

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060521\
 Data File : P0078479.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Jun 2021 13:45
 Operator : DD\AJ
 Sample : M2589-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 18-B9(2-4)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 05:25:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 19 06:28:32 2021
 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...	4.340	3.618	1564514	703140	21.168	23.270
2)	SA Decachlor...	9.950	8.803	993713	631795	20.099	21.728
Target Compounds							
3)	L1 AR-1016-1	5.635	4.861f	83015	101969	34.079	93.393 #
4)	L1 AR-1016-2	5.658	4.861	83402	101969	23.393	65.591 #
5)	L1 AR-1016-3	5.723	5.048	112456	102362	50.749	125.057 #
6)	L1 AR-1016-4	0.000	5.104	0	60807	N.D.	85.485 #
7)	L1 AR-1016-5	6.115f	5.327	324908	31811	187.813	36.084 #
8)	L2 AR-1221-1	4.585	0.000	24138	0	29.327	N.D. #
9)	L2 AR-1221-2	4.682	3.961	19926	29229	32.423	106.108 #
10)	L2 AR-1221-3	4.772	4.051	44934	17179	22.530	19.263
11)	L3 AR-1232-1	4.772	4.051	44934	17179	29.376	24.714
12)	L3 AR-1232-2	5.344	4.861	213714	101969	271.114	153.280 #
13)	L3 AR-1232-3	5.658	5.048f	83402	102362	57.440	301.214 #
14)	L3 AR-1232-4	0.000	5.152	0	437028	N.D.	1379.565 #
15)	L3 AR-1232-5	5.926	5.327	105607	31811	215.087	91.427 #
16)	L4 AR-1242-1	5.635	4.861	83015	101969	45.187	118.719 #
17)	L4 AR-1242-2	5.658	4.861	83402	101969	30.874	84.277 #
18)	L4 AR-1242-3	5.723	5.048	112456	102362	64.611	158.882 #
19)	L4 AR-1242-4	0.000	5.152	0	437028	N.D.	646.442 #
20)	L4 AR-1242-5	6.598	5.703	379357	637217	283.498	777.088 #
21)	L5 AR-1248-1	5.635	4.861	83015	101969	58.260	158.228 #
22)	L5 AR-1248-2	5.926	5.104	105607	60807	55.626	63.610
23)	L5 AR-1248-3	6.115f	5.152	324908	437028	146.484	454.652 #
24)	L5 AR-1248-4	0.000	5.327	0	31811	N.D.	27.776 #
25)	L5 AR-1248-5	6.598	5.742	379357	95236	167.666	90.887 #
26)	L6 AR-1254-1	6.532	5.703	1216097	637217	489.968	369.488
27)	L6 AR-1254-2	6.759	5.858	950107	218645	244.839	136.400 #
28)	L6 AR-1254-3	7.129	6.294	587163	122500	149.659	51.325 #
29)	L6 AR-1254-4	7.425	6.510	183412	139714	67.538	96.231 #
30)	L6 AR-1254-5	7.847	6.932	443092	286370	151.511	125.991
31)	L7 AR-1260-1	7.296	6.406	261491	158169	93.182	98.716
32)	L7 AR-1260-2	7.562	6.603	593929	175540	176.550	90.926 #
33)	L7 AR-1260-3	7.921	6.752	137647	138100	56.413	75.274 #
34)	L7 AR-1260-4	8.144	7.230	221851	71708	82.819	47.569 #
35)	L7 AR-1260-5	8.460	7.478	214806	161155	41.825	46.213
36)	L8 AR-1262-1	7.921	6.932	137647	286370	38.423	244.051 #
37)	L8 AR-1262-2	8.460	7.478	214806	161155	35.685	41.311
38)	L8 AR-1262-3	8.750	7.760	145144	40615	35.938	25.237 #
39)	L8 AR-1262-4	8.810	7.822	41530	132724	13.317	44.259 #
40)	L8 AR-1262-5	9.358	8.318	75859	34353	36.610	24.820 #
41)	L9 AR-1268-1	8.750	7.760	145144	40615	20.476	8.871 #

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 Sample : M2589-08
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 ALS Vial : 21 Sample Multiplier: 1

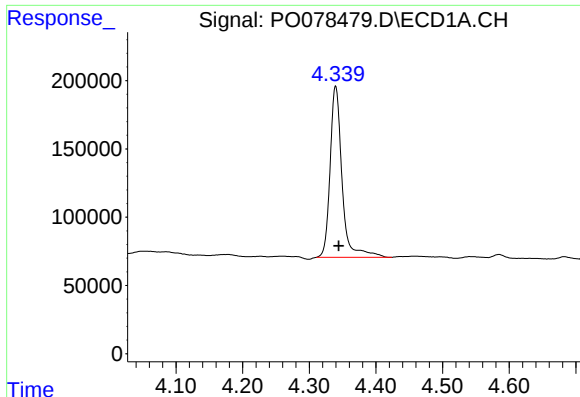
Instrument :
 ECD_O
 ClientSampleId :
 18-B9(2-4)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.810	7.822	41530	132724	6.418	32.078 #
43) L9	AR-1268-3	0.000	8.026	0	9551	N.D.	2.696 #
44) L9	AR-1268-4	9.358	8.318	75859	34353	33.684	22.706 #
45) L9	AR-1268-5	9.687	8.588	43985	23908	2.515	2.270

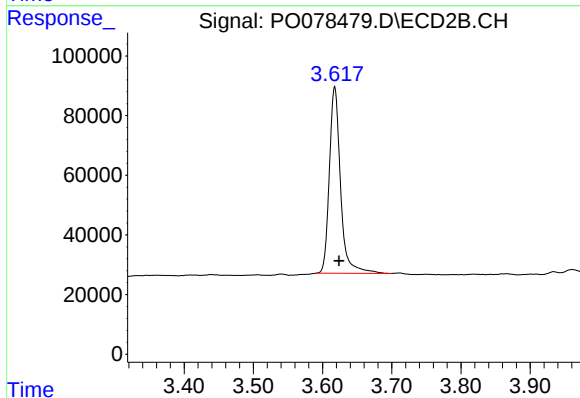
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

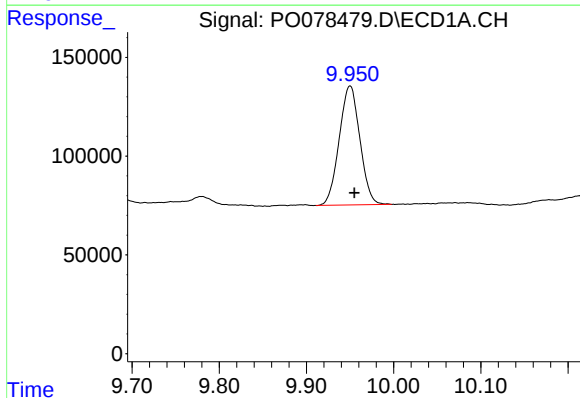
R.T.: 4.340 min
Delta R.T.: -0.004 min
Response: 1564514
Conc: 21.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



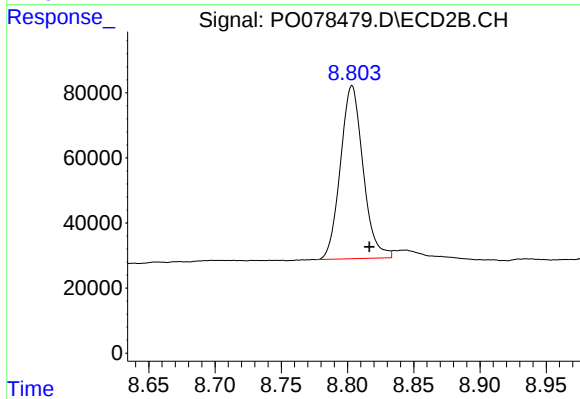
#1 Tetrachloro-m-xylene

R.T.: 3.618 min
Delta R.T.: -0.006 min
Response: 703140
Conc: 23.27 ng/ml



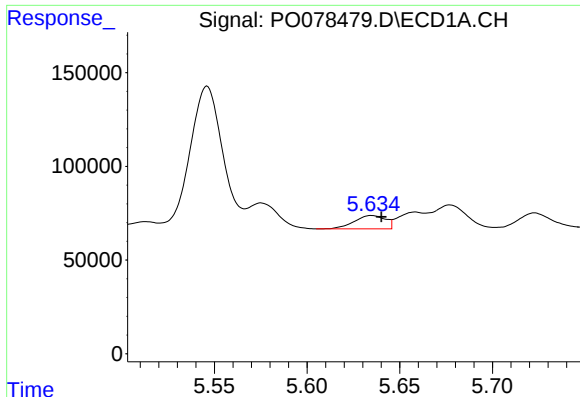
#2 Decachlorobiphenyl

R.T.: 9.950 min
Delta R.T.: -0.005 min
Response: 993713
Conc: 20.10 ng/ml



#2 Decachlorobiphenyl

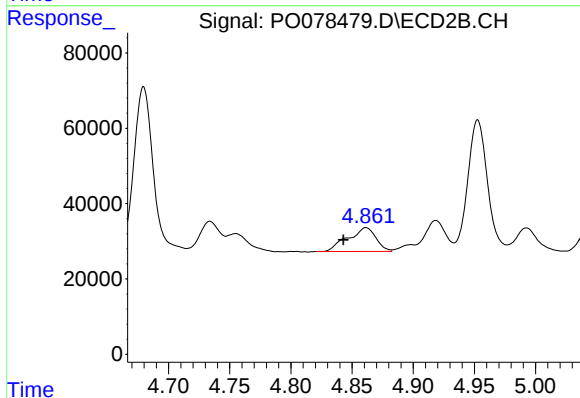
R.T.: 8.803 min
Delta R.T.: -0.013 min
Response: 631795
Conc: 21.73 ng/ml



#3 AR-1016-1

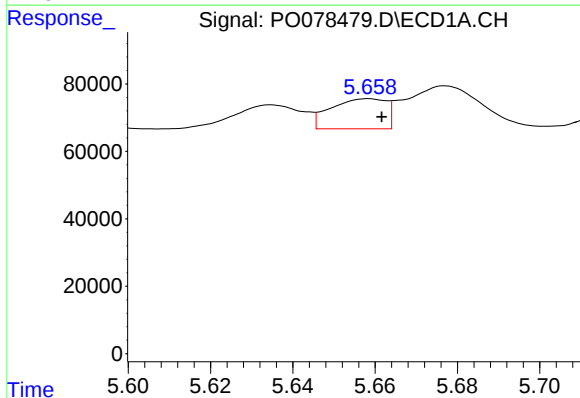
R.T.: 5.635 min
Delta R.T.: -0.005 min
Response: 83015
Conc: 34.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



