

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
 Data File : PO062187.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Oct 2019 2:33
 Operator : HP/AJ
 Sample : K5430-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 445X-23A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 03:20:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 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...	4.321	3.481	1445787	1001362	23.377	23.352
2)	SA Decachlor...	9.949	8.331	1281696	644247	22.907	21.957
Target Compounds							
3)	L1 AR-1016-1	5.482	4.526	114095	75612	48.209	48.341
4)	L1 AR-1016-2	5.504	4.550	265655	192078	77.991	82.582
5)	L1 AR-1016-3	5.601	4.715	701958	2462304	339.205	1992.059 #
6)	L1 AR-1016-4	5.638	4.759	3483345	94768	2055.187	96.437 #
8)	L2 AR-1221-1	4.599	3.736	68613	54798	98.600	107.773
9)	L2 AR-1221-2	4.599	3.736	68613	54798	131.568	142.612
10)	L2 AR-1221-3	0.000	3.897	0	140569	N.D.	119.451 #
11)	L3 AR-1232-1	0.000	3.897	0	140569	N.D.	90.718 #
12)	L3 AR-1232-2	5.194	4.550	116111	192078	97.318	111.255
13)	L3 AR-1232-3	5.504	4.715	265655	2462304	103.843	2693.894 #
14)	L3 AR-1232-4	5.638	4.816	3483345	1306168	2709.773	1605.571 #
15)	L3 AR-1232-5	5.763	4.967	1893196	-882492	1912.855	N.D. #
16)	L4 AR-1242-1	5.482	4.526	114095	75612	61.573	62.871
17)	L4 AR-1242-2	5.504	4.550	265655	192078	100.145	107.833
18)	L4 AR-1242-3	5.601	4.715	701958	2462304	429.825	2586.367 #
19)	L4 AR-1242-4	5.638	4.816	3483345	1306168	2580.333	1383.599 #
20)	L4 AR-1242-5	6.420	5.308	5565214	9909194	3641.116	8304.203 #
21)	L5 AR-1248-1	5.482	4.526	114095	75612	79.606	77.017
22)	L5 AR-1248-2	5.763	4.759	1893196	94768	945.583	74.804 #
23)	L5 AR-1248-3	5.966	4.816	87968	1306168	39.830	983.966 #
24)	L5 AR-1248-4	6.365	4.967	10157076	-882492	3975.895	N.D. #
25)	L5 AR-1248-5	6.420	5.346	5565214	1432122	2276.030	930.554 #
26)	L6 AR-1254-1	6.342	5.308	13162748	9909194	4937.967	4051.521
27)	L6 AR-1254-2	6.557	5.443	21081730	1239359	5156.373	585.192 #
28)	L6 AR-1254-3	6.922	5.833	11114673	670588	2656.414	205.818 #
29)	L6 AR-1254-4	7.196	6.076	1922780	1273893	638.092	659.562
30)	L6 AR-1254-5	7.616	6.470	2547516	1275560	812.891	482.948 #
31)	L7 AR-1260-1	7.080	5.969	1435561	471526	504.214	221.922 #
32)	L7 AR-1260-2	7.326	6.139	28145636	1368179	8204.401	539.157 #
33)	L7 AR-1260-3	7.669	6.301	5064936	709288	1914.101	314.108 #
34)	L7 AR-1260-4	7.923	6.764	905929	683323	323.888	389.170
35)	L7 AR-1260-5	8.223	7.002	710744	379528	135.752	105.353
36)	L8 AR-1262-1	7.669	6.569	5064936	3275287	1233.881	2748.264 #
37)	L8 AR-1262-2	8.223	7.002	710744	379528	110.226	90.325
38)	L8 AR-1262-3	8.545	7.281	603699	-33842	137.286	N.D. #
39)	L8 AR-1262-4	8.671	7.341	198035	184491	57.319	60.348
40)	L8 AR-1262-5	9.241	7.833	163671	58803	72.463	45.025 #
41)	L9 AR-1268-1	8.545	7.281	603699	-33842	79.749	N.D. #
42)	L9 AR-1268-2	8.671	7.341	198035	184491	28.191	44.160 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
 Data File : P0062187.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Oct 2019 2:33
 Operator : HP/AJ
 Sample : K5430-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

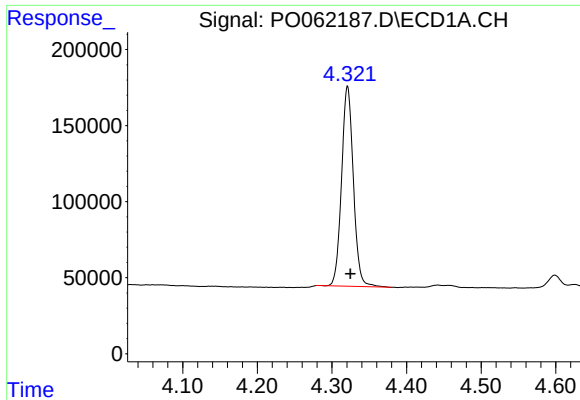
Instrument :
 ECD_O
 ClientSampleId :
 445X-23A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 03:20:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 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
43) L9	AR-1268-3	0.000	7.541	0	65771	N.D.	18.876 #
44) L9	AR-1268-4	9.241	7.833	163671	58803	68.885	41.269 #
45) L9	AR-1268-5	9.633	0.000	82070	0	4.553	N.D. #

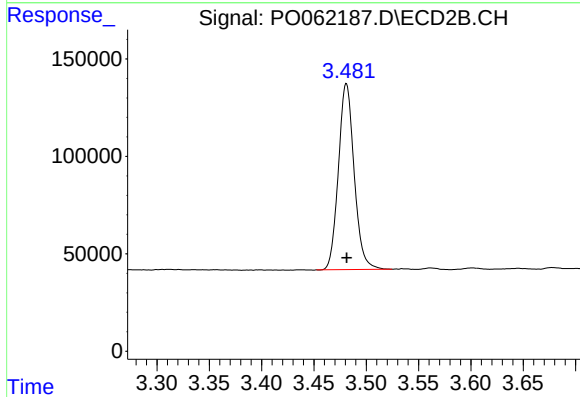
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

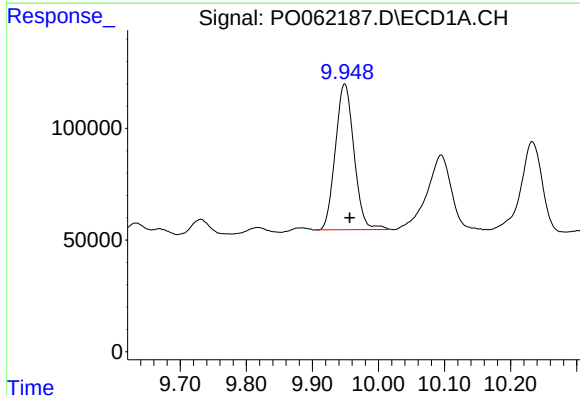
R.T.: 4.321 min
Delta R.T.: -0.004 min
Response: 1445787
Conc: 23.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



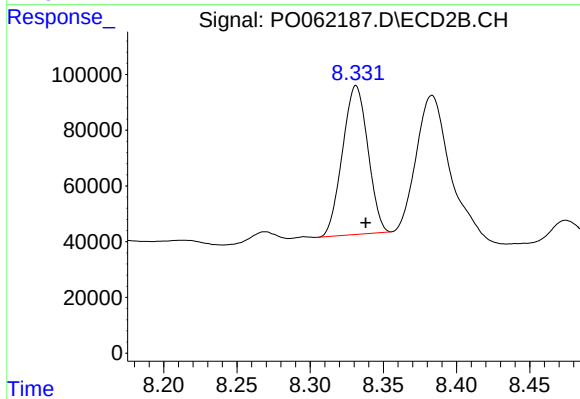
#1 Tetrachloro-m-xylene

R.T.: 3.481 min
Delta R.T.: 0.000 min
Response: 1001362
Conc: 23.35 ng/ml



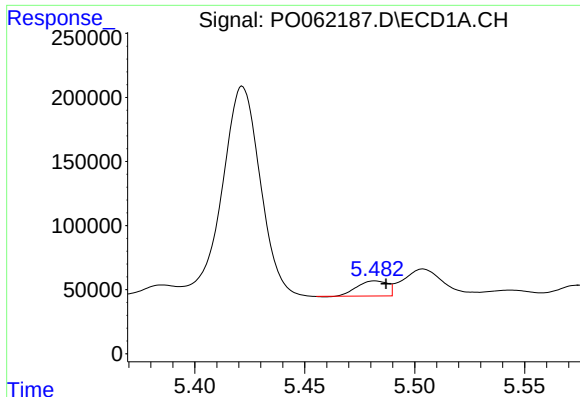
#2 Decachlorobiphenyl

R.T.: 9.949 min
Delta R.T.: -0.008 min
Response: 1281696
Conc: 22.91 ng/ml



#2 Decachlorobiphenyl

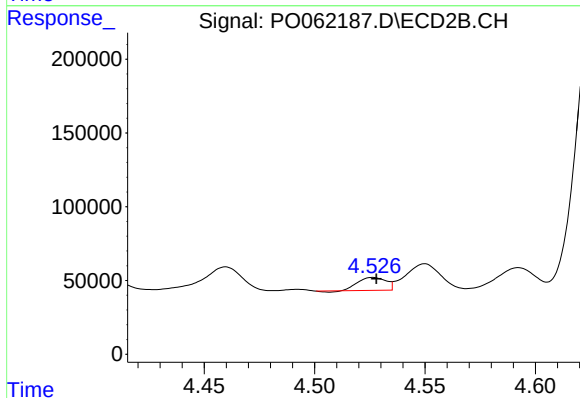
R.T.: 8.331 min
Delta R.T.: -0.007 min
Response: 644247
Conc: 21.96 ng/ml



#3 AR-1016-1

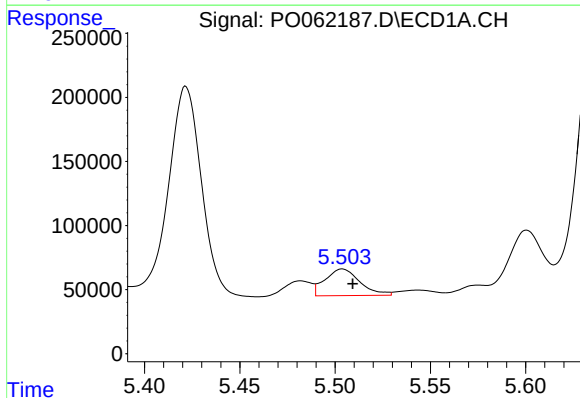
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 114095
Conc: 48.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



