

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080119\
 Data File : P0058676.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Jul 2019 13:43
 Operator : SM/AJ
 Sample : K4049-05DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SP-5DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 16:29:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 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...	4.169	3.519	204273	187096	4.840	4.683
2)	SA Decachlor...	9.651	8.407	261300	205031	4.825	5.194
Target Compounds							
3)	L1 AR-1016-1	5.345	4.576	210763	135576	112.470	92.989
4)	L1 AR-1016-2	5.345	4.594	210763	145369	76.598	67.721
5)	L1 AR-1016-3	0.000	4.769	0	89724	N.D.	79.001 #
6)	L1 AR-1016-4	5.501	4.807	192741	585574	137.751	620.771 #
7)	L1 AR-1016-5	5.791	5.017	592436	436392	413.587	354.376
10)	L2 AR-1221-3	0.000	3.929	0	144756	N.D.	151.322 #
11)	L3 AR-1232-1	0.000	3.929	0	144756	N.D.	184.271 #
12)	L3 AR-1232-2	0.000	4.594	0	145369	N.D.	171.936 #
13)	L3 AR-1232-3	5.345	4.769	210763	89724	196.839	204.018
14)	L3 AR-1232-4	5.501	4.848	192741	292553	361.542	740.132 #
15)	L3 AR-1232-5	5.590	5.017	594585	436392	1457.093	991.236 #
16)	L4 AR-1242-1	5.345	4.576	210763	135576	164.587	133.551
17)	L4 AR-1242-2	5.345	4.594	210763	145369	111.416	96.293
18)	L4 AR-1242-3	0.000	4.769	0	89724	N.D.	110.173 #
19)	L4 AR-1242-4	5.501	4.848	192741	292553	200.565	361.611 #
20)	L4 AR-1242-5	6.227	5.362	980208	1556687	834.524	1451.204 #
21)	L5 AR-1248-1	5.345	4.576	210763	135576	208.469	169.545
22)	L5 AR-1248-2	5.590	4.807	594585	585574	411.310	528.498 #
23)	L5 AR-1248-3	5.791	4.848	592436	292553	360.668	257.040 #
24)	L5 AR-1248-4	6.190	5.017	1058232	436392	522.520	312.381 #
25)	L5 AR-1248-5	6.227	5.402	980208	502994	507.789	363.106 #
26)	L6 AR-1254-1	6.161	5.362	1454654	1556687	616.042	600.912
27)	L6 AR-1254-2	6.377	5.507	2546455	1227282	660.739	536.065
28)	L6 AR-1254-3	6.740	5.904	2849357	2267056	703.608	616.155
29)	L6 AR-1254-4	7.024	6.131	2752482	1659141	764.442	713.543
30)	L6 AR-1254-5	7.437	6.541	2883511	2569738	795.504	744.948
31)	L7 AR-1260-1	6.899	6.030	1189079	1128533	412.997	474.164
32)	L7 AR-1260-2	7.153	6.217	1866691	1109775	448.718	366.347
33)	L7 AR-1260-3	7.502	6.367	418742	936371	112.445	346.825 #
34)	L7 AR-1260-4	7.726	6.832	1131393	178036	332.003	78.793 #
35)	L7 AR-1260-5	8.038	7.075	769777	499333	104.664	92.721
36)	L8 AR-1262-1	7.502	6.609	418742	160446	83.079	44.921 #
37)	L8 AR-1262-2	8.038	7.075	769777	499333	96.717	88.440
38)	L8 AR-1262-3	8.339	7.350	471450	98212	92.743	39.793 #
39)	L8 AR-1262-4	0.000	7.415	0	447426	N.D.	105.371 #
40)	L8 AR-1262-5	0.000	7.908	0	79726	N.D.	46.887 #
41)	L9 AR-1268-1	8.339	7.350	471450	98212	42.209	12.058 #
42)	L9 AR-1268-2	0.000	7.415	0	447426	N.D.	59.050 #
43)	L9 AR-1268-3	0.000	7.613	0	14425	N.D.	2.257 #
44)	L9 AR-1268-4	0.000	7.908	0	79726	N.D.	34.355 #

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 Operator : SM/AJ
 Sample : K4049-05DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

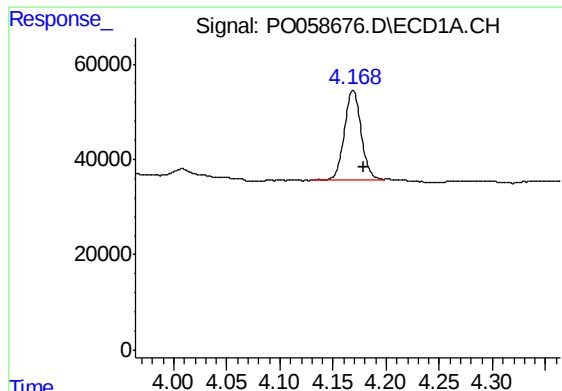
Instrument :
 ECD_O
 ClientSampleId :
 SP-5DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 16:29:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
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 Response via : Initial Calibration
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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
45) L9	AR-1268-5	0.000	8.177	0	47131	N.D.	2.750 #

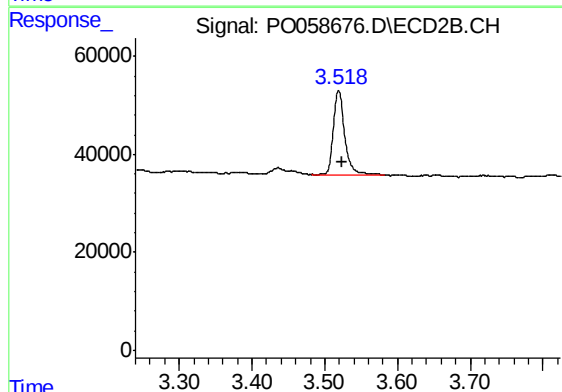
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

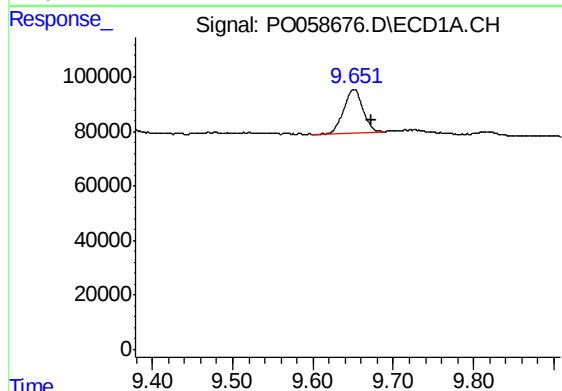
R.T.: 4.169 min
Delta R.T.: -0.010 min
Response: 204273
Conc: 4.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



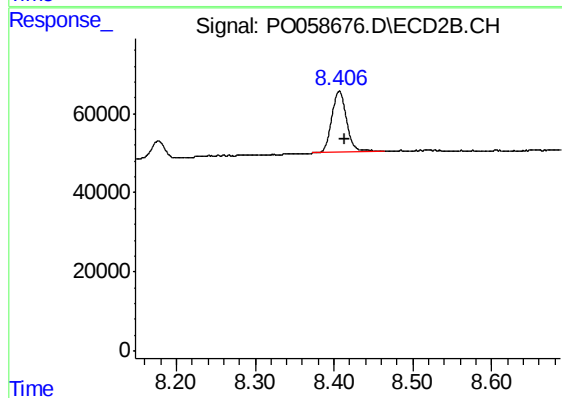
#1 Tetrachloro-m-xylene

R.T.: 3.519 min
Delta R.T.: -0.006 min
Response: 187096
Conc: 4.68 ng/ml



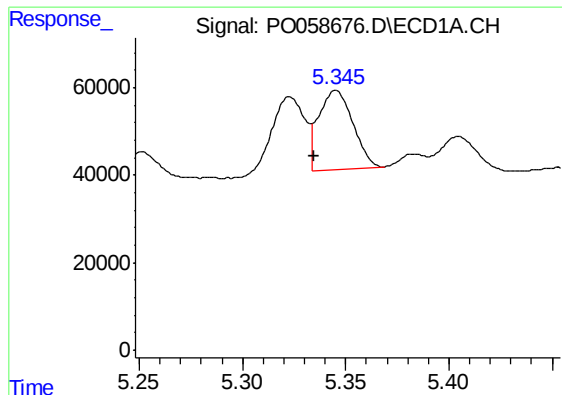
#2 Decachlorobiphenyl

R.T.: 9.651 min
Delta R.T.: -0.021 min
Response: 261300
Conc: 4.82 ng/ml



#2 Decachlorobiphenyl

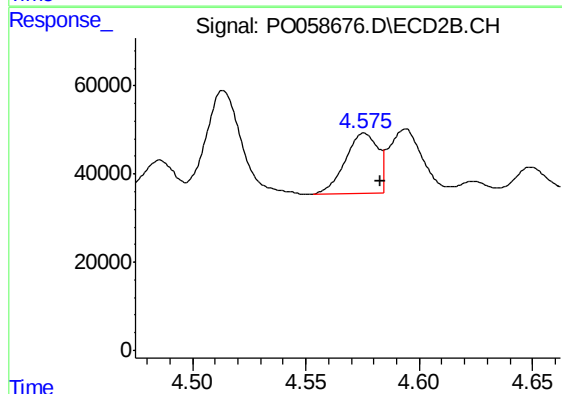
R.T.: 8.407 min
Delta R.T.: -0.008 min
Response: 205031
Conc: 5.19 ng/ml



#3 AR-1016-1

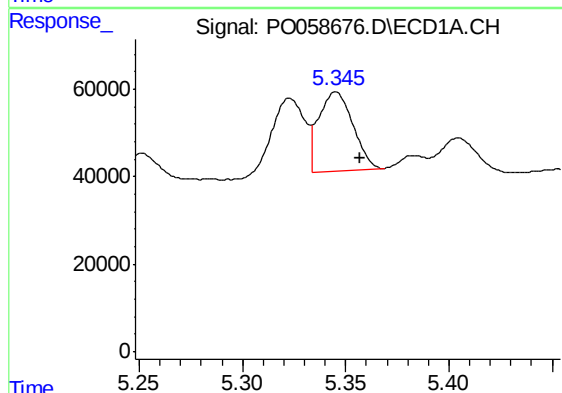
R.T.: 5.345 min
Delta R.T.: 0.010 min
Response: 210763
Conc: 112.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



