

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072019\
 Data File : P0058163.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Jul 2019 16:33
 Operator : SM/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 01:31:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 17 11:13:08 2019
 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...	4.205	3.537	1903093	1659328	56.160	51.735
2)	SA Decachlor...	9.720	8.443	2711369	1856280	52.999	54.157
Target Compounds							
3)	L1 AR-1016-1	5.363	0.000	25862	0	16.758	N.D. #
4)	L1 AR-1016-2	5.386	0.000	29698	0	13.148	N.D. #
5)	L1 AR-1016-3	5.386	4.831	29698	400113	20.984	426.220 #
6)	L1 AR-1016-4	5.543	4.831	10912	400113	9.581	513.968 #
7)	L1 AR-1016-5	5.832	5.041	344660	252489	300.469	246.283
9)	L2 AR-1221-2	4.508	3.832	25406	25427	82.141	96.316
10)	L2 AR-1221-3	4.508	0.000	25406	0	25.578	N.D. #
11)	L3 AR-1232-1	4.508	0.000	25406	0	30.924	N.D. #
12)	L3 AR-1232-2	5.099	0.000	31797	0	68.752	N.D. #
13)	L3 AR-1232-3	5.386	4.831	29698	400113	29.819	972.216 #
14)	L3 AR-1232-4	5.543	4.870	10912	109251	21.883	297.682 #
15)	L3 AR-1232-5	5.630	5.041	559865	252489	1484.787	609.994 #
16)	L4 AR-1242-1	5.363	0.000	25862	0	21.116	N.D. #
17)	L4 AR-1242-2	5.386	0.000	29698	0	16.175	N.D. #
18)	L4 AR-1242-3	5.386	4.831	29698	400113	25.577	521.859 #
19)	L4 AR-1242-4	5.543	4.870	10912	109251	11.574	143.941 #
20)	L4 AR-1242-5	6.271	5.387	341364	1046024	294.790	1097.767 #
21)	L5 AR-1248-1	5.363	0.000	25862	0	27.665	N.D. #
22)	L5 AR-1248-2	5.630	4.831	559865	400113	415.501	392.654
23)	L5 AR-1248-3	5.832	4.870	344660	109251	222.324	103.933 #
24)	L5 AR-1248-4	6.232	5.041	566180	252489	289.186	196.091 #
25)	L5 AR-1248-5	6.271	5.427	341364	132730	179.114	104.992 #
26)	L6 AR-1254-1	6.203	5.387	1079527	1046024	549.324	513.398
27)	L6 AR-1254-2	6.419	5.532	1769064	932744	541.157	514.725
28)	L6 AR-1254-3	6.783	5.930	1909861	1513705	541.376	516.899
29)	L6 AR-1254-4	7.067	6.157	1659382	944389	560.825	511.133
30)	L6 AR-1254-5	7.481	6.569	1650200	1429173	562.201	525.723
31)	L7 AR-1260-1	6.942	6.057	858187	765978	343.120	378.225
32)	L7 AR-1260-2	7.198	6.245	1092048	676775	310.606	263.170
33)	L7 AR-1260-3	7.541	6.394	246452	640566	83.936	280.862 #
34)	L7 AR-1260-4	7.770	6.861	586281	71047	214.618	36.693 #
35)	L7 AR-1260-5	8.083	7.102	284520	184331	49.043	40.050
36)	L8 AR-1262-1	7.541	6.637	246452	178286	44.608	44.885
37)	L8 AR-1262-2	8.083	7.102	284520	184331	33.458	28.538
38)	L8 AR-1262-3	8.388	7.443	61681	150257	10.958	54.513 #
39)	L8 AR-1262-4	8.434	7.443	-16116	150257	N.D.	31.469 #
41)	L9 AR-1268-1	8.388	7.443	61681	150257	5.998	19.246 #
42)	L9 AR-1268-2	8.434	7.443	-16116	150257	N.D.	21.088 #
45)	L9 AR-1268-5	0.000	8.211	0	20557	N.D.	1.233 #

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Misc :
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QLast Update : Wed Jul 17 11:13:08 2019
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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

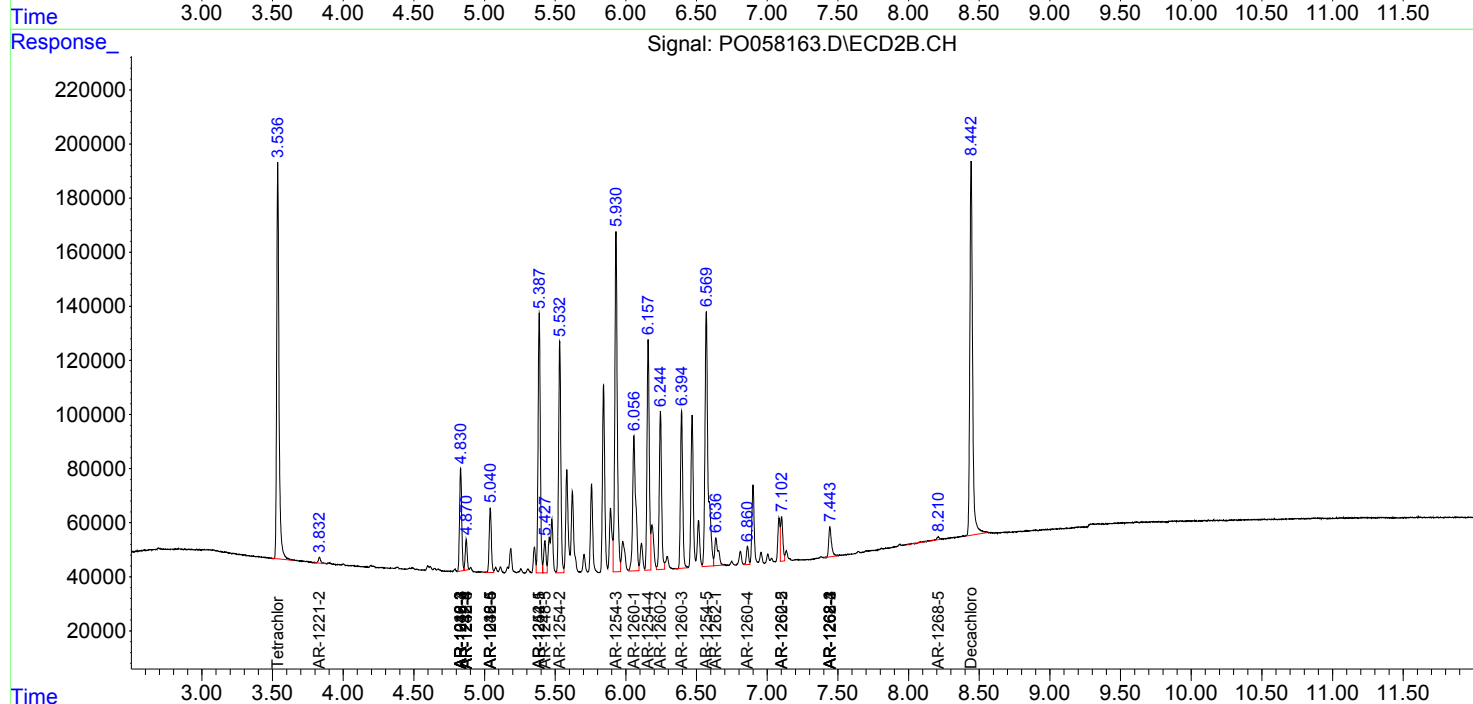
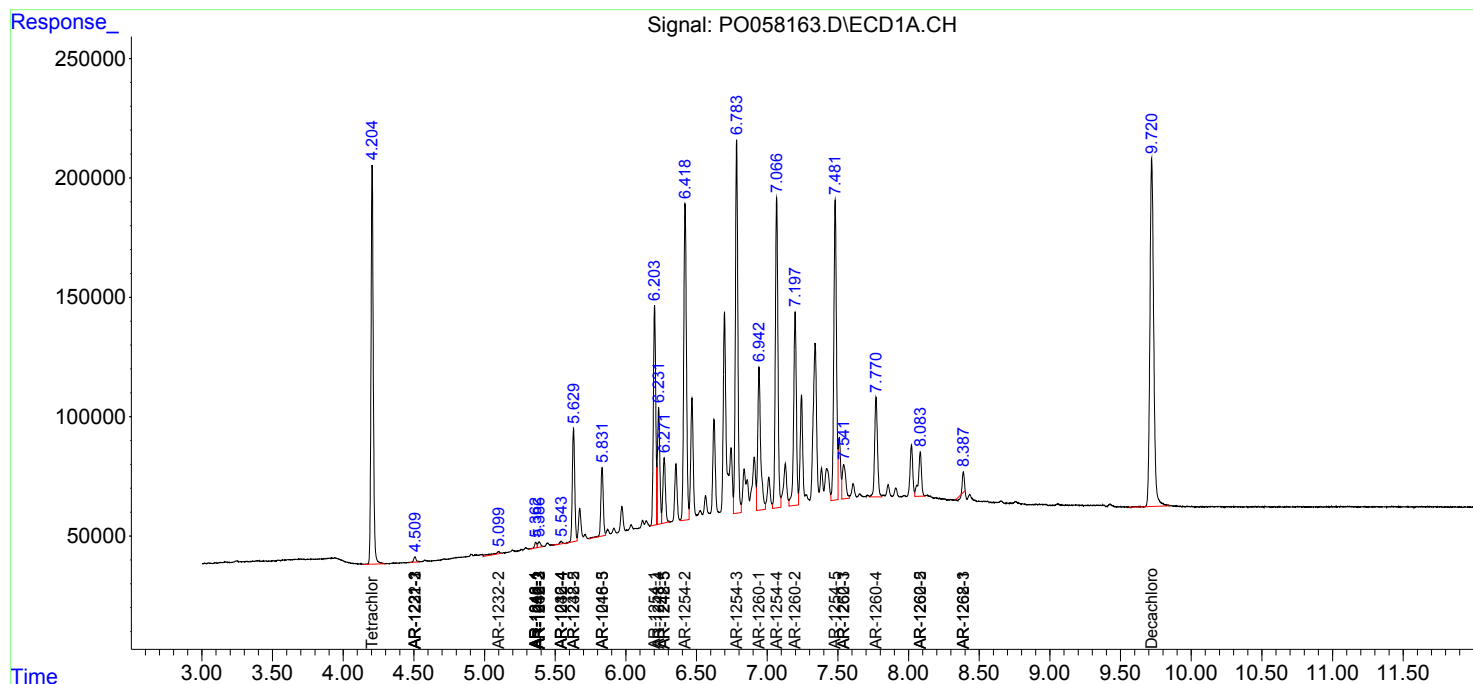
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

