

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070919\
 Data File : P0057761.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Jul 2019 10:57
 Operator : SM/SJ
 Sample : PB120998BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 11:15:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 24 14:02:43 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...	4.217	3.546	855088	782784	21.768	22.262
2)	SA Decachlor...	9.748	8.458	1284880	858171	22.849	22.942
Target Compounds							
3)	L1 AR-1016-1	5.396	4.627	504624	336393	285.508	251.606
4)	L1 AR-1016-2	5.396	4.627	504624	336393	195.820	172.786
5)	L1 AR-1016-3	5.457	4.800	347816	186650	223.123	176.294
6)	L1 AR-1016-4	5.555	4.841	95696	181148	73.794	203.605 #
7)	L1 AR-1016-5	5.844	5.052	159107	237301	116.405	207.720 #
8)	L2 AR-1221-1	4.514	0.000	39303	0	90.279	N.D. #
9)	L2 AR-1221-2	4.514	3.913	39303	135486	118.272	485.439 #
10)	L2 AR-1221-3	4.590	3.913	168695	135486	159.806	154.692
11)	L3 AR-1232-1	4.590	3.913	168695	135486	187.918	181.360
12)	L3 AR-1232-2	5.110	4.627	263737	336393	544.252	408.278
13)	L3 AR-1232-3	5.396	4.800	504624	186650	481.144	432.123
14)	L3 AR-1232-4	5.555	4.882	95696	226979	180.042	596.996 #
15)	L3 AR-1232-5	5.643	5.052	269212	237301	651.944	557.386
16)	L4 AR-1242-1	5.396	4.627	504624	336393	356.060	317.862
17)	L4 AR-1242-2	5.396	4.627	504624	336393	242.625	215.919
18)	L4 AR-1242-3	5.457	4.800	347816	186650	275.509	220.133
19)	L4 AR-1242-4	5.555	4.882	95696	226979	88.206	271.998 #
20)	L4 AR-1242-5	6.282	5.397	47919	185144	36.930	184.874 #
21)	L5 AR-1248-1	5.396	4.627	504624	336393	433.258	362.783
22)	L5 AR-1248-2	5.687	4.841	278851	181148	160.638	140.932
23)	L5 AR-1248-3	5.884	4.882	71950	226979	36.942	172.006 #
24)	L5 AR-1248-4	6.282	5.052	47919	237301	20.445	146.621 #
25)	L5 AR-1248-5	6.282	5.397	47919	185144	21.339	119.713 #
26)	L6 AR-1254-1	6.245	5.397	60754	185144	31.192	87.057 #
27)	L6 AR-1254-2	6.431	5.543	257800	176736	82.714	94.955
28)	L6 AR-1254-3	6.798	5.955	151417	380332	45.800	126.305 #
29)	L6 AR-1254-4	7.080	6.196	117452	114639	43.278	63.687 #
30)	L6 AR-1254-5	7.526	6.580	129337	627380	46.260	231.582 #
31)	L7 AR-1260-1	6.956	6.069	653899	511469	235.948	238.972
32)	L7 AR-1260-2	7.212	6.257	881238	638537	239.038	232.735
33)	L7 AR-1260-3	7.567	6.407	760672	574580	250.374	235.338
34)	L7 AR-1260-4	7.792	6.873	712106	501930	234.807	241.076
35)	L7 AR-1260-5	8.098	7.115	1437858	1071876	229.927	211.326
36)	L8 AR-1262-1	7.567	6.616	760672	631187	167.371	168.621
37)	L8 AR-1262-2	8.143	7.115	131678	1071876	18.379	180.395 #
38)	L8 AR-1262-3	8.404	7.392	529401	303349	107.819	118.597
39)	L8 AR-1262-4	8.452	7.457	653207	801799	160.560	181.923
40)	L8 AR-1262-5	9.076	7.950	383603	251115	152.122	137.503
41)	L9 AR-1268-1	8.404	7.392	529401	303349	62.784	44.304 #

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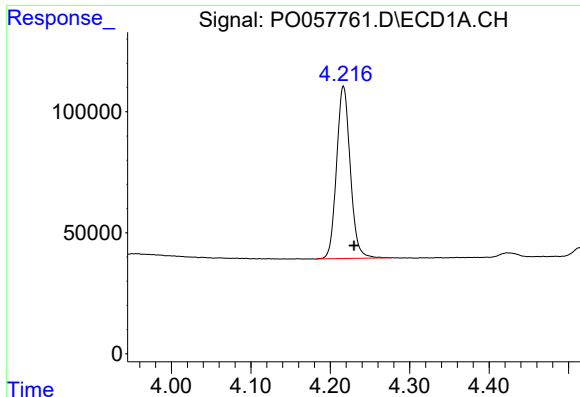
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 11:15:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062419.M
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 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	8.452	7.457	653207	801799	81.810	126.326 #
44) L9	AR-1268-4	9.076	7.950	383603	251115	148.880	125.345
45) L9	AR-1268-5	9.448	8.222	110636	70325	5.593	4.577

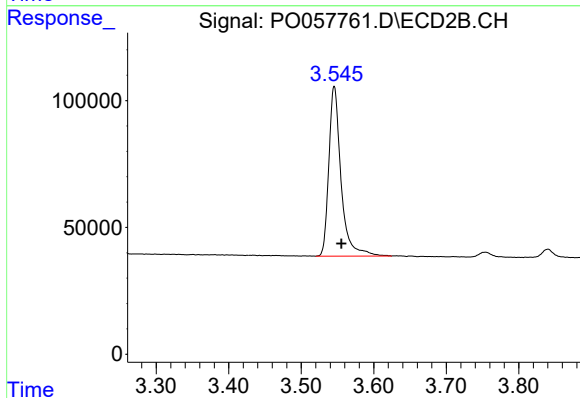
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

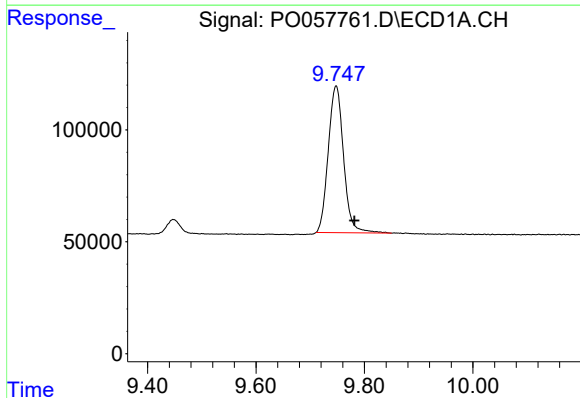
R.T.: 4.217 min
Delta R.T.: -0.013 min
Response: 855088
Conc: 21.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



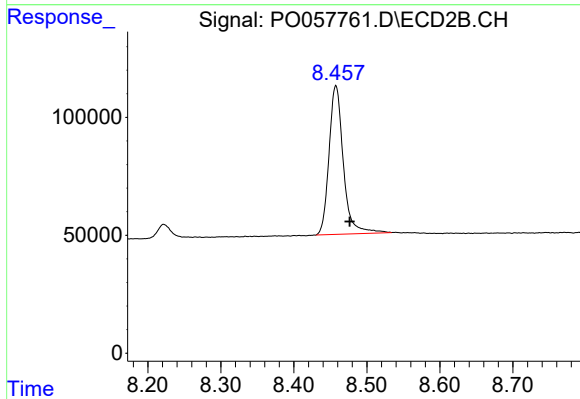
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: -0.010 min
Response: 782784
Conc: 22.26 ng/ml



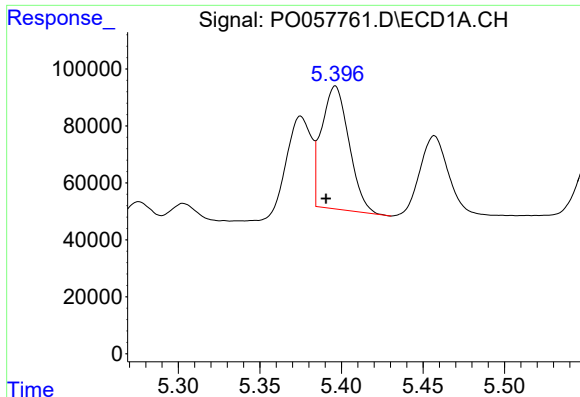
#2 Decachlorobiphenyl

R.T.: 9.748 min
Delta R.T.: -0.034 min
Response: 1284880
Conc: 22.85 ng/ml



#2 Decachlorobiphenyl

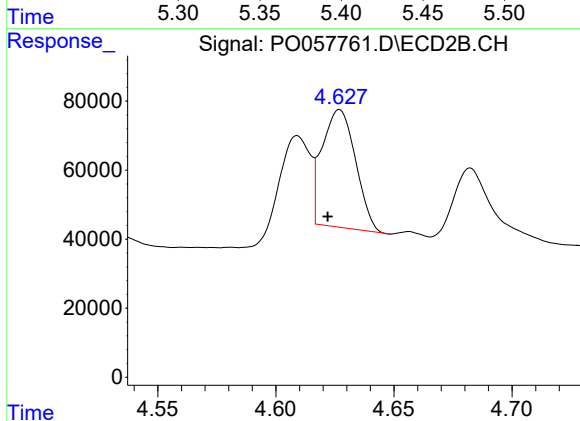
R.T.: 8.458 min
Delta R.T.: -0.019 min
Response: 858171
Conc: 22.94 ng/ml



#3 AR-1016-1

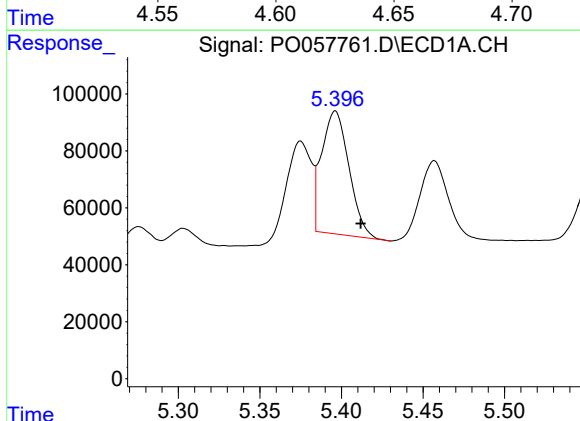
R.T.: 5.396 min
Delta R.T.: 0.006 min
Response: 504624
Conc: 285.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



