

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082719\
 Data File : P0059908.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Aug 2019 21:12
 Operator : SM/AJ
 Sample : K4506-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 RO-COMP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 04:30:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 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...	4.125	3.501	860520	751958	24.577	20.890
2)	SA Decachlor...	9.594	8.359	681392	471719	12.808	11.699
Target Compounds							
3)	L1 AR-1016-1	5.273	4.567	71275	120700	44.439	89.279 #
4)	L1 AR-1016-2	5.305	4.567	727627	120700	304.129	60.259 #
5)	L1 AR-1016-3	5.365	4.779	1295320	237596	869.620	219.619 #
6)	L1 AR-1016-4	0.000	4.779	0	237596	N.D.	263.121 #
7)	L1 AR-1016-5	0.000	5.058	0	419316	N.D.	364.012 #
8)	L2 AR-1221-1	0.000	3.756	0	331241	N.D.	825.243 #
9)	L2 AR-1221-2	0.000	3.796	0	119529	N.D.	392.383 #
10)	L2 AR-1221-3	0.000	3.866	0	165559	N.D.	169.206 #
11)	L3 AR-1232-1	0.000	3.866	0	165559	N.D.	145.211 #
12)	L3 AR-1232-2	5.011	4.567	291849	120700	413.151	94.773 #
13)	L3 AR-1232-3	5.305	4.779	727627	237596	475.149	348.939 #
14)	L3 AR-1232-4	5.540	4.849	354537	2156879	453.442	3535.536 #
15)	L3 AR-1232-5	5.583	5.058	1104825	419316	1837.915	615.975 #
16)	L4 AR-1242-1	5.305	4.567	727627	120700	573.153	117.337 #
17)	L4 AR-1242-2	5.305	4.567	727627	120700	392.114	79.247 #
18)	L4 AR-1242-3	5.365	4.779	1295320	237596	1108.210	284.375 #
19)	L4 AR-1242-4	5.540	4.849	354537	2156879	366.304	2584.995 #
20)	L4 AR-1242-5	6.178	5.329	346234	318111	275.533	284.382
21)	L5 AR-1248-1	5.273	4.567	71275	120700	71.094	145.769 #
22)	L5 AR-1248-2	5.540	4.779	354537	237596	244.356	206.045
23)	L5 AR-1248-3	0.000	4.818	0	870472	N.D.	732.875 #
24)	L5 AR-1248-4	6.111	5.058	354914	419316	173.628	288.570 #
25)	L5 AR-1248-5	6.178	5.370	346234	147787	174.594	103.255 #
26)	L6 AR-1254-1	6.111	5.329	354914	318111	170.107	134.122
27)	L6 AR-1254-2	6.322	5.476	909207	648073	272.524	308.856
28)	L6 AR-1254-3	6.692	5.880	403675	743766	113.761	221.194 #
29)	L6 AR-1254-4	6.974	6.096	358647	153355	121.760	74.378 #
30)	L6 AR-1254-5	7.389	6.503	1810410	1262227	585.439	406.518 #
31)	L7 AR-1260-1	6.849	5.995	1222423	1010737	453.451	443.518
32)	L7 AR-1260-2	7.104	6.183	1914196	1426178	515.889	486.771
33)	L7 AR-1260-3	7.460	6.331	1228807	845531	375.056	319.172
34)	L7 AR-1260-4	7.686	6.793	1108201	727726	360.822	321.636
35)	L7 AR-1260-5	7.994	7.037	2886502	2263548	407.646	411.306
36)	L8 AR-1262-1	7.517	6.538	662297	1015629	136.474	272.465 #
37)	L8 AR-1262-2	8.038	7.037	149883	2263548	19.425	385.019 #
38)	L8 AR-1262-3	8.295	7.310	1186244	452590	232.492	178.117
39)	L8 AR-1262-4	8.341	7.376	1066485	1603642	276.669	362.901 #
40)	L8 AR-1262-5	8.948	7.868	732950	499187	285.577	276.472
41)	L9 AR-1268-1	8.295	7.310	1186244	452590	126.053	63.558 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082719\
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 Acq On : 27 Aug 2019 21:12
 Operator : SM/AJ
 Sample : K4506-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

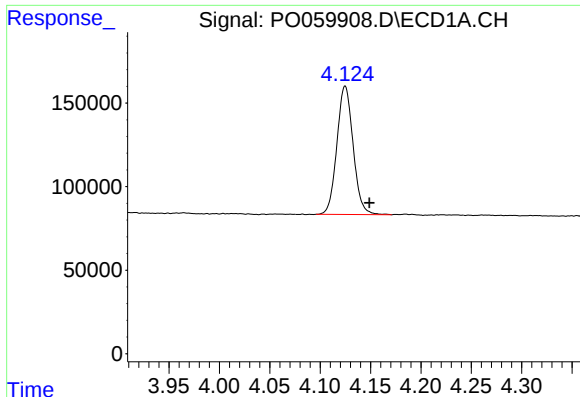
Instrument :
 ECD_O
 ClientSampleId :
 RO-COMP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.341	7.376	1066485	1603642	135.295	248.704 #
44) L9	AR-1268-4	8.948	7.868	732950	499187	263.647	244.544
45) L9	AR-1268-5	9.307	8.134	164606	75564	8.926	5.201 #

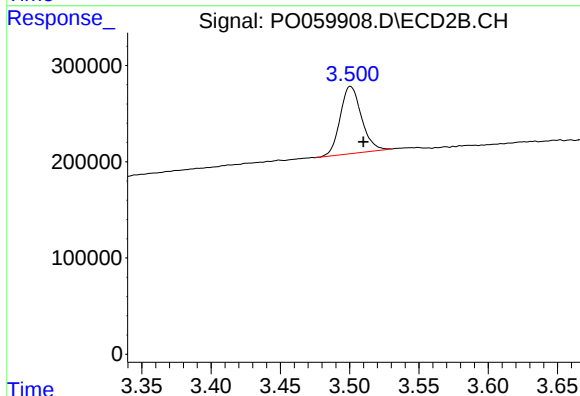
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

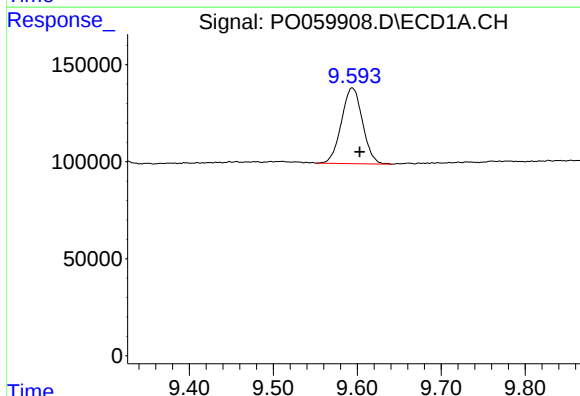
R.T.: 4.125 min
Delta R.T.: -0.024 min
Response: 860520
Conc: 24.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



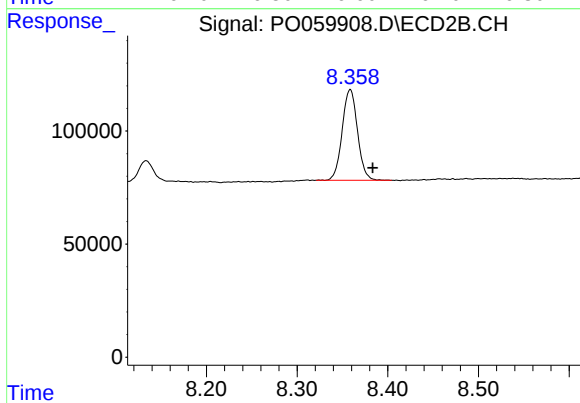
#1 Tetrachloro-m-xylene

R.T.: 3.501 min
Delta R.T.: -0.009 min
Response: 751958
Conc: 20.89 ng/ml



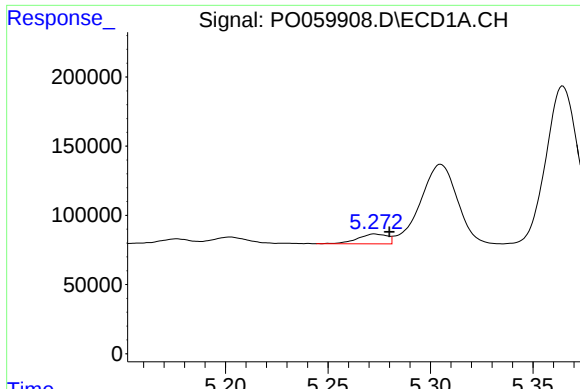
#2 Decachlorobiphenyl

R.T.: 9.594 min
Delta R.T.: -0.009 min
Response: 681392
Conc: 12.81 ng/ml



#2 Decachlorobiphenyl

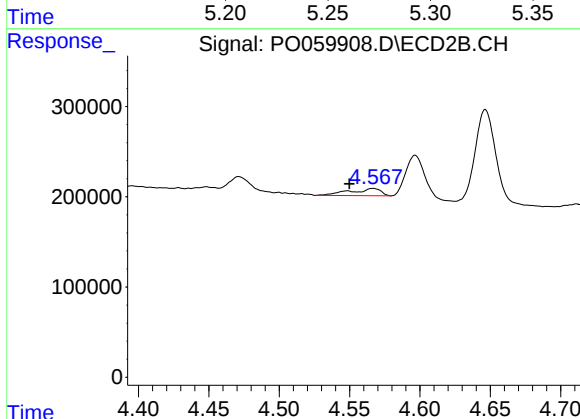
R.T.: 8.359 min
Delta R.T.: -0.025 min
Response: 471719
Conc: 11.70 ng/ml



#3 AR-1016-1

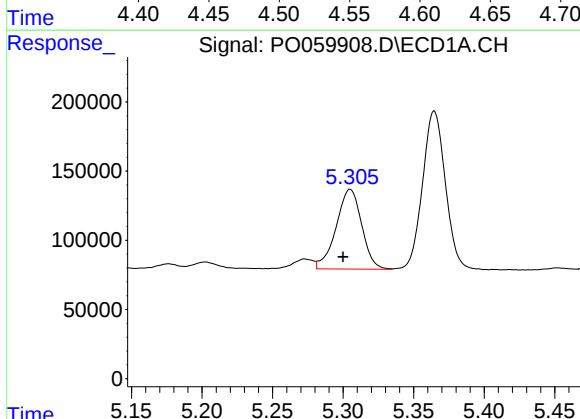
R.T.: 5.273 min
Delta R.T.: -0.007 min
Response: 71275
Conc: 44.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