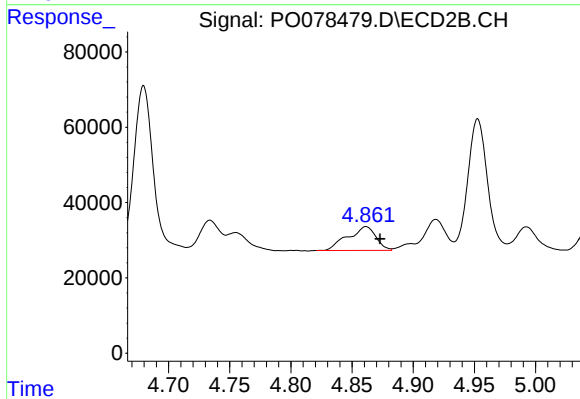
#3 AR-1016-1

R.T.: 4.861 min
Delta R.T.: 0.018 min
Response: 101969
Conc: 93.39 ng/ml



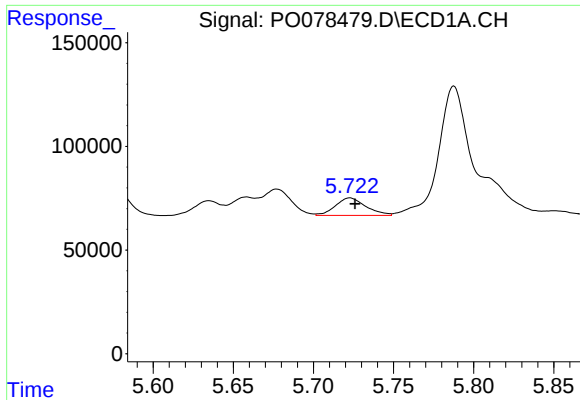
#4 AR-1016-2

R.T.: 5.658 min
Delta R.T.: -0.003 min
Response: 83402
Conc: 23.39 ng/ml



#4 AR-1016-2

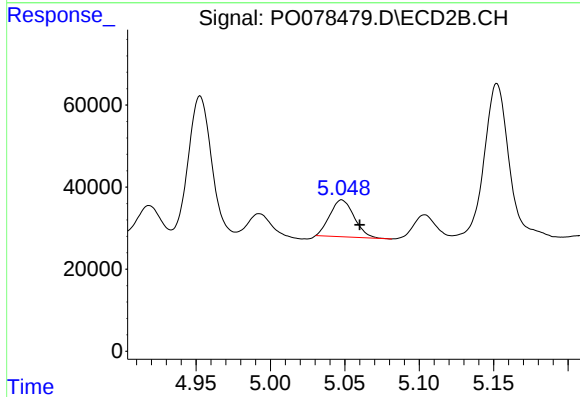
R.T.: 4.861 min
Delta R.T.: -0.012 min
Response: 101969
Conc: 65.59 ng/ml



#5 AR-1016-3

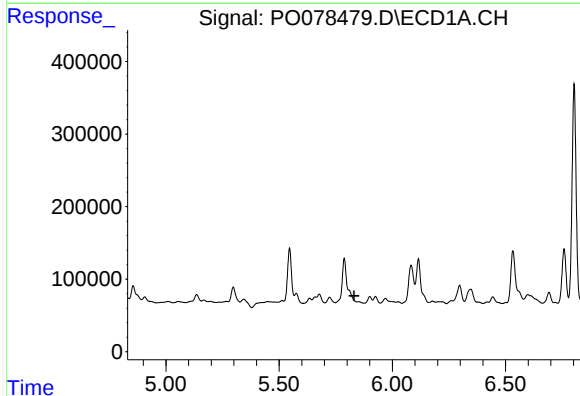
R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 112456
Conc: 50.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



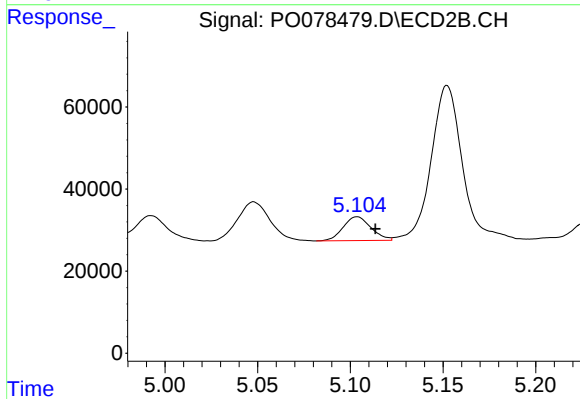
#5 AR-1016-3

R.T.: 5.048 min
Delta R.T.: -0.012 min
Response: 102362
Conc: 125.06 ng/ml



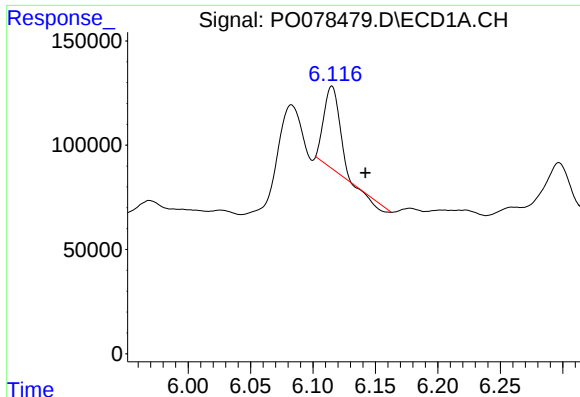
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.831 min
Response: 0
Conc: N.D.



#6 AR-1016-4

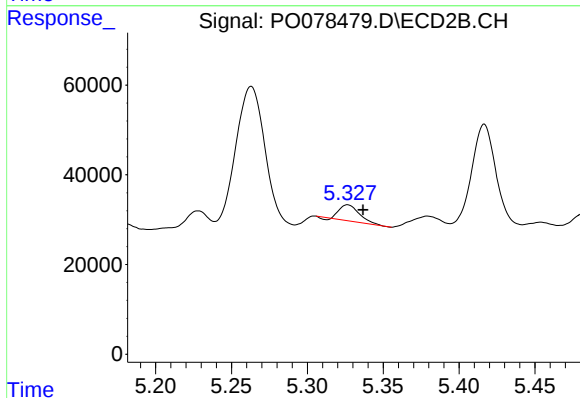
R.T.: 5.104 min
Delta R.T.: -0.010 min
Response: 60807
Conc: 85.49 ng/ml



#7 AR-1016-5

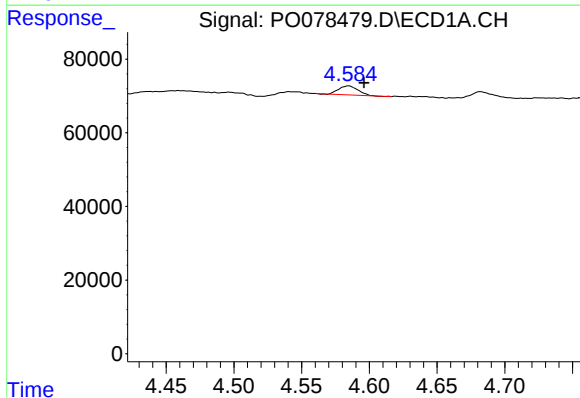
R.T.: 6.115 min
Delta R.T.: -0.027 min
Response: 324908
Conc: 187.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



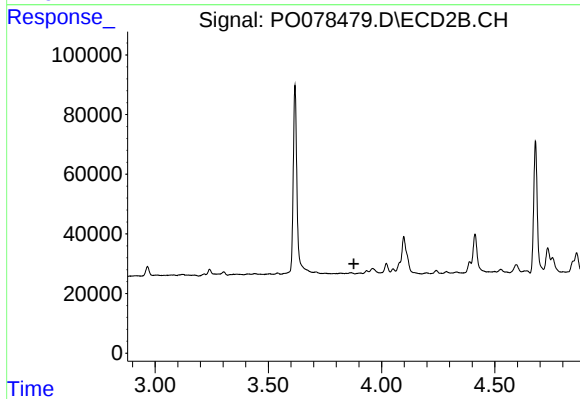
#7 AR-1016-5

R.T.: 5.327 min
Delta R.T.: -0.010 min
Response: 31811
Conc: 36.08 ng/ml



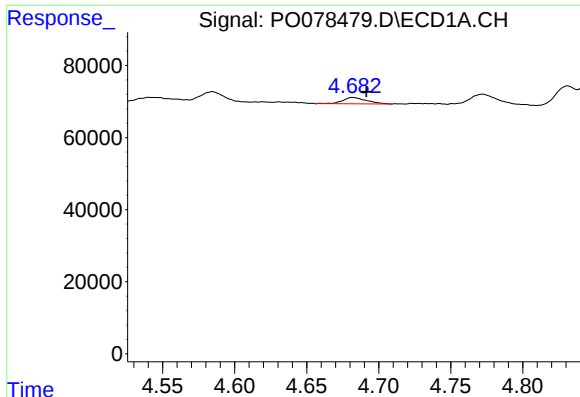
#8 AR-1221-1

R.T.: 4.585 min
Delta R.T.: -0.011 min
Response: 24138
Conc: 29.33 ng/ml



#8 AR-1221-1

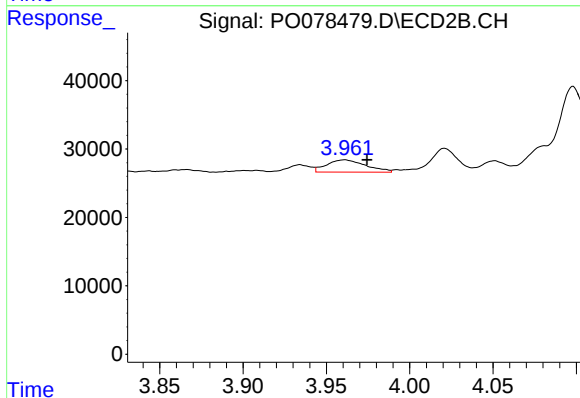
R.T.: 0.000 min
Exp R.T.: 3.878 min
Response: 0
Conc: N.D.