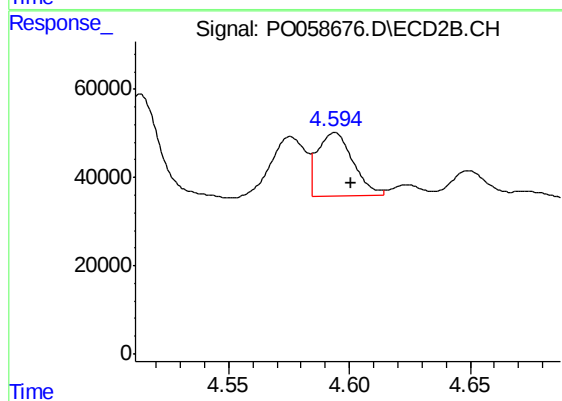
#3 AR-1016-1

R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 135576
Conc: 92.99 ng/ml



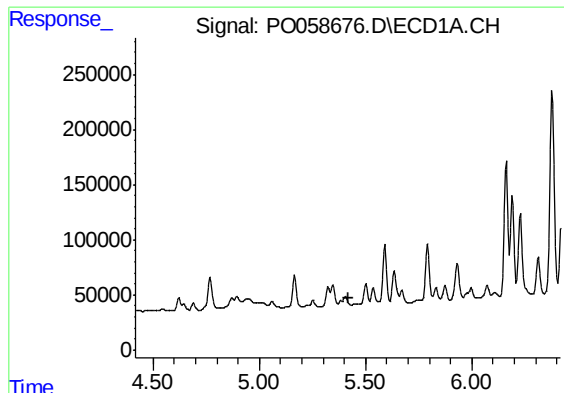
#4 AR-1016-2

R.T.: 5.345 min
Delta R.T.: -0.011 min
Response: 210763
Conc: 76.60 ng/ml



#4 AR-1016-2

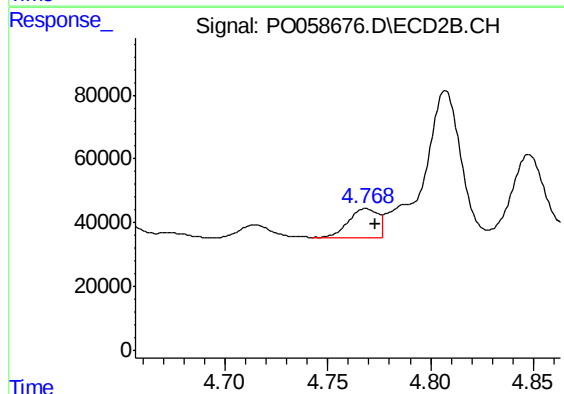
R.T.: 4.594 min
Delta R.T.: -0.007 min
Response: 145369
Conc: 67.72 ng/ml



#5 AR-1016-3

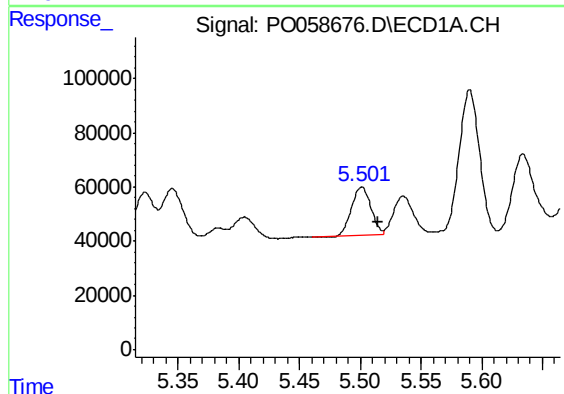
R.T.: 0.000 min
Exp R.T.: 5.417 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-5DL



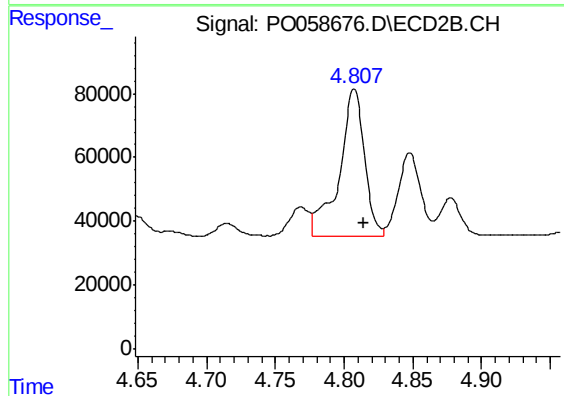
#5 AR-1016-3

R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 89724
Conc: 79.00 ng/ml



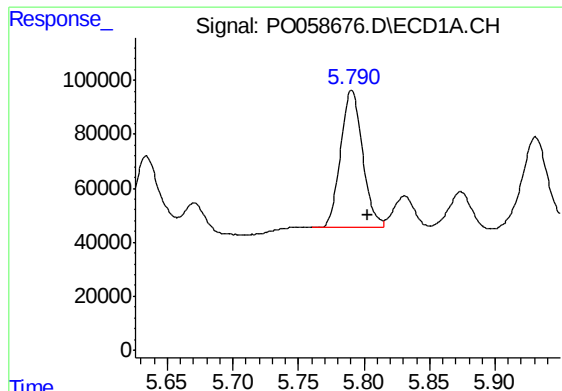
#6 AR-1016-4

R.T.: 5.501 min
Delta R.T.: -0.014 min
Response: 192741
Conc: 137.75 ng/ml



#6 AR-1016-4

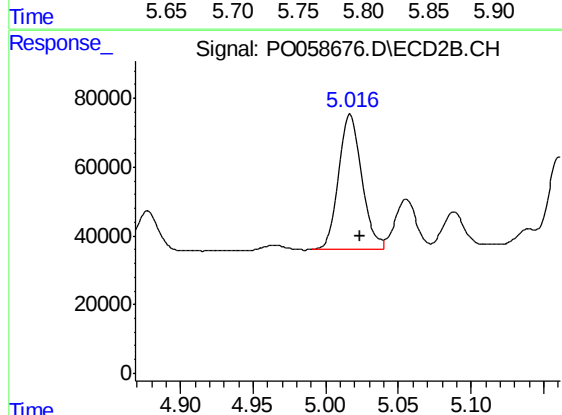
R.T.: 4.807 min
Delta R.T.: -0.007 min
Response: 585574
Conc: 620.77 ng/ml



#7 AR-1016-5

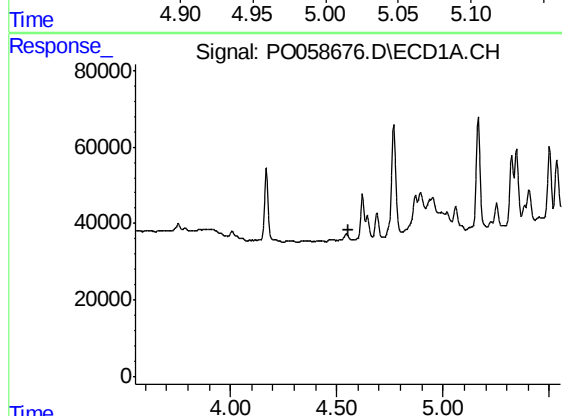
R.T.: 5.791 min
Delta R.T.: -0.013 min
Response: 592436
Conc: 413.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



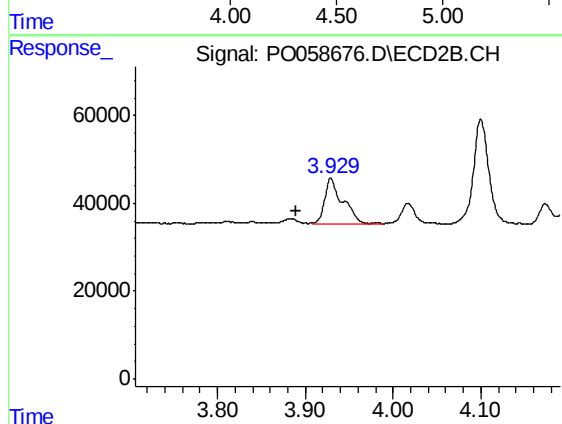
#7 AR-1016-5

R.T.: 5.017 min
Delta R.T.: -0.007 min
Response: 436392
Conc: 354.38 ng/ml



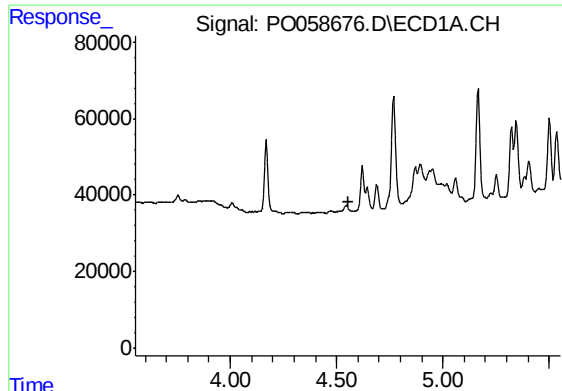
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.553 min
Response: 0
Conc: N.D.