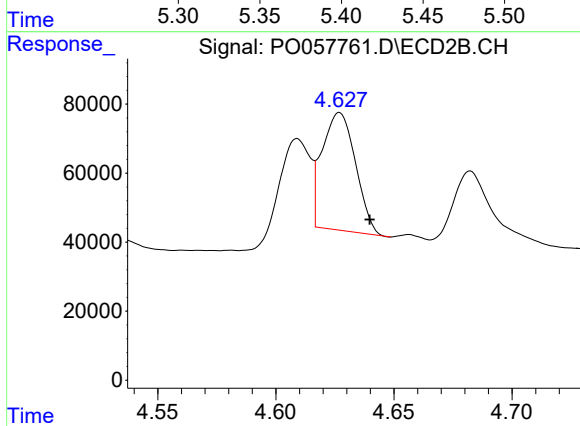
#3 AR-1016-1

R.T.: 4.627 min
Delta R.T.: 0.005 min
Response: 336393
Conc: 251.61 ng/ml



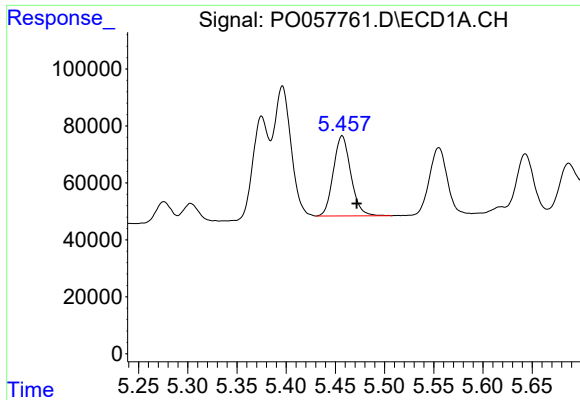
#4 AR-1016-2

R.T.: 5.396 min
Delta R.T.: -0.016 min
Response: 504624
Conc: 195.82 ng/ml



#4 AR-1016-2

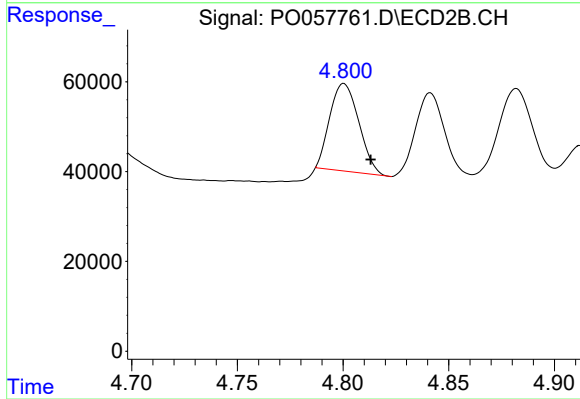
R.T.: 4.627 min
Delta R.T.: -0.013 min
Response: 336393
Conc: 172.79 ng/ml



#5 AR-1016-3

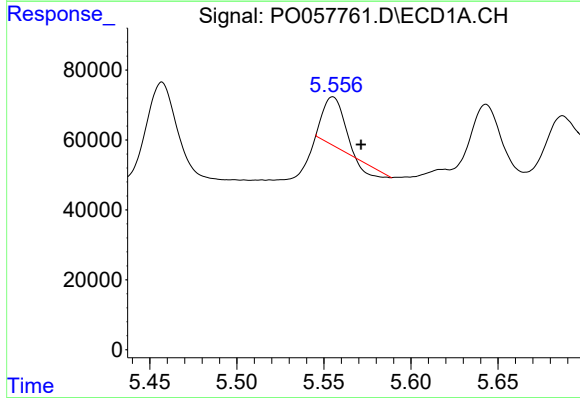
R.T.: 5.457 min
Delta R.T.: -0.015 min
Response: 347816
Conc: 223.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



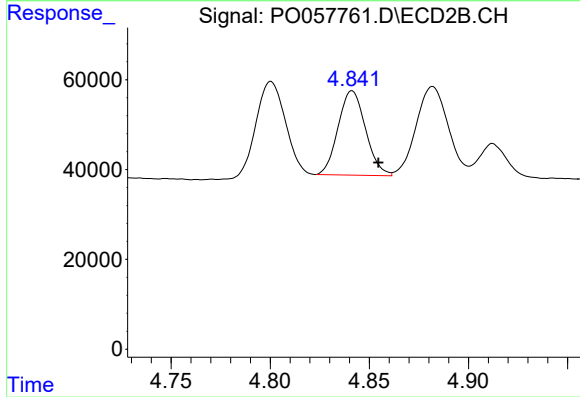
#5 AR-1016-3

R.T.: 4.800 min
Delta R.T.: -0.013 min
Response: 186650
Conc: 176.29 ng/ml



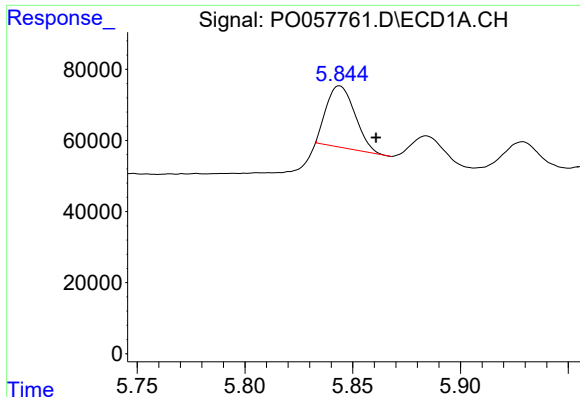
#6 AR-1016-4

R.T.: 5.555 min
Delta R.T.: -0.016 min
Response: 95696
Conc: 73.79 ng/ml



#6 AR-1016-4

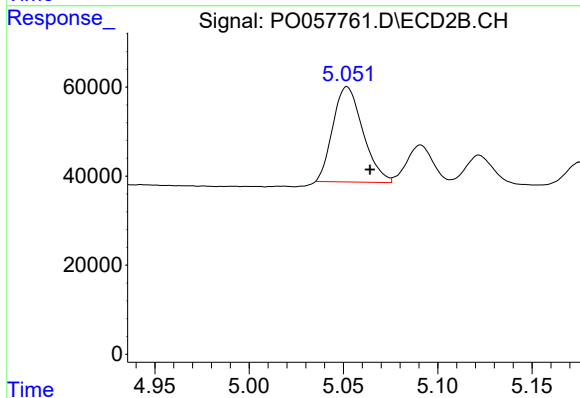
R.T.: 4.841 min
Delta R.T.: -0.013 min
Response: 181148
Conc: 203.60 ng/ml



#7 AR-1016-5

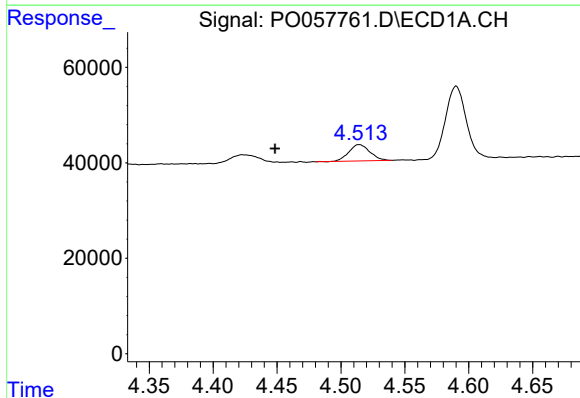
R.T.: 5.844 min
Delta R.T.: -0.017 min
Response: 159107
Conc: 116.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



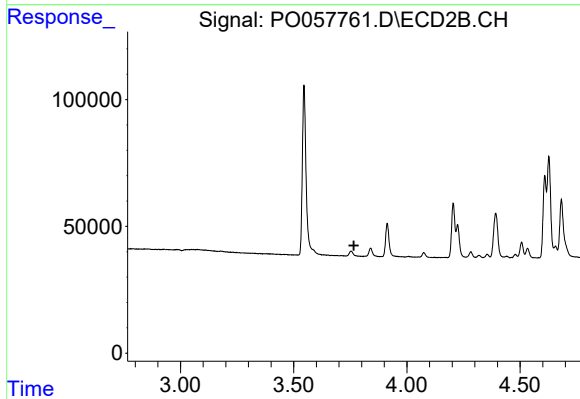
#7 AR-1016-5

R.T.: 5.052 min
Delta R.T.: -0.012 min
Response: 237301
Conc: 207.72 ng/ml



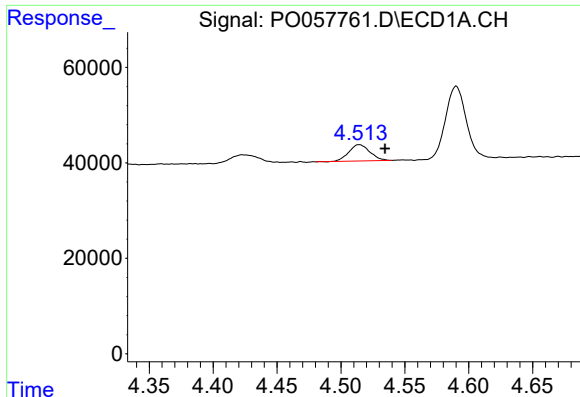
#8 AR-1221-1

R.T.: 4.514 min
Delta R.T.: 0.066 min
Response: 39303
Conc: 90.28 ng/ml



#8 AR-1221-1

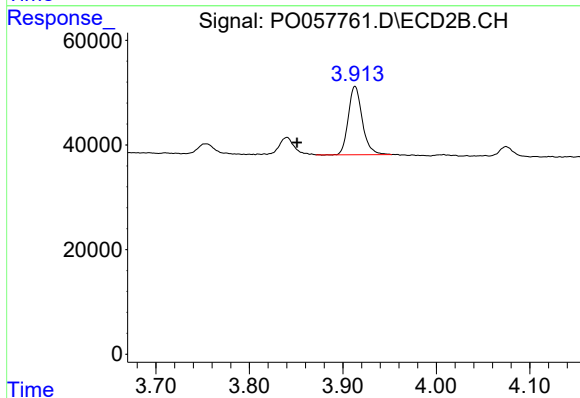
R.T.: 0.000 min
Exp R.T.: 3.766 min
Response: 0
Conc: N.D.



