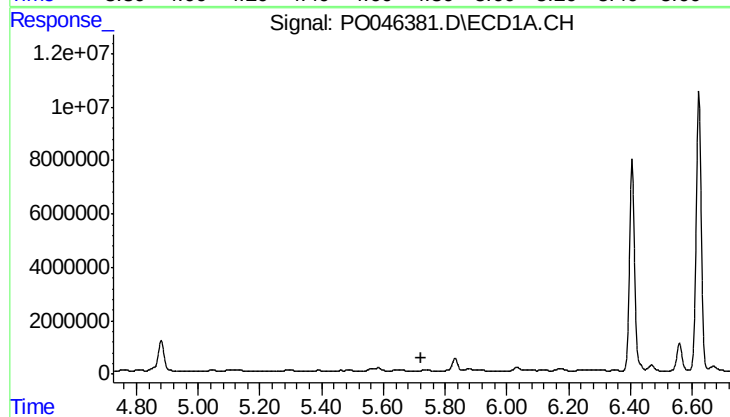
R.T.: 5.583 min
Delta R.T.: -0.044 min
Response: 1396890
Conc: 284.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



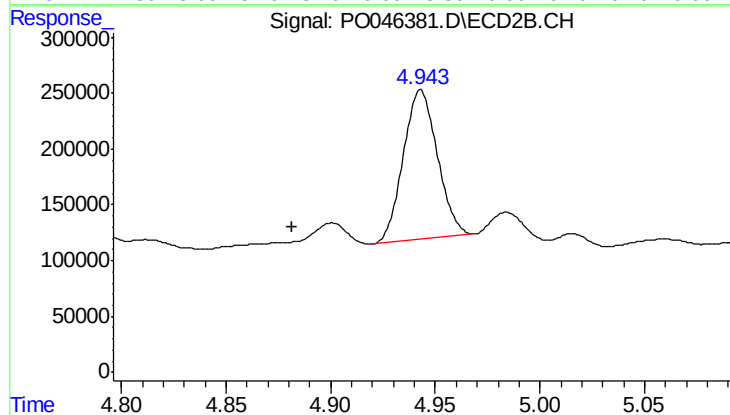
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 4.762 min
Response: 0
Conc: N.D.



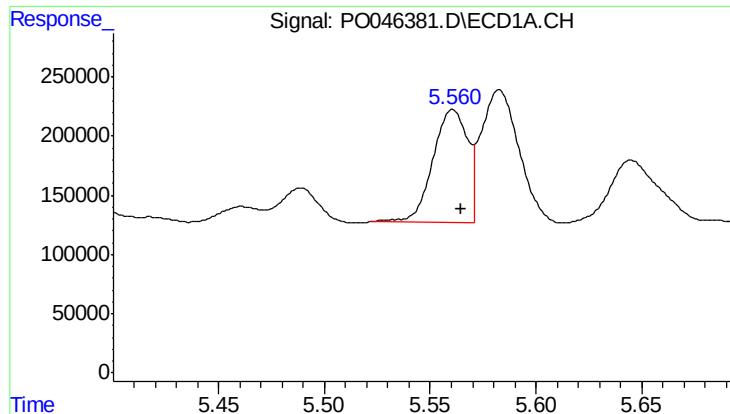
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.725 min
Response: 0
Conc: N.D.



#15 AR-1232-5

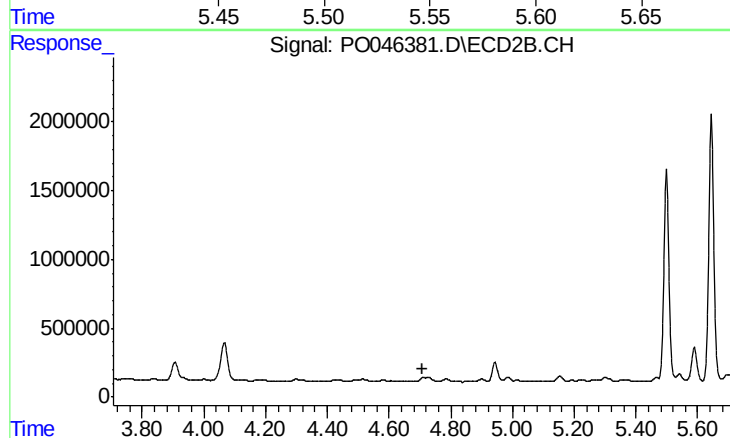
R.T.: 4.943 min
Delta R.T.: 0.062 min
Response: 1520190
Conc: 813.82 ng/ml



#16 AR-1242-1

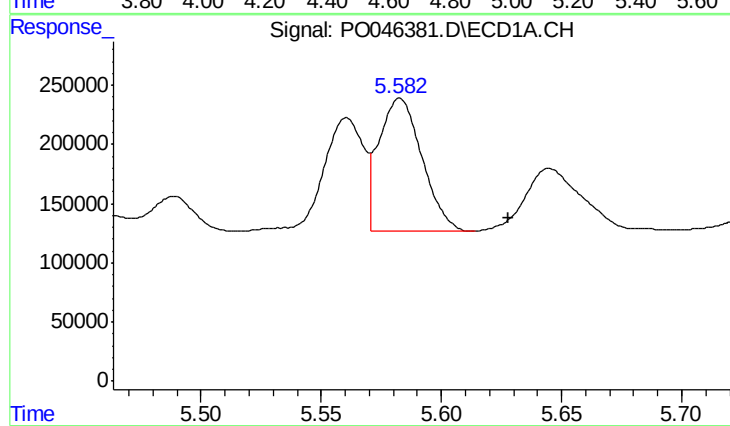
R.T.: 5.561 min
Delta R.T.: -0.004 min
Response: 1077154
Conc: 69.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



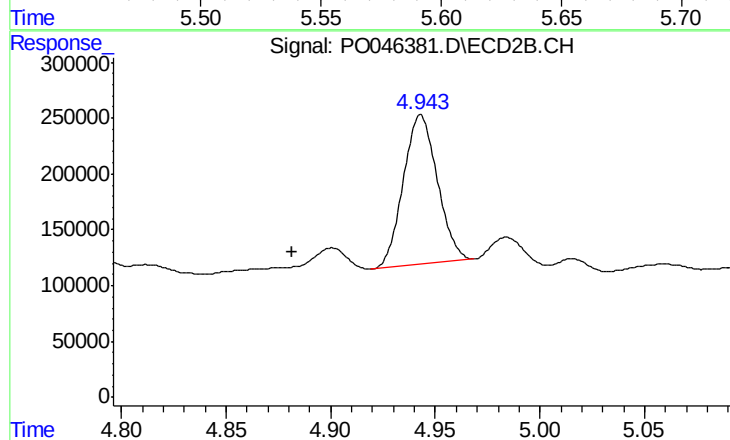
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.



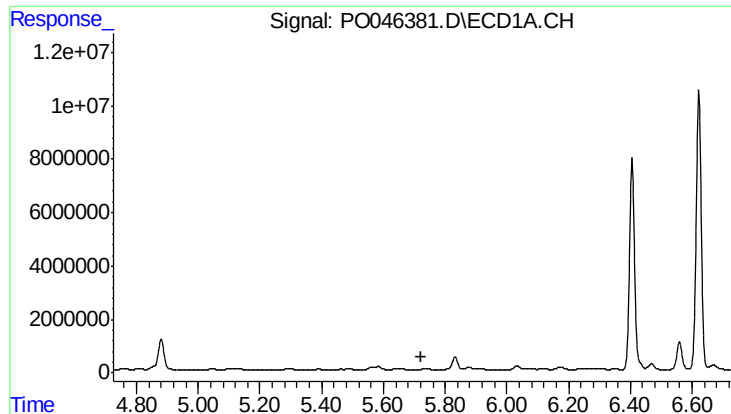
#17 AR-1242-2

R.T.: 5.583 min
Delta R.T.: -0.045 min
Response: 1396890
Conc: 141.50 ng/ml



#17 AR-1242-2

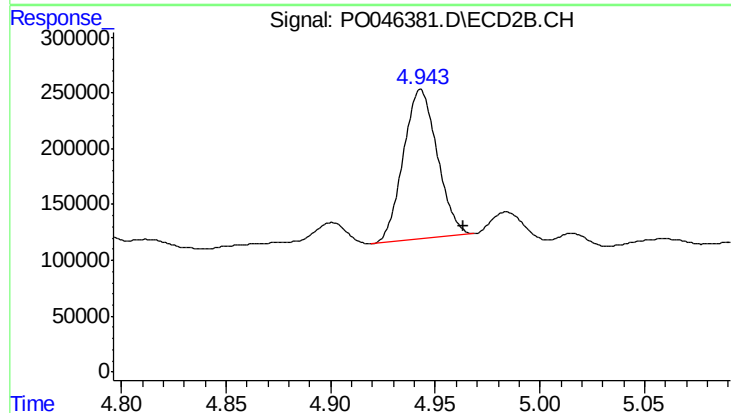
R.T.: 4.943 min
Delta R.T.: 0.061 min
Response: 1520190
Conc: 407.92 ng/ml



