

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070219\
 Data File : P0057682.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Jul 2019 17:29
 Operator : SM/SJ
 Sample : PB121048BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB121048BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 04:24:23 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...	4.213	3.546	809371	763035	20.604	21.700
2)	SA Decachlor...	9.750	8.461	1345069	888699	23.920	23.758
Target Compounds							
3)	L1 AR-1016-1	5.394	4.628	427615	328588	241.938	245.769
4)	L1 AR-1016-2	5.394	4.628	427615	328588	165.936	168.777
5)	L1 AR-1016-3	5.454	4.801	321934	186074	206.519	175.751
6)	L1 AR-1016-4	5.553	4.842	49276	172354	37.998	193.720 #
7)	L1 AR-1016-5	5.843	5.052	100677	226471	73.656	198.240 #
8)	L2 AR-1221-1	4.512	0.000	38261	0	87.886	N.D. #
9)	L2 AR-1221-2	4.512	3.913	38261	134060	115.138	480.329 #
10)	L2 AR-1221-3	4.587	3.913	161937	134060	153.404	153.064
11)	L3 AR-1232-1	4.587	3.913	161937	134060	180.390	179.451
12)	L3 AR-1232-2	5.107	4.628	251013	328588	517.993	398.806
13)	L3 AR-1232-3	5.394	4.801	427615	186074	407.718	430.791
14)	L3 AR-1232-4	5.553	4.883	49276	213300	92.707	561.017 #
15)	L3 AR-1232-5	5.641	5.052	252525	226471	611.533	531.948
16)	L4 AR-1242-1	5.394	4.628	427615	328588	301.722	310.487
17)	L4 AR-1242-2	5.394	4.628	427615	328588	205.599	210.910
18)	L4 AR-1242-3	5.454	4.801	321934	186074	255.007	219.454
19)	L4 AR-1242-4	5.553	4.883	49276	213300	45.419	255.606 #
20)	L4 AR-1242-5	6.244	5.398	50680	169411	39.058	169.164 #
21)	L5 AR-1248-1	5.394	4.628	427615	328588	367.140	354.366
22)	L5 AR-1248-2	5.685	4.842	262964	172354	151.486	134.090
23)	L5 AR-1248-3	5.882	4.883	67688	213300	34.754	161.640 #
24)	L5 AR-1248-4	6.244	5.052	50680	226471	21.623	139.929 #
25)	L5 AR-1248-5	6.244	5.398	50680	169411	22.569	109.540 #
26)	L6 AR-1254-1	6.244	5.398	50680	169411	26.020	79.659 #
27)	L6 AR-1254-2	6.431	5.544	249170	172452	79.945	92.653
28)	L6 AR-1254-3	6.797	5.956	152583	361379	46.153	120.011 #
29)	L6 AR-1254-4	7.079	6.198	112640	113610	41.505	63.115 #
30)	L6 AR-1254-5	7.526	6.582	123860	643653	44.301	237.589 #
31)	L7 AR-1260-1	6.957	6.070	633457	492455	228.572	230.088
32)	L7 AR-1260-2	7.213	6.258	845445	635080	229.329	231.475
33)	L7 AR-1260-3	7.567	6.409	722199	568616	237.711	232.896
34)	L7 AR-1260-4	7.792	6.875	701846	504648	231.423	242.381
35)	L7 AR-1260-5	8.099	7.117	1473784	1214610	235.671	239.467
36)	L8 AR-1262-1	7.567	6.618	722199	611728	158.906	163.423
37)	L8 AR-1262-2	8.146	7.117	106767	1214610	14.902	204.416 #
38)	L8 AR-1262-3	8.405	7.394	573977	309848	116.897	121.138
39)	L8 AR-1262-4	8.454	7.460	652026	864628	160.269	196.179
40)	L8 AR-1262-5	9.078	7.952	418168	274248	165.829	150.170
41)	L9 AR-1268-1	8.405	7.394	573977	309848	68.071	45.253 #

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 Operator : SM/SJ
 Sample : PB121048BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

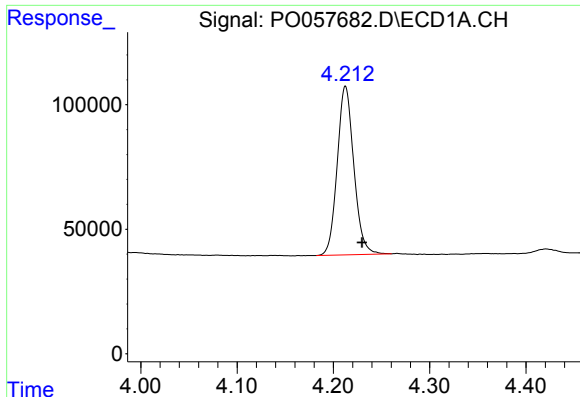
Instrument :
 ECD_O
 ClientSampleId :
 PB121048BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 04:24:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062419.M
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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
42) L9	AR-1268-2	8.454	7.460	652026	864628	81.662	136.224 #
44) L9	AR-1268-4	9.078	7.952	418168	274248	162.295	136.892
45) L9	AR-1268-5	9.451	8.226	124742	78113	6.306	5.083

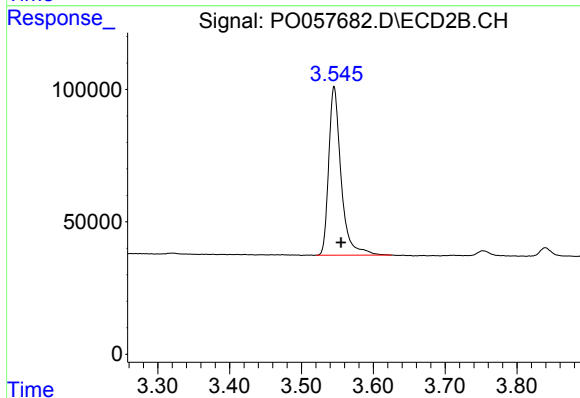
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

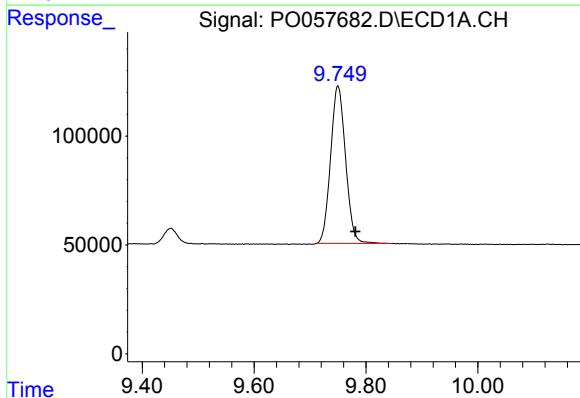
R.T.: 4.213 min
Delta R.T.: -0.017 min
Response: 809371
Conc: 20.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



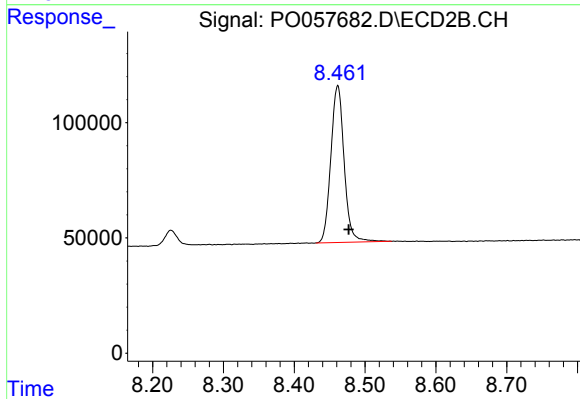
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: -0.010 min
Response: 763035
Conc: 21.70 ng/ml



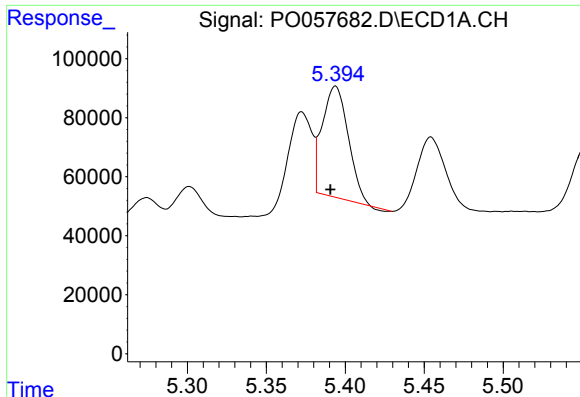
#2 Decachlorobiphenyl

R.T.: 9.750 min
Delta R.T.: -0.031 min
Response: 1345069
Conc: 23.92 ng/ml



#2 Decachlorobiphenyl

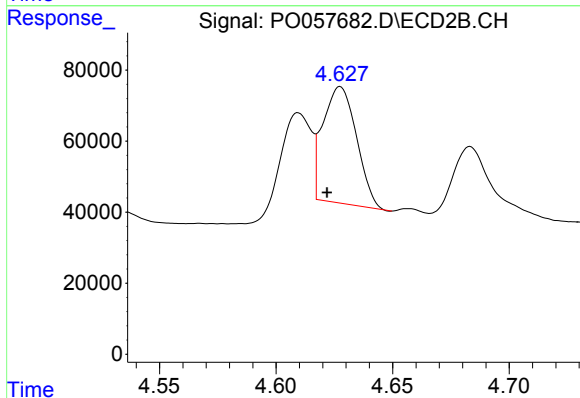
R.T.: 8.461 min
Delta R.T.: -0.015 min
Response: 888699
Conc: 23.76 ng/ml



#3 AR-1016-1

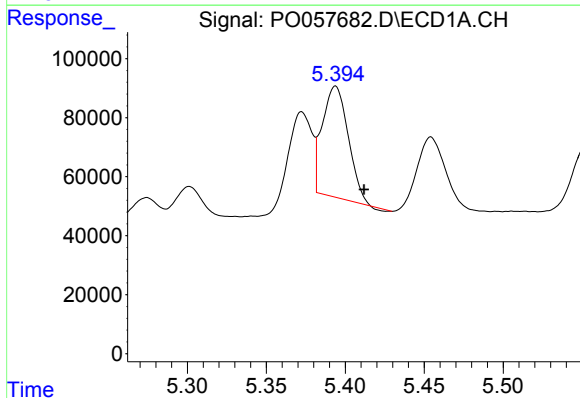
R.T.: 5.394 min
Delta R.T.: 0.003 min
Response: 427615
Conc: 241.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