#9 AR-1221-2

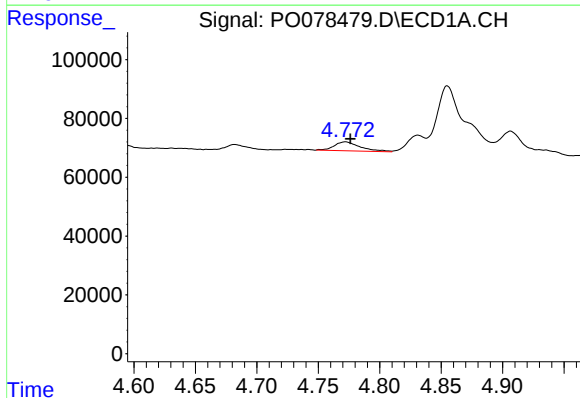
R.T.: 4.682 min
Delta R.T.: -0.010 min
Response: 19926
Conc: 32.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



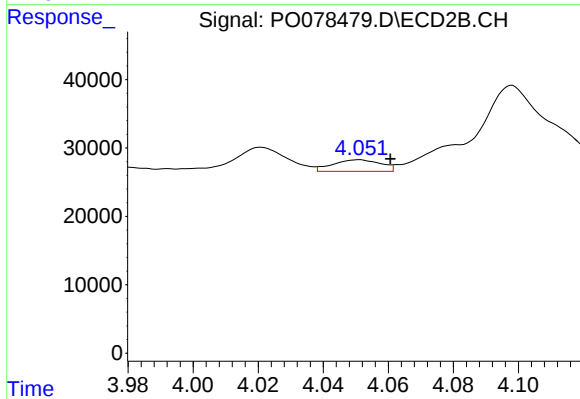
#9 AR-1221-2

R.T.: 3.961 min
Delta R.T.: -0.014 min
Response: 29229
Conc: 106.11 ng/ml



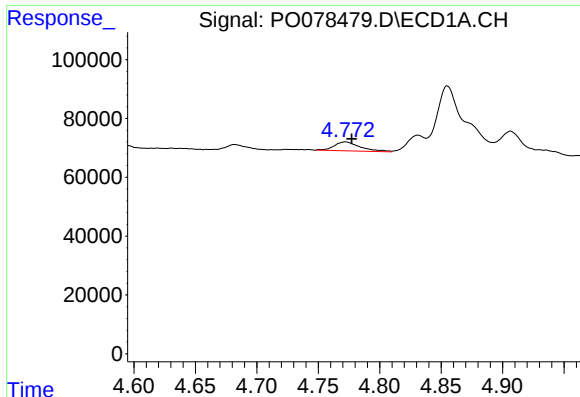
#10 AR-1221-3

R.T.: 4.772 min
Delta R.T.: -0.004 min
Response: 44934
Conc: 22.53 ng/ml



#10 AR-1221-3

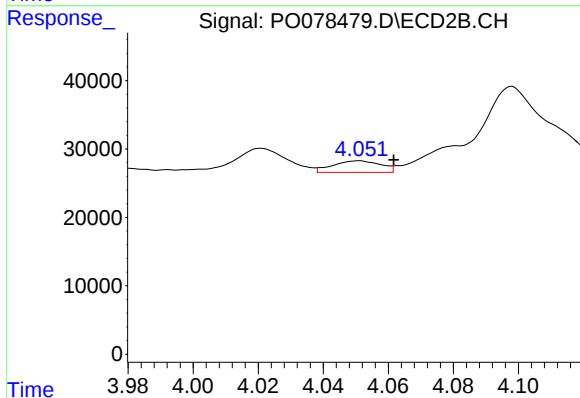
R.T.: 4.051 min
Delta R.T.: -0.010 min
Response: 17179
Conc: 19.26 ng/ml



#11 AR-1232-1

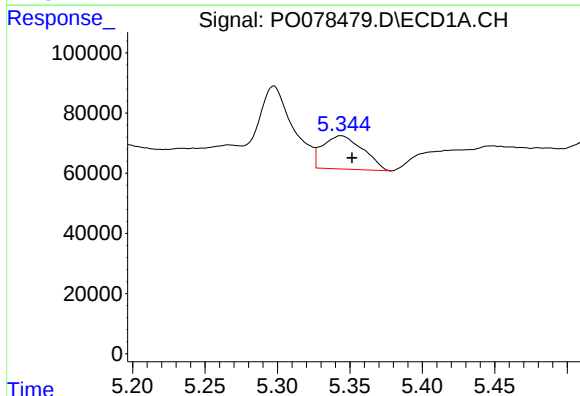
R.T.: 4.772 min
Delta R.T.: -0.005 min
Response: 44934
Conc: 29.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



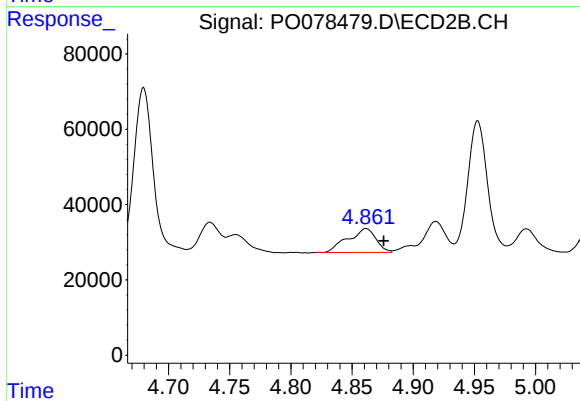
#11 AR-1232-1

R.T.: 4.051 min
Delta R.T.: -0.011 min
Response: 17179
Conc: 24.71 ng/ml



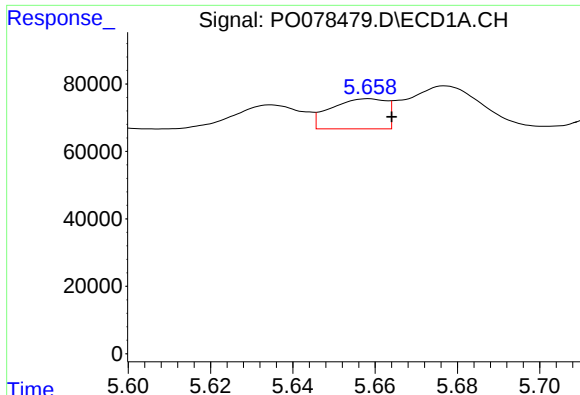
#12 AR-1232-2

R.T.: 5.344 min
Delta R.T.: -0.008 min
Response: 213714
Conc: 271.11 ng/ml



#12 AR-1232-2

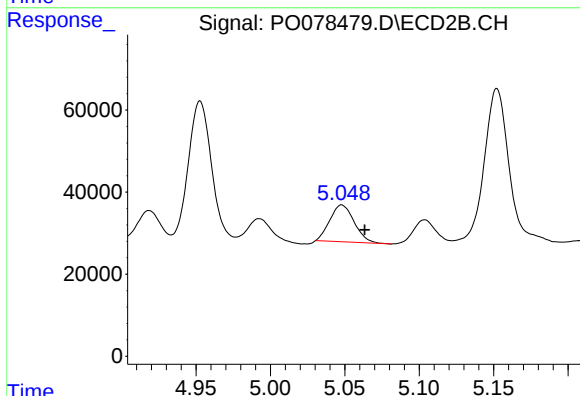
R.T.: 4.861 min
Delta R.T.: -0.014 min
Response: 101969
Conc: 153.28 ng/ml



#13 AR-1232-3

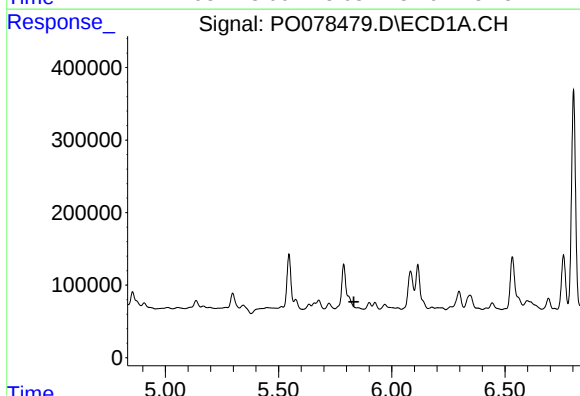
R.T.: 5.658 min
Delta R.T.: -0.006 min
Response: 83402
Conc: 57.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



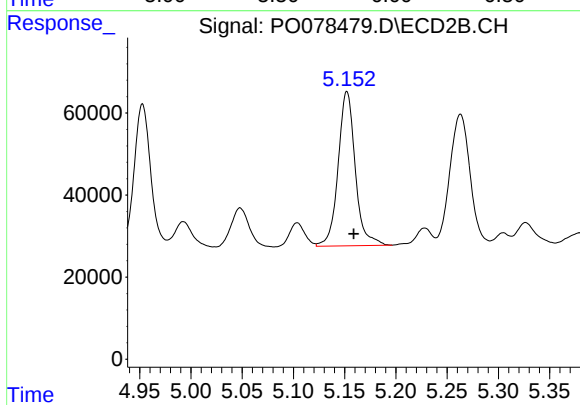
#13 AR-1232-3

R.T.: 5.048 min
Delta R.T.: -0.015 min
Response: 102362
Conc: 301.21 ng/ml



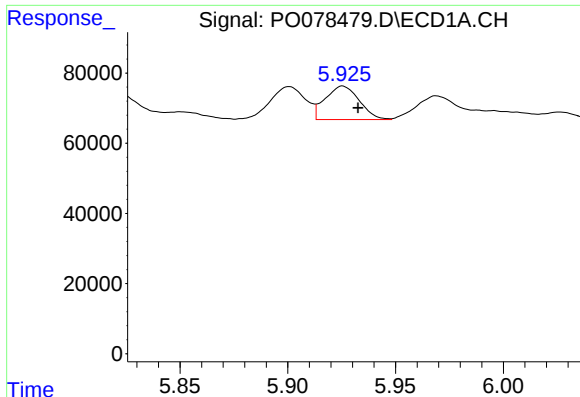
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.833 min
Response: 0
Conc: N.D.



#14 AR-1232-4

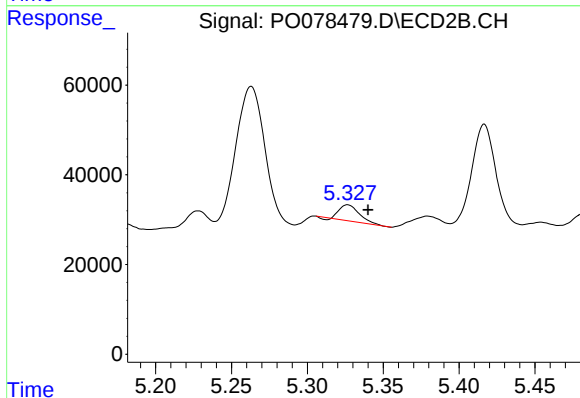
R.T.: 5.152 min
Delta R.T.: -0.007 min
Response: 437028
Conc: 1379.56 ng/ml



#15 AR-1232-5

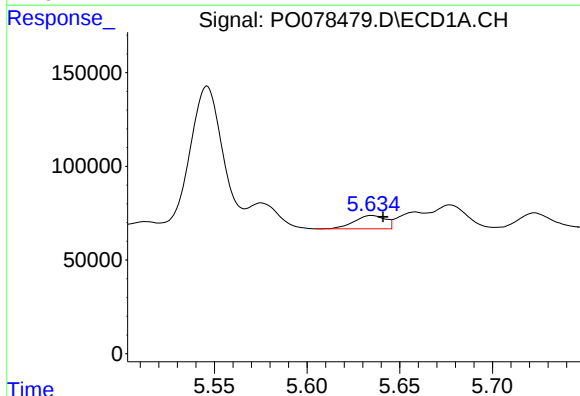
R.T.: 5.926 min
Delta R.T.: -0.007 min
Response: 105607
Conc: 215.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



