

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121919\
 Data File : P0064791.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Dec 2019 13:58
 Operator : SM/AJ
 Sample : K6359-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 15:35:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 13 08:19:24 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...	4.201	3.462	391733	513692	16.091	20.265 #
2)	SA Decachlor...	9.731	8.387	419169	855325	13.658	24.629 #
Target Compounds							
3)	L1 AR-1016-1	5.356	4.529	49585	69137	49.692	63.928 #
4)	L1 AR-1016-2	5.356	4.547	49585	81522	34.143	54.208 #
5)	L1 AR-1016-3	5.438	4.720	52981	57723	59.879	74.254
6)	L1 AR-1016-4	5.536	4.762	46781	52599	64.586	79.999
7)	L1 AR-1016-5	5.827	4.973	57490	62540	78.886	71.674
10)	L2 AR-1221-3	0.000	3.873	0	110203	N.D.	155.975 #
11)	L3 AR-1232-1	0.000	3.873	0	110203	N.D.	98.570 #
12)	L3 AR-1232-2	5.059	4.547	152767	81522	299.012	67.750 #
13)	L3 AR-1232-3	5.356	4.720	49585	57723	44.349	92.743 #
14)	L3 AR-1232-4	5.536	4.803	46781	31868	84.151	55.938 #
15)	L3 AR-1232-5	5.626	4.973	46576	62540	112.235	98.536
16)	L4 AR-1242-1	5.356	4.529	49585	69137	63.273	79.566 #
17)	L4 AR-1242-2	5.356	4.547	49585	81522	43.942	68.305 #
18)	L4 AR-1242-3	5.438	4.720	52981	57723	76.090	91.026
19)	L4 AR-1242-4	5.536	4.803	46781	31868	82.978	48.960 #
20)	L4 AR-1242-5	6.265	5.320	79939	418561	114.701	470.848 #
21)	L5 AR-1248-1	5.356	4.529	49585	69137	76.829	96.584 #
22)	L5 AR-1248-2	5.626	4.762	46576	52599	50.403	53.568
23)	L5 AR-1248-3	5.827	4.803	57490	31868	54.114	31.319 #
24)	L5 AR-1248-4	6.200	4.973	376902	62540	289.013	48.593 #
25)	L5 AR-1248-5	6.265	5.320	79939	418561	64.242	220.175 #
26)	L6 AR-1254-1	6.200	5.320	376902	418561	295.949	206.114 #
27)	L6 AR-1254-2	6.417	5.467	448659	427614	215.696	234.517
28)	L6 AR-1254-3	6.723	5.847	252015	291423	105.543	93.813
29)	L6 AR-1254-4	7.026	6.094	85445	244134	45.694	118.856 #
30)	L6 AR-1254-5	7.429	6.508	294258	3740372	139.855	1253.104 #
31)	L7 AR-1260-1	6.891	5.995	240724	1987477	156.690	1076.348 #
32)	L7 AR-1260-2	7.197	6.183	1996745	2823943	1011.523	1213.761
33)	L7 AR-1260-3	7.552	6.334	1810641	2693690	1204.997	1272.217
34)	L7 AR-1260-4	7.740	6.803	411393	2954386	222.709	1568.230 #
35)	L7 AR-1260-5	8.081	7.044	5708840	8278297	1529.820	1765.087
36)	L8 AR-1262-1	7.552	6.598	1810641	1367016	787.426	1191.558 #
37)	L8 AR-1262-2	8.081	7.044	5708840	8278297	1315.210	1514.973
38)	L8 AR-1262-3	8.382	7.325	3826084	1639695	1314.811	787.251 #
39)	L8 AR-1262-4	8.434	7.388	2181819	6499618	1008.080	1632.629 #
40)	L8 AR-1262-5	8.992	7.881	29961	2079128	20.426	1192.448 #
41)	L9 AR-1268-1	8.382	7.325	3826084	1639695	740.330	256.422 #
42)	L9 AR-1268-2	8.434	7.388	2181819	6499618	463.976	1115.152 #
43)	L9 AR-1268-3	8.661	7.593	57488	90078	14.913	18.858 #

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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
44) L9	AR-1268-4	8.992	7.881	29961	2079128	17.821	1032.905 #
45) L9	AR-1268-5	9.429	8.153	334793	433276	28.213	29.951

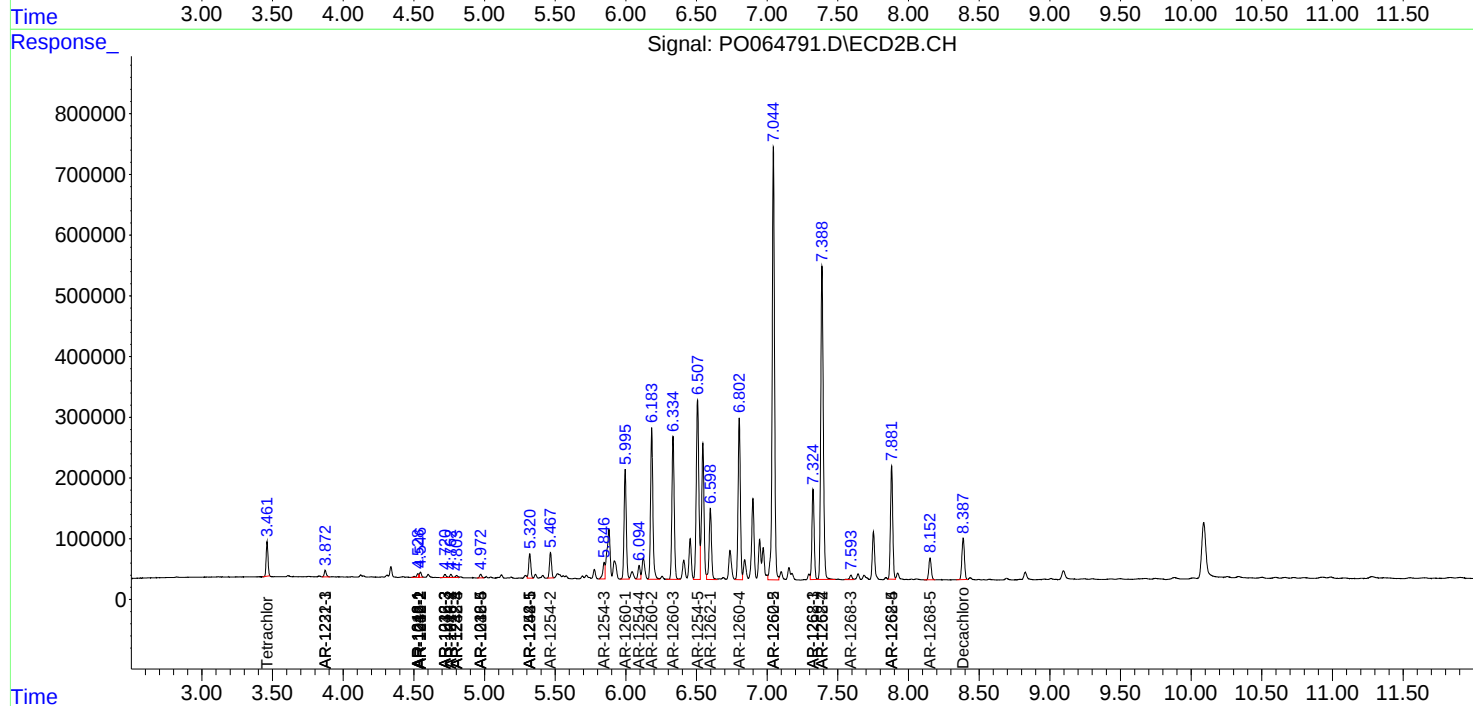
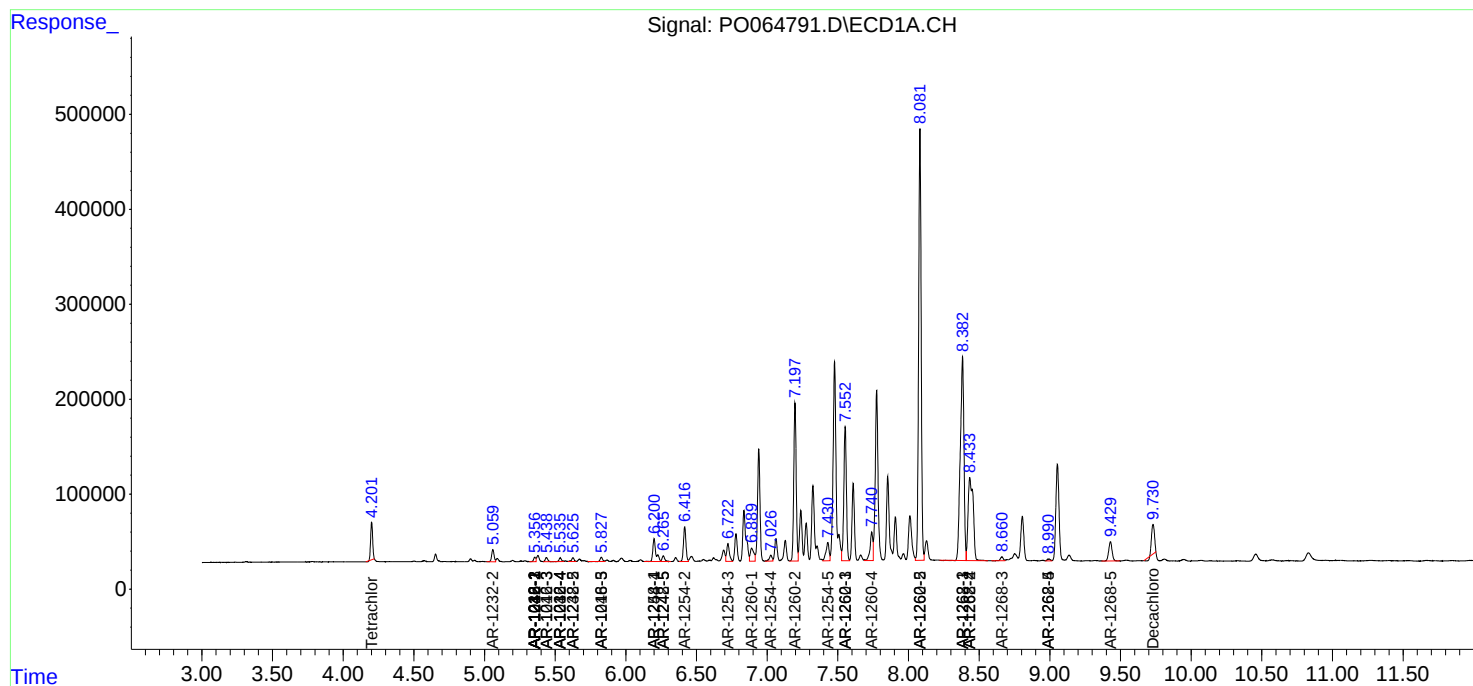
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

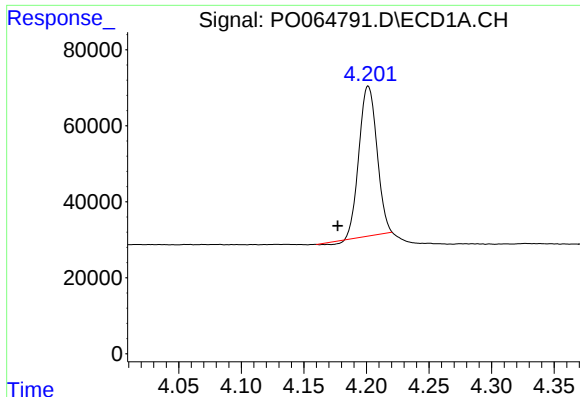
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121919\
Data File : P0064791.D
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