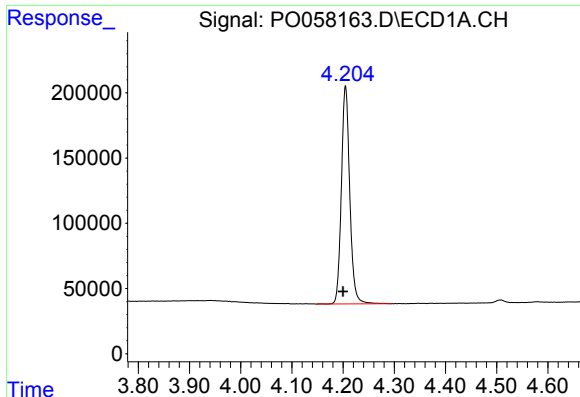
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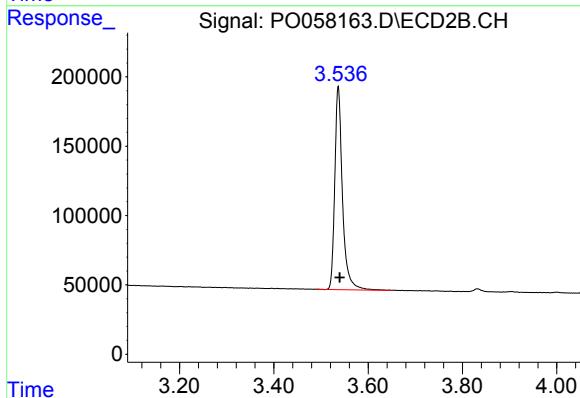




#1 Tetrachloro-m-xylene

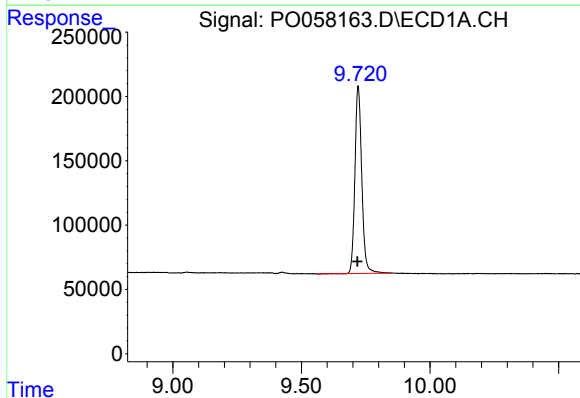
R.T.: 4.205 min
Delta R.T.: 0.005 min
Response: 1903093
Conc: 56.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



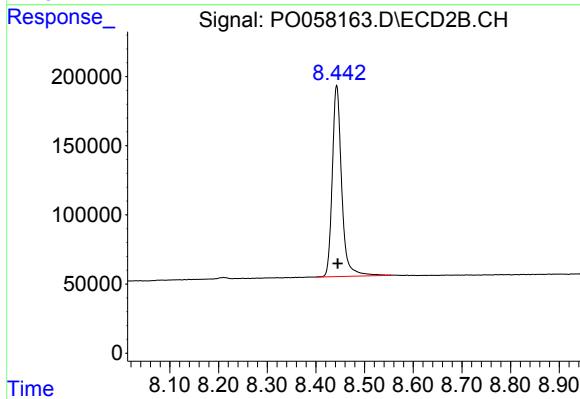
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.003 min
Response: 1659328
Conc: 51.74 ng/ml



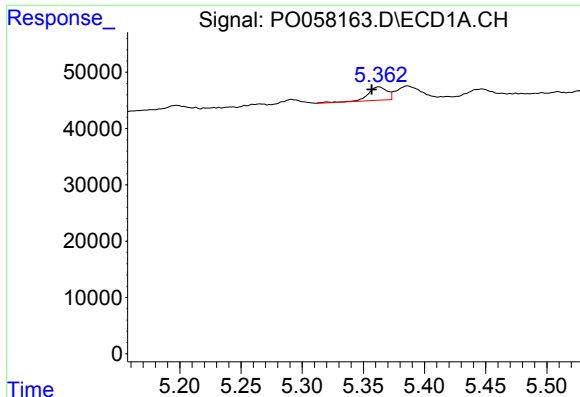
#2 Decachlorobiphenyl

R.T.: 9.720 min
Delta R.T.: 0.002 min
Response: 2711369
Conc: 53.00 ng/ml



#2 Decachlorobiphenyl

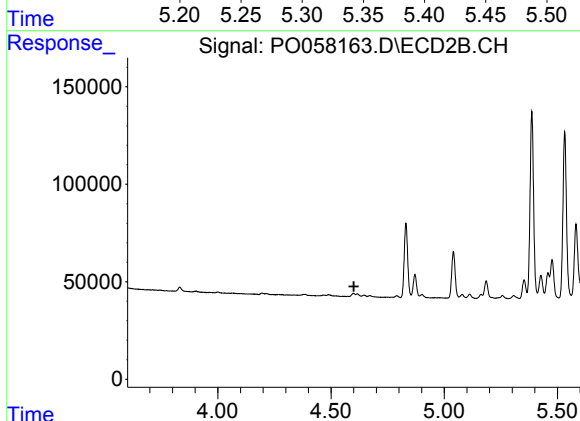
R.T.: 8.443 min
Delta R.T.: -0.002 min
Response: 1856280
Conc: 54.16 ng/ml



#3 AR-1016-1

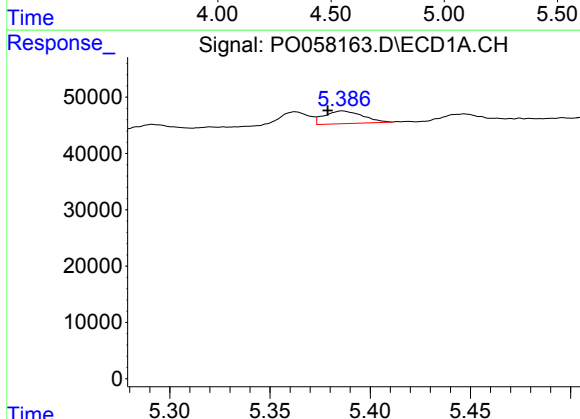
R.T.: 5.363 min
Delta R.T.: 0.006 min
Response: 25862
Conc: 16.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



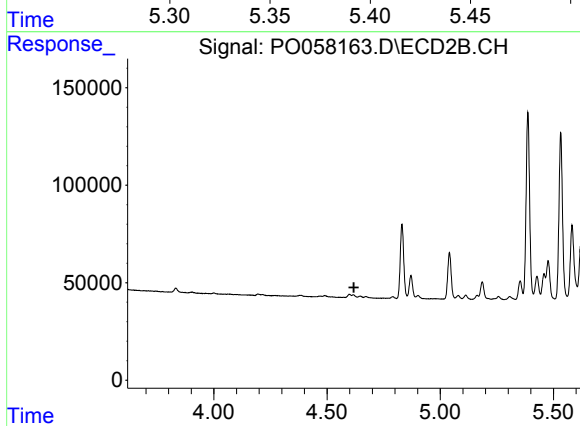
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



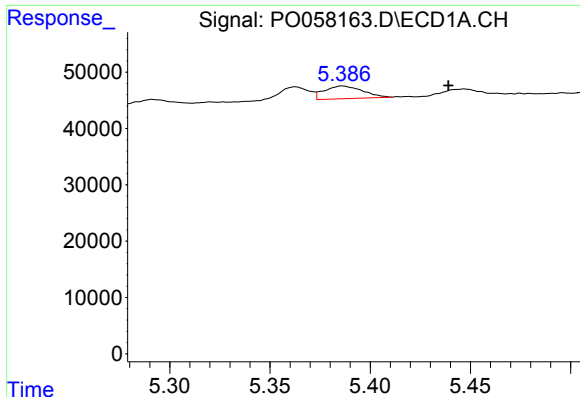
#4 AR-1016-2

R.T.: 5.386 min
Delta R.T.: 0.007 min
Response: 29698
Conc: 13.15 ng/ml



#4 AR-1016-2

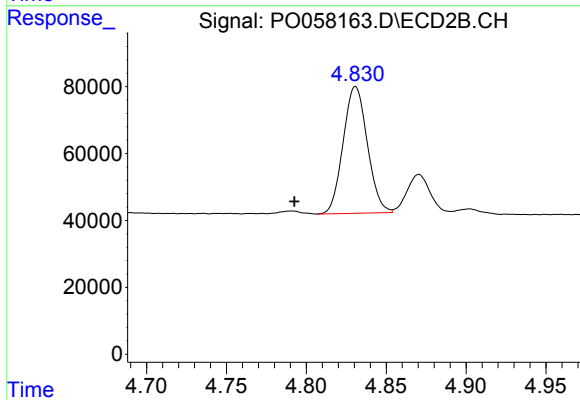
R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#5 AR-1016-3

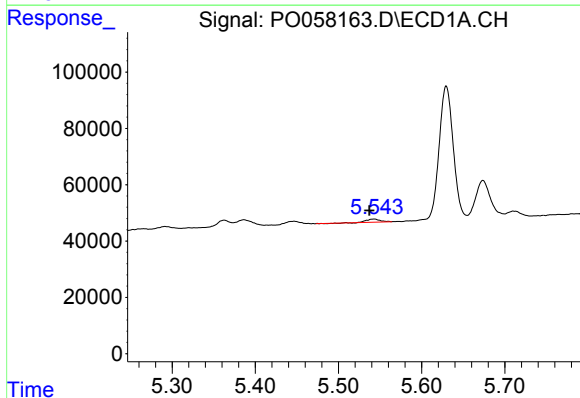
R.T.: 5.386 min
Delta R.T.: -0.053 min
Response: 29698
Conc: 20.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