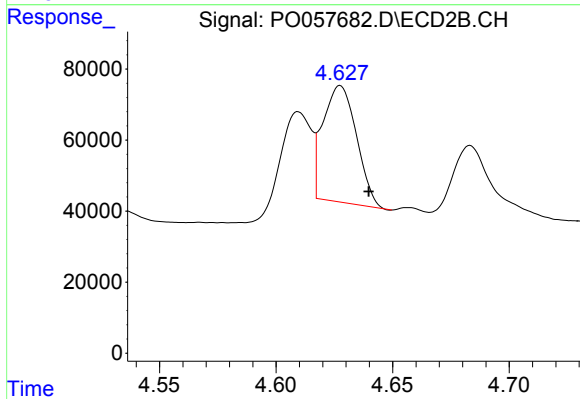
#3 AR-1016-1

R.T.: 4.628 min
Delta R.T.: 0.006 min
Response: 328588
Conc: 245.77 ng/ml



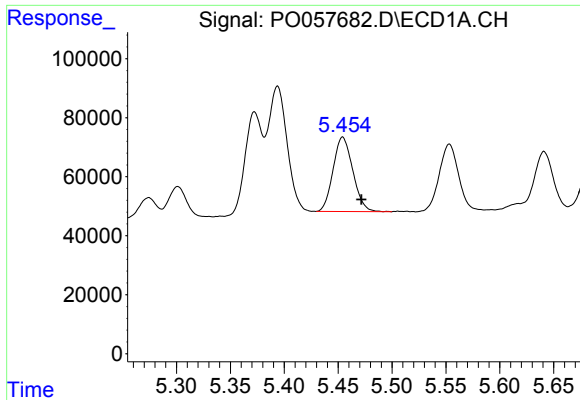
#4 AR-1016-2

R.T.: 5.394 min
Delta R.T.: -0.018 min
Response: 427615
Conc: 165.94 ng/ml



#4 AR-1016-2

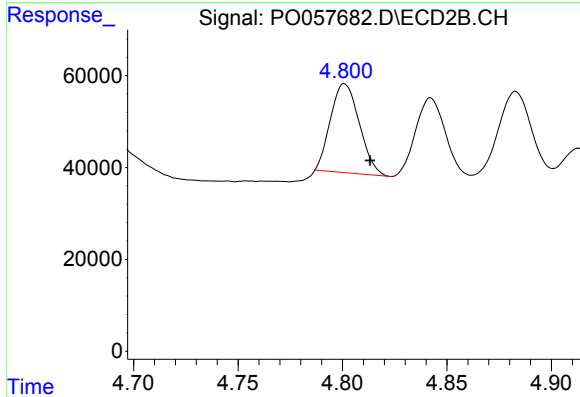
R.T.: 4.628 min
Delta R.T.: -0.012 min
Response: 328588
Conc: 168.78 ng/ml



#5 AR-1016-3

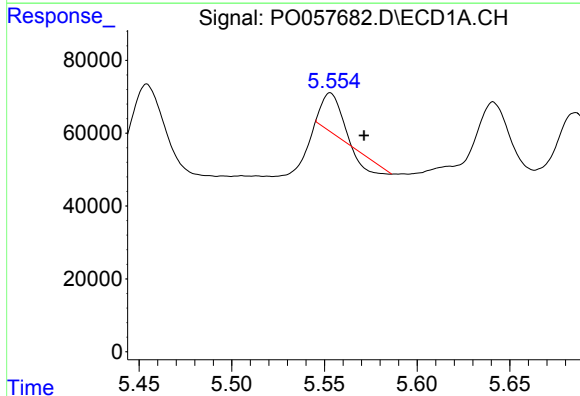
R.T.: 5.454 min
Delta R.T.: -0.017 min
Response: 321934
Conc: 206.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



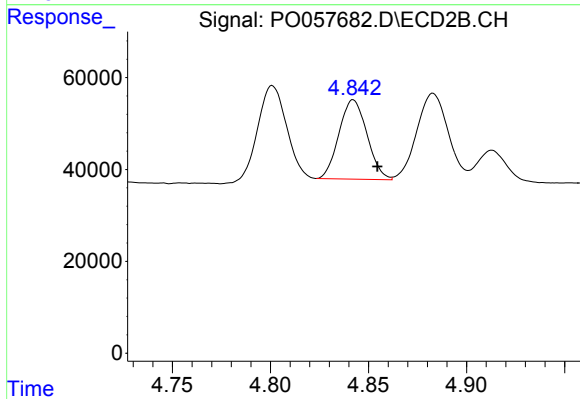
#5 AR-1016-3

R.T.: 4.801 min
Delta R.T.: -0.012 min
Response: 186074
Conc: 175.75 ng/ml



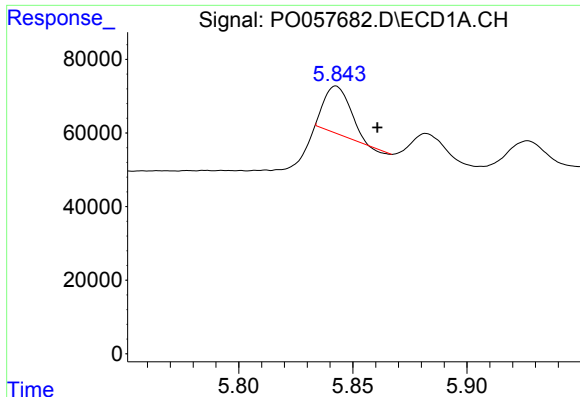
#6 AR-1016-4

R.T.: 5.553 min
Delta R.T.: -0.018 min
Response: 49276
Conc: 38.00 ng/ml



#6 AR-1016-4

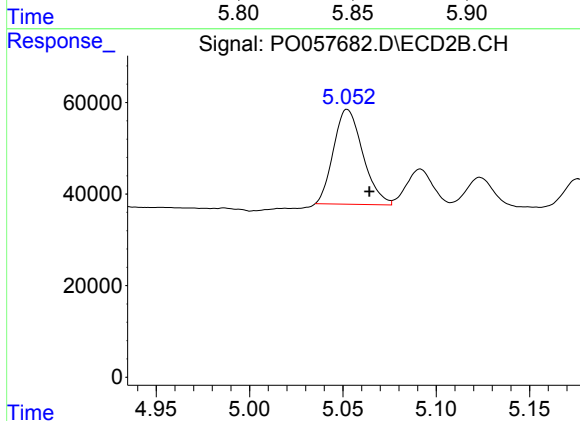
R.T.: 4.842 min
Delta R.T.: -0.012 min
Response: 172354
Conc: 193.72 ng/ml



#7 AR-1016-5

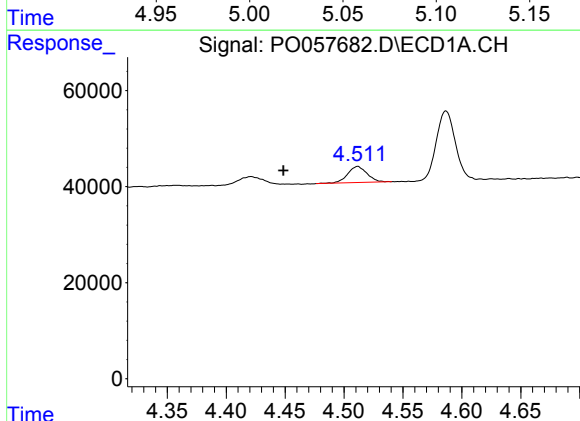
R.T.: 5.843 min
Delta R.T.: -0.018 min
Response: 100677
Conc: 73.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



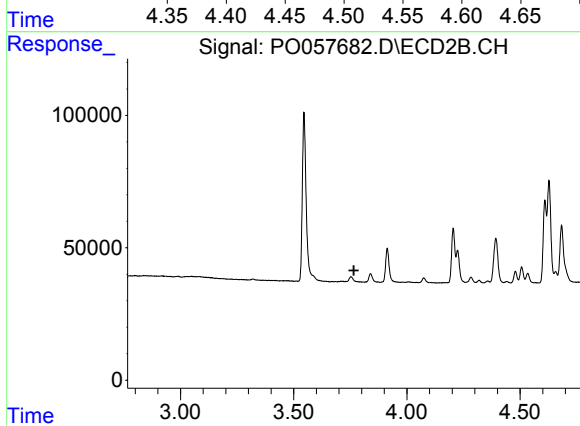
#7 AR-1016-5

R.T.: 5.052 min
Delta R.T.: -0.012 min
Response: 226471
Conc: 198.24 ng/ml



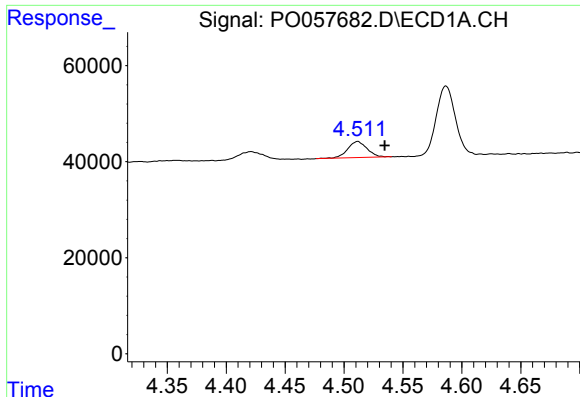
#8 AR-1221-1

R.T.: 4.512 min
Delta R.T.: 0.063 min
Response: 38261
Conc: 87.89 ng/ml



#8 AR-1221-1

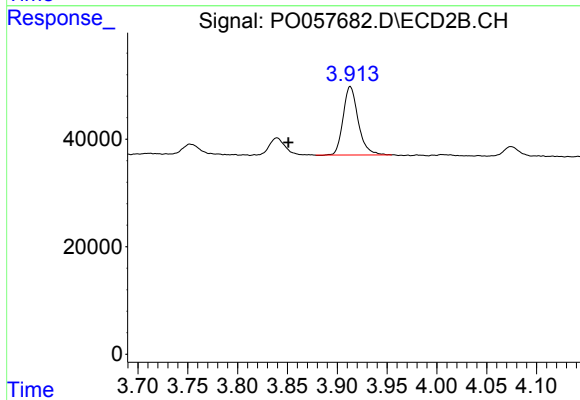
R.T.: 0.000 min
Exp R.T.: 3.766 min
Response: 0
Conc: N.D.