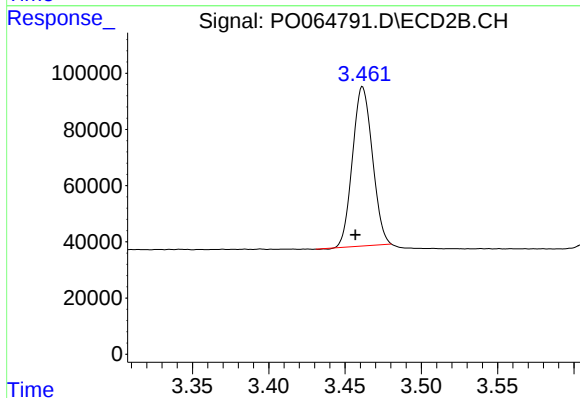




#1 Tetrachloro-m-xylene

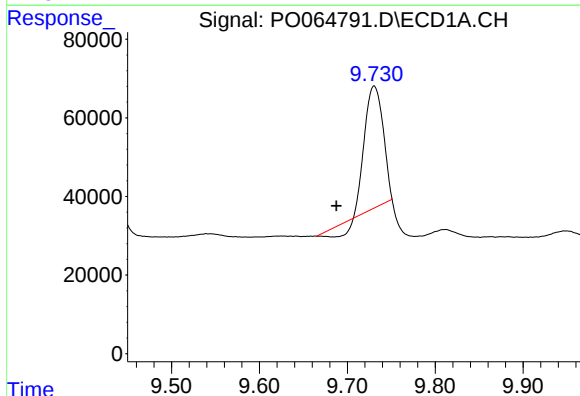
R.T.: 4.201 min
Delta R.T.: 0.024 min
Response: 391733
Conc: 16.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



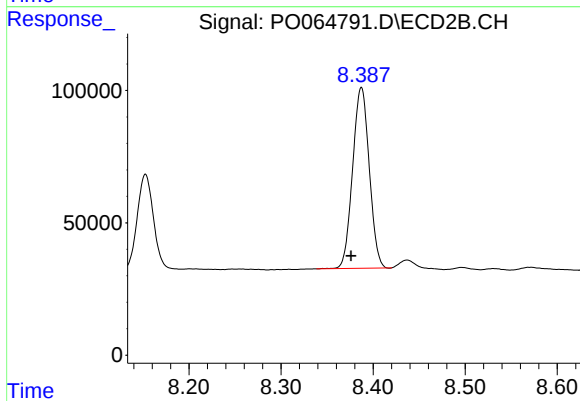
#1 Tetrachloro-m-xylene

R.T.: 3.462 min
Delta R.T.: 0.005 min
Response: 513692
Conc: 20.26 ng/ml



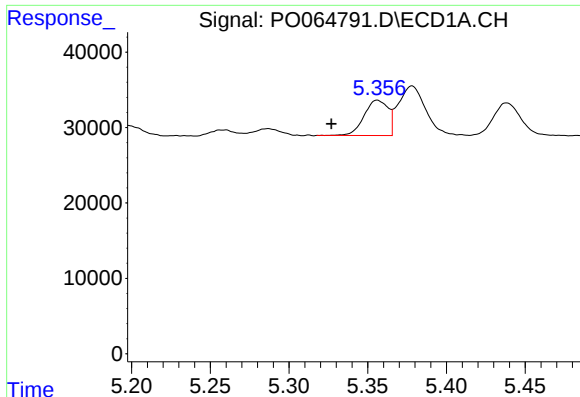
#2 Decachlorobiphenyl

R.T.: 9.731 min
Delta R.T.: 0.043 min
Response: 419169
Conc: 13.66 ng/ml



#2 Decachlorobiphenyl

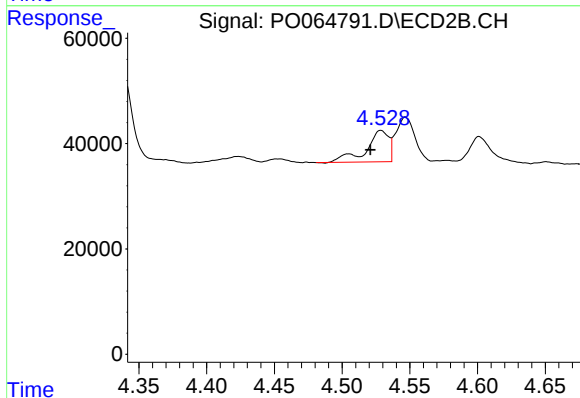
R.T.: 8.387 min
Delta R.T.: 0.011 min
Response: 855325
Conc: 24.63 ng/ml



#3 AR-1016-1

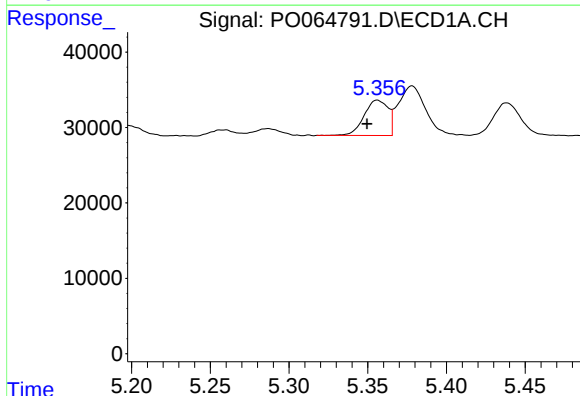
R.T.: 5.356 min
Delta R.T.: 0.029 min
Response: 49585
Conc: 49.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



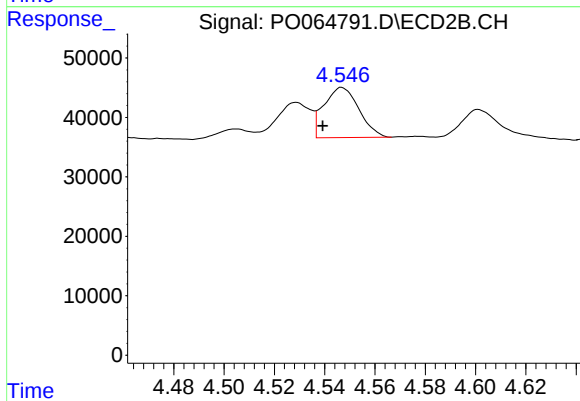
#3 AR-1016-1

R.T.: 4.529 min
Delta R.T.: 0.008 min
Response: 69137
Conc: 63.93 ng/ml



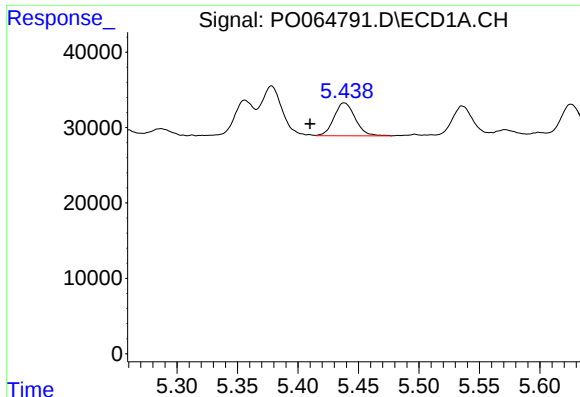
#4 AR-1016-2

R.T.: 5.356 min
Delta R.T.: 0.007 min
Response: 49585
Conc: 34.14 ng/ml



#4 AR-1016-2

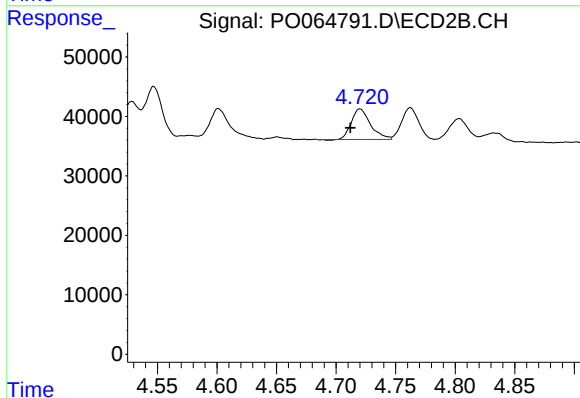
R.T.: 4.547 min
Delta R.T.: 0.008 min
Response: 81522
Conc: 54.21 ng/ml



#5 AR-1016-3

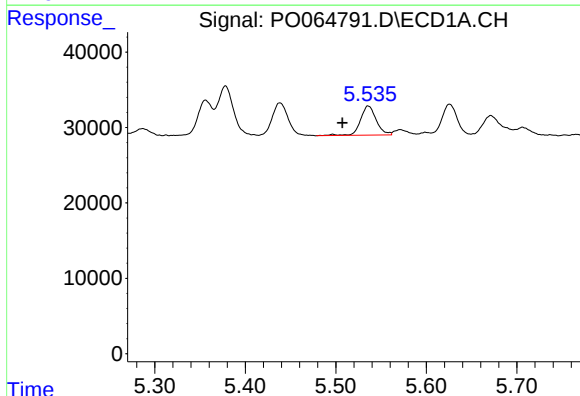
R.T.: 5.438 min
Delta R.T.: 0.028 min
Response: 52981
Conc: 59.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



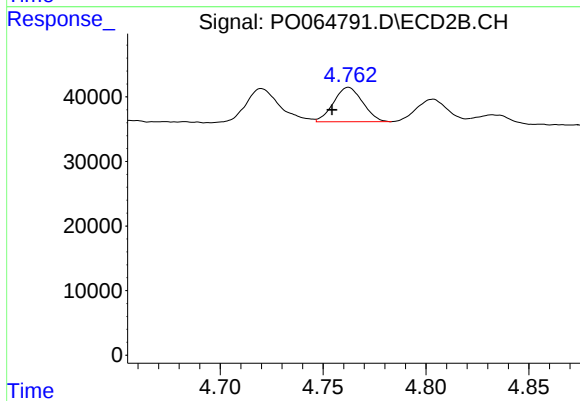
#5 AR-1016-3

R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 57723
Conc: 74.25 ng/ml



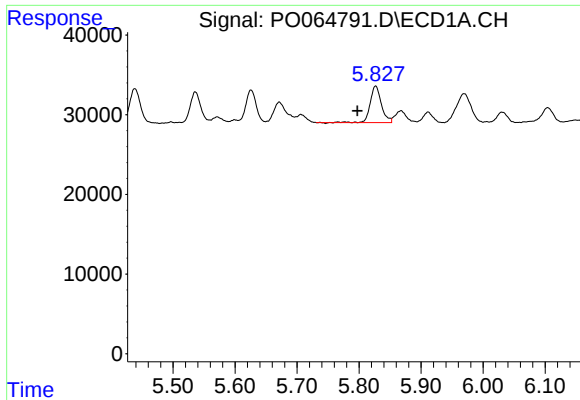
#6 AR-1016-4

R.T.: 5.536 min
Delta R.T.: 0.029 min
Response: 46781
Conc: 64.59 ng/ml



#6 AR-1016-4

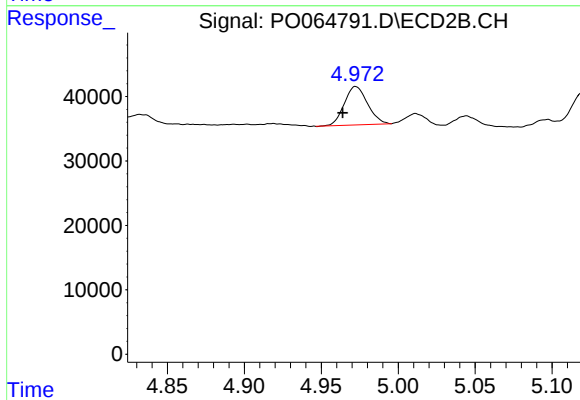
R.T.: 4.762 min
Delta R.T.: 0.008 min
Response: 52599
Conc: 80.00 ng/ml