#18 AR-1242-3

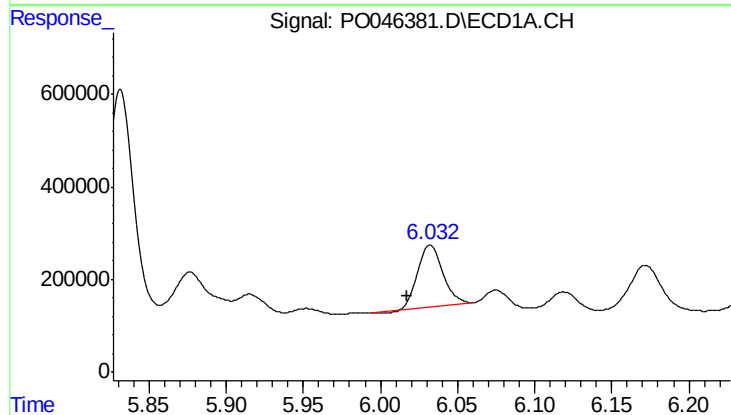
R.T.: 0.000 min
Exp R.T.: 5.725 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
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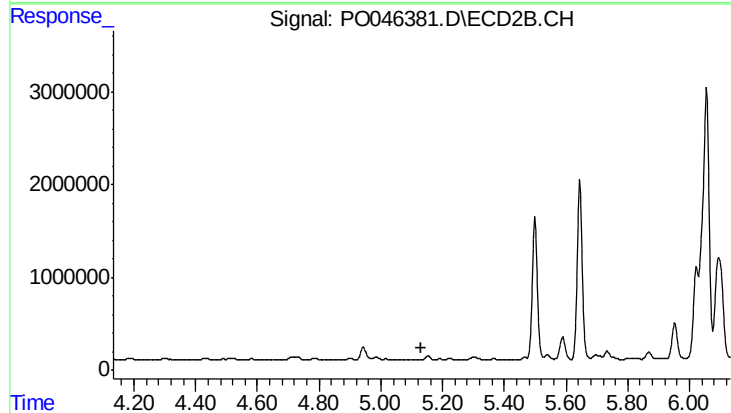
#18 AR-1242-3

R.T.: 4.943 min
Delta R.T.: -0.021 min
Response: 1520190
Conc: 438.34 ng/ml



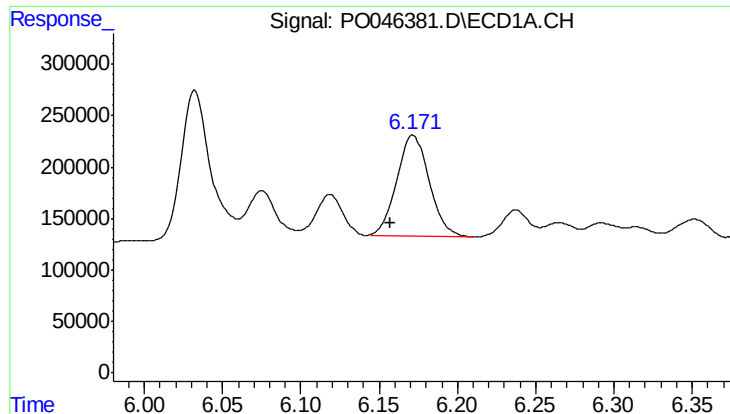
#19 AR-1242-4

R.T.: 6.032 min
Delta R.T.: 0.015 min
Response: 1520283
Conc: 198.39 ng/ml



#19 AR-1242-4

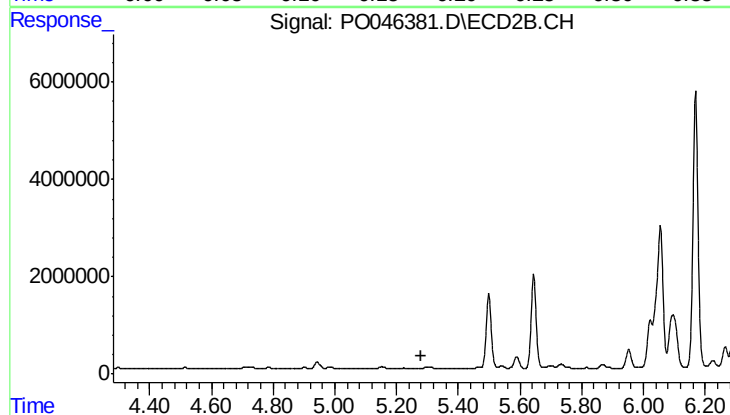
R.T.: 0.000 min
Exp R.T.: 5.133 min
Response: 0
Conc: N.D.



#20 AR-1242-5

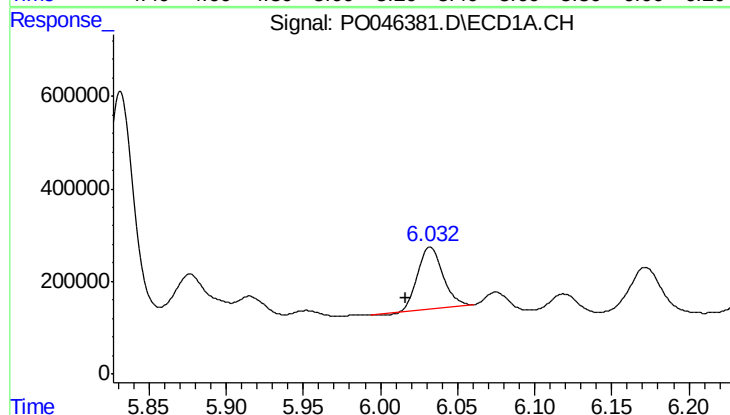
R.T.: 6.172 min
Delta R.T.: 0.014 min
Response: 1401181
Conc: 163.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



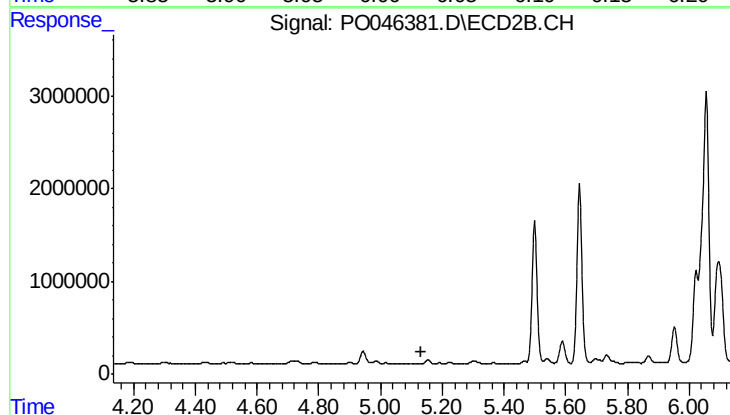
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 5.282 min
Response: 0
Conc: N.D.



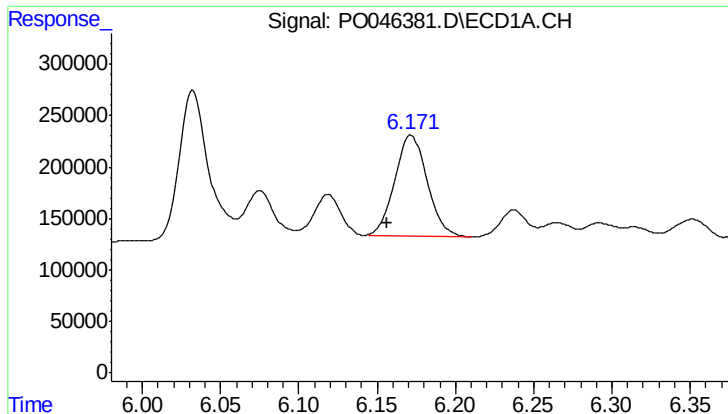
#21 AR-1248-1

R.T.: 6.032 min
Delta R.T.: 0.015 min
Response: 1520283
Conc: 130.25 ng/ml



#21 AR-1248-1

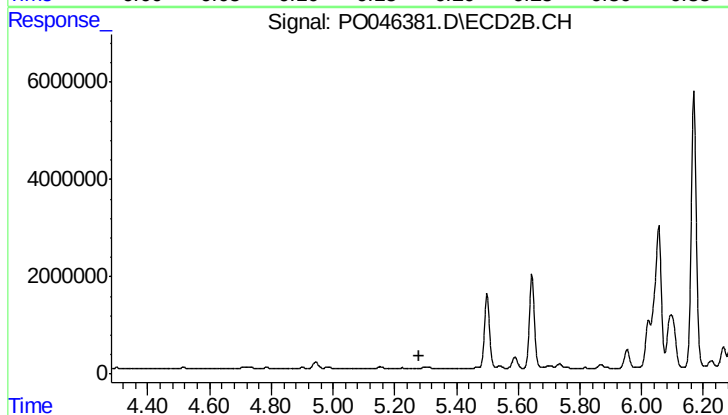
R.T.: 0.000 min
Exp R.T.: 5.134 min
Response: 0
Conc: N.D.



