

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080119\
 Data File : P0058716.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Aug 2019 1:51
 Operator : SM/AJ
 Sample : K4100-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 S8-05-S-01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 04:03:38 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...	4.167	3.518	1025942	875536	24.310	21.916
2)	SA Decachlor...	9.646	8.403	848988	607909	15.677	15.401
Target Compounds							
3)	L1 AR-1016-1	5.342	4.576	872688	268860	465.694	184.405 #
4)	L1 AR-1016-2	5.342	4.593	872688	652593	317.164	304.013
5)	L1 AR-1016-3	0.000	4.766	0	371272	N.D.	326.902 #
6)	L1 AR-1016-4	5.501	4.807	446269	772124	318.945	818.533 #
7)	L1 AR-1016-5	5.788	5.016	1020369	776126	712.333	630.261
9)	L2 AR-1221-2	0.000	3.811	0	22515	N.D.	75.435 #
10)	L2 AR-1221-3	0.000	3.929	0	31263	N.D.	32.681 #
11)	L3 AR-1232-1	0.000	3.929	0	31263	N.D.	39.797 #
12)	L3 AR-1232-2	5.057	4.593	147180	652593	299.210	771.861 #
13)	L3 AR-1232-3	5.342	4.766	872688	371272	815.035	844.216
14)	L3 AR-1232-4	5.501	4.846	446269	546587	837.105	1382.814 #
15)	L3 AR-1232-5	5.588	5.016	1048729	776126	2570.019	1762.920 #
16)	L4 AR-1242-1	5.342	4.576	872688	268860	681.492	264.843 #
17)	L4 AR-1242-2	5.342	4.593	872688	652593	461.332	432.279
18)	L4 AR-1242-3	0.000	4.766	0	371272	N.D.	455.892 #
19)	L4 AR-1242-4	5.501	4.846	446269	546587	464.384	675.610 #
20)	L4 AR-1242-5	6.225	5.360	1589661	3143998	1353.397	2930.958 #
21)	L5 AR-1248-1	5.342	4.576	872688	268860	863.190	336.224 #
22)	L5 AR-1248-2	5.588	4.807	1048729	772124	725.467	696.865
23)	L5 AR-1248-3	5.788	4.846	1020369	546587	621.188	480.237
24)	L5 AR-1248-4	6.187	5.016	2102874	776126	1038.329	555.572 #
25)	L5 AR-1248-5	6.225	5.401	1589661	920037	823.512	664.164
26)	L6 AR-1254-1	6.187	5.360	2102874	3143998	890.561	1213.646 #
27)	L6 AR-1254-2	6.374	5.506	6094788	3402808	1581.439	1486.313
28)	L6 AR-1254-3	6.738	5.902	7923034	6593832	1956.480	1792.113
29)	L6 AR-1254-4	7.020	6.129	7802914	4841427	2167.089	2082.143
30)	L6 AR-1254-5	7.460	6.539	17797868	20866620	4910.078	6049.076
31)	L7 AR-1260-1	6.896	6.029	3660717	3377482	1271.460	1419.082
32)	L7 AR-1260-2	7.151	6.216	7963064	3788822	1914.172	1250.725 #
33)	L7 AR-1260-3	7.497	6.365	1464627	3314787	393.297	1227.771 #
34)	L7 AR-1260-4	7.724	6.829	4153176	588349	1218.734	260.386 #
35)	L7 AR-1260-5	8.034	7.072	2451644	1501330	333.341	278.781
36)	L8 AR-1262-1	7.497	6.607	1464627	616407	290.584	172.579 #
37)	L8 AR-1262-2	8.034	7.072	2451644	1501330	308.030	265.911
38)	L8 AR-1262-3	8.336	7.348	1498014	156443	294.686	63.387 #
39)	L8 AR-1262-4	8.380	7.413	464061	1429377	122.457	336.626 #
40)	L8 AR-1262-5	0.000	7.906	0	121253	N.D.	71.309 #
41)	L9 AR-1268-1	8.336	7.348	1498014	156443	134.116	19.207 #
42)	L9 AR-1268-2	8.380	7.413	464061	1429377	49.405	188.644 #
43)	L9 AR-1268-3	0.000	7.611	0	22727	N.D.	3.556 #

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 Operator : SM/AJ
 Sample : K4100-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

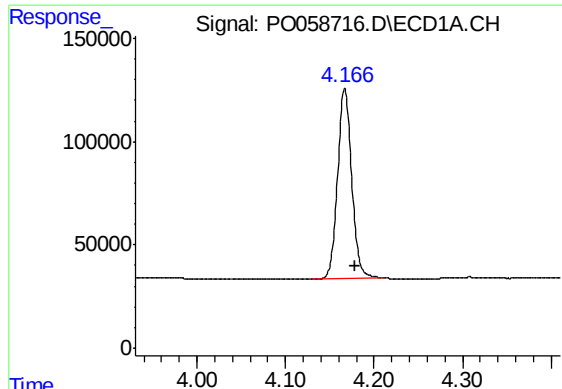
Instrument :
 ECD_O
 ClientSampleId :
 S8-05-S-01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 04:03:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	7.906	0	121253	N.D.	52.249 #
45) L9	AR-1268-5	0.000	8.175	0	58822	N.D.	3.432 #

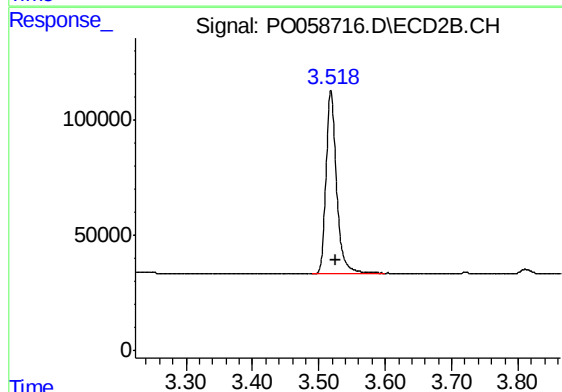
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

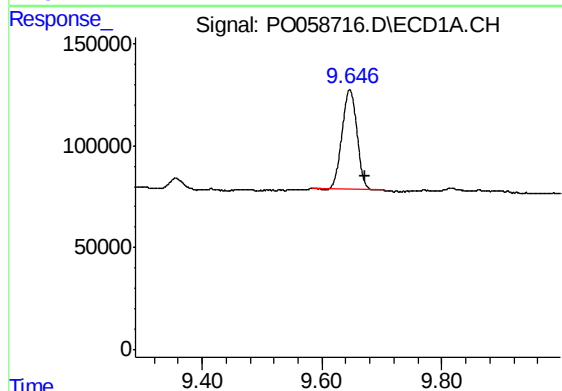
R.T.: 4.167 min
Delta R.T.: -0.012 min
Response: 1025942
Conc: 24.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



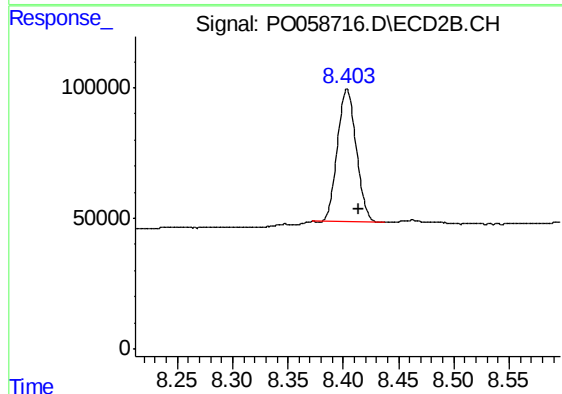
#1 Tetrachloro-m-xylene

R.T.: 3.518 min
Delta R.T.: -0.007 min
Response: 875536
Conc: 21.92 ng/ml



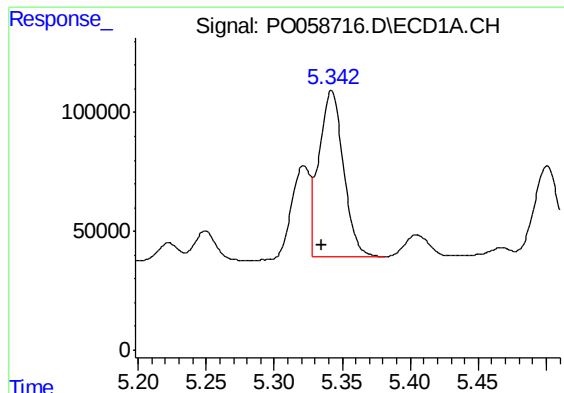
#2 Decachlorobiphenyl

R.T.: 9.646 min
Delta R.T.: -0.026 min
Response: 848988
Conc: 15.68 ng/ml



#2 Decachlorobiphenyl

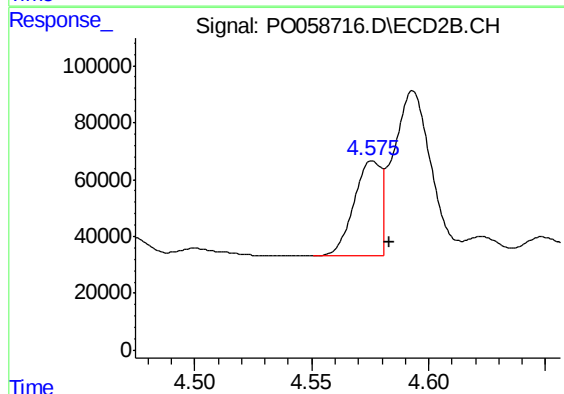
R.T.: 8.403 min
Delta R.T.: -0.011 min
Response: 607909
Conc: 15.40 ng/ml



#3 AR-1016-1

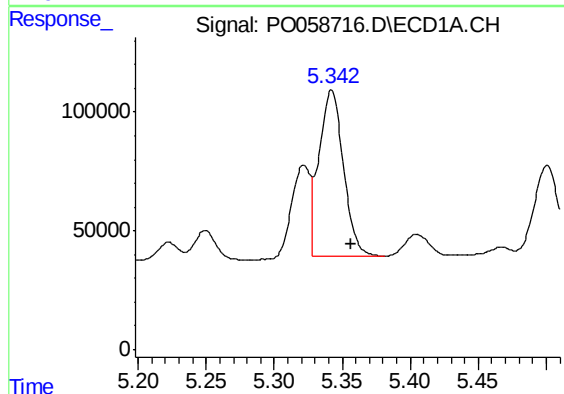
R.T.: 5.342 min
Delta R.T.: 0.007 min
Response: 872688
Conc: 465.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