#10 AR-1221-3

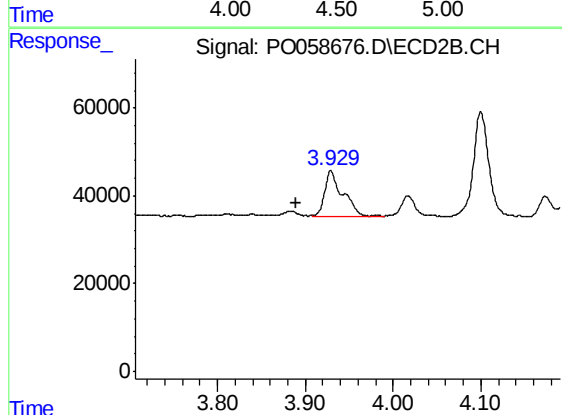
R.T.: 3.929 min
Delta R.T.: 0.040 min
Response: 144756
Conc: 151.32 ng/ml



#11 AR-1232-1

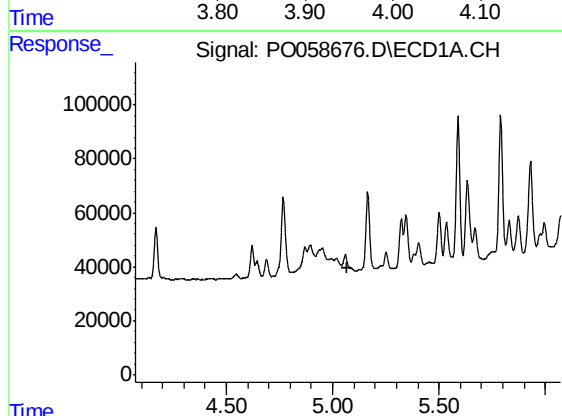
R.T.: 0.000 min
Exp R.T.: 4.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-5DL



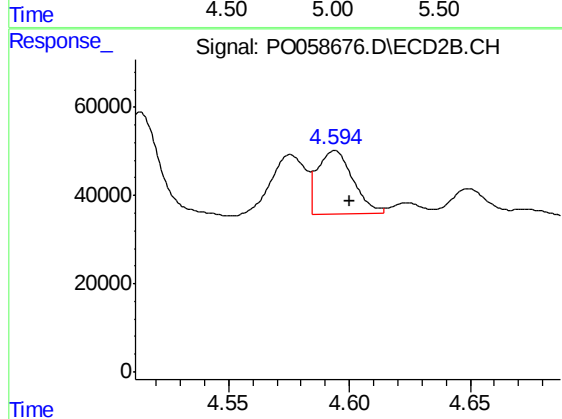
#11 AR-1232-1

R.T.: 3.929 min
Delta R.T.: 0.040 min
Response: 144756
Conc: 184.27 ng/ml



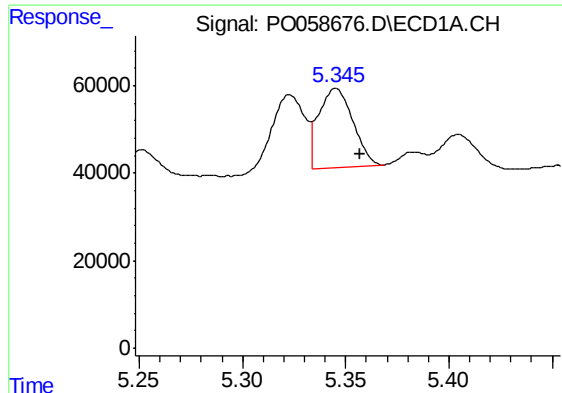
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.072 min
Response: 0
Conc: N.D.



#12 AR-1232-2

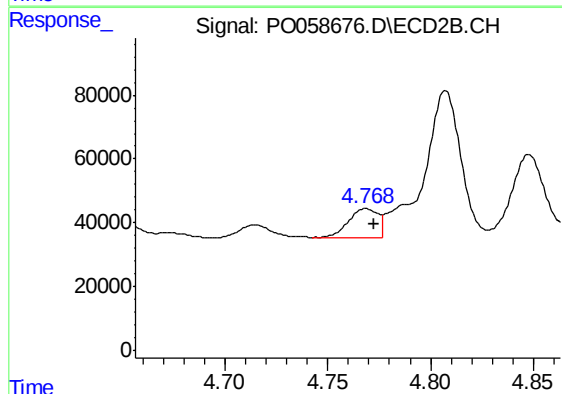
R.T.: 4.594 min
Delta R.T.: -0.006 min
Response: 145369
Conc: 171.94 ng/ml



#13 AR-1232-3

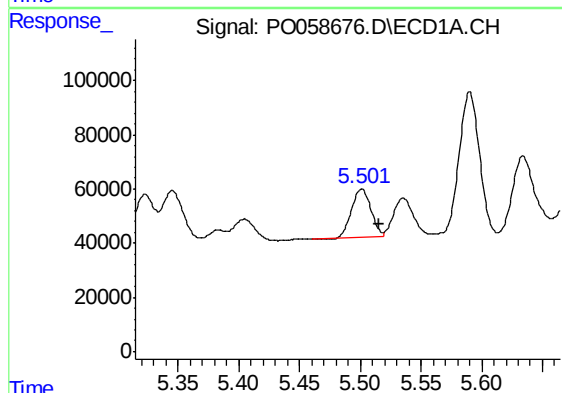
R.T.: 5.345 min
Delta R.T.: -0.012 min
Response: 210763
Conc: 196.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



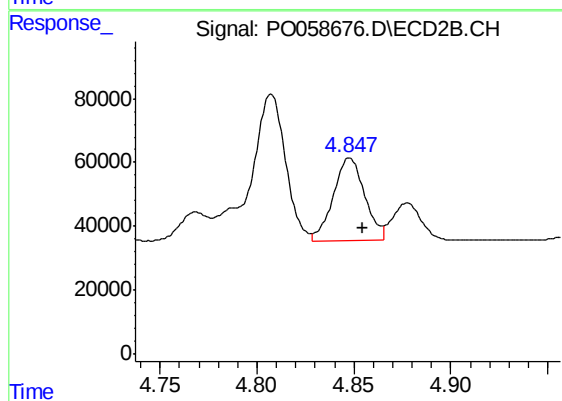
#13 AR-1232-3

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 89724
Conc: 204.02 ng/ml



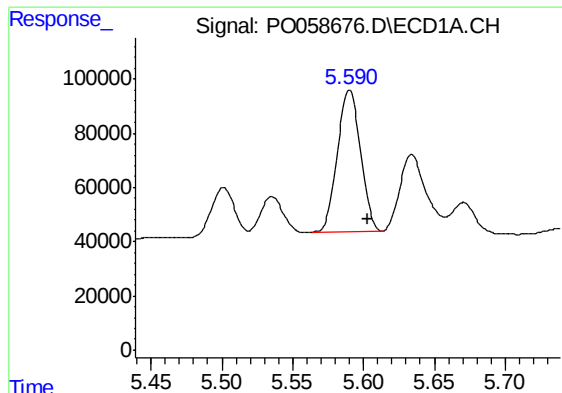
#14 AR-1232-4

R.T.: 5.501 min
Delta R.T.: -0.015 min
Response: 192741
Conc: 361.54 ng/ml



#14 AR-1232-4

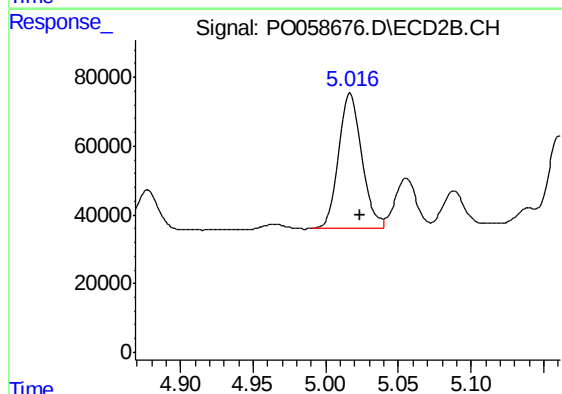
R.T.: 4.848 min
Delta R.T.: -0.006 min
Response: 292553
Conc: 740.13 ng/ml



#15 AR-1232-5

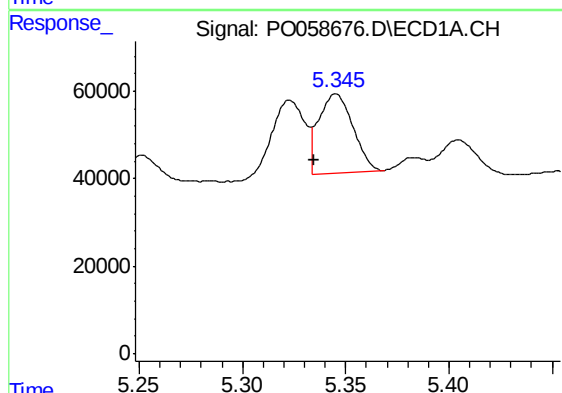
R.T.: 5.590 min
Delta R.T.: -0.013 min
Response: 594585
Conc: 1457.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



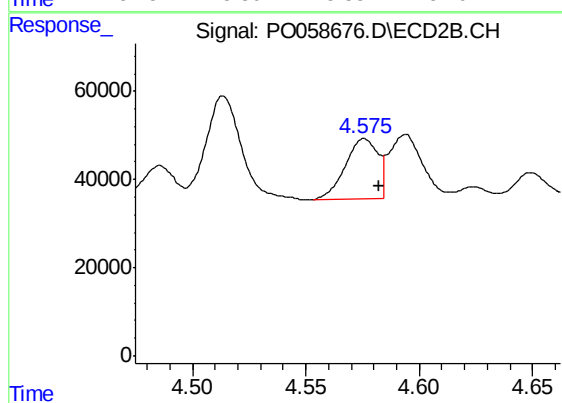
#15 AR-1232-5

R.T.: 5.017 min
Delta R.T.: -0.007 min
Response: 436392
Conc: 991.24 ng/ml



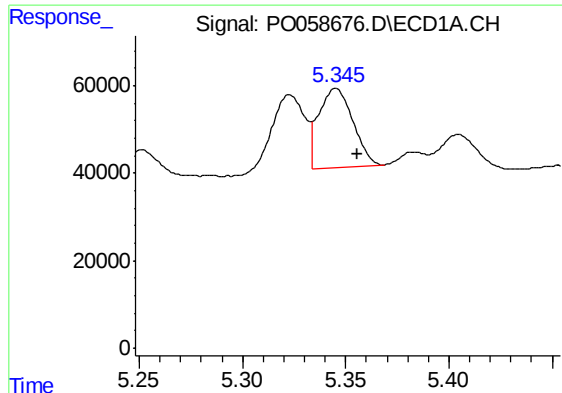
#16 AR-1242-1

R.T.: 5.345 min
Delta R.T.: 0.010 min
Response: 210763
Conc: 164.59 ng/ml



#16 AR-1242-1

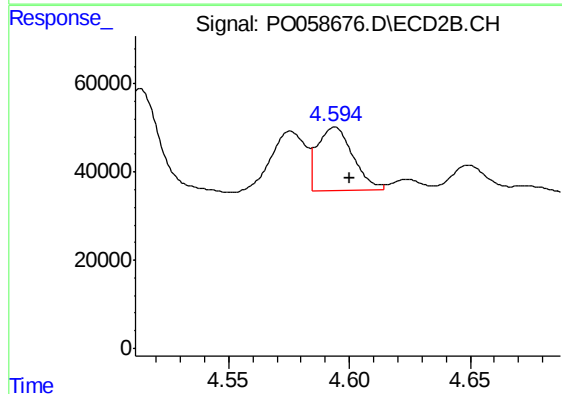
R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 135576
Conc: 133.55 ng/ml