#7 AR-1016-5

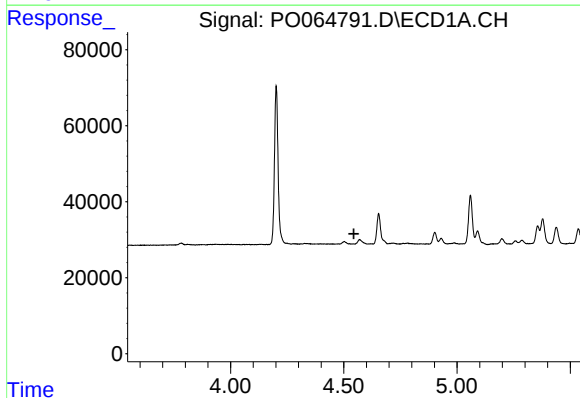
R.T.: 5.827 min
Delta R.T.: 0.030 min
Response: 57490
Conc: 78.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



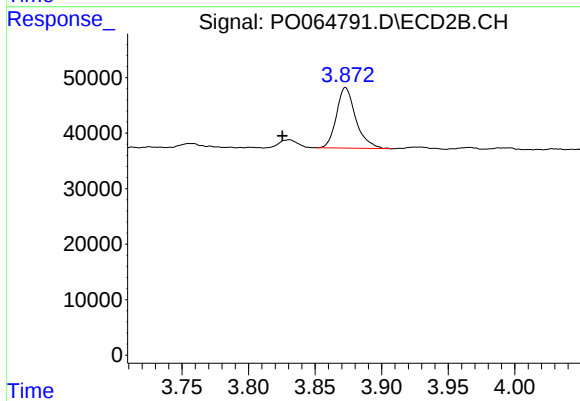
#7 AR-1016-5

R.T.: 4.973 min
Delta R.T.: 0.009 min
Response: 62540
Conc: 71.67 ng/ml



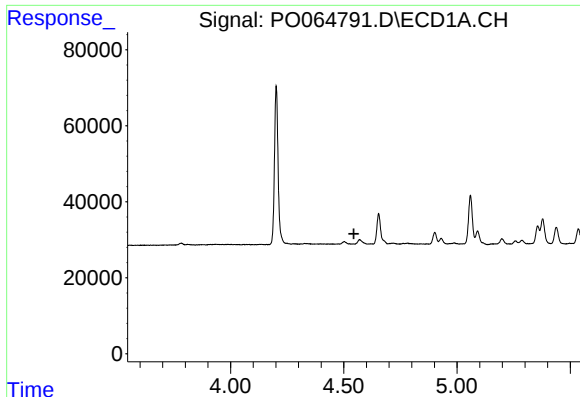
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.



#10 AR-1221-3

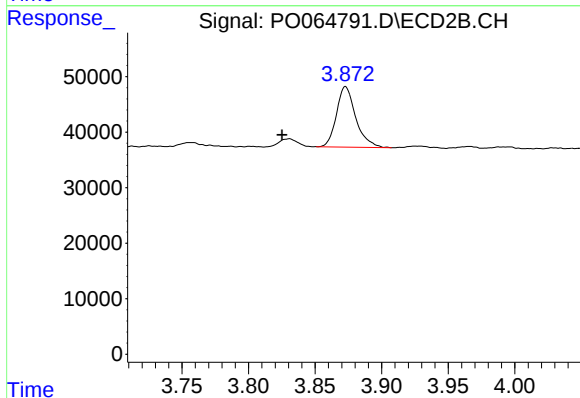
R.T.: 3.873 min
Delta R.T.: 0.047 min
Response: 110203
Conc: 155.98 ng/ml



#11 AR-1232-1

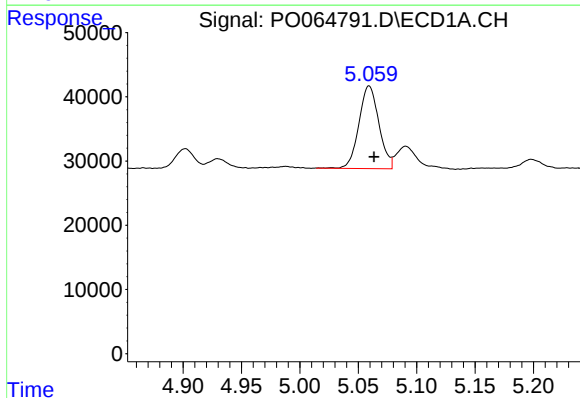
R.T.: 0.000 min
Exp R.T.: 4.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



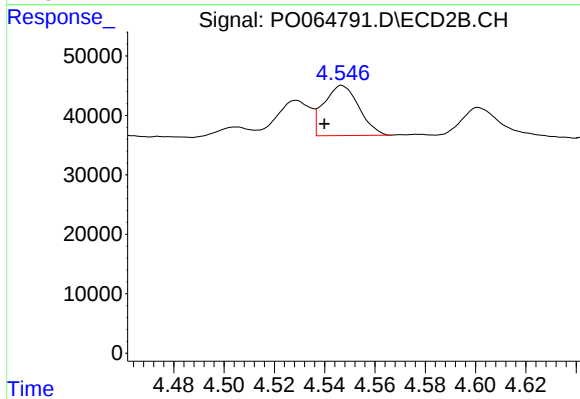
#11 AR-1232-1

R.T.: 3.873 min
Delta R.T.: 0.048 min
Response: 110203
Conc: 98.57 ng/ml



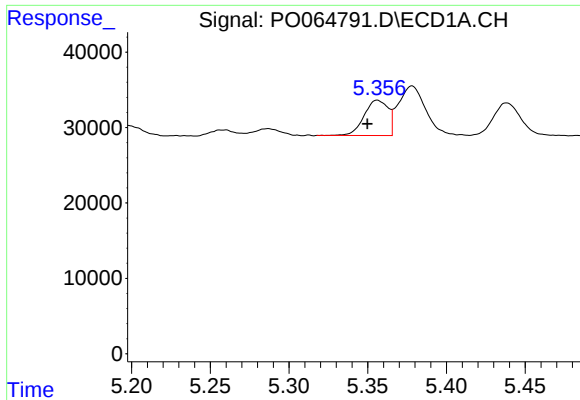
#12 AR-1232-2

R.T.: 5.059 min
Delta R.T.: -0.004 min
Response: 152767
Conc: 299.01 ng/ml



#12 AR-1232-2

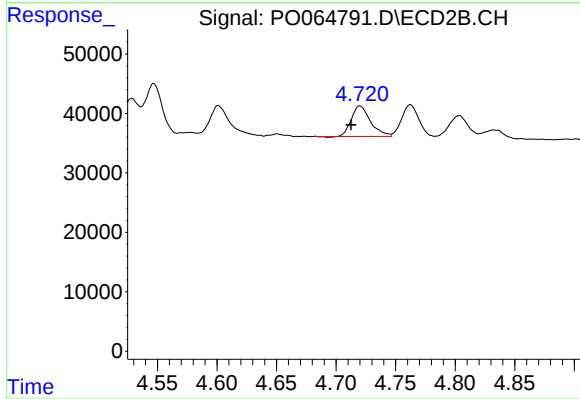
R.T.: 4.547 min
Delta R.T.: 0.007 min
Response: 81522
Conc: 67.75 ng/ml



#13 AR-1232-3

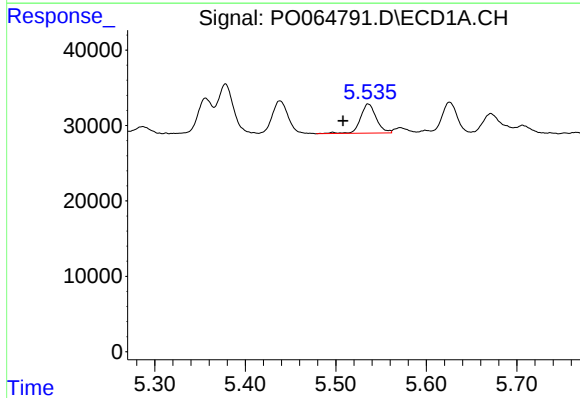
R.T.: 5.356 min
Delta R.T.: 0.006 min
Response: 49585
Conc: 44.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



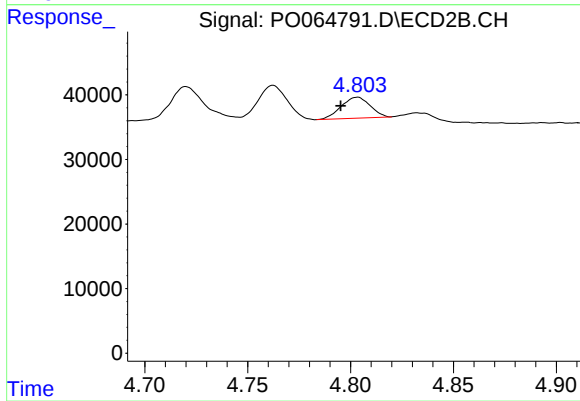
#13 AR-1232-3

R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 57723
Conc: 92.74 ng/ml



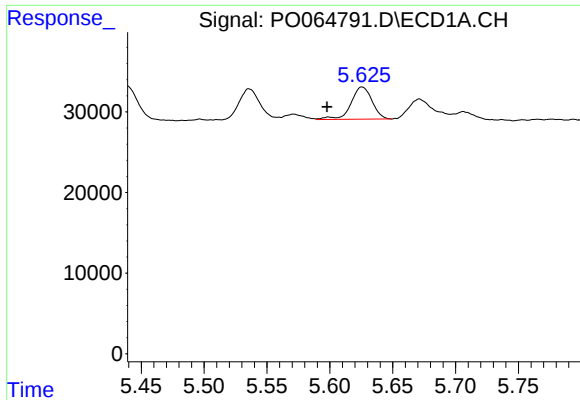
#14 AR-1232-4

R.T.: 5.536 min
Delta R.T.: 0.028 min
Response: 46781
Conc: 84.15 ng/ml



#14 AR-1232-4

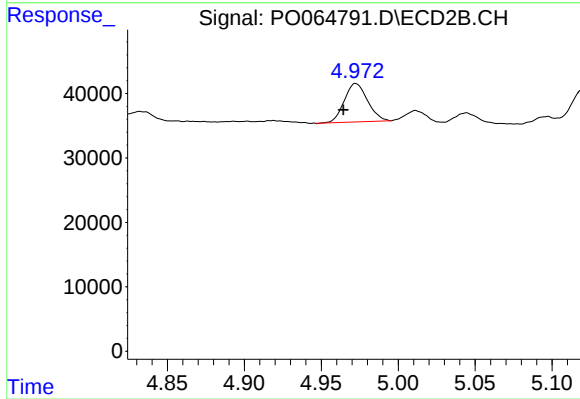
R.T.: 4.803 min
Delta R.T.: 0.008 min
Response: 31868
Conc: 55.94 ng/ml