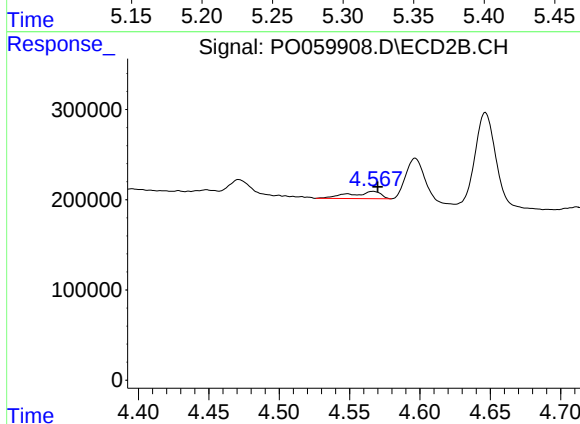
#3 AR-1016-1

R.T.: 4.567 min
Delta R.T.: 0.017 min
Response: 120700
Conc: 89.28 ng/ml



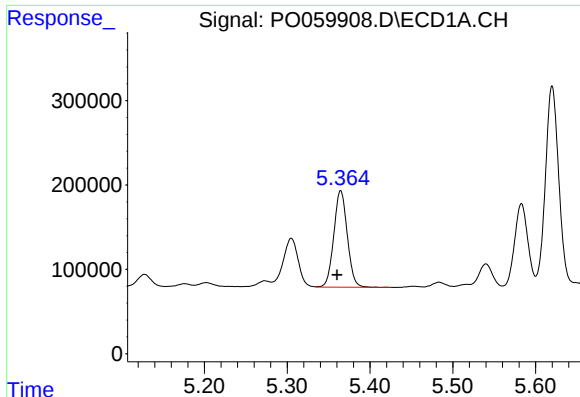
#4 AR-1016-2

R.T.: 5.305 min
Delta R.T.: 0.005 min
Response: 727627
Conc: 304.13 ng/ml



#4 AR-1016-2

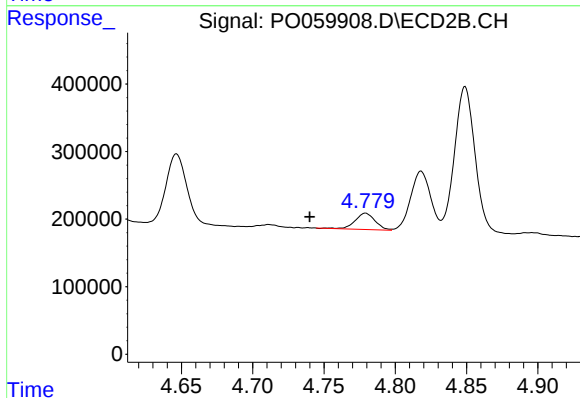
R.T.: 4.567 min
Delta R.T.: -0.003 min
Response: 120700
Conc: 60.26 ng/ml



#5 AR-1016-3

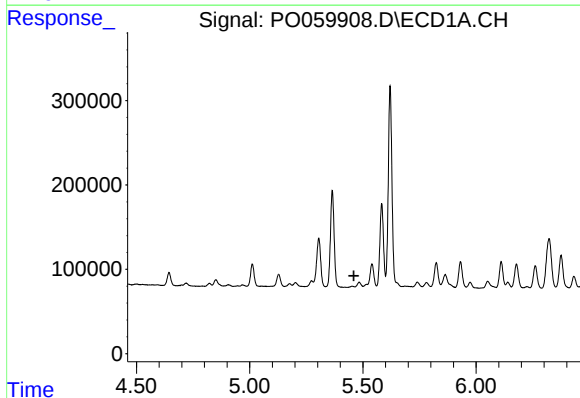
R.T.: 5.365 min
Delta R.T.: 0.005 min
Response: 1295320
Conc: 869.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



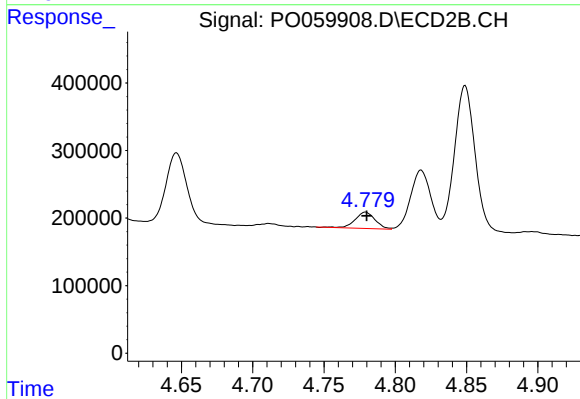
#5 AR-1016-3

R.T.: 4.779 min
Delta R.T.: 0.039 min
Response: 237596
Conc: 219.62 ng/ml



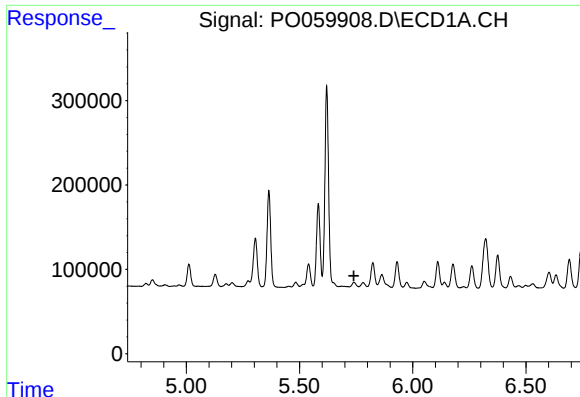
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.460 min
Response: 0
Conc: N.D.



#6 AR-1016-4

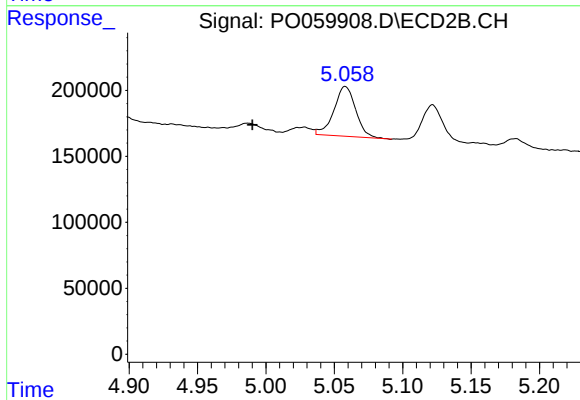
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 237596
Conc: 263.12 ng/ml



#7 AR-1016-5

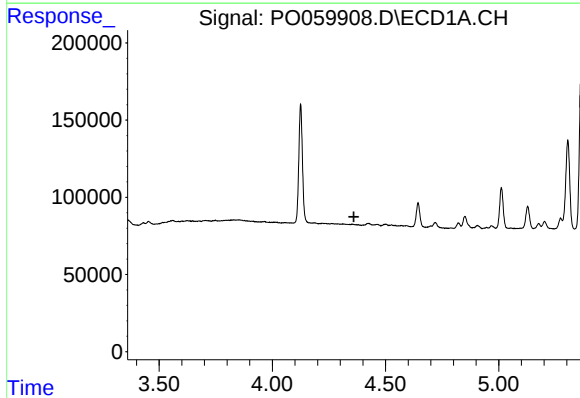
R.T.: 0.000 min
Exp R.T. : 5.740 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
RO-COMP



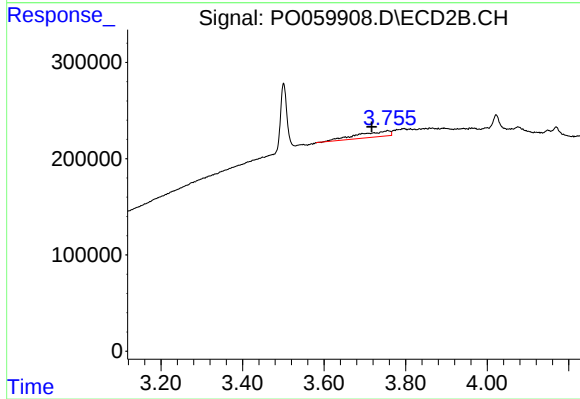
#7 AR-1016-5

R.T.: 5.058 min
Delta R.T.: 0.068 min
Response: 419316
Conc: 364.01 ng/ml



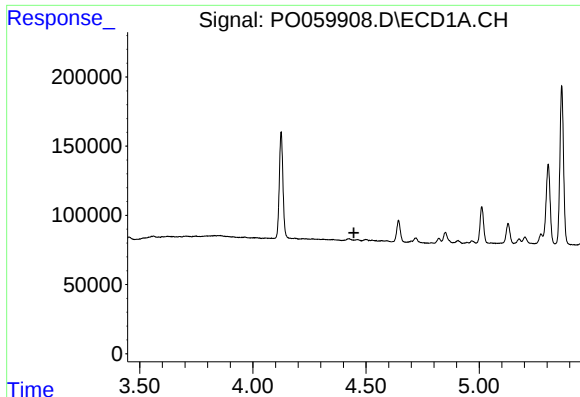
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.360 min
Response: 0
Conc: N.D.



#8 AR-1221-1

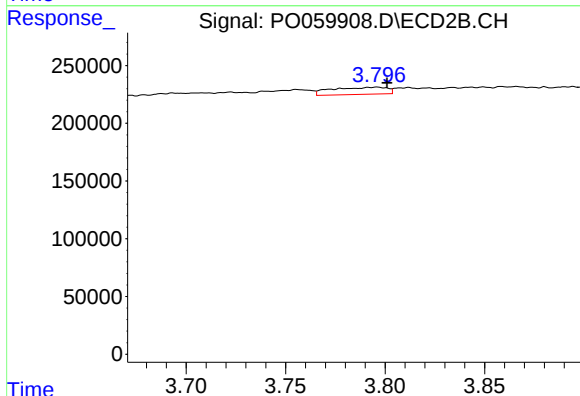
R.T.: 3.756 min
Delta R.T.: 0.039 min
Response: 331241
Conc: 825.24 ng/ml



#9 AR-1221-2

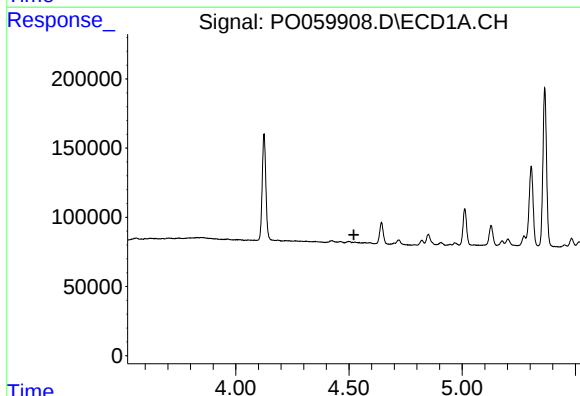
R.T.: 0.000 min
Exp R.T.: 4.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
RO-COMP