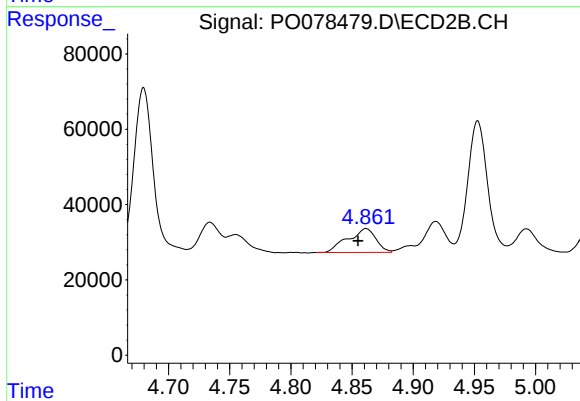
#15 AR-1232-5

R.T.: 5.327 min
Delta R.T.: -0.013 min
Response: 31811
Conc: 91.43 ng/ml



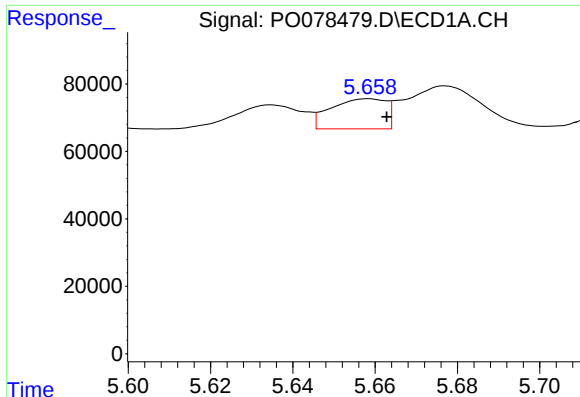
#16 AR-1242-1

R.T.: 5.635 min
Delta R.T.: -0.006 min
Response: 83015
Conc: 45.19 ng/ml



#16 AR-1242-1

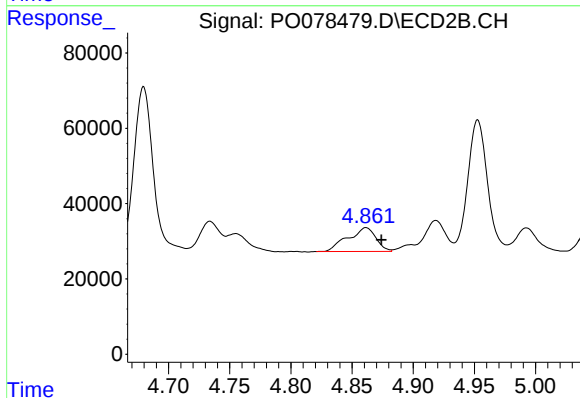
R.T.: 4.861 min
Delta R.T.: 0.006 min
Response: 101969
Conc: 118.72 ng/ml



#17 AR-1242-2

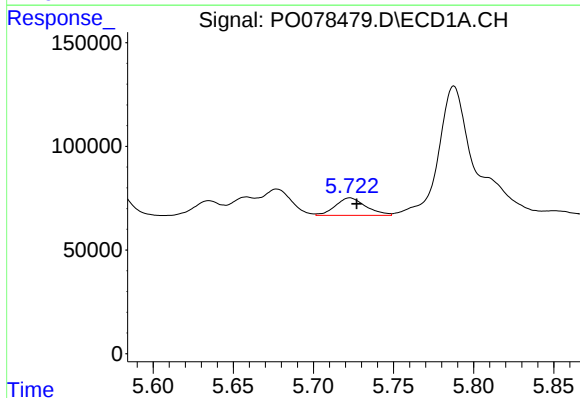
R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 83402
Conc: 30.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



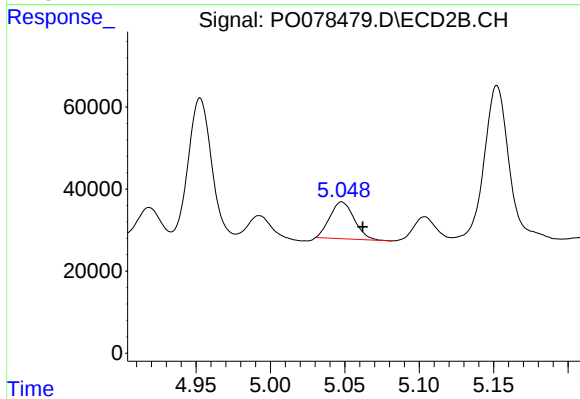
#17 AR-1242-2

R.T.: 4.861 min
Delta R.T.: -0.013 min
Response: 101969
Conc: 84.28 ng/ml



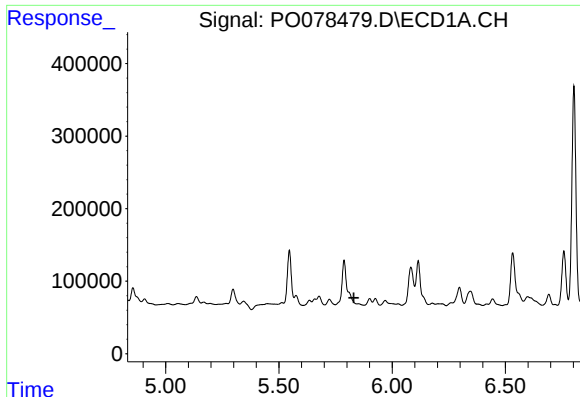
#18 AR-1242-3

R.T.: 5.723 min
Delta R.T.: -0.004 min
Response: 112456
Conc: 64.61 ng/ml



#18 AR-1242-3

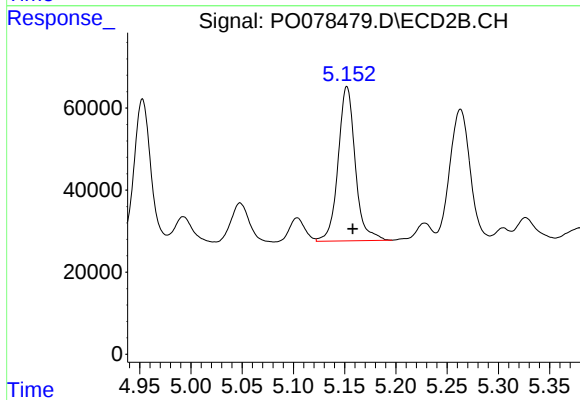
R.T.: 5.048 min
Delta R.T.: -0.014 min
Response: 102362
Conc: 158.88 ng/ml



#19 AR-1242-4

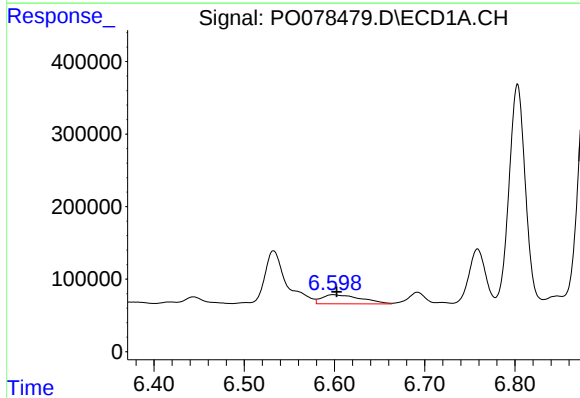
R.T.: 0.000 min
Exp R.T.: 5.831 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



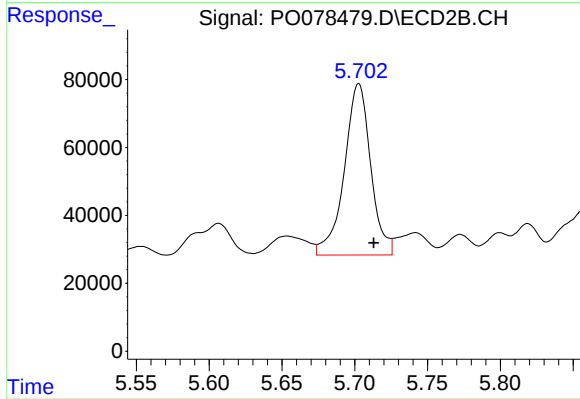
#19 AR-1242-4

R.T.: 5.152 min
Delta R.T.: -0.006 min
Response: 437028
Conc: 646.44 ng/ml



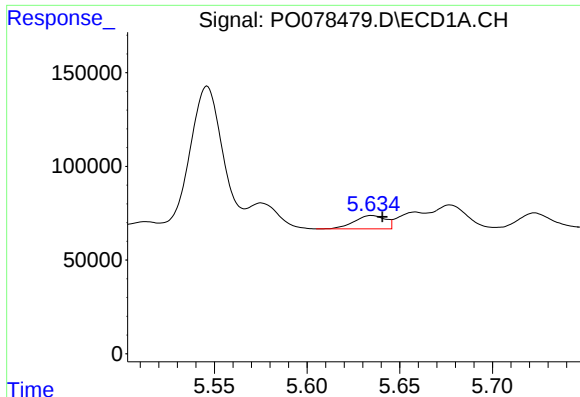
#20 AR-1242-5

R.T.: 6.598 min
Delta R.T.: -0.004 min
Response: 379357
Conc: 283.50 ng/ml



#20 AR-1242-5

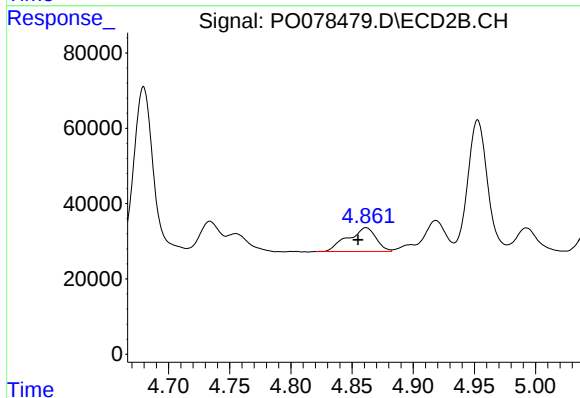
R.T.: 5.703 min
Delta R.T.: -0.010 min
Response: 637217
Conc: 777.09 ng/ml



#21 AR-1248-1

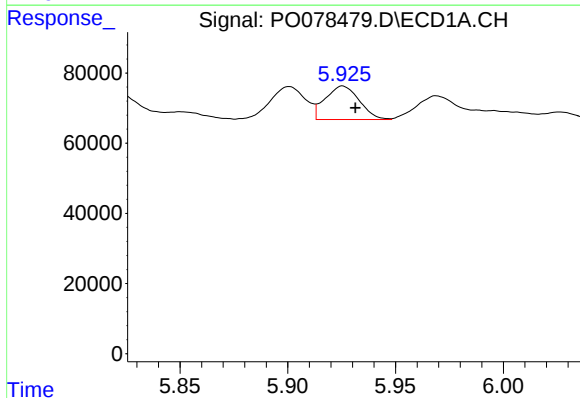
R.T.: 5.635 min
Delta R.T.: -0.006 min
Response: 83015
Conc: 58.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