#15 AR-1232-5

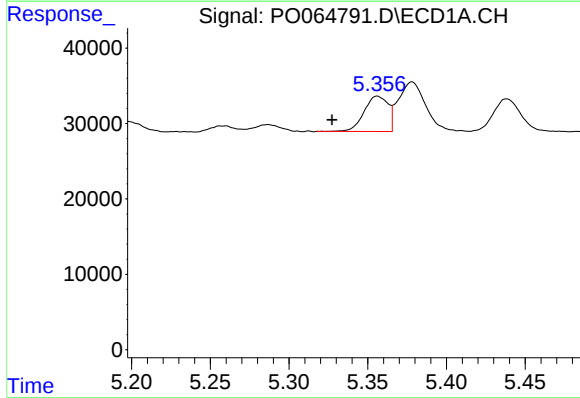
R.T.: 5.626 min
Delta R.T.: 0.028 min
Response: 46576
Conc: 112.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



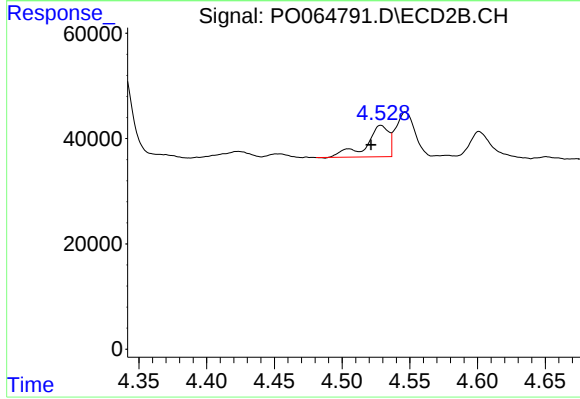
#15 AR-1232-5

R.T.: 4.973 min
Delta R.T.: 0.008 min
Response: 62540
Conc: 98.54 ng/ml



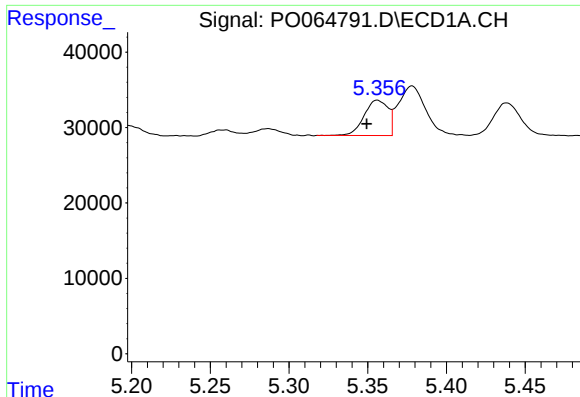
#16 AR-1242-1

R.T.: 5.356 min
Delta R.T.: 0.029 min
Response: 49585
Conc: 63.27 ng/ml



#16 AR-1242-1

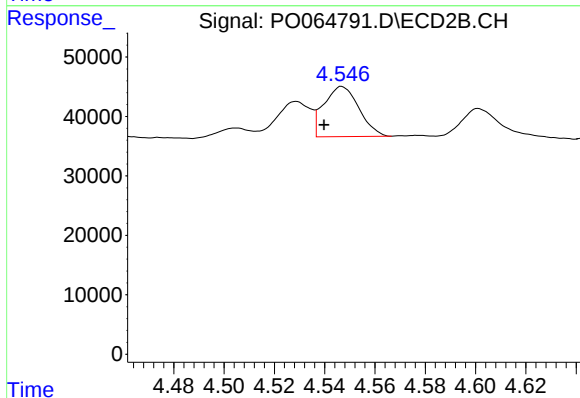
R.T.: 4.529 min
Delta R.T.: 0.007 min
Response: 69137
Conc: 79.57 ng/ml



#17 AR-1242-2

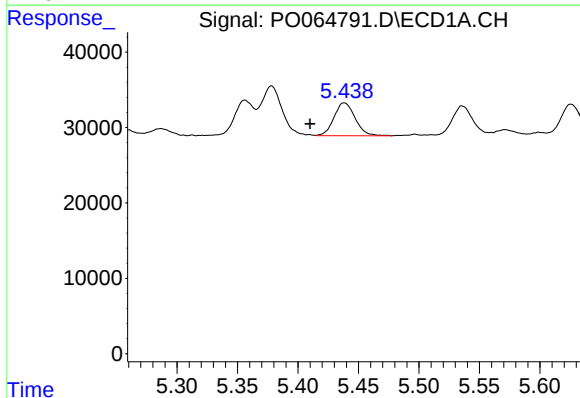
R.T.: 5.356 min
Delta R.T.: 0.007 min
Response: 49585
Conc: 43.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



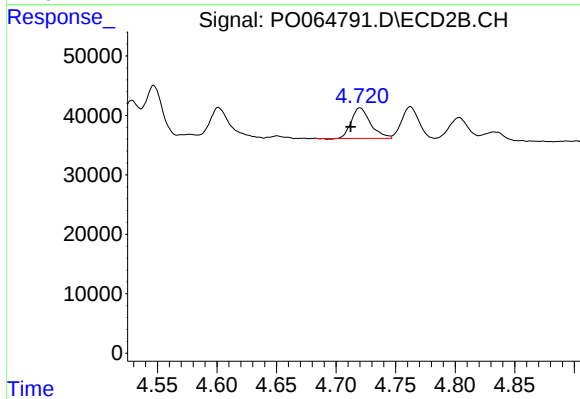
#17 AR-1242-2

R.T.: 4.547 min
Delta R.T.: 0.007 min
Response: 81522
Conc: 68.31 ng/ml



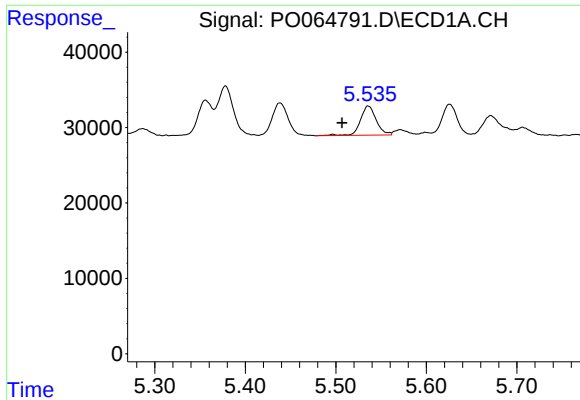
#18 AR-1242-3

R.T.: 5.438 min
Delta R.T.: 0.028 min
Response: 52981
Conc: 76.09 ng/ml



#18 AR-1242-3

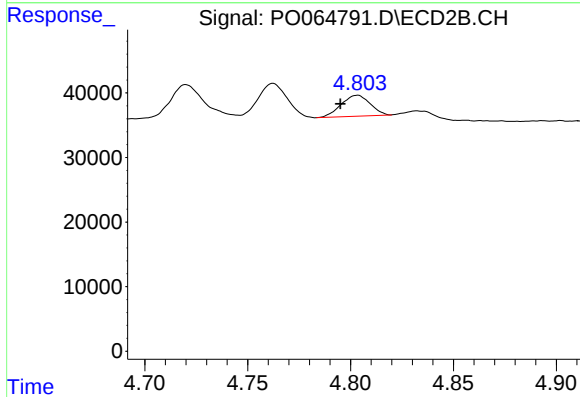
R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 57723
Conc: 91.03 ng/ml



#19 AR-1242-4

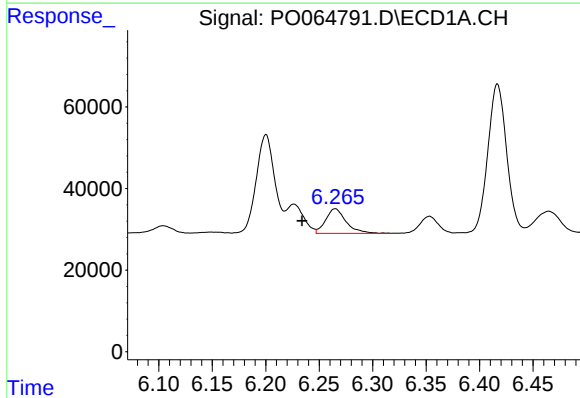
R.T.: 5.536 min
Delta R.T.: 0.029 min
Response: 46781
Conc: 82.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



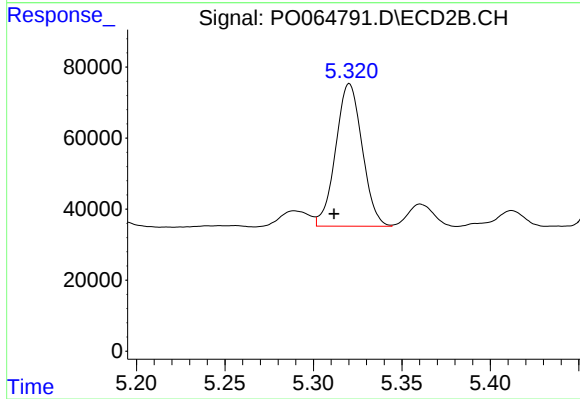
#19 AR-1242-4

R.T.: 4.803 min
Delta R.T.: 0.008 min
Response: 31868
Conc: 48.96 ng/ml



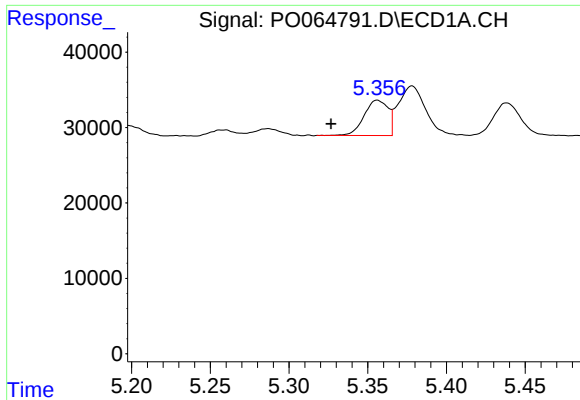
#20 AR-1242-5

R.T.: 6.265 min
Delta R.T.: 0.031 min
Response: 79939
Conc: 114.70 ng/ml



#20 AR-1242-5

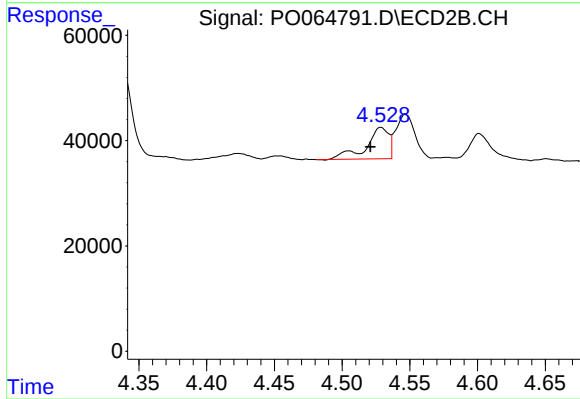
R.T.: 5.320 min
Delta R.T.: 0.009 min
Response: 418561
Conc: 470.85 ng/ml