#17 AR-1242-2

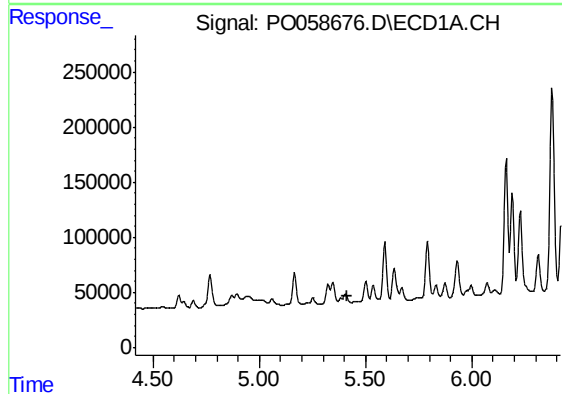
R.T.: 5.345 min
Delta R.T.: -0.010 min
Response: 210763
Conc: 111.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



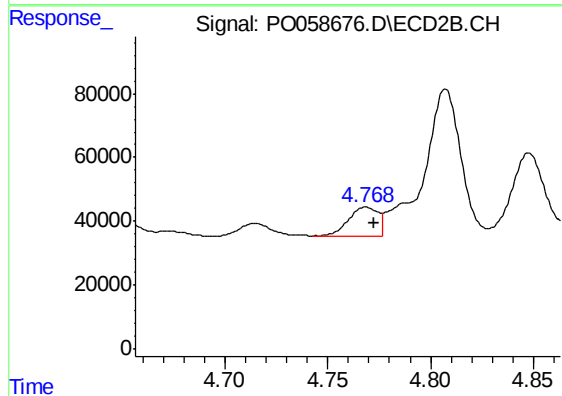
#17 AR-1242-2

R.T.: 4.594 min
Delta R.T.: -0.006 min
Response: 145369
Conc: 96.29 ng/ml



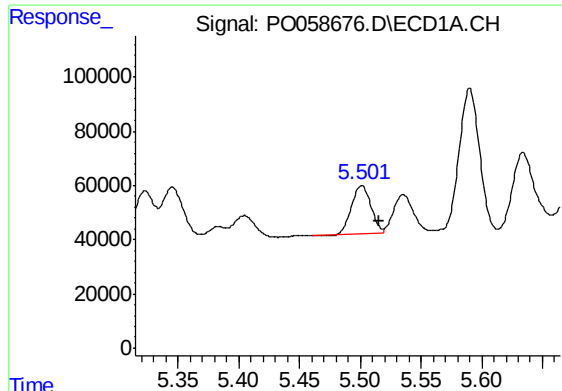
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.417 min
Response: 0
Conc: N.D.



#18 AR-1242-3

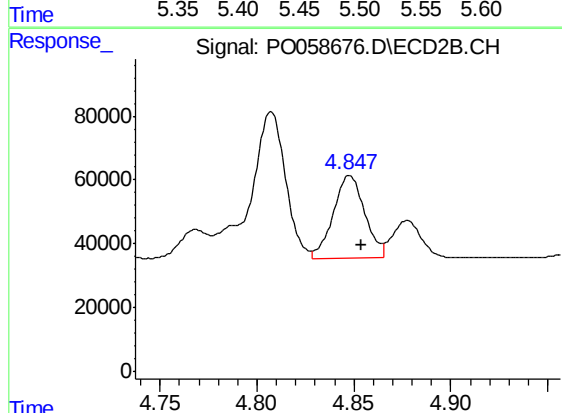
R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 89724
Conc: 110.17 ng/ml



#19 AR-1242-4

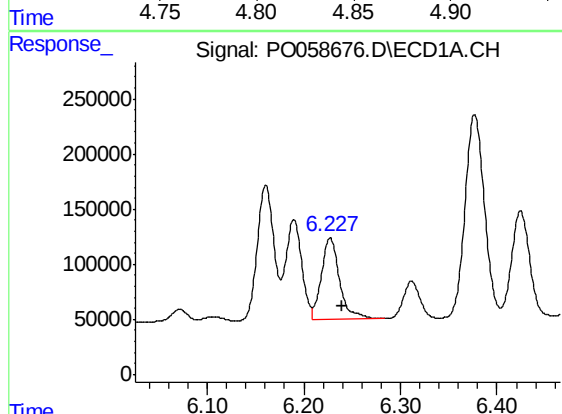
R.T.: 5.501 min
Delta R.T.: -0.014 min
Response: 192741
Conc: 200.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



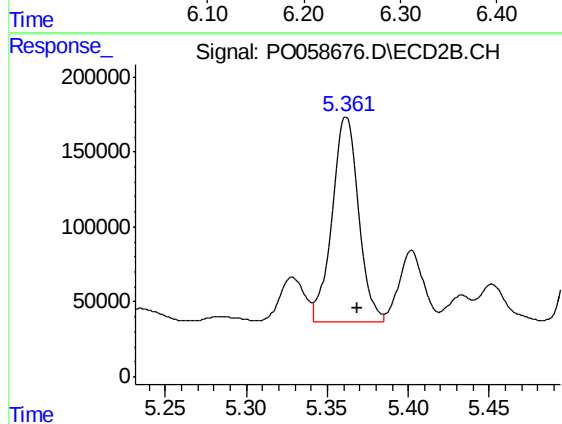
#19 AR-1242-4

R.T.: 4.848 min
Delta R.T.: -0.006 min
Response: 292553
Conc: 361.61 ng/ml



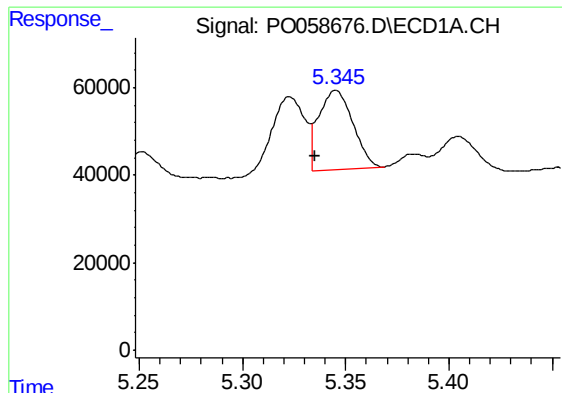
#20 AR-1242-5

R.T.: 6.227 min
Delta R.T.: -0.012 min
Response: 980208
Conc: 834.52 ng/ml



#20 AR-1242-5

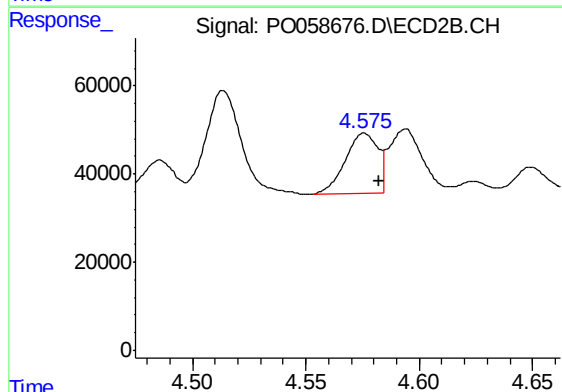
R.T.: 5.362 min
Delta R.T.: -0.007 min
Response: 1556687
Conc: 1451.20 ng/ml



#21 AR-1248-1

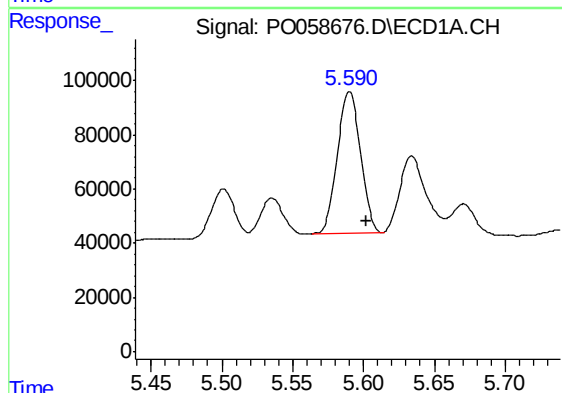
R.T.: 5.345 min
Delta R.T.: 0.010 min
Response: 210763
Conc: 208.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



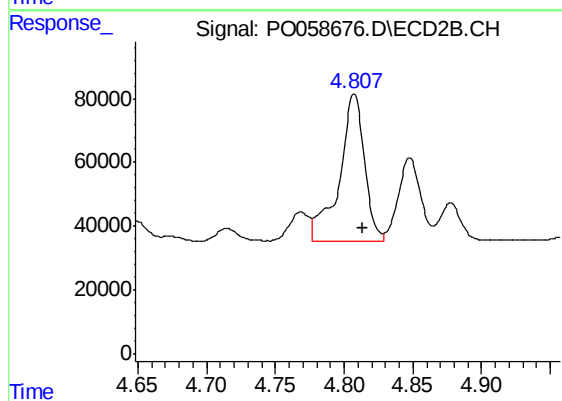
#21 AR-1248-1

R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 135576
Conc: 169.55 ng/ml



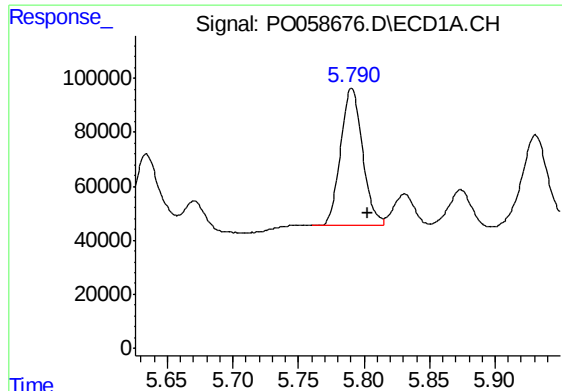
#22 AR-1248-2

R.T.: 5.590 min
Delta R.T.: -0.012 min
Response: 594585
Conc: 411.31 ng/ml



#22 AR-1248-2

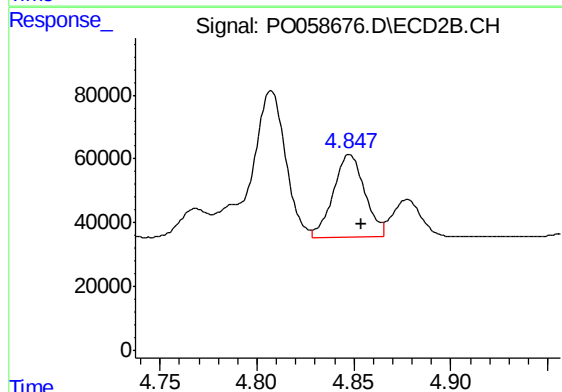
R.T.: 4.807 min
Delta R.T.: -0.006 min
Response: 585574
Conc: 528.50 ng/ml