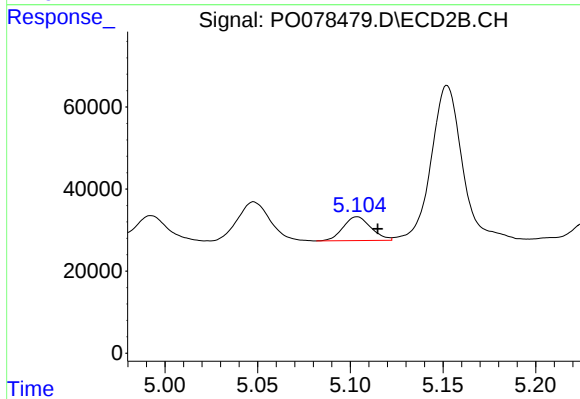
#21 AR-1248-1

R.T.: 4.861 min
Delta R.T.: 0.007 min
Response: 101969
Conc: 158.23 ng/ml



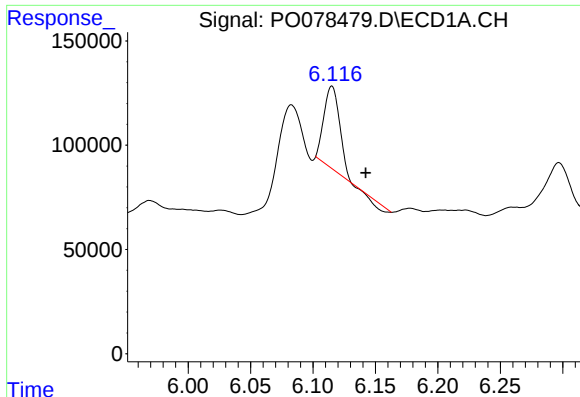
#22 AR-1248-2

R.T.: 5.926 min
Delta R.T.: -0.006 min
Response: 105607
Conc: 55.63 ng/ml



#22 AR-1248-2

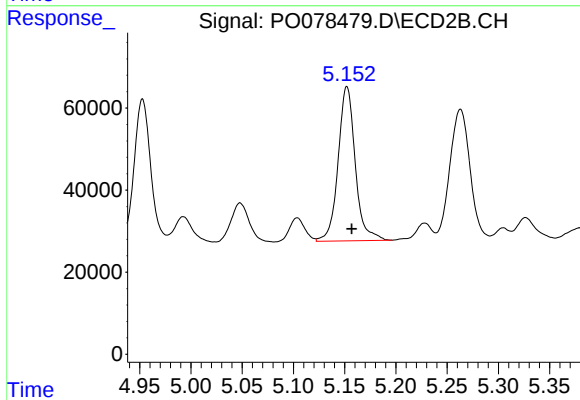
R.T.: 5.104 min
Delta R.T.: -0.011 min
Response: 60807
Conc: 63.61 ng/ml



#23 AR-1248-3

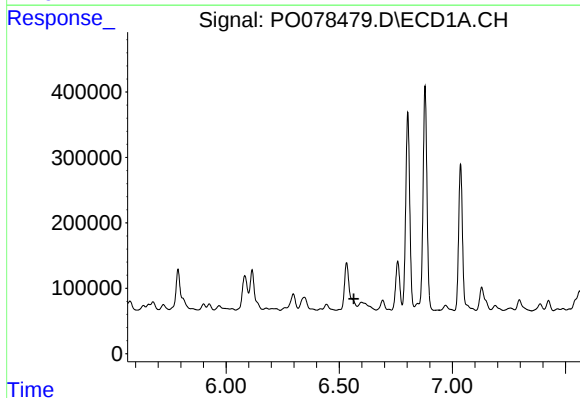
R.T.: 6.115 min
Delta R.T.: -0.027 min
Response: 324908
Conc: 146.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



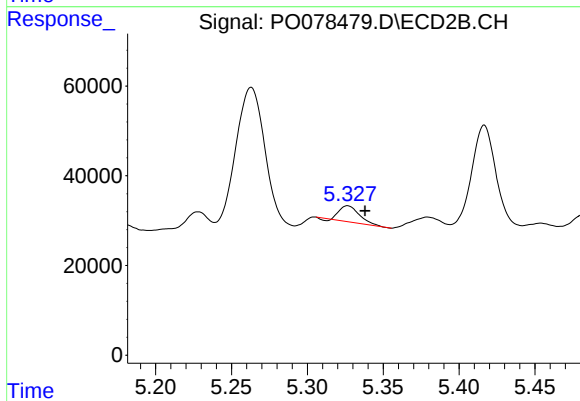
#23 AR-1248-3

R.T.: 5.152 min
Delta R.T.: -0.005 min
Response: 437028
Conc: 454.65 ng/ml



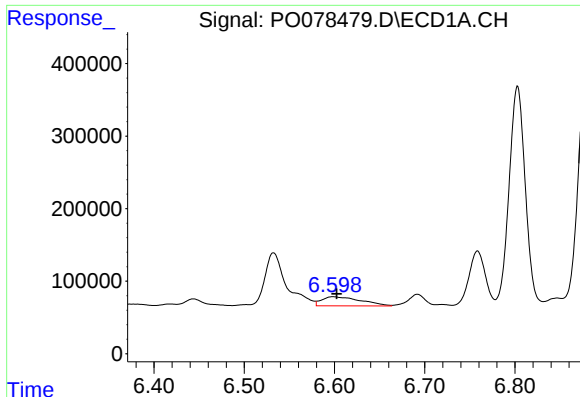
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



#24 AR-1248-4

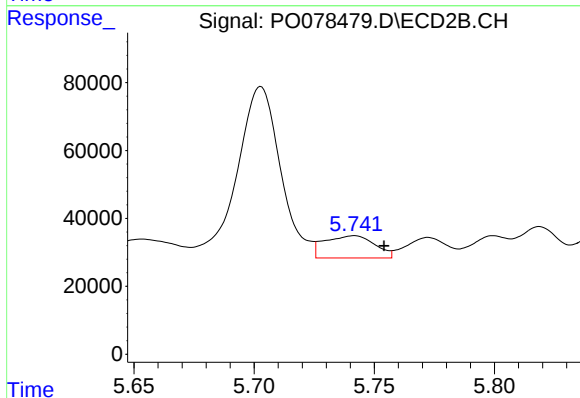
R.T.: 5.327 min
Delta R.T.: -0.011 min
Response: 31811
Conc: 27.78 ng/ml



#25 AR-1248-5

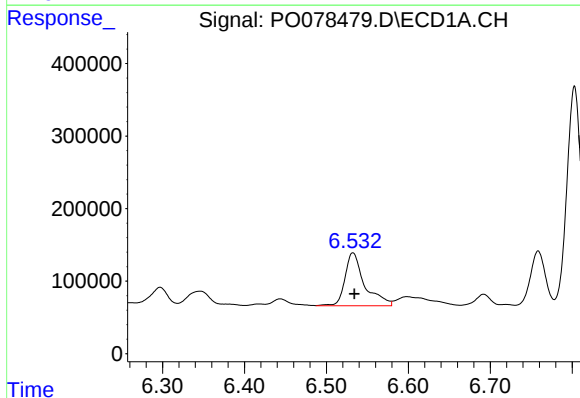
R.T.: 6.598 min
Delta R.T.: -0.004 min
Response: 379357
Conc: 167.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



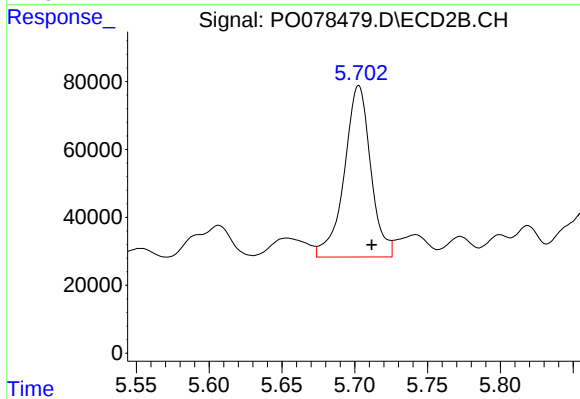
#25 AR-1248-5

R.T.: 5.742 min
Delta R.T.: -0.012 min
Response: 95236
Conc: 90.89 ng/ml



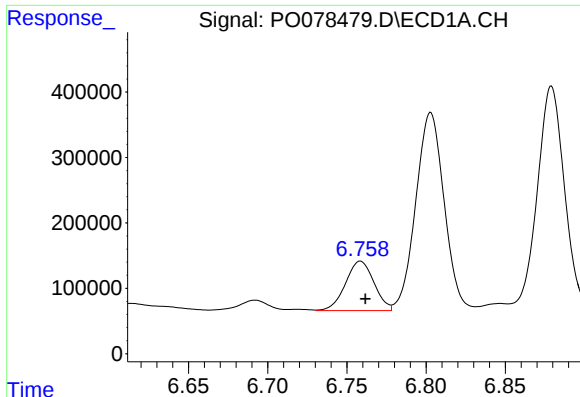
#26 AR-1254-1

R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 1216097
Conc: 489.97 ng/ml



#26 AR-1254-1

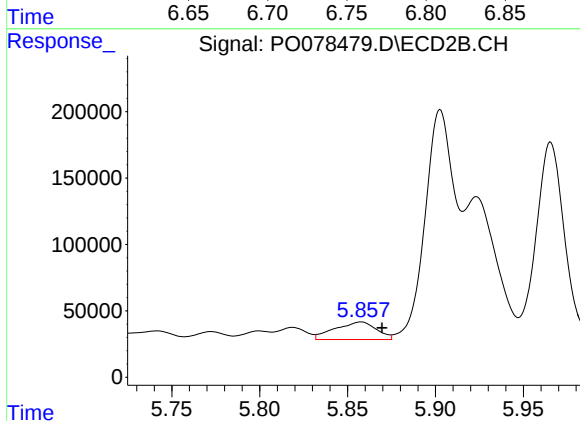
R.T.: 5.703 min
Delta R.T.: -0.009 min
Response: 637217
Conc: 369.49 ng/ml



#27 AR-1254-2

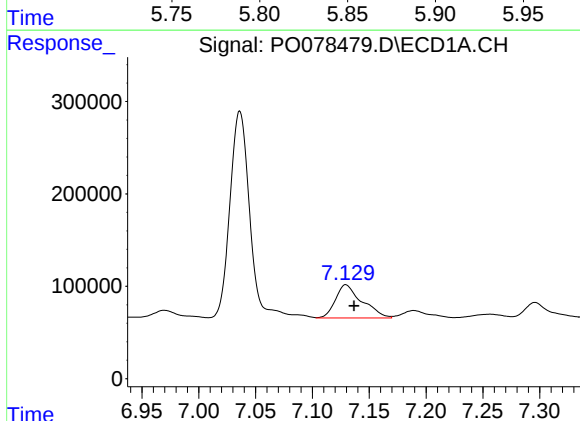
R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 950107
Conc: 244.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