#22 AR-1248-2

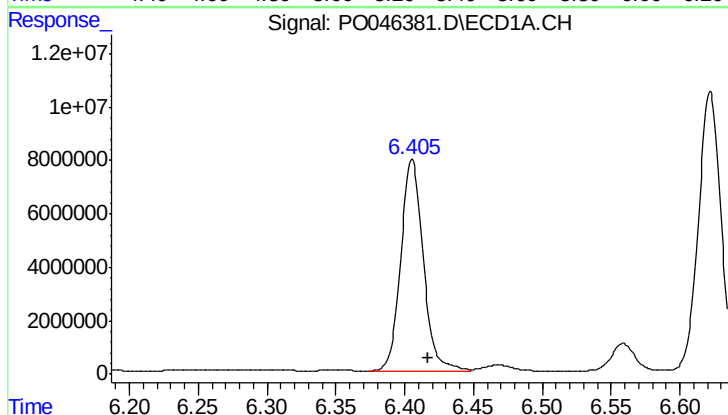
R.T.: 6.172 min
Delta R.T.: 0.015 min
Response: 1401181
Conc: 138.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



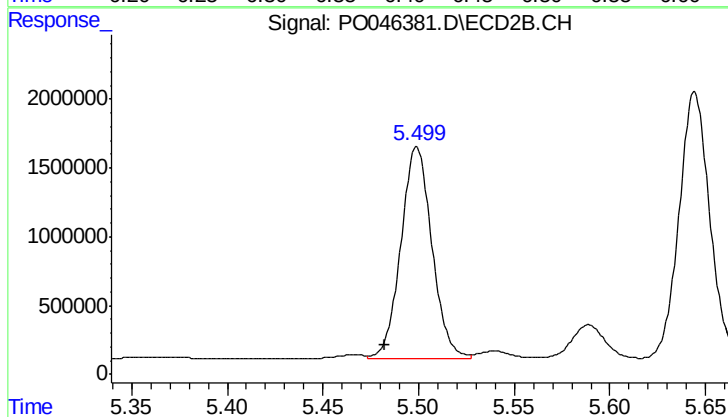
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.281 min
Response: 0
Conc: N.D.



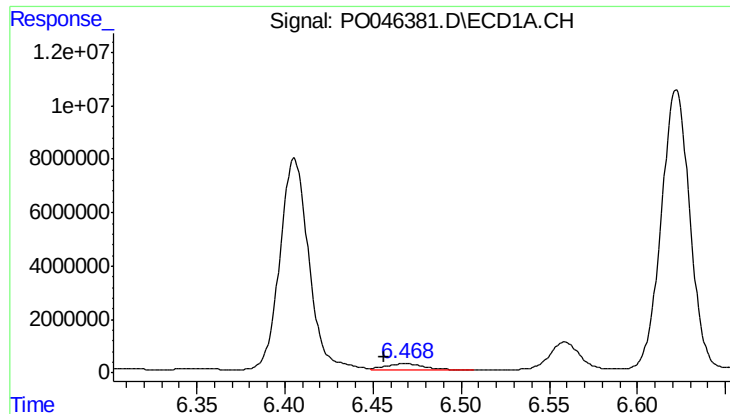
#23 AR-1248-3

R.T.: 6.405 min
Delta R.T.: -0.012 min
Response: 90002768
Conc: 6633.61 ng/ml



#23 AR-1248-3

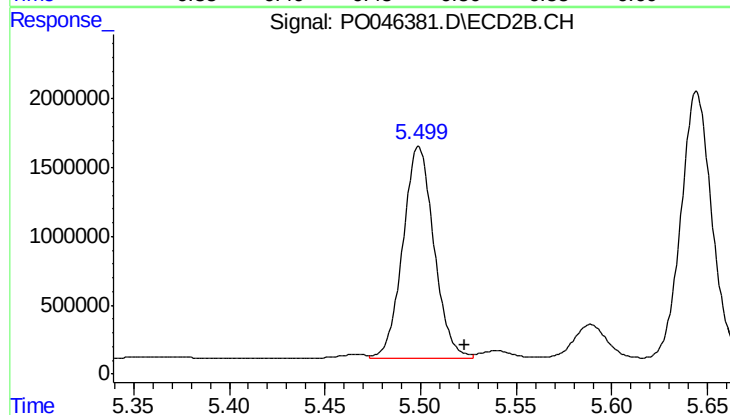
R.T.: 5.499 min
Delta R.T.: 0.017 min
Response: 17318772
Conc: 2396.94 ng/ml



#24 AR-1248-4

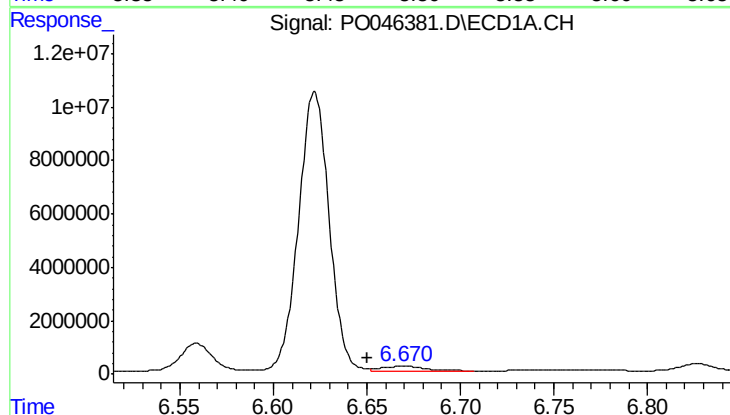
R.T.: 6.468 min
Delta R.T.: 0.012 min
Response: 3089464
Conc: 237.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



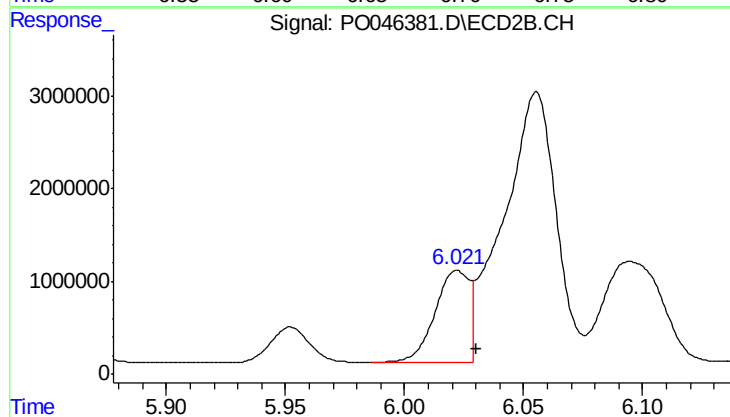
#24 AR-1248-4

R.T.: 5.499 min
Delta R.T.: -0.024 min
Response: 17318772
Conc: 3215.58 ng/ml



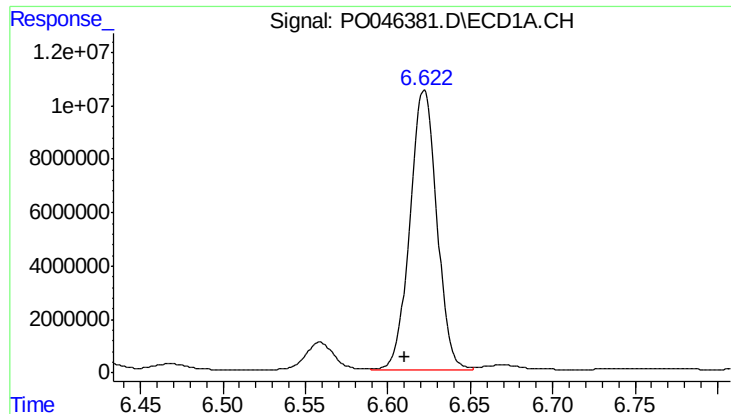
#25 AR-1248-5

R.T.: 6.670 min
Delta R.T.: 0.019 min
Response: 2396131
Conc: 293.28 ng/ml



#25 AR-1248-5

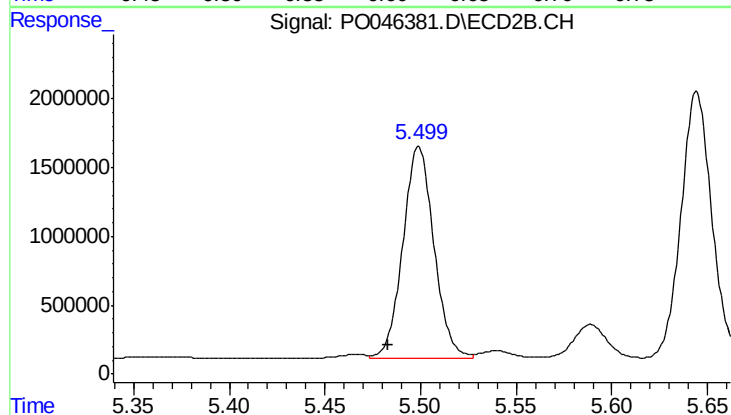
R.T.: 6.022 min
Delta R.T.: -0.008 min
Response: 10017938
Conc: 3021.09 ng/ml