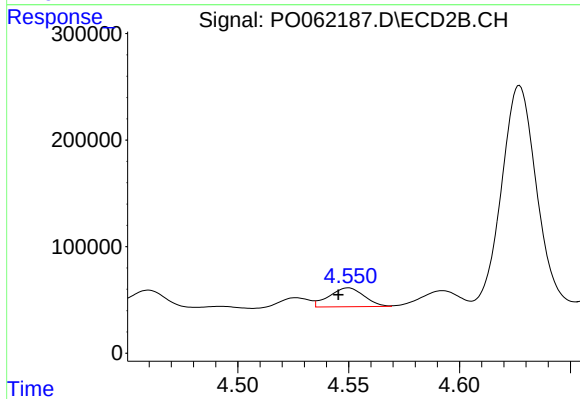
#3 AR-1016-1

R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 75612
Conc: 48.34 ng/ml



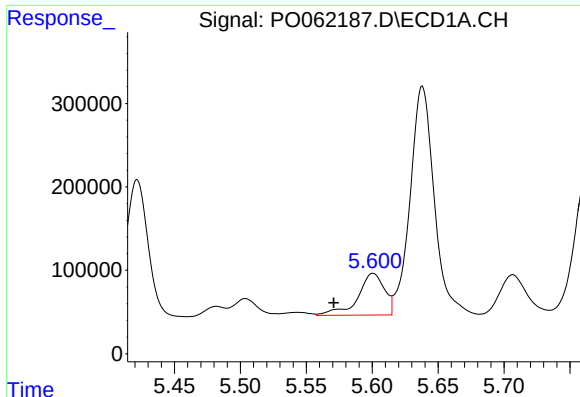
#4 AR-1016-2

R.T.: 5.504 min
Delta R.T.: -0.005 min
Response: 265655
Conc: 77.99 ng/ml



#4 AR-1016-2

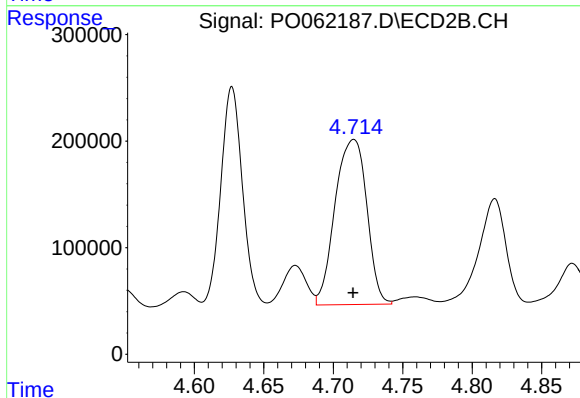
R.T.: 4.550 min
Delta R.T.: 0.005 min
Response: 192078
Conc: 82.58 ng/ml



#5 AR-1016-3

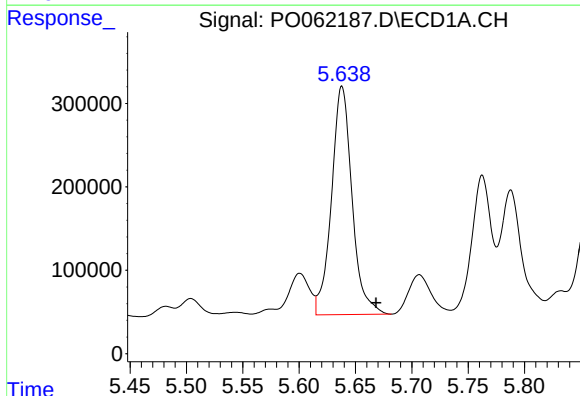
R.T.: 5.601 min
Delta R.T.: 0.030 min
Response: 701958
Conc: 339.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



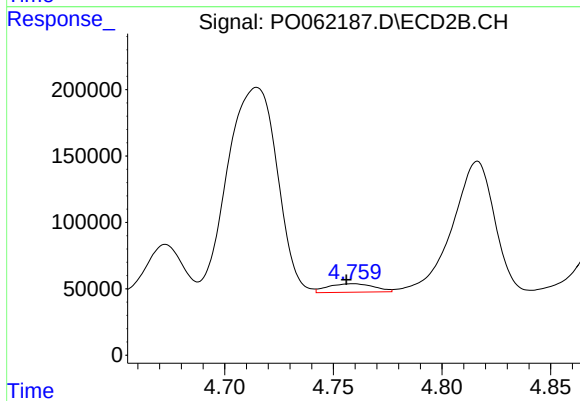
#5 AR-1016-3

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 2462304
Conc: 1992.06 ng/ml



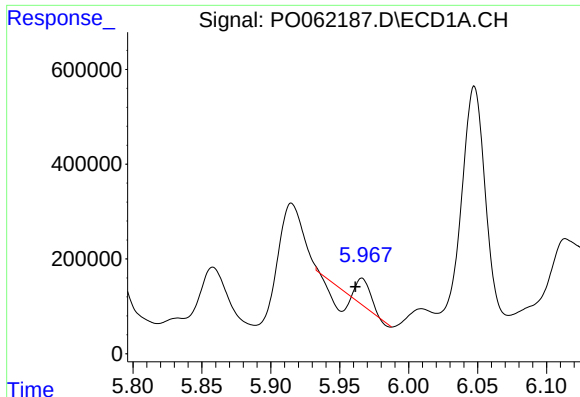
#6 AR-1016-4

R.T.: 5.638 min
Delta R.T.: -0.030 min
Response: 3483345
Conc: 2055.19 ng/ml



#6 AR-1016-4

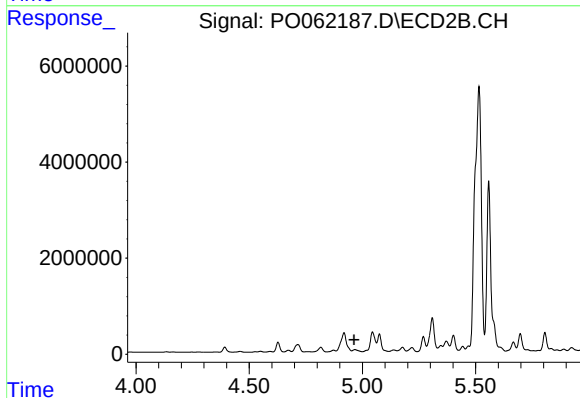
R.T.: 4.759 min
Delta R.T.: 0.003 min
Response: 94768
Conc: 96.44 ng/ml



#7 AR-1016-5

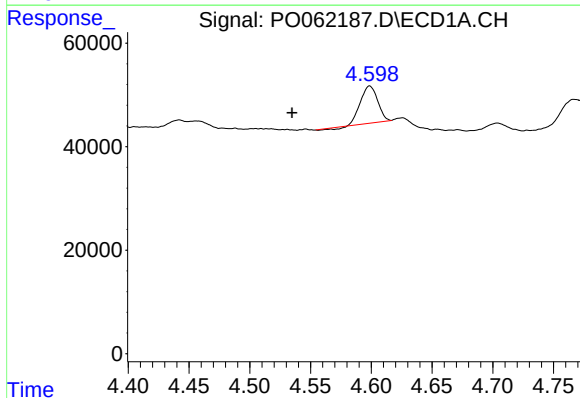
R.T.: 5.966 min
Delta R.T.: 0.005 min
Response: 87968
Conc: 49.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



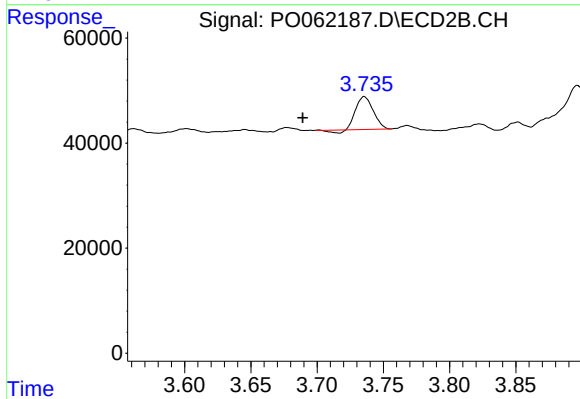
#7 AR-1016-5

R.T.: 4.967 min
Delta R.T.: 0.004 min
Response: -882492
Conc: N.D.



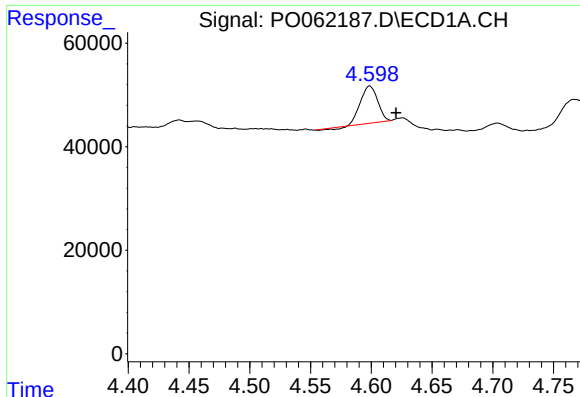
#8 AR-1221-1

R.T.: 4.599 min
Delta R.T.: 0.064 min
Response: 68613
Conc: 98.60 ng/ml



#8 AR-1221-1

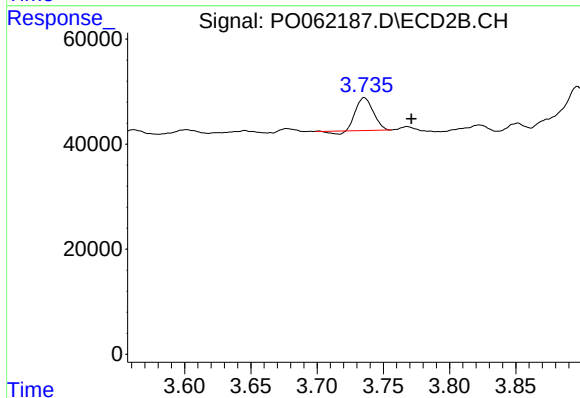
R.T.: 3.736 min
Delta R.T.: 0.047 min
Response: 54798
Conc: 107.77 ng/ml



#9 AR-1221-2

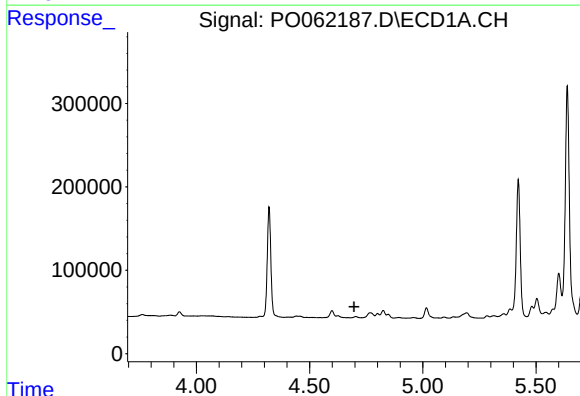
R.T.: 4.599 min
Delta R.T.: -0.022 min
Response: 68613
Conc: 131.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



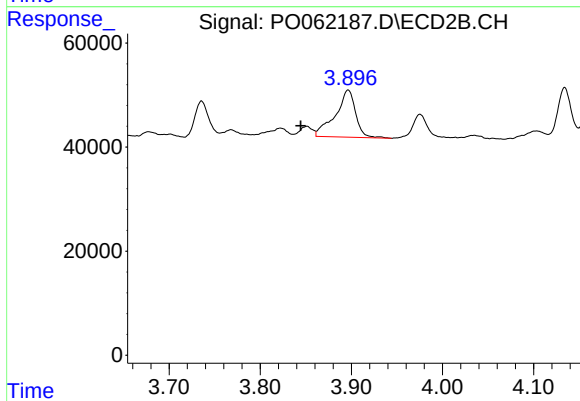
#9 AR-1221-2

R.T.: 3.736 min
Delta R.T.: -0.035 min
Response: 54798
Conc: 142.61 ng/ml



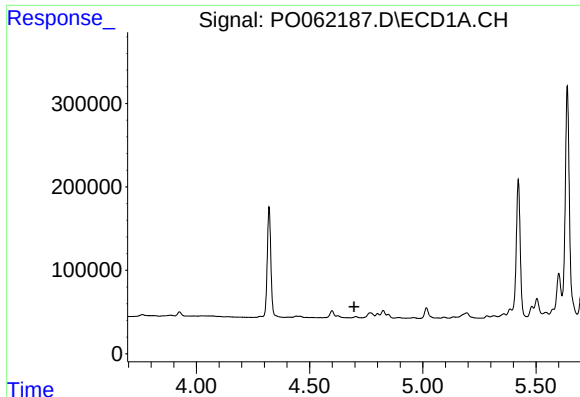
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.696 min
Response: 0
Conc: N.D.