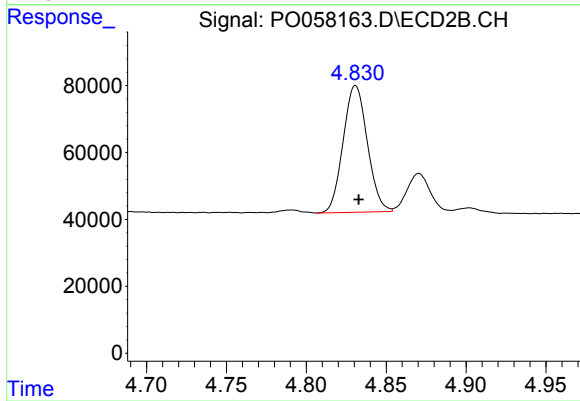
#5 AR-1016-3

R.T.: 4.831 min
Delta R.T.: 0.038 min
Response: 400113
Conc: 426.22 ng/ml



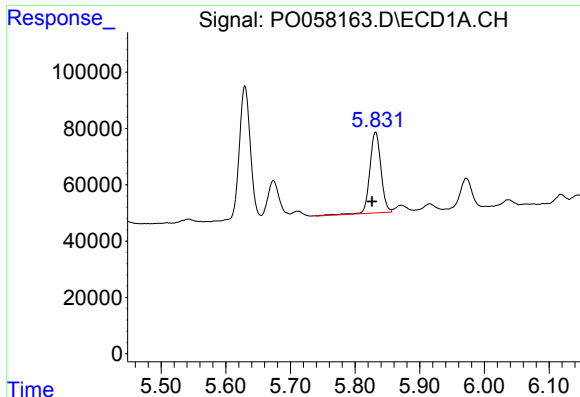
#6 AR-1016-4

R.T.: 5.543 min
Delta R.T.: 0.005 min
Response: 10912
Conc: 9.58 ng/ml



#6 AR-1016-4

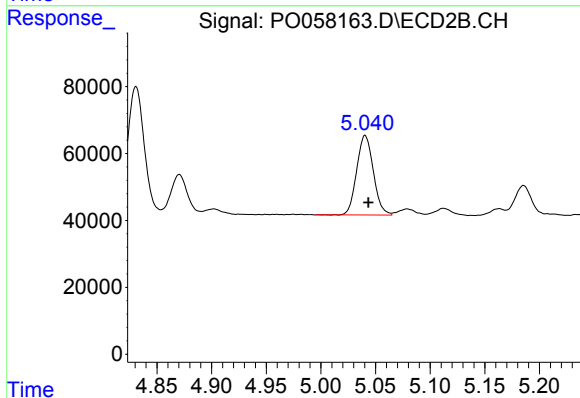
R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 400113
Conc: 513.97 ng/ml



#7 AR-1016-5

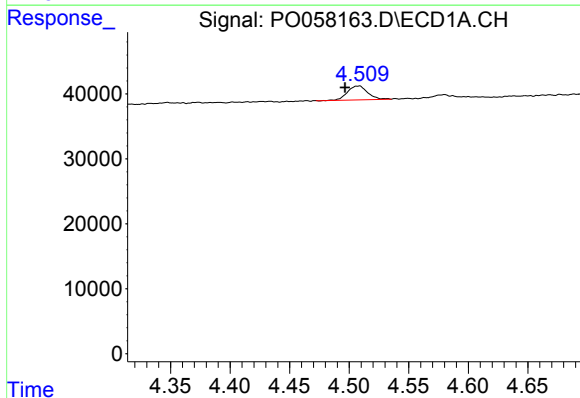
R.T.: 5.832 min
Delta R.T.: 0.005 min
Response: 344660
Conc: 300.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



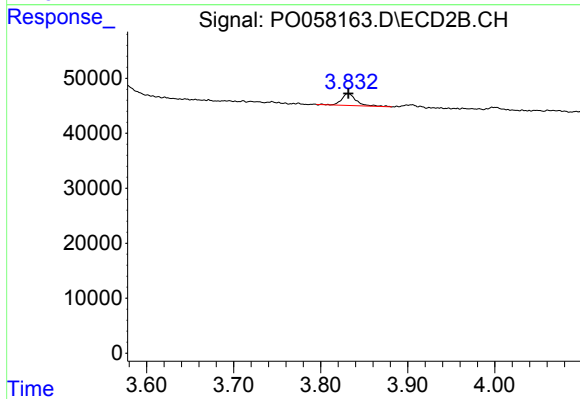
#7 AR-1016-5

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 252489
Conc: 246.28 ng/ml



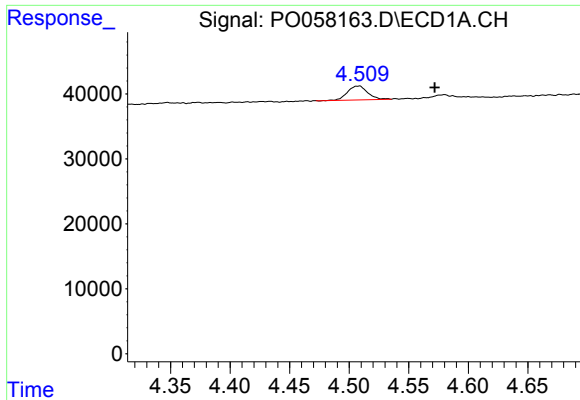
#9 AR-1221-2

R.T.: 4.508 min
Delta R.T.: 0.011 min
Response: 25406
Conc: 82.14 ng/ml



#9 AR-1221-2

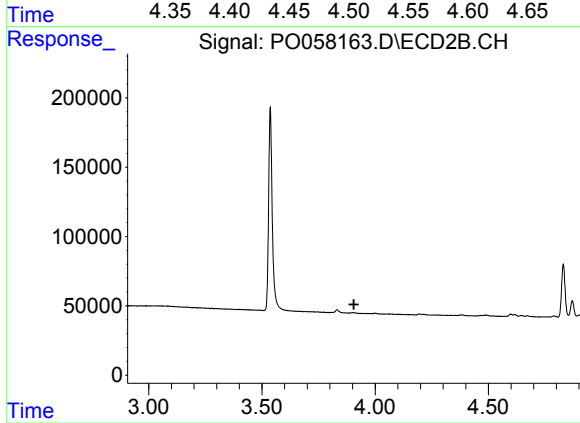
R.T.: 3.832 min
Delta R.T.: 0.000 min
Response: 25427
Conc: 96.32 ng/ml



#10 AR-1221-3

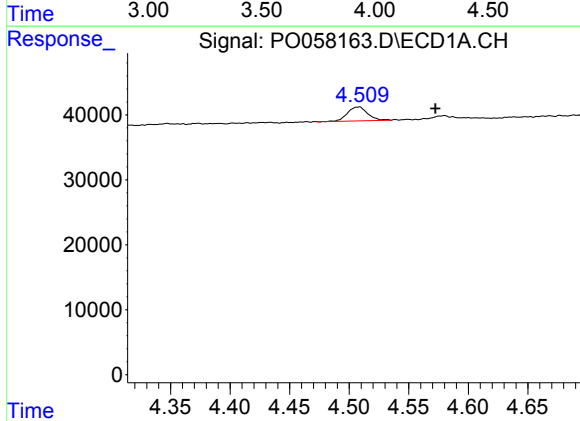
R.T.: 4.508 min
Delta R.T.: -0.064 min
Response: 25406
Conc: 25.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



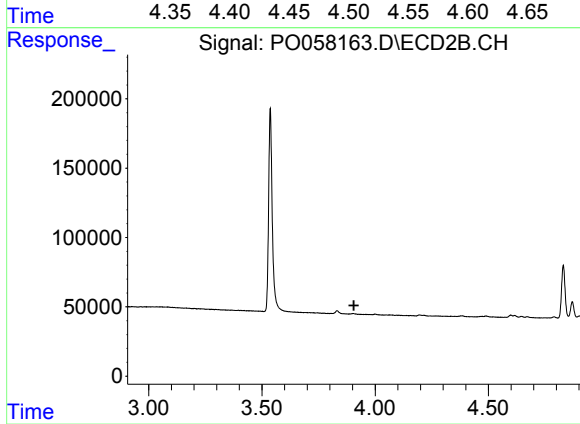
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.906 min
Response: 0
Conc: N.D.



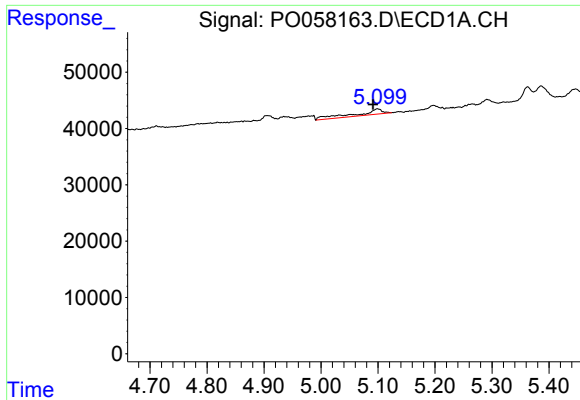
#11 AR-1232-1

R.T.: 4.508 min
Delta R.T.: -0.065 min
Response: 25406
Conc: 30.92 ng/ml



#11 AR-1232-1

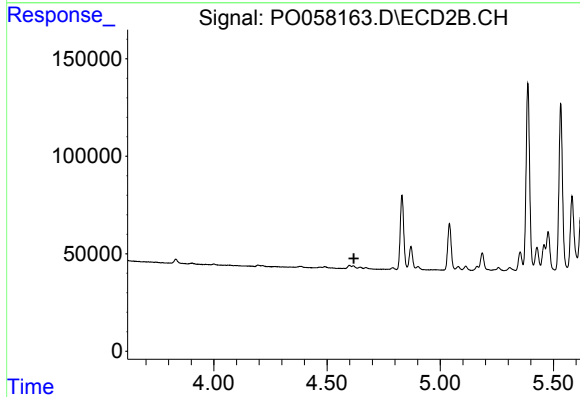
R.T.: 0.000 min
Exp R.T. : 3.906 min
Response: 0
Conc: N.D.