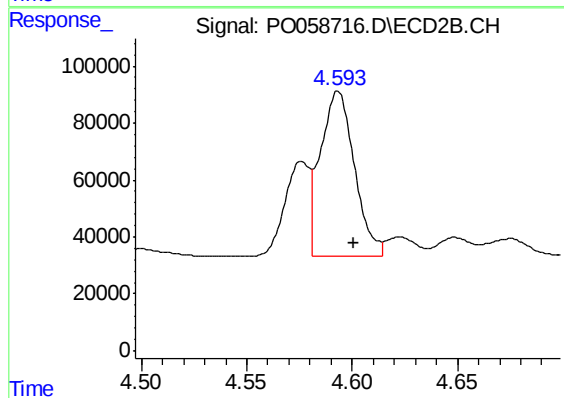
#3 AR-1016-1

R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 268860
Conc: 184.41 ng/ml



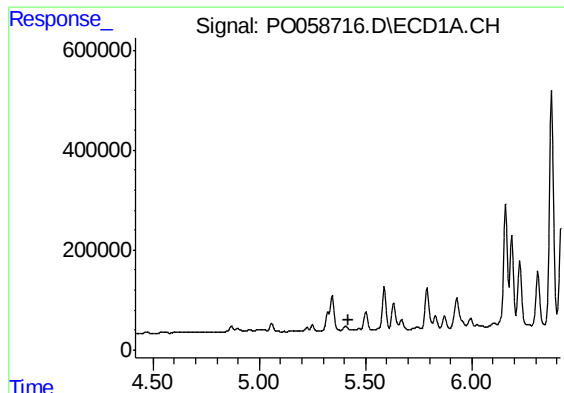
#4 AR-1016-2

R.T.: 5.342 min
Delta R.T.: -0.014 min
Response: 872688
Conc: 317.16 ng/ml



#4 AR-1016-2

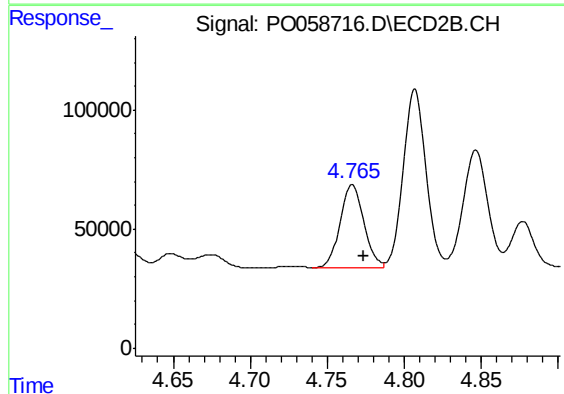
R.T.: 4.593 min
Delta R.T.: -0.007 min
Response: 652593
Conc: 304.01 ng/ml



#5 AR-1016-3

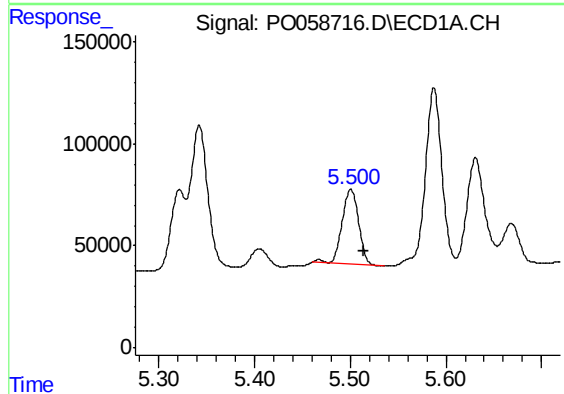
R.T.: 0.000 min
Exp R.T.: 5.417 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



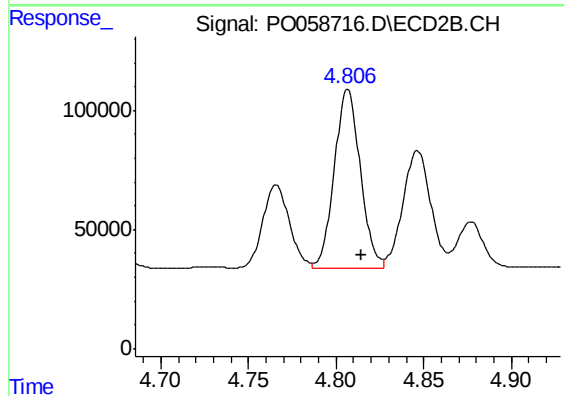
#5 AR-1016-3

R.T.: 4.766 min
Delta R.T.: -0.008 min
Response: 371272
Conc: 326.90 ng/ml



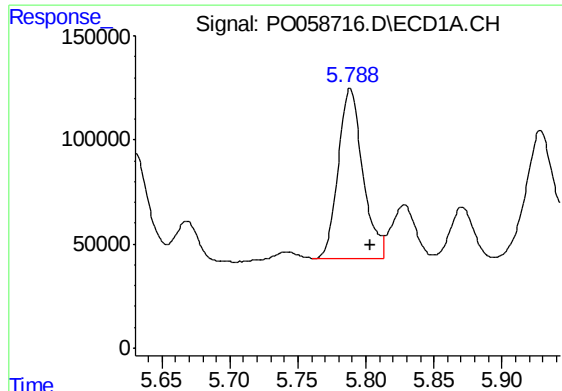
#6 AR-1016-4

R.T.: 5.501 min
Delta R.T.: -0.014 min
Response: 446269
Conc: 318.95 ng/ml



#6 AR-1016-4

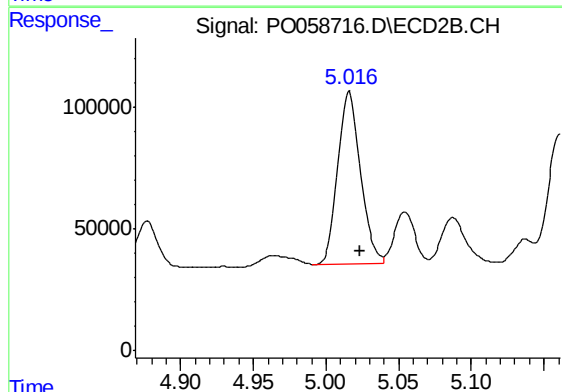
R.T.: 4.807 min
Delta R.T.: -0.008 min
Response: 772124
Conc: 818.53 ng/ml



#7 AR-1016-5

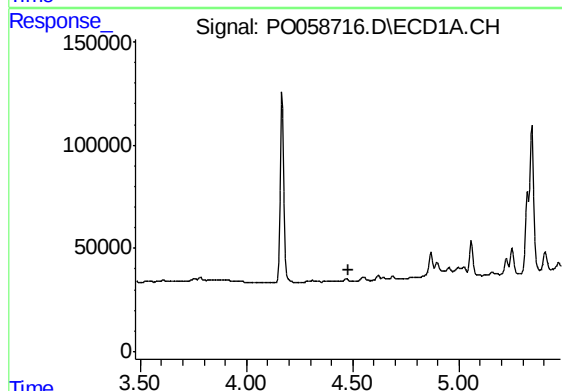
R.T.: 5.788 min
Delta R.T.: -0.015 min
Response: 1020369
Conc: 712.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



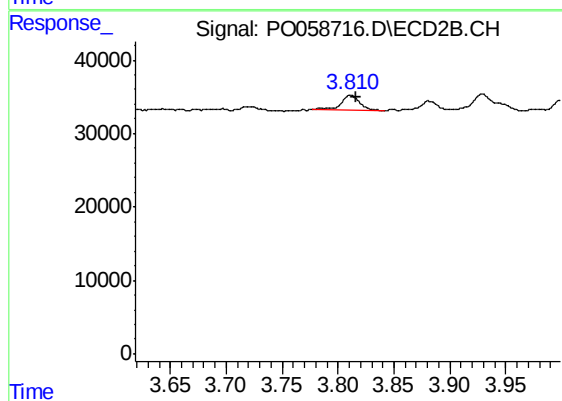
#7 AR-1016-5

R.T.: 5.016 min
Delta R.T.: -0.008 min
Response: 776126
Conc: 630.26 ng/ml



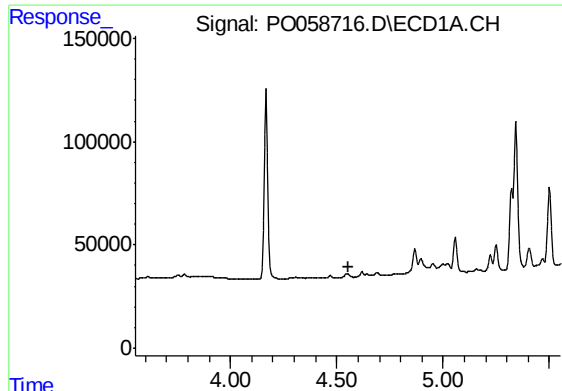
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.477 min
Response: 0
Conc: N.D.



#9 AR-1221-2

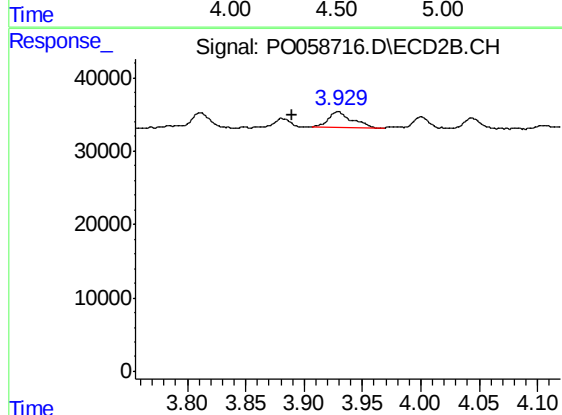
R.T.: 3.811 min
Delta R.T.: -0.005 min
Response: 22515
Conc: 75.44 ng/ml



#10 AR-1221-3

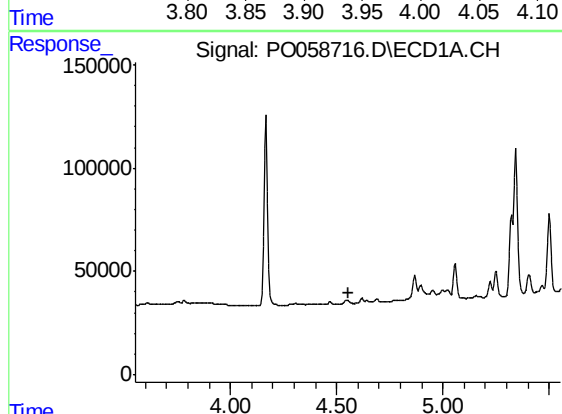
R.T.: 0.000 min
Exp R.T. : 4.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