#9 AR-1221-2

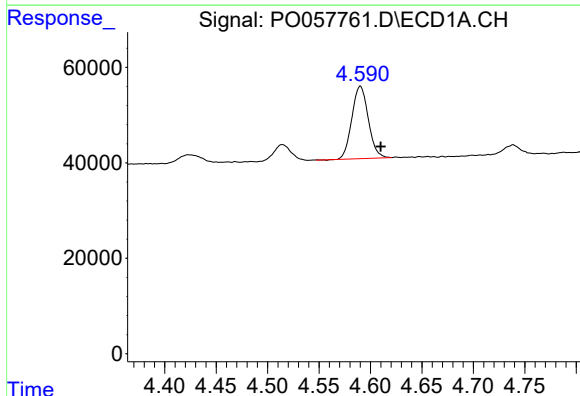
R.T.: 4.514 min
Delta R.T.: -0.020 min
Response: 39303
Conc: 118.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



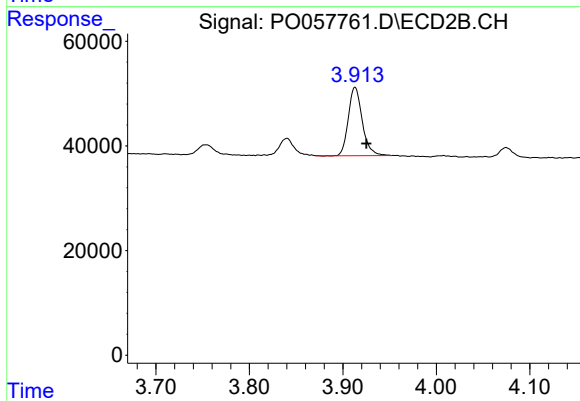
#9 AR-1221-2

R.T.: 3.913 min
Delta R.T.: 0.062 min
Response: 135486
Conc: 485.44 ng/ml



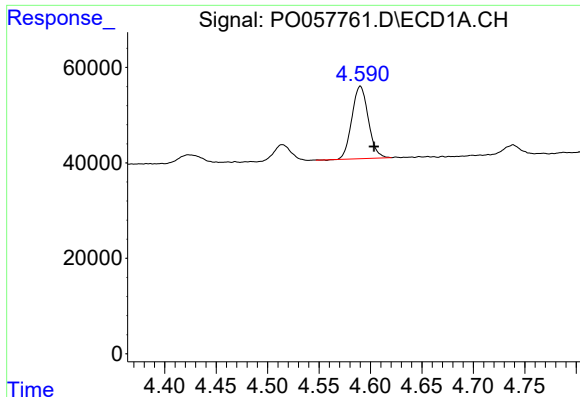
#10 AR-1221-3

R.T.: 4.590 min
Delta R.T.: -0.020 min
Response: 168695
Conc: 159.81 ng/ml



#10 AR-1221-3

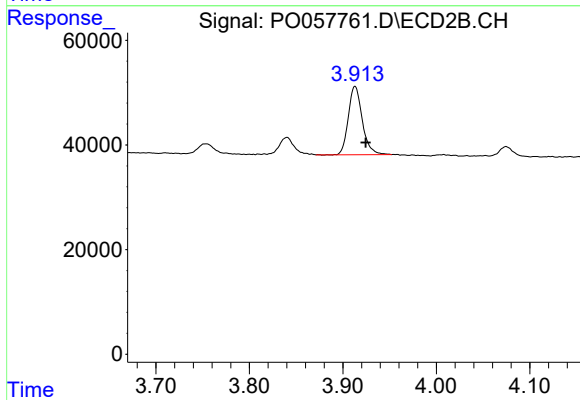
R.T.: 3.913 min
Delta R.T.: -0.012 min
Response: 135486
Conc: 154.69 ng/ml



#11 AR-1232-1

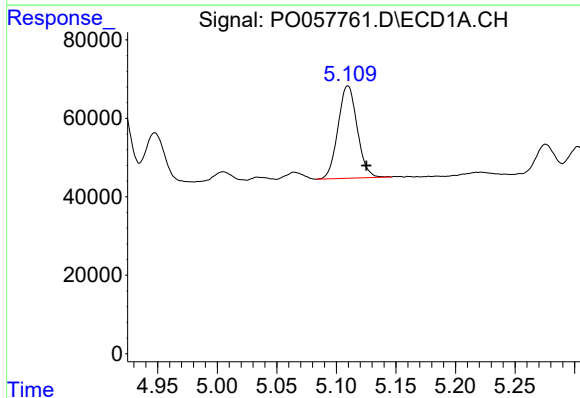
R.T.: 4.590 min
Delta R.T.: -0.013 min
Response: 168695
Conc: 187.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



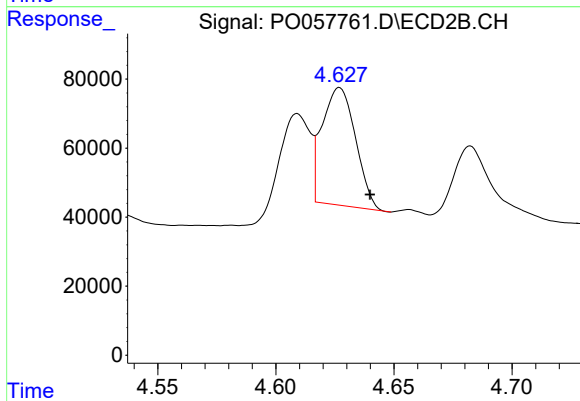
#11 AR-1232-1

R.T.: 3.913 min
Delta R.T.: -0.011 min
Response: 135486
Conc: 181.36 ng/ml



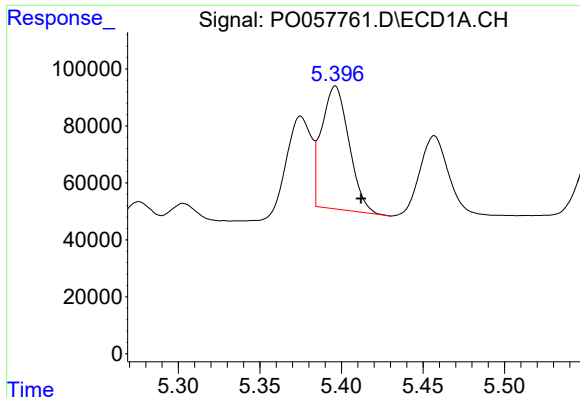
#12 AR-1232-2

R.T.: 5.110 min
Delta R.T.: -0.015 min
Response: 263737
Conc: 544.25 ng/ml



#12 AR-1232-2

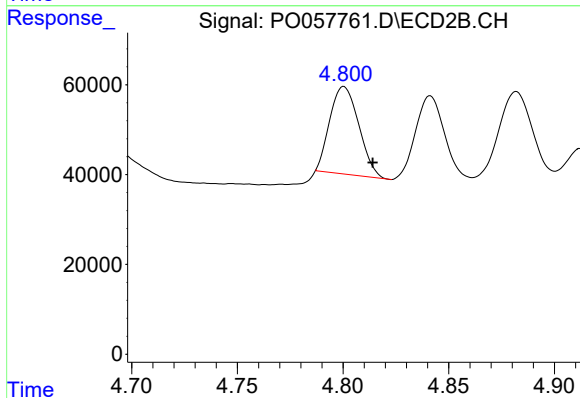
R.T.: 4.627 min
Delta R.T.: -0.013 min
Response: 336393
Conc: 408.28 ng/ml



#13 AR-1232-3

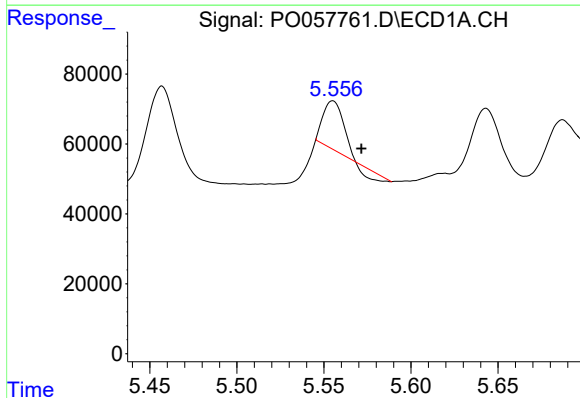
R.T.: 5.396 min
Delta R.T.: -0.016 min
Response: 504624
Conc: 481.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



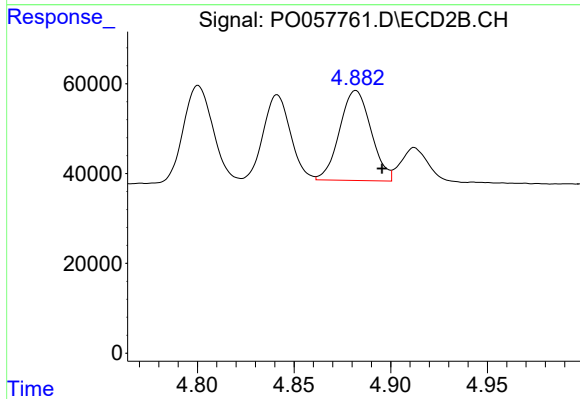
#13 AR-1232-3

R.T.: 4.800 min
Delta R.T.: -0.014 min
Response: 186650
Conc: 432.12 ng/ml



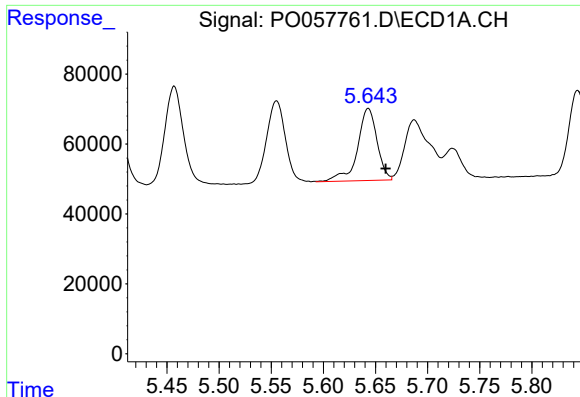
#14 AR-1232-4

R.T.: 5.555 min
Delta R.T.: -0.016 min
Response: 95696
Conc: 180.04 ng/ml



#14 AR-1232-4

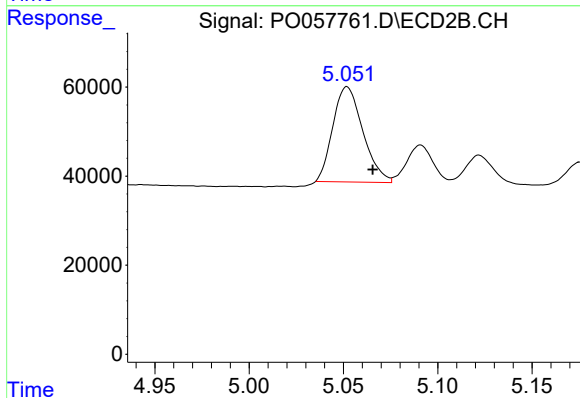
R.T.: 4.882 min
Delta R.T.: -0.013 min
Response: 226979
Conc: 597.00 ng/ml