#21 AR-1248-1

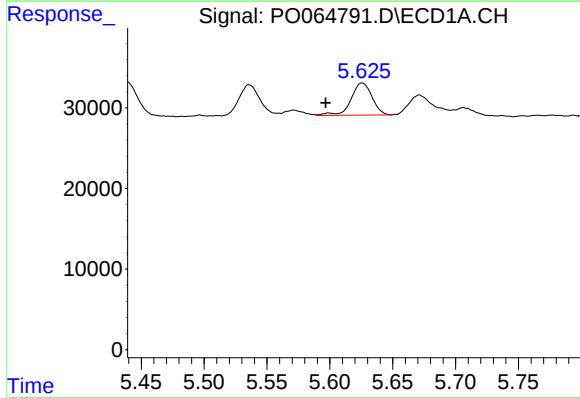
R.T.: 5.356 min
Delta R.T.: 0.029 min
Response: 49585
Conc: 76.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



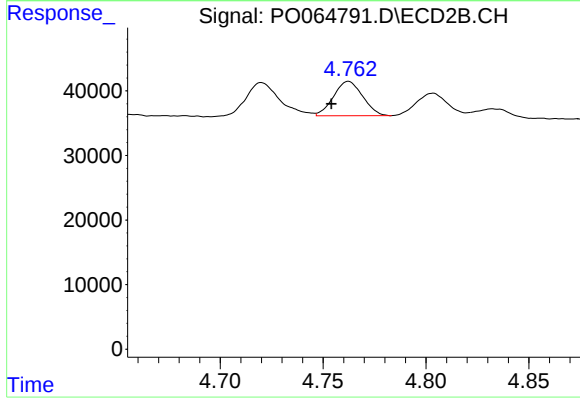
#21 AR-1248-1

R.T.: 4.529 min
Delta R.T.: 0.008 min
Response: 69137
Conc: 96.58 ng/ml



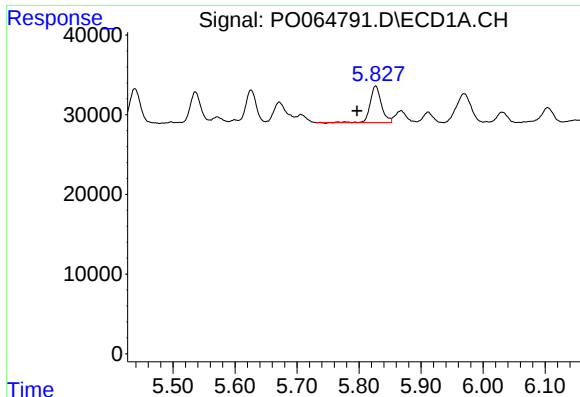
#22 AR-1248-2

R.T.: 5.626 min
Delta R.T.: 0.029 min
Response: 46576
Conc: 50.40 ng/ml



#22 AR-1248-2

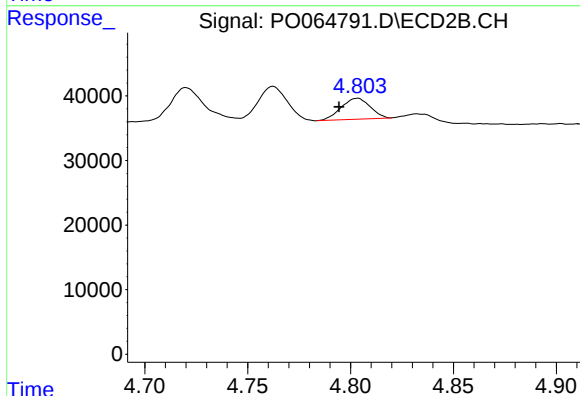
R.T.: 4.762 min
Delta R.T.: 0.008 min
Response: 52599
Conc: 53.57 ng/ml



#23 AR-1248-3

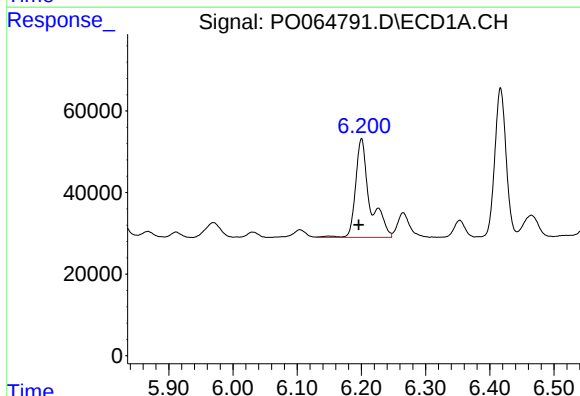
R.T.: 5.827 min
Delta R.T.: 0.030 min
Response: 57490
Conc: 54.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



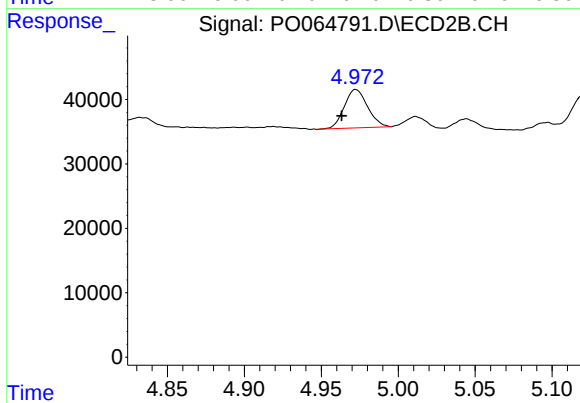
#23 AR-1248-3

R.T.: 4.803 min
Delta R.T.: 0.009 min
Response: 31868
Conc: 31.32 ng/ml



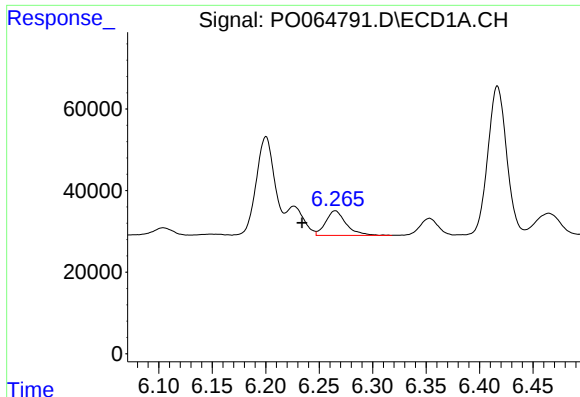
#24 AR-1248-4

R.T.: 6.200 min
Delta R.T.: 0.004 min
Response: 376902
Conc: 289.01 ng/ml



#24 AR-1248-4

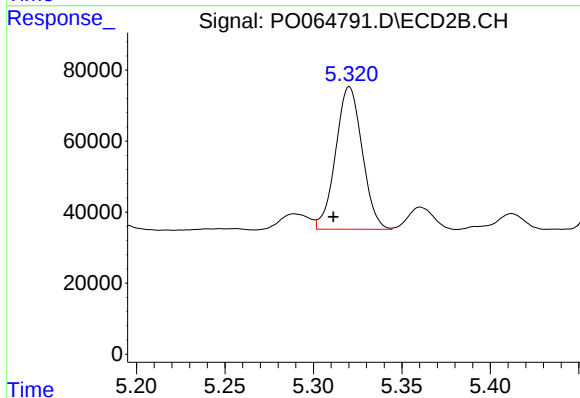
R.T.: 4.973 min
Delta R.T.: 0.009 min
Response: 62540
Conc: 48.59 ng/ml



#25 AR-1248-5

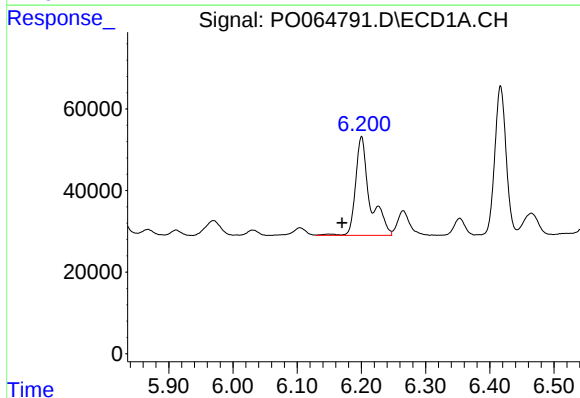
R.T.: 6.265 min
Delta R.T.: 0.031 min
Response: 79939
Conc: 64.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



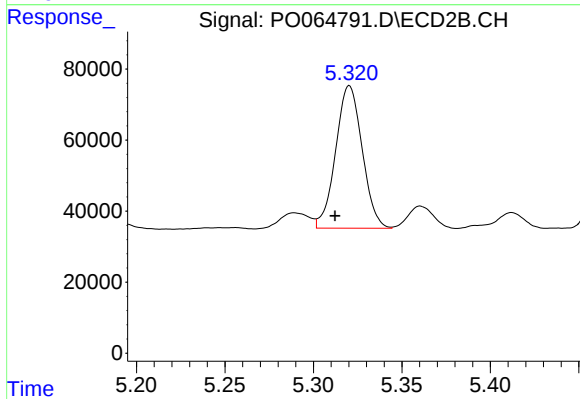
#25 AR-1248-5

R.T.: 5.320 min
Delta R.T.: 0.009 min
Response: 418561
Conc: 220.17 ng/ml



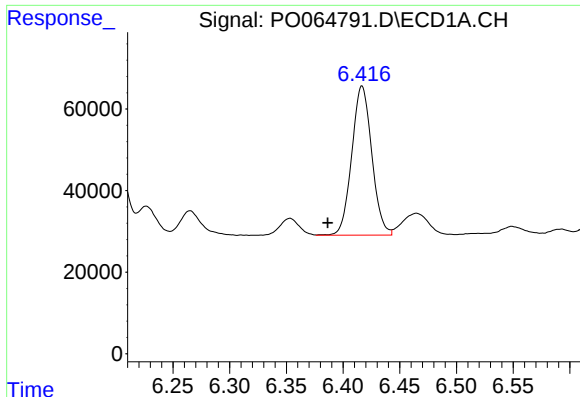
#26 AR-1254-1

R.T.: 6.200 min
Delta R.T.: 0.030 min
Response: 376902
Conc: 295.95 ng/ml



#26 AR-1254-1

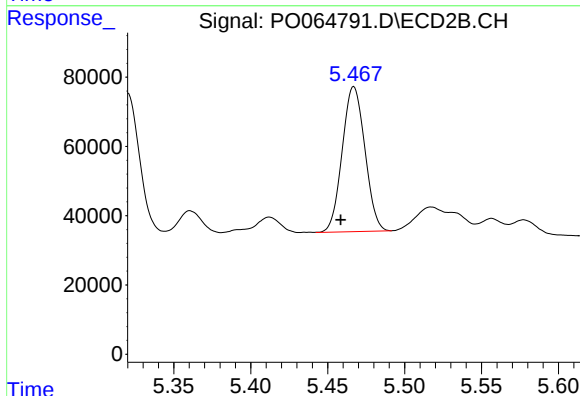
R.T.: 5.320 min
Delta R.T.: 0.008 min
Response: 418561
Conc: 206.11 ng/ml