#26 AR-1254-1

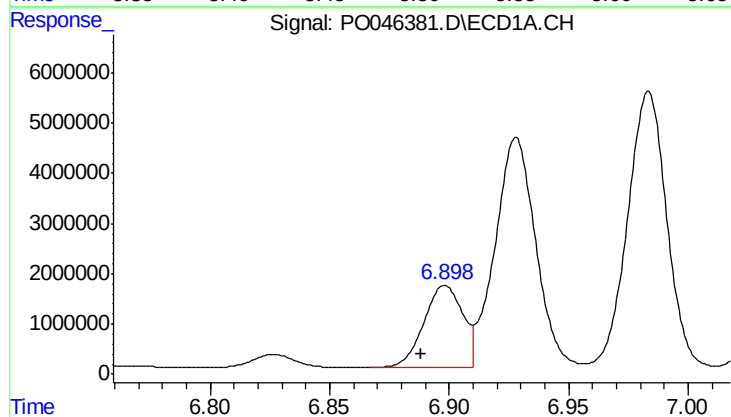
R.T.: 6.622 min
Delta R.T.: 0.012 min
Response: 118519812
Conc: 6050.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



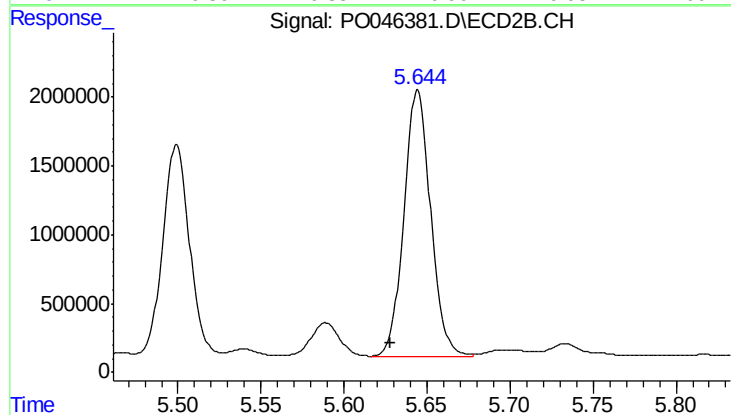
#26 AR-1254-1

R.T.: 5.499 min
Delta R.T.: 0.016 min
Response: 17318772
Conc: 2072.70 ng/ml



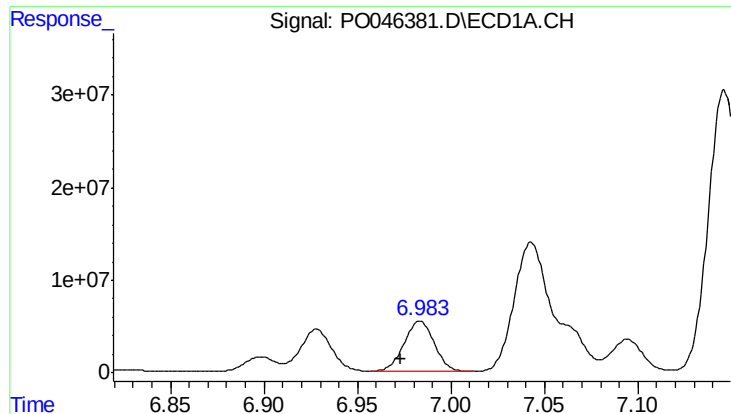
#27 AR-1254-2

R.T.: 6.898 min
Delta R.T.: 0.010 min
Response: 18449641
Conc: 1586.94 ng/ml



#27 AR-1254-2

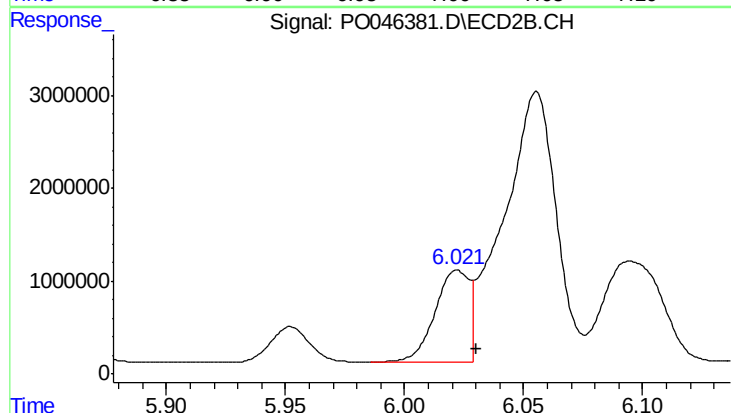
R.T.: 5.644 min
Delta R.T.: 0.016 min
Response: 21596191
Conc: 3103.39 ng/ml



#28 AR-1254-3

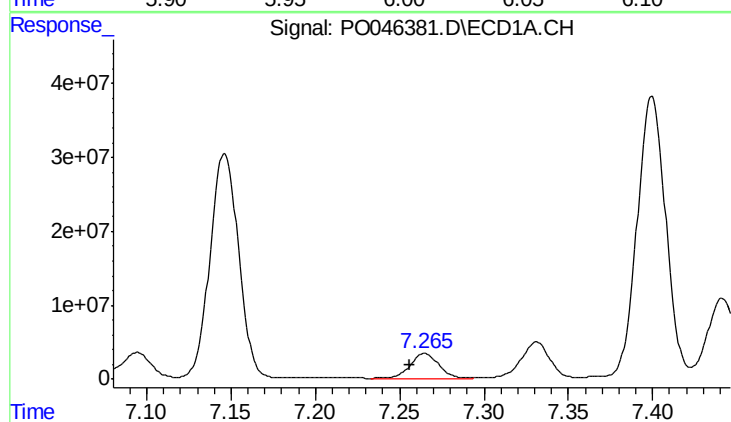
R.T.: 6.984 min
Delta R.T.: 0.011 min
Response: 62456893
Conc: 3132.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



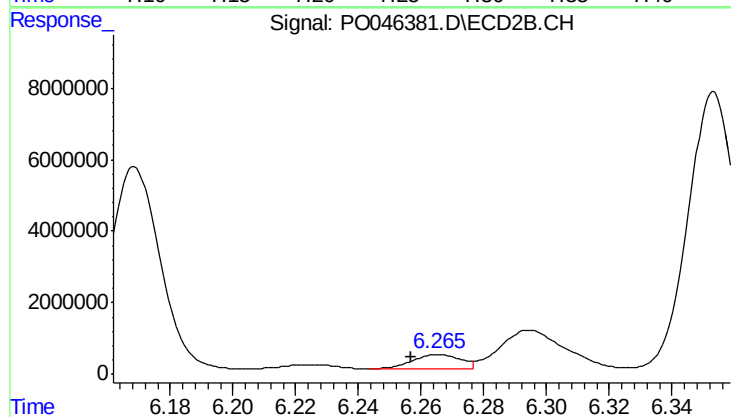
#28 AR-1254-3

R.T.: 6.022 min
Delta R.T.: -0.008 min
Response: 10017938
Conc: 970.08 ng/ml



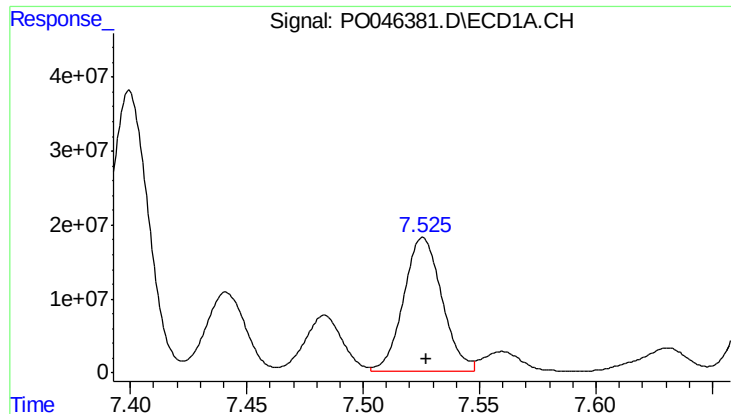
#29 AR-1254-4

R.T.: 7.265 min
Delta R.T.: 0.009 min
Response: 39080035
Conc: 2756.02 ng/ml



#29 AR-1254-4

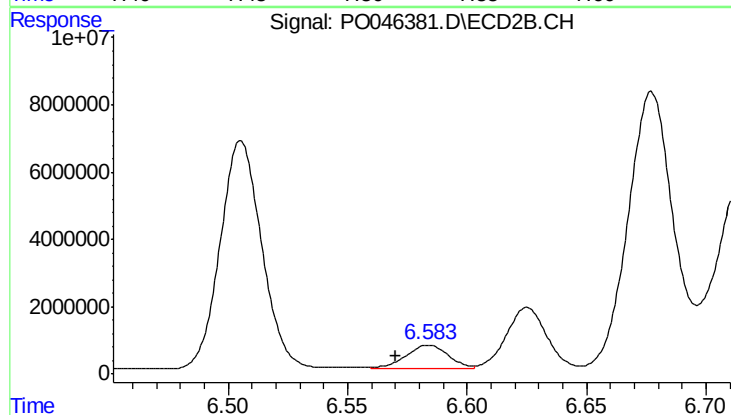
R.T.: 6.265 min
Delta R.T.: 0.009 min
Response: 4530591
Conc: 661.90 ng/ml