#12 AR-1232-2

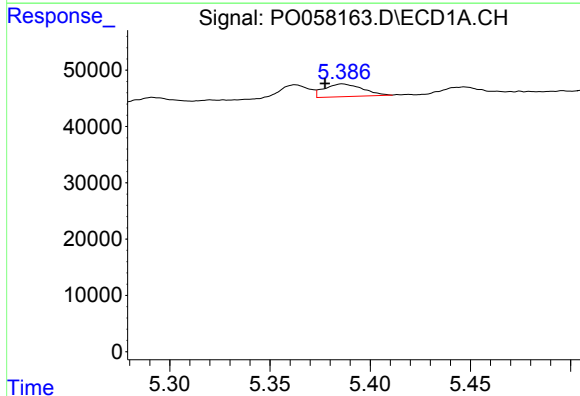
R.T.: 5.099 min
Delta R.T.: 0.008 min
Response: 31797
Conc: 68.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



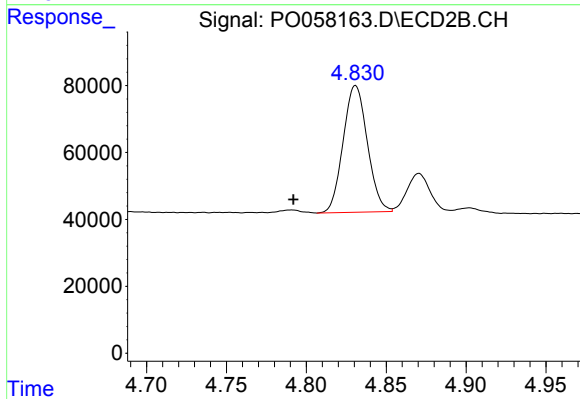
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



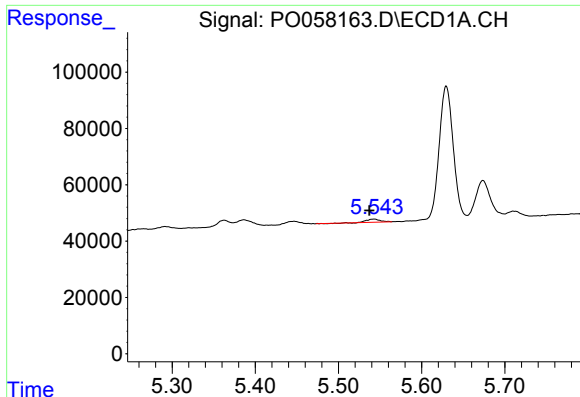
#13 AR-1232-3

R.T.: 5.386 min
Delta R.T.: 0.009 min
Response: 29698
Conc: 29.82 ng/ml



#13 AR-1232-3

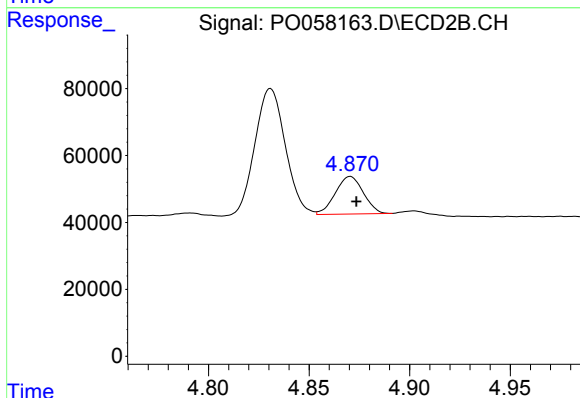
R.T.: 4.831 min
Delta R.T.: 0.039 min
Response: 400113
Conc: 972.22 ng/ml



#14 AR-1232-4

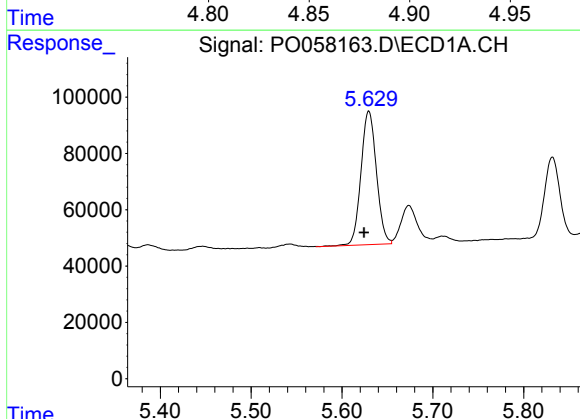
R.T.: 5.543 min
Delta R.T.: 0.006 min
Response: 10912
Conc: 21.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



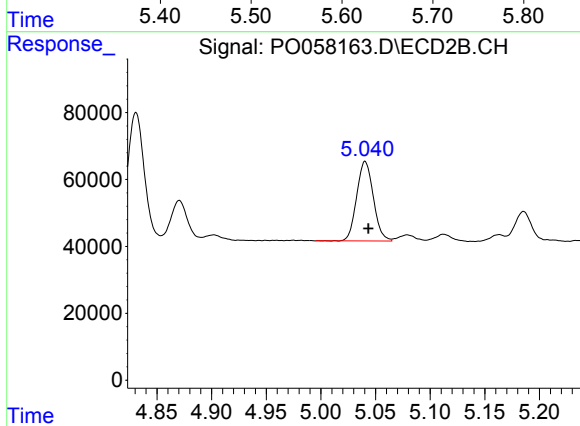
#14 AR-1232-4

R.T.: 4.870 min
Delta R.T.: -0.003 min
Response: 109251
Conc: 297.68 ng/ml



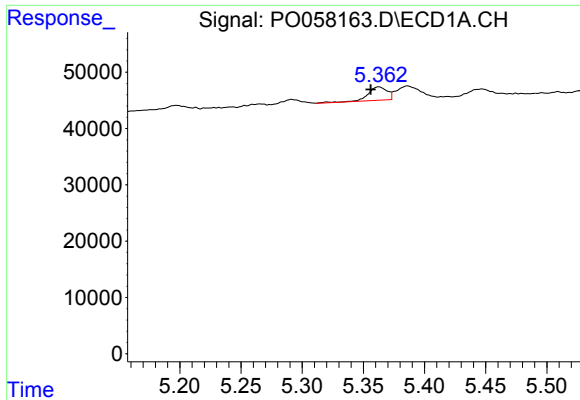
#15 AR-1232-5

R.T.: 5.630 min
Delta R.T.: 0.005 min
Response: 559865
Conc: 1484.79 ng/ml



#15 AR-1232-5

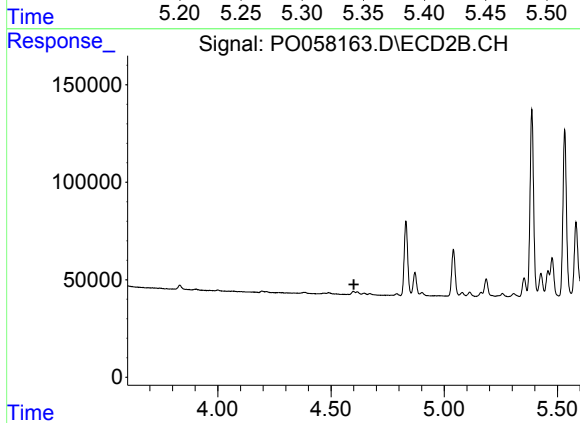
R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 252489
Conc: 609.99 ng/ml



#16 AR-1242-1

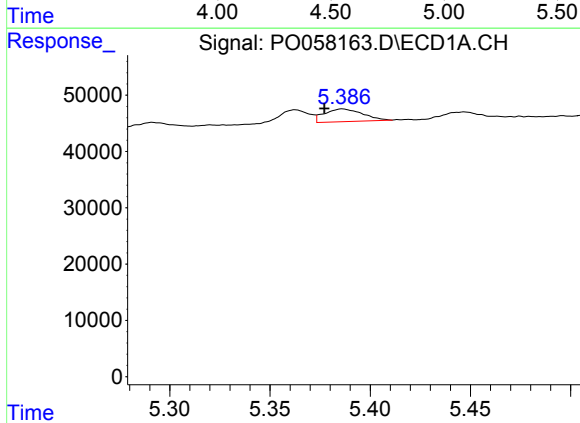
R.T.: 5.363 min
Delta R.T.: 0.007 min
Response: 25862
Conc: 21.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



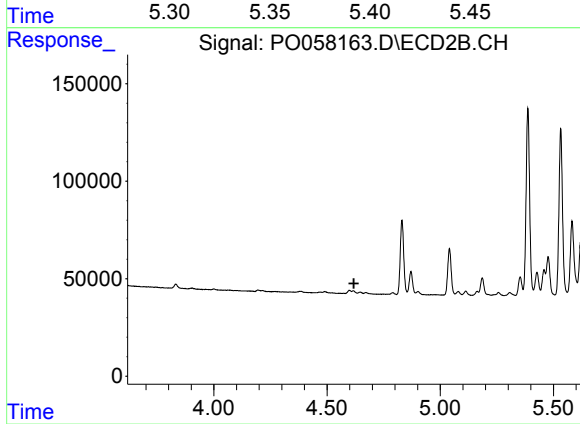
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



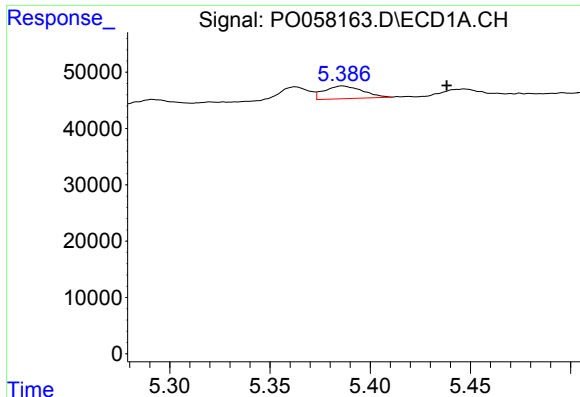
#17 AR-1242-2

R.T.: 5.386 min
Delta R.T.: 0.009 min
Response: 29698
Conc: 16.18 ng/ml



#17 AR-1242-2

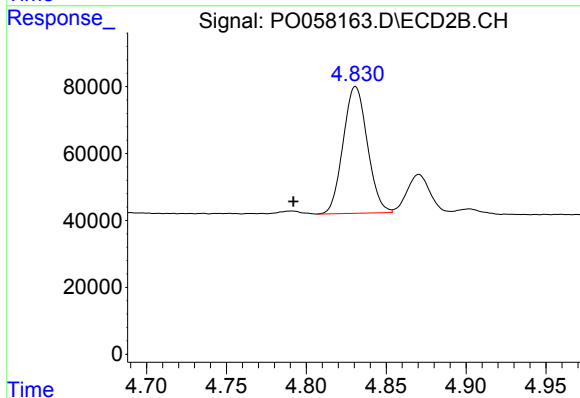
R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#18 AR-1242-3

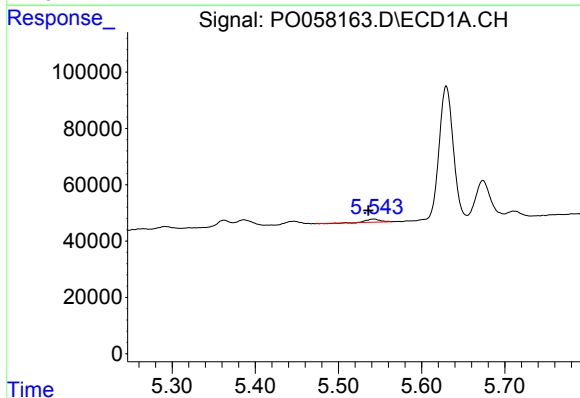
R.T.: 5.386 min
Delta R.T.: -0.052 min
Response: 29698
Conc: 25.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