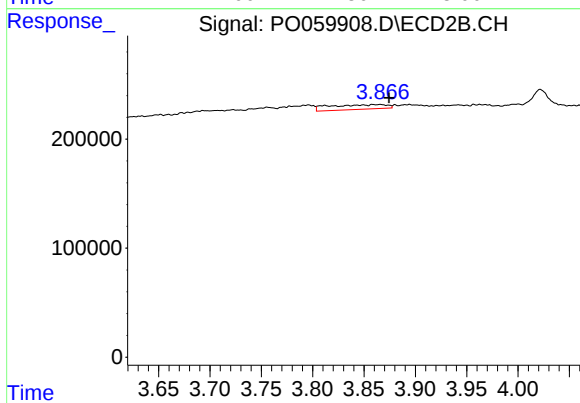
#9 AR-1221-2

R.T.: 3.796 min
Delta R.T.: -0.005 min
Response: 119529
Conc: 392.38 ng/ml



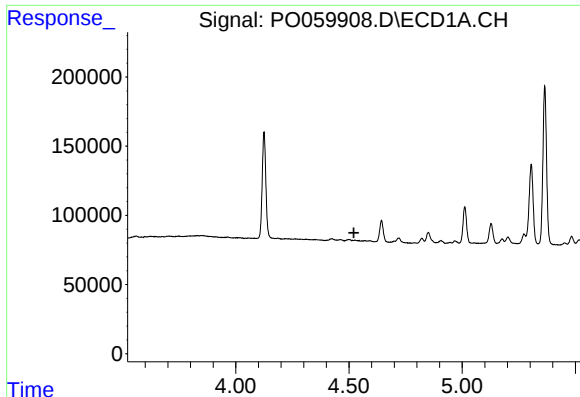
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.522 min
Response: 0
Conc: N.D.



#10 AR-1221-3

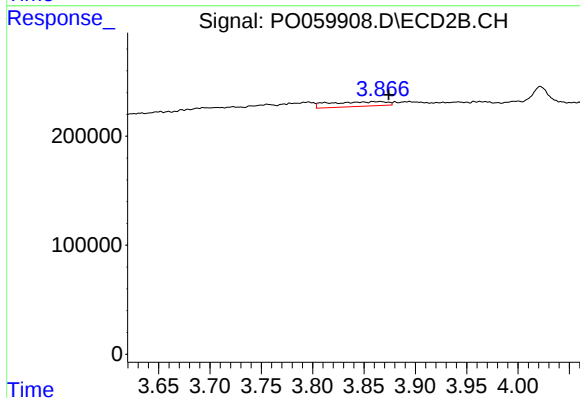
R.T.: 3.866 min
Delta R.T.: -0.008 min
Response: 165559
Conc: 169.21 ng/ml



#11 AR-1232-1

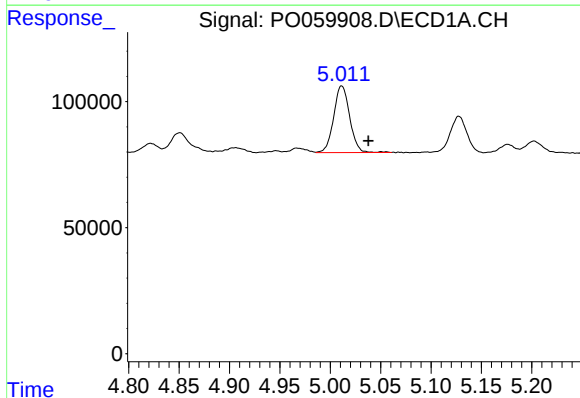
R.T.: 0.000 min
Exp R.T.: 4.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
RO-COMP



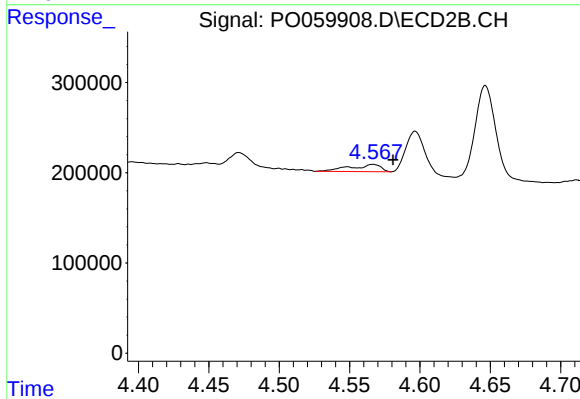
#11 AR-1232-1

R.T.: 3.866 min
Delta R.T.: -0.008 min
Response: 165559
Conc: 145.21 ng/ml



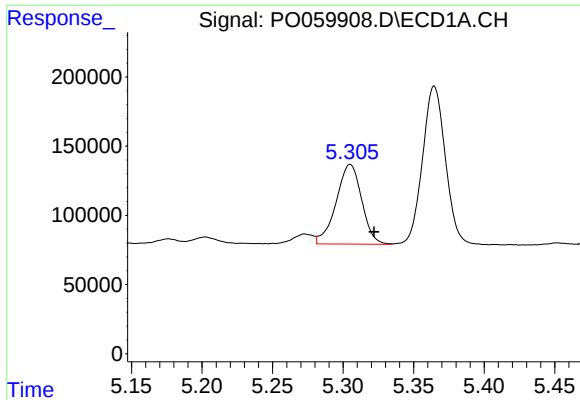
#12 AR-1232-2

R.T.: 5.011 min
Delta R.T.: -0.026 min
Response: 291849
Conc: 413.15 ng/ml



#12 AR-1232-2

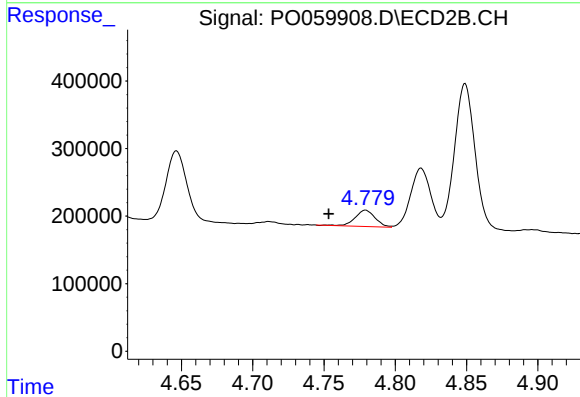
R.T.: 4.567 min
Delta R.T.: -0.014 min
Response: 120700
Conc: 94.77 ng/ml



#13 AR-1232-3

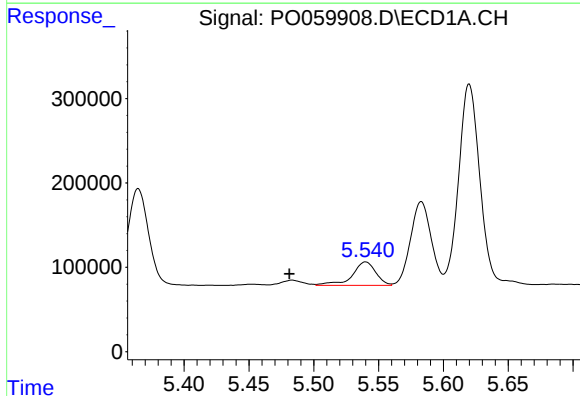
R.T.: 5.305 min
Delta R.T.: -0.017 min
Response: 727627
Conc: 475.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



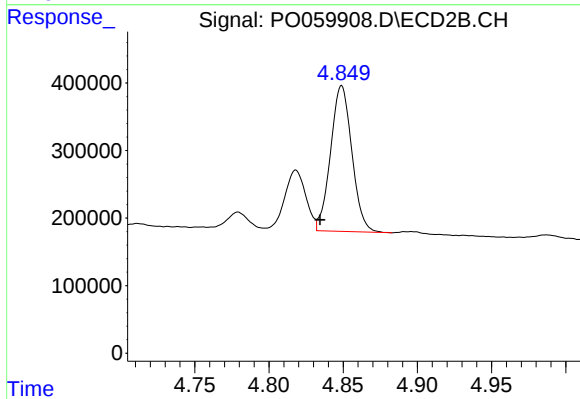
#13 AR-1232-3

R.T.: 4.779 min
Delta R.T.: 0.026 min
Response: 237596
Conc: 348.94 ng/ml



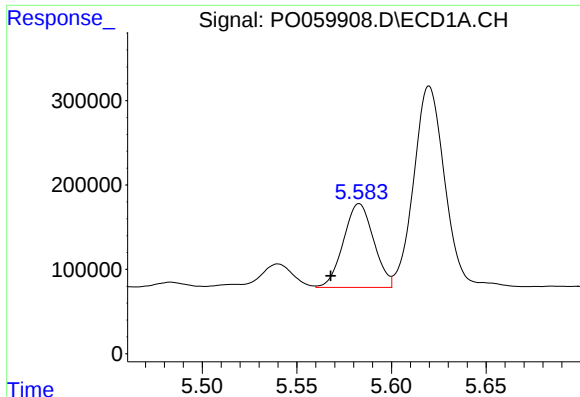
#14 AR-1232-4

R.T.: 5.540 min
Delta R.T.: 0.059 min
Response: 354537
Conc: 453.44 ng/ml



#14 AR-1232-4

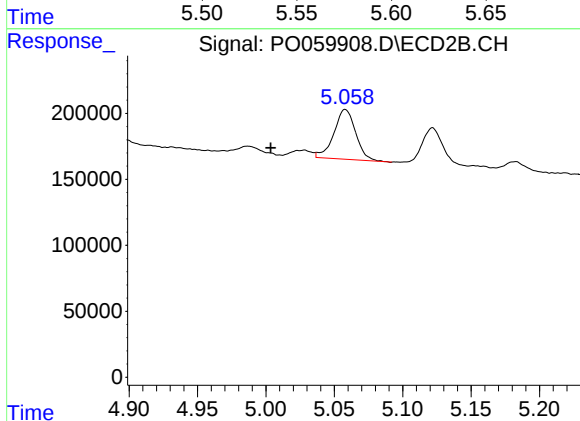
R.T.: 4.849 min
Delta R.T.: 0.015 min
Response: 2156879
Conc: 3535.54 ng/ml