#30 AR-1254-5

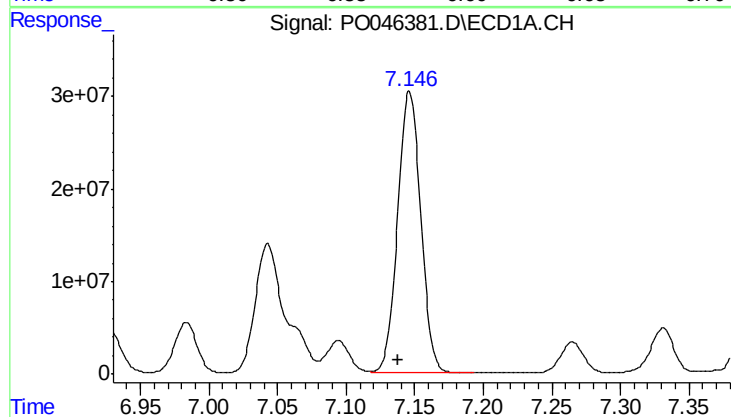
R.T.: 7.526 min
Delta R.T.: -0.002 min
Response: 209001536
Conc: 20677.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



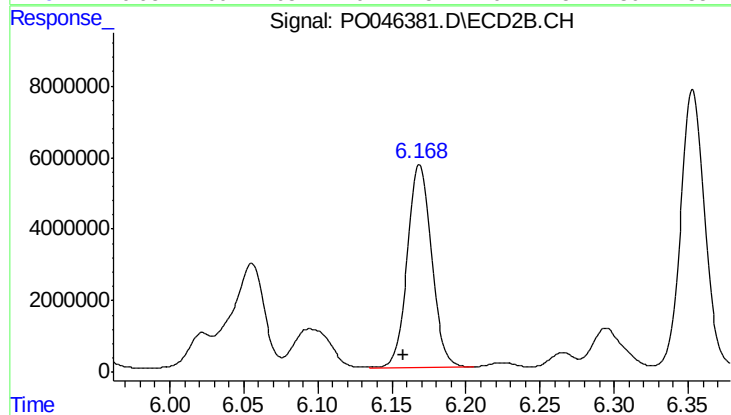
#30 AR-1254-5

R.T.: 6.584 min
Delta R.T.: 0.014 min
Response: 8714831
Conc: 1877.42 ng/ml



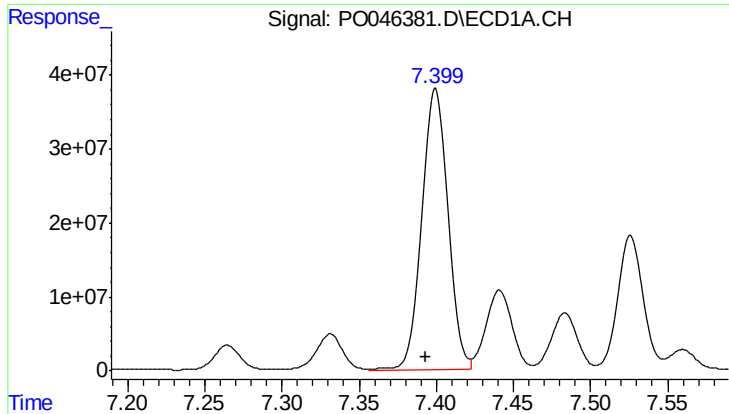
#31 AR-1260-1

R.T.: 7.146 min
Delta R.T.: 0.008 min
Response: 358805523
Conc: 22010.81 ng/ml



#31 AR-1260-1

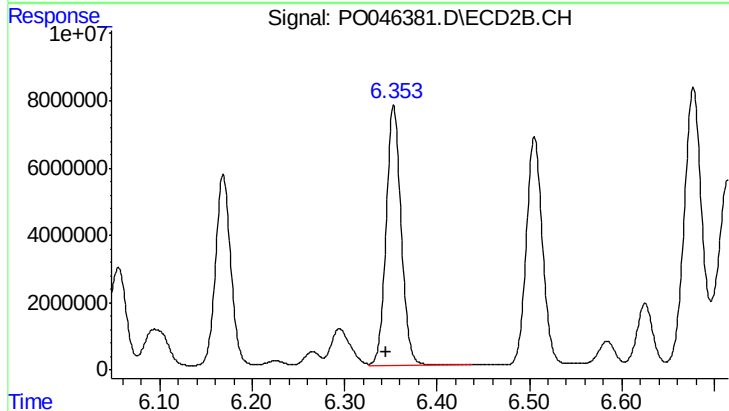
R.T.: 6.169 min
Delta R.T.: 0.011 min
Response: 64265894
Conc: 7814.12 ng/ml



#32 AR-1260-2

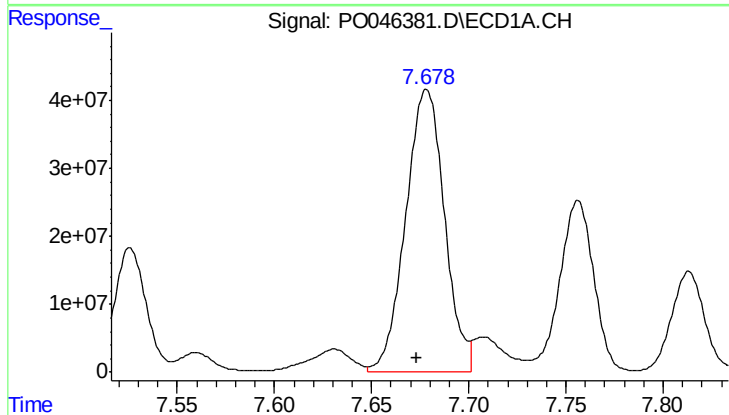
R.T.: 7.400 min
Delta R.T.: 0.007 min
Response: 452284514
Conc: 24263.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



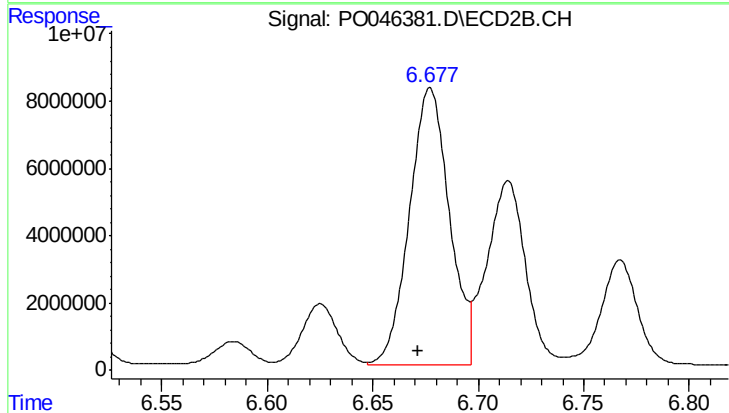
#32 AR-1260-2

R.T.: 6.353 min
Delta R.T.: 0.008 min
Response: 86984298
Conc: 8959.70 ng/ml



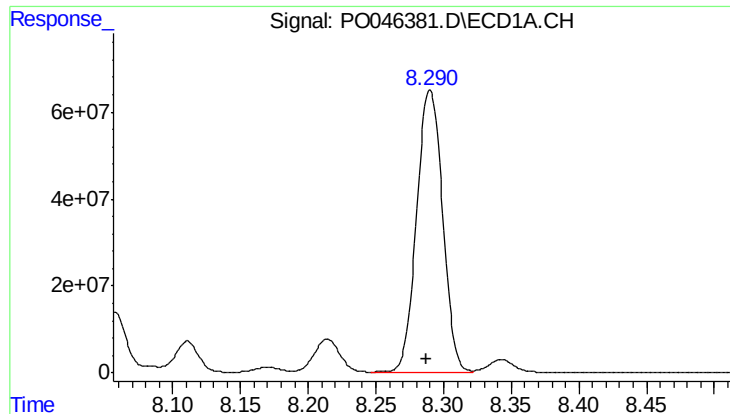
#33 AR-1260-3

R.T.: 7.678 min
Delta R.T.: 0.005 min
Response: 574838859
Conc: 28124.53 ng/ml



#33 AR-1260-3

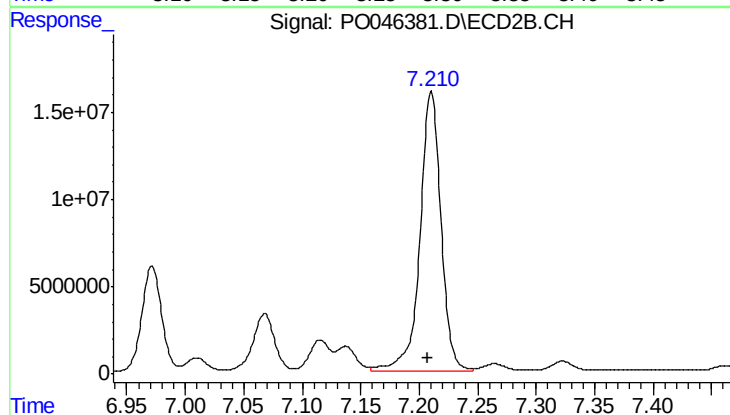
R.T.: 6.677 min
Delta R.T.: 0.006 min
Response: 108408141
Conc: 10740.72 ng/ml