#15 AR-1232-5

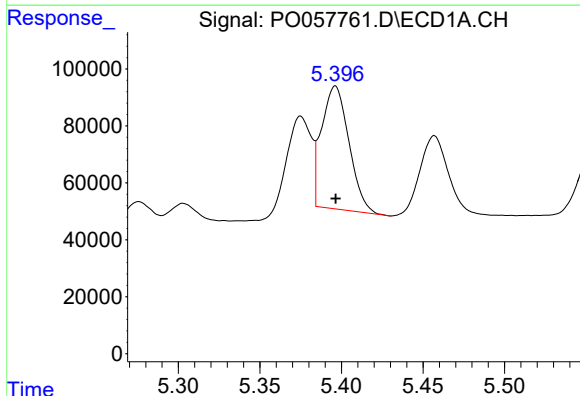
R.T.: 5.643 min
Delta R.T.: -0.017 min
Response: 269212
Conc: 651.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



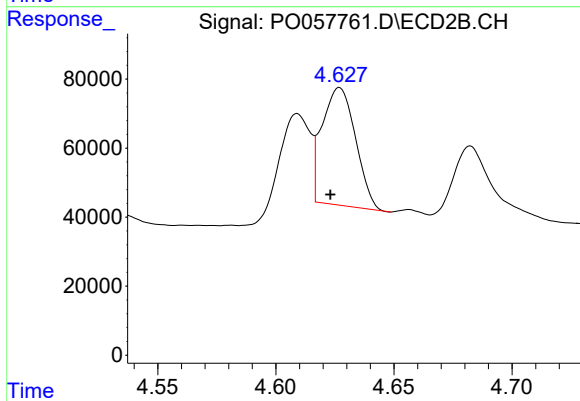
#15 AR-1232-5

R.T.: 5.052 min
Delta R.T.: -0.014 min
Response: 237301
Conc: 557.39 ng/ml



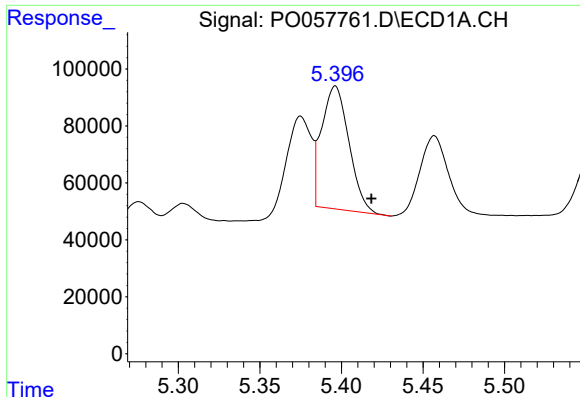
#16 AR-1242-1

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 504624
Conc: 356.06 ng/ml



#16 AR-1242-1

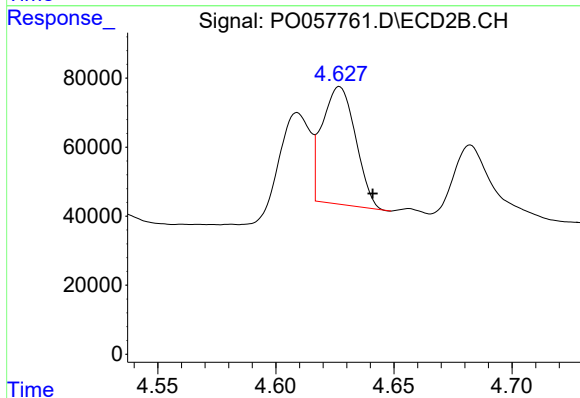
R.T.: 4.627 min
Delta R.T.: 0.004 min
Response: 336393
Conc: 317.86 ng/ml



#17 AR-1242-2

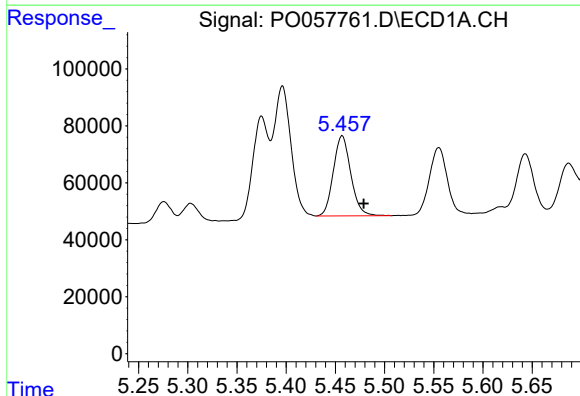
R.T.: 5.396 min
Delta R.T.: -0.022 min
Response: 504624
Conc: 242.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



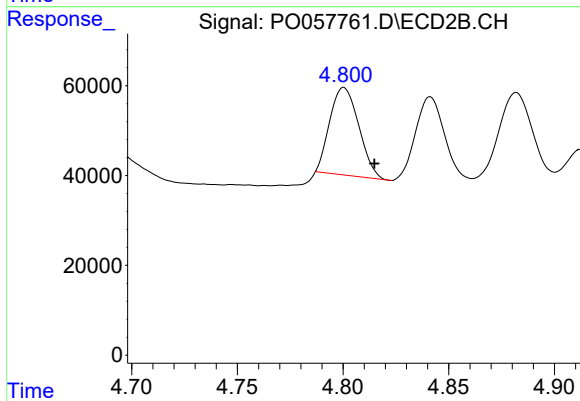
#17 AR-1242-2

R.T.: 4.627 min
Delta R.T.: -0.014 min
Response: 336393
Conc: 215.92 ng/ml



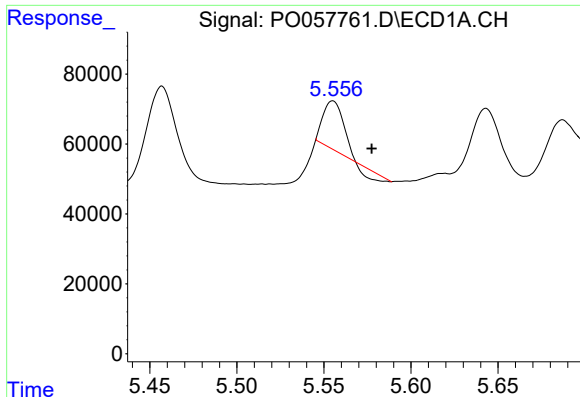
#18 AR-1242-3

R.T.: 5.457 min
Delta R.T.: -0.022 min
Response: 347816
Conc: 275.51 ng/ml



#18 AR-1242-3

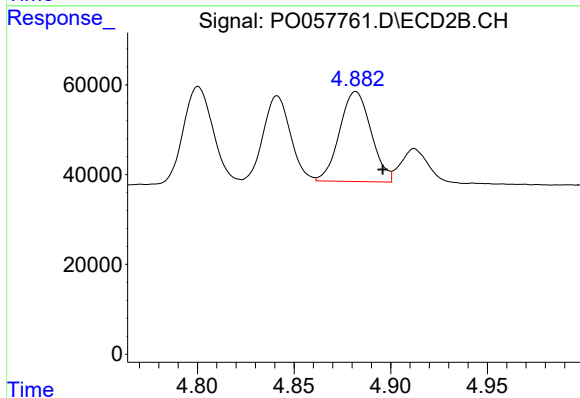
R.T.: 4.800 min
Delta R.T.: -0.014 min
Response: 186650
Conc: 220.13 ng/ml



#19 AR-1242-4

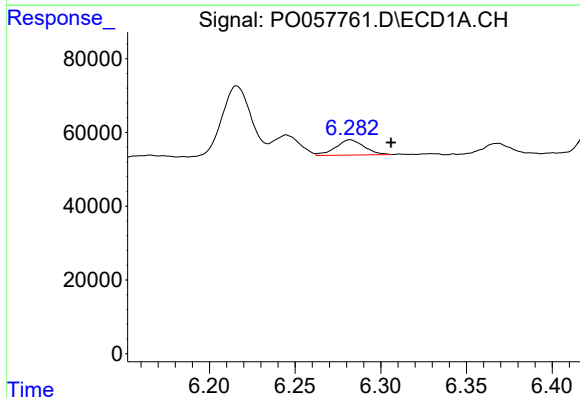
R.T.: 5.555 min
Delta R.T.: -0.022 min
Response: 95696
Conc: 88.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



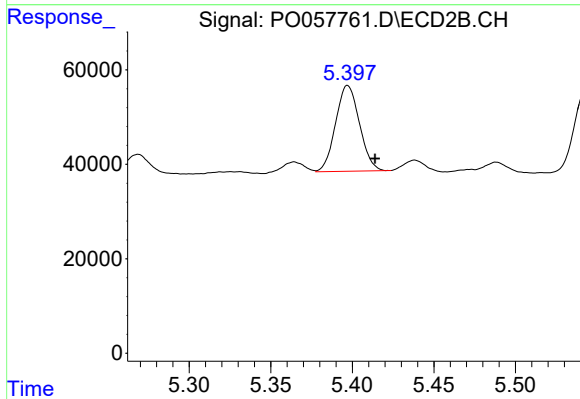
#19 AR-1242-4

R.T.: 4.882 min
Delta R.T.: -0.014 min
Response: 226979
Conc: 272.00 ng/ml



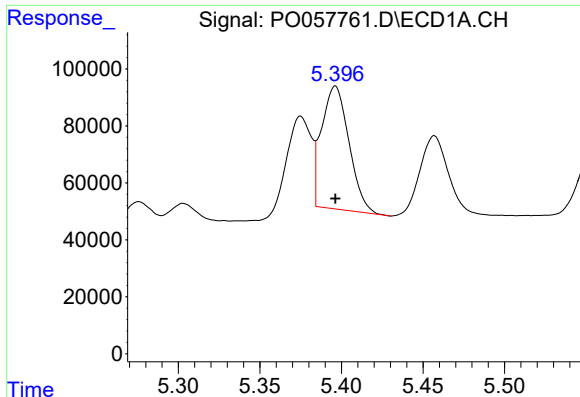
#20 AR-1242-5

R.T.: 6.282 min
Delta R.T.: -0.024 min
Response: 47919
Conc: 36.93 ng/ml



#20 AR-1242-5

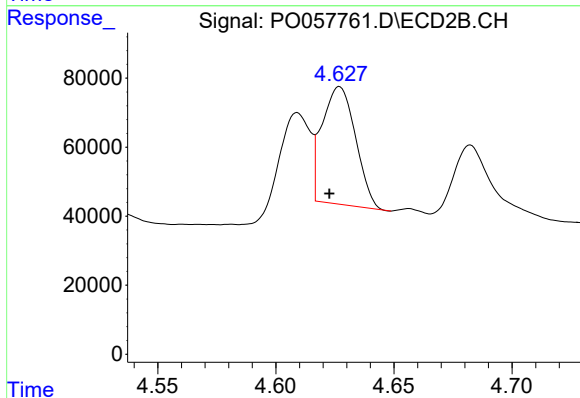
R.T.: 5.397 min
Delta R.T.: -0.017 min
Response: 185144
Conc: 184.87 ng/ml