#10 AR-1221-3

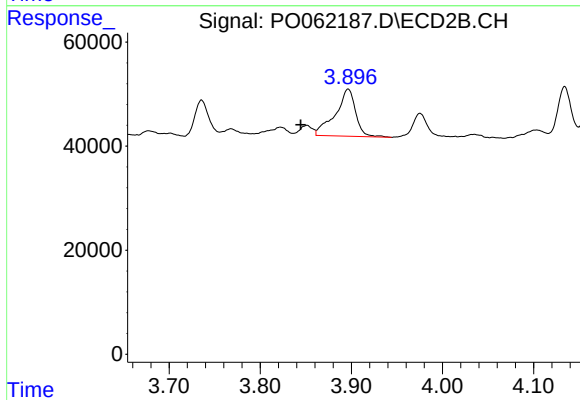
R.T.: 3.897 min
Delta R.T.: 0.052 min
Response: 140569
Conc: 119.45 ng/ml



#11 AR-1232-1

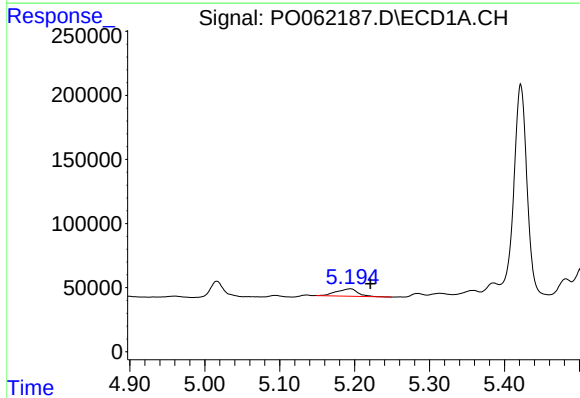
R.T.: 0.000 min
Exp R.T.: 4.696 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
445X-23A



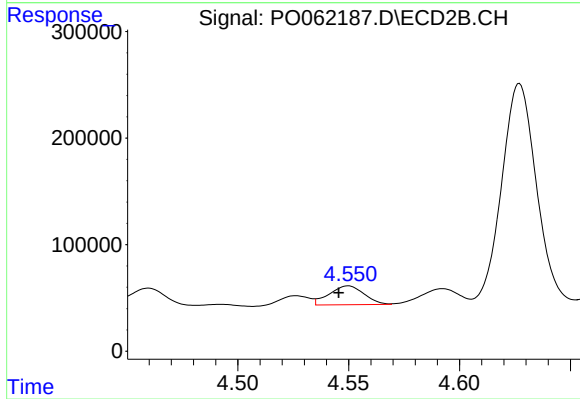
#11 AR-1232-1

R.T.: 3.897 min
Delta R.T.: 0.052 min
Response: 140569
Conc: 90.72 ng/ml



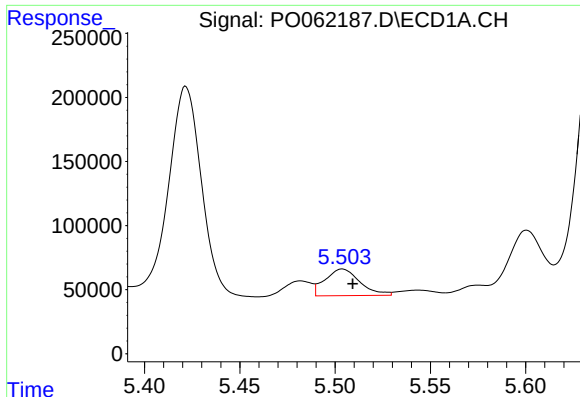
#12 AR-1232-2

R.T.: 5.194 min
Delta R.T.: -0.027 min
Response: 116111
Conc: 97.32 ng/ml



#12 AR-1232-2

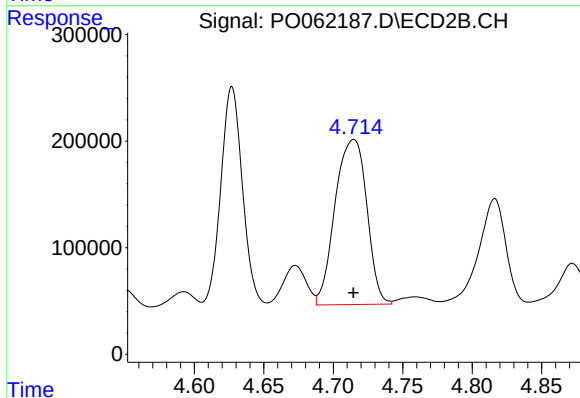
R.T.: 4.550 min
Delta R.T.: 0.004 min
Response: 192078
Conc: 111.26 ng/ml



#13 AR-1232-3

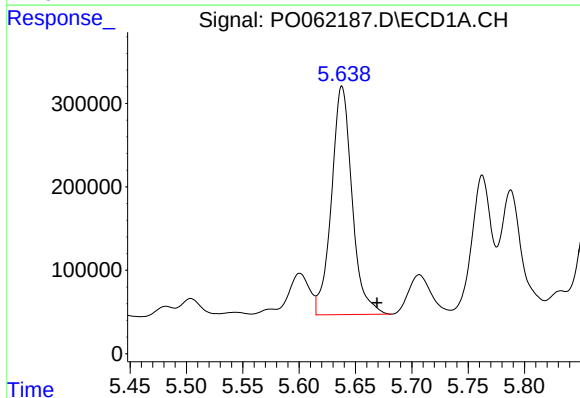
R.T.: 5.504 min
Delta R.T.: -0.005 min
Response: 265655
Conc: 103.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



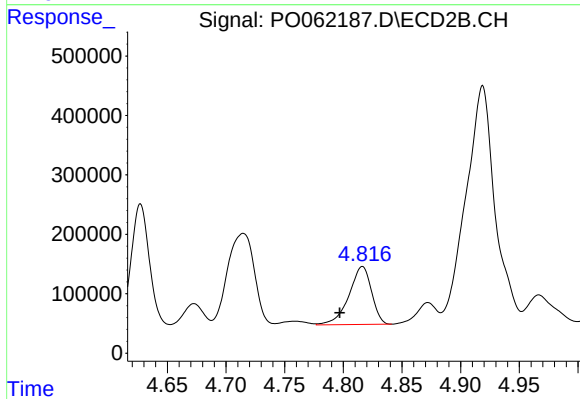
#13 AR-1232-3

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 2462304
Conc: 2693.89 ng/ml



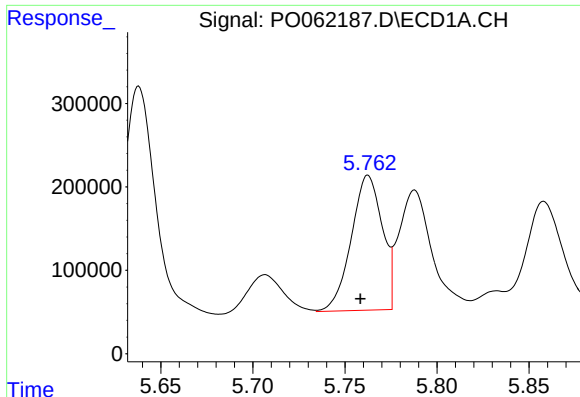
#14 AR-1232-4

R.T.: 5.638 min
Delta R.T.: -0.031 min
Response: 3483345
Conc: 2709.77 ng/ml



#14 AR-1232-4

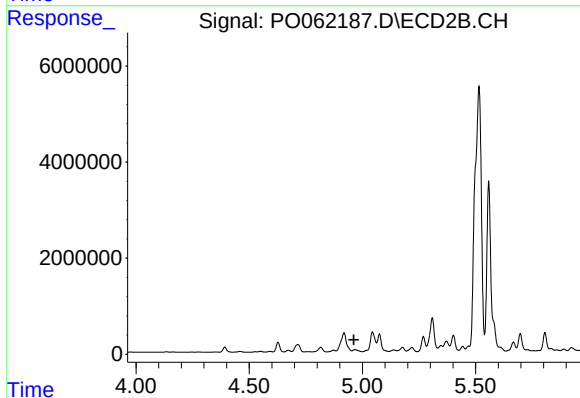
R.T.: 4.816 min
Delta R.T.: 0.019 min
Response: 1306168
Conc: 1605.57 ng/ml



#15 AR-1232-5

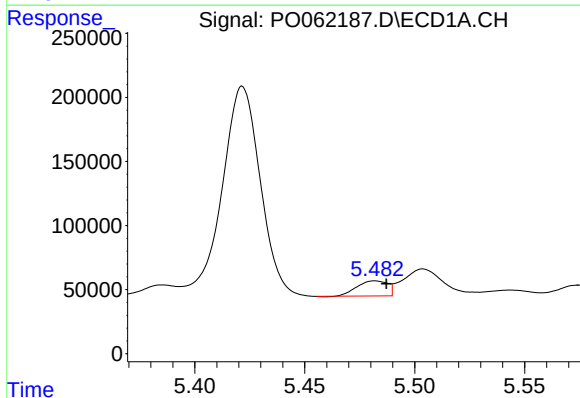
R.T.: 5.763 min
Delta R.T.: 0.004 min
Response: 1893196
Conc: 1912.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
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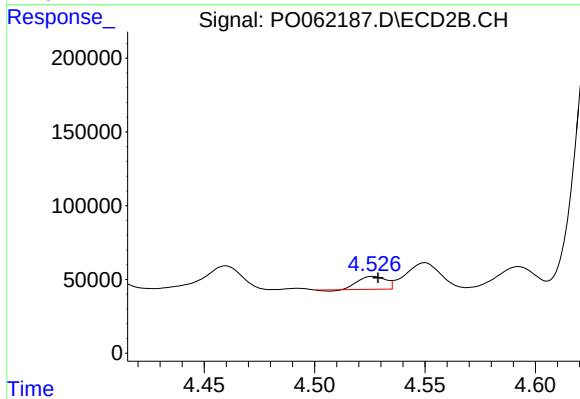
#15 AR-1232-5

R.T.: 4.967 min
Delta R.T.: 0.004 min
Response: -882492
Conc: N.D.