#23 AR-1248-3

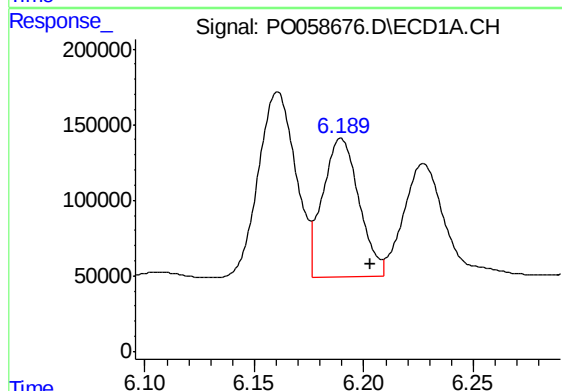
R.T.: 5.791 min
Delta R.T.: -0.013 min
Response: 592436
Conc: 360.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



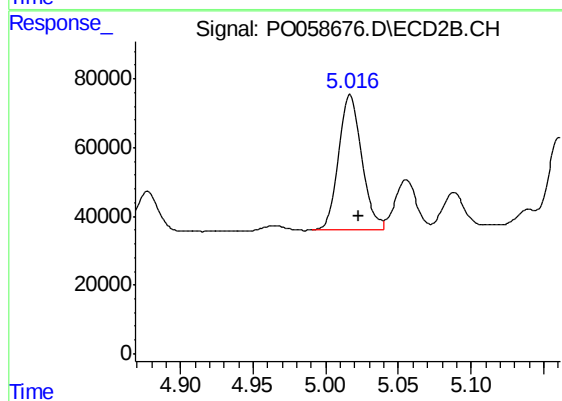
#23 AR-1248-3

R.T.: 4.848 min
Delta R.T.: -0.006 min
Response: 292553
Conc: 257.04 ng/ml



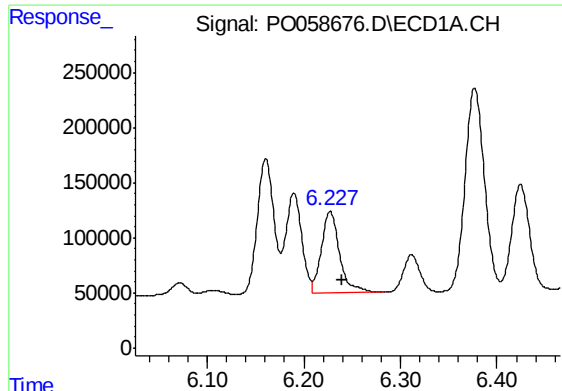
#24 AR-1248-4

R.T.: 6.190 min
Delta R.T.: -0.013 min
Response: 1058232
Conc: 522.52 ng/ml



#24 AR-1248-4

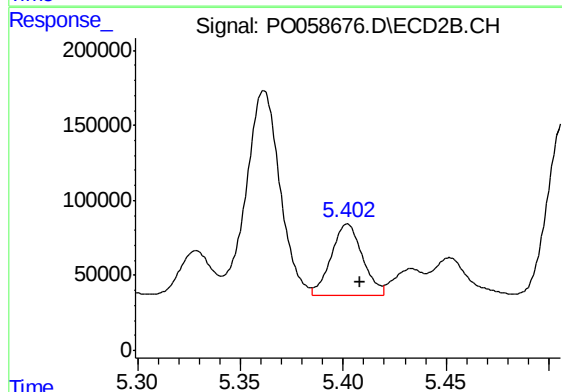
R.T.: 5.017 min
Delta R.T.: -0.006 min
Response: 436392
Conc: 312.38 ng/ml



#25 AR-1248-5

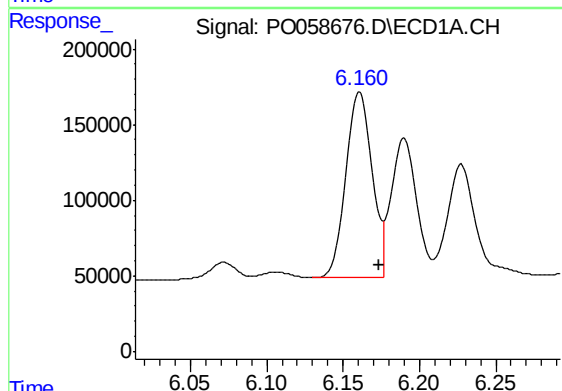
R.T.: 6.227 min
Delta R.T.: -0.012 min
Response: 980208
Conc: 507.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



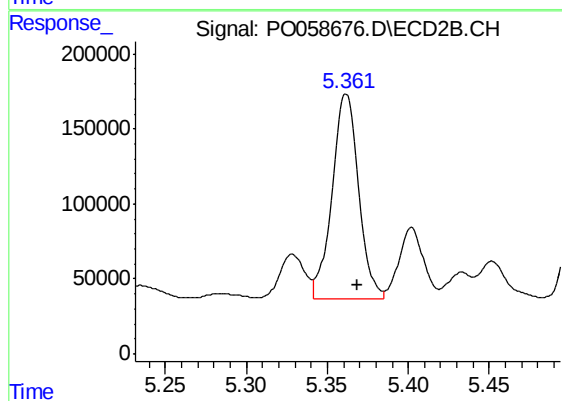
#25 AR-1248-5

R.T.: 5.402 min
Delta R.T.: -0.006 min
Response: 502994
Conc: 363.11 ng/ml



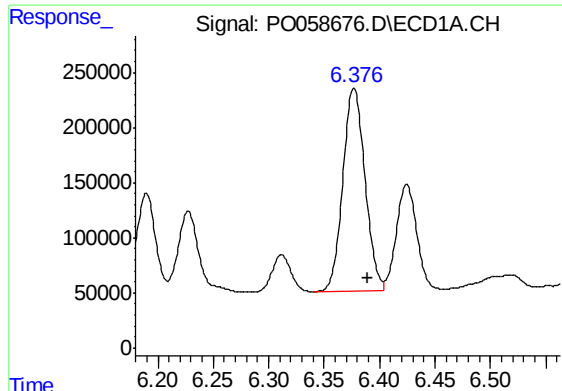
#26 AR-1254-1

R.T.: 6.161 min
Delta R.T.: -0.013 min
Response: 1454654
Conc: 616.04 ng/ml



#26 AR-1254-1

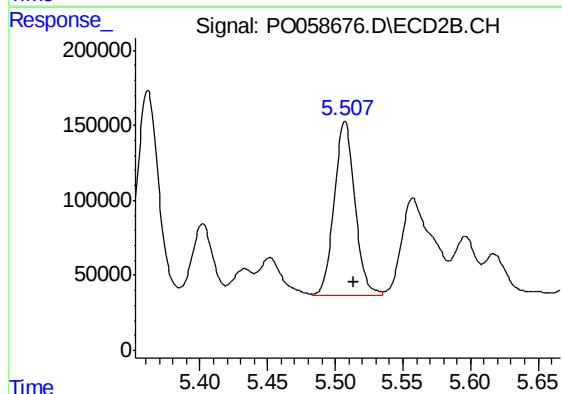
R.T.: 5.362 min
Delta R.T.: -0.007 min
Response: 1556687
Conc: 600.91 ng/ml



#27 AR-1254-2

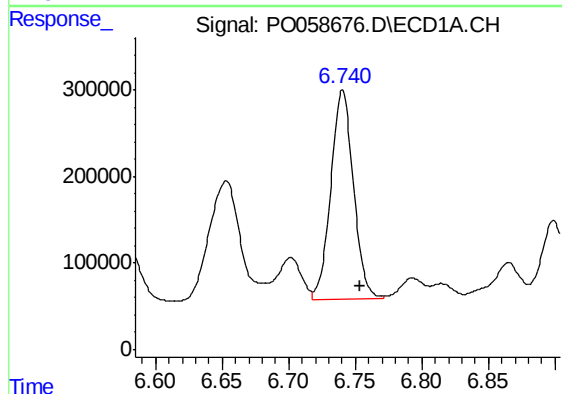
R.T.: 6.377 min
Delta R.T.: -0.012 min
Response: 2546455
Conc: 660.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



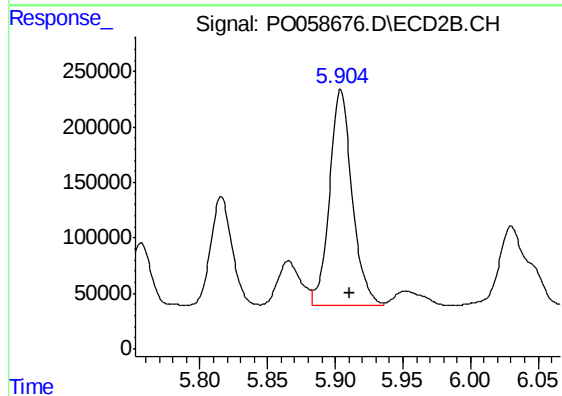
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: -0.006 min
Response: 1227282
Conc: 536.06 ng/ml