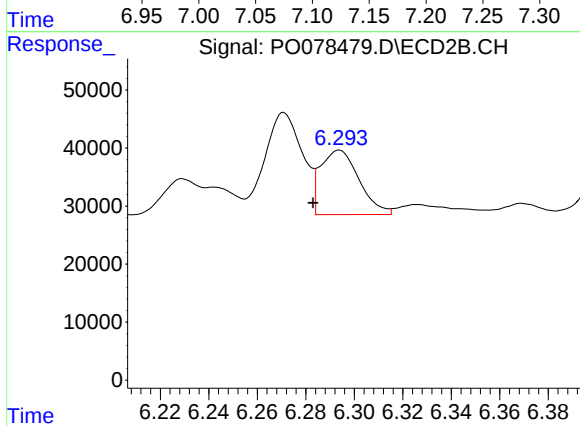
#27 AR-1254-2

R.T.: 5.858 min
Delta R.T.: -0.012 min
Response: 218645
Conc: 136.40 ng/ml



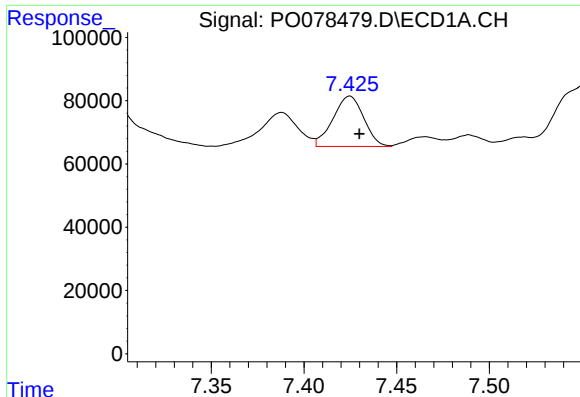
#28 AR-1254-3

R.T.: 7.129 min
Delta R.T.: -0.007 min
Response: 587163
Conc: 149.66 ng/ml



#28 AR-1254-3

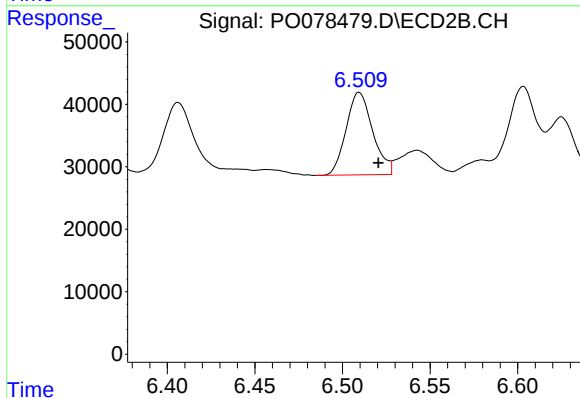
R.T.: 6.294 min
Delta R.T.: 0.011 min
Response: 122500
Conc: 51.33 ng/ml



#29 AR-1254-4

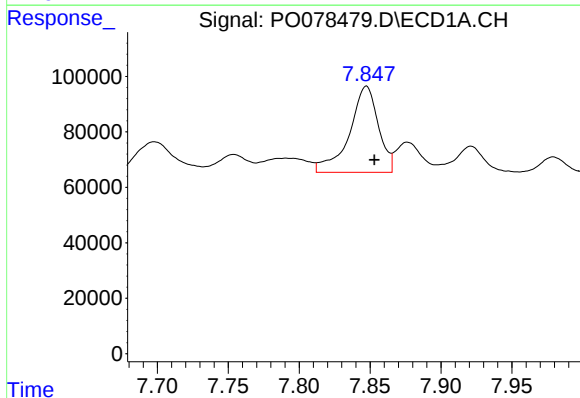
R.T.: 7.425 min
Delta R.T.: -0.005 min
Response: 183412
Conc: 67.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



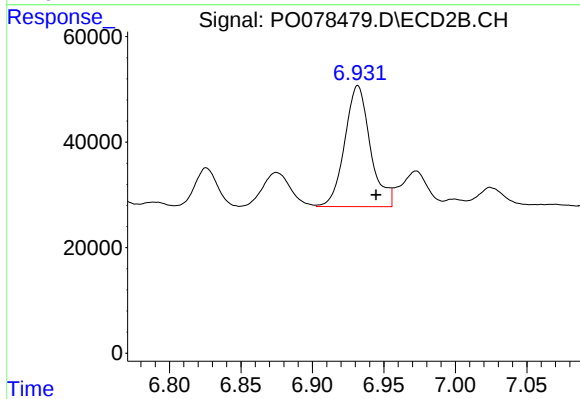
#29 AR-1254-4

R.T.: 6.510 min
Delta R.T.: -0.011 min
Response: 139714
Conc: 96.23 ng/ml



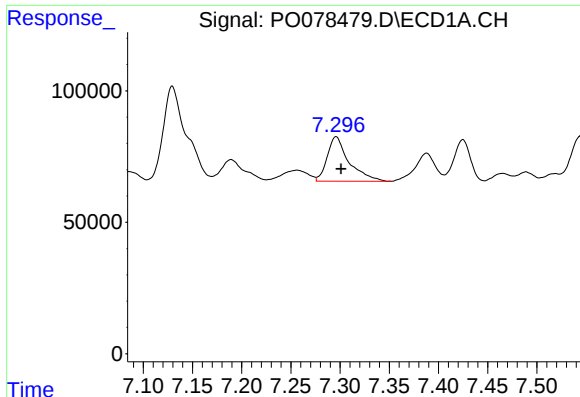
#30 AR-1254-5

R.T.: 7.847 min
Delta R.T.: -0.006 min
Response: 443092
Conc: 151.51 ng/ml



#30 AR-1254-5

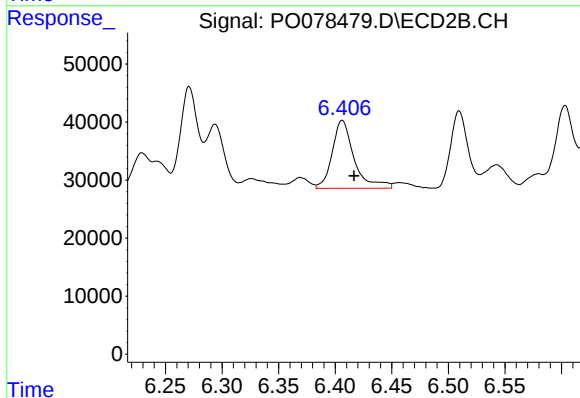
R.T.: 6.932 min
Delta R.T.: -0.013 min
Response: 286370
Conc: 125.99 ng/ml



#31 AR-1260-1

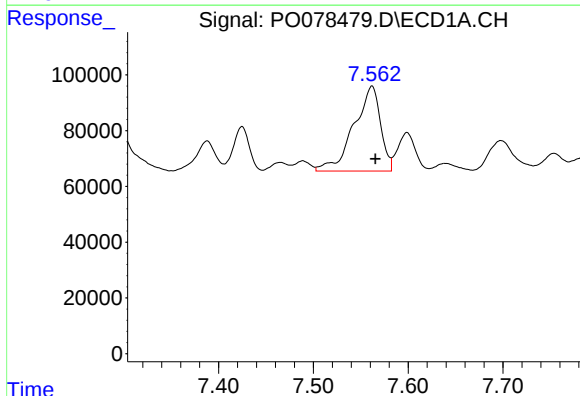
R.T.: 7.296 min
Delta R.T.: -0.005 min
Response: 261491
Conc: 93.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



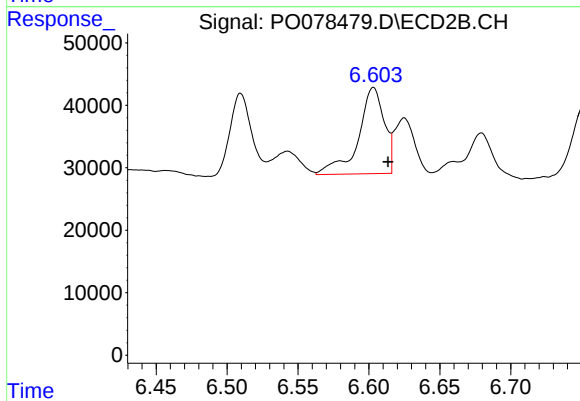
#31 AR-1260-1

R.T.: 6.406 min
Delta R.T.: -0.010 min
Response: 158169
Conc: 98.72 ng/ml



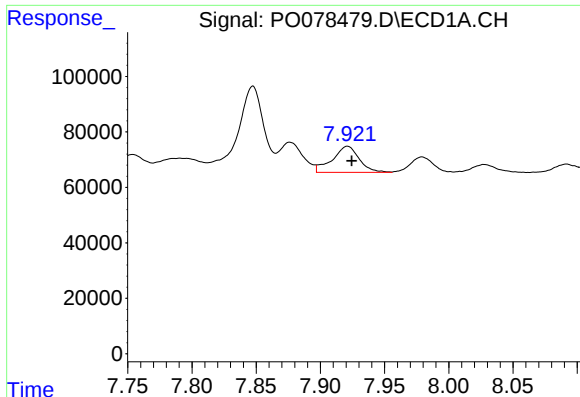
#32 AR-1260-2

R.T.: 7.562 min
Delta R.T.: -0.004 min
Response: 593929
Conc: 176.55 ng/ml



#32 AR-1260-2

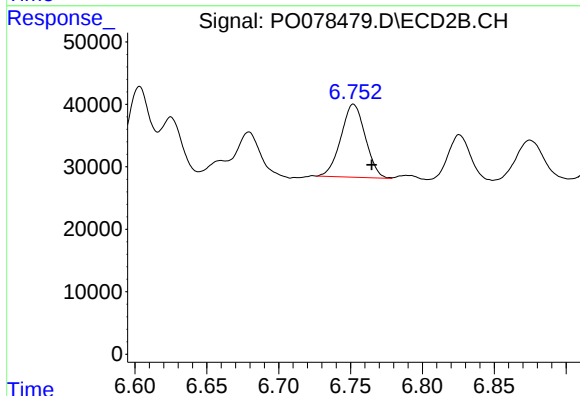
R.T.: 6.603 min
Delta R.T.: -0.010 min
Response: 175540
Conc: 90.93 ng/ml



#33 AR-1260-3

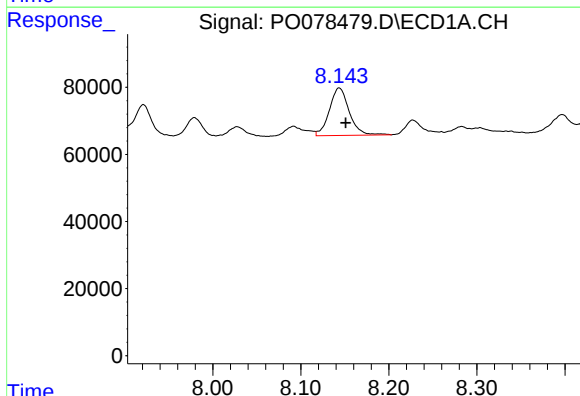
R.T.: 7.921 min
Delta R.T.: -0.003 min
Response: 137647
Conc: 56.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