#9 AR-1221-2

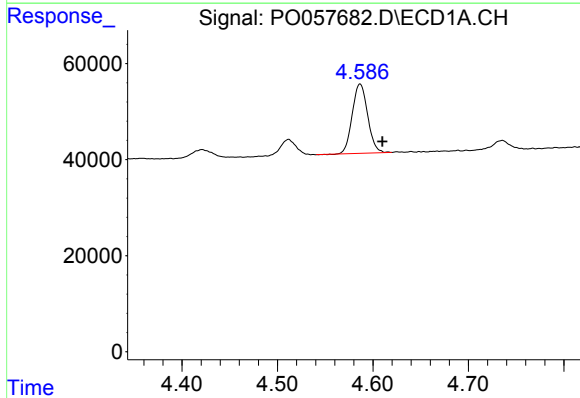
R.T.: 4.512 min
Delta R.T.: -0.023 min
Response: 38261
Conc: 115.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



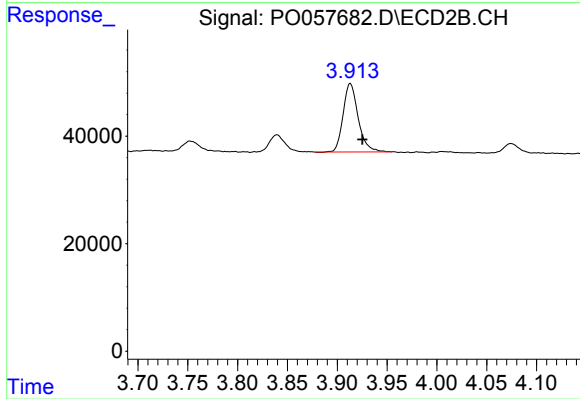
#9 AR-1221-2

R.T.: 3.913 min
Delta R.T.: 0.062 min
Response: 134060
Conc: 480.33 ng/ml



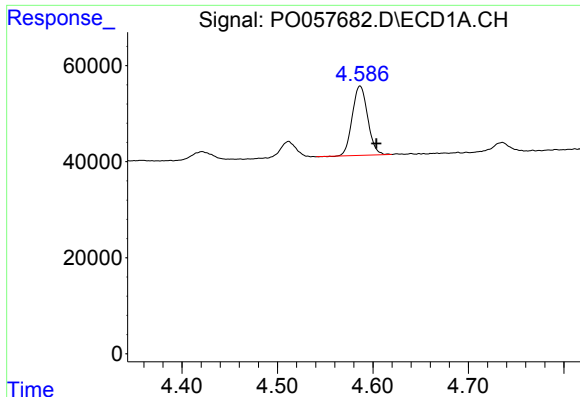
#10 AR-1221-3

R.T.: 4.587 min
Delta R.T.: -0.023 min
Response: 161937
Conc: 153.40 ng/ml



#10 AR-1221-3

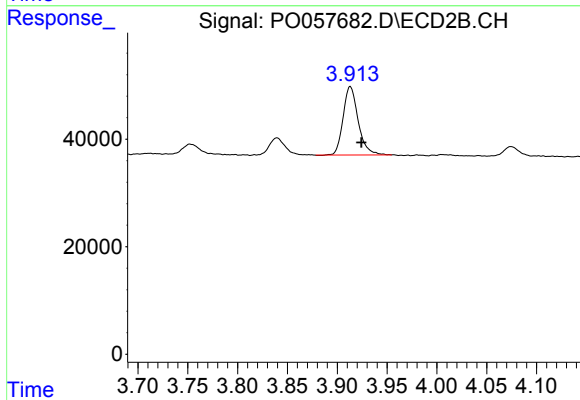
R.T.: 3.913 min
Delta R.T.: -0.012 min
Response: 134060
Conc: 153.06 ng/ml



#11 AR-1232-1

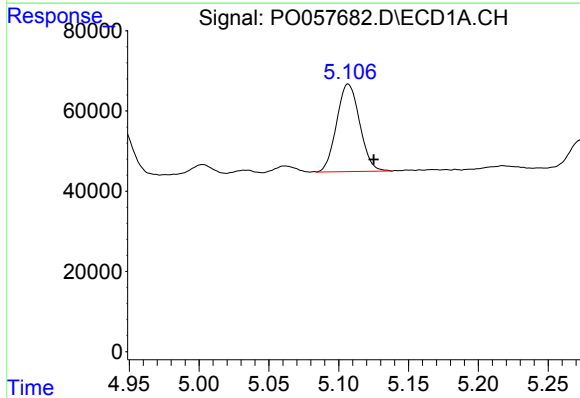
R.T.: 4.587 min
Delta R.T.: -0.017 min
Response: 161937
Conc: 180.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



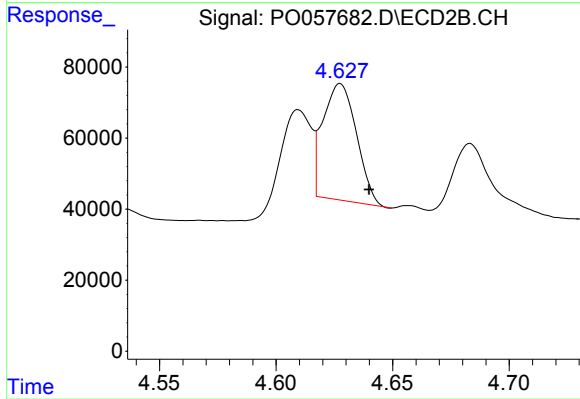
#11 AR-1232-1

R.T.: 3.913 min
Delta R.T.: -0.011 min
Response: 134060
Conc: 179.45 ng/ml



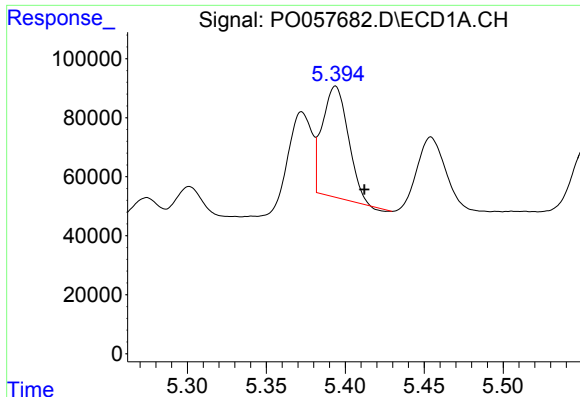
#12 AR-1232-2

R.T.: 5.107 min
Delta R.T.: -0.018 min
Response: 251013
Conc: 517.99 ng/ml



#12 AR-1232-2

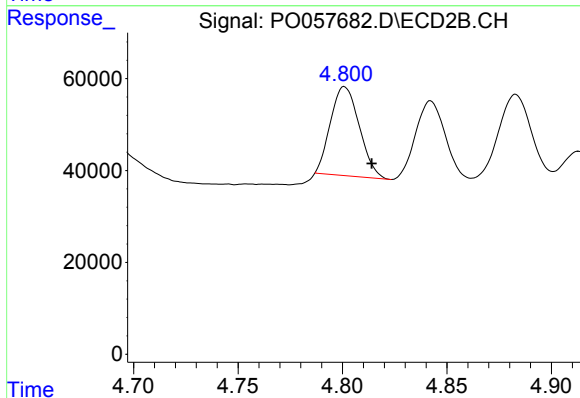
R.T.: 4.628 min
Delta R.T.: -0.012 min
Response: 328588
Conc: 398.81 ng/ml



#13 AR-1232-3

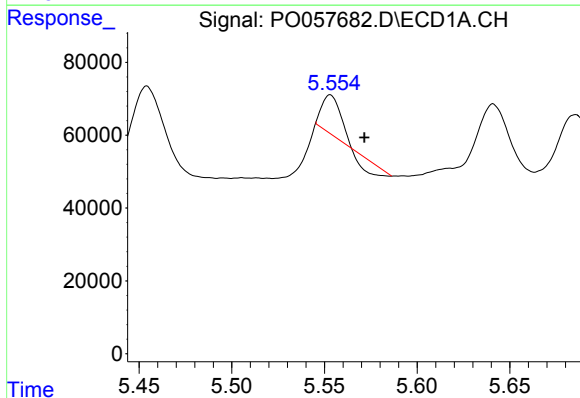
R.T.: 5.394 min
Delta R.T.: -0.018 min
Response: 427615
Conc: 407.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



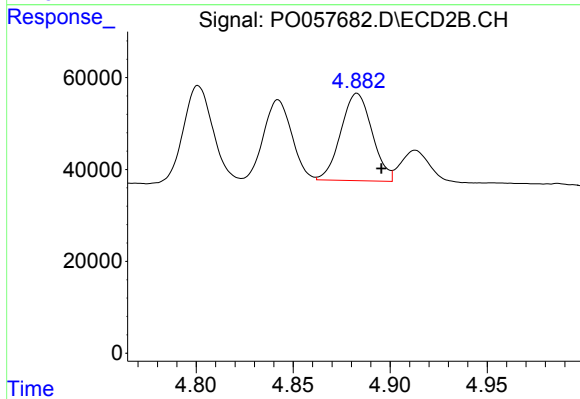
#13 AR-1232-3

R.T.: 4.801 min
Delta R.T.: -0.013 min
Response: 186074
Conc: 430.79 ng/ml



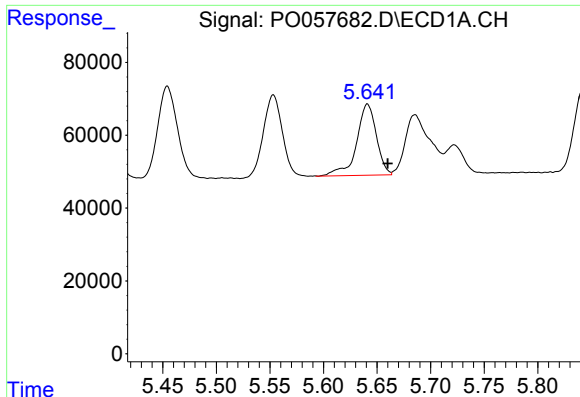
#14 AR-1232-4

R.T.: 5.553 min
Delta R.T.: -0.018 min
Response: 49276
Conc: 92.71 ng/ml



#14 AR-1232-4

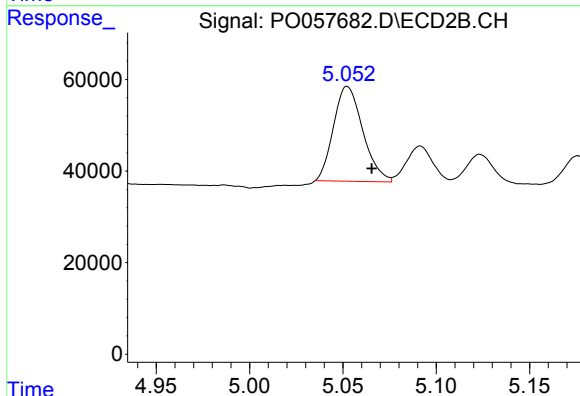
R.T.: 4.883 min
Delta R.T.: -0.013 min
Response: 213300
Conc: 561.02 ng/ml