#21 AR-1248-1

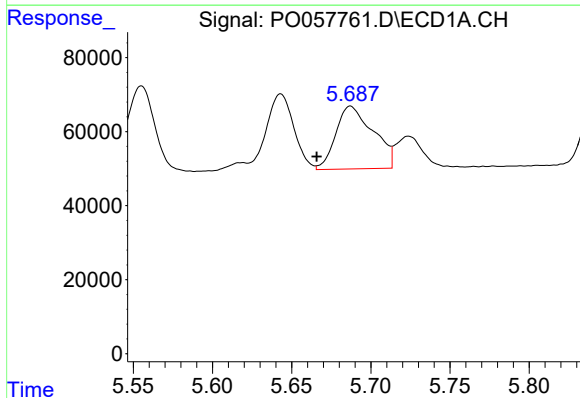
R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 504624
Conc: 433.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



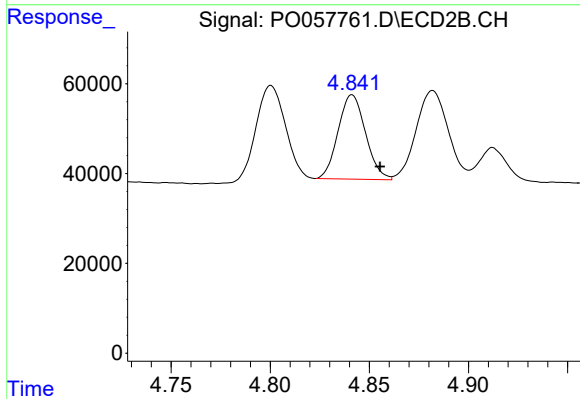
#21 AR-1248-1

R.T.: 4.627 min
Delta R.T.: 0.004 min
Response: 336393
Conc: 362.78 ng/ml



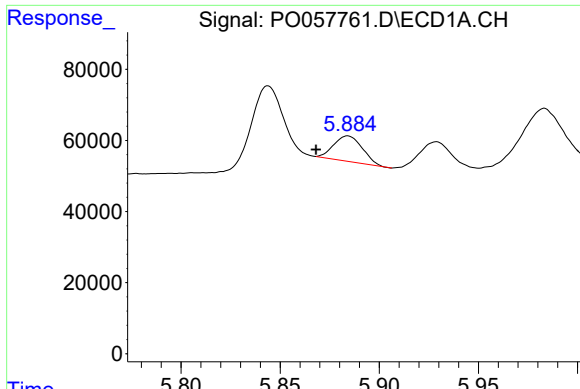
#22 AR-1248-2

R.T.: 5.687 min
Delta R.T.: 0.021 min
Response: 278851
Conc: 160.64 ng/ml



#22 AR-1248-2

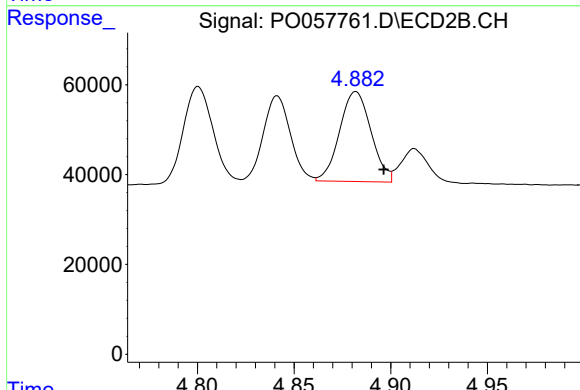
R.T.: 4.841 min
Delta R.T.: -0.014 min
Response: 181148
Conc: 140.93 ng/ml



#23 AR-1248-3

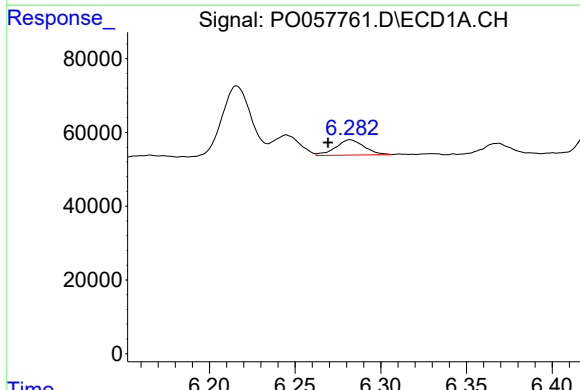
R.T.: 5.884 min
Delta R.T.: 0.016 min
Response: 71950
Conc: 36.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



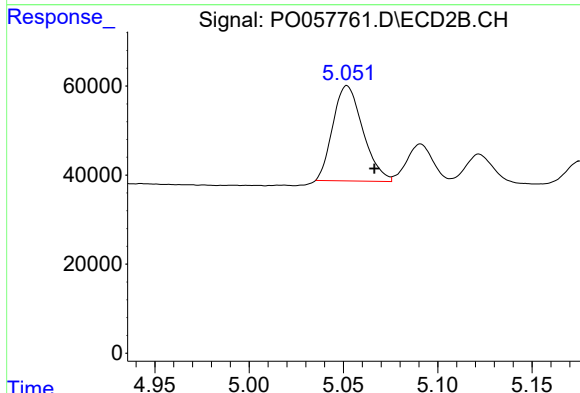
#23 AR-1248-3

R.T.: 4.882 min
Delta R.T.: -0.014 min
Response: 226979
Conc: 172.01 ng/ml



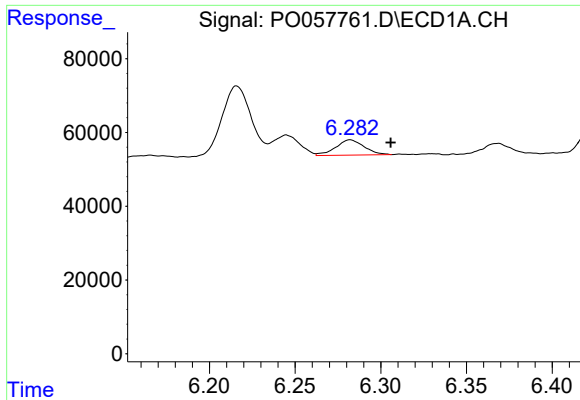
#24 AR-1248-4

R.T.: 6.282 min
Delta R.T.: 0.013 min
Response: 47919
Conc: 20.44 ng/ml



#24 AR-1248-4

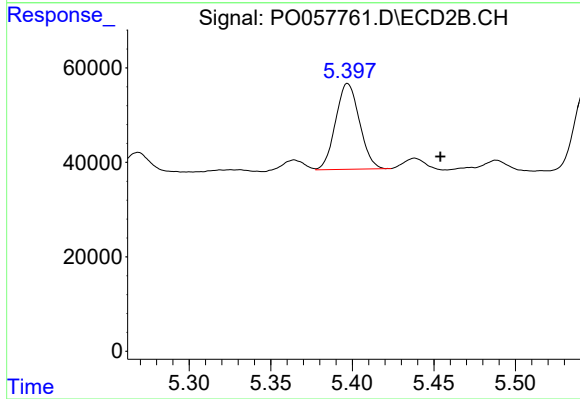
R.T.: 5.052 min
Delta R.T.: -0.014 min
Response: 237301
Conc: 146.62 ng/ml



#25 AR-1248-5

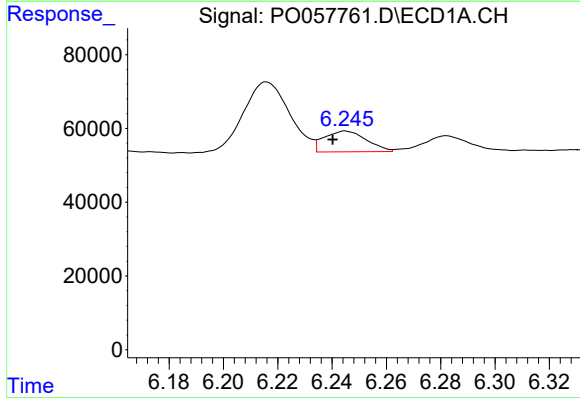
R.T.: 6.282 min
Delta R.T.: -0.024 min
Response: 47919
Conc: 21.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



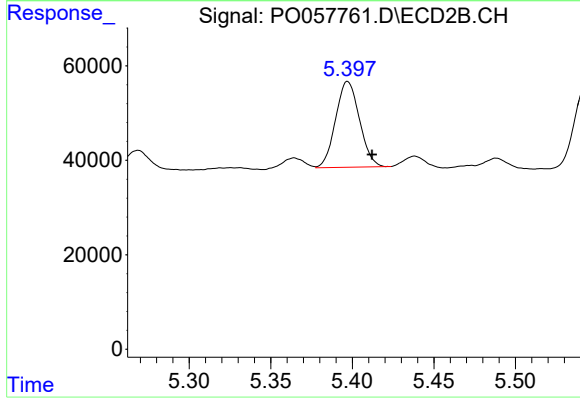
#25 AR-1248-5

R.T.: 5.397 min
Delta R.T.: -0.057 min
Response: 185144
Conc: 119.71 ng/ml



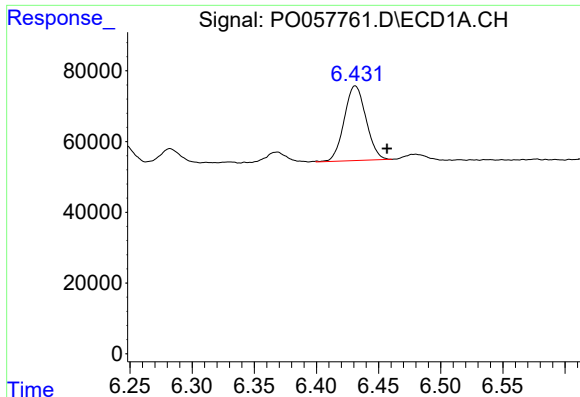
#26 AR-1254-1

R.T.: 6.245 min
Delta R.T.: 0.005 min
Response: 60754
Conc: 31.19 ng/ml



#26 AR-1254-1

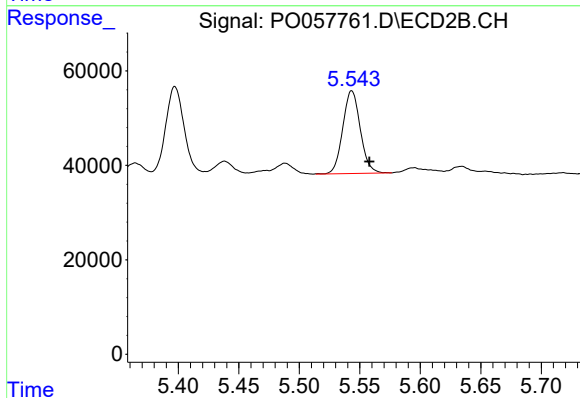
R.T.: 5.397 min
Delta R.T.: -0.015 min
Response: 185144
Conc: 87.06 ng/ml