#15 AR-1232-5

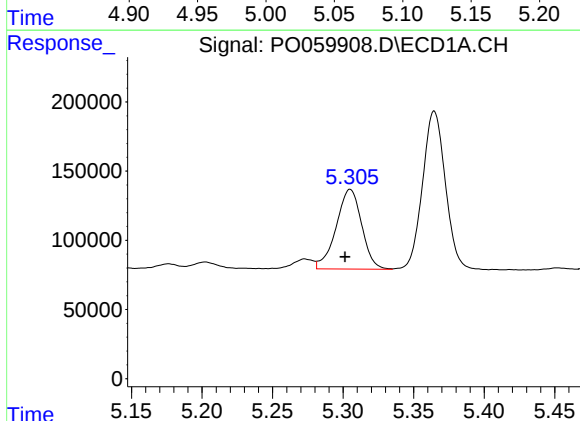
R.T.: 5.583 min
Delta R.T.: 0.015 min
Response: 1104825
Conc: 1837.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



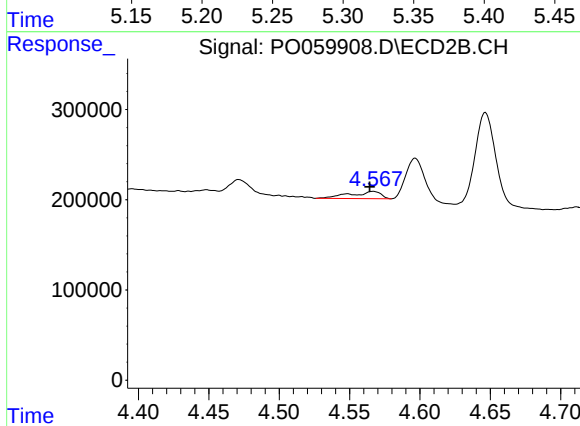
#15 AR-1232-5

R.T.: 5.058 min
Delta R.T.: 0.054 min
Response: 419316
Conc: 615.97 ng/ml



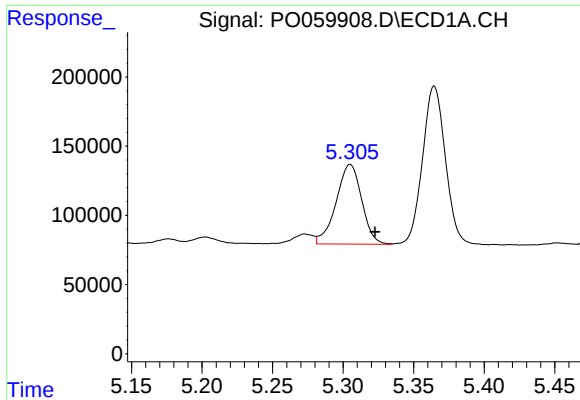
#16 AR-1242-1

R.T.: 5.305 min
Delta R.T.: 0.004 min
Response: 727627
Conc: 573.15 ng/ml



#16 AR-1242-1

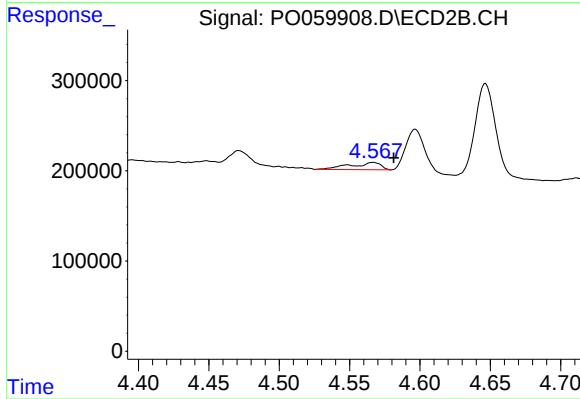
R.T.: 4.567 min
Delta R.T.: 0.002 min
Response: 120700
Conc: 117.34 ng/ml



#17 AR-1242-2

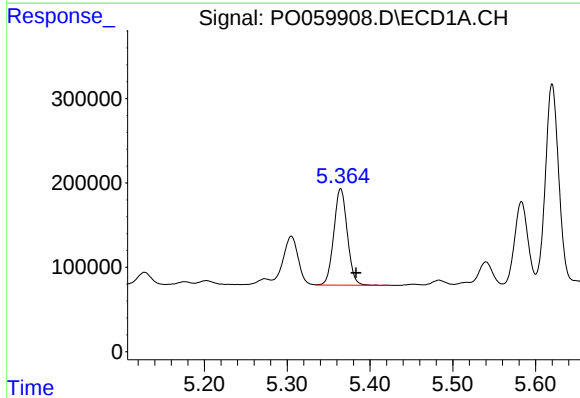
R.T.: 5.305 min
Delta R.T.: -0.018 min
Response: 727627
Conc: 392.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



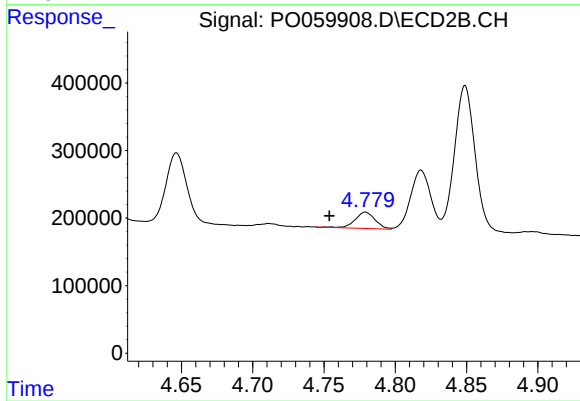
#17 AR-1242-2

R.T.: 4.567 min
Delta R.T.: -0.015 min
Response: 120700
Conc: 79.25 ng/ml



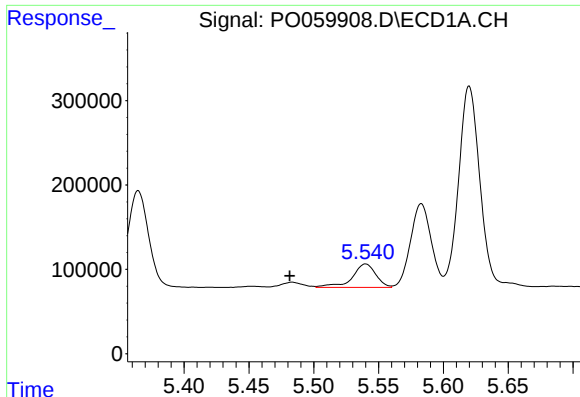
#18 AR-1242-3

R.T.: 5.365 min
Delta R.T.: -0.019 min
Response: 1295320
Conc: 1108.21 ng/ml



#18 AR-1242-3

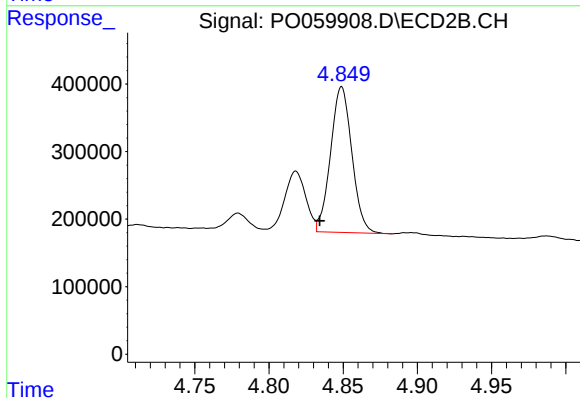
R.T.: 4.779 min
Delta R.T.: 0.025 min
Response: 237596
Conc: 284.38 ng/ml



#19 AR-1242-4

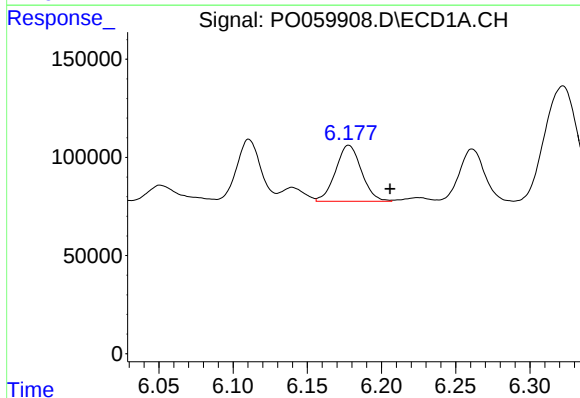
R.T.: 5.540 min
Delta R.T.: 0.058 min
Response: 354537
Conc: 366.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



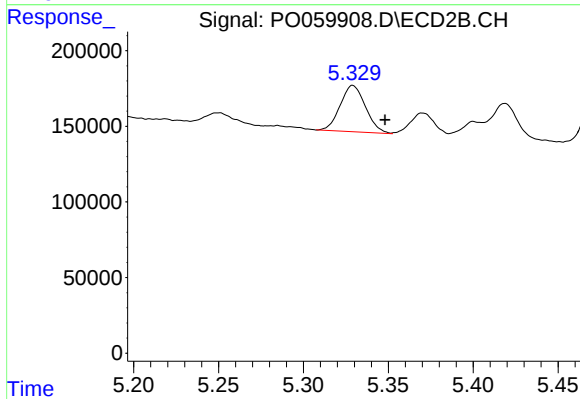
#19 AR-1242-4

R.T.: 4.849 min
Delta R.T.: 0.015 min
Response: 2156879
Conc: 2584.99 ng/ml



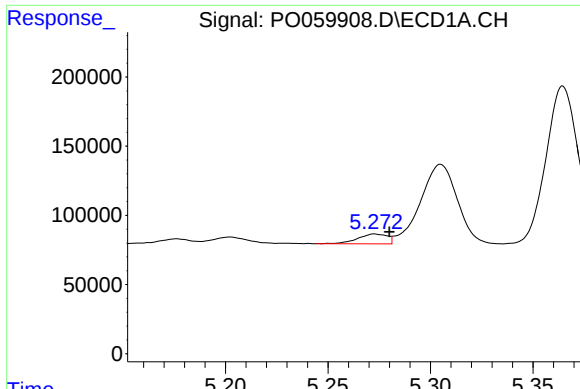
#20 AR-1242-5

R.T.: 6.178 min
Delta R.T.: -0.028 min
Response: 346234
Conc: 275.53 ng/ml



#20 AR-1242-5

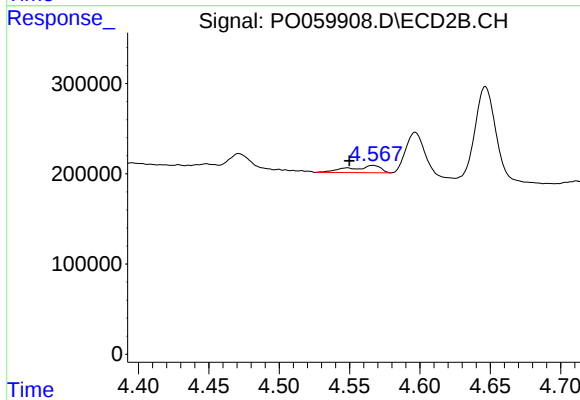
R.T.: 5.329 min
Delta R.T.: -0.019 min
Response: 318111
Conc: 284.38 ng/ml