#27 AR-1254-2

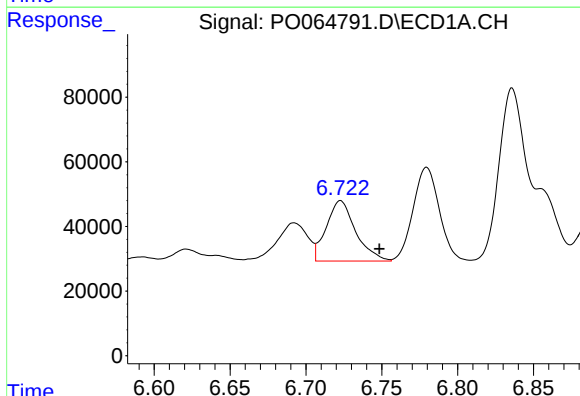
R.T.: 6.417 min
Delta R.T.: 0.030 min
Response: 448659
Conc: 215.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



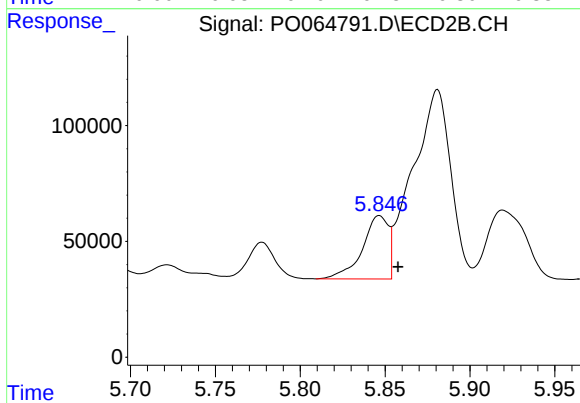
#27 AR-1254-2

R.T.: 5.467 min
Delta R.T.: 0.008 min
Response: 427614
Conc: 234.52 ng/ml



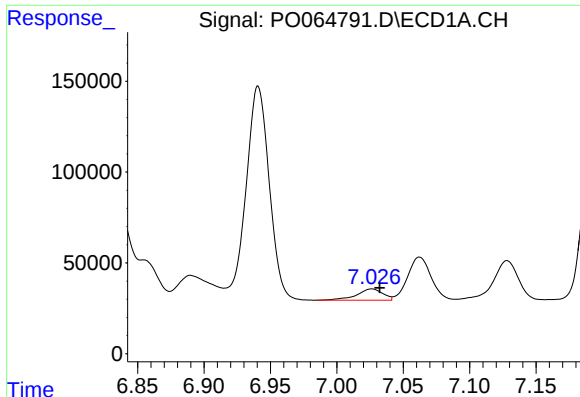
#28 AR-1254-3

R.T.: 6.723 min
Delta R.T.: -0.025 min
Response: 252015
Conc: 105.54 ng/ml



#28 AR-1254-3

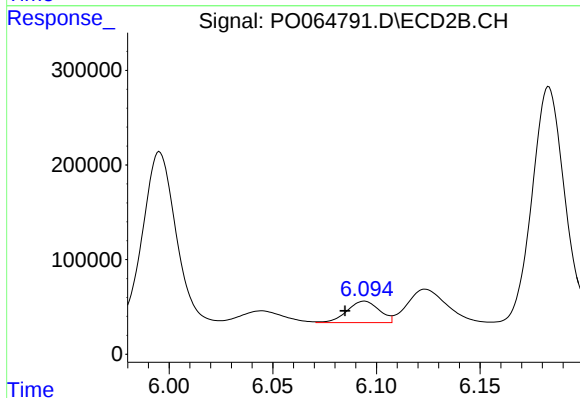
R.T.: 5.847 min
Delta R.T.: -0.011 min
Response: 291423
Conc: 93.81 ng/ml



#29 AR-1254-4

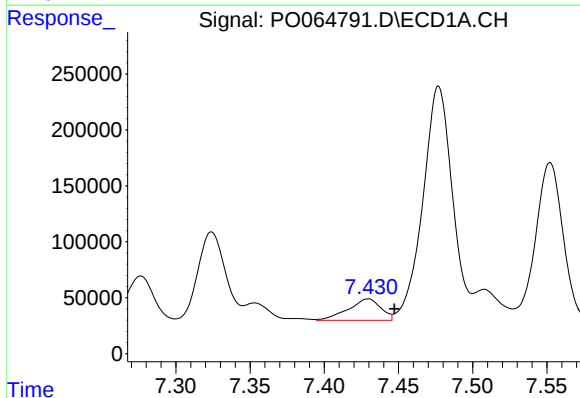
R.T.: 7.026 min
Delta R.T.: -0.006 min
Response: 85445
Conc: 45.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



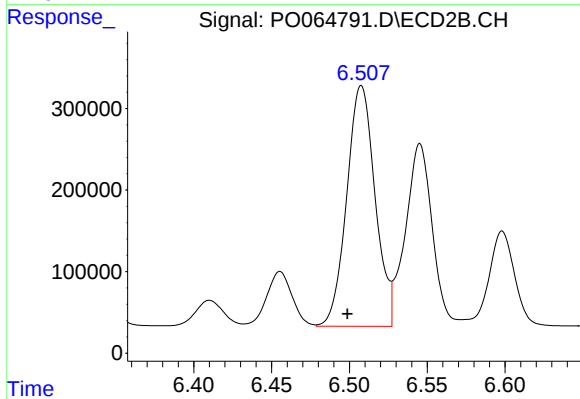
#29 AR-1254-4

R.T.: 6.094 min
Delta R.T.: 0.009 min
Response: 244134
Conc: 118.86 ng/ml



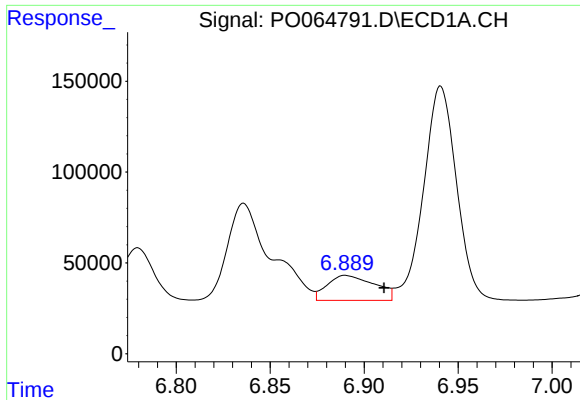
#30 AR-1254-5

R.T.: 7.429 min
Delta R.T.: -0.018 min
Response: 294258
Conc: 139.85 ng/ml



#30 AR-1254-5

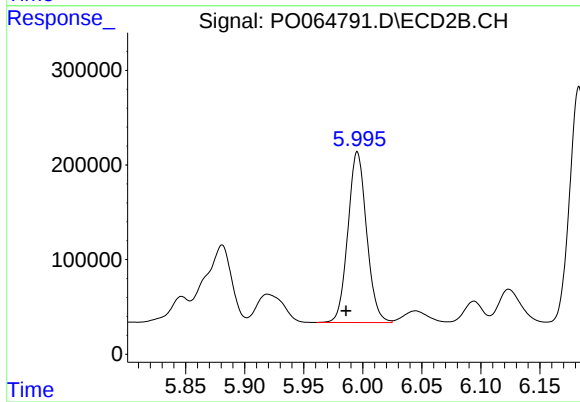
R.T.: 6.508 min
Delta R.T.: 0.009 min
Response: 3740372
Conc: 1253.10 ng/ml



#31 AR-1260-1

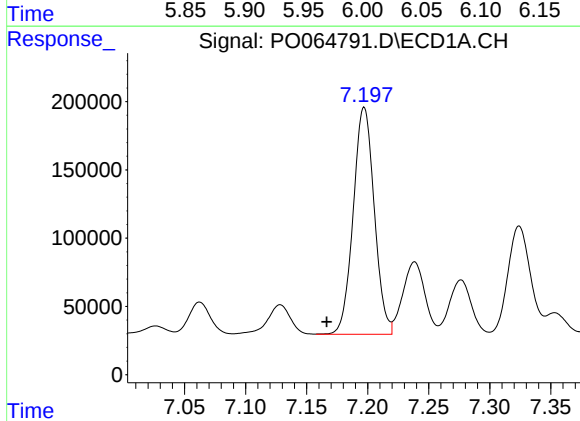
R.T.: 6.891 min
Delta R.T.: -0.020 min
Response: 240724
Conc: 156.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



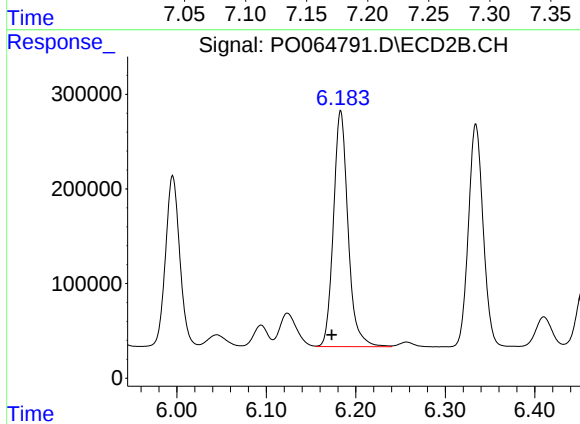
#31 AR-1260-1

R.T.: 5.995 min
Delta R.T.: 0.009 min
Response: 1987477
Conc: 1076.35 ng/ml



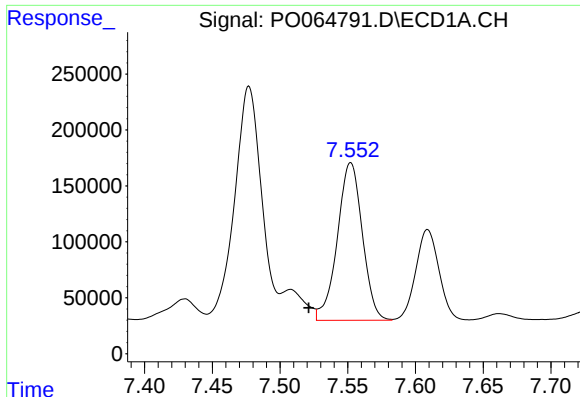
#32 AR-1260-2

R.T.: 7.197 min
Delta R.T.: 0.031 min
Response: 1996745
Conc: 1011.52 ng/ml



#32 AR-1260-2

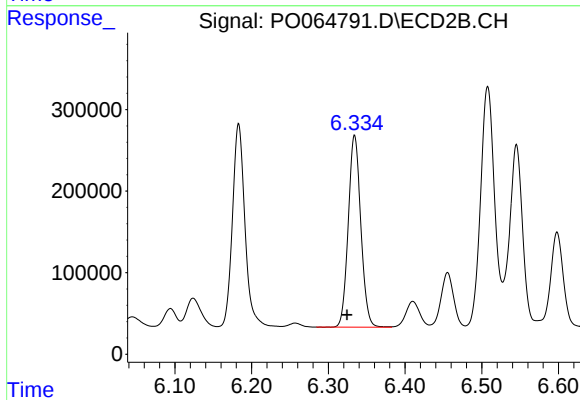
R.T.: 6.183 min
Delta R.T.: 0.010 min
Response: 2823943
Conc: 1213.76 ng/ml