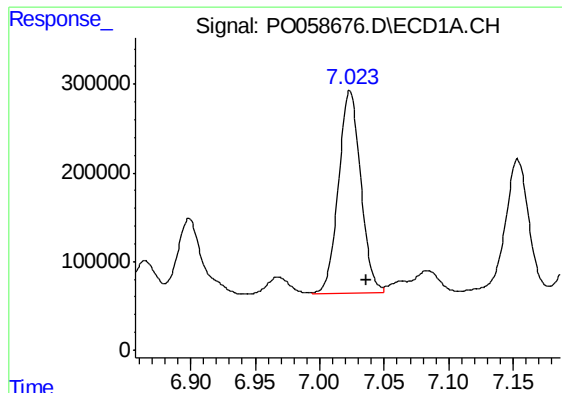
#28 AR-1254-3

R.T.: 6.740 min
Delta R.T.: -0.013 min
Response: 2849357
Conc: 703.61 ng/ml



#28 AR-1254-3

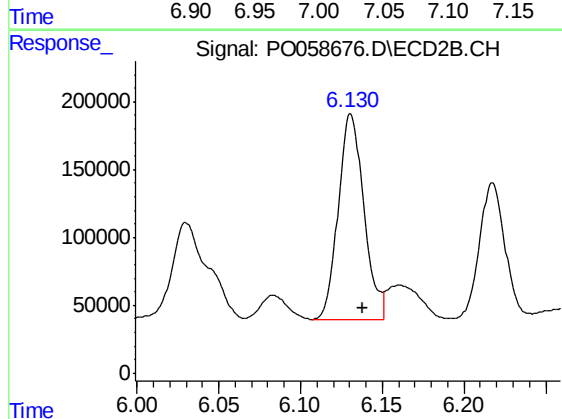
R.T.: 5.904 min
Delta R.T.: -0.007 min
Response: 2267056
Conc: 616.15 ng/ml



#29 AR-1254-4

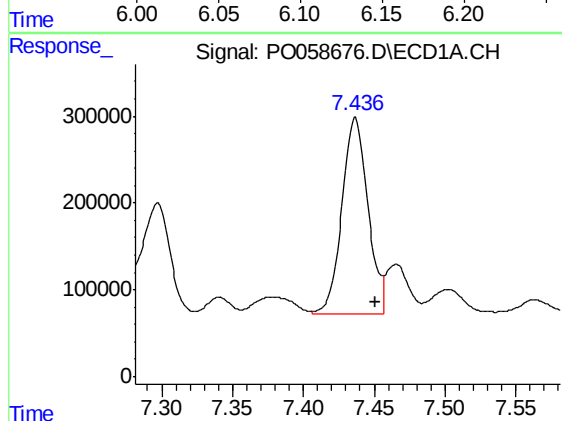
R.T.: 7.024 min
Delta R.T.: -0.013 min
Response: 2752482
Conc: 764.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



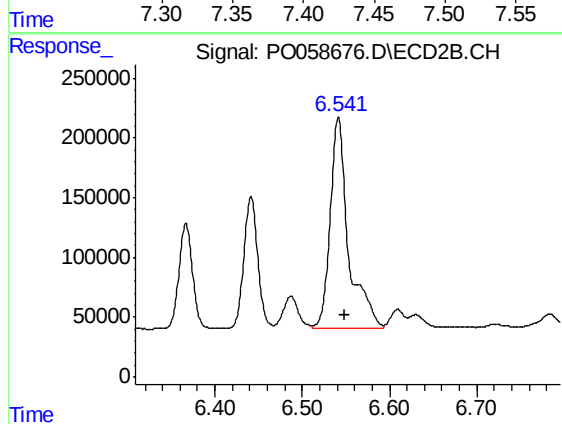
#29 AR-1254-4

R.T.: 6.131 min
Delta R.T.: -0.007 min
Response: 1659141
Conc: 713.54 ng/ml



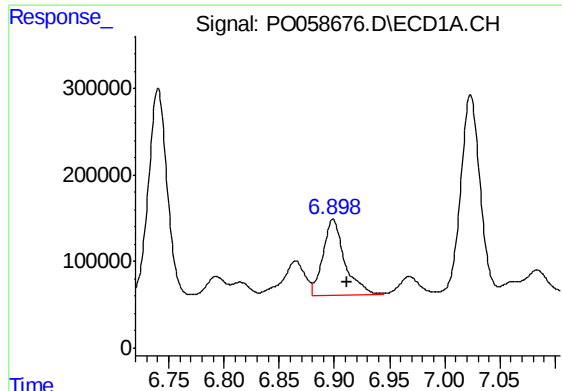
#30 AR-1254-5

R.T.: 7.437 min
Delta R.T.: -0.014 min
Response: 2883511
Conc: 795.50 ng/ml



#30 AR-1254-5

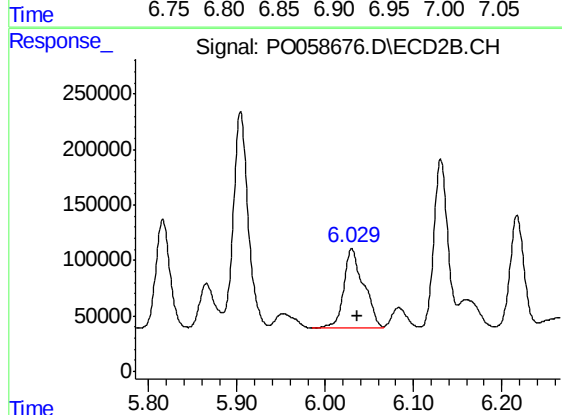
R.T.: 6.541 min
Delta R.T.: -0.007 min
Response: 2569738
Conc: 744.95 ng/ml



#31 AR-1260-1

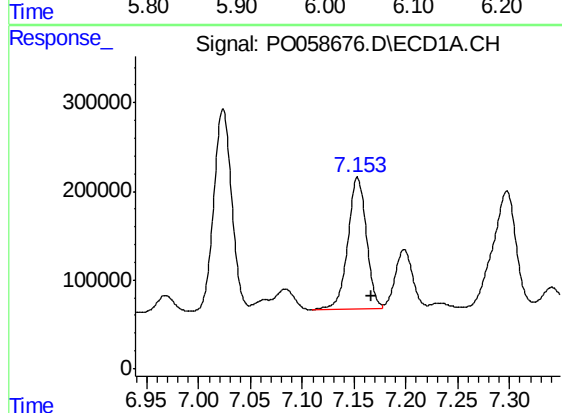
R.T.: 6.899 min
Delta R.T.: -0.013 min
Response: 1189079
Conc: 413.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



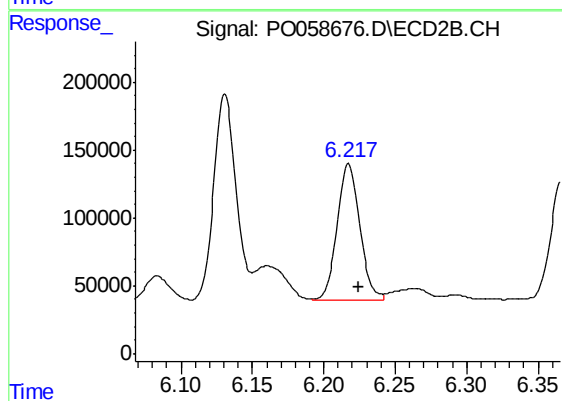
#31 AR-1260-1

R.T.: 6.030 min
Delta R.T.: -0.007 min
Response: 1128533
Conc: 474.16 ng/ml



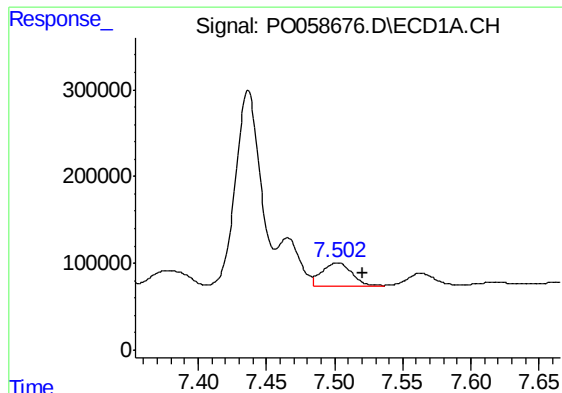
#32 AR-1260-2

R.T.: 7.153 min
Delta R.T.: -0.014 min
Response: 1866691
Conc: 448.72 ng/ml



#32 AR-1260-2

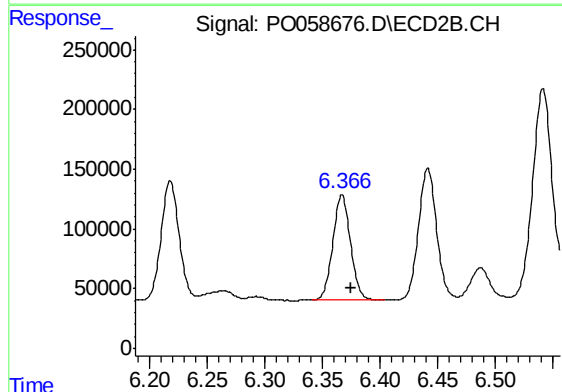
R.T.: 6.217 min
Delta R.T.: -0.007 min
Response: 1109775
Conc: 366.35 ng/ml



#33 AR-1260-3

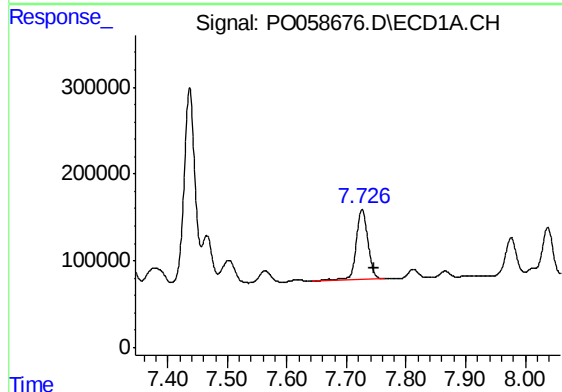
R.T.: 7.502 min
Delta R.T.: -0.018 min
Response: 418742
Conc: 112.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