#15 AR-1232-5

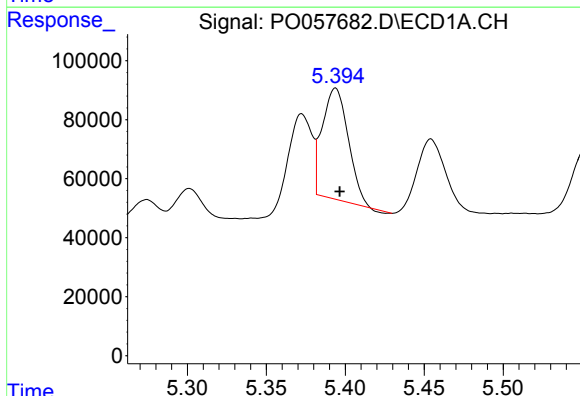
R.T.: 5.641 min
Delta R.T.: -0.019 min
Response: 252525
Conc: 611.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



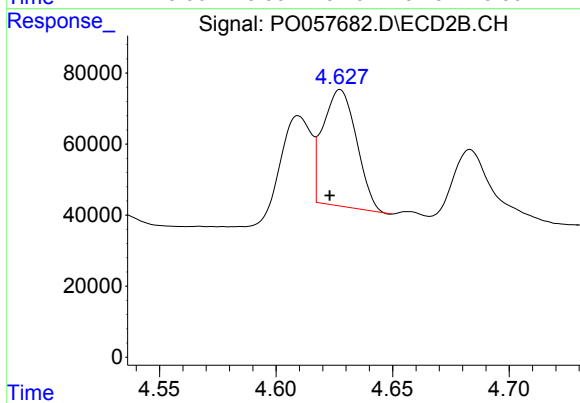
#15 AR-1232-5

R.T.: 5.052 min
Delta R.T.: -0.013 min
Response: 226471
Conc: 531.95 ng/ml



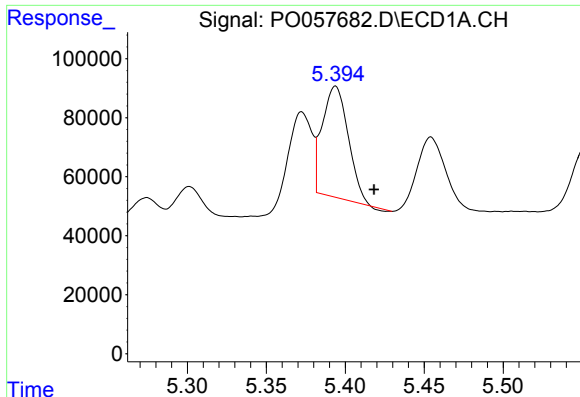
#16 AR-1242-1

R.T.: 5.394 min
Delta R.T.: -0.003 min
Response: 427615
Conc: 301.72 ng/ml



#16 AR-1242-1

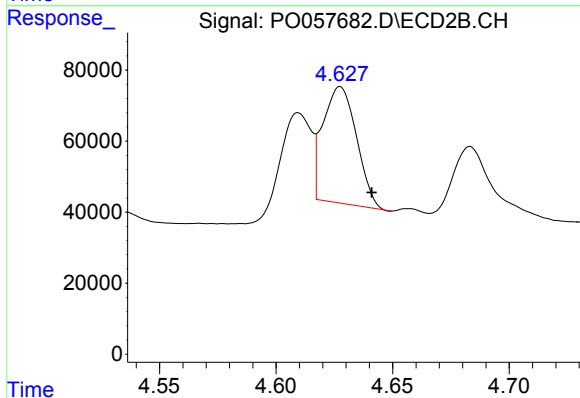
R.T.: 4.628 min
Delta R.T.: 0.004 min
Response: 328588
Conc: 310.49 ng/ml



#17 AR-1242-2

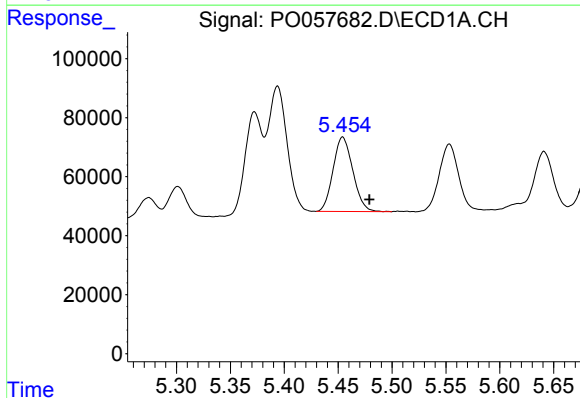
R.T.: 5.394 min
Delta R.T.: -0.024 min
Response: 427615
Conc: 205.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



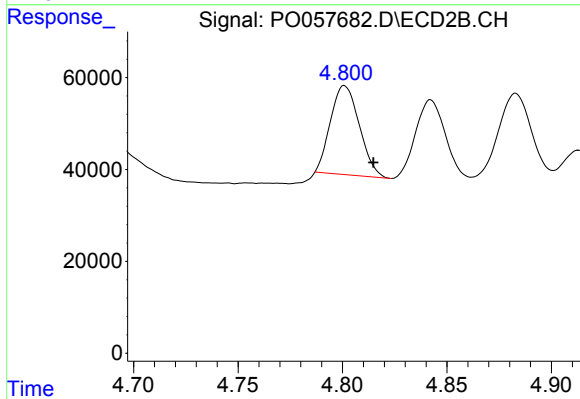
#17 AR-1242-2

R.T.: 4.628 min
Delta R.T.: -0.014 min
Response: 328588
Conc: 210.91 ng/ml



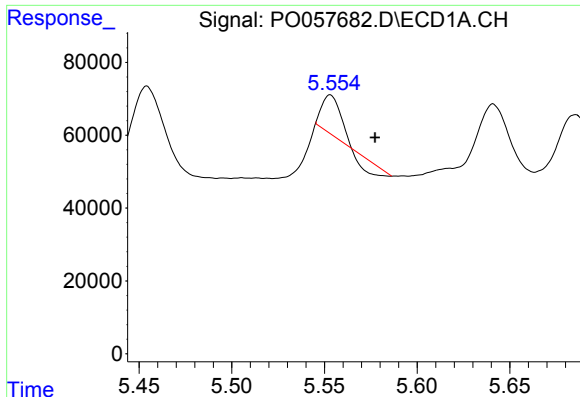
#18 AR-1242-3

R.T.: 5.454 min
Delta R.T.: -0.025 min
Response: 321934
Conc: 255.01 ng/ml



#18 AR-1242-3

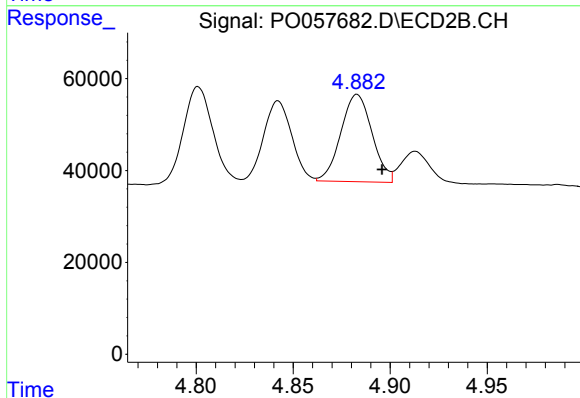
R.T.: 4.801 min
Delta R.T.: -0.014 min
Response: 186074
Conc: 219.45 ng/ml



#19 AR-1242-4

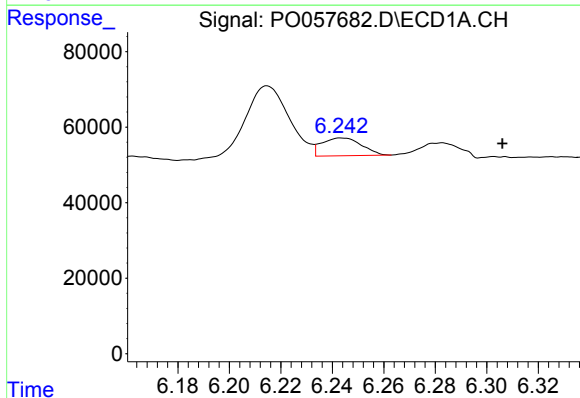
R.T.: 5.553 min
Delta R.T.: -0.024 min
Response: 49276
Conc: 45.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



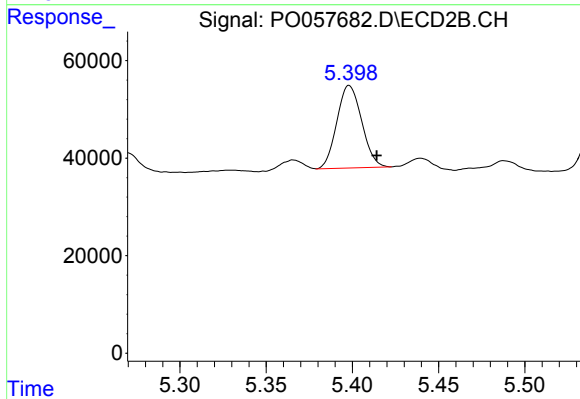
#19 AR-1242-4

R.T.: 4.883 min
Delta R.T.: -0.013 min
Response: 213300
Conc: 255.61 ng/ml



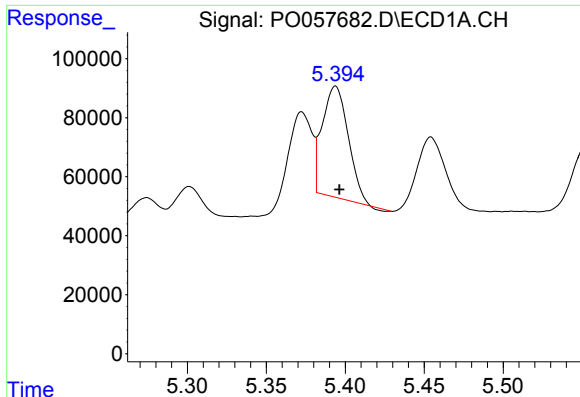
#20 AR-1242-5

R.T.: 6.244 min
Delta R.T.: -0.062 min
Response: 50680
Conc: 39.06 ng/ml



#20 AR-1242-5

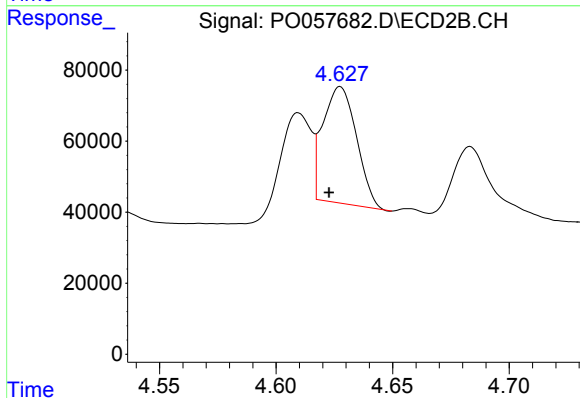
R.T.: 5.398 min
Delta R.T.: -0.016 min
Response: 169411
Conc: 169.16 ng/ml