#21 AR-1248-1

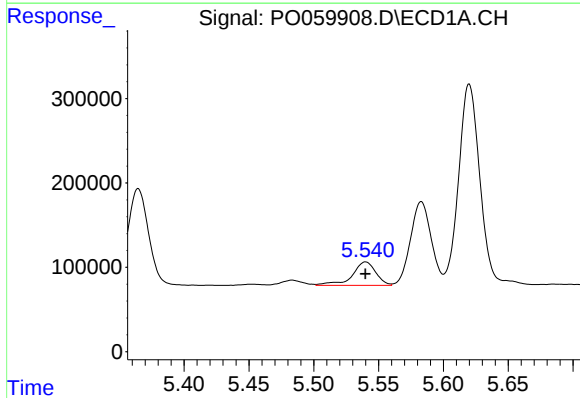
R.T.: 5.273 min
Delta R.T.: -0.007 min
Response: 71275
Conc: 71.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



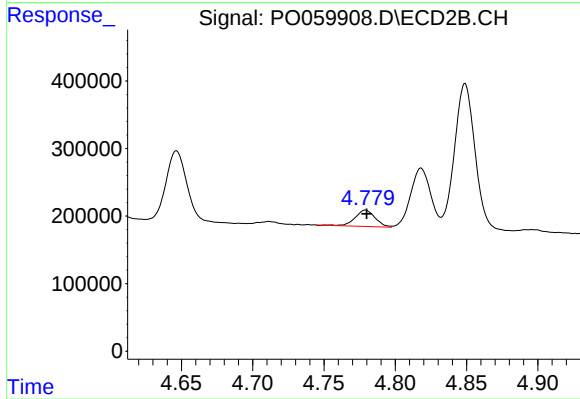
#21 AR-1248-1

R.T.: 4.567 min
Delta R.T.: 0.017 min
Response: 120700
Conc: 145.77 ng/ml



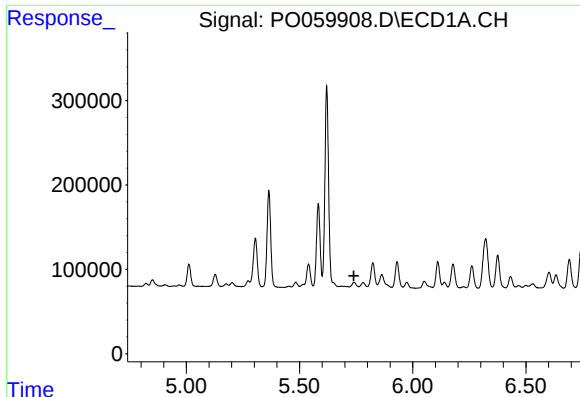
#22 AR-1248-2

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 354537
Conc: 244.36 ng/ml



#22 AR-1248-2

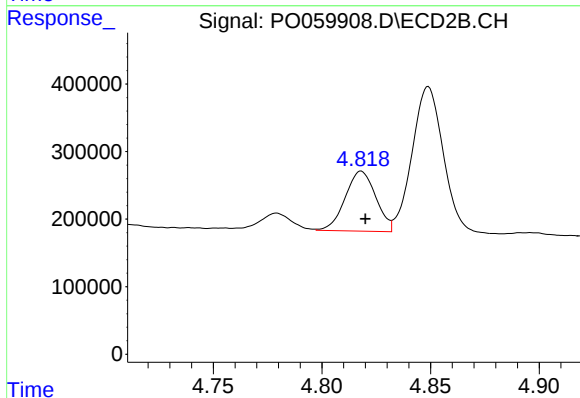
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 237596
Conc: 206.05 ng/ml



#23 AR-1248-3

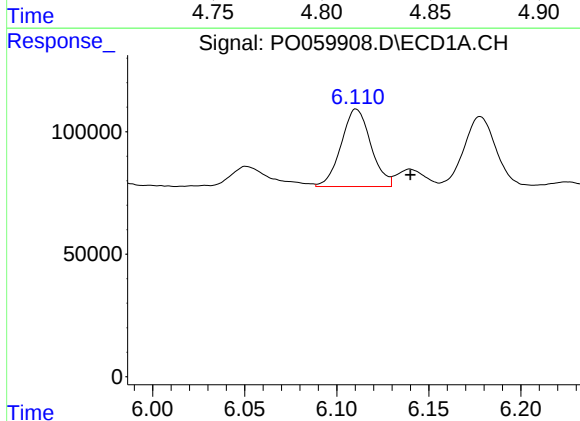
R.T.: 0.000 min
Exp R.T.: 5.740 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
RO-COMP



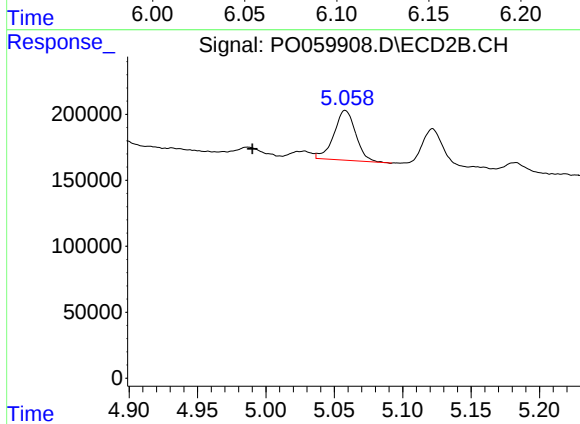
#23 AR-1248-3

R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 870472
Conc: 732.88 ng/ml



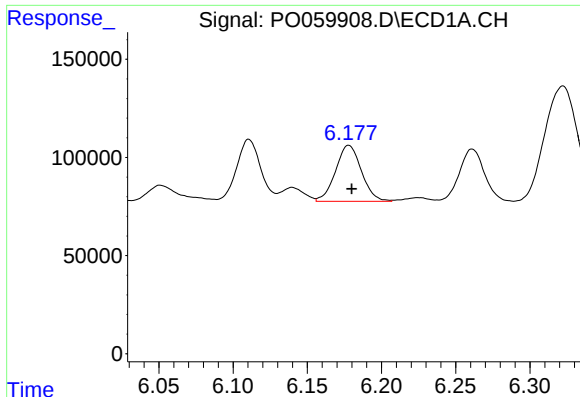
#24 AR-1248-4

R.T.: 6.111 min
Delta R.T.: -0.029 min
Response: 354914
Conc: 173.63 ng/ml



#24 AR-1248-4

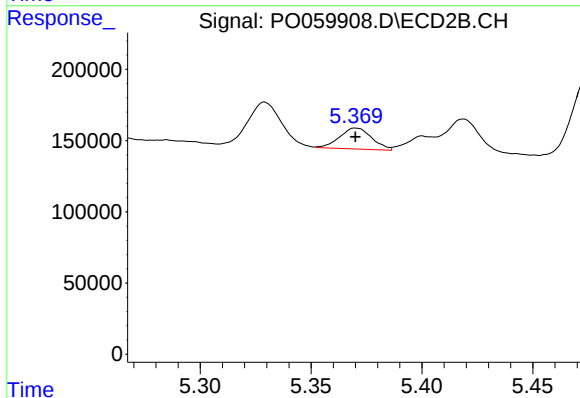
R.T.: 5.058 min
Delta R.T.: 0.068 min
Response: 419316
Conc: 288.57 ng/ml



#25 AR-1248-5

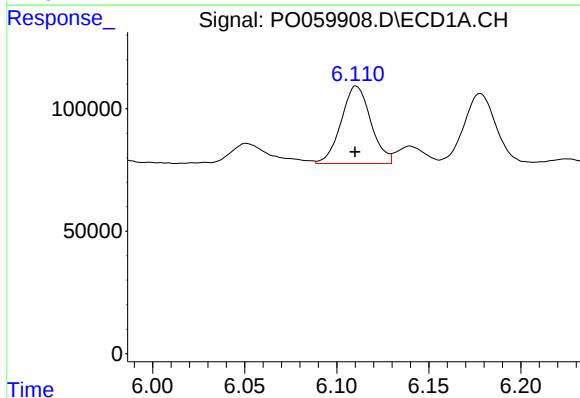
R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 346234
Conc: 174.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



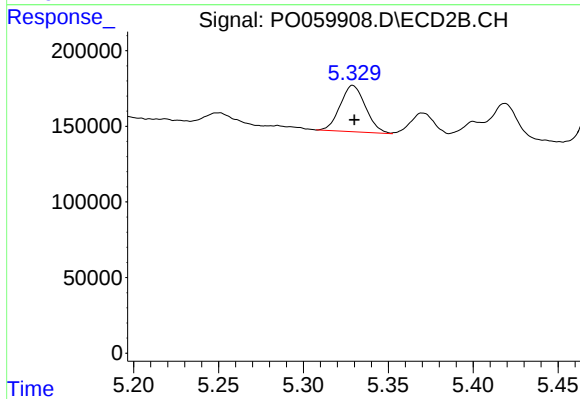
#25 AR-1248-5

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 147787
Conc: 103.25 ng/ml



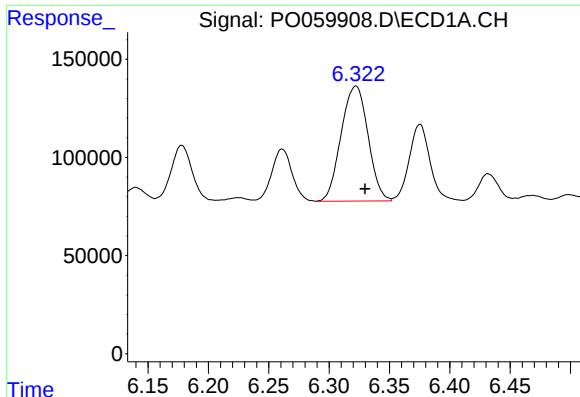
#26 AR-1254-1

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 354914
Conc: 170.11 ng/ml



#26 AR-1254-1

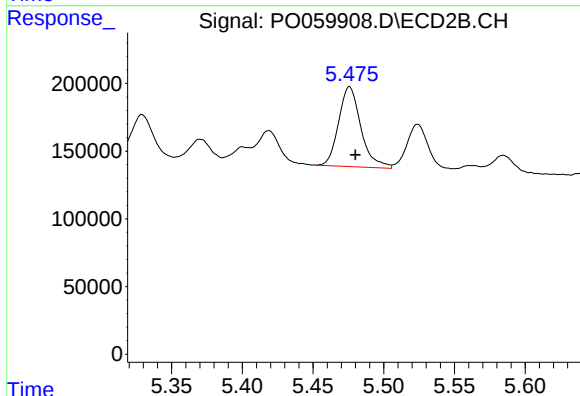
R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 318111
Conc: 134.12 ng/ml