#34 AR-1260-4

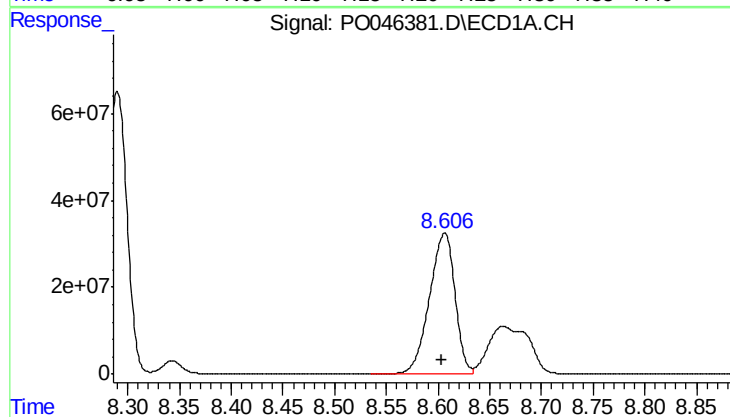
R.T.: 8.290 min
Delta R.T.: 0.003 min
Response: 868052576
Conc: 31992.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



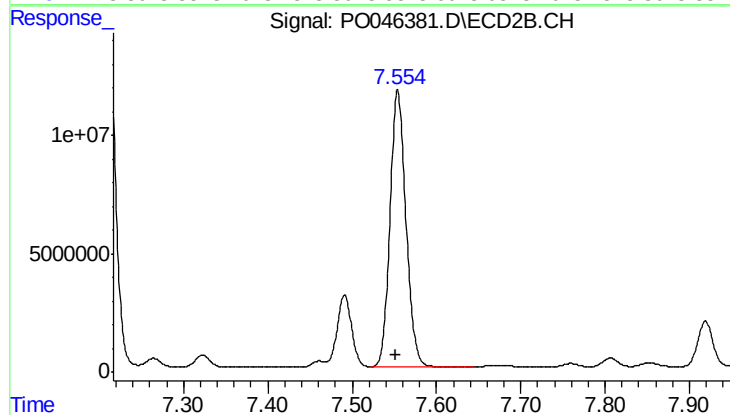
#34 AR-1260-4

R.T.: 7.210 min
Delta R.T.: 0.003 min
Response: 199731585
Conc: 13803.37 ng/ml



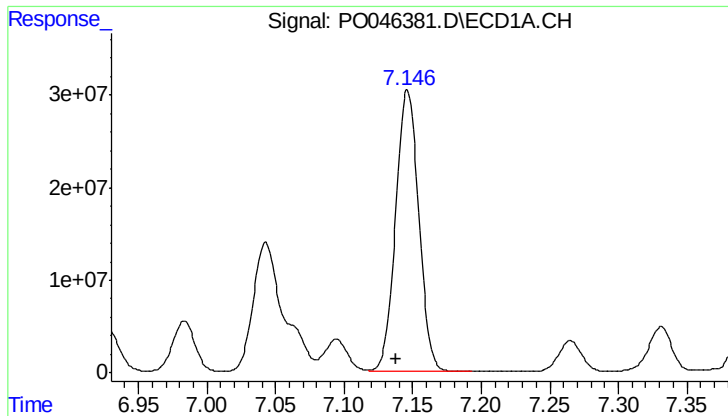
#35 AR-1260-5

R.T.: 8.606 min
Delta R.T.: 0.003 min
Response: 549280282
Conc: 31586.61 ng/ml



#35 AR-1260-5

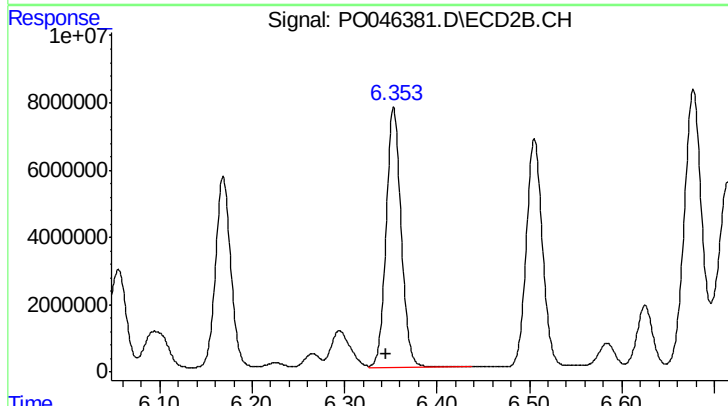
R.T.: 7.554 min
Delta R.T.: 0.002 min
Response: 153323784
Conc: 14337.37 ng/ml



#36 AR-1262-1

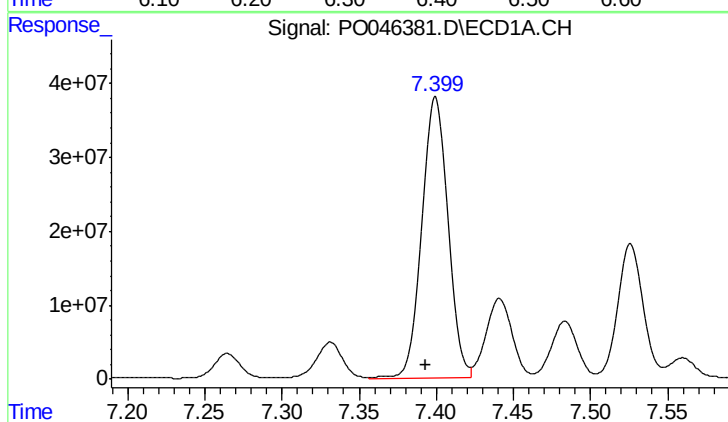
R.T.: 7.146 min
Delta R.T.: 0.008 min
Response: 358805523
Conc: 30140.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