#21 AR-1248-1

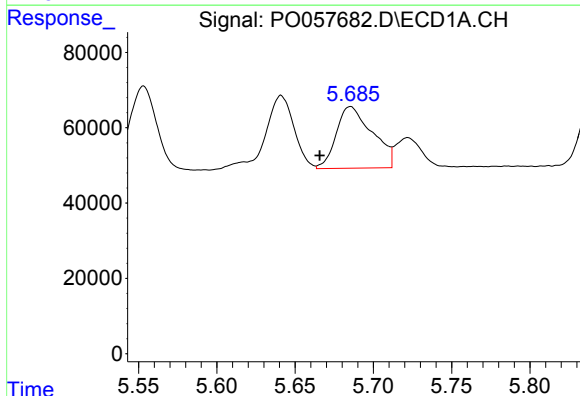
R.T.: 5.394 min
Delta R.T.: -0.002 min
Response: 427615
Conc: 367.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



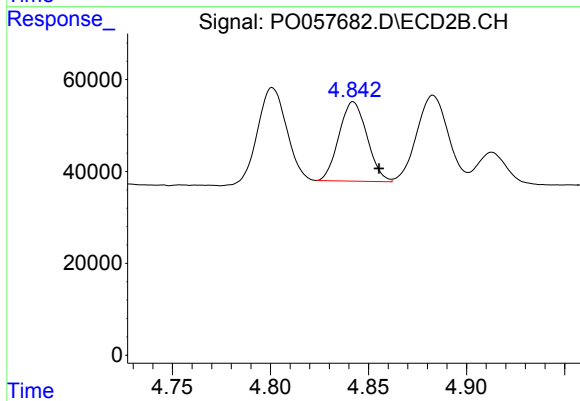
#21 AR-1248-1

R.T.: 4.628 min
Delta R.T.: 0.005 min
Response: 328588
Conc: 354.37 ng/ml



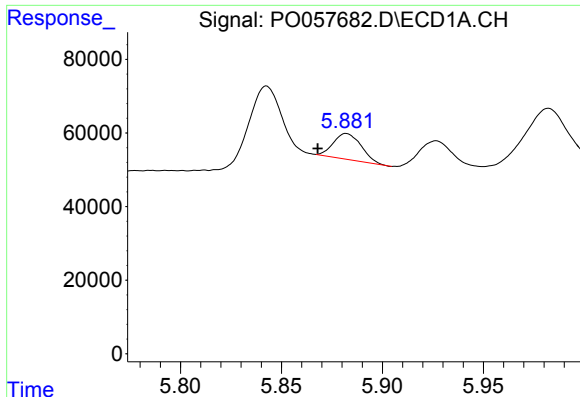
#22 AR-1248-2

R.T.: 5.685 min
Delta R.T.: 0.020 min
Response: 262964
Conc: 151.49 ng/ml



#22 AR-1248-2

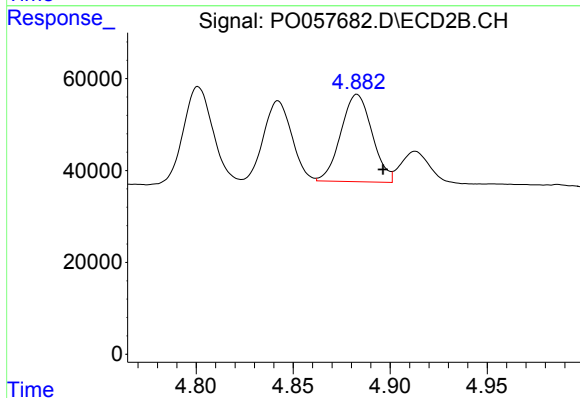
R.T.: 4.842 min
Delta R.T.: -0.013 min
Response: 172354
Conc: 134.09 ng/ml



#23 AR-1248-3

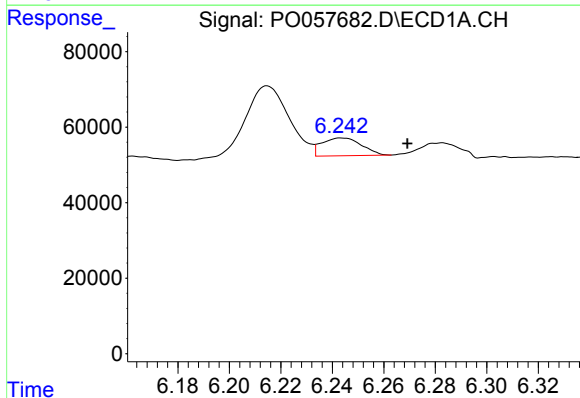
R.T.: 5.882 min
Delta R.T.: 0.014 min
Response: 67688
Conc: 34.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



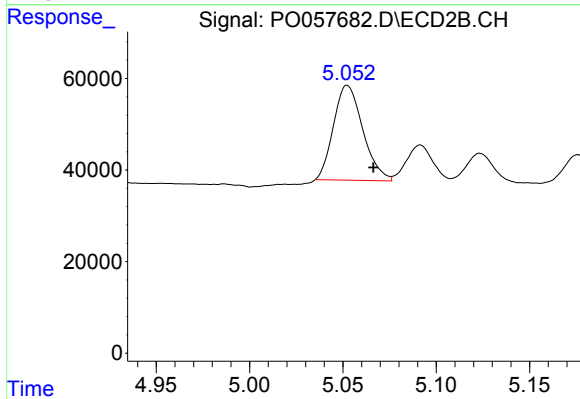
#23 AR-1248-3

R.T.: 4.883 min
Delta R.T.: -0.013 min
Response: 213300
Conc: 161.64 ng/ml



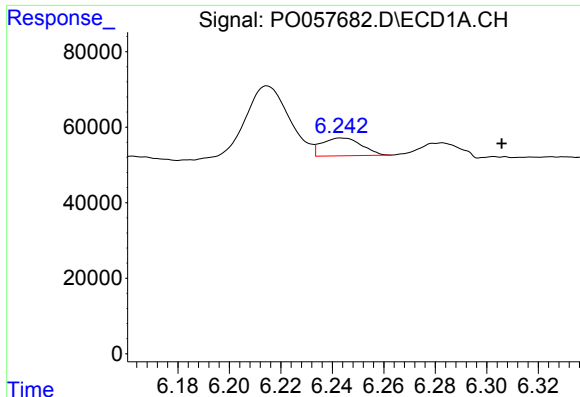
#24 AR-1248-4

R.T.: 6.244 min
Delta R.T.: -0.025 min
Response: 50680
Conc: 21.62 ng/ml



#24 AR-1248-4

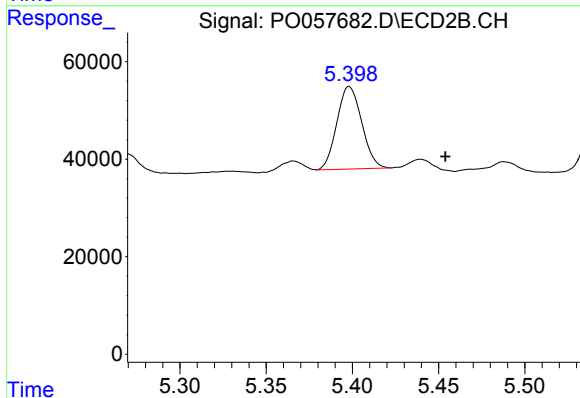
R.T.: 5.052 min
Delta R.T.: -0.014 min
Response: 226471
Conc: 139.93 ng/ml



#25 AR-1248-5

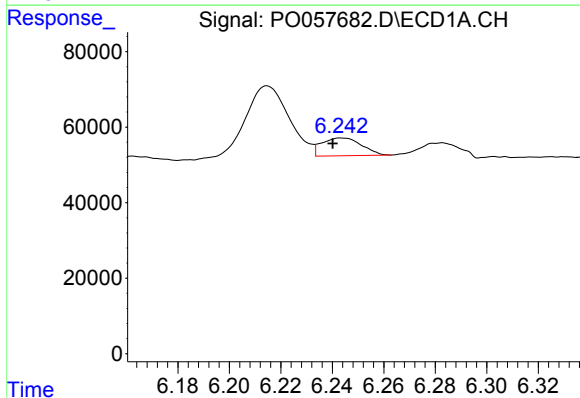
R.T.: 6.244 min
Delta R.T.: -0.062 min
Response: 50680
Conc: 22.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



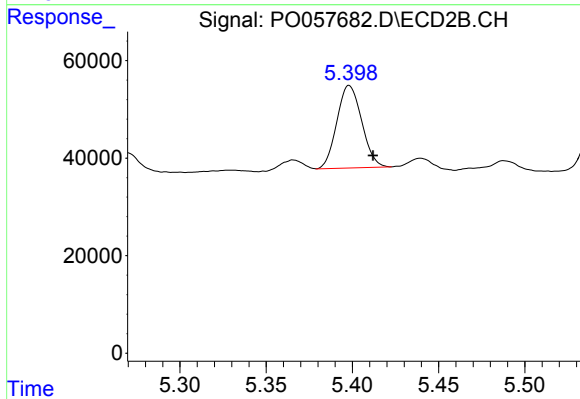
#25 AR-1248-5

R.T.: 5.398 min
Delta R.T.: -0.056 min
Response: 169411
Conc: 109.54 ng/ml



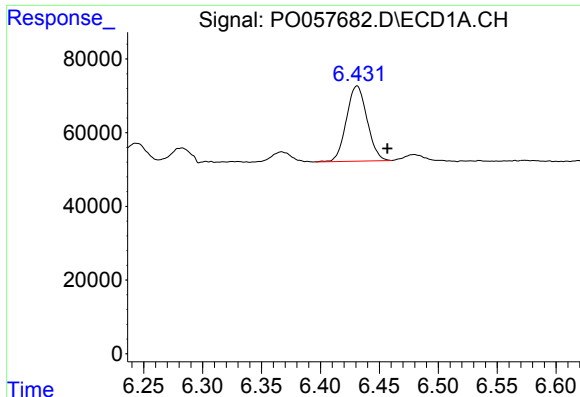
#26 AR-1254-1

R.T.: 6.244 min
Delta R.T.: 0.004 min
Response: 50680
Conc: 26.02 ng/ml



#26 AR-1254-1

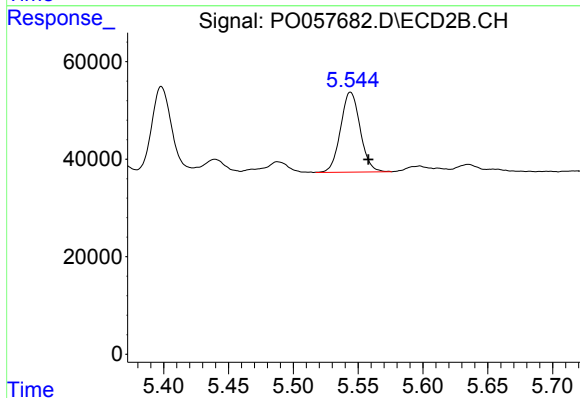
R.T.: 5.398 min
Delta R.T.: -0.014 min
Response: 169411
Conc: 79.66 ng/ml