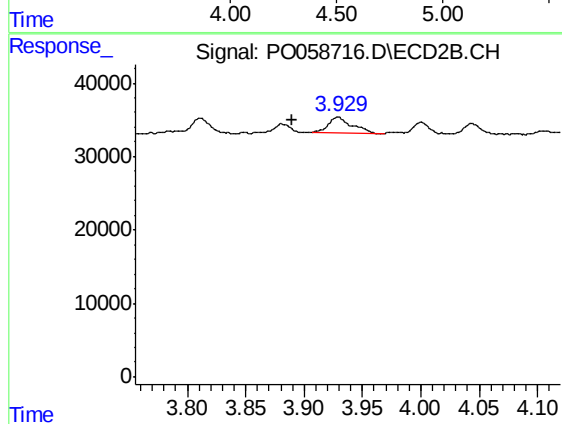
#10 AR-1221-3

R.T.: 3.929 min
Delta R.T.: 0.040 min
Response: 31263
Conc: 32.68 ng/ml



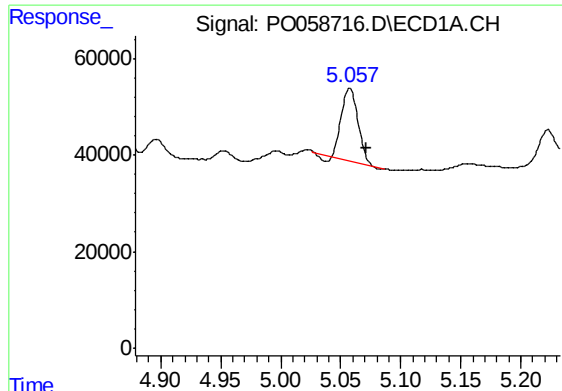
#11 AR-1232-1

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



#11 AR-1232-1

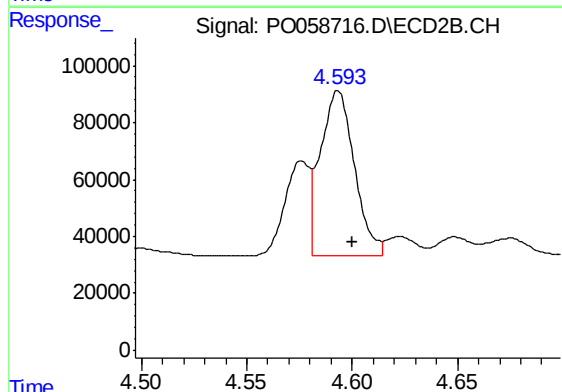
R.T.: 3.929 min
Delta R.T.: 0.040 min
Response: 31263
Conc: 39.80 ng/ml



#12 AR-1232-2

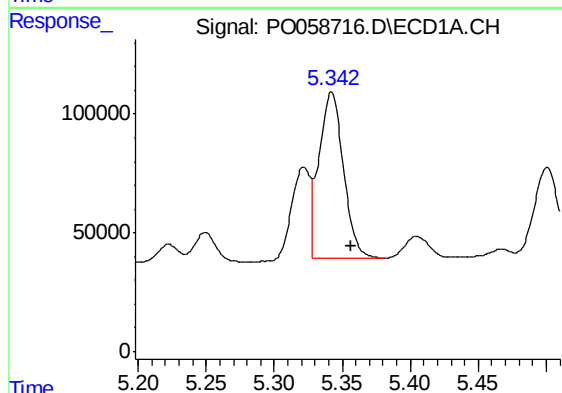
R.T.: 5.057 min
Delta R.T.: -0.015 min
Response: 147180
Conc: 299.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



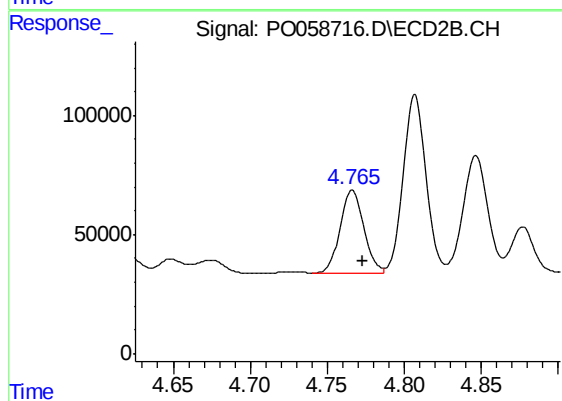
#12 AR-1232-2

R.T.: 4.593 min
Delta R.T.: -0.007 min
Response: 652593
Conc: 771.86 ng/ml



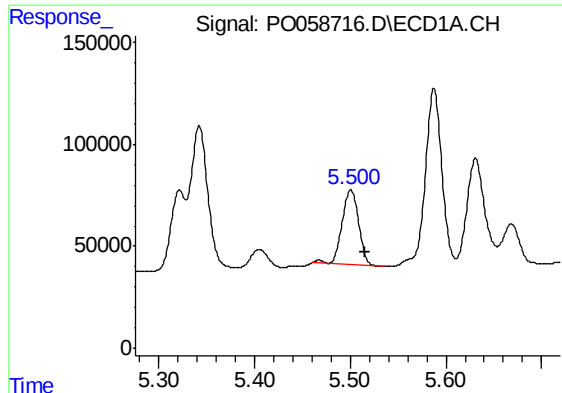
#13 AR-1232-3

R.T.: 5.342 min
Delta R.T.: -0.015 min
Response: 872688
Conc: 815.04 ng/ml



#13 AR-1232-3

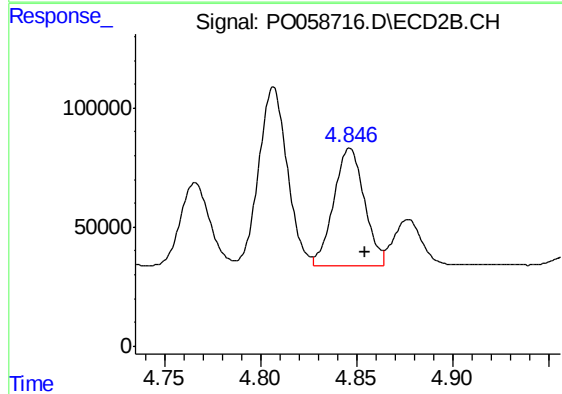
R.T.: 4.766 min
Delta R.T.: -0.007 min
Response: 371272
Conc: 844.22 ng/ml



#14 AR-1232-4

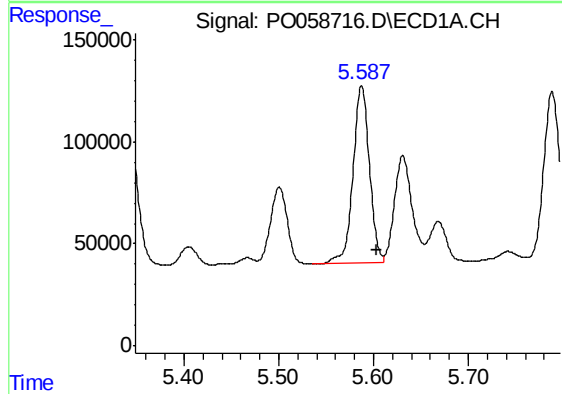
R.T.: 5.501 min
Delta R.T.: -0.015 min
Response: 446269
Conc: 837.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



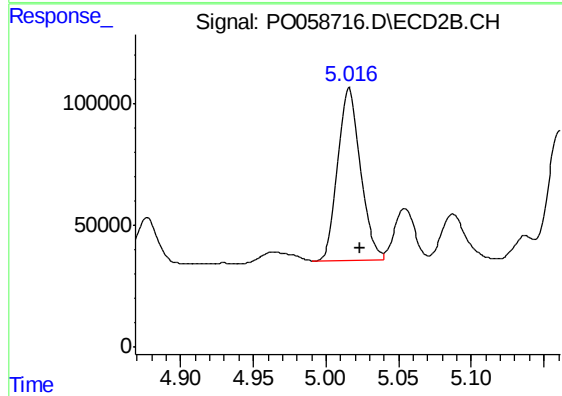
#14 AR-1232-4

R.T.: 4.846 min
Delta R.T.: -0.008 min
Response: 546587
Conc: 1382.81 ng/ml



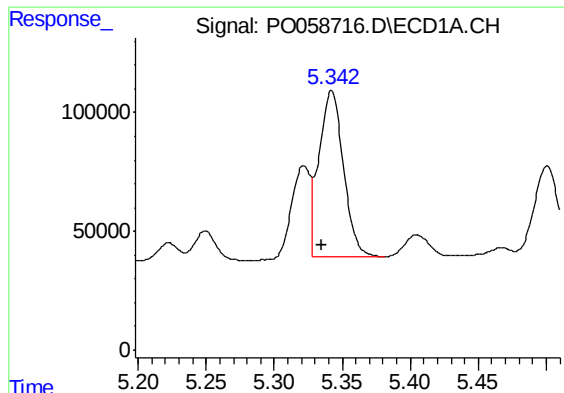
#15 AR-1232-5

R.T.: 5.588 min
Delta R.T.: -0.016 min
Response: 1048729
Conc: 2570.02 ng/ml



#15 AR-1232-5

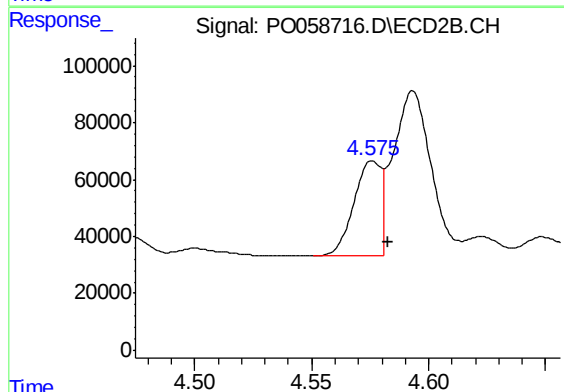
R.T.: 5.016 min
Delta R.T.: -0.007 min
Response: 776126
Conc: 1762.92 ng/ml