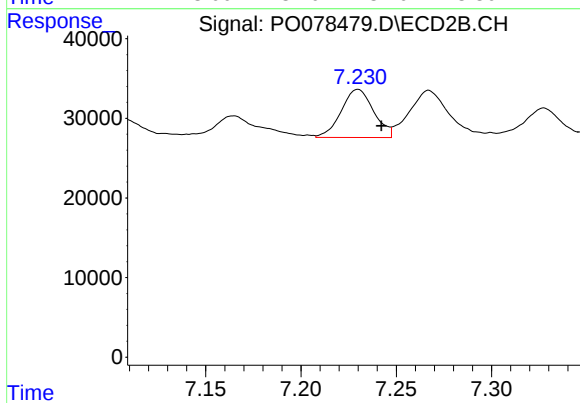
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.013 min
Response: 138100
Conc: 75.27 ng/ml



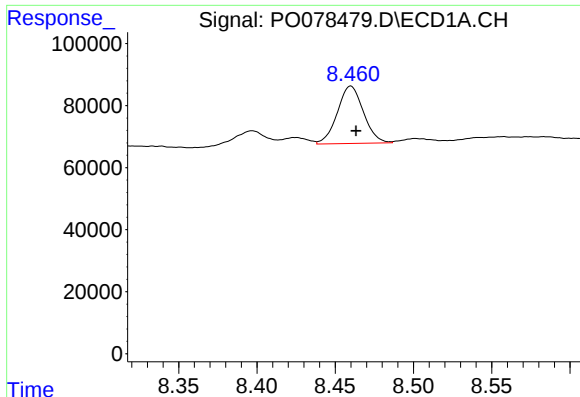
#34 AR-1260-4

R.T.: 8.144 min
Delta R.T.: -0.007 min
Response: 221851
Conc: 82.82 ng/ml



#34 AR-1260-4

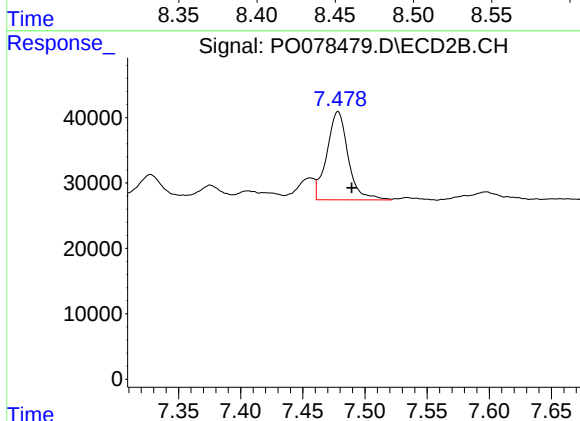
R.T.: 7.230 min
Delta R.T.: -0.012 min
Response: 71708
Conc: 47.57 ng/ml



#35 AR-1260-5

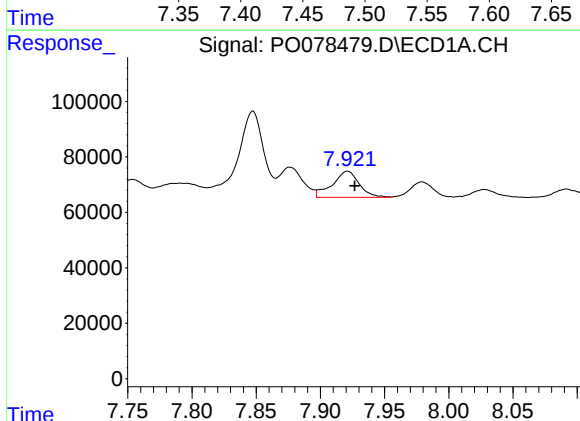
R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 214806
Conc: 41.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



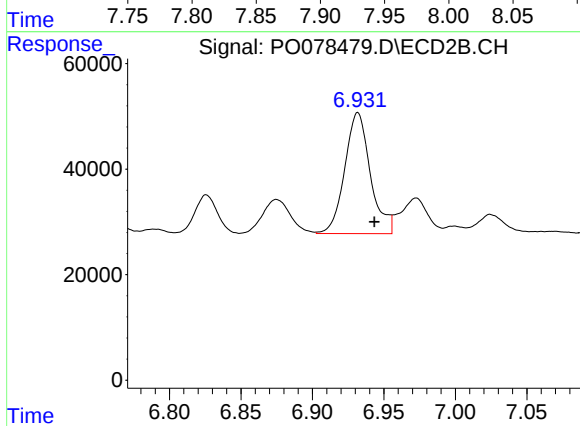
#35 AR-1260-5

R.T.: 7.478 min
Delta R.T.: -0.011 min
Response: 161155
Conc: 46.21 ng/ml



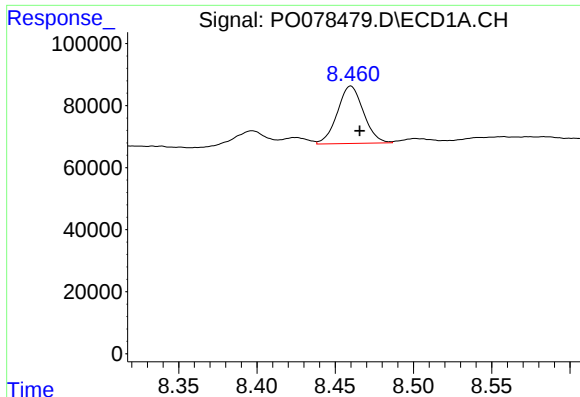
#36 AR-1262-1

R.T.: 7.921 min
Delta R.T.: -0.006 min
Response: 137647
Conc: 38.42 ng/ml



#36 AR-1262-1

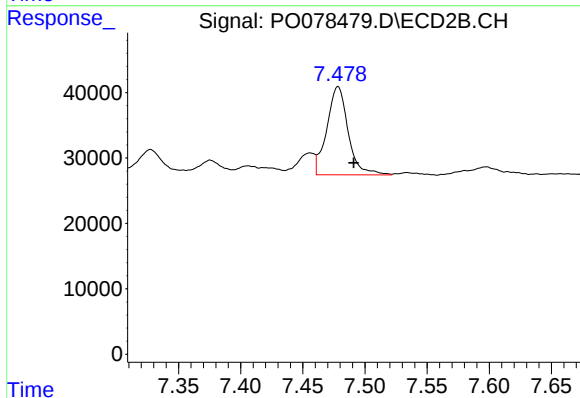
R.T.: 6.932 min
Delta R.T.: -0.012 min
Response: 286370
Conc: 244.05 ng/ml



#37 AR-1262-2

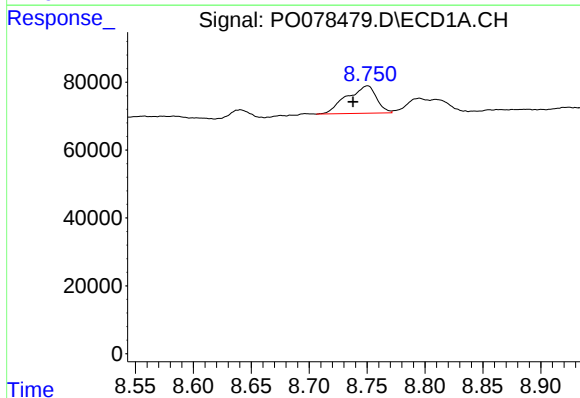
R.T.: 8.460 min
Delta R.T.: -0.006 min
Response: 214806
Conc: 35.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



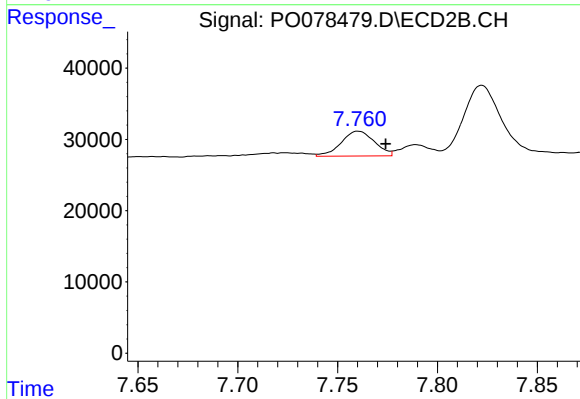
#37 AR-1262-2

R.T.: 7.478 min
Delta R.T.: -0.013 min
Response: 161155
Conc: 41.31 ng/ml



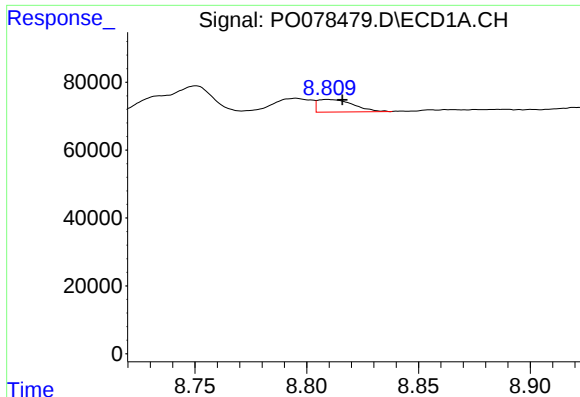
#38 AR-1262-3

R.T.: 8.750 min
Delta R.T.: 0.012 min
Response: 145144
Conc: 35.94 ng/ml



#38 AR-1262-3

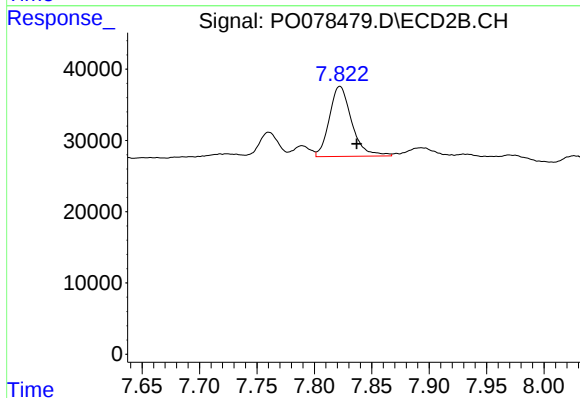
R.T.: 7.760 min
Delta R.T.: -0.014 min
Response: 40615
Conc: 25.24 ng/ml



#39 AR-1262-4

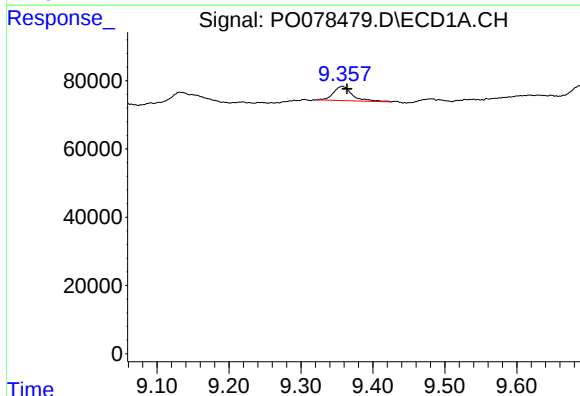
R.T.: 8.810 min
Delta R.T.: -0.006 min
Response: 41530
Conc: 13.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