#33 AR-1260-3

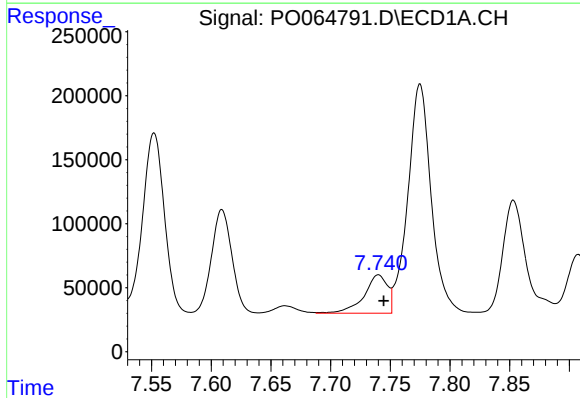
R.T.: 7.552 min
Delta R.T.: 0.031 min
Response: 1810641
Conc: 1205.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



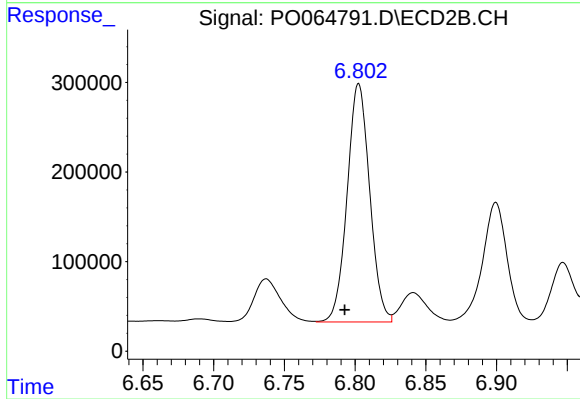
#33 AR-1260-3

R.T.: 6.334 min
Delta R.T.: 0.010 min
Response: 2693690
Conc: 1272.22 ng/ml



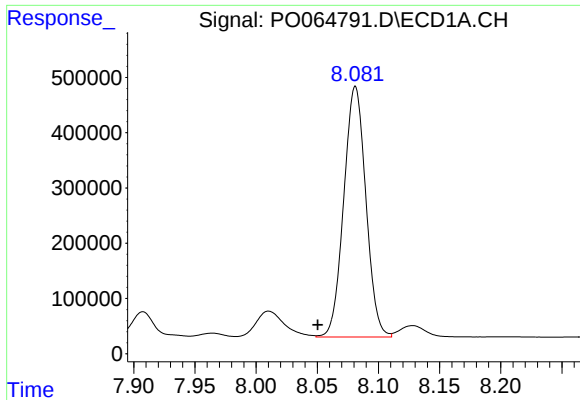
#34 AR-1260-4

R.T.: 7.740 min
Delta R.T.: -0.004 min
Response: 411393
Conc: 222.71 ng/ml



#34 AR-1260-4

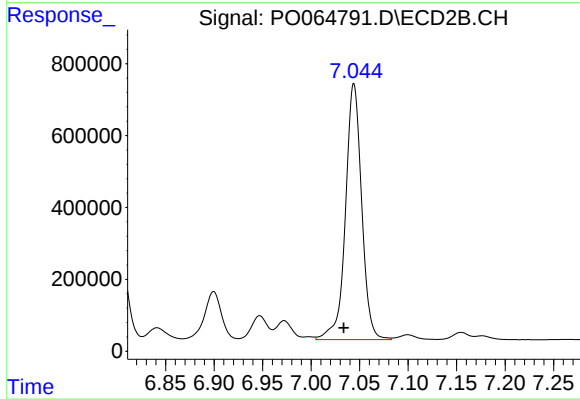
R.T.: 6.803 min
Delta R.T.: 0.010 min
Response: 2954386
Conc: 1568.23 ng/ml



#35 AR-1260-5

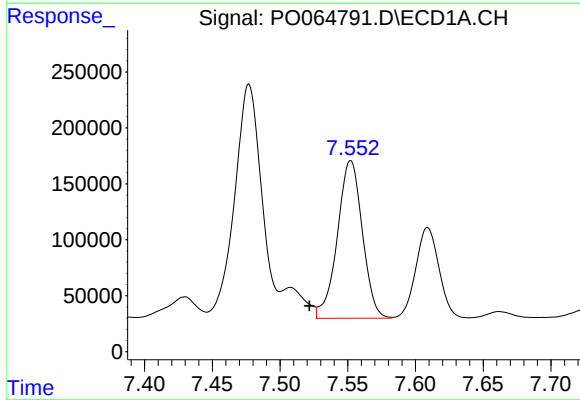
R.T.: 8.081 min
Delta R.T.: 0.031 min
Response: 5708840
Conc: 1529.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



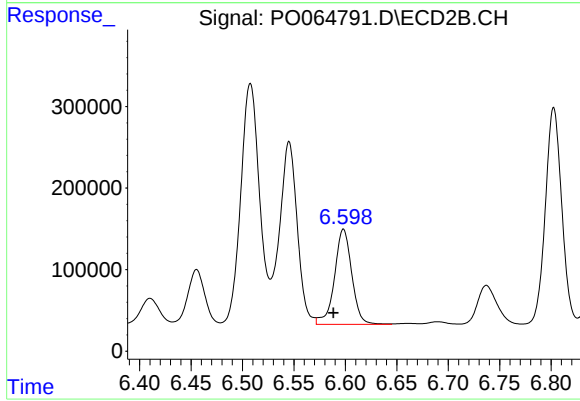
#35 AR-1260-5

R.T.: 7.044 min
Delta R.T.: 0.011 min
Response: 8278297
Conc: 1765.09 ng/ml



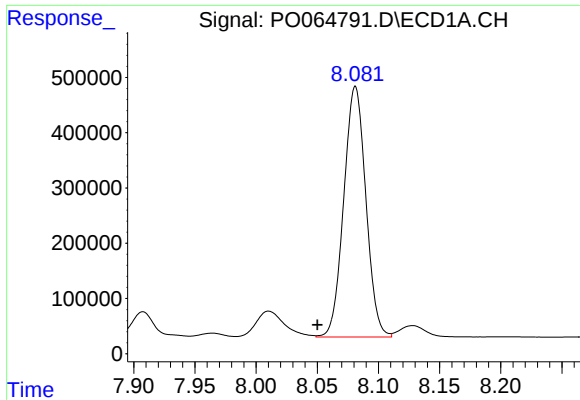
#36 AR-1262-1

R.T.: 7.552 min
Delta R.T.: 0.030 min
Response: 1810641
Conc: 787.43 ng/ml



#36 AR-1262-1

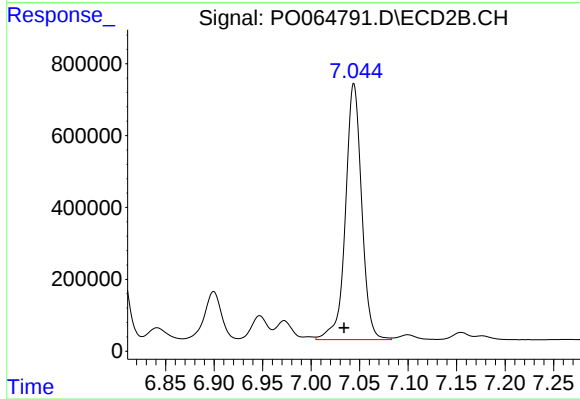
R.T.: 6.598 min
Delta R.T.: 0.010 min
Response: 1367016
Conc: 1191.56 ng/ml



#37 AR-1262-2

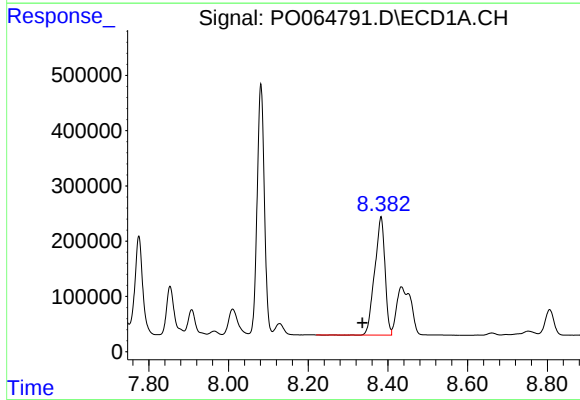
R.T.: 8.081 min
Delta R.T.: 0.031 min
Response: 5708840
Conc: 1315.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



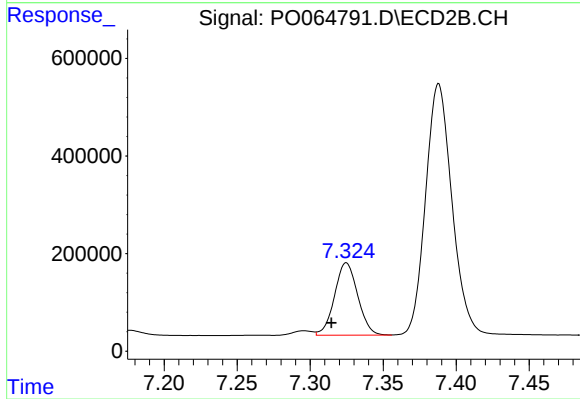
#37 AR-1262-2

R.T.: 7.044 min
Delta R.T.: 0.010 min
Response: 8278297
Conc: 1514.97 ng/ml



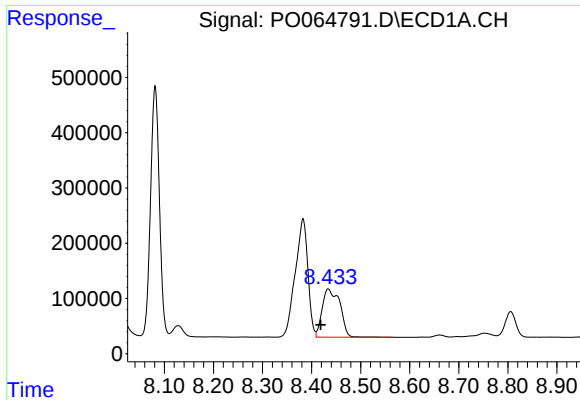
#38 AR-1262-3

R.T.: 8.382 min
Delta R.T.: 0.046 min
Response: 3826084
Conc: 1314.81 ng/ml



#38 AR-1262-3

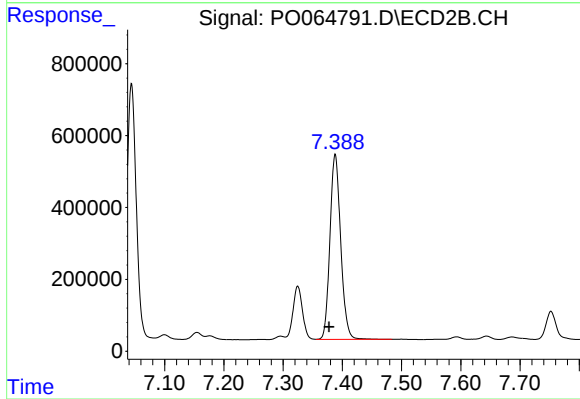
R.T.: 7.325 min
Delta R.T.: 0.010 min
Response: 1639695
Conc: 787.25 ng/ml