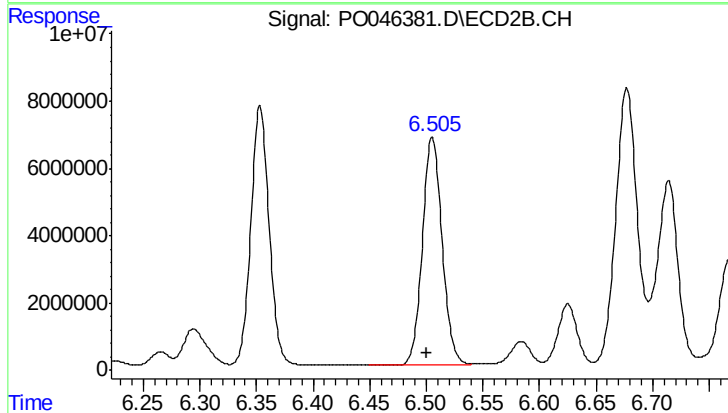
#36 AR-1262-1

R.T.: 6.353 min
Delta R.T.: 0.008 min
Response: 86984298
Conc: 12229.07 ng/ml



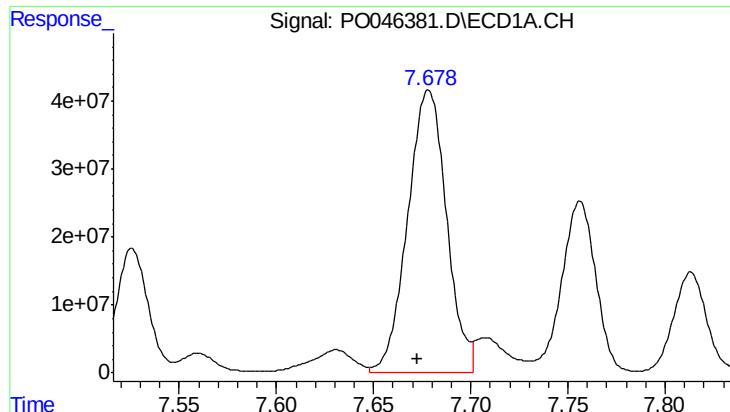
#37 AR-1262-2

R.T.: 7.400 min
Delta R.T.: 0.007 min
Response: 452284514
Conc: 34439.88 ng/ml



#37 AR-1262-2

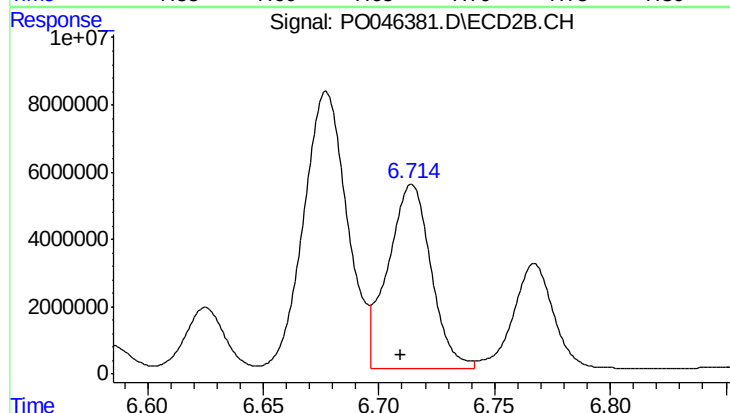
R.T.: 6.505 min
Delta R.T.: 0.005 min
Response: 82017515
Conc: 12313.16 ng/ml



#38 AR-1262-3

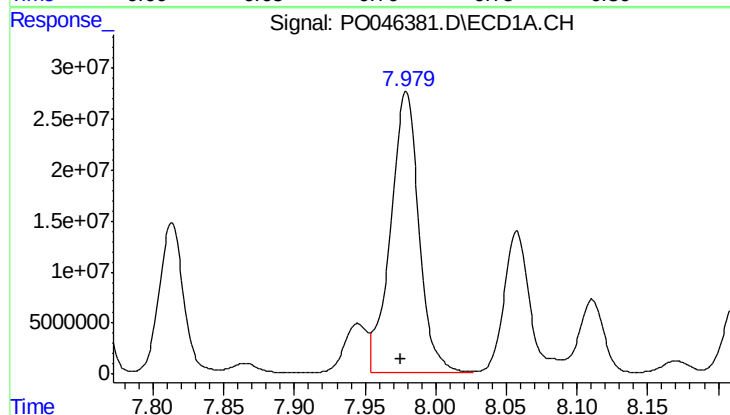
R.T.: 7.678 min
Delta R.T.: 0.006 min
Response: 574838859
Conc: 49892.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



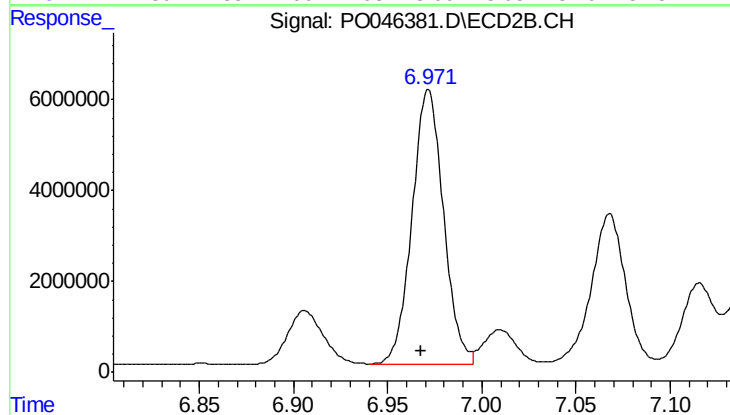
#38 AR-1262-3

R.T.: 6.714 min
Delta R.T.: 0.005 min
Response: 70526938
Conc: 8195.55 ng/ml



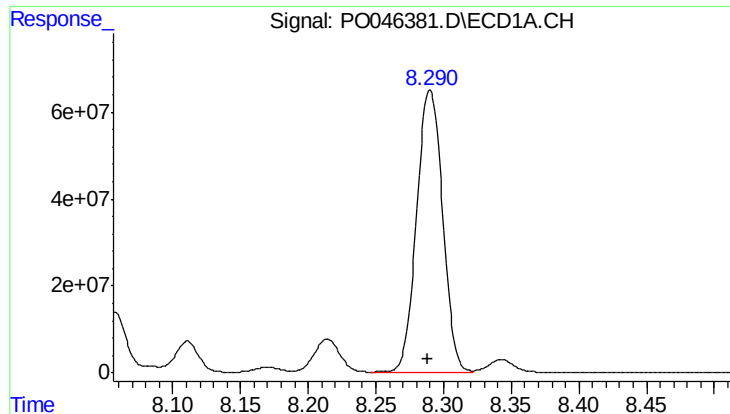
#39 AR-1262-4

R.T.: 7.979 min
Delta R.T.: 0.004 min
Response: 384759957
Conc: 25300.26 ng/ml



#39 AR-1262-4

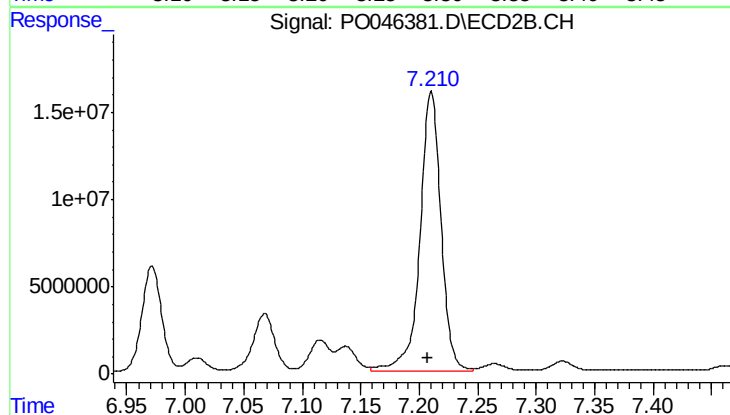
R.T.: 6.972 min
Delta R.T.: 0.004 min
Response: 69938367
Conc: 9645.76 ng/ml



#40 AR-1262-5

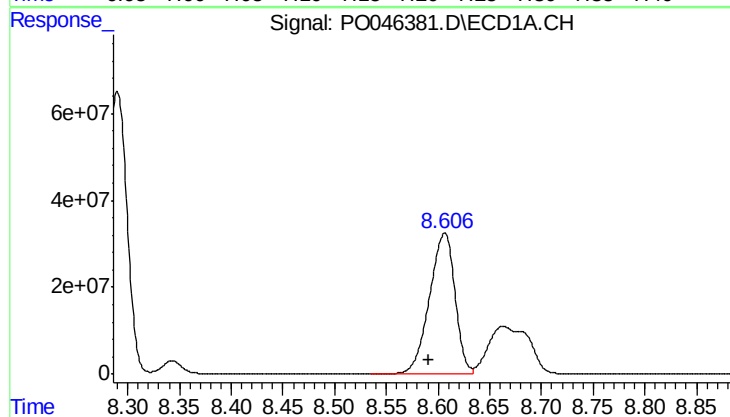
R.T.: 8.290 min
Delta R.T.: 0.002 min
Response: 868052576
Conc: 31362.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