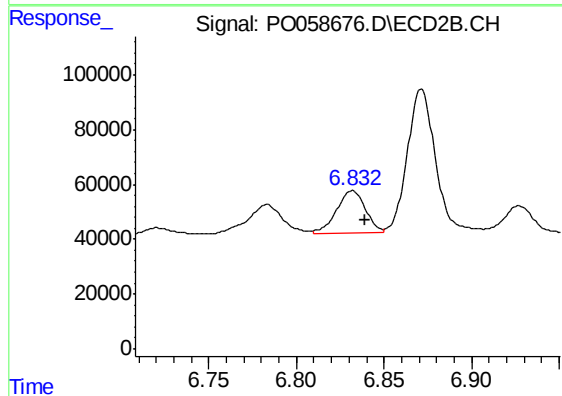
#33 AR-1260-3

R.T.: 6.367 min
Delta R.T.: -0.008 min
Response: 936371
Conc: 346.82 ng/ml



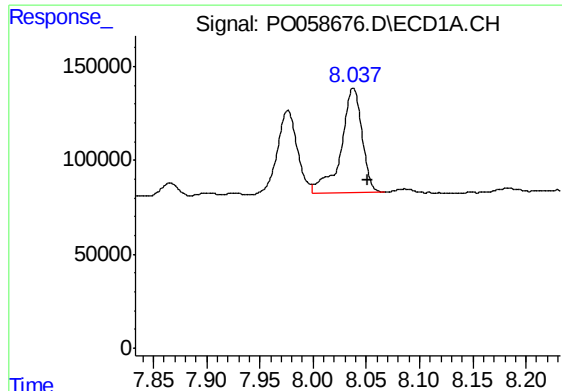
#34 AR-1260-4

R.T.: 7.726 min
Delta R.T.: -0.020 min
Response: 1131393
Conc: 332.00 ng/ml



#34 AR-1260-4

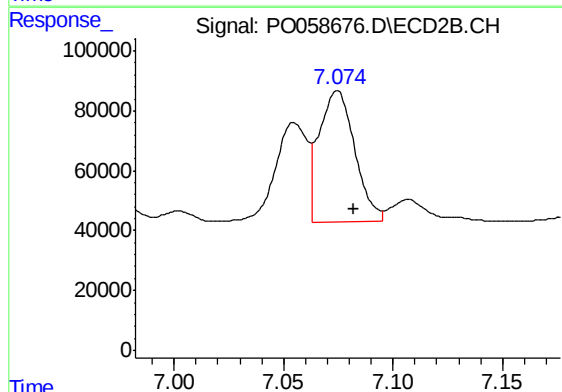
R.T.: 6.832 min
Delta R.T.: -0.007 min
Response: 178036
Conc: 78.79 ng/ml



#35 AR-1260-5

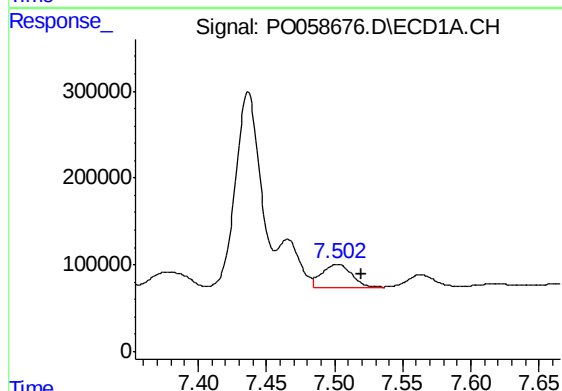
R.T.: 8.038 min
Delta R.T.: -0.014 min
Response: 769777
Conc: 104.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



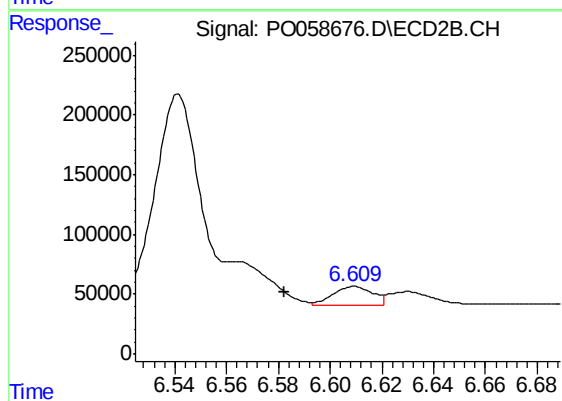
#35 AR-1260-5

R.T.: 7.075 min
Delta R.T.: -0.007 min
Response: 499333
Conc: 92.72 ng/ml



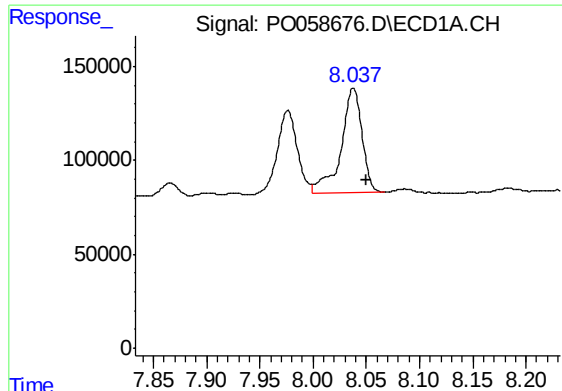
#36 AR-1262-1

R.T.: 7.502 min
Delta R.T.: -0.017 min
Response: 418742
Conc: 83.08 ng/ml



#36 AR-1262-1

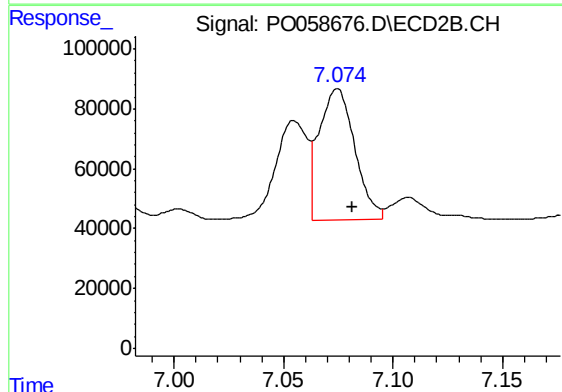
R.T.: 6.609 min
Delta R.T.: 0.027 min
Response: 160446
Conc: 44.92 ng/ml



#37 AR-1262-2

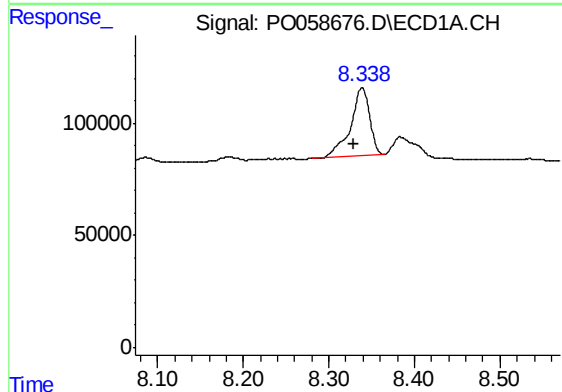
R.T.: 8.038 min
Delta R.T.: -0.012 min
Response: 769777
Conc: 96.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



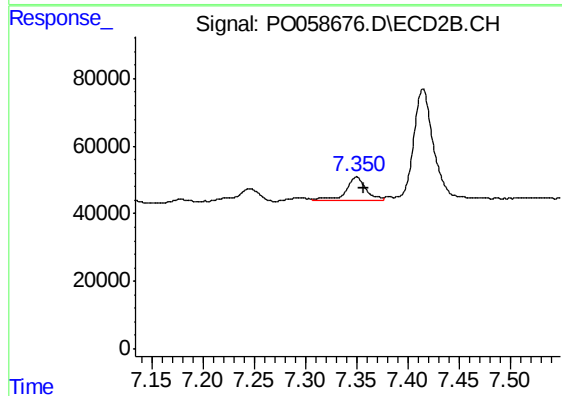
#37 AR-1262-2

R.T.: 7.075 min
Delta R.T.: -0.007 min
Response: 499333
Conc: 88.44 ng/ml



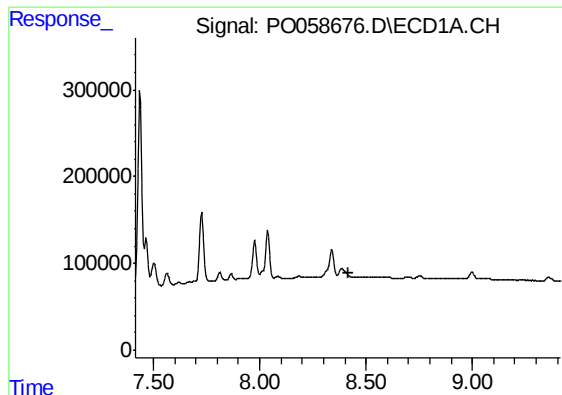
#38 AR-1262-3

R.T.: 8.339 min
Delta R.T.: 0.009 min
Response: 471450
Conc: 92.74 ng/ml



#38 AR-1262-3

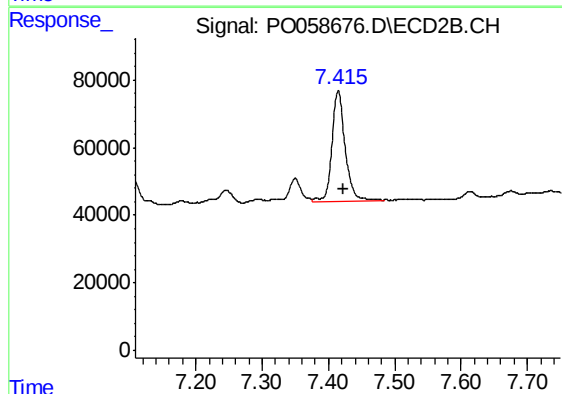
R.T.: 7.350 min
Delta R.T.: -0.007 min
Response: 98212
Conc: 39.79 ng/ml



#39 AR-1262-4

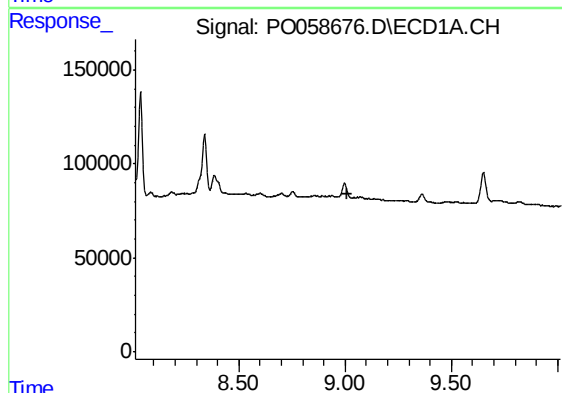
R.T.: 0.000 min
Exp R.T. : 8.415 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-5DL