#16 AR-1242-1

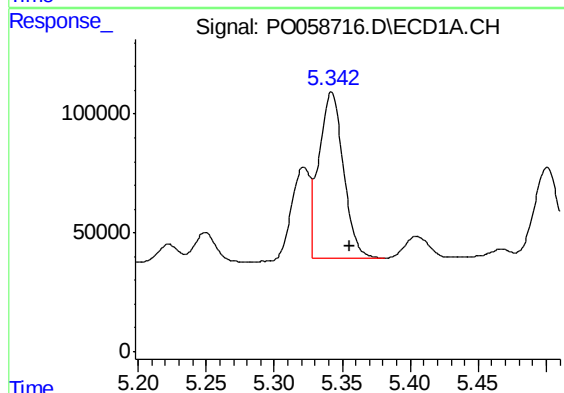
R.T.: 5.342 min
Delta R.T.: 0.007 min
Response: 872688
Conc: 681.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
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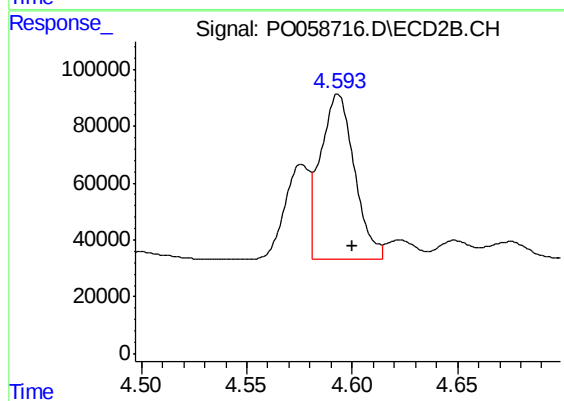
#16 AR-1242-1

R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 268860
Conc: 264.84 ng/ml



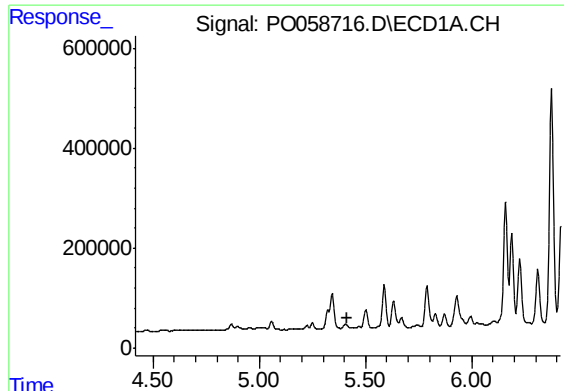
#17 AR-1242-2

R.T.: 5.342 min
Delta R.T.: -0.013 min
Response: 872688
Conc: 461.33 ng/ml



#17 AR-1242-2

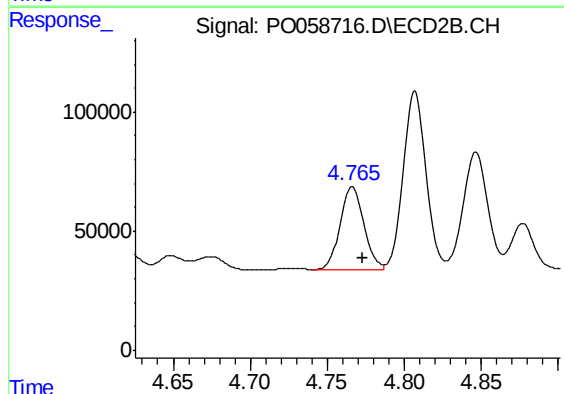
R.T.: 4.593 min
Delta R.T.: -0.007 min
Response: 652593
Conc: 432.28 ng/ml



#18 AR-1242-3

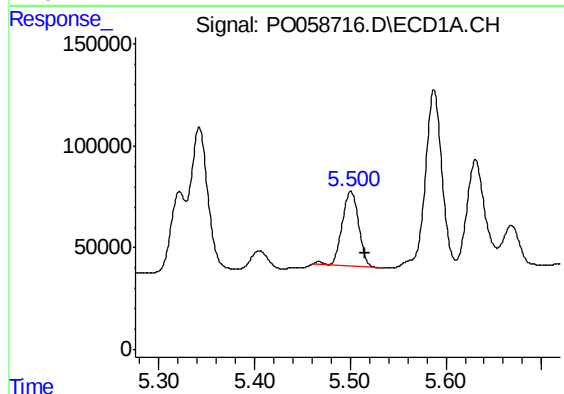
R.T.: 0.000 min
Exp R.T.: 5.417 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



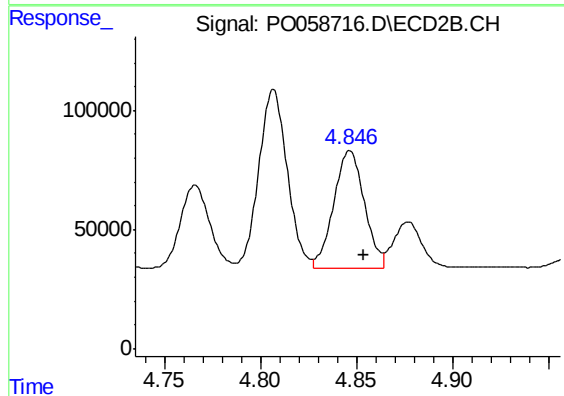
#18 AR-1242-3

R.T.: 4.766 min
Delta R.T.: -0.007 min
Response: 371272
Conc: 455.89 ng/ml



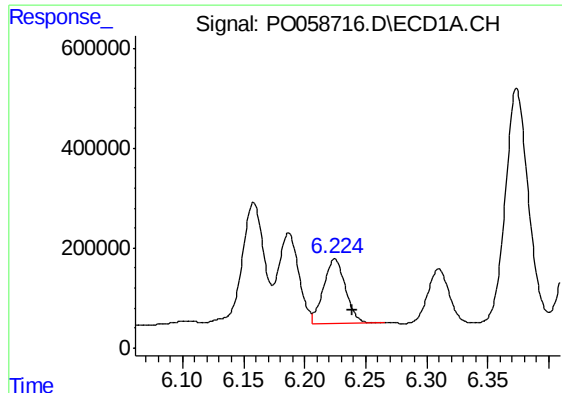
#19 AR-1242-4

R.T.: 5.501 min
Delta R.T.: -0.015 min
Response: 446269
Conc: 464.38 ng/ml



#19 AR-1242-4

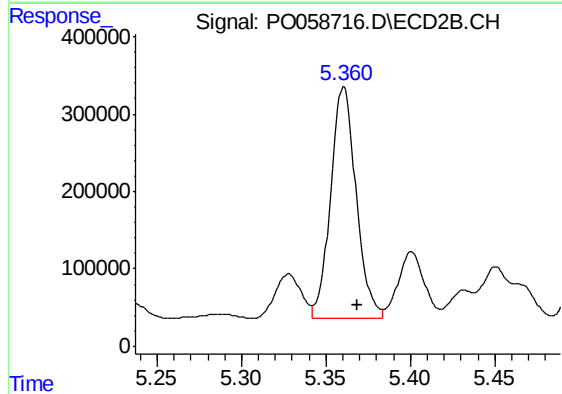
R.T.: 4.846 min
Delta R.T.: -0.007 min
Response: 546587
Conc: 675.61 ng/ml



#20 AR-1242-5

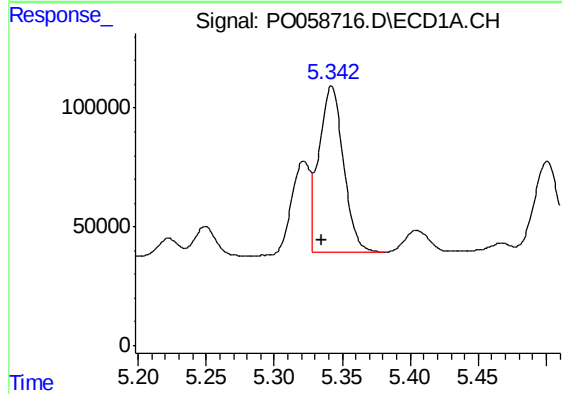
R.T.: 6.225 min
Delta R.T.: -0.015 min
Response: 1589661
Conc: 1353.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



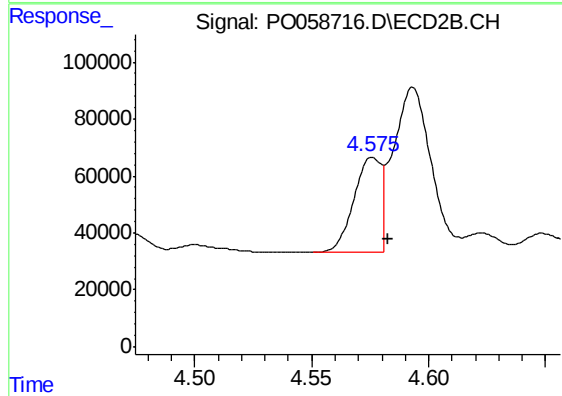
#20 AR-1242-5

R.T.: 5.360 min
Delta R.T.: -0.008 min
Response: 3143998
Conc: 2930.96 ng/ml



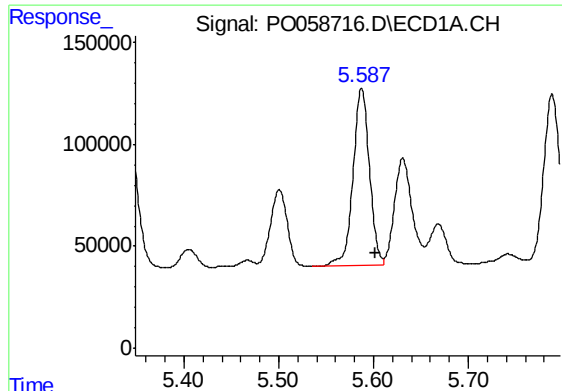
#21 AR-1248-1

R.T.: 5.342 min
Delta R.T.: 0.007 min
Response: 872688
Conc: 863.19 ng/ml



#21 AR-1248-1

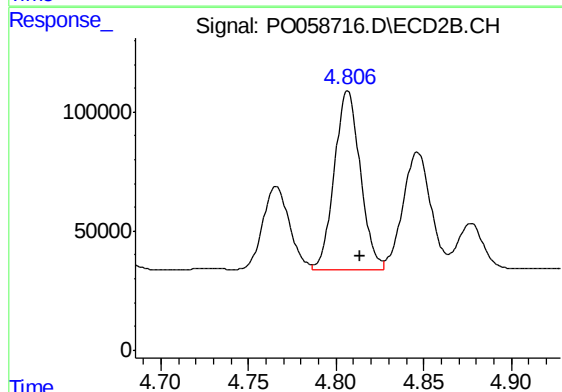
R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 268860
Conc: 336.22 ng/ml