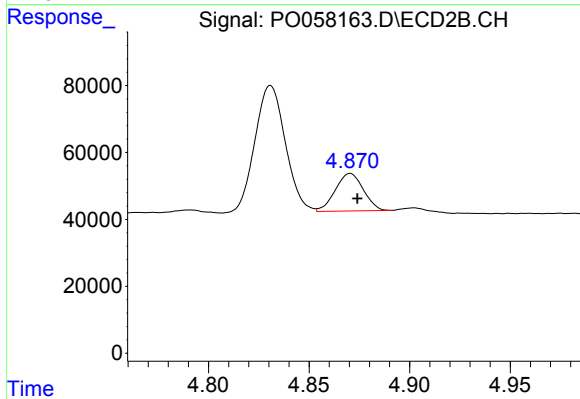
#18 AR-1242-3

R.T.: 4.831 min
Delta R.T.: 0.039 min
Response: 400113
Conc: 521.86 ng/ml



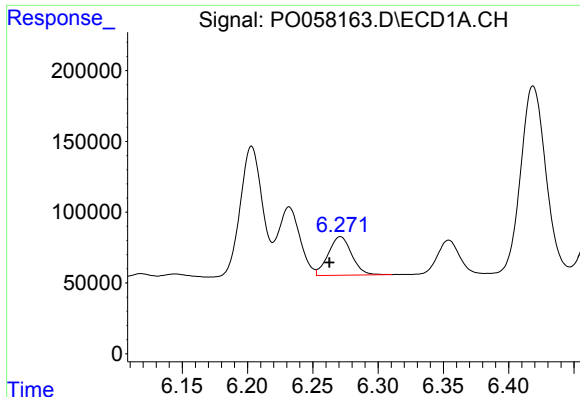
#19 AR-1242-4

R.T.: 5.543 min
Delta R.T.: 0.007 min
Response: 10912
Conc: 11.57 ng/ml



#19 AR-1242-4

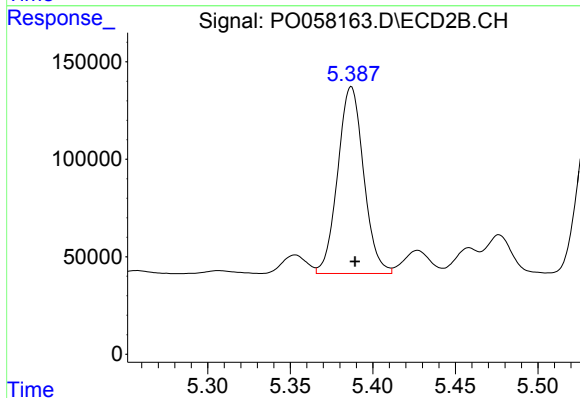
R.T.: 4.870 min
Delta R.T.: -0.003 min
Response: 109251
Conc: 143.94 ng/ml



#20 AR-1242-5

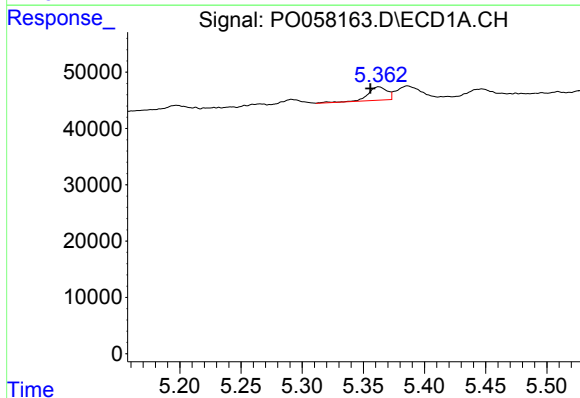
R.T.: 6.271 min
Delta R.T.: 0.008 min
Response: 341364
Conc: 294.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



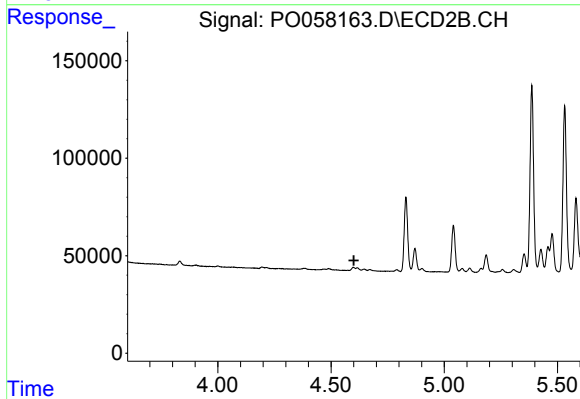
#20 AR-1242-5

R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 1046024
Conc: 1097.77 ng/ml



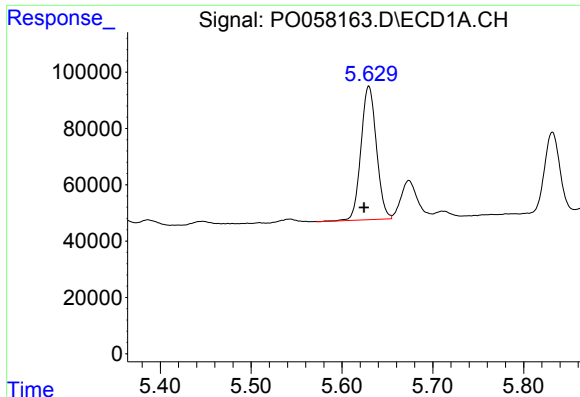
#21 AR-1248-1

R.T.: 5.363 min
Delta R.T.: 0.007 min
Response: 25862
Conc: 27.66 ng/ml



#21 AR-1248-1

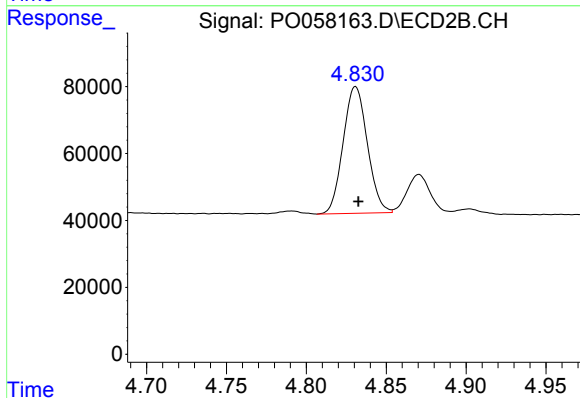
R.T.: 0.000 min
Exp R.T.: 4.601 min
Response: 0
Conc: N.D.



#22 AR-1248-2

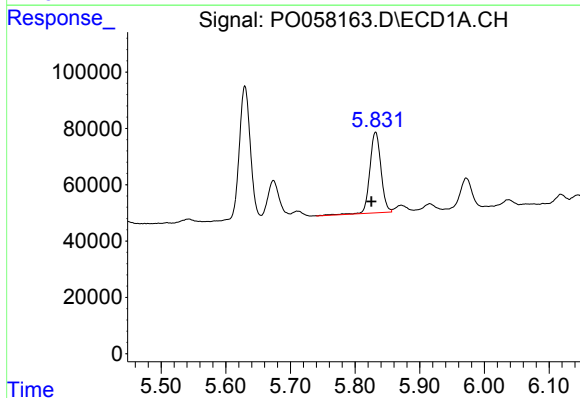
R.T.: 5.630 min
Delta R.T.: 0.005 min
Response: 559865
Conc: 415.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



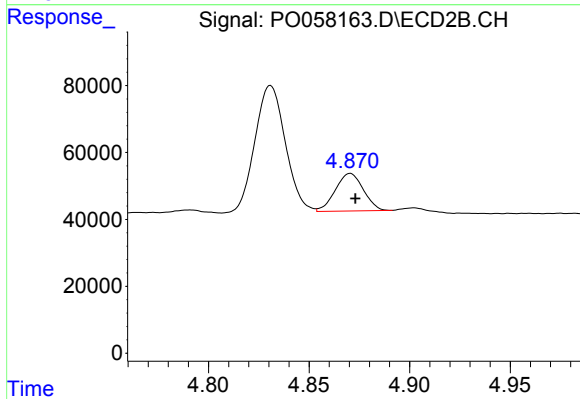
#22 AR-1248-2

R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 400113
Conc: 392.65 ng/ml



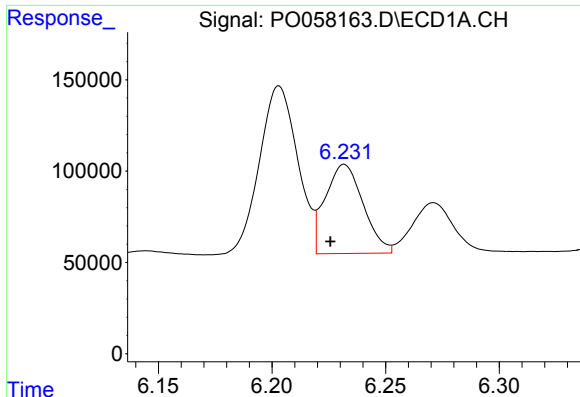
#23 AR-1248-3

R.T.: 5.832 min
Delta R.T.: 0.006 min
Response: 344660
Conc: 222.32 ng/ml



#23 AR-1248-3

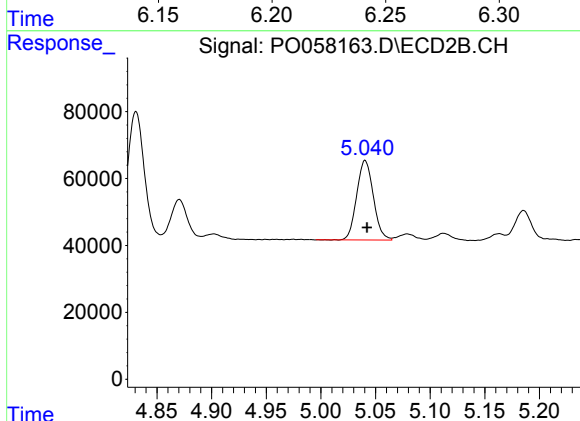
R.T.: 4.870 min
Delta R.T.: -0.002 min
Response: 109251
Conc: 103.93 ng/ml



#24 AR-1248-4

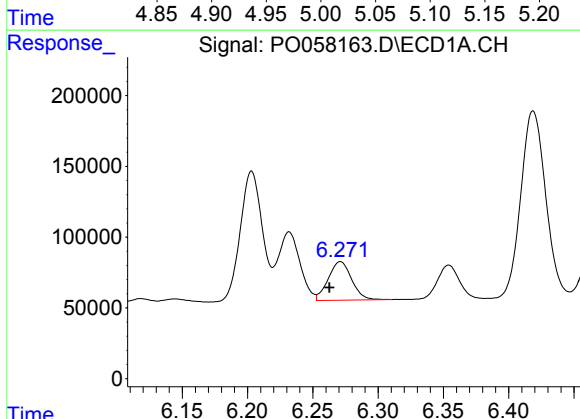
R.T.: 6.232 min
Delta R.T.: 0.006 min
Response: 566180
Conc: 289.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