#27 AR-1254-2

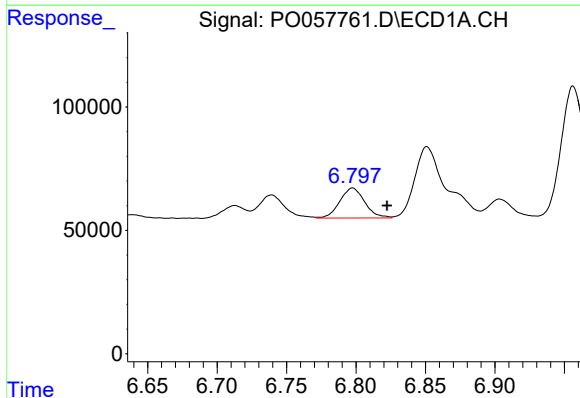
R.T.: 6.431 min
Delta R.T.: -0.025 min
Response: 257800
Conc: 82.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



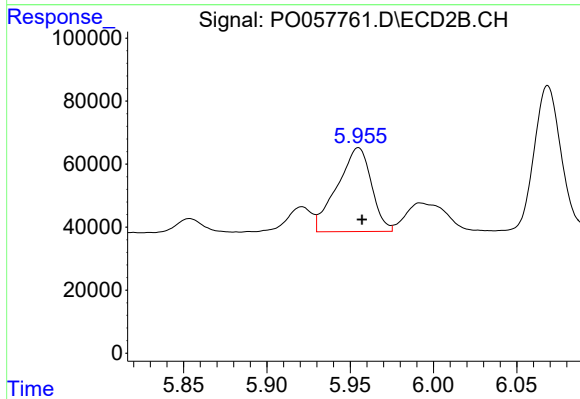
#27 AR-1254-2

R.T.: 5.543 min
Delta R.T.: -0.015 min
Response: 176736
Conc: 94.96 ng/ml



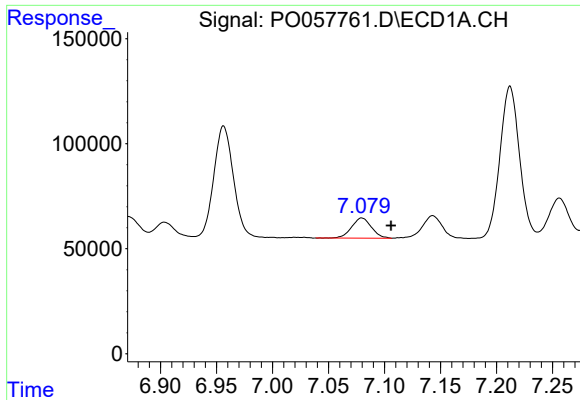
#28 AR-1254-3

R.T.: 6.798 min
Delta R.T.: -0.025 min
Response: 151417
Conc: 45.80 ng/ml



#28 AR-1254-3

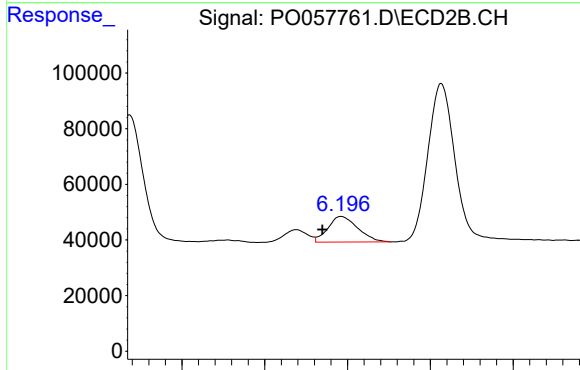
R.T.: 5.955 min
Delta R.T.: -0.002 min
Response: 380332
Conc: 126.30 ng/ml



#29 AR-1254-4

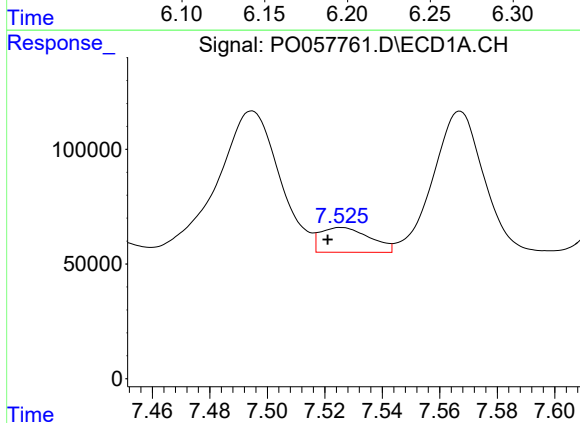
R.T.: 7.080 min
Delta R.T.: -0.026 min
Response: 117452
Conc: 43.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



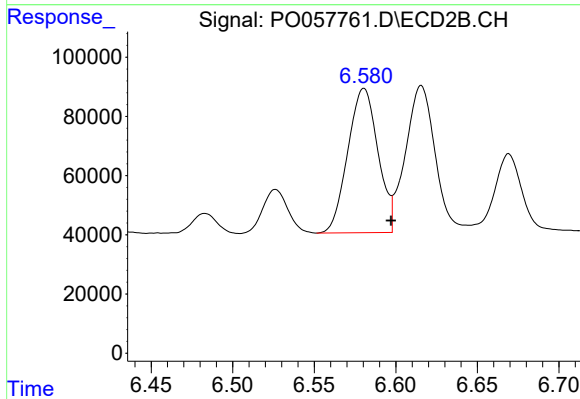
#29 AR-1254-4

R.T.: 6.196 min
Delta R.T.: 0.011 min
Response: 114639
Conc: 63.69 ng/ml



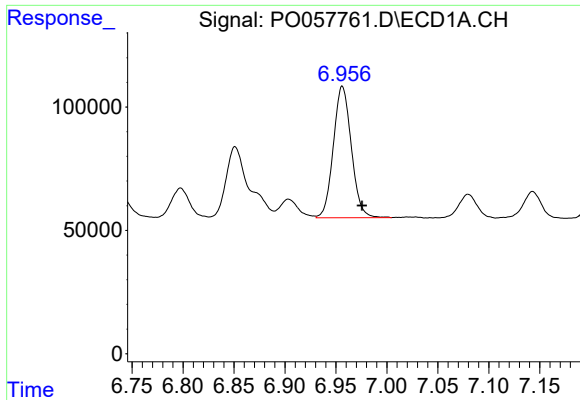
#30 AR-1254-5

R.T.: 7.526 min
Delta R.T.: 0.005 min
Response: 129337
Conc: 46.26 ng/ml



#30 AR-1254-5

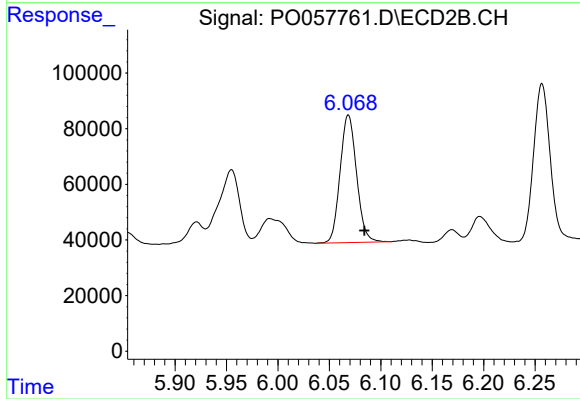
R.T.: 6.580 min
Delta R.T.: -0.017 min
Response: 627380
Conc: 231.58 ng/ml



#31 AR-1260-1

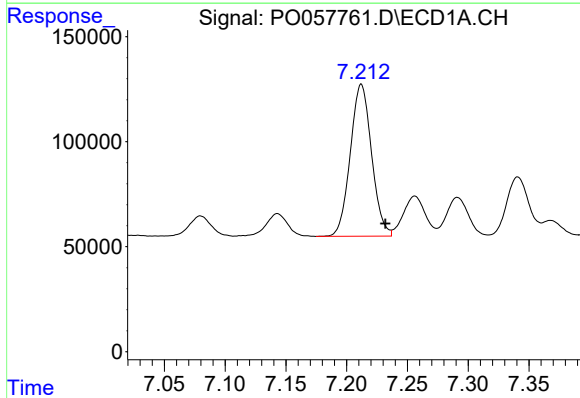
R.T.: 6.956 min
Delta R.T.: -0.019 min
Response: 653899
Conc: 235.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



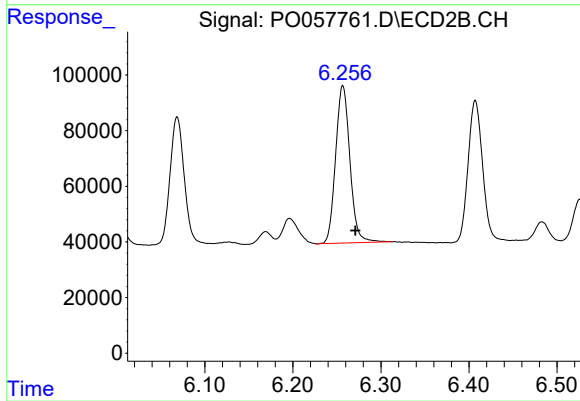
#31 AR-1260-1

R.T.: 6.069 min
Delta R.T.: -0.015 min
Response: 511469
Conc: 238.97 ng/ml



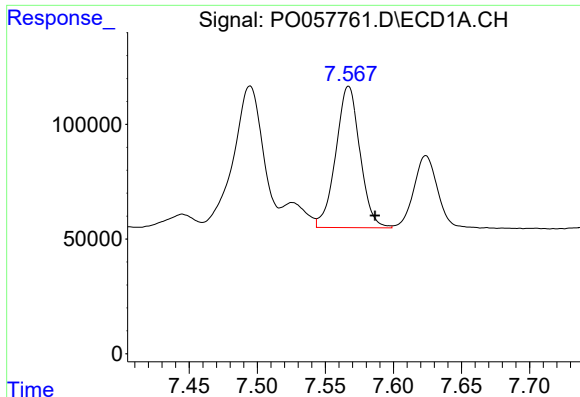
#32 AR-1260-2

R.T.: 7.212 min
Delta R.T.: -0.020 min
Response: 881238
Conc: 239.04 ng/ml



#32 AR-1260-2

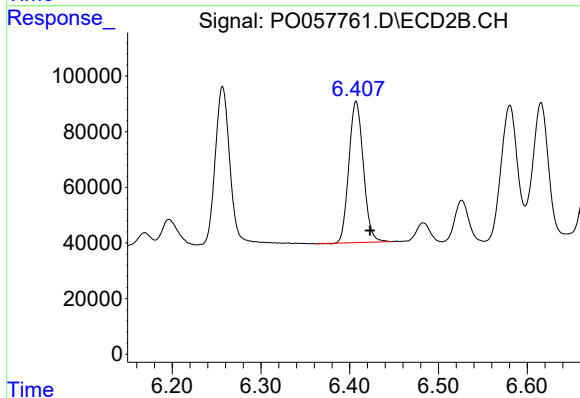
R.T.: 6.257 min
Delta R.T.: -0.014 min
Response: 638537
Conc: 232.74 ng/ml