#27 AR-1254-2

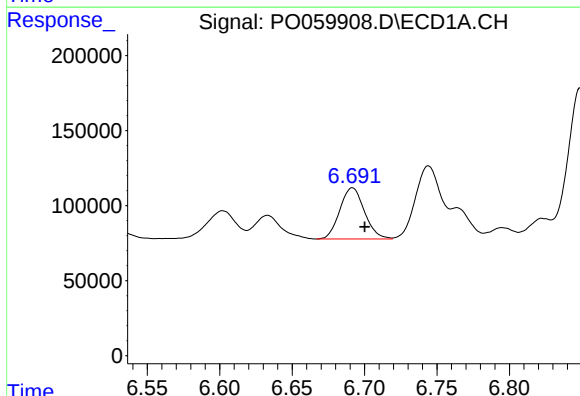
R.T.: 6.322 min
Delta R.T.: -0.008 min
Response: 909207
Conc: 272.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



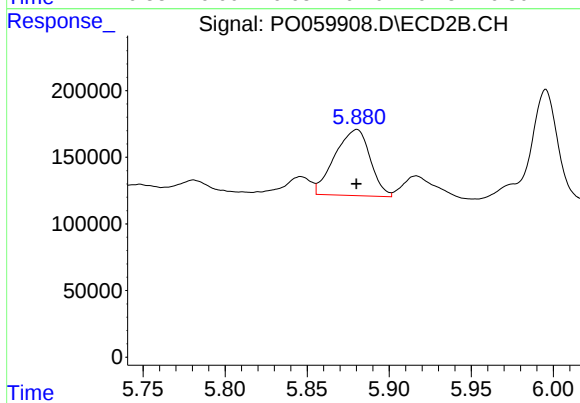
#27 AR-1254-2

R.T.: 5.476 min
Delta R.T.: -0.004 min
Response: 648073
Conc: 308.86 ng/ml



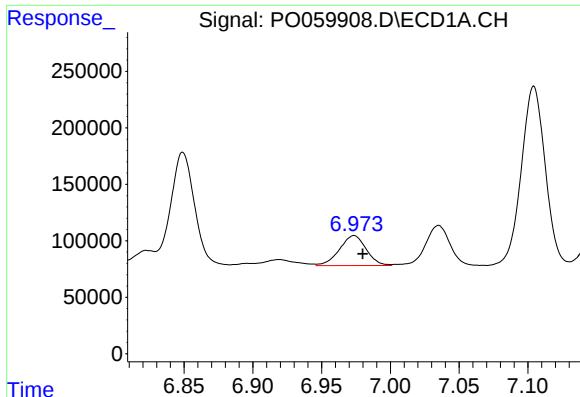
#28 AR-1254-3

R.T.: 6.692 min
Delta R.T.: -0.008 min
Response: 403675
Conc: 113.76 ng/ml



#28 AR-1254-3

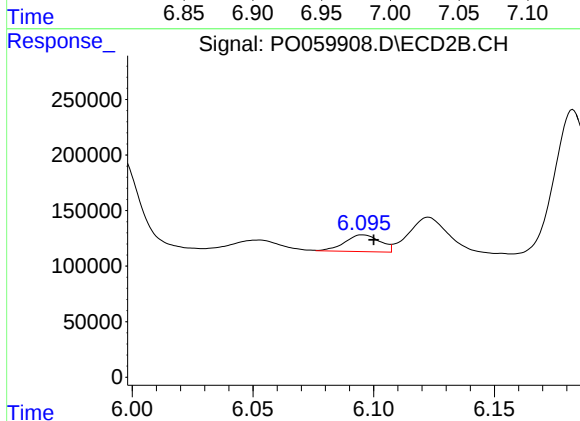
R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 743766
Conc: 221.19 ng/ml



#29 AR-1254-4

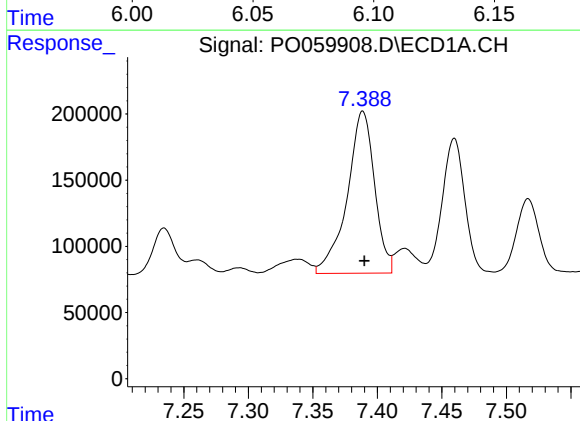
R.T.: 6.974 min
Delta R.T.: -0.006 min
Response: 358647
Conc: 121.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



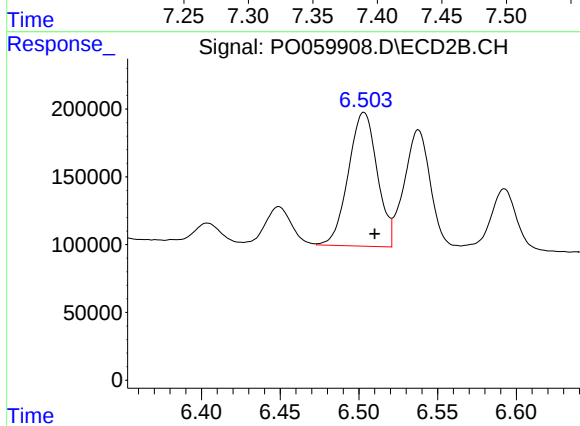
#29 AR-1254-4

R.T.: 6.096 min
Delta R.T.: -0.004 min
Response: 153355
Conc: 74.38 ng/ml



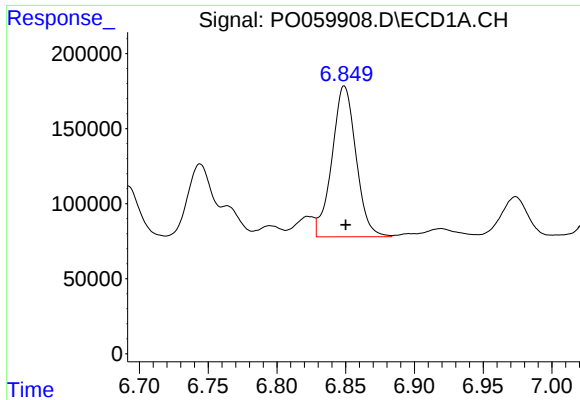
#30 AR-1254-5

R.T.: 7.389 min
Delta R.T.: -0.001 min
Response: 1810410
Conc: 585.44 ng/ml



#30 AR-1254-5

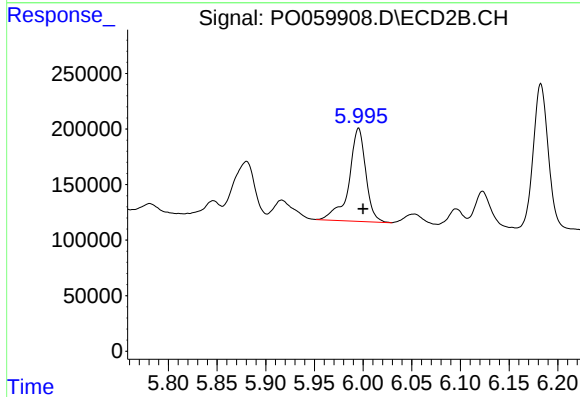
R.T.: 6.503 min
Delta R.T.: -0.007 min
Response: 1262227
Conc: 406.52 ng/ml



#31 AR-1260-1

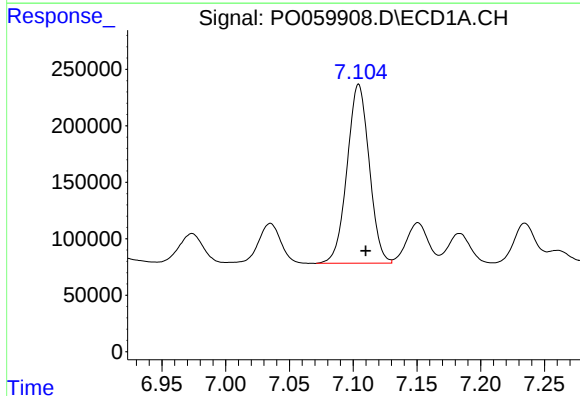
R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 1222423
Conc: 453.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



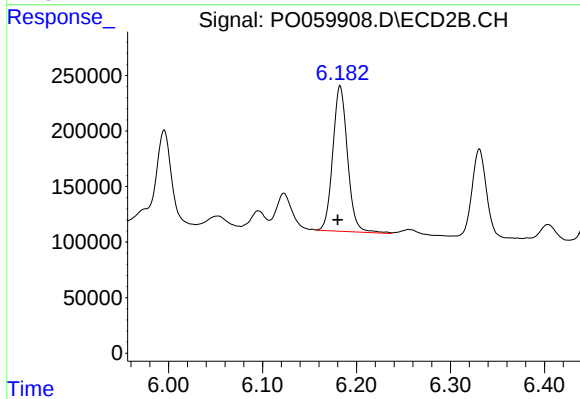
#31 AR-1260-1

R.T.: 5.995 min
Delta R.T.: -0.005 min
Response: 1010737
Conc: 443.52 ng/ml



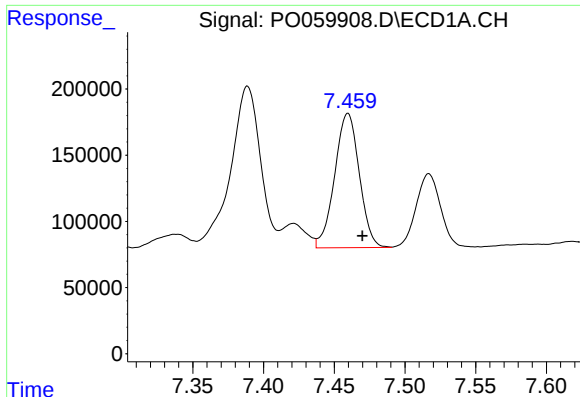
#32 AR-1260-2

R.T.: 7.104 min
Delta R.T.: -0.006 min
Response: 1914196
Conc: 515.89 ng/ml



#32 AR-1260-2

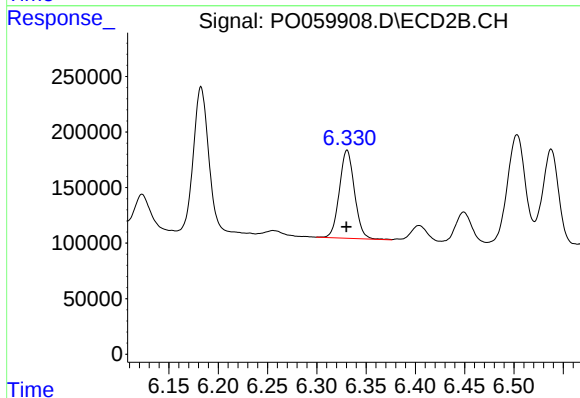
R.T.: 6.183 min
Delta R.T.: 0.003 min
Response: 1426178
Conc: 486.77 ng/ml