#22 AR-1248-2

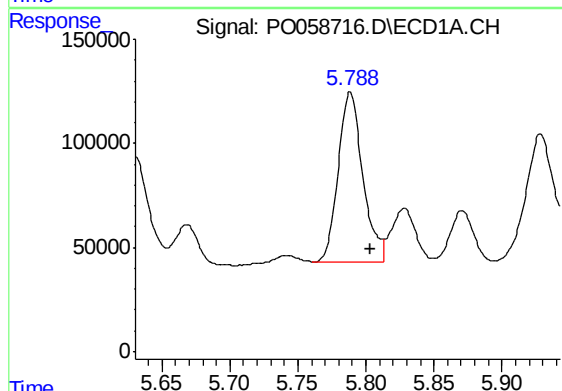
R.T.: 5.588 min
Delta R.T.: -0.015 min
Response: 1048729
Conc: 725.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



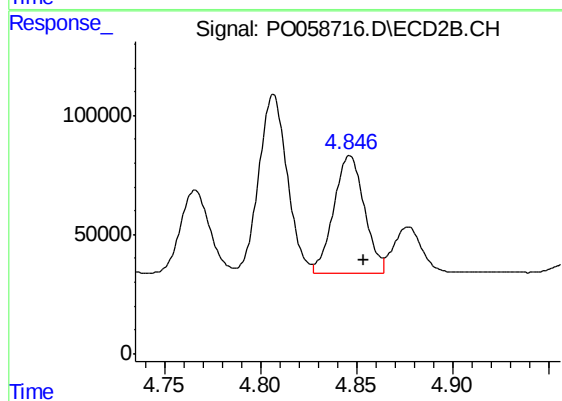
#22 AR-1248-2

R.T.: 4.807 min
Delta R.T.: -0.007 min
Response: 772124
Conc: 696.86 ng/ml



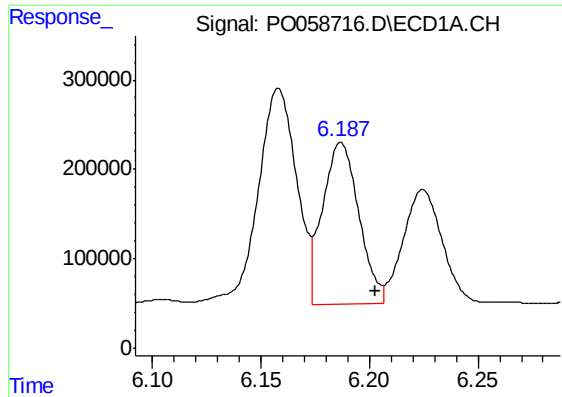
#23 AR-1248-3

R.T.: 5.788 min
Delta R.T.: -0.015 min
Response: 1020369
Conc: 621.19 ng/ml



#23 AR-1248-3

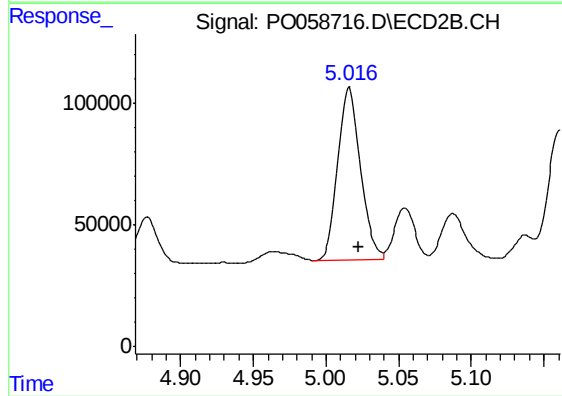
R.T.: 4.846 min
Delta R.T.: -0.007 min
Response: 546587
Conc: 480.24 ng/ml



#24 AR-1248-4

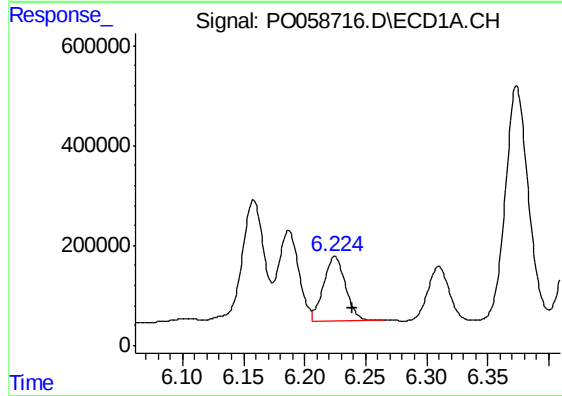
R.T.: 6.187 min
Delta R.T.: -0.016 min
Response: 2102874
Conc: 1038.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



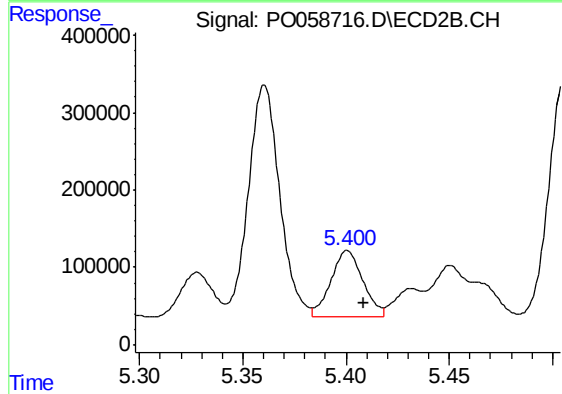
#24 AR-1248-4

R.T.: 5.016 min
Delta R.T.: -0.007 min
Response: 776126
Conc: 555.57 ng/ml



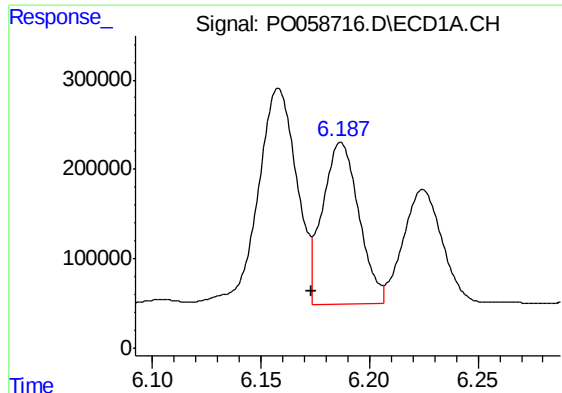
#25 AR-1248-5

R.T.: 6.225 min
Delta R.T.: -0.015 min
Response: 1589661
Conc: 823.51 ng/ml



#25 AR-1248-5

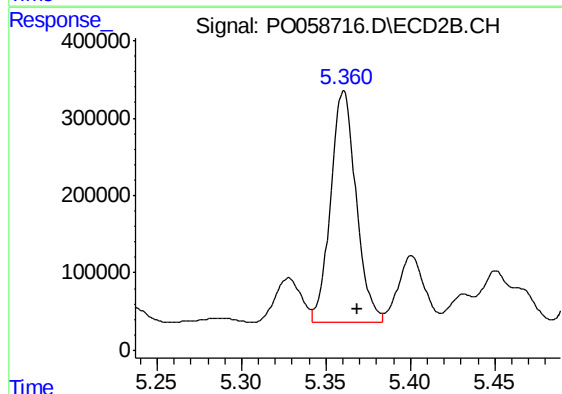
R.T.: 5.401 min
Delta R.T.: -0.008 min
Response: 920037
Conc: 664.16 ng/ml



#26 AR-1254-1

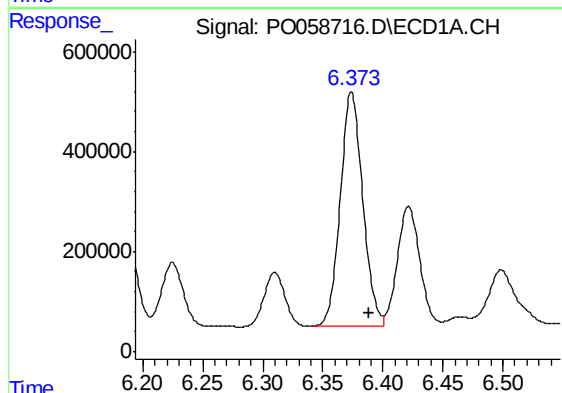
R.T.: 6.187 min
Delta R.T.: 0.013 min
Response: 2102874
Conc: 890.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



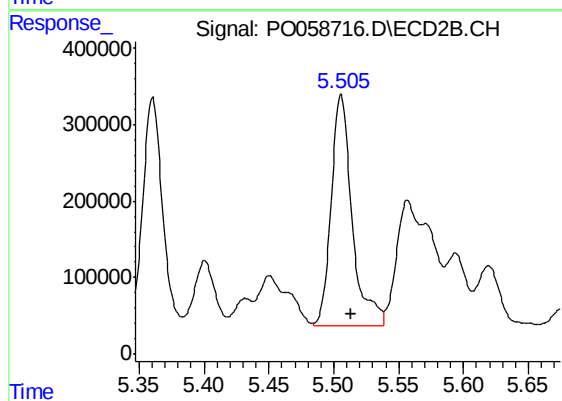
#26 AR-1254-1

R.T.: 5.360 min
Delta R.T.: -0.008 min
Response: 3143998
Conc: 1213.65 ng/ml



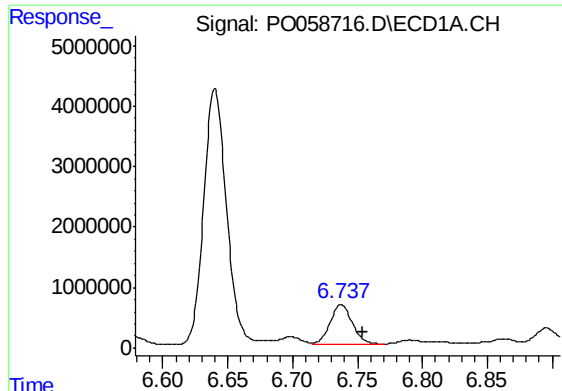
#27 AR-1254-2

R.T.: 6.374 min
Delta R.T.: -0.015 min
Response: 6094788
Conc: 1581.44 ng/ml



#27 AR-1254-2

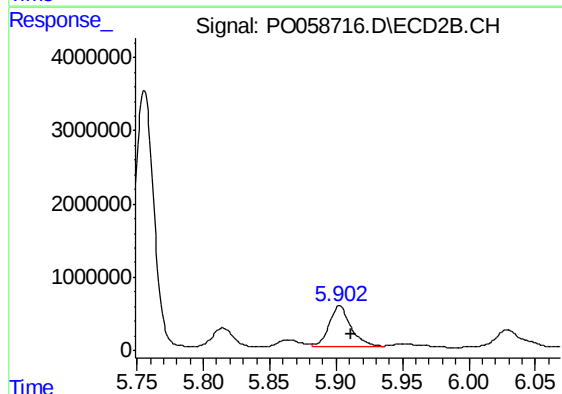
R.T.: 5.506 min
Delta R.T.: -0.008 min
Response: 3402808
Conc: 1486.31 ng/ml