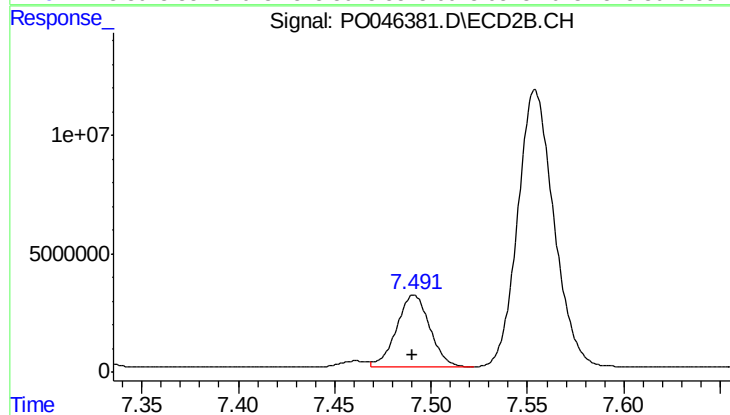
#40 AR-1262-5

R.T.: 7.210 min
Delta R.T.: 0.003 min
Response: 199731585
Conc: 14667.32 ng/ml



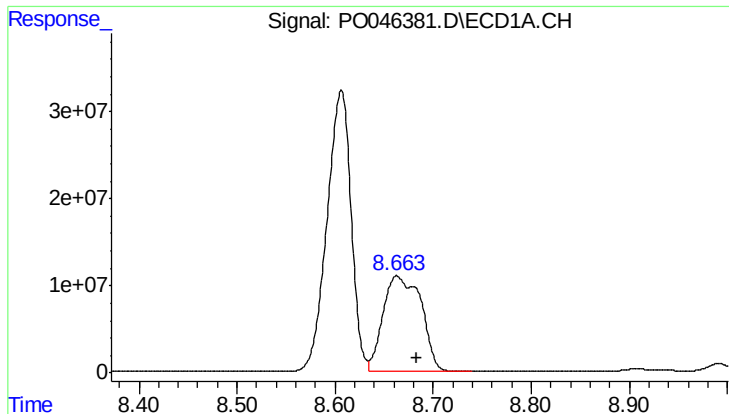
#41 AR-1268-1

R.T.: 8.606 min
Delta R.T.: 0.015 min
Response: 549280282
Conc: 18982.53 ng/ml



#41 AR-1268-1

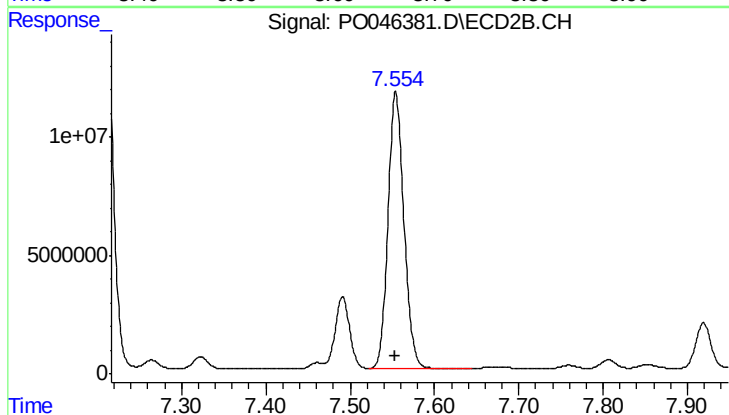
R.T.: 7.491 min
Delta R.T.: 0.001 min
Response: 36675928
Conc: 2675.33 ng/ml



#42 AR-1268-2

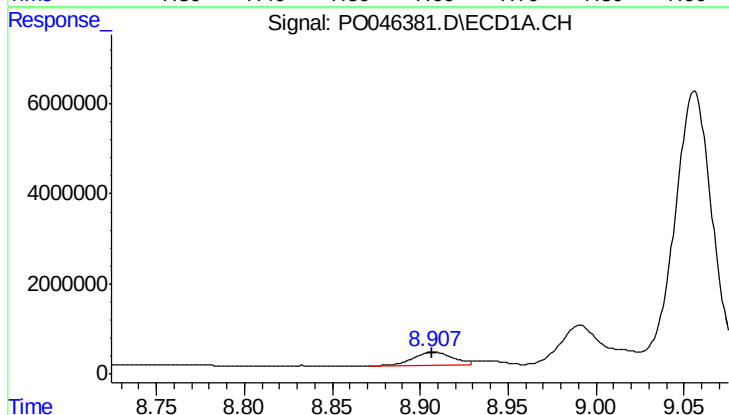
R.T.: 8.663 min
Delta R.T.: -0.021 min
Response: 295143725
Conc: 11033.63 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AS8



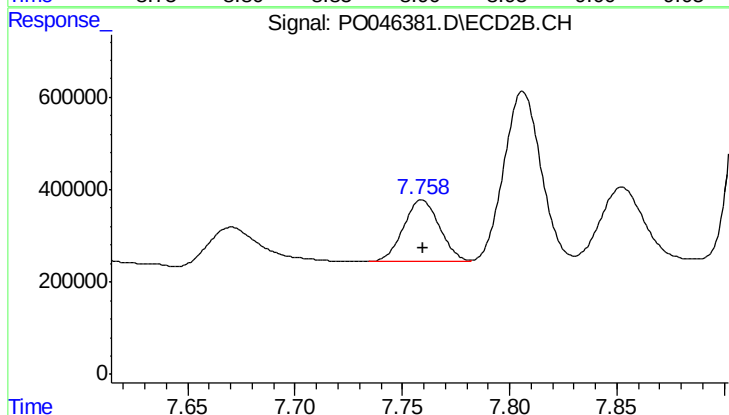
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 153323784
Conc: 12025.23 ng/ml



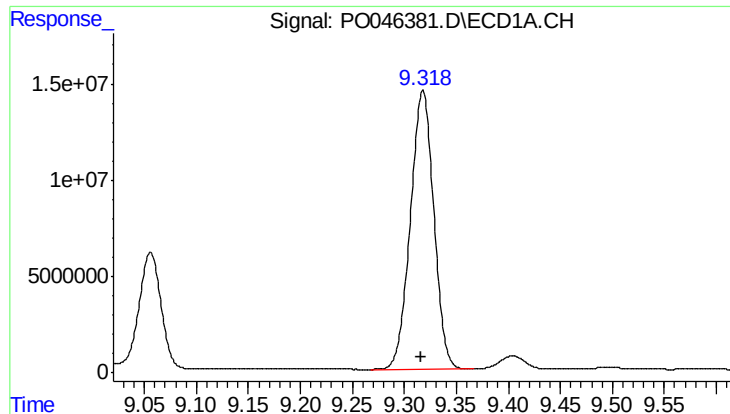
#43 AR-1268-3

R.T.: 8.908 min
Delta R.T.: 0.000 min
Response: 4595417
Conc: 203.03 ng/ml



#43 AR-1268-3

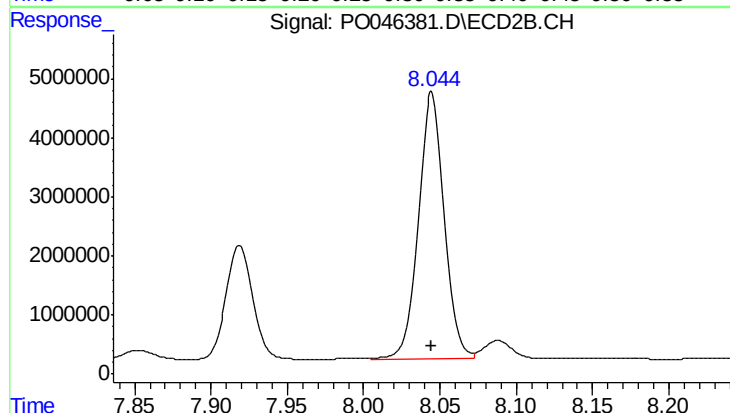
R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 1535939
Conc: 149.09 ng/ml



#44 AR-1268-4

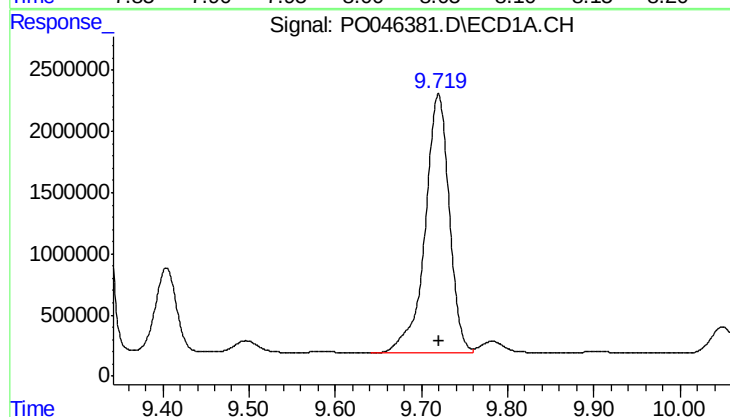
R.T.: 9.318 min
Delta R.T.: 0.002 min
Response: 226726737
Conc: 22554.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AS8



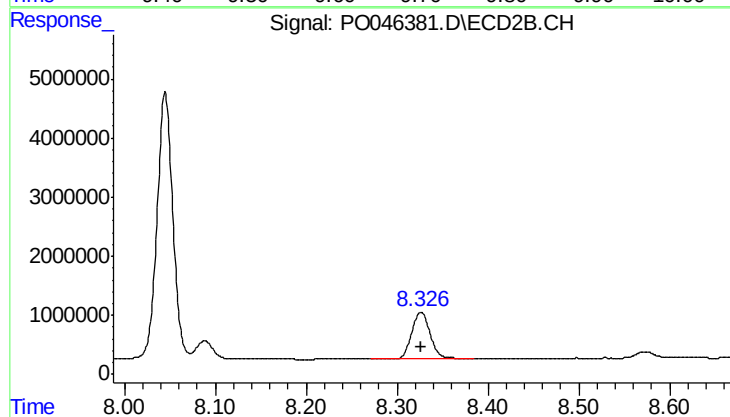
#44 AR-1268-4

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 54537407
Conc: 11546.61 ng/ml



#45 AR-1268-5

R.T.: 9.720 min
Delta R.T.: 0.000 min
Response: 41354653
Conc: 569.48 ng/ml



#45 AR-1268-5

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 11034194
Conc: 413.46 ng/ml