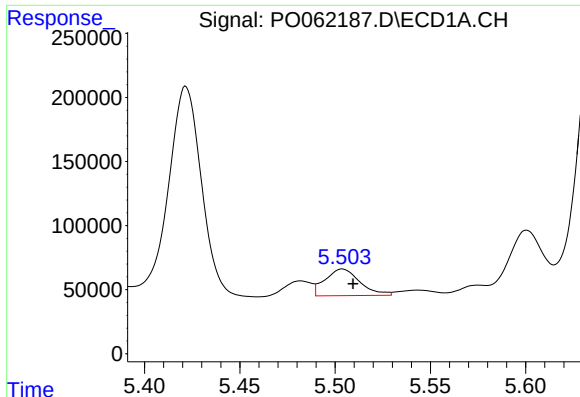
#16 AR-1242-1

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 114095
Conc: 61.57 ng/ml



#16 AR-1242-1

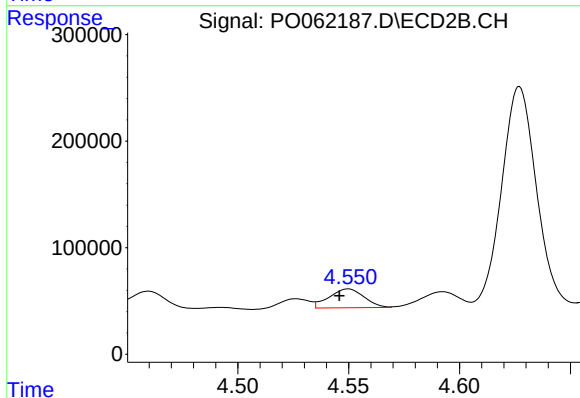
R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 75612
Conc: 62.87 ng/ml



#17 AR-1242-2

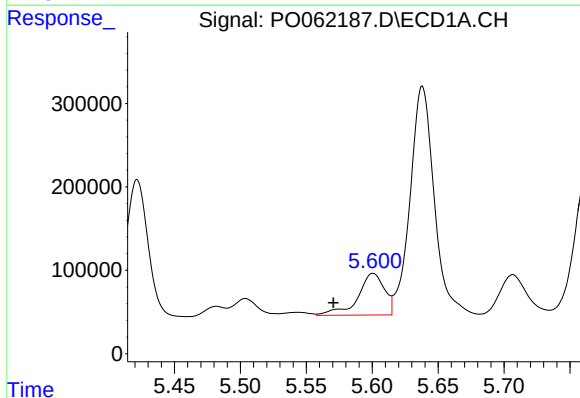
R.T.: 5.504 min
Delta R.T.: -0.006 min
Response: 265655
Conc: 100.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



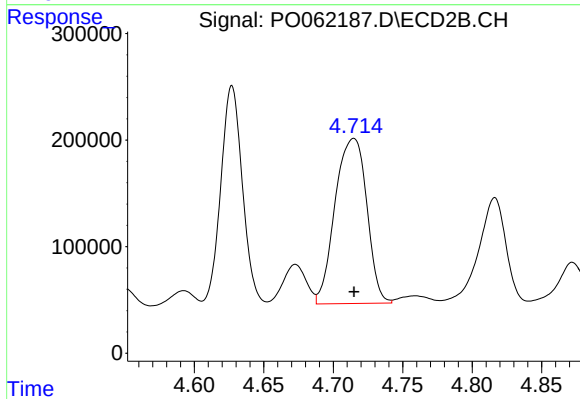
#17 AR-1242-2

R.T.: 4.550 min
Delta R.T.: 0.004 min
Response: 192078
Conc: 107.83 ng/ml



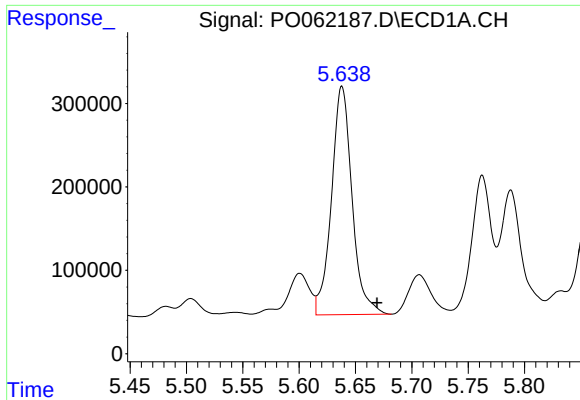
#18 AR-1242-3

R.T.: 5.601 min
Delta R.T.: 0.030 min
Response: 701958
Conc: 429.82 ng/ml



#18 AR-1242-3

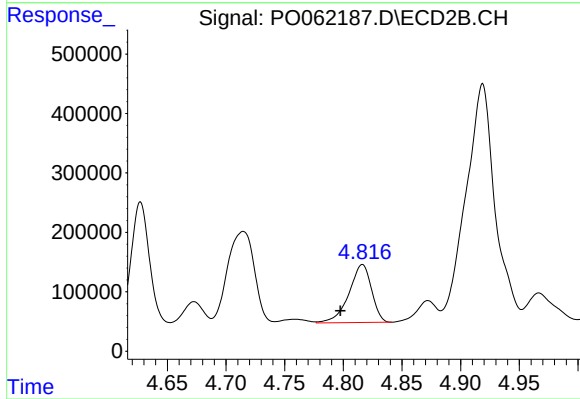
R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 2462304
Conc: 2586.37 ng/ml



#19 AR-1242-4

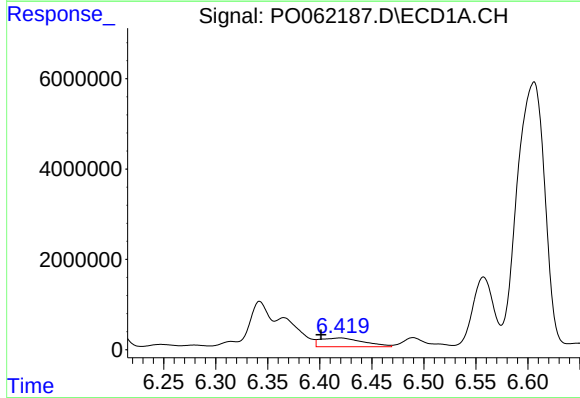
R.T.: 5.638 min
Delta R.T.: -0.031 min
Response: 3483345
Conc: 2580.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



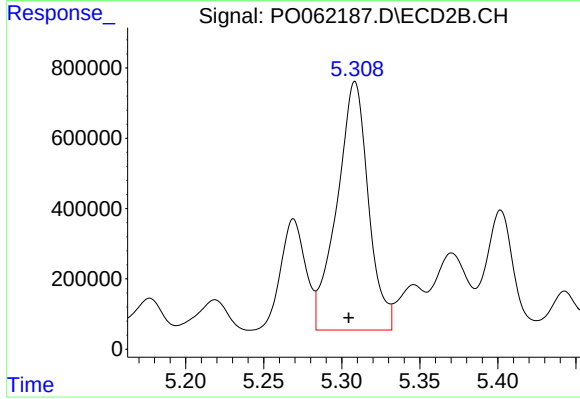
#19 AR-1242-4

R.T.: 4.816 min
Delta R.T.: 0.019 min
Response: 1306168
Conc: 1383.60 ng/ml



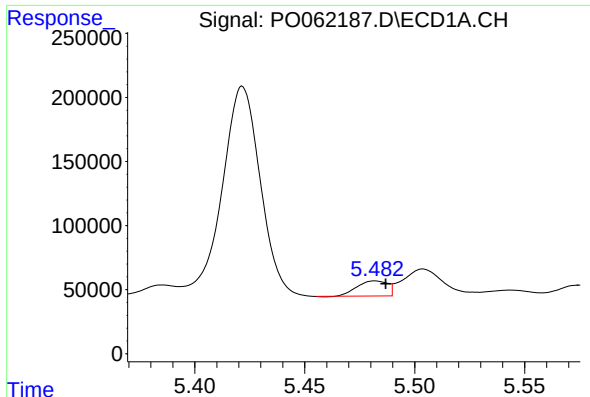
#20 AR-1242-5

R.T.: 6.420 min
Delta R.T.: 0.019 min
Response: 5565214
Conc: 3641.12 ng/ml



#20 AR-1242-5

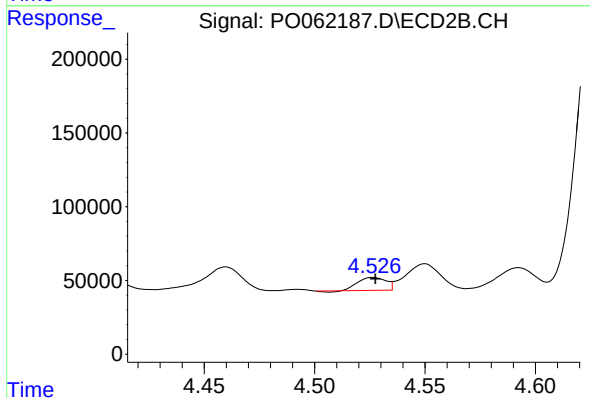
R.T.: 5.308 min
Delta R.T.: 0.004 min
Response: 9909194
Conc: 8304.20 ng/ml



#21 AR-1248-1

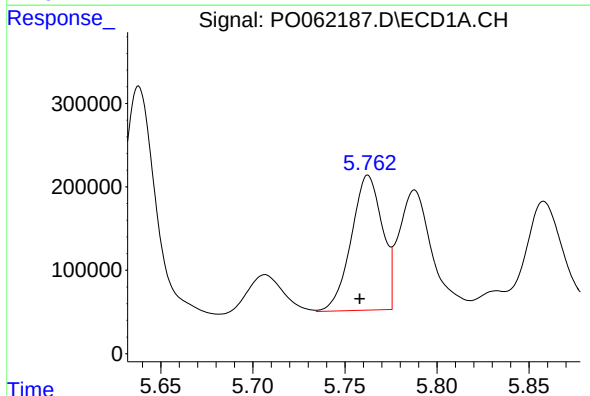
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 114095
Conc: 79.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