#27 AR-1254-2

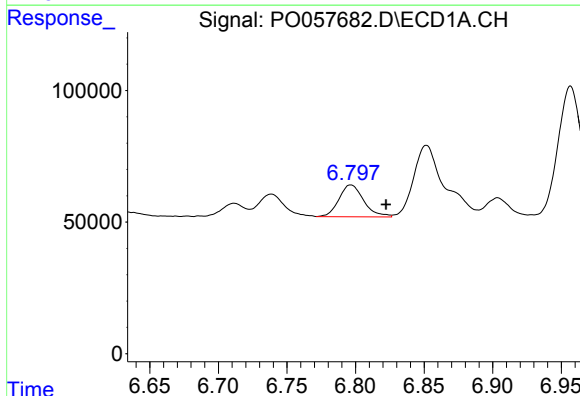
R.T.: 6.431 min
Delta R.T.: -0.026 min
Response: 249170
Conc: 79.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



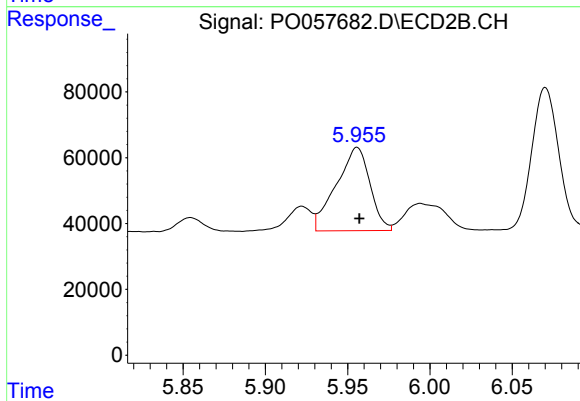
#27 AR-1254-2

R.T.: 5.544 min
Delta R.T.: -0.014 min
Response: 172452
Conc: 92.65 ng/ml



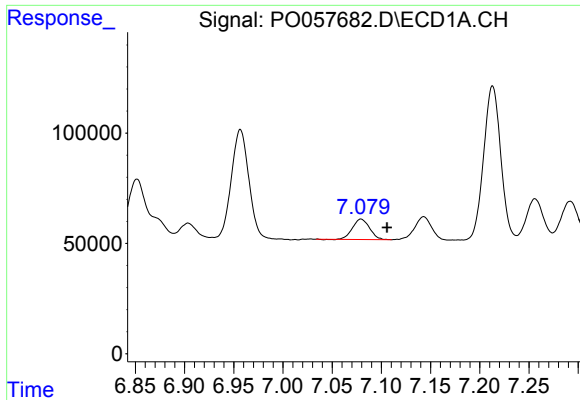
#28 AR-1254-3

R.T.: 6.797 min
Delta R.T.: -0.026 min
Response: 152583
Conc: 46.15 ng/ml



#28 AR-1254-3

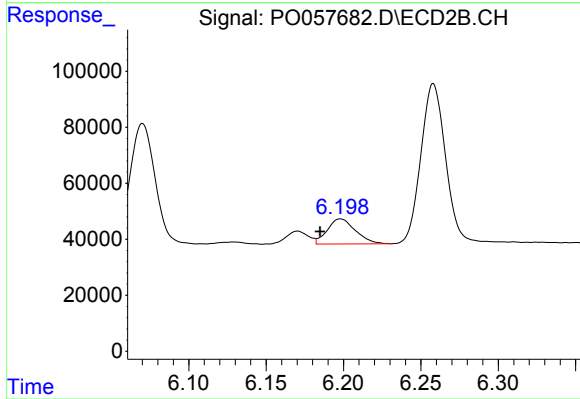
R.T.: 5.956 min
Delta R.T.: -0.001 min
Response: 361379
Conc: 120.01 ng/ml



#29 AR-1254-4

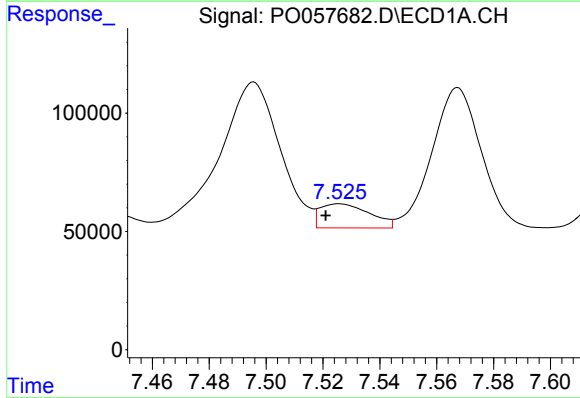
R.T.: 7.079 min
Delta R.T.: -0.026 min
Response: 112640
Conc: 41.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



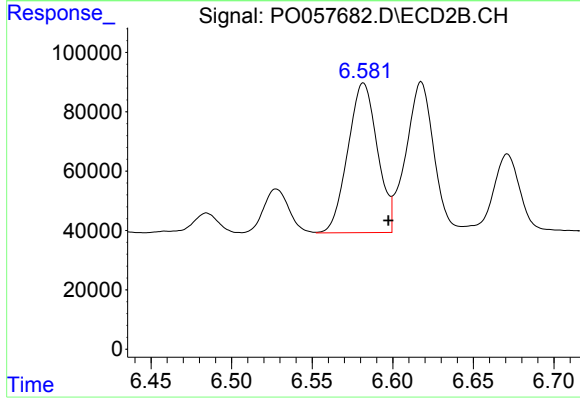
#29 AR-1254-4

R.T.: 6.198 min
Delta R.T.: 0.013 min
Response: 113610
Conc: 63.11 ng/ml



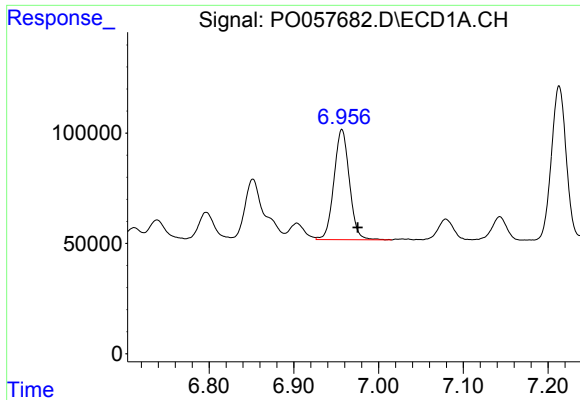
#30 AR-1254-5

R.T.: 7.526 min
Delta R.T.: 0.005 min
Response: 123860
Conc: 44.30 ng/ml



#30 AR-1254-5

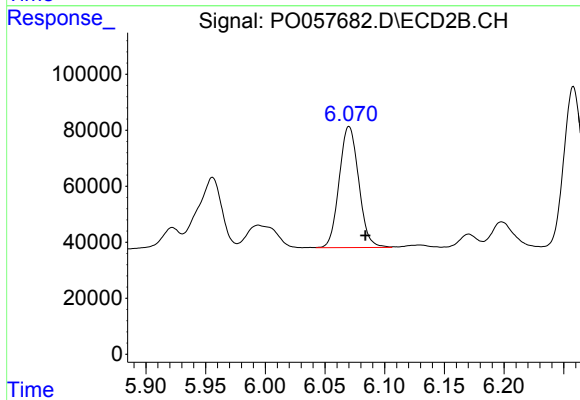
R.T.: 6.582 min
Delta R.T.: -0.015 min
Response: 643653
Conc: 237.59 ng/ml



#31 AR-1260-1

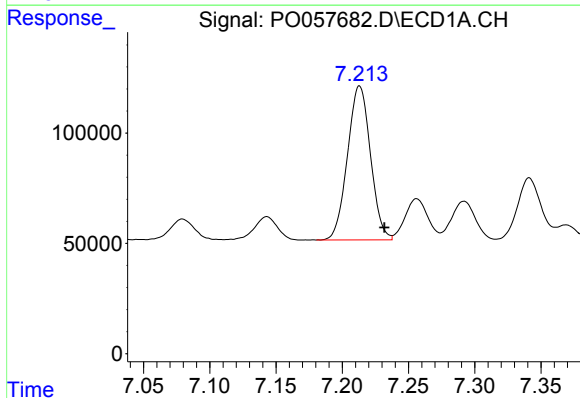
R.T.: 6.957 min
Delta R.T.: -0.019 min
Response: 633457
Conc: 228.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



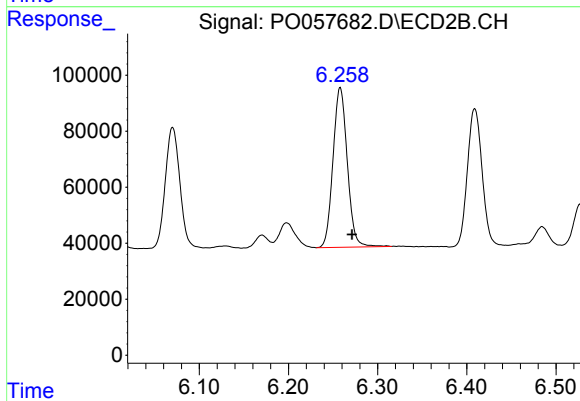
#31 AR-1260-1

R.T.: 6.070 min
Delta R.T.: -0.014 min
Response: 492455
Conc: 230.09 ng/ml



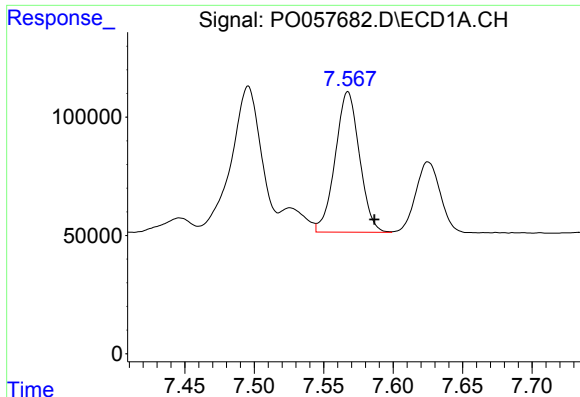
#32 AR-1260-2

R.T.: 7.213 min
Delta R.T.: -0.019 min
Response: 845445
Conc: 229.33 ng/ml



#32 AR-1260-2

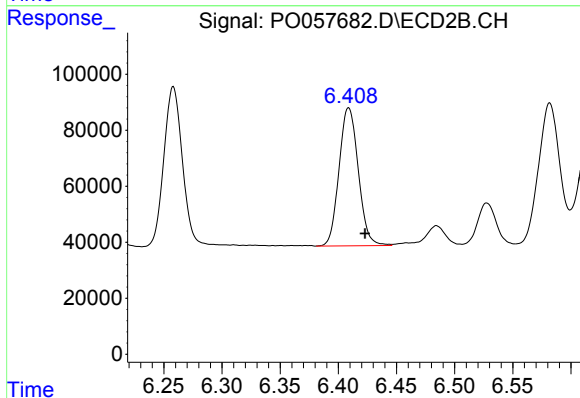
R.T.: 6.258 min
Delta R.T.: -0.013 min
Response: 635080
Conc: 231.47 ng/ml



