

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082719\
 Data File : PL051812.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2019 15:03
 Operator : SG\AJ
 Sample : K4525-19MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 T9-12-13-C-(0-1.9)MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 00:46:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 19 18:03:07 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.314	3.925	139.2E6	34548381	16.259	15.813
28)	SA Decachlor...	7.972	8.952	174.1E6	40262062	14.340	13.227
Target Compounds							
2)	A alpha-BHC	3.741	4.313	609.2E6	140.4E6	42.043	43.581
3)	MA gamma-BHC...	4.017	4.596	589.7E6	138.0E6	44.824	43.839
4)	MA Heptachlor	4.300	5.097	643.5E6	150.7E6	42.505	42.965
5)	MB Aldrin	4.537	5.398	592.4E6	142.0E6	40.992	43.310
6)	B beta-BHC	4.270	4.773	285.7E6	60458596	50.027m	41.483
7)	B delta-BHC	4.464	4.986	549.7E6	114.0E6	36.968	36.429
8)	B Heptachlo...	4.973	5.785	547.3E6	133.8E6	39.133	39.633
9)	A Endosulfan I	5.304	6.140	488.0E6	126.2E6	36.299	39.022
10)	B gamma-Chl...	5.195	6.019	563.9E6	137.7E6	37.765	37.725
11)	B alpha-Chl...	5.252	6.091	543.1E6	136.7E6	37.527	39.600
12)	B 4,4'-DDE	5.419	6.250	551.2E6	126.7E6	40.277	36.006
13)	MA Dieldrin	5.541	6.396	673.9E6	137.7E6	44.323	40.197
14)	MA Endrin	5.794	6.614	555.5E6	123.6E6	38.085	40.868
15)	B Endosulfa...	6.070	6.826	472.4E6	132.8E6	33.954	40.286
16)	A 4,4'-DDD	5.929	6.741	432.6E6	121.5E6	35.326	44.883 #
17)	MA 4,4'-DDT	6.162	7.038	451.9E6	109.8E6	35.442	37.521
18)	B Endrin al...	6.236	6.950	391.7E6	105.9E6	33.673	37.479
19)	B Endosulfa...	6.448	7.173	471.9E6	120.9E6	36.274	39.148
20)	A Methoxychlor	6.707	7.499	245.9E6	59560361	36.269	35.512
21)	B Endrin ke...	6.928	7.641	498.0E6	123.4E6	35.203	38.557
22)	Mirex	7.102	8.089	360.8E6	95269460	34.079	39.162

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082719\
 Data File : PL051812.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2019 15:03
 Operator : SG\AJ
 Sample : K4525-19MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

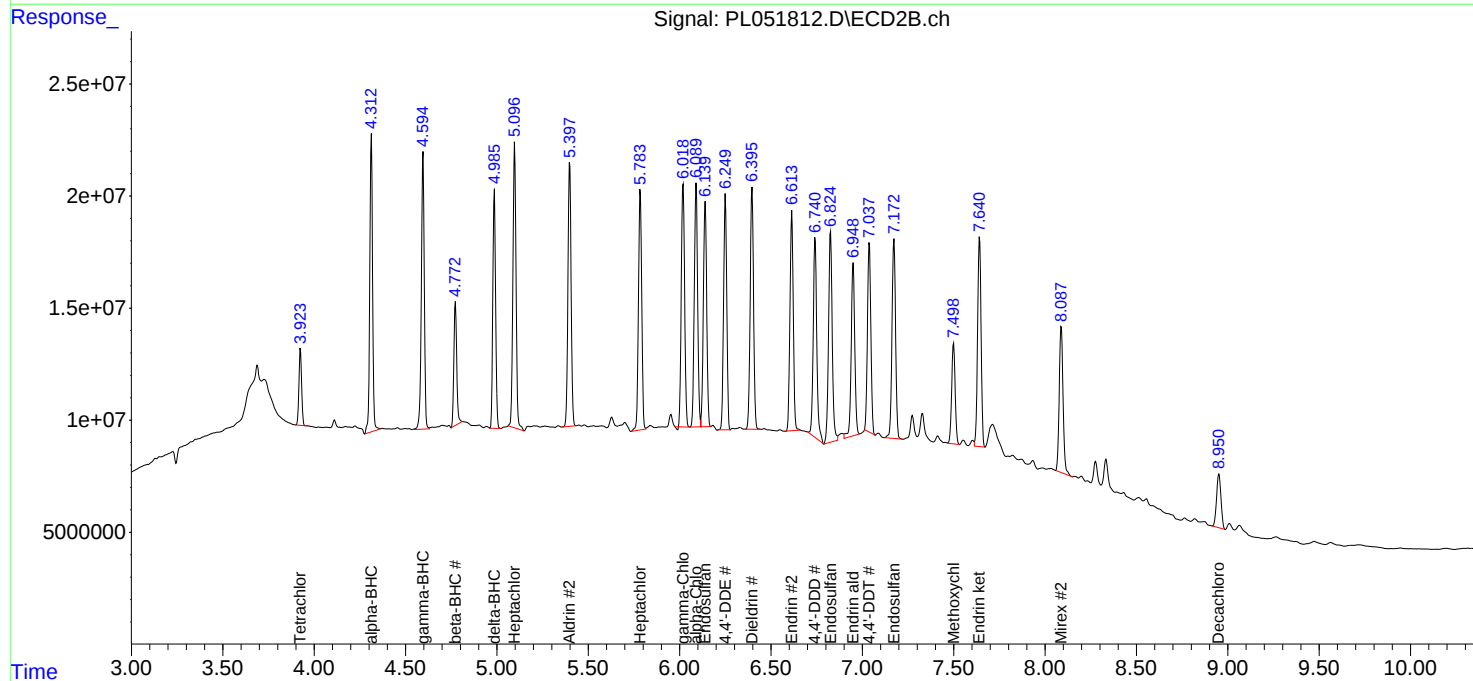