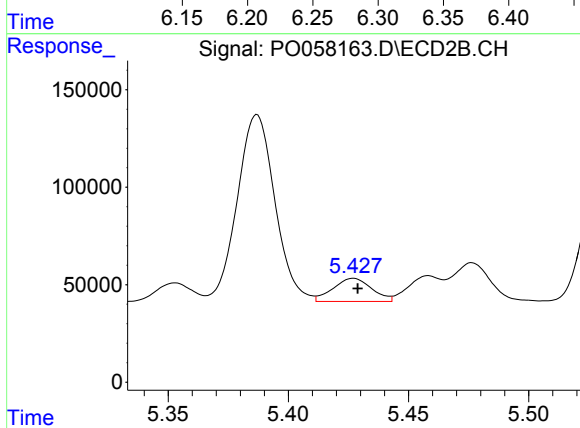
#24 AR-1248-4

R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 252489
Conc: 196.09 ng/ml



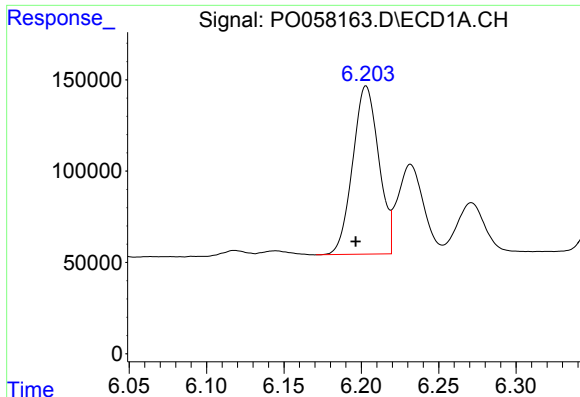
#25 AR-1248-5

R.T.: 6.271 min
Delta R.T.: 0.008 min
Response: 341364
Conc: 179.11 ng/ml



#25 AR-1248-5

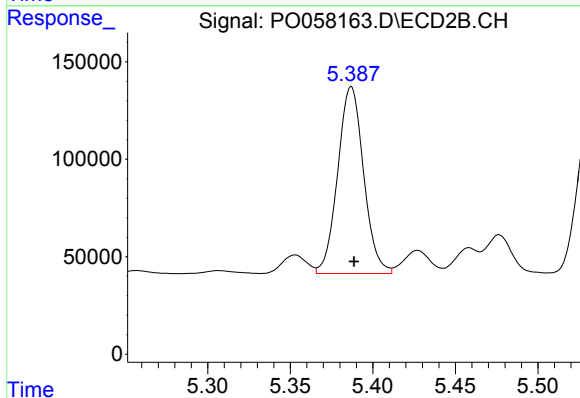
R.T.: 5.427 min
Delta R.T.: -0.002 min
Response: 132730
Conc: 104.99 ng/ml



#26 AR-1254-1

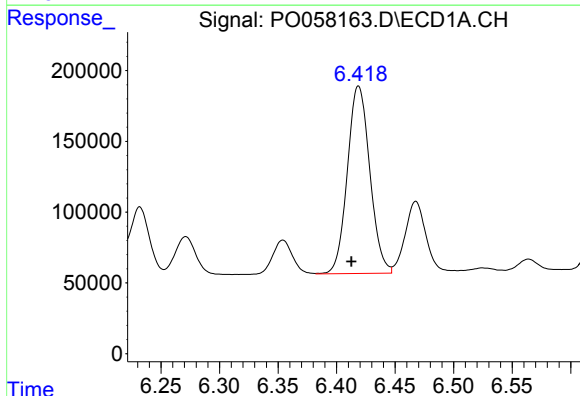
R.T.: 6.203 min
Delta R.T.: 0.007 min
Response: 1079527
Conc: 549.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



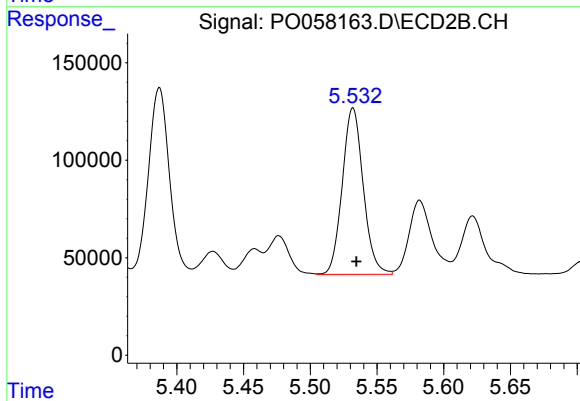
#26 AR-1254-1

R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 1046024
Conc: 513.40 ng/ml



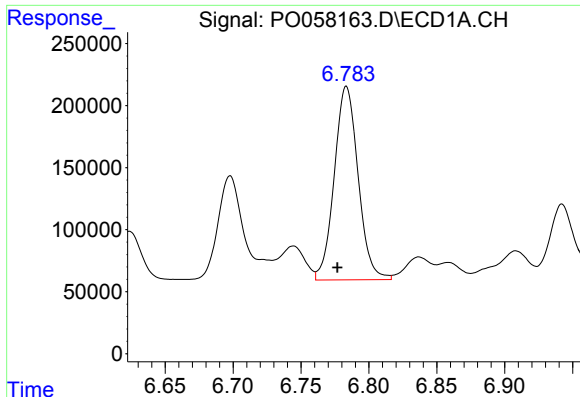
#27 AR-1254-2

R.T.: 6.419 min
Delta R.T.: 0.006 min
Response: 1769064
Conc: 541.16 ng/ml



#27 AR-1254-2

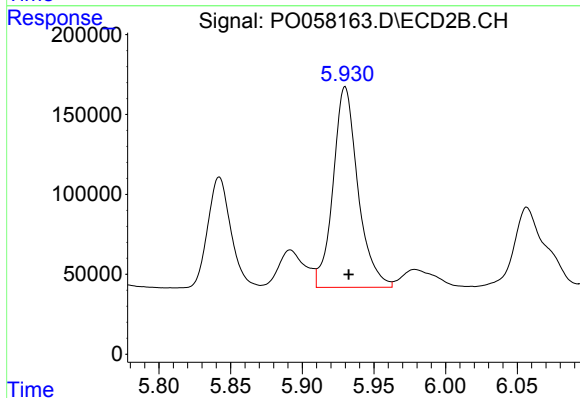
R.T.: 5.532 min
Delta R.T.: -0.003 min
Response: 932744
Conc: 514.73 ng/ml



#28 AR-1254-3

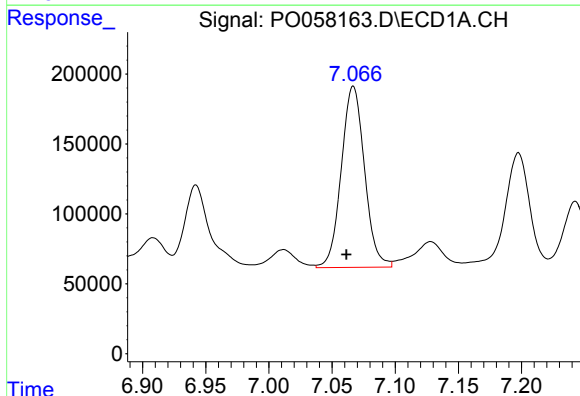
R.T.: 6.783 min
Delta R.T.: 0.006 min
Response: 1909861
Conc: 541.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



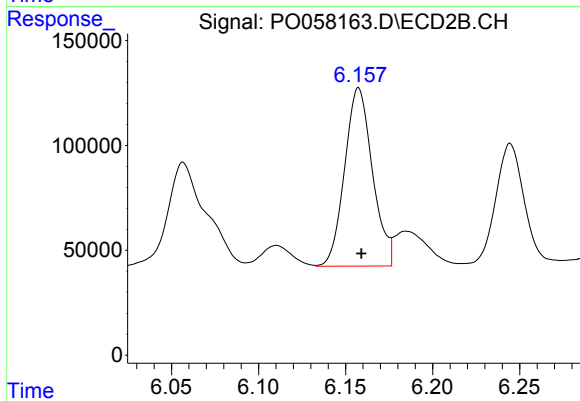
#28 AR-1254-3

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 1513705
Conc: 516.90 ng/ml



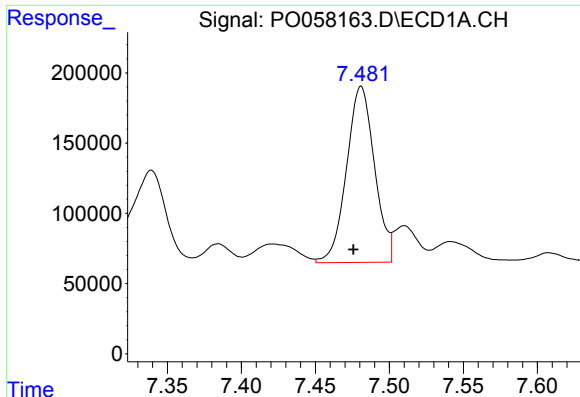
#29 AR-1254-4

R.T.: 7.067 min
Delta R.T.: 0.005 min
Response: 1659382
Conc: 560.82 ng/ml



#29 AR-1254-4

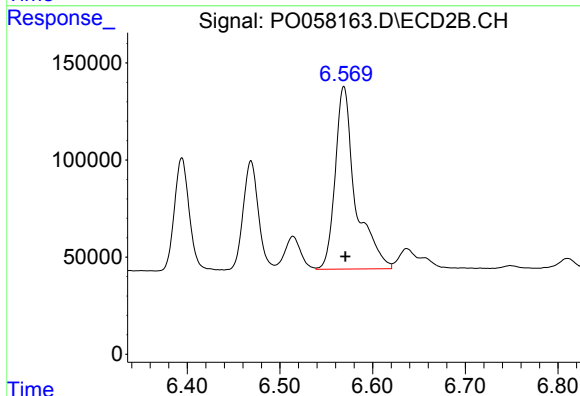
R.T.: 6.157 min
Delta R.T.: -0.002 min
Response: 944389
Conc: 511.13 ng/ml



#30 AR-1254-5

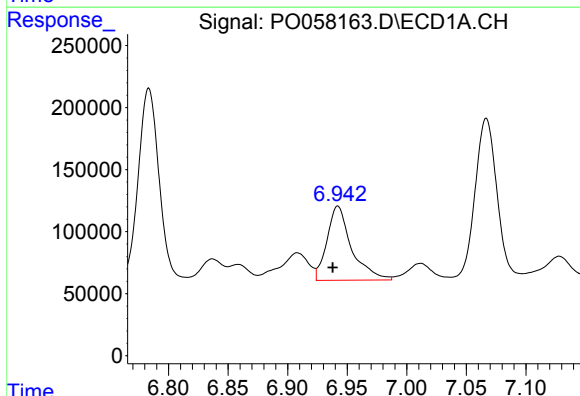
R.T.: 7.481 min
Delta R.T.: 0.005 min
Response: 1650200
Conc: 562.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