#33 AR-1260-3

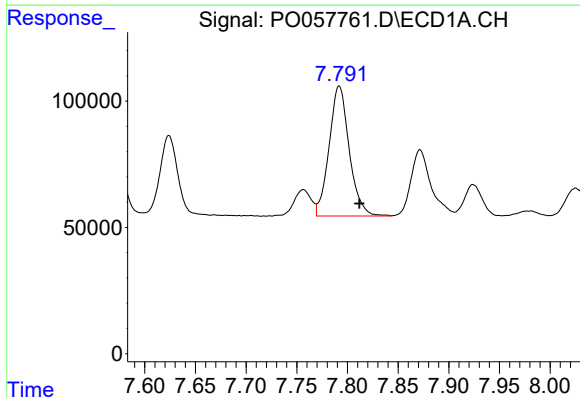
R.T.: 7.567 min
Delta R.T.: -0.020 min
Response: 760672
Conc: 250.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



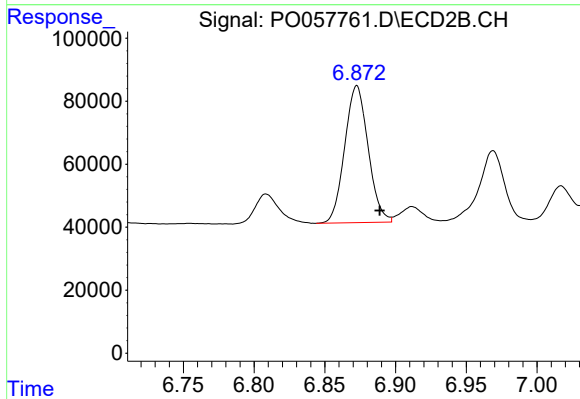
#33 AR-1260-3

R.T.: 6.407 min
Delta R.T.: -0.016 min
Response: 574580
Conc: 235.34 ng/ml



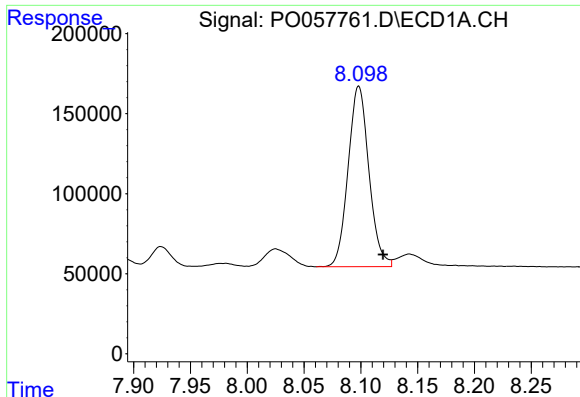
#34 AR-1260-4

R.T.: 7.792 min
Delta R.T.: -0.020 min
Response: 712106
Conc: 234.81 ng/ml



#34 AR-1260-4

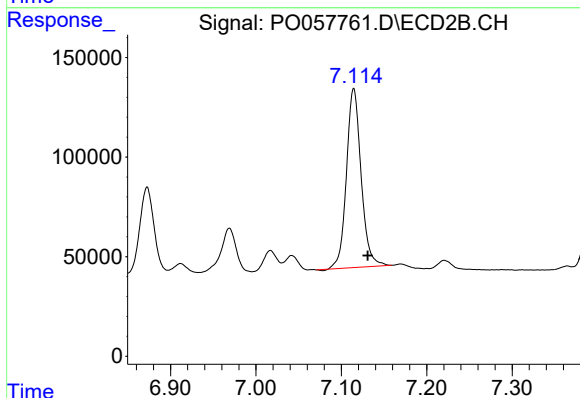
R.T.: 6.873 min
Delta R.T.: -0.016 min
Response: 501930
Conc: 241.08 ng/ml



#35 AR-1260-5

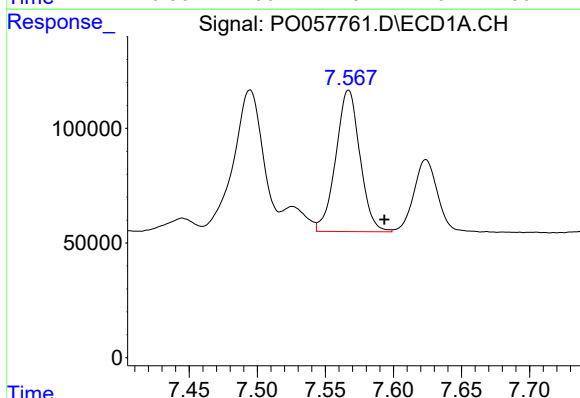
R.T.: 8.098 min
Delta R.T.: -0.021 min
Response: 1437858
Conc: 229.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



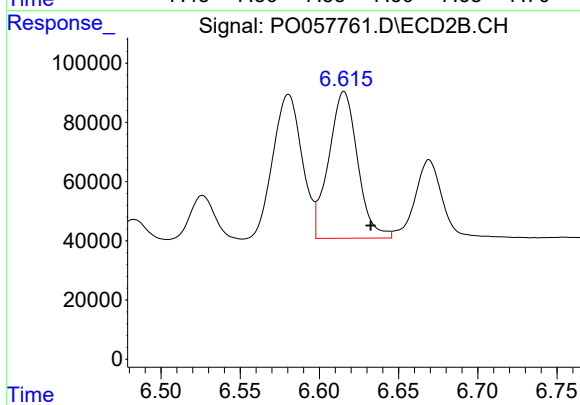
#35 AR-1260-5

R.T.: 7.115 min
Delta R.T.: -0.016 min
Response: 1071876
Conc: 211.33 ng/ml



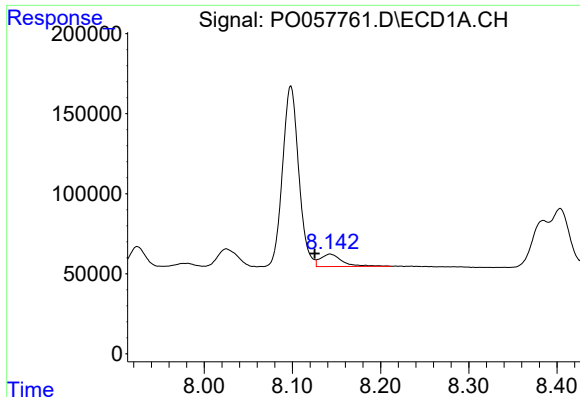
#36 AR-1262-1

R.T.: 7.567 min
Delta R.T.: -0.026 min
Response: 760672
Conc: 167.37 ng/ml



#36 AR-1262-1

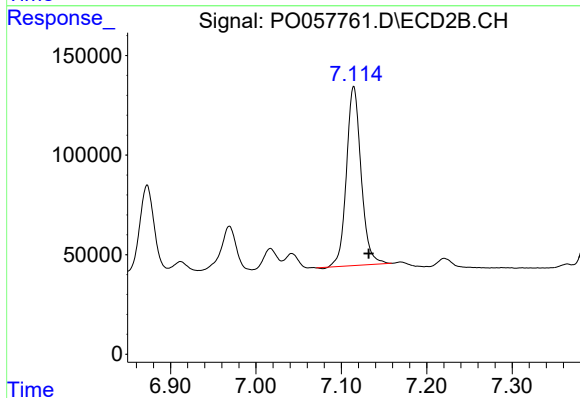
R.T.: 6.616 min
Delta R.T.: -0.017 min
Response: 631187
Conc: 168.62 ng/ml



#37 AR-1262-2

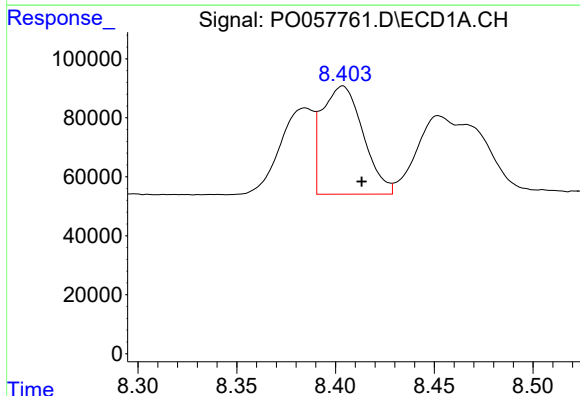
R.T.: 8.143 min
Delta R.T.: 0.017 min
Response: 131678
Conc: 18.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



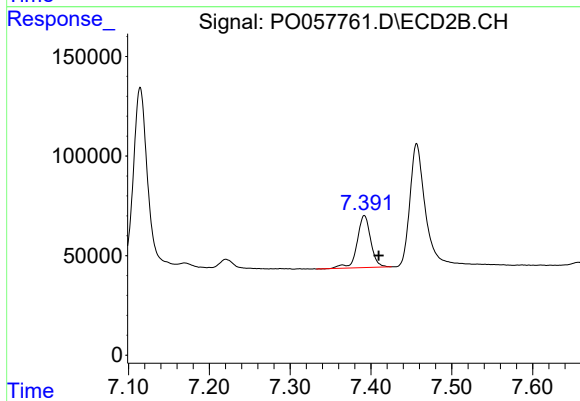
#37 AR-1262-2

R.T.: 7.115 min
Delta R.T.: -0.018 min
Response: 1071876
Conc: 180.39 ng/ml



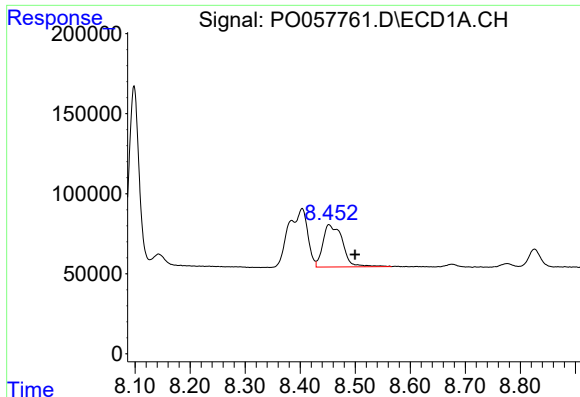
#38 AR-1262-3

R.T.: 8.404 min
Delta R.T.: -0.010 min
Response: 529401
Conc: 107.82 ng/ml



#38 AR-1262-3

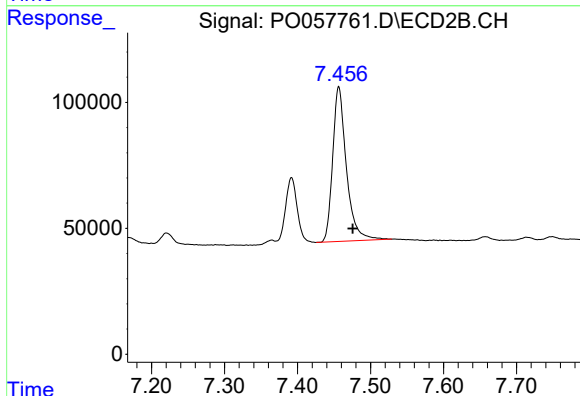
R.T.: 7.392 min
Delta R.T.: -0.018 min
Response: 303349
Conc: 118.60 ng/ml