#28 AR-1254-3

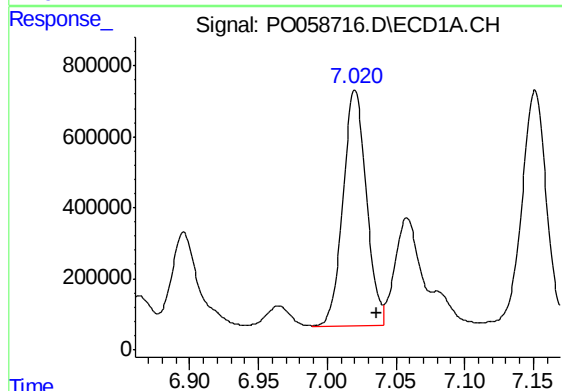
R.T.: 6.738 min
Delta R.T.: -0.016 min
Response: 7923034
Conc: 1956.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



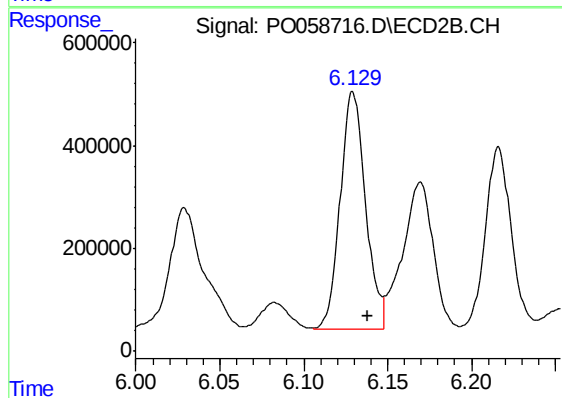
#28 AR-1254-3

R.T.: 5.902 min
Delta R.T.: -0.008 min
Response: 6593832
Conc: 1792.11 ng/ml



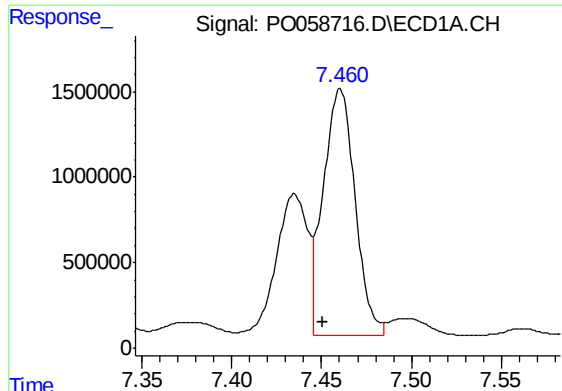
#29 AR-1254-4

R.T.: 7.020 min
Delta R.T.: -0.016 min
Response: 7802914
Conc: 2167.09 ng/ml



#29 AR-1254-4

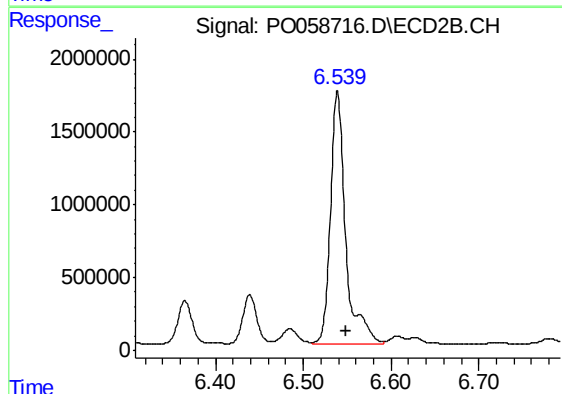
R.T.: 6.129 min
Delta R.T.: -0.008 min
Response: 4841427
Conc: 2082.14 ng/ml



#30 AR-1254-5

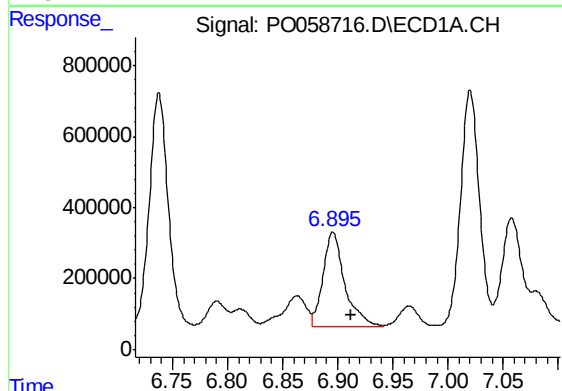
R.T.: 7.460 min
Delta R.T.: 0.010 min
Response: 17797868
Conc: 4910.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



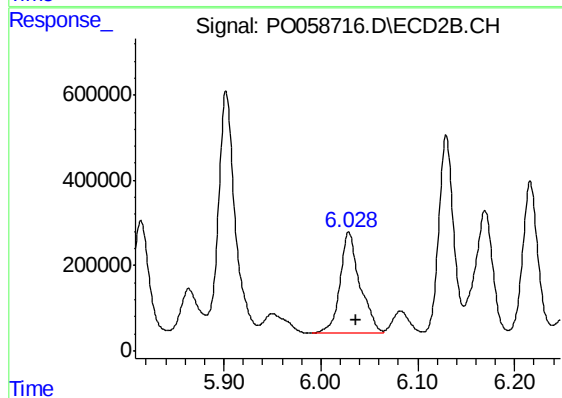
#30 AR-1254-5

R.T.: 6.539 min
Delta R.T.: -0.009 min
Response: 20866620
Conc: 6049.08 ng/ml



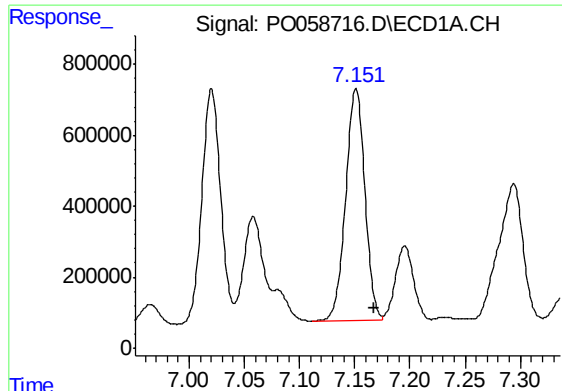
#31 AR-1260-1

R.T.: 6.896 min
Delta R.T.: -0.016 min
Response: 3660717
Conc: 1271.46 ng/ml



#31 AR-1260-1

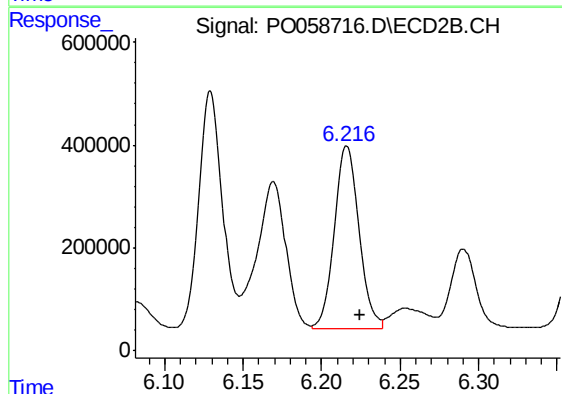
R.T.: 6.029 min
Delta R.T.: -0.008 min
Response: 3377482
Conc: 1419.08 ng/ml



#32 AR-1260-2

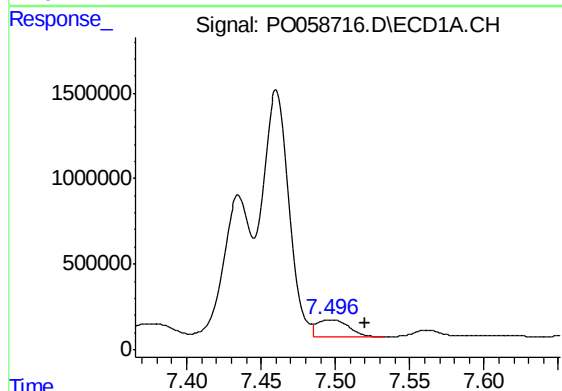
R.T.: 7.151 min
Delta R.T.: -0.016 min
Response: 7963064
Conc: 1914.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



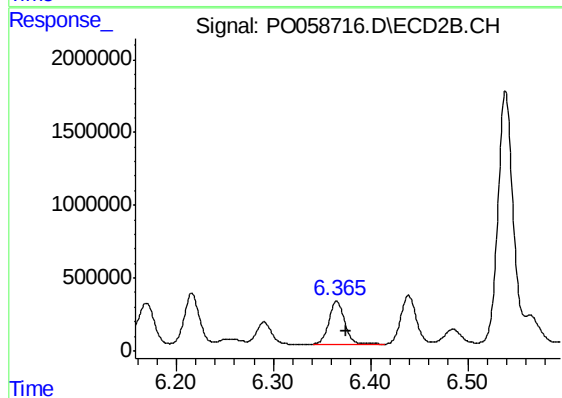
#32 AR-1260-2

R.T.: 6.216 min
Delta R.T.: -0.009 min
Response: 3788822
Conc: 1250.72 ng/ml



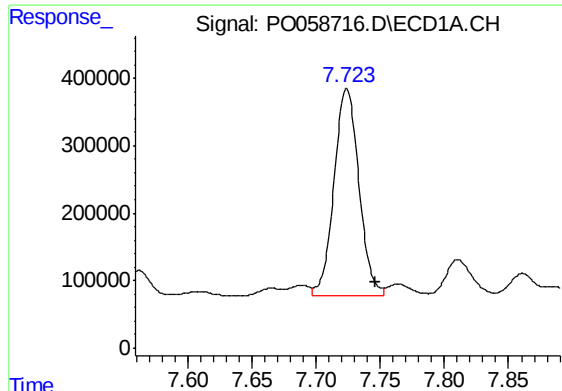
#33 AR-1260-3

R.T.: 7.497 min
Delta R.T.: -0.024 min
Response: 1464627
Conc: 393.30 ng/ml



#33 AR-1260-3

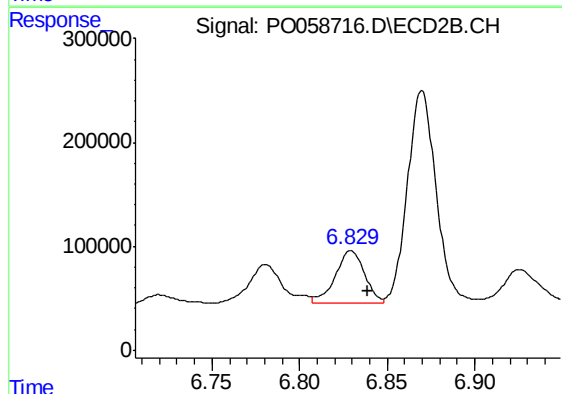
R.T.: 6.365 min
Delta R.T.: -0.009 min
Response: 3314787
Conc: 1227.77 ng/ml