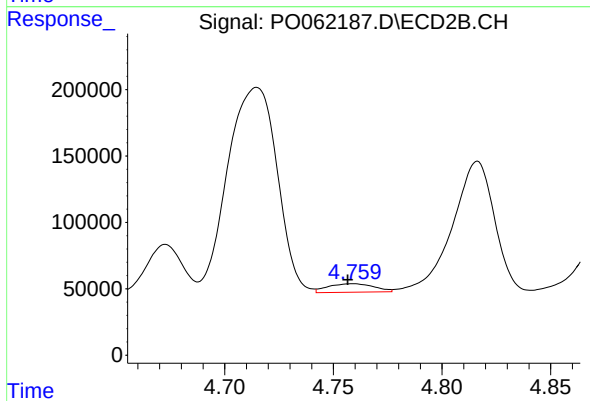
#21 AR-1248-1

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 75612
Conc: 77.02 ng/ml



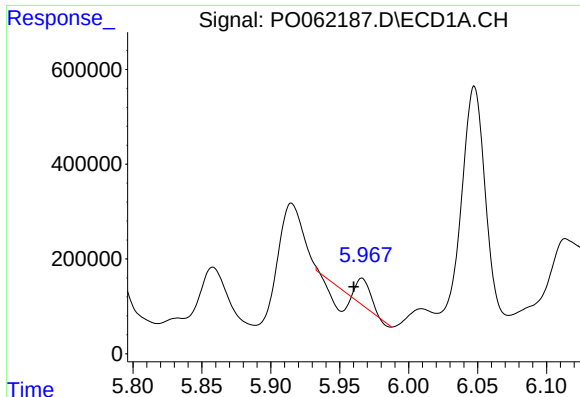
#22 AR-1248-2

R.T.: 5.763 min
Delta R.T.: 0.005 min
Response: 1893196
Conc: 945.58 ng/ml



#22 AR-1248-2

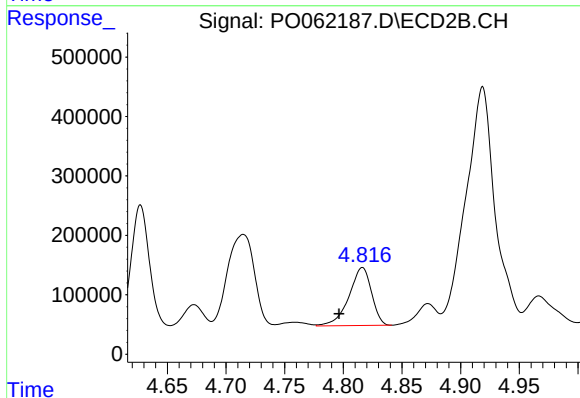
R.T.: 4.759 min
Delta R.T.: 0.003 min
Response: 94768
Conc: 74.80 ng/ml



#23 AR-1248-3

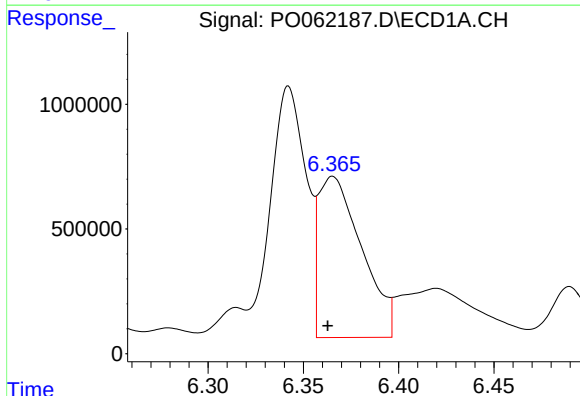
R.T.: 5.966 min
Delta R.T.: 0.006 min
Response: 87968
Conc: 39.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



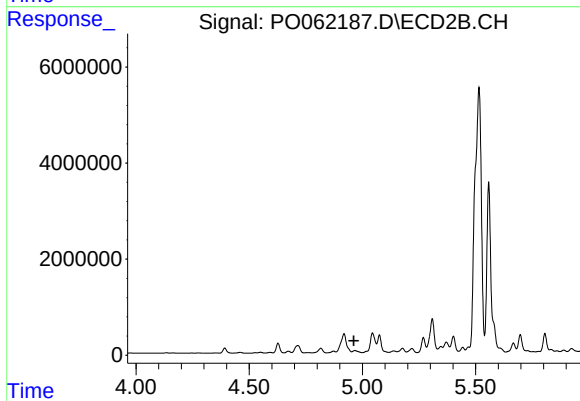
#23 AR-1248-3

R.T.: 4.816 min
Delta R.T.: 0.020 min
Response: 1306168
Conc: 983.97 ng/ml



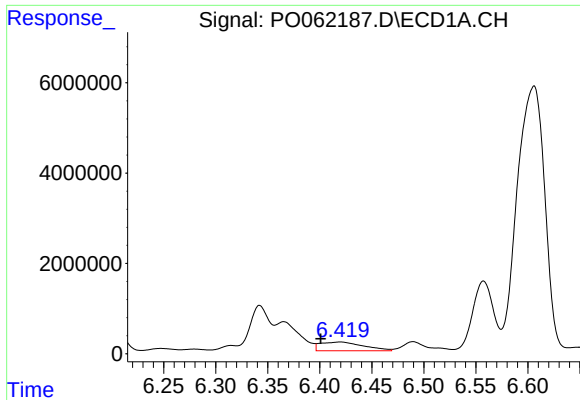
#24 AR-1248-4

R.T.: 6.365 min
Delta R.T.: 0.003 min
Response: 10157076
Conc: 3975.89 ng/ml



#24 AR-1248-4

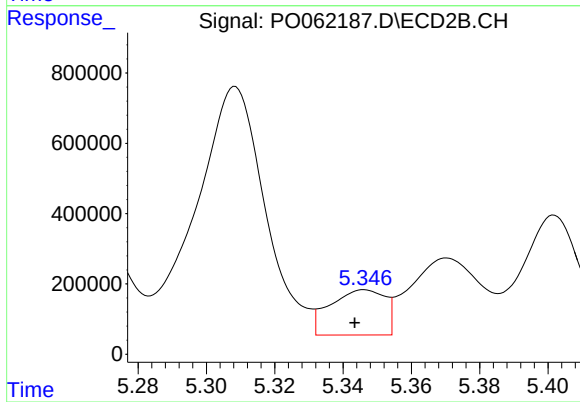
R.T.: 4.967 min
Delta R.T.: 0.004 min
Response: -882492
Conc: N.D.



#25 AR-1248-5

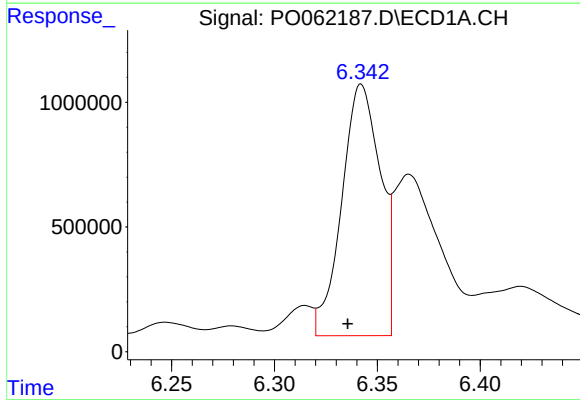
R.T.: 6.420 min
Delta R.T.: 0.019 min
Response: 5565214
Conc: 2276.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



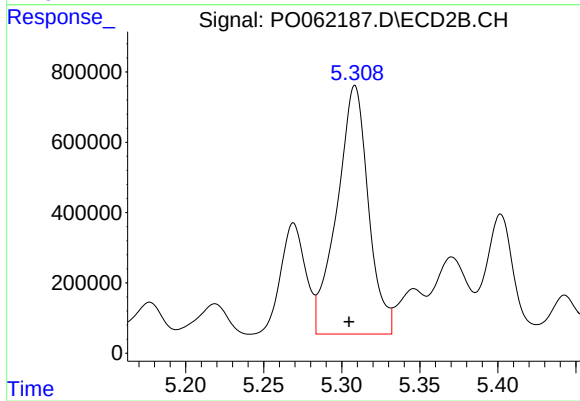
#25 AR-1248-5

R.T.: 5.346 min
Delta R.T.: 0.003 min
Response: 1432122
Conc: 930.55 ng/ml



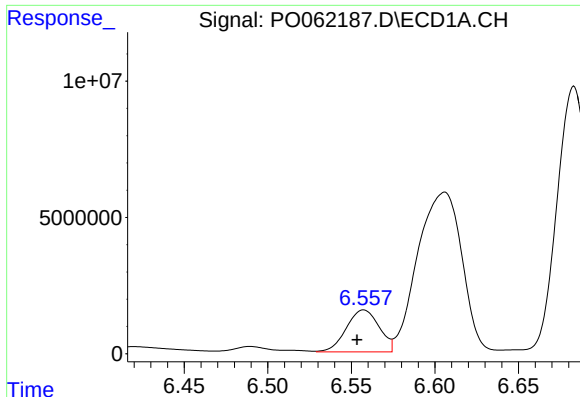
#26 AR-1254-1

R.T.: 6.342 min
Delta R.T.: 0.007 min
Response: 13162748
Conc: 4937.97 ng/ml



#26 AR-1254-1

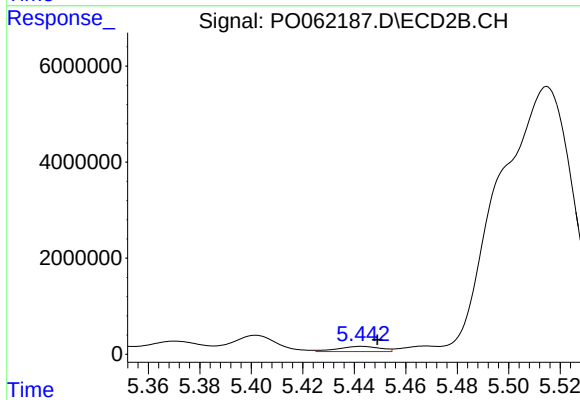
R.T.: 5.308 min
Delta R.T.: 0.004 min
Response: 9909194
Conc: 4051.52 ng/ml



#27 AR-1254-2

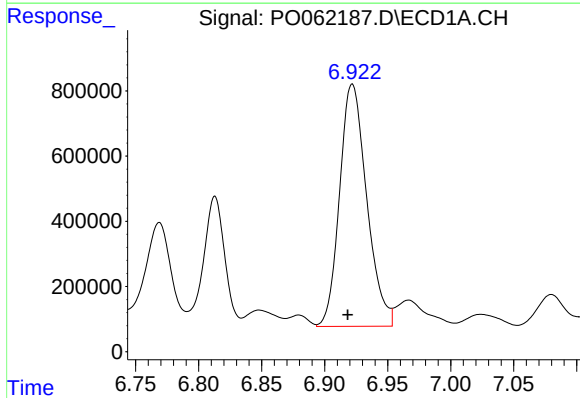
R.T.: 6.557 min
Delta R.T.: 0.004 min
Response: 21081730
Conc: 5156.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