#39 AR-1262-4

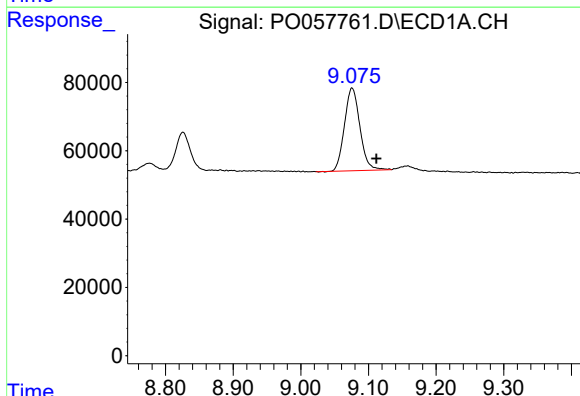
R.T.: 8.452 min
Delta R.T.: -0.048 min
Response: 653207
Conc: 160.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



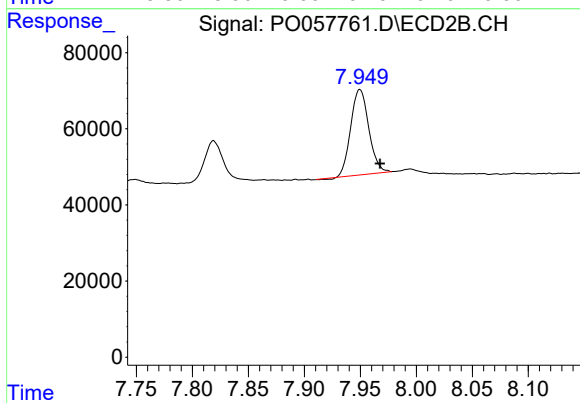
#39 AR-1262-4

R.T.: 7.457 min
Delta R.T.: -0.019 min
Response: 801799
Conc: 181.92 ng/ml



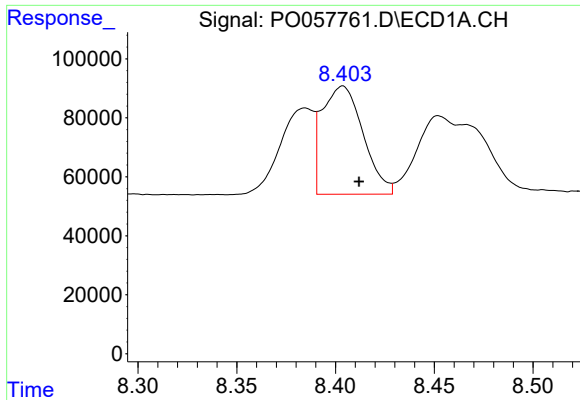
#40 AR-1262-5

R.T.: 9.076 min
Delta R.T.: -0.036 min
Response: 383603
Conc: 152.12 ng/ml



#40 AR-1262-5

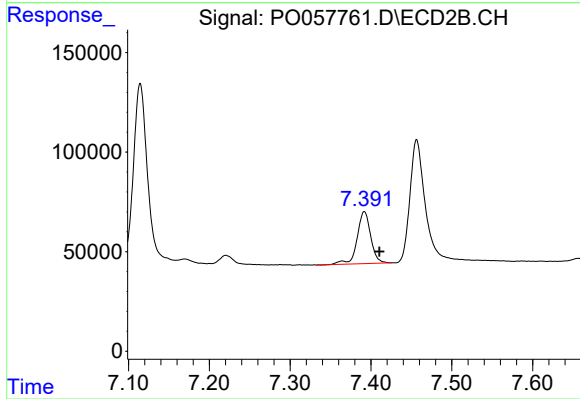
R.T.: 7.950 min
Delta R.T.: -0.018 min
Response: 251115
Conc: 137.50 ng/ml



#41 AR-1268-1

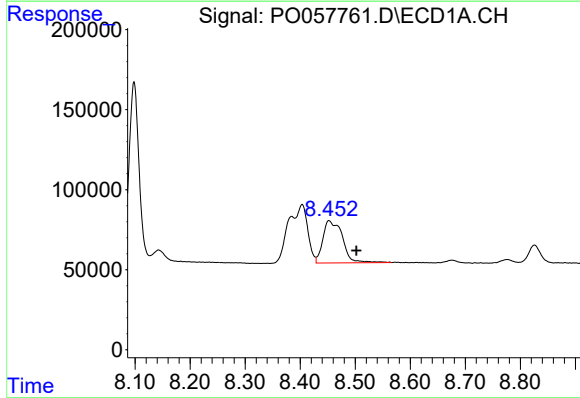
R.T.: 8.404 min
Delta R.T.: -0.008 min
Response: 529401
Conc: 62.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



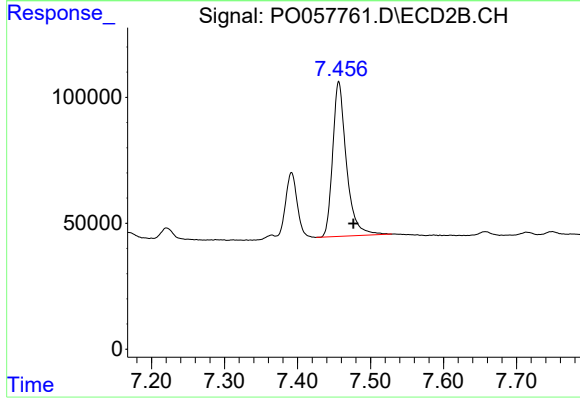
#41 AR-1268-1

R.T.: 7.392 min
Delta R.T.: -0.019 min
Response: 303349
Conc: 44.30 ng/ml



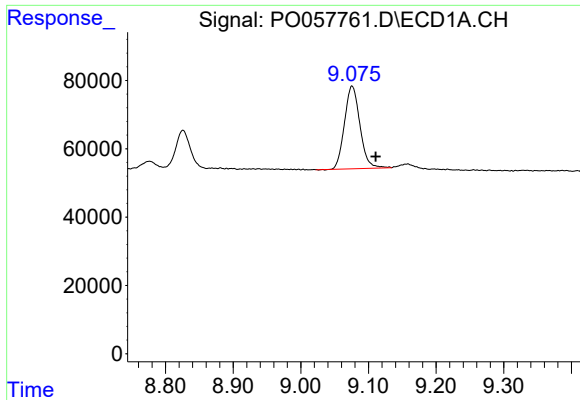
#42 AR-1268-2

R.T.: 8.452 min
Delta R.T.: -0.050 min
Response: 653207
Conc: 81.81 ng/ml



#42 AR-1268-2

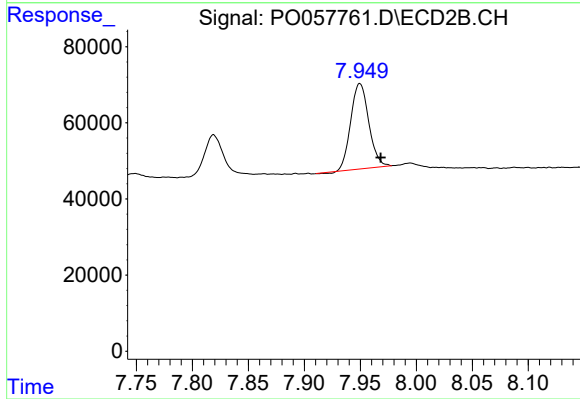
R.T.: 7.457 min
Delta R.T.: -0.020 min
Response: 801799
Conc: 126.33 ng/ml



#44 AR-1268-4

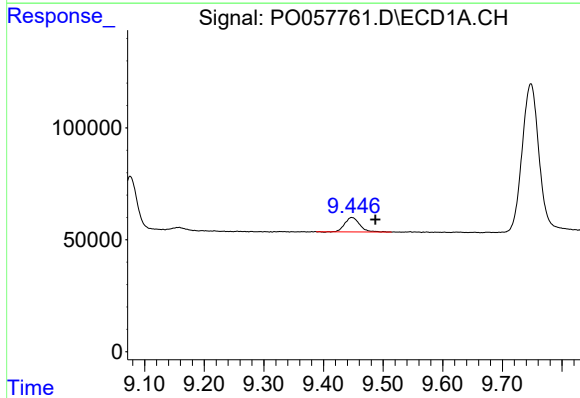
R.T.: 9.076 min
Delta R.T.: -0.035 min
Response: 383603
Conc: 148.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



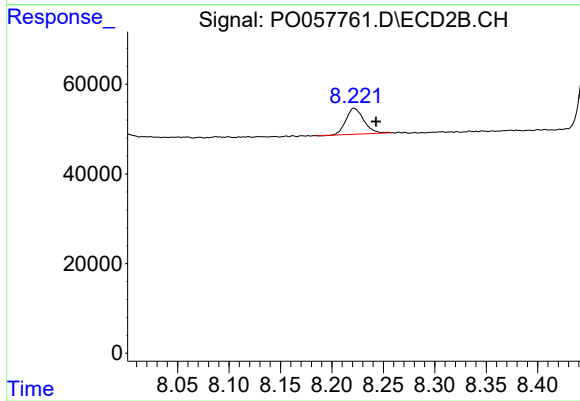
#44 AR-1268-4

R.T.: 7.950 min
Delta R.T.: -0.019 min
Response: 251115
Conc: 125.35 ng/ml



#45 AR-1268-5

R.T.: 9.448 min
Delta R.T.: -0.039 min
Response: 110636
Conc: 5.59 ng/ml



#45 AR-1268-5

R.T.: 8.222 min
Delta R.T.: -0.021 min
Response: 70325
Conc: 4.58 ng/ml