#33 AR-1260-3

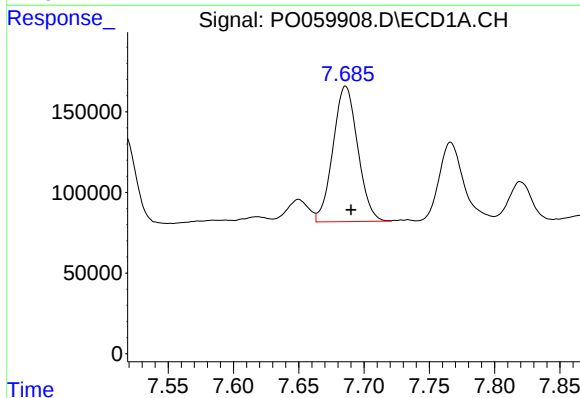
R.T.: 7.460 min
Delta R.T.: -0.010 min
Response: 1228807
Conc: 375.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



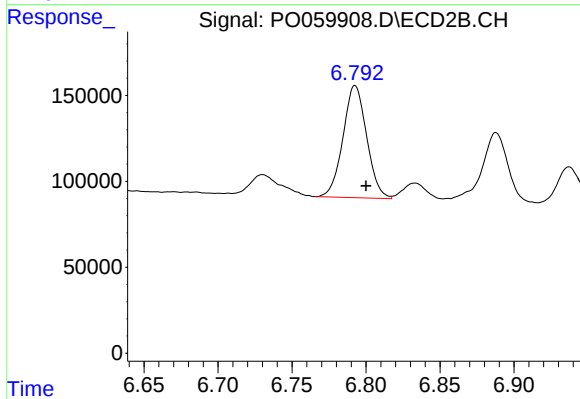
#33 AR-1260-3

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 845531
Conc: 319.17 ng/ml



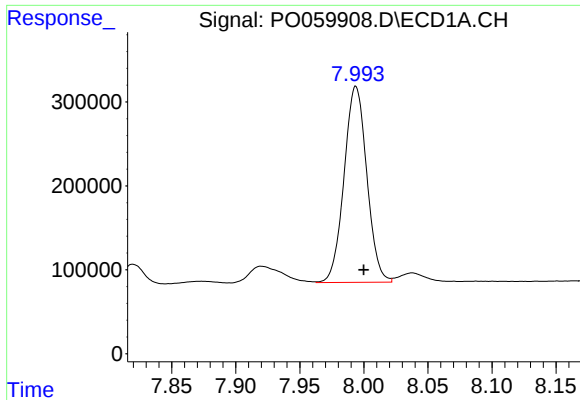
#34 AR-1260-4

R.T.: 7.686 min
Delta R.T.: -0.004 min
Response: 1108201
Conc: 360.82 ng/ml



#34 AR-1260-4

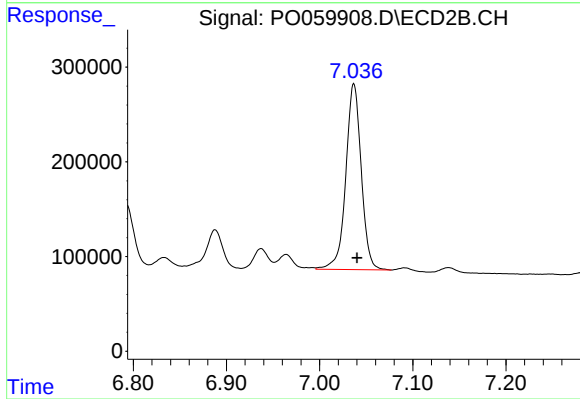
R.T.: 6.793 min
Delta R.T.: -0.007 min
Response: 727726
Conc: 321.64 ng/ml



#35 AR-1260-5

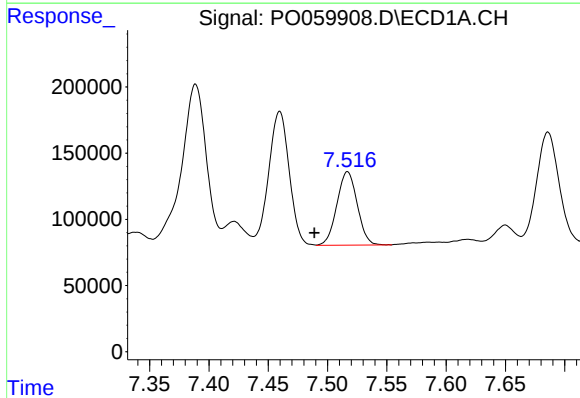
R.T.: 7.994 min
Delta R.T.: -0.006 min
Response: 2886502
Conc: 407.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



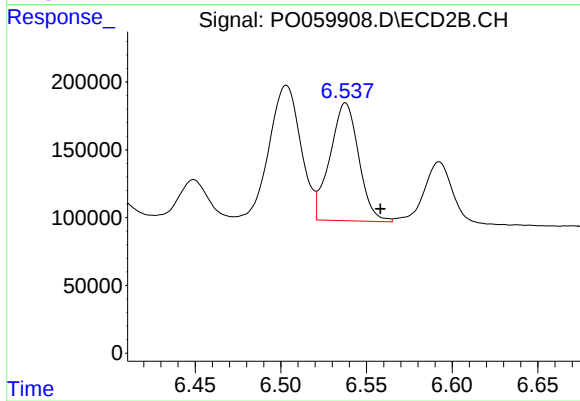
#35 AR-1260-5

R.T.: 7.037 min
Delta R.T.: -0.003 min
Response: 2263548
Conc: 411.31 ng/ml



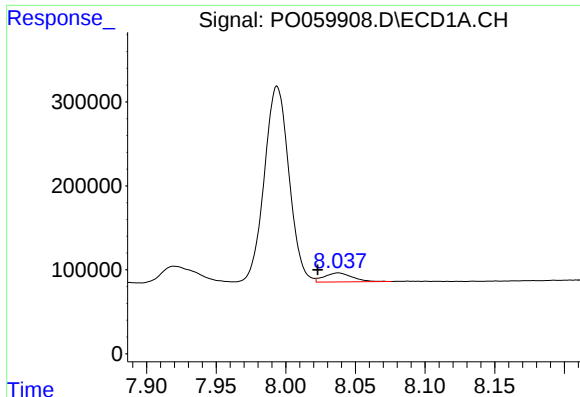
#36 AR-1262-1

R.T.: 7.517 min
Delta R.T.: 0.028 min
Response: 662297
Conc: 136.47 ng/ml



#36 AR-1262-1

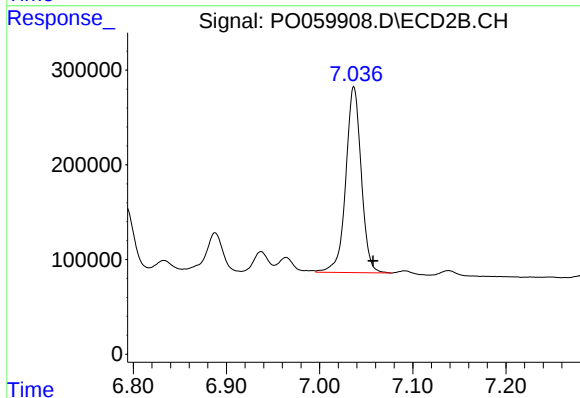
R.T.: 6.538 min
Delta R.T.: -0.020 min
Response: 1015629
Conc: 272.47 ng/ml



#37 AR-1262-2

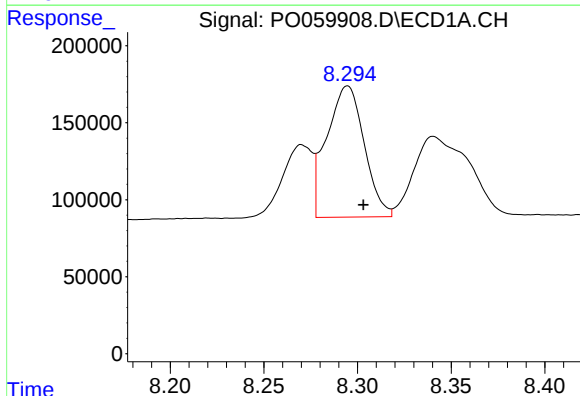
R.T.: 8.038 min
Delta R.T.: 0.015 min
Response: 149883
Conc: 19.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



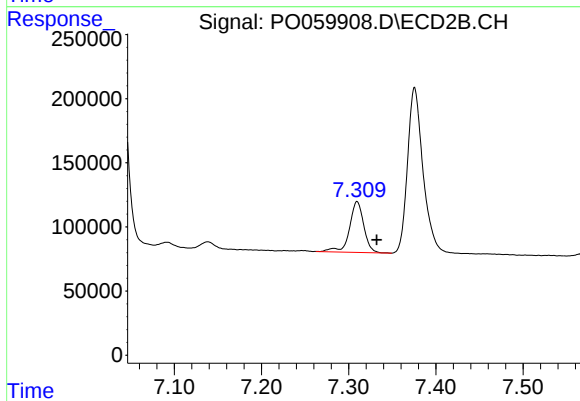
#37 AR-1262-2

R.T.: 7.037 min
Delta R.T.: -0.021 min
Response: 2263548
Conc: 385.02 ng/ml



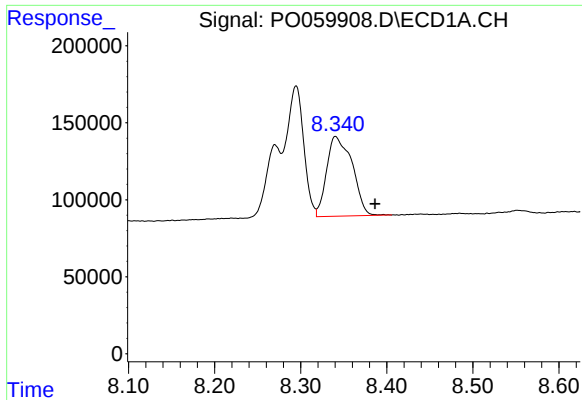
#38 AR-1262-3

R.T.: 8.295 min
Delta R.T.: -0.008 min
Response: 1186244
Conc: 232.49 ng/ml



#38 AR-1262-3

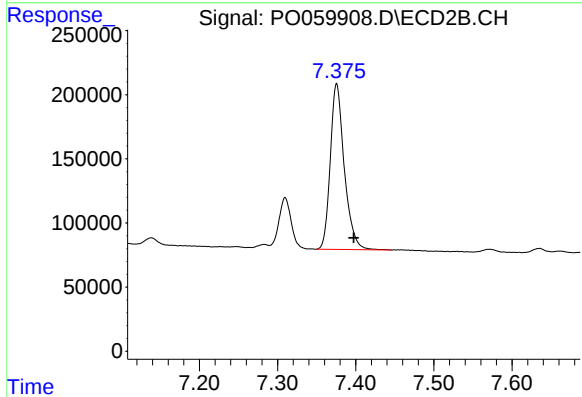
R.T.: 7.310 min
Delta R.T.: -0.022 min
Response: 452590
Conc: 178.12 ng/ml