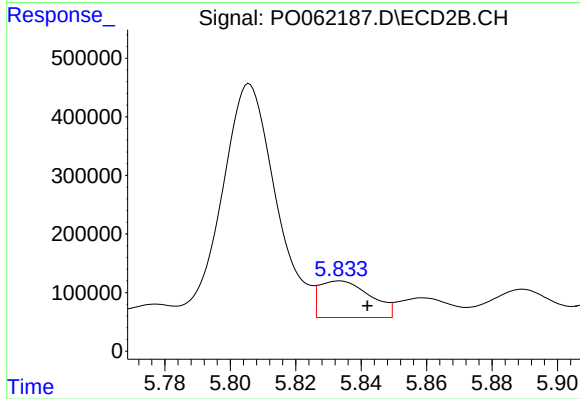
#27 AR-1254-2

R.T.: 5.443 min
Delta R.T.: -0.006 min
Response: 1239359
Conc: 585.19 ng/ml



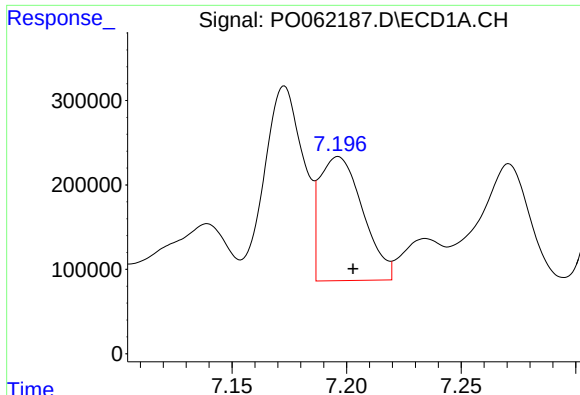
#28 AR-1254-3

R.T.: 6.922 min
Delta R.T.: 0.004 min
Response: 11114673
Conc: 2656.41 ng/ml



#28 AR-1254-3

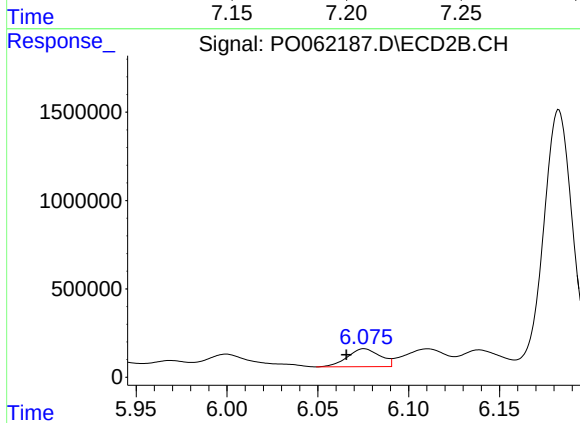
R.T.: 5.833 min
Delta R.T.: -0.008 min
Response: 670588
Conc: 205.82 ng/ml



#29 AR-1254-4

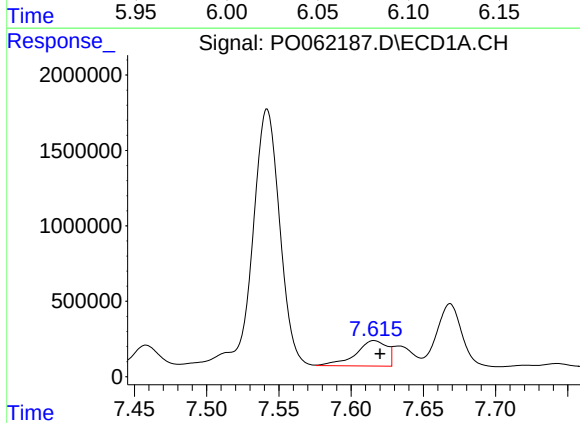
R.T.: 7.196 min
Delta R.T.: -0.007 min
Response: 1922780
Conc: 638.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



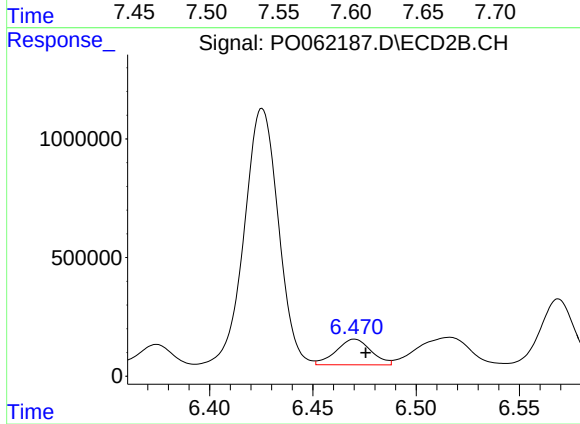
#29 AR-1254-4

R.T.: 6.076 min
Delta R.T.: 0.010 min
Response: 1273893
Conc: 659.56 ng/ml



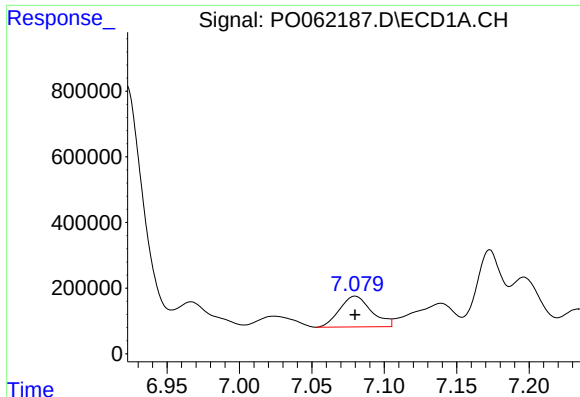
#30 AR-1254-5

R.T.: 7.616 min
Delta R.T.: -0.004 min
Response: 2547516
Conc: 812.89 ng/ml



#30 AR-1254-5

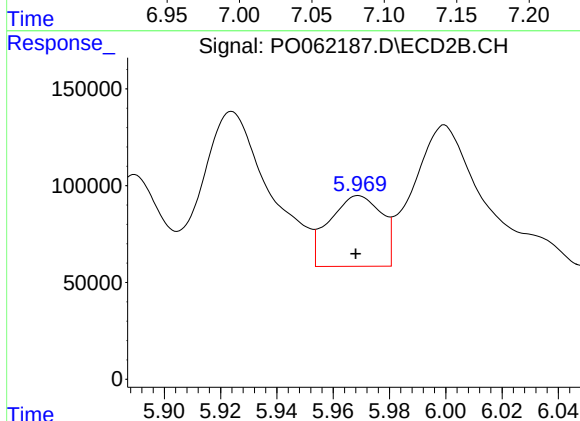
R.T.: 6.470 min
Delta R.T.: -0.005 min
Response: 1275560
Conc: 482.95 ng/ml



#31 AR-1260-1

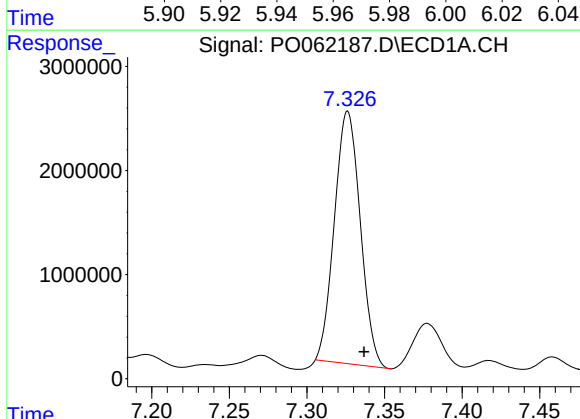
R.T.: 7.080 min
Delta R.T.: 0.000 min
Response: 1435561
Conc: 504.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



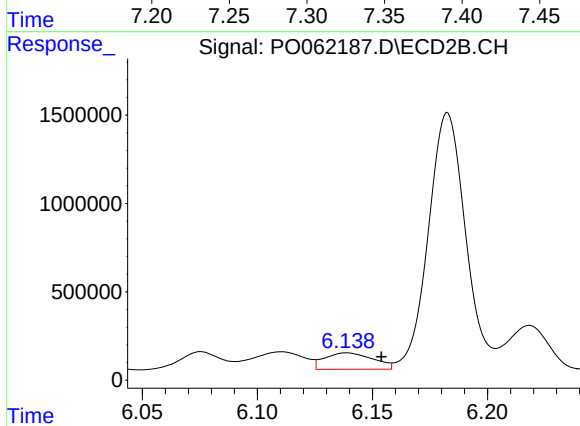
#31 AR-1260-1

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 471526
Conc: 221.92 ng/ml



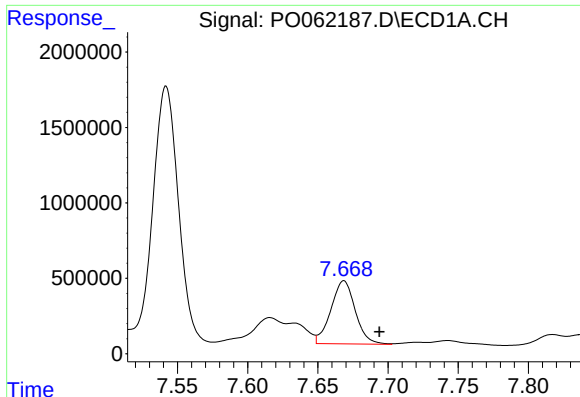
#32 AR-1260-2

R.T.: 7.326 min
Delta R.T.: -0.010 min
Response: 28145636
Conc: 8204.40 ng/ml



#32 AR-1260-2

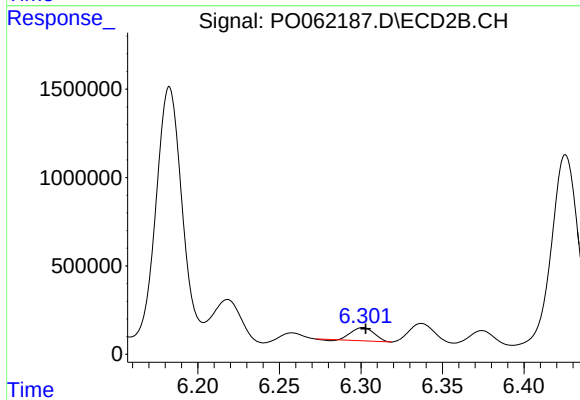
R.T.: 6.139 min
Delta R.T.: -0.015 min
Response: 1368179
Conc: 539.16 ng/ml



#33 AR-1260-3

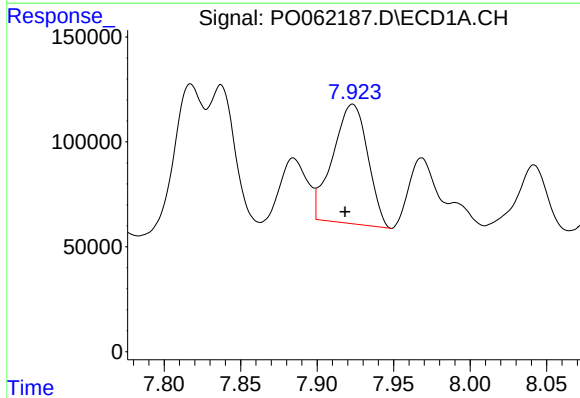
R.T.: 7.669 min
Delta R.T.: -0.025 min
Response: 5064936
Conc: 1914.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