#33 AR-1260-3

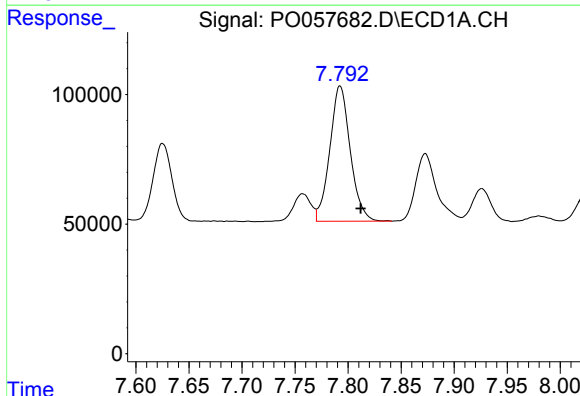
R.T.: 7.567 min
Delta R.T.: -0.019 min
Response: 722199
Conc: 237.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



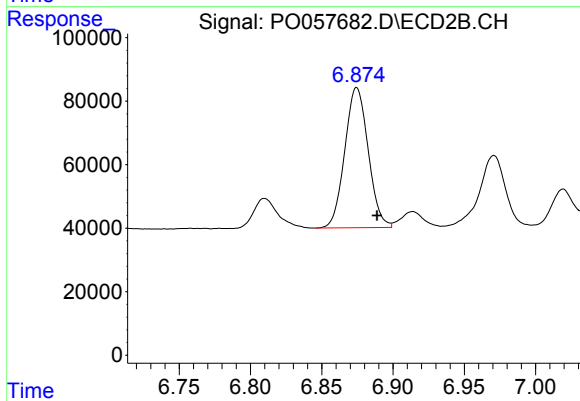
#33 AR-1260-3

R.T.: 6.409 min
Delta R.T.: -0.014 min
Response: 568616
Conc: 232.90 ng/ml



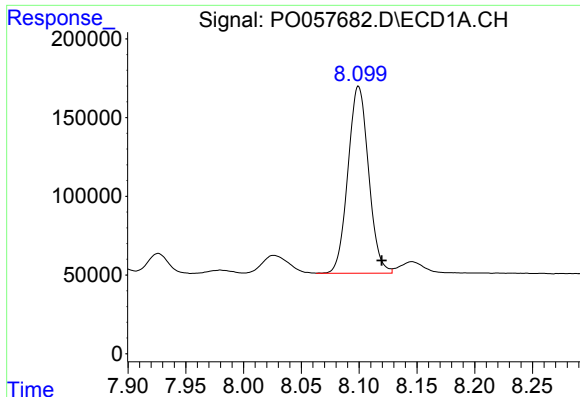
#34 AR-1260-4

R.T.: 7.792 min
Delta R.T.: -0.019 min
Response: 701846
Conc: 231.42 ng/ml



#34 AR-1260-4

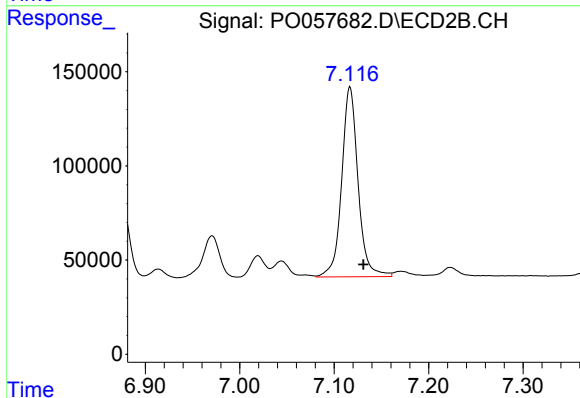
R.T.: 6.875 min
Delta R.T.: -0.014 min
Response: 504648
Conc: 242.38 ng/ml



#35 AR-1260-5

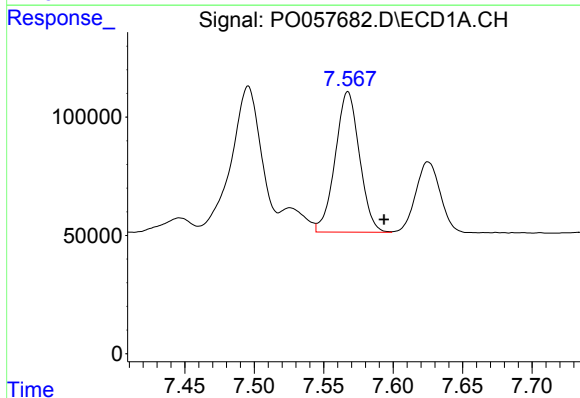
R.T.: 8.099 min
Delta R.T.: -0.020 min
Response: 1473784
Conc: 235.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



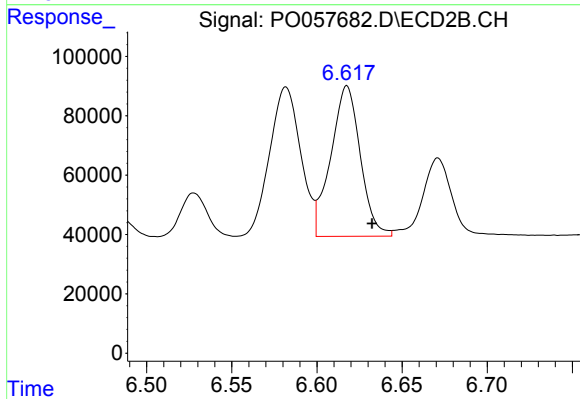
#35 AR-1260-5

R.T.: 7.117 min
Delta R.T.: -0.014 min
Response: 1214610
Conc: 239.47 ng/ml



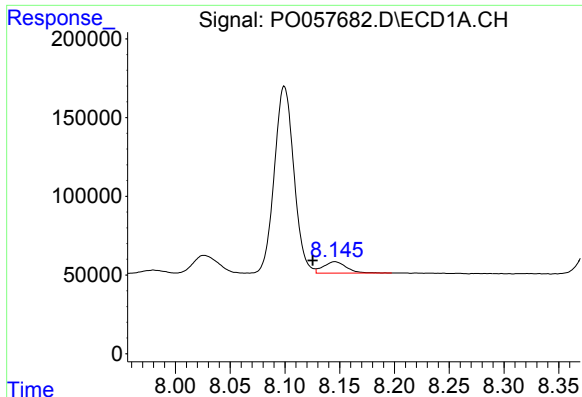
#36 AR-1262-1

R.T.: 7.567 min
Delta R.T.: -0.026 min
Response: 722199
Conc: 158.91 ng/ml



#36 AR-1262-1

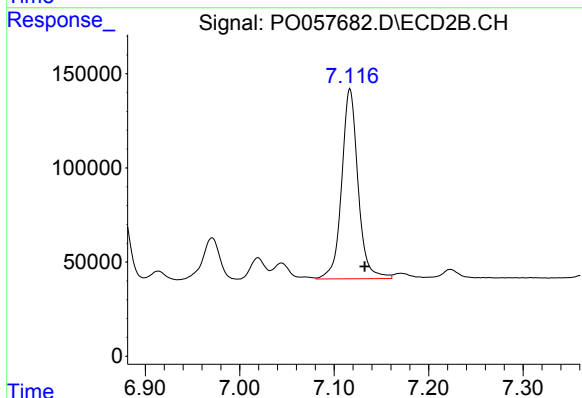
R.T.: 6.618 min
Delta R.T.: -0.015 min
Response: 611728
Conc: 163.42 ng/ml



#37 AR-1262-2

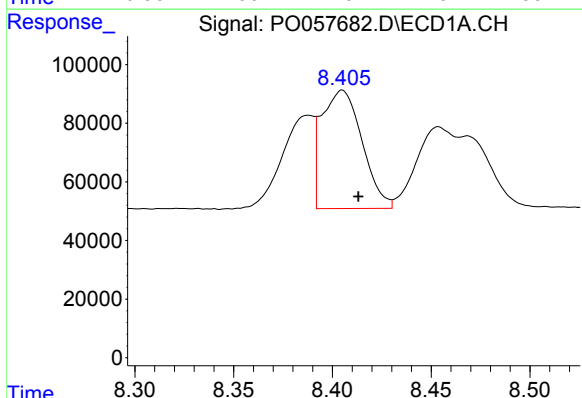
R.T.: 8.146 min
Delta R.T.: 0.020 min
Response: 106767
Conc: 14.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



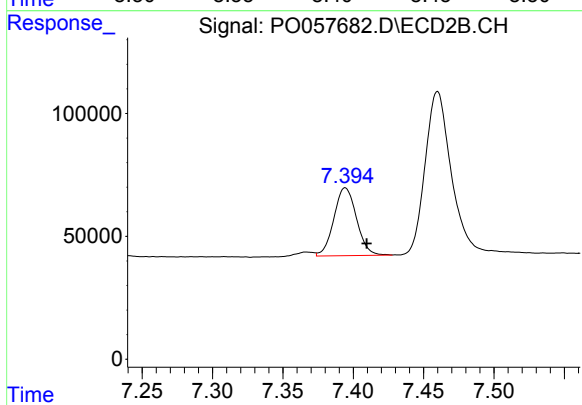
#37 AR-1262-2

R.T.: 7.117 min
Delta R.T.: -0.015 min
Response: 1214610
Conc: 204.42 ng/ml



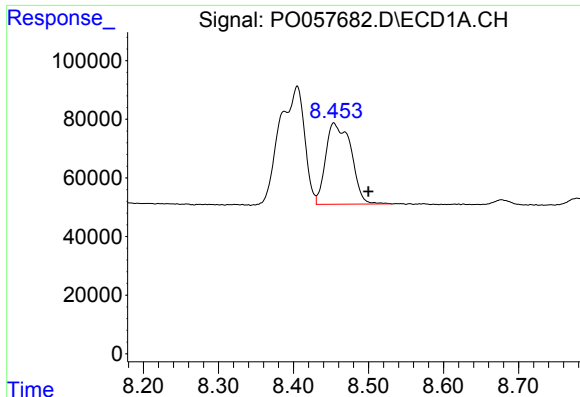
#38 AR-1262-3

R.T.: 8.405 min
Delta R.T.: -0.008 min
Response: 573977
Conc: 116.90 ng/ml



#38 AR-1262-3

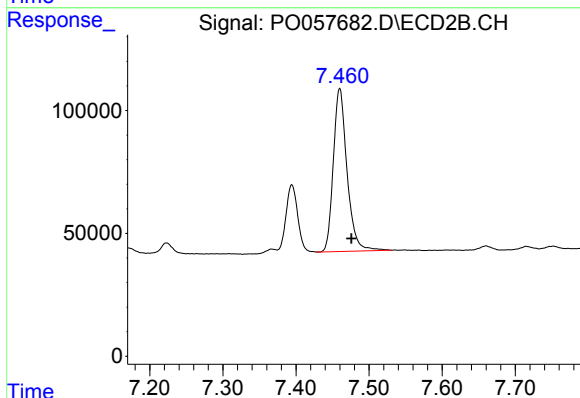
R.T.: 7.394 min
Delta R.T.: -0.015 min
Response: 309848
Conc: 121.14 ng/ml