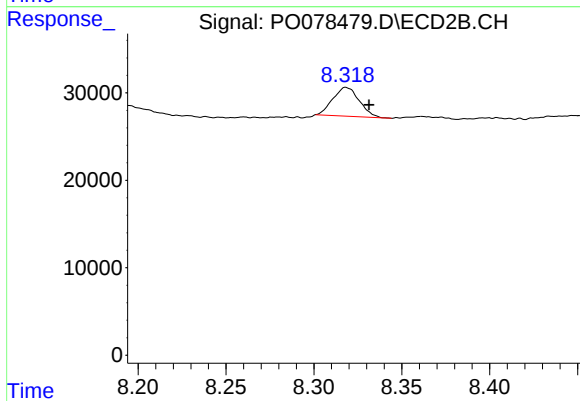
#39 AR-1262-4

R.T.: 7.822 min
Delta R.T.: -0.015 min
Response: 132724
Conc: 44.26 ng/ml



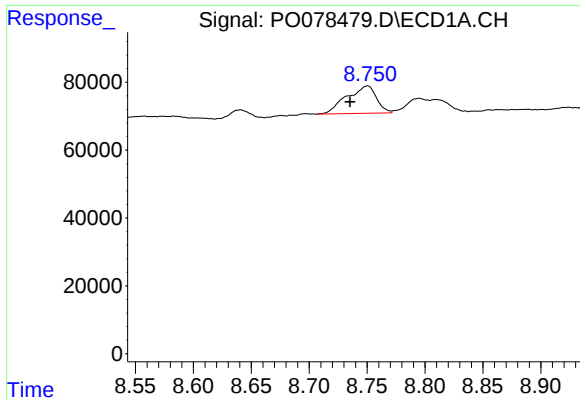
#40 AR-1262-5

R.T.: 9.358 min
Delta R.T.: -0.006 min
Response: 75859
Conc: 36.61 ng/ml



#40 AR-1262-5

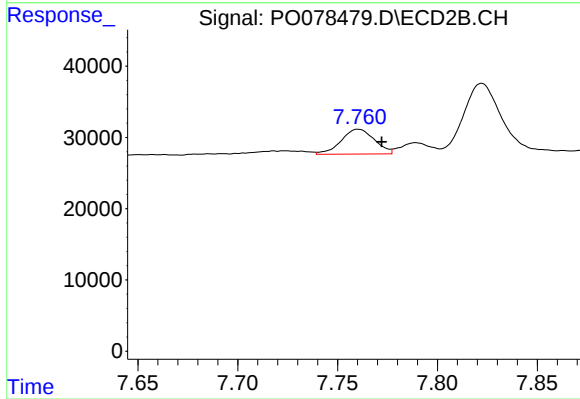
R.T.: 8.318 min
Delta R.T.: -0.013 min
Response: 34353
Conc: 24.82 ng/ml



#41 AR-1268-1

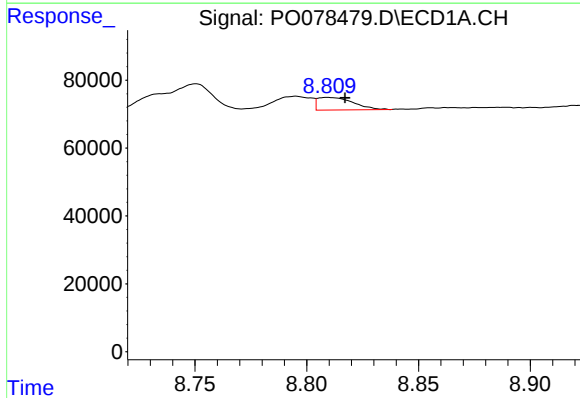
R.T.: 8.750 min
Delta R.T.: 0.015 min
Response: 145144
Conc: 20.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



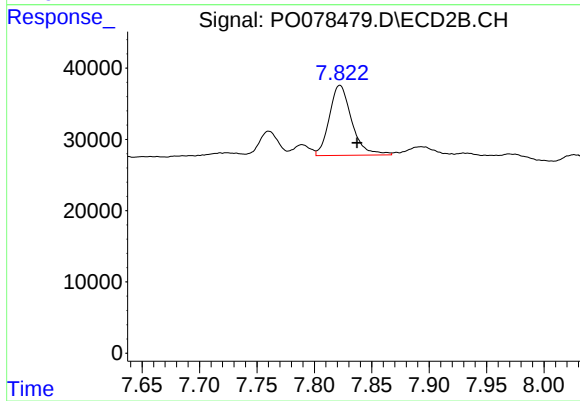
#41 AR-1268-1

R.T.: 7.760 min
Delta R.T.: -0.012 min
Response: 40615
Conc: 8.87 ng/ml



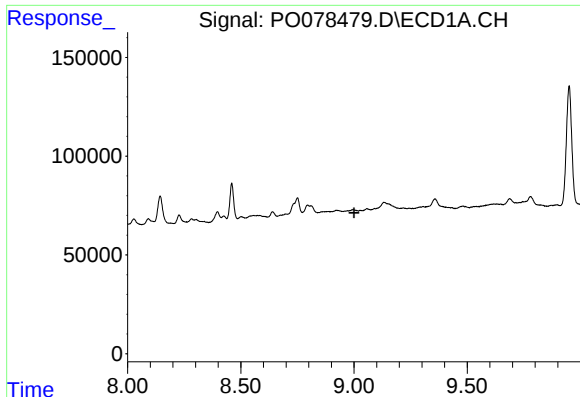
#42 AR-1268-2

R.T.: 8.810 min
Delta R.T.: -0.007 min
Response: 41530
Conc: 6.42 ng/ml



#42 AR-1268-2

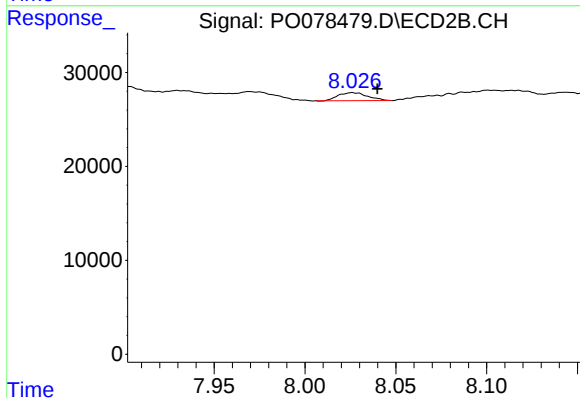
R.T.: 7.822 min
Delta R.T.: -0.015 min
Response: 132724
Conc: 32.08 ng/ml



#43 AR-1268-3

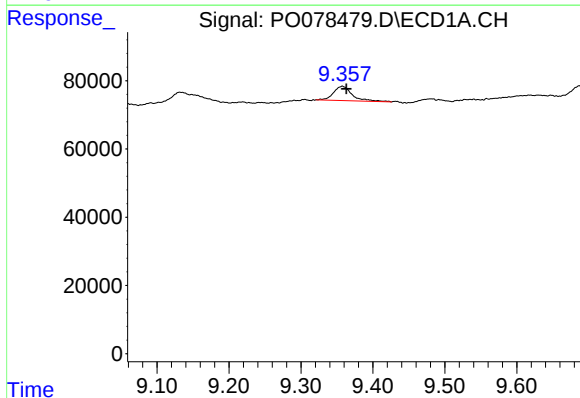
R.T.: 0.000 min
Exp R.T.: 9.000 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



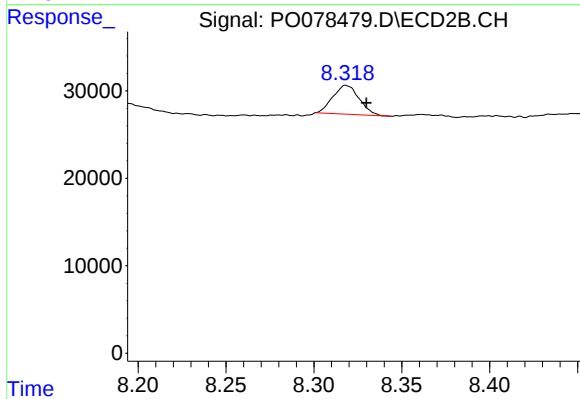
#43 AR-1268-3

R.T.: 8.026 min
Delta R.T.: -0.013 min
Response: 9551
Conc: 2.70 ng/ml



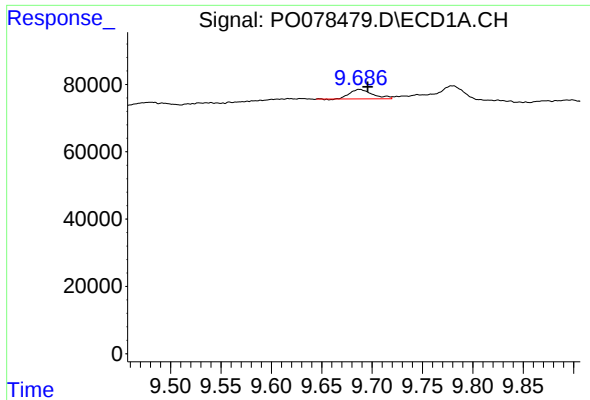
#44 AR-1268-4

R.T.: 9.358 min
Delta R.T.: -0.006 min
Response: 75859
Conc: 33.68 ng/ml



#44 AR-1268-4

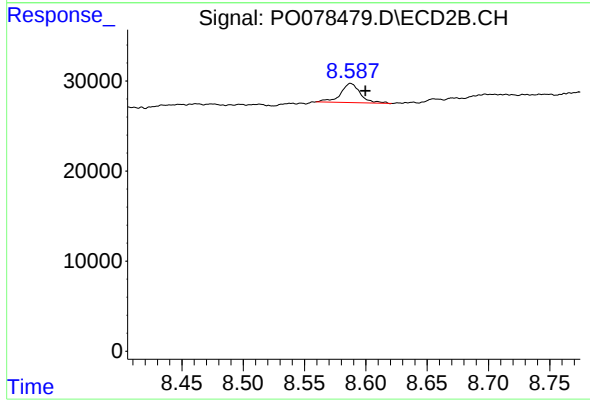
R.T.: 8.318 min
Delta R.T.: -0.011 min
Response: 34353
Conc: 22.71 ng/ml



#45 AR-1268-5

R.T.: 9.687 min
Delta R.T.: -0.008 min
Response: 43985
Conc: 2.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
18-B9(2-4)



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: -0.012 min
Response: 23908
Conc: 2.27 ng/ml