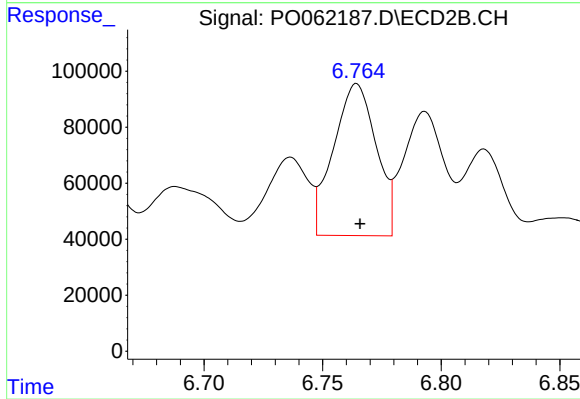
#33 AR-1260-3

R.T.: 6.301 min
Delta R.T.: -0.002 min
Response: 709288
Conc: 314.11 ng/ml



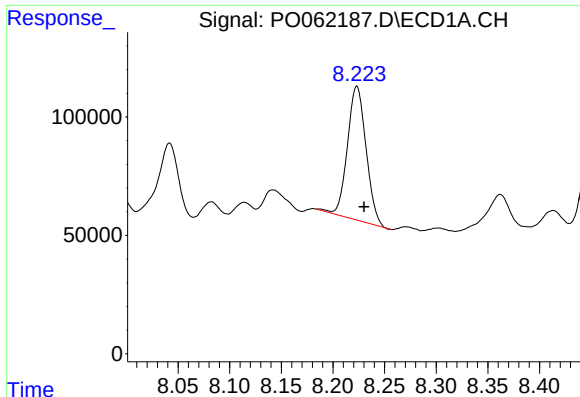
#34 AR-1260-4

R.T.: 7.923 min
Delta R.T.: 0.005 min
Response: 905929
Conc: 323.89 ng/ml



#34 AR-1260-4

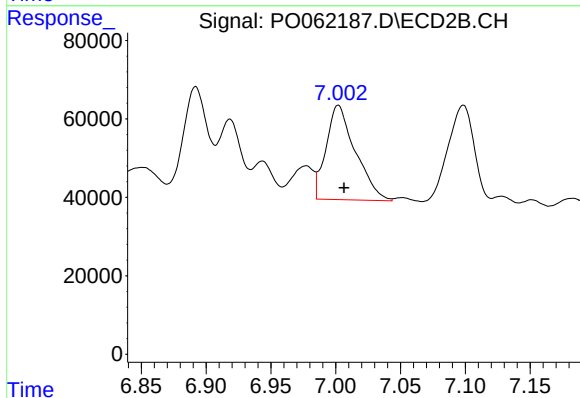
R.T.: 6.764 min
Delta R.T.: -0.001 min
Response: 683323
Conc: 389.17 ng/ml



#35 AR-1260-5

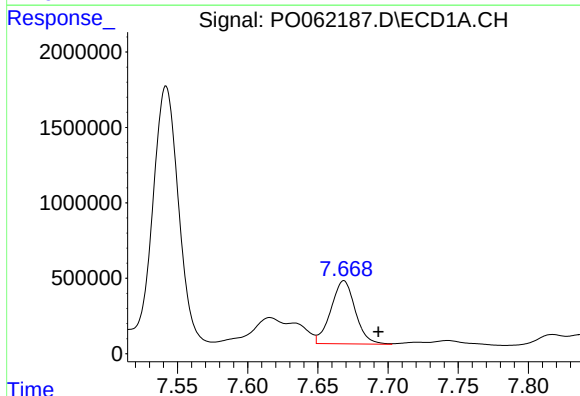
R.T.: 8.223 min
Delta R.T.: -0.007 min
Response: 710744
Conc: 135.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



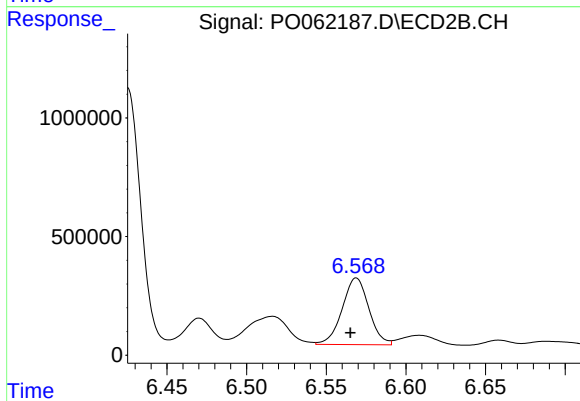
#35 AR-1260-5

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 379528
Conc: 105.35 ng/ml



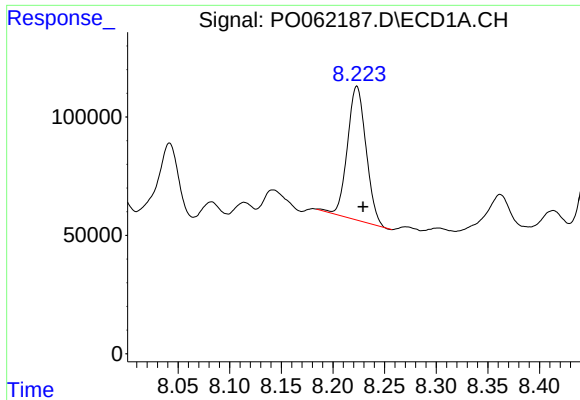
#36 AR-1262-1

R.T.: 7.669 min
Delta R.T.: -0.025 min
Response: 5064936
Conc: 1233.88 ng/ml



#36 AR-1262-1

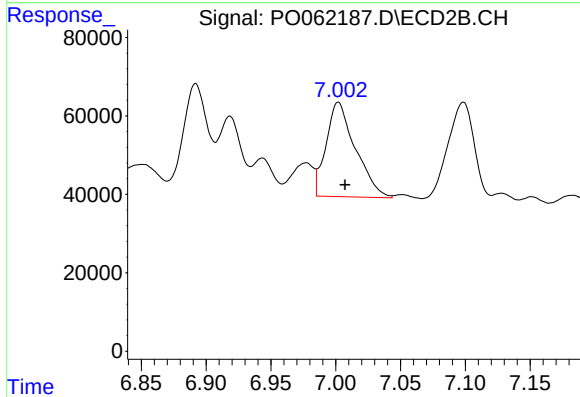
R.T.: 6.569 min
Delta R.T.: 0.004 min
Response: 3275287
Conc: 2748.26 ng/ml



#37 AR-1262-2

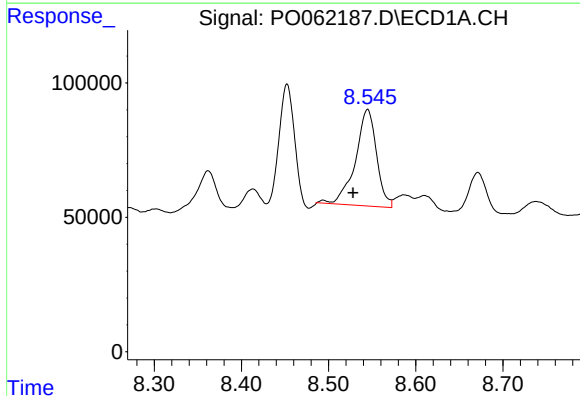
R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 710744
Conc: 110.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



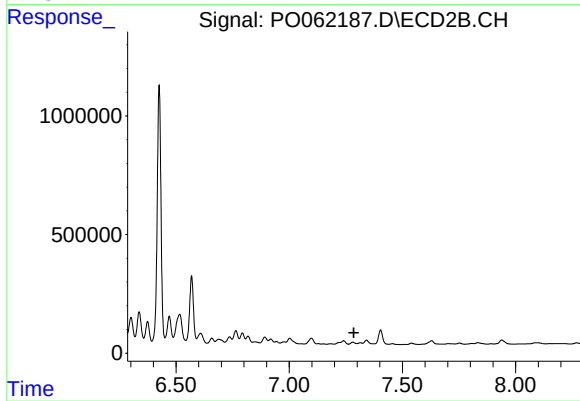
#37 AR-1262-2

R.T.: 7.002 min
Delta R.T.: -0.005 min
Response: 379528
Conc: 90.32 ng/ml



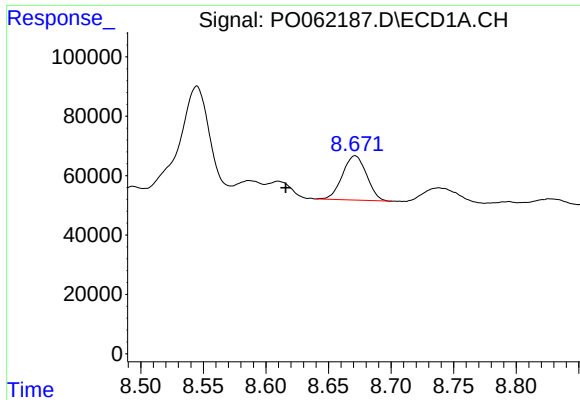
#38 AR-1262-3

R.T.: 8.545 min
Delta R.T.: 0.017 min
Response: 603699
Conc: 137.29 ng/ml



#38 AR-1262-3

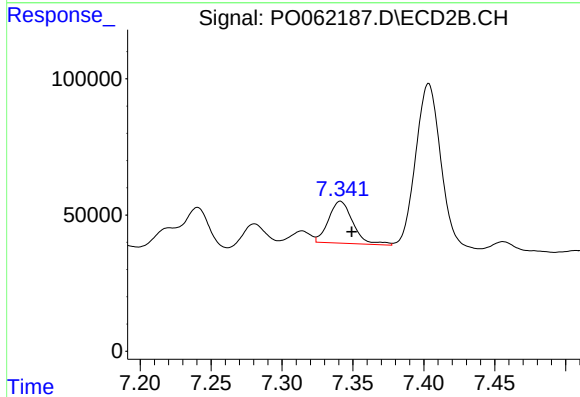
R.T.: 7.281 min
Delta R.T.: -0.005 min
Response: -33842
Conc: N.D.