#39 AR-1262-4

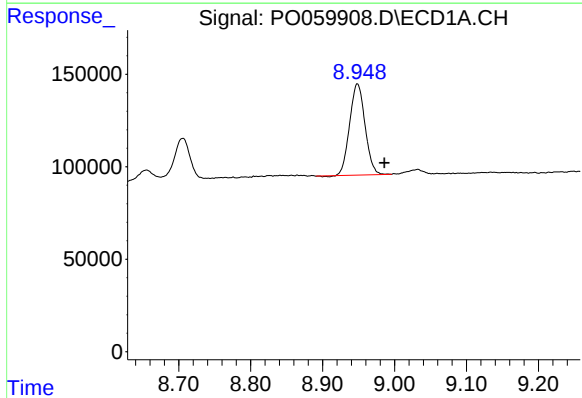
R.T.: 8.341 min
Delta R.T.: -0.046 min
Response: 1066485
Conc: 276.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



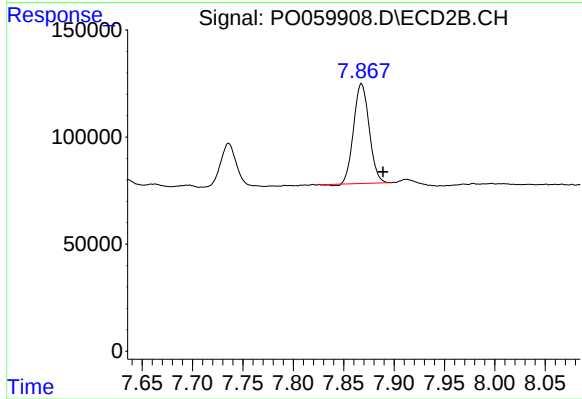
#39 AR-1262-4

R.T.: 7.376 min
Delta R.T.: -0.022 min
Response: 1603642
Conc: 362.90 ng/ml



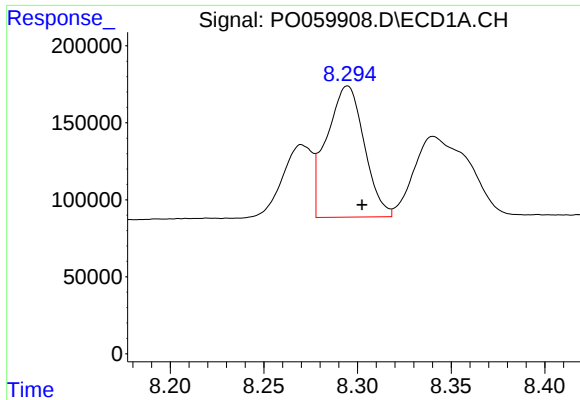
#40 AR-1262-5

R.T.: 8.948 min
Delta R.T.: -0.037 min
Response: 732950
Conc: 285.58 ng/ml



#40 AR-1262-5

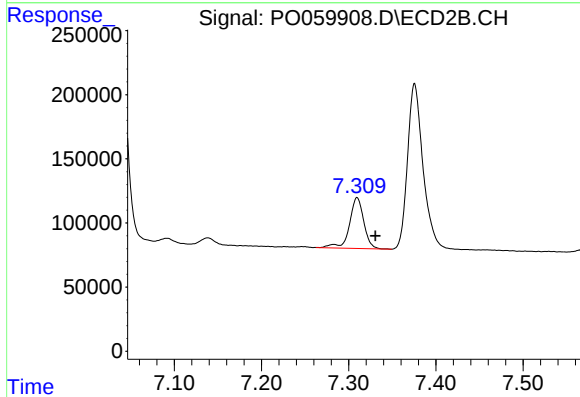
R.T.: 7.868 min
Delta R.T.: -0.022 min
Response: 499187
Conc: 276.47 ng/ml



#41 AR-1268-1

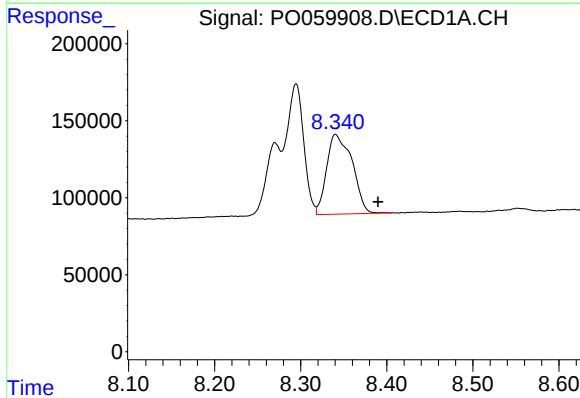
R.T.: 8.295 min
Delta R.T.: -0.008 min
Response: 1186244
Conc: 126.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



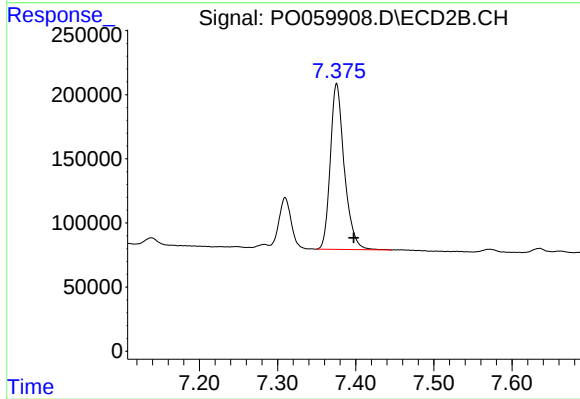
#41 AR-1268-1

R.T.: 7.310 min
Delta R.T.: -0.021 min
Response: 452590
Conc: 63.56 ng/ml



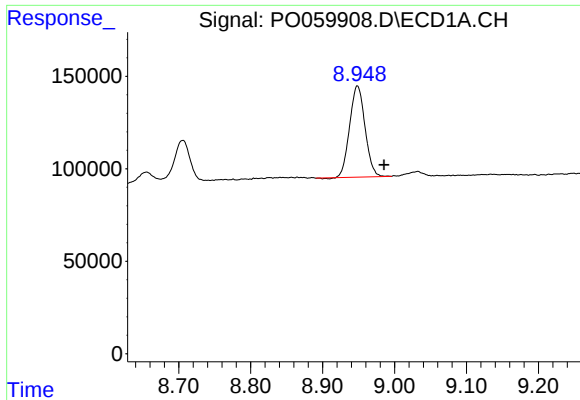
#42 AR-1268-2

R.T.: 8.341 min
Delta R.T.: -0.049 min
Response: 1066485
Conc: 135.29 ng/ml



#42 AR-1268-2

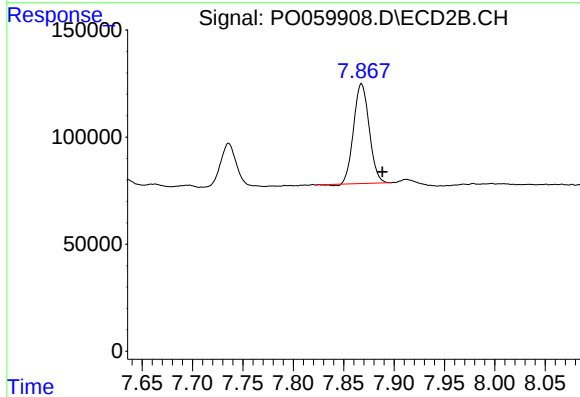
R.T.: 7.376 min
Delta R.T.: -0.022 min
Response: 1603642
Conc: 248.70 ng/ml



#44 AR-1268-4

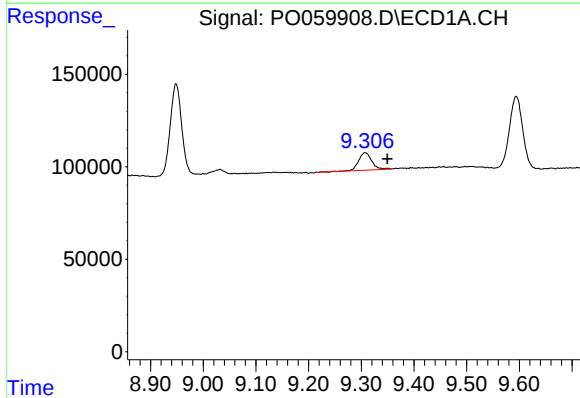
R.T.: 8.948 min
Delta R.T.: -0.037 min
Response: 732950
Conc: 263.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
RO-COMP



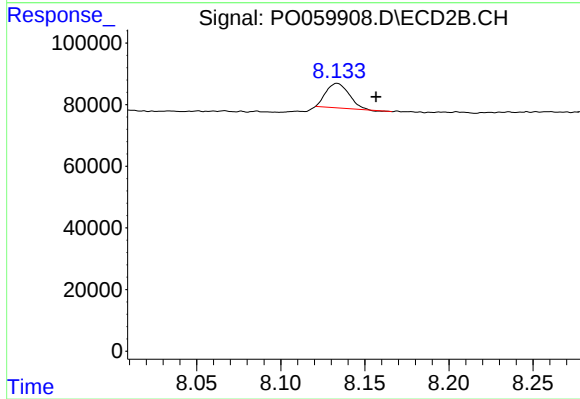
#44 AR-1268-4

R.T.: 7.868 min
Delta R.T.: -0.021 min
Response: 499187
Conc: 244.54 ng/ml



#45 AR-1268-5

R.T.: 9.307 min
Delta R.T.: -0.042 min
Response: 164606
Conc: 8.93 ng/ml



#45 AR-1268-5

R.T.: 8.134 min
Delta R.T.: -0.023 min
Response: 75564
Conc: 5.20 ng/ml