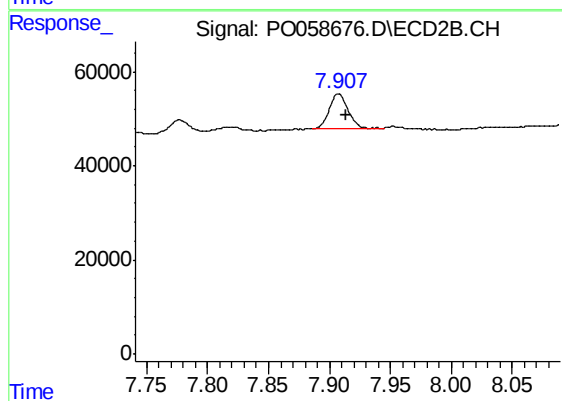
#39 AR-1262-4

R.T.: 7.415 min
Delta R.T.: -0.007 min
Response: 447426
Conc: 105.37 ng/ml



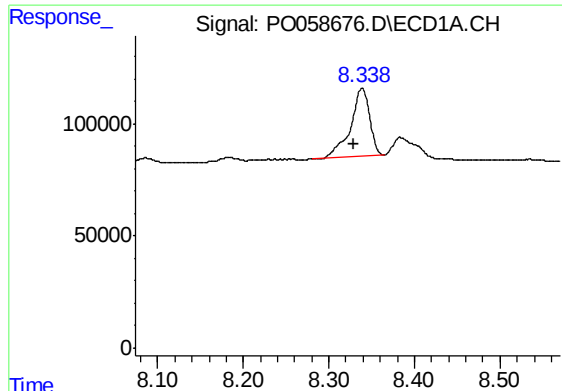
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.013 min
Response: 0
Conc: N.D.



#40 AR-1262-5

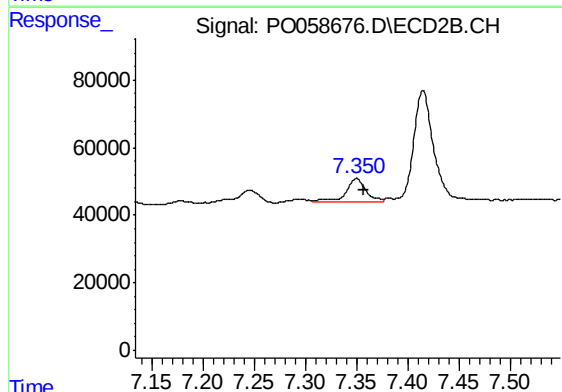
R.T.: 7.908 min
Delta R.T.: -0.006 min
Response: 79726
Conc: 46.89 ng/ml



#41 AR-1268-1

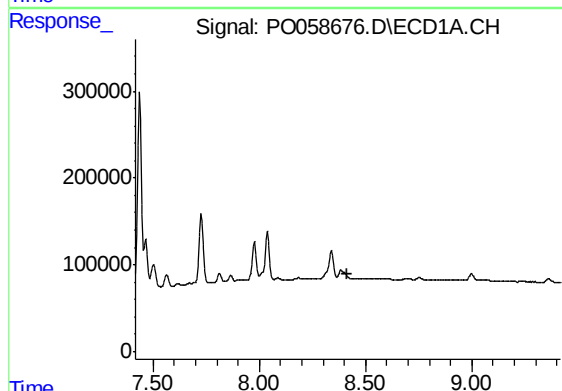
R.T.: 8.339 min
Delta R.T.: 0.009 min
Response: 471450
Conc: 42.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-5DL



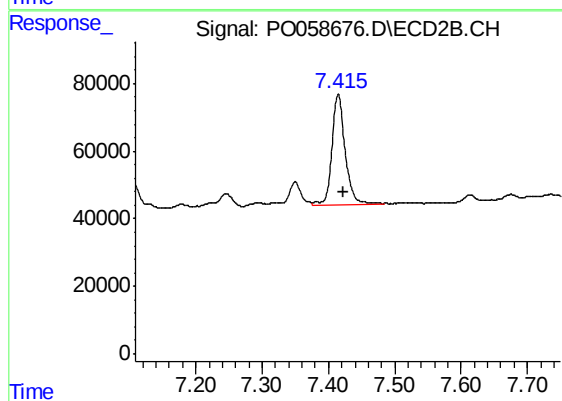
#41 AR-1268-1

R.T.: 7.350 min
Delta R.T.: -0.007 min
Response: 98212
Conc: 12.06 ng/ml



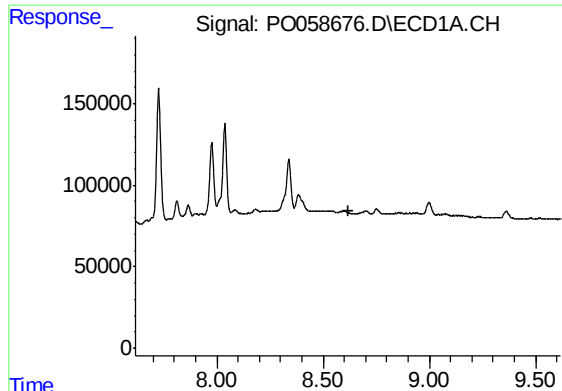
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.417 min
Response: 0
Conc: N.D.



#42 AR-1268-2

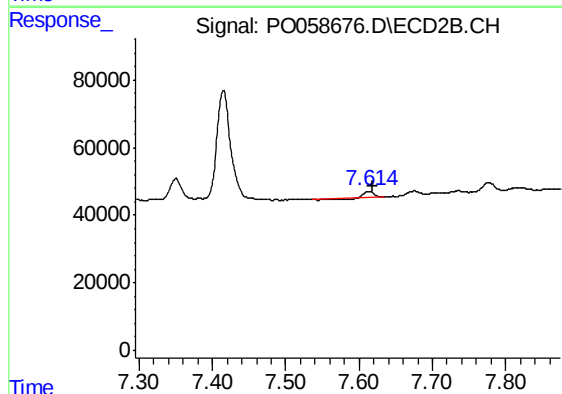
R.T.: 7.415 min
Delta R.T.: -0.007 min
Response: 447426
Conc: 59.05 ng/ml



#43 AR-1268-3

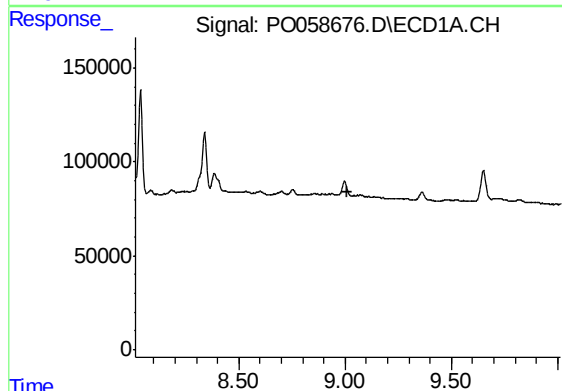
R.T.: 0.000 min
Exp R.T. : 8.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-5DL



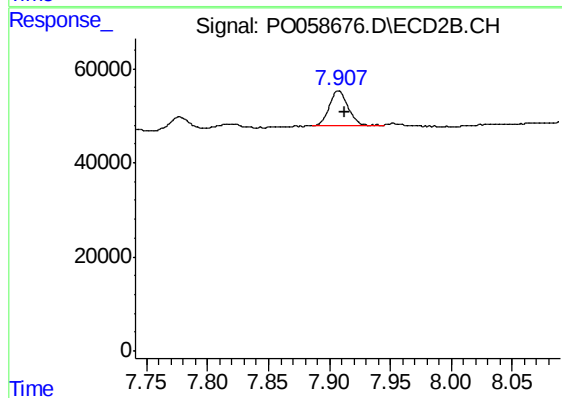
#43 AR-1268-3

R.T.: 7.613 min
Delta R.T.: -0.006 min
Response: 14425
Conc: 2.26 ng/ml



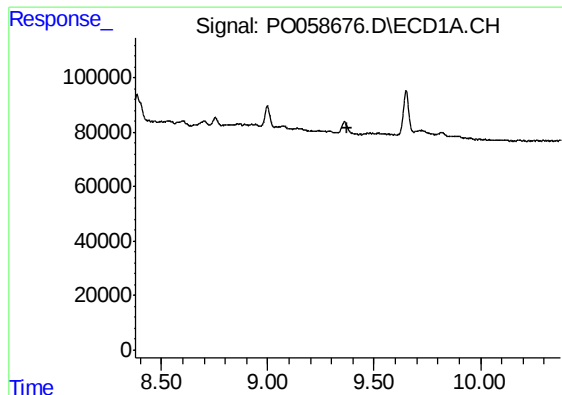
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.014 min
Response: 0
Conc: N.D.



#44 AR-1268-4

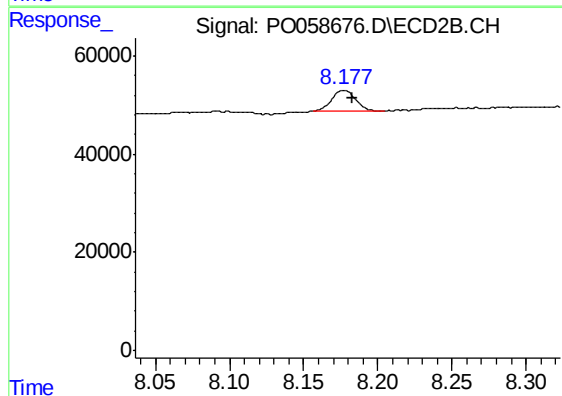
R.T.: 7.908 min
Delta R.T.: -0.006 min
Response: 79726
Conc: 34.35 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.377 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-5DL



#45 AR-1268-5

R.T.: 8.177 min
Delta R.T.: -0.006 min
Response: 47131
Conc: 2.75 ng/ml