#39 AR-1262-4

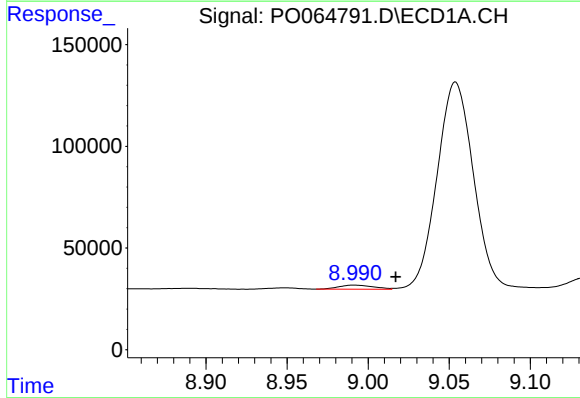
R.T.: 8.434 min
Delta R.T.: 0.015 min
Response: 2181819
Conc: 1008.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



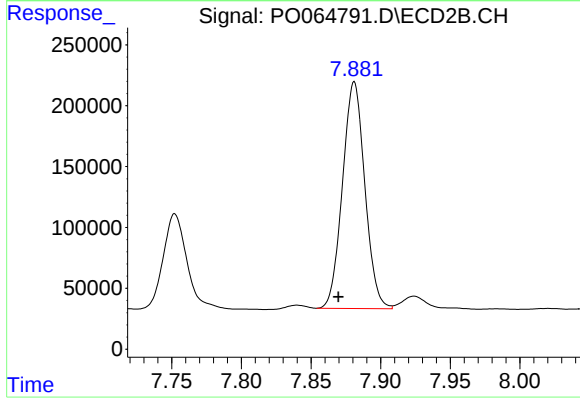
#39 AR-1262-4

R.T.: 7.388 min
Delta R.T.: 0.010 min
Response: 6499618
Conc: 1632.63 ng/ml



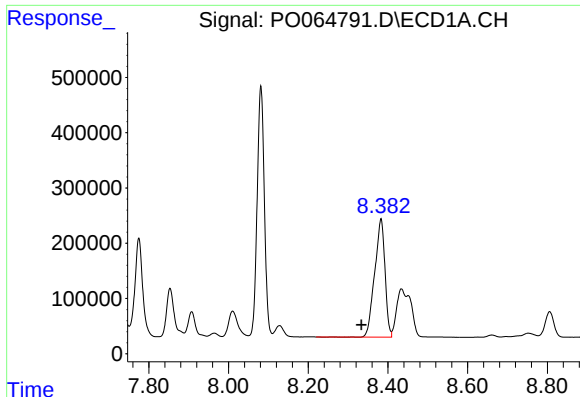
#40 AR-1262-5

R.T.: 8.992 min
Delta R.T.: -0.025 min
Response: 29961
Conc: 20.43 ng/ml



#40 AR-1262-5

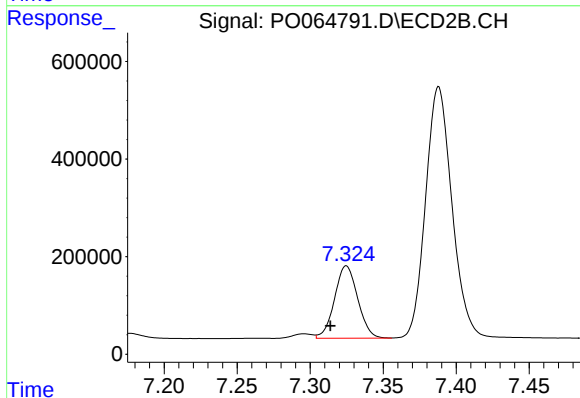
R.T.: 7.881 min
Delta R.T.: 0.011 min
Response: 2079128
Conc: 1192.45 ng/ml



#41 AR-1268-1

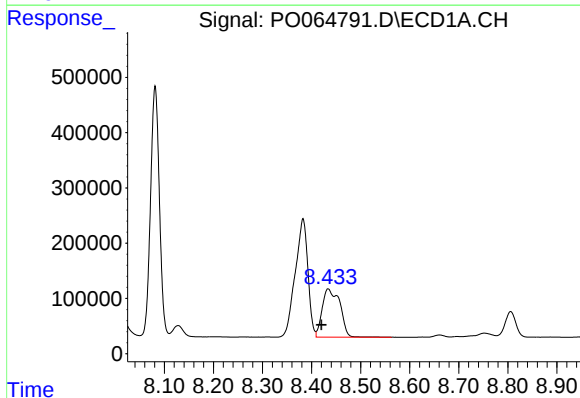
R.T.: 8.382 min
Delta R.T.: 0.049 min
Response: 3826084
Conc: 740.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



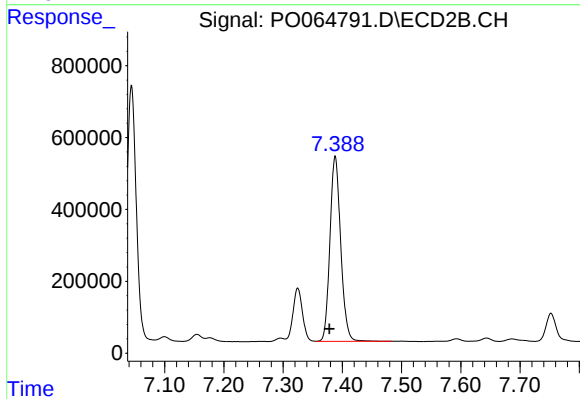
#41 AR-1268-1

R.T.: 7.325 min
Delta R.T.: 0.011 min
Response: 1639695
Conc: 256.42 ng/ml



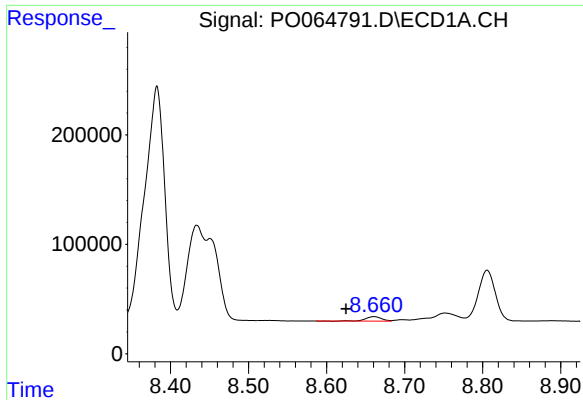
#42 AR-1268-2

R.T.: 8.434 min
Delta R.T.: 0.014 min
Response: 2181819
Conc: 463.98 ng/ml



#42 AR-1268-2

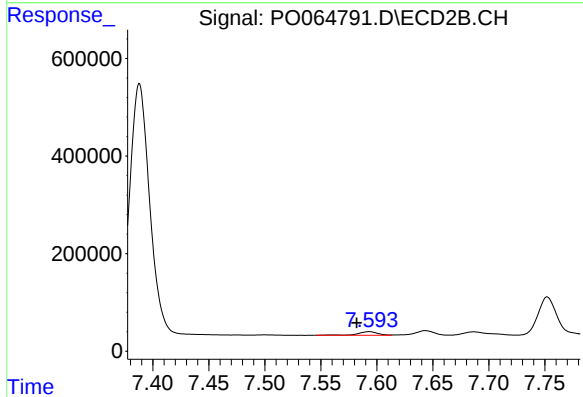
R.T.: 7.388 min
Delta R.T.: 0.010 min
Response: 6499618
Conc: 1115.15 ng/ml



#43 AR-1268-3

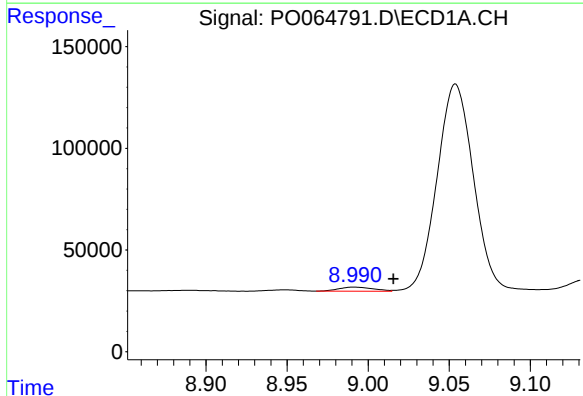
R.T.: 8.661 min
Delta R.T.: 0.036 min
Response: 57488
Conc: 14.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



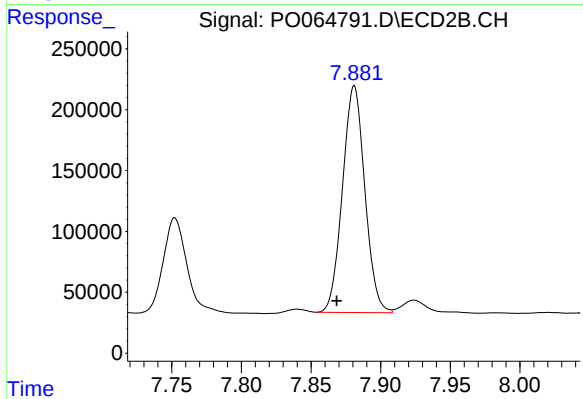
#43 AR-1268-3

R.T.: 7.593 min
Delta R.T.: 0.011 min
Response: 90078
Conc: 18.86 ng/ml



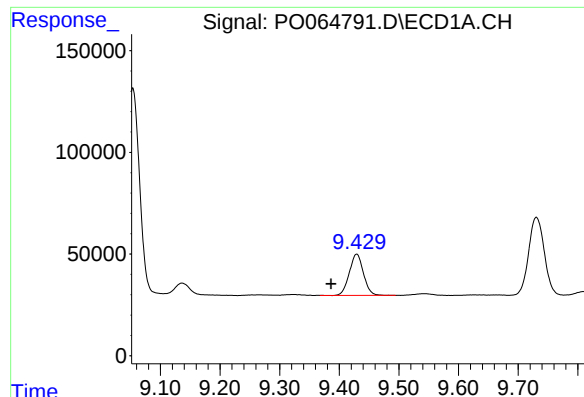
#44 AR-1268-4

R.T.: 8.992 min
Delta R.T.: -0.024 min
Response: 29961
Conc: 17.82 ng/ml



#44 AR-1268-4

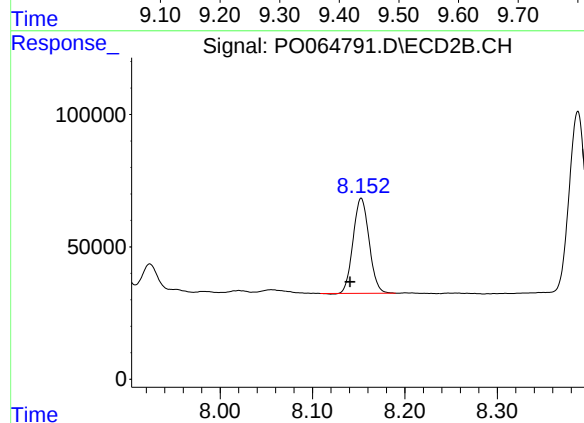
R.T.: 7.881 min
Delta R.T.: 0.013 min
Response: 2079128
Conc: 1032.90 ng/ml



#45 AR-1268-5

R.T.: 9.429 min
Delta R.T.: 0.043 min
Response: 334793
Conc: 28.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.153 min
Delta R.T.: 0.012 min
Response: 433276
Conc: 29.95 ng/ml