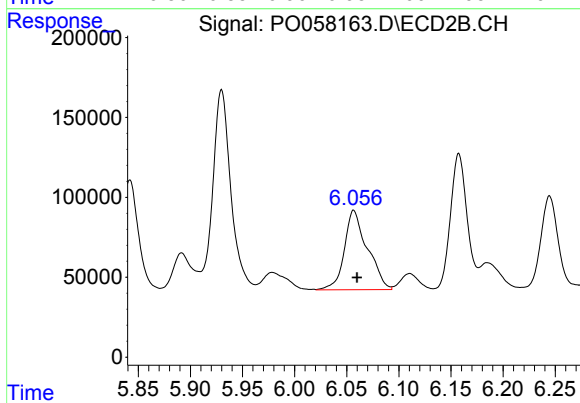
#30 AR-1254-5

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 1429173
Conc: 525.72 ng/ml



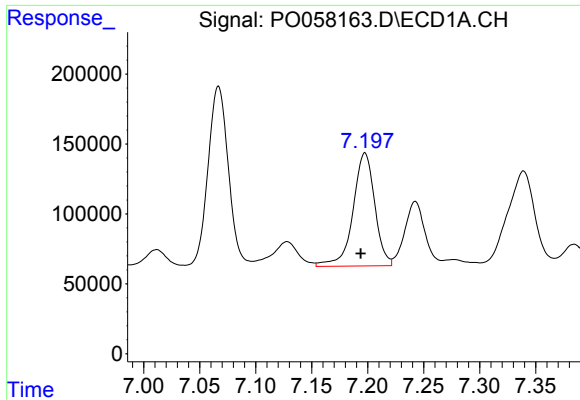
#31 AR-1260-1

R.T.: 6.942 min
Delta R.T.: 0.004 min
Response: 858187
Conc: 343.12 ng/ml



#31 AR-1260-1

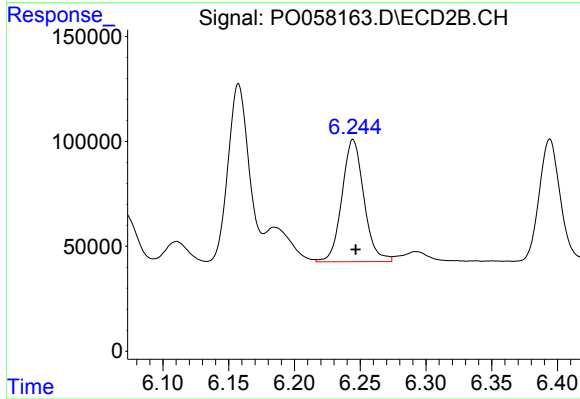
R.T.: 6.057 min
Delta R.T.: -0.003 min
Response: 765978
Conc: 378.22 ng/ml



#32 AR-1260-2

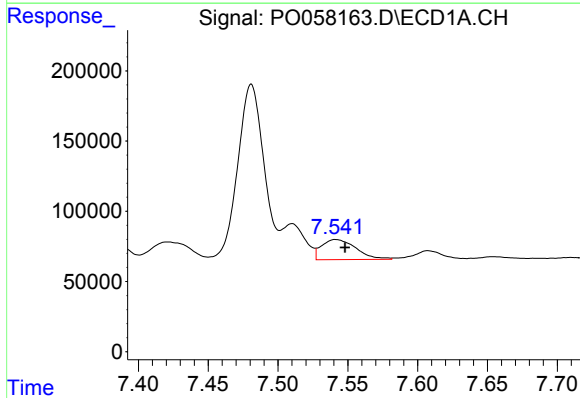
R.T.: 7.198 min
Delta R.T.: 0.004 min
Response: 1092048
Conc: 310.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



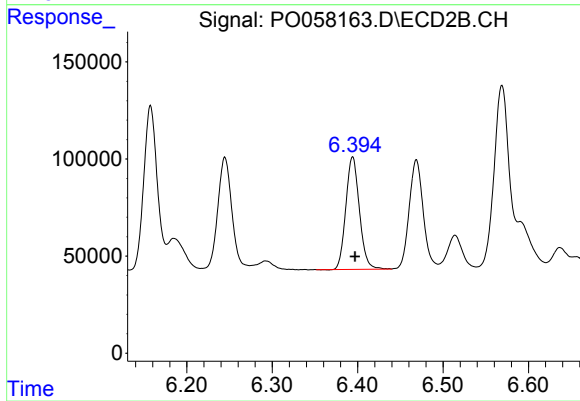
#32 AR-1260-2

R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 676775
Conc: 263.17 ng/ml



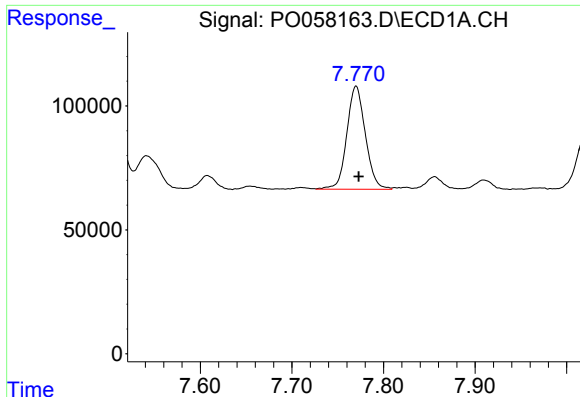
#33 AR-1260-3

R.T.: 7.541 min
Delta R.T.: -0.007 min
Response: 246452
Conc: 83.94 ng/ml



#33 AR-1260-3

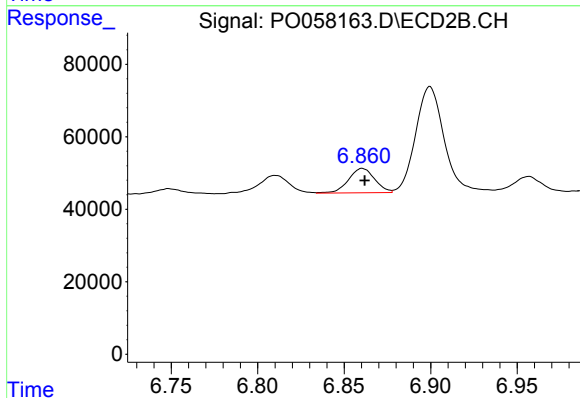
R.T.: 6.394 min
Delta R.T.: -0.003 min
Response: 640566
Conc: 280.86 ng/ml



#34 AR-1260-4

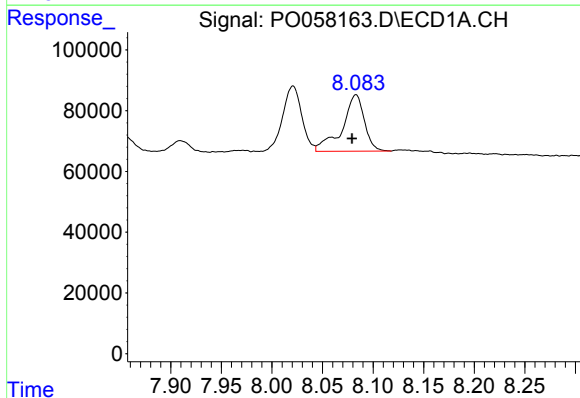
R.T.: 7.770 min
Delta R.T.: -0.003 min
Response: 586281
Conc: 214.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



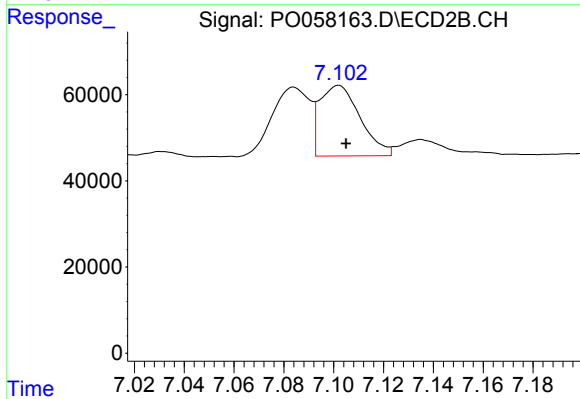
#34 AR-1260-4

R.T.: 6.861 min
Delta R.T.: -0.001 min
Response: 71047
Conc: 36.69 ng/ml



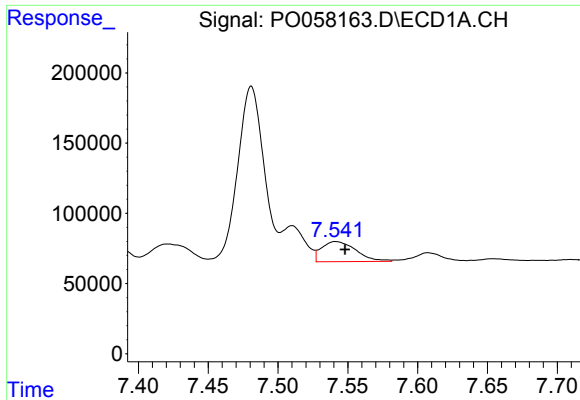
#35 AR-1260-5

R.T.: 8.083 min
Delta R.T.: 0.004 min
Response: 284520
Conc: 49.04 ng/ml



#35 AR-1260-5

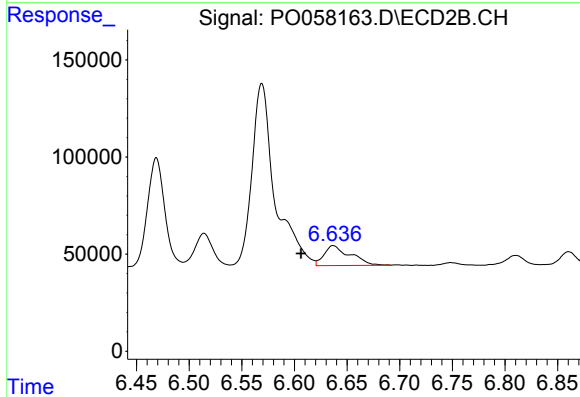
R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 184331
Conc: 40.05 ng/ml



#36 AR-1262-1

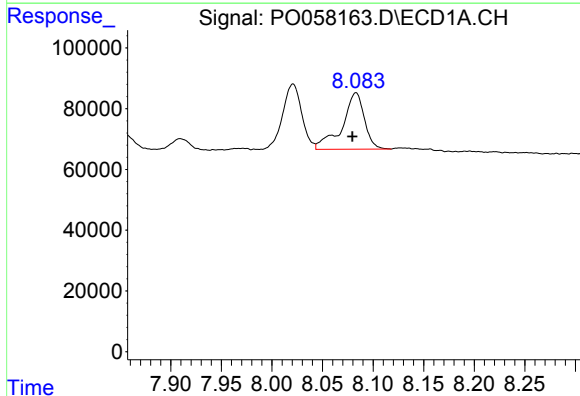
R.T.: 7.541 min
Delta R.T.: -0.007 min
Response: 246452
Conc: 44.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