#34 AR-1260-4

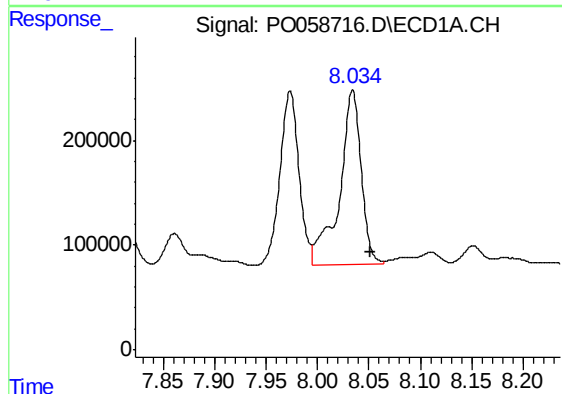
R.T.: 7.724 min
Delta R.T.: -0.023 min
Response: 4153176
Conc: 1218.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



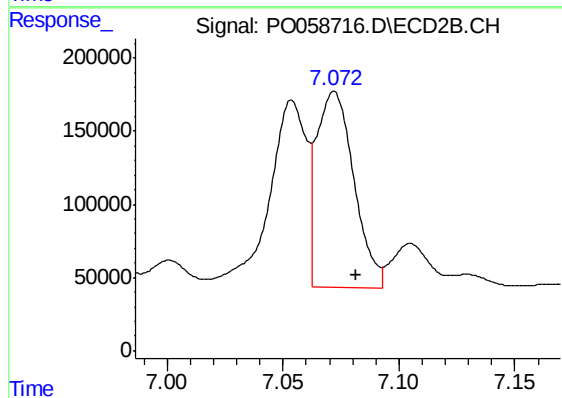
#34 AR-1260-4

R.T.: 6.829 min
Delta R.T.: -0.010 min
Response: 588349
Conc: 260.39 ng/ml



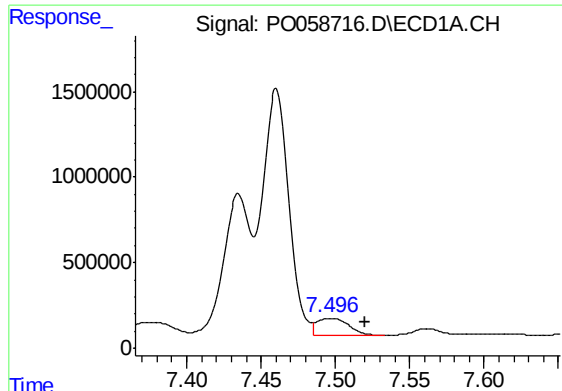
#35 AR-1260-5

R.T.: 8.034 min
Delta R.T.: -0.017 min
Response: 2451644
Conc: 333.34 ng/ml



#35 AR-1260-5

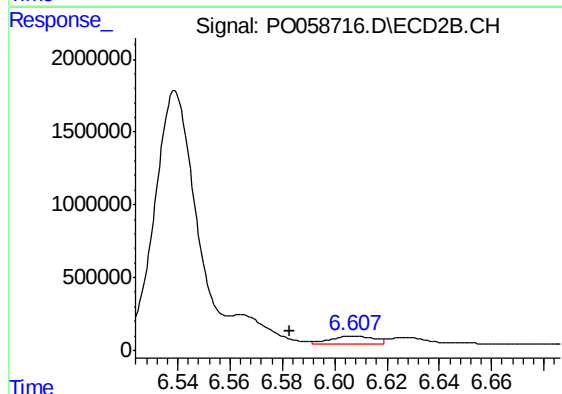
R.T.: 7.072 min
Delta R.T.: -0.010 min
Response: 1501330
Conc: 278.78 ng/ml



#36 AR-1262-1

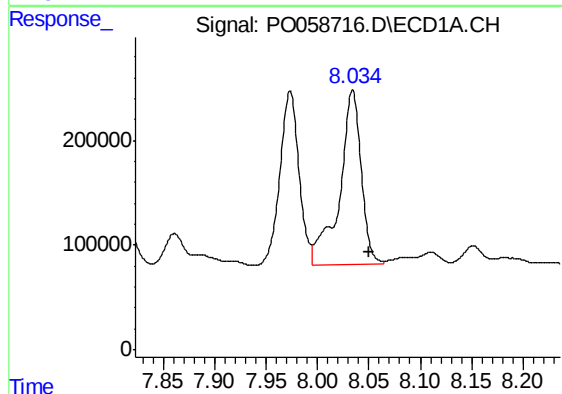
R.T.: 7.497 min
Delta R.T.: -0.023 min
Response: 1464627
Conc: 290.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



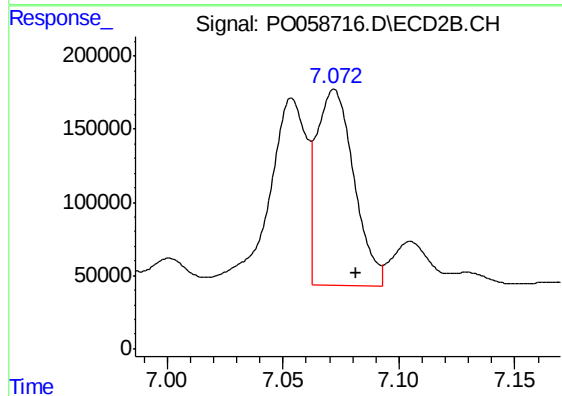
#36 AR-1262-1

R.T.: 6.607 min
Delta R.T.: 0.025 min
Response: 616407
Conc: 172.58 ng/ml



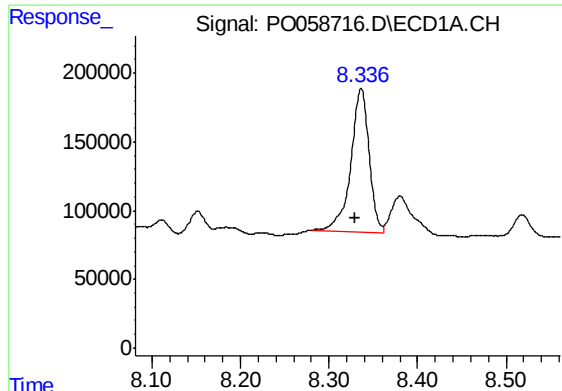
#37 AR-1262-2

R.T.: 8.034 min
Delta R.T.: -0.015 min
Response: 2451644
Conc: 308.03 ng/ml



#37 AR-1262-2

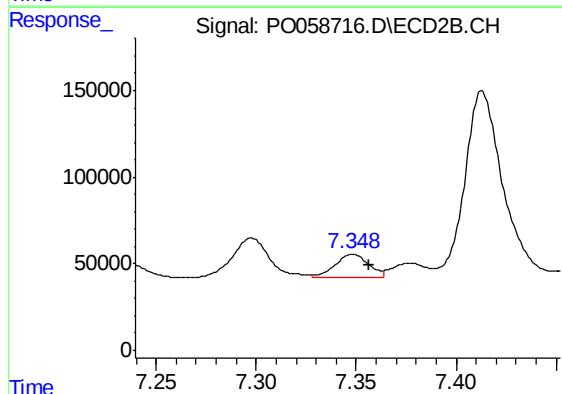
R.T.: 7.072 min
Delta R.T.: -0.009 min
Response: 1501330
Conc: 265.91 ng/ml



#38 AR-1262-3

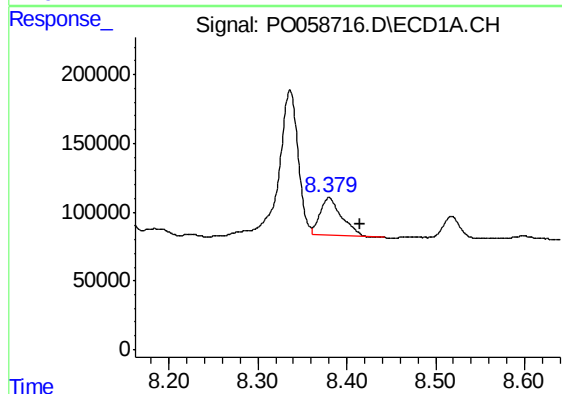
R.T.: 8.336 min
Delta R.T.: 0.006 min
Response: 1498014
Conc: 294.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



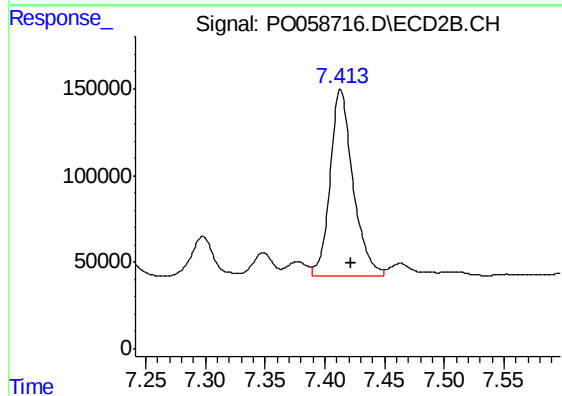
#38 AR-1262-3

R.T.: 7.348 min
Delta R.T.: -0.008 min
Response: 156443
Conc: 63.39 ng/ml



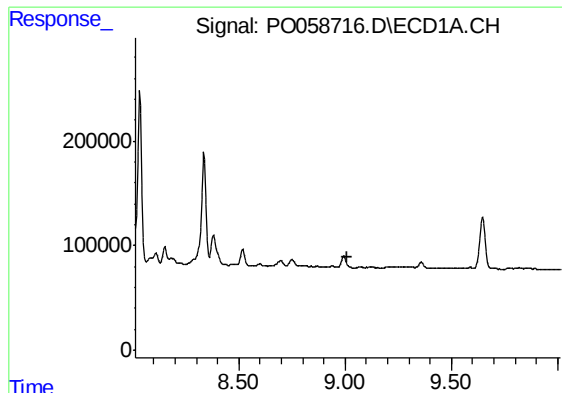
#39 AR-1262-4

R.T.: 8.380 min
Delta R.T.: -0.035 min
Response: 464061
Conc: 122.46 ng/ml



#39 AR-1262-4

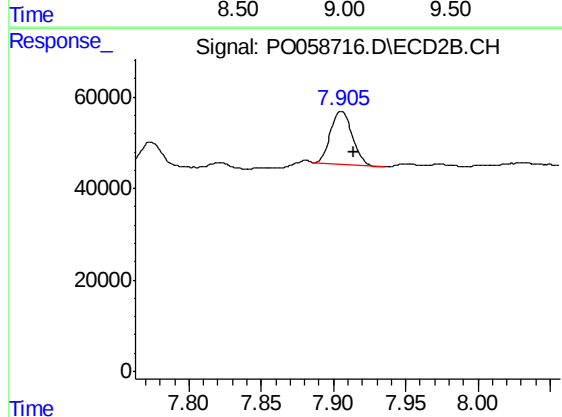
R.T.: 7.413 min
Delta R.T.: -0.009 min
Response: 1429377
Conc: 336.63 ng/ml