#39 AR-1262-4

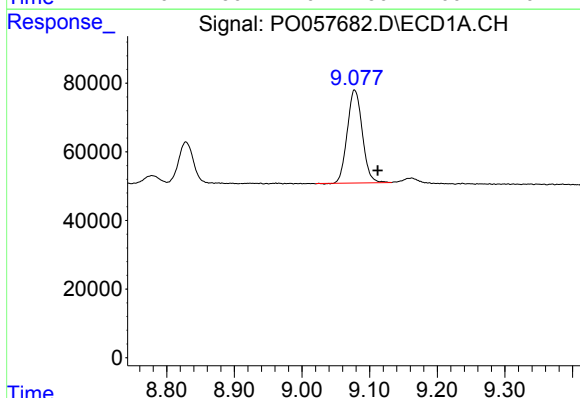
R.T.: 8.454 min
Delta R.T.: -0.046 min
Response: 652026
Conc: 160.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



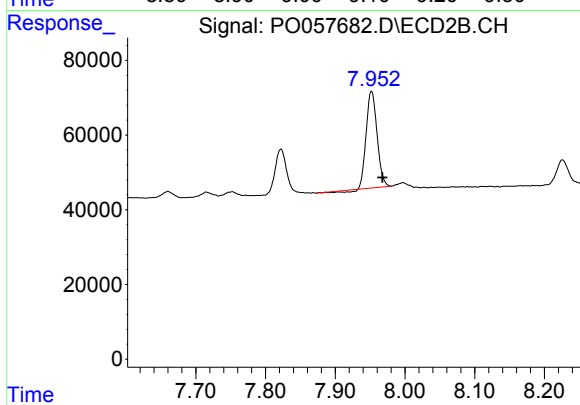
#39 AR-1262-4

R.T.: 7.460 min
Delta R.T.: -0.016 min
Response: 864628
Conc: 196.18 ng/ml



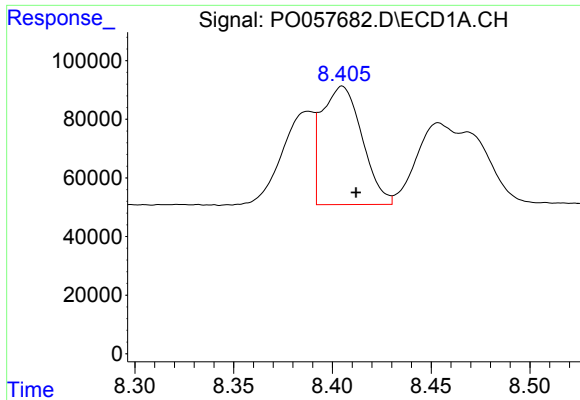
#40 AR-1262-5

R.T.: 9.078 min
Delta R.T.: -0.034 min
Response: 418168
Conc: 165.83 ng/ml



#40 AR-1262-5

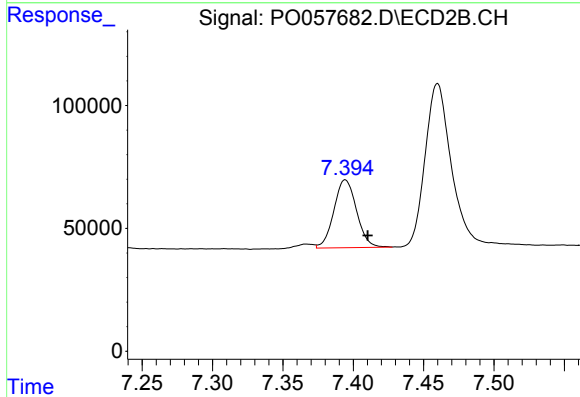
R.T.: 7.952 min
Delta R.T.: -0.016 min
Response: 274248
Conc: 150.17 ng/ml



#41 AR-1268-1

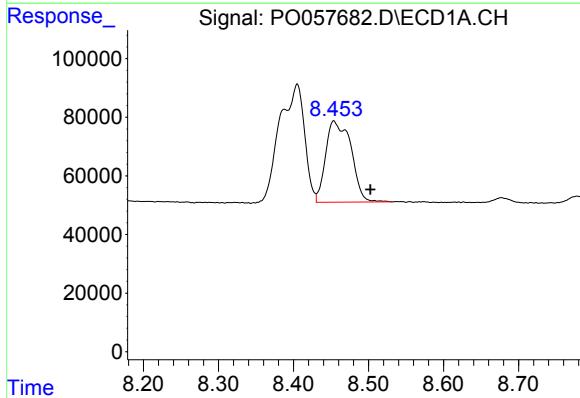
R.T.: 8.405 min
Delta R.T.: -0.007 min
Response: 573977
Conc: 68.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



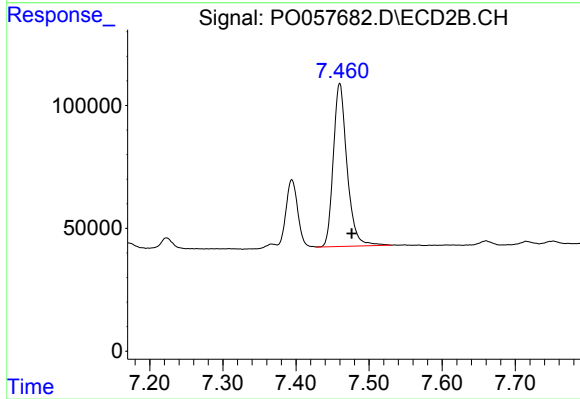
#41 AR-1268-1

R.T.: 7.394 min
Delta R.T.: -0.016 min
Response: 309848
Conc: 45.25 ng/ml



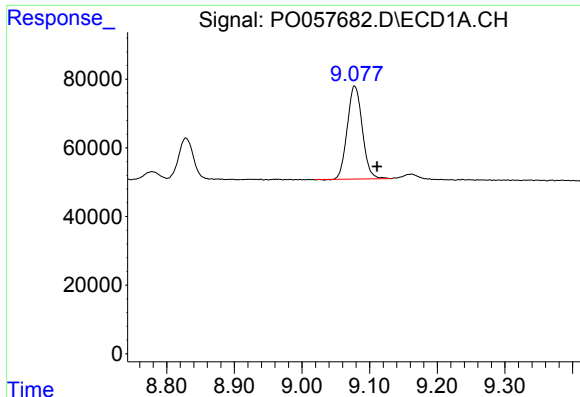
#42 AR-1268-2

R.T.: 8.454 min
Delta R.T.: -0.049 min
Response: 652026
Conc: 81.66 ng/ml



#42 AR-1268-2

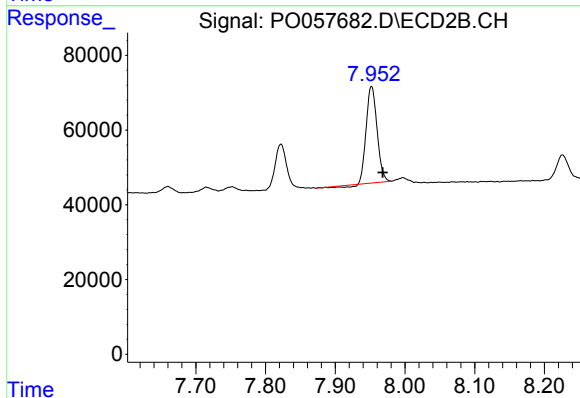
R.T.: 7.460 min
Delta R.T.: -0.017 min
Response: 864628
Conc: 136.22 ng/ml



#44 AR-1268-4

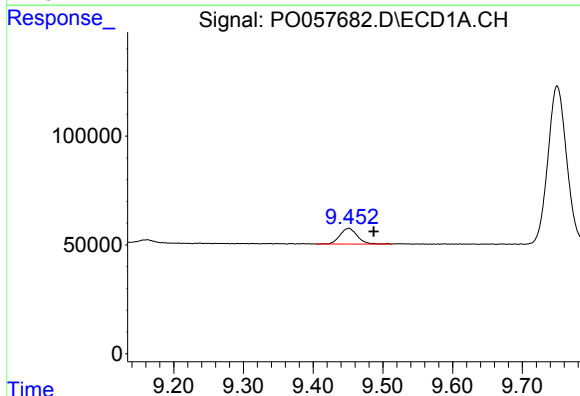
R.T.: 9.078 min
Delta R.T.: -0.033 min
Response: 418168
Conc: 162.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB121048BSD



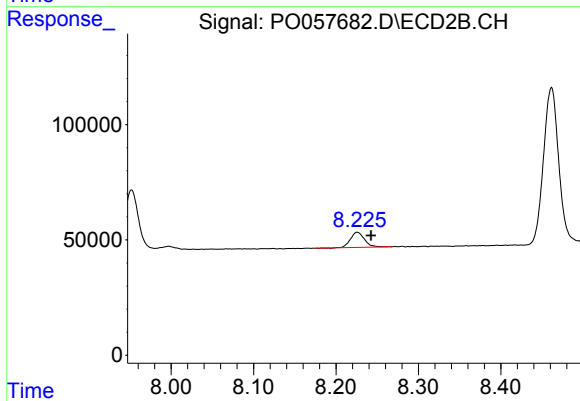
#44 AR-1268-4

R.T.: 7.952 min
Delta R.T.: -0.016 min
Response: 274248
Conc: 136.89 ng/ml



#45 AR-1268-5

R.T.: 9.451 min
Delta R.T.: -0.036 min
Response: 124742
Conc: 6.31 ng/ml



#45 AR-1268-5

R.T.: 8.226 min
Delta R.T.: -0.017 min
Response: 78113
Conc: 5.08 ng/ml