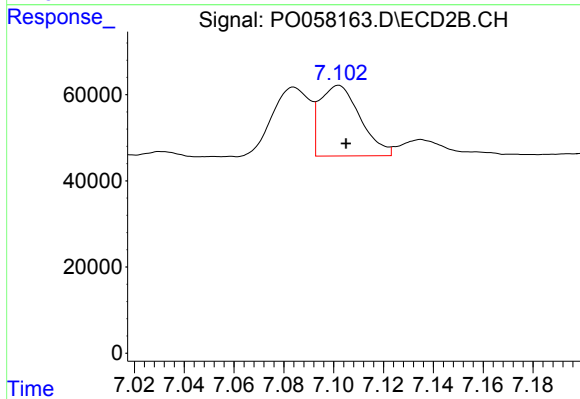
#36 AR-1262-1

R.T.: 6.637 min
Delta R.T.: 0.031 min
Response: 178286
Conc: 44.89 ng/ml



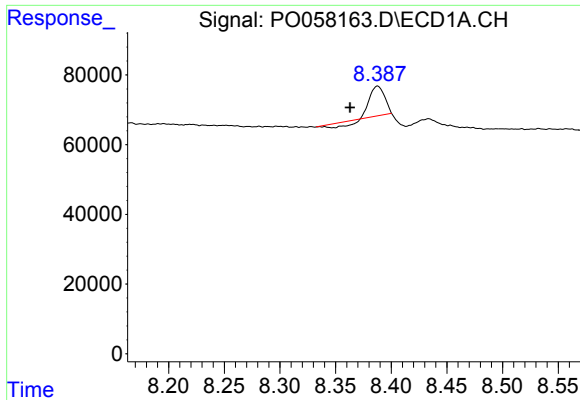
#37 AR-1262-2

R.T.: 8.083 min
Delta R.T.: 0.003 min
Response: 284520
Conc: 33.46 ng/ml



#37 AR-1262-2

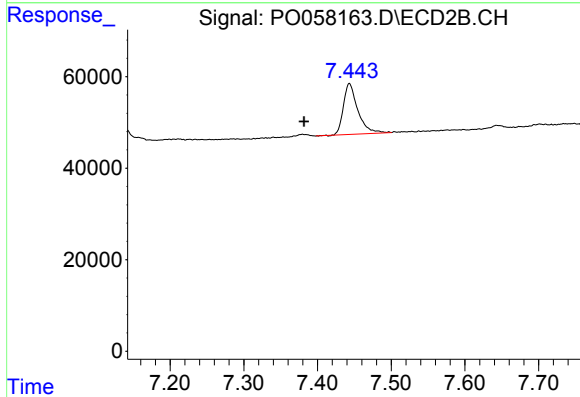
R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 184331
Conc: 28.54 ng/ml



#38 AR-1262-3

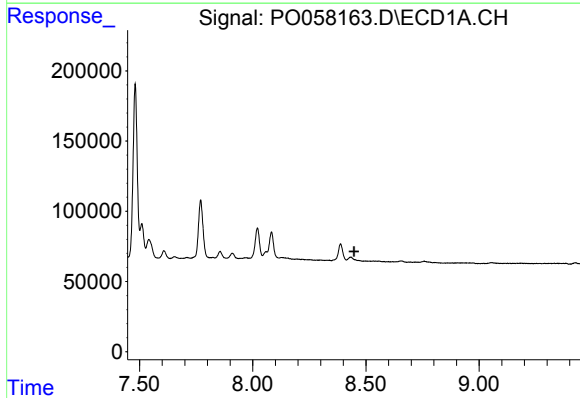
R.T.: 8.388 min
Delta R.T.: 0.025 min
Response: 61681
Conc: 10.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



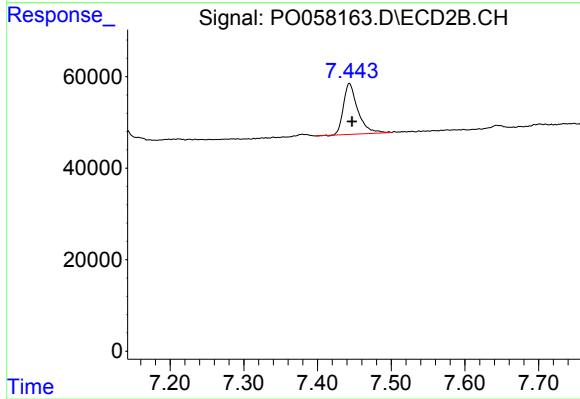
#38 AR-1262-3

R.T.: 7.443 min
Delta R.T.: 0.062 min
Response: 150257
Conc: 54.51 ng/ml



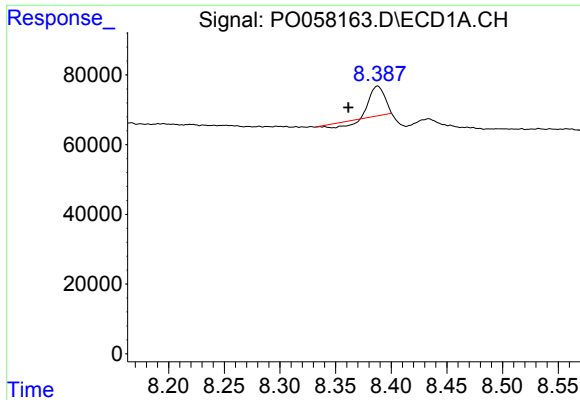
#39 AR-1262-4

R.T.: 8.434 min
Delta R.T.: -0.014 min
Response: -16116
Conc: N.D.



#39 AR-1262-4

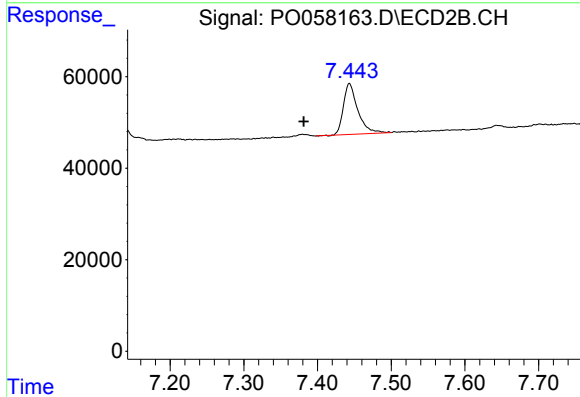
R.T.: 7.443 min
Delta R.T.: -0.004 min
Response: 150257
Conc: 31.47 ng/ml



#41 AR-1268-1

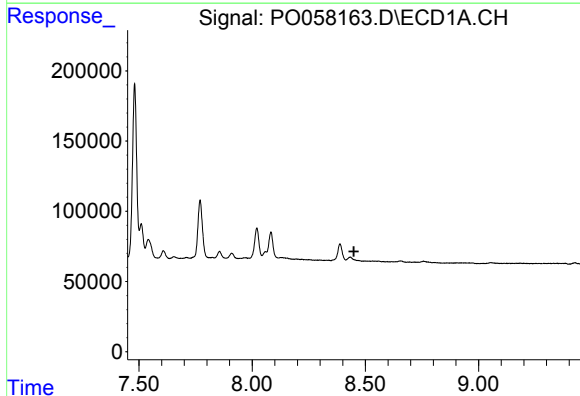
R.T.: 8.388 min
Delta R.T.: 0.026 min
Response: 61681
Conc: 6.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



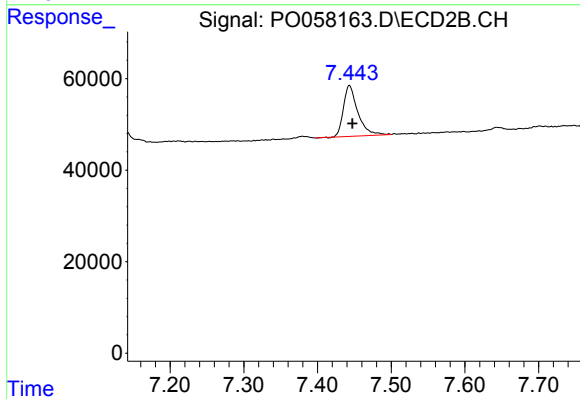
#41 AR-1268-1

R.T.: 7.443 min
Delta R.T.: 0.062 min
Response: 150257
Conc: 19.25 ng/ml



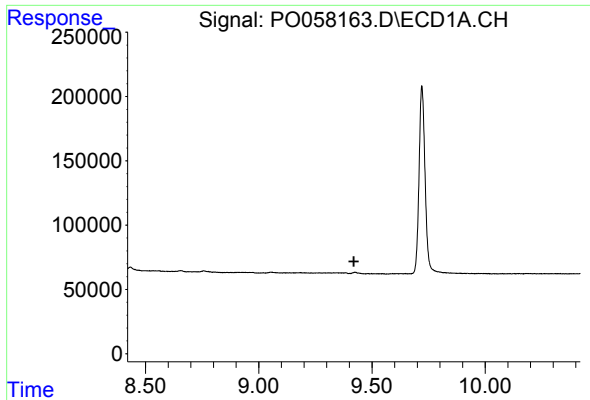
#42 AR-1268-2

R.T.: 8.434 min
Delta R.T.: -0.016 min
Response: -16116
Conc: N.D.



#42 AR-1268-2

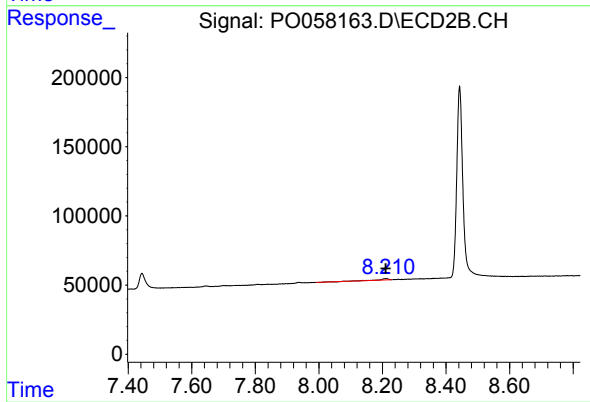
R.T.: 7.443 min
Delta R.T.: -0.004 min
Response: 150257
Conc: 21.09 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.420 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 20557
Conc: 1.23 ng/ml