#40 AR-1262-5

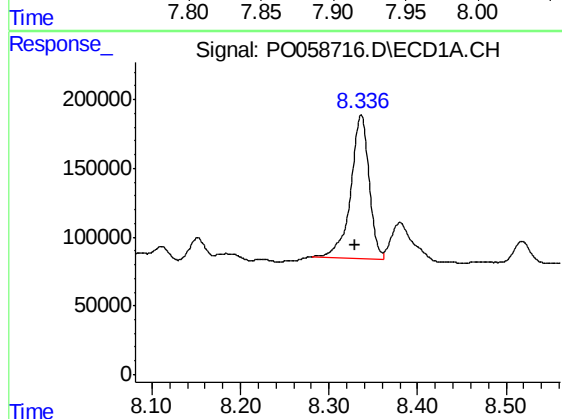
R.T.: 0.000 min
Exp R.T.: 9.013 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



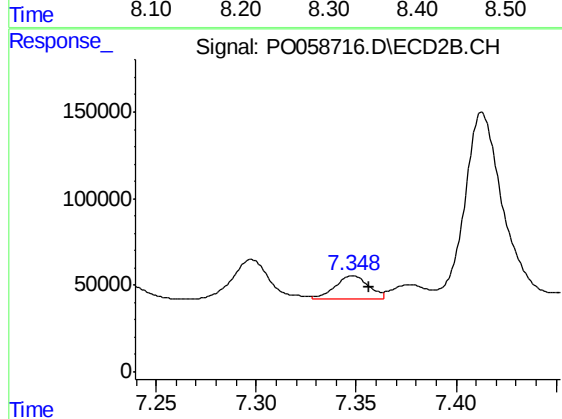
#40 AR-1262-5

R.T.: 7.906 min
Delta R.T.: -0.008 min
Response: 121253
Conc: 71.31 ng/ml



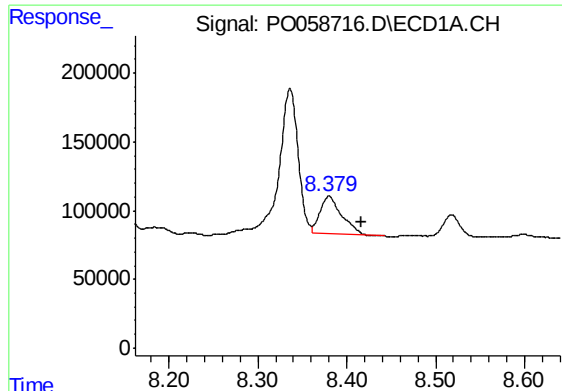
#41 AR-1268-1

R.T.: 8.336 min
Delta R.T.: 0.007 min
Response: 1498014
Conc: 134.12 ng/ml



#41 AR-1268-1

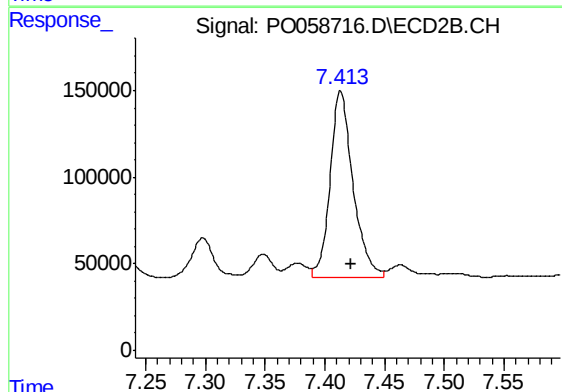
R.T.: 7.348 min
Delta R.T.: -0.008 min
Response: 156443
Conc: 19.21 ng/ml



#42 AR-1268-2

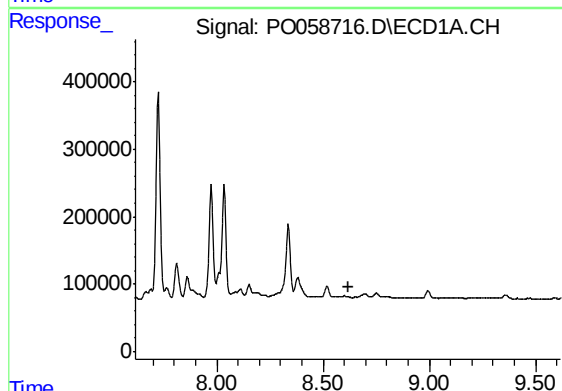
R.T.: 8.380 min
Delta R.T.: -0.036 min
Response: 464061
Conc: 49.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



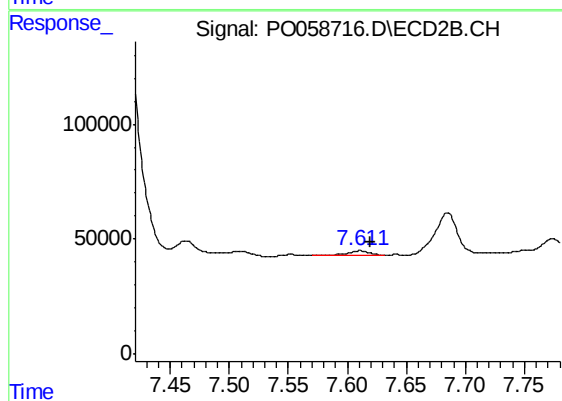
#42 AR-1268-2

R.T.: 7.413 min
Delta R.T.: -0.009 min
Response: 1429377
Conc: 188.64 ng/ml



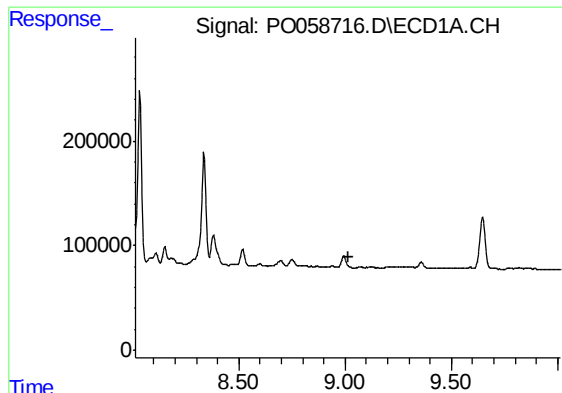
#43 AR-1268-3

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



#43 AR-1268-3

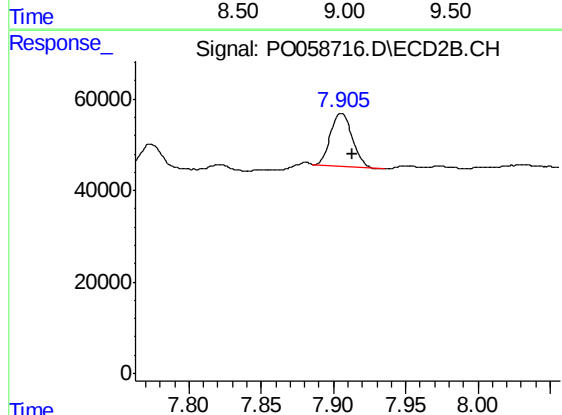
R.T.: 7.611 min
Delta R.T.: -0.008 min
Response: 22727
Conc: 3.56 ng/ml



#44 AR-1268-4

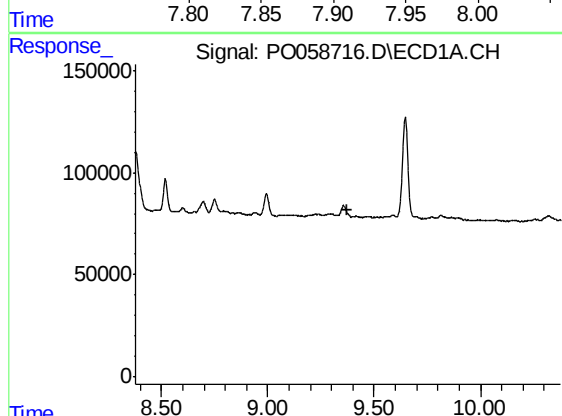
R.T.: 0.000 min
Exp R.T. : 9.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S8-05-S-01



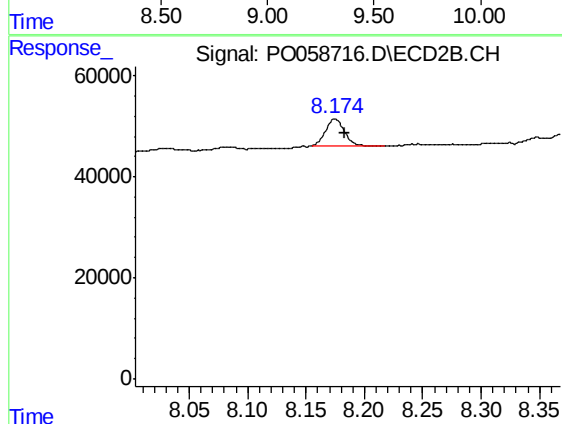
#44 AR-1268-4

R.T.: 7.906 min
Delta R.T.: -0.008 min
Response: 121253
Conc: 52.25 ng/ml



#45 AR-1268-5

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



#45 AR-1268-5

R.T.: 8.175 min
Delta R.T.: -0.008 min
Response: 58822
Conc: 3.43 ng/ml