#39 AR-1262-4

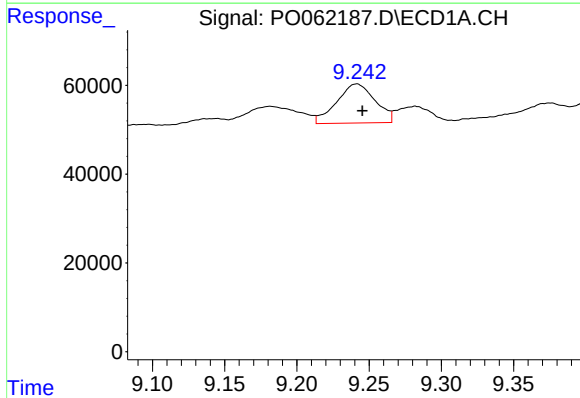
R.T.: 8.671 min
Delta R.T.: 0.055 min
Response: 198035
Conc: 57.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



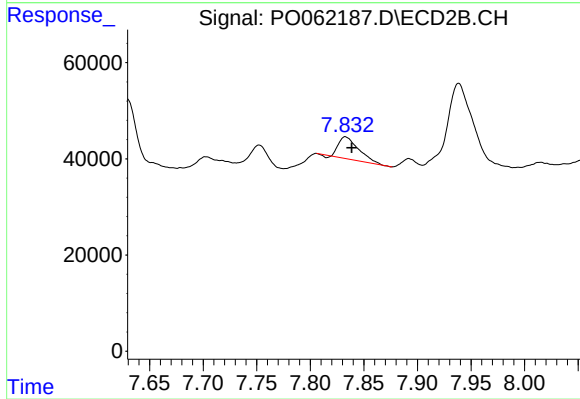
#39 AR-1262-4

R.T.: 7.341 min
Delta R.T.: -0.008 min
Response: 184491
Conc: 60.35 ng/ml



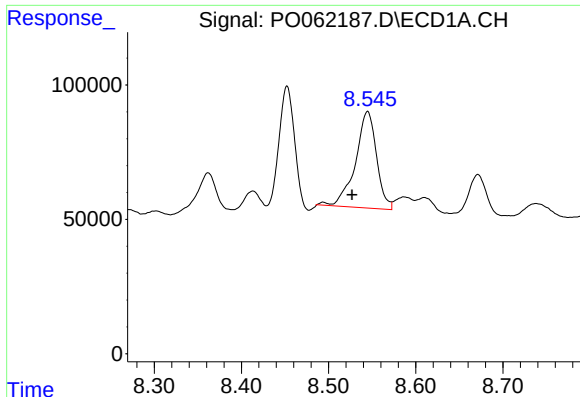
#40 AR-1262-5

R.T.: 9.241 min
Delta R.T.: -0.004 min
Response: 163671
Conc: 72.46 ng/ml



#40 AR-1262-5

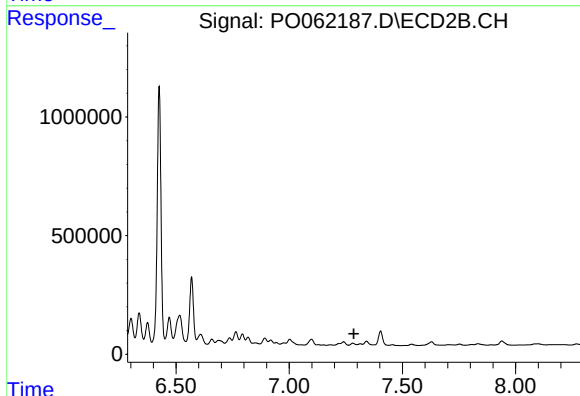
R.T.: 7.833 min
Delta R.T.: -0.006 min
Response: 58803
Conc: 45.02 ng/ml



#41 AR-1268-1

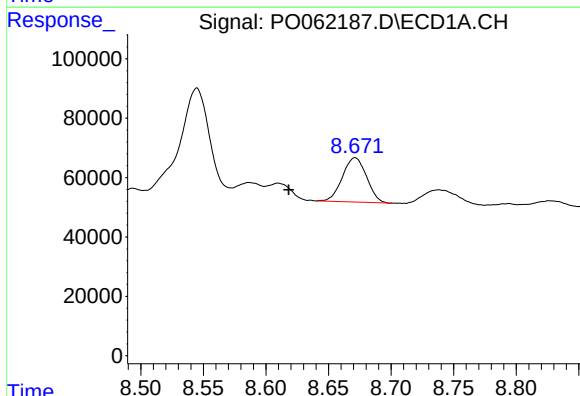
R.T.: 8.545 min
Delta R.T.: 0.018 min
Response: 603699
Conc: 79.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



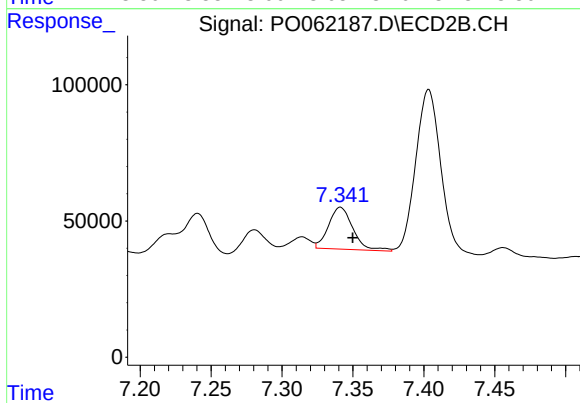
#41 AR-1268-1

R.T.: 7.281 min
Delta R.T.: -0.005 min
Response: -33842
Conc: N.D.



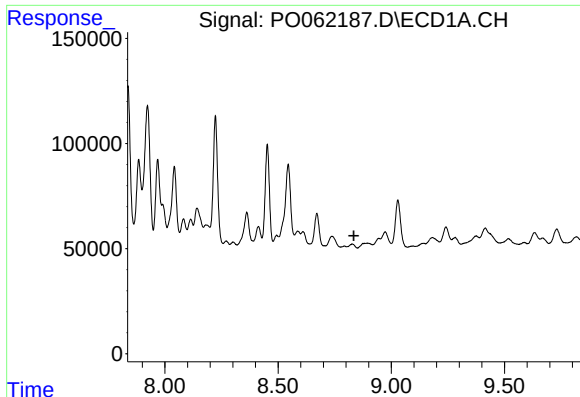
#42 AR-1268-2

R.T.: 8.671 min
Delta R.T.: 0.053 min
Response: 198035
Conc: 28.19 ng/ml



#42 AR-1268-2

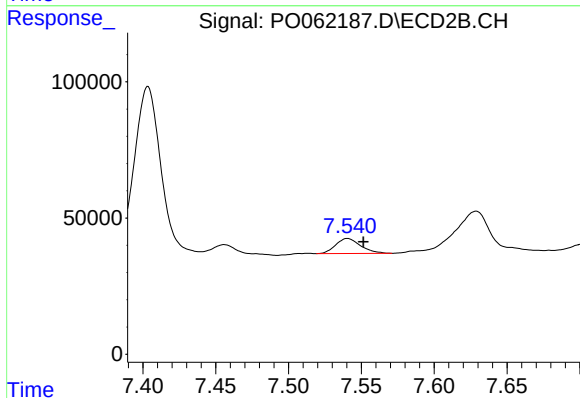
R.T.: 7.341 min
Delta R.T.: -0.009 min
Response: 184491
Conc: 44.16 ng/ml



#43 AR-1268-3

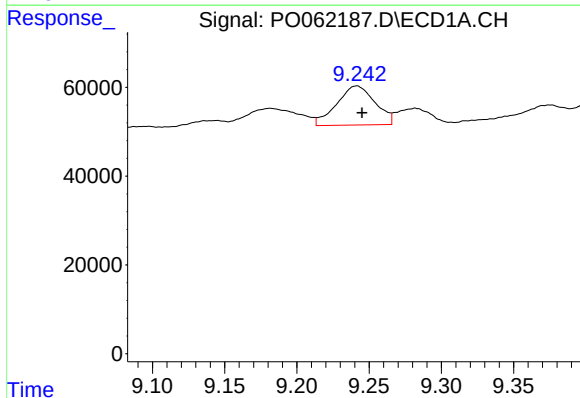
R.T.: 0.000 min
Exp R.T.: 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
445X-23A



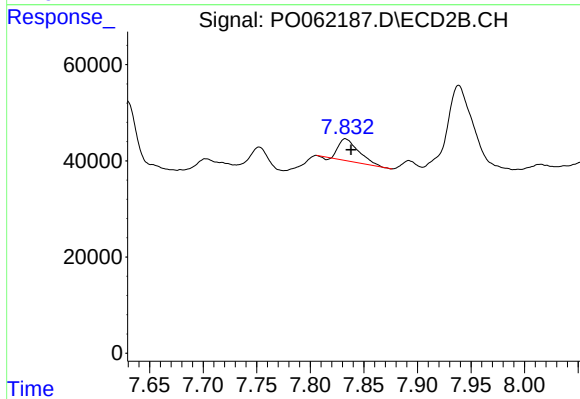
#43 AR-1268-3

R.T.: 7.541 min
Delta R.T.: -0.011 min
Response: 65771
Conc: 18.88 ng/ml



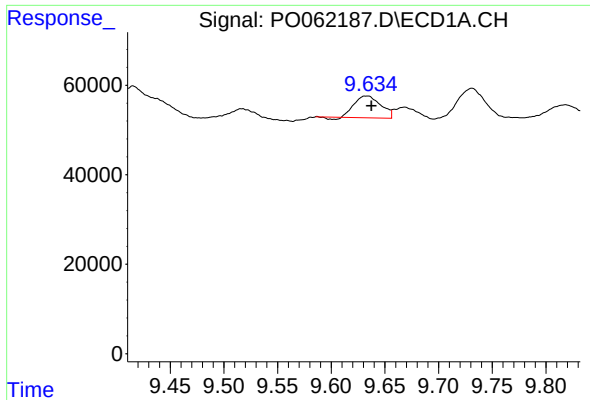
#44 AR-1268-4

R.T.: 9.241 min
Delta R.T.: -0.004 min
Response: 163671
Conc: 68.89 ng/ml



#44 AR-1268-4

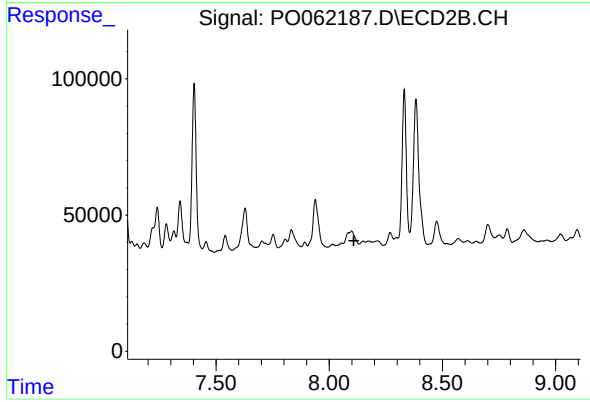
R.T.: 7.833 min
Delta R.T.: -0.005 min
Response: 58803
Conc: 41.27 ng/ml



#45 AR-1268-5

R.T.: 9.633 min
Delta R.T.: -0.004 min
Response: 82070
Conc: 4.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
445X-23A



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.109 min
Response: 0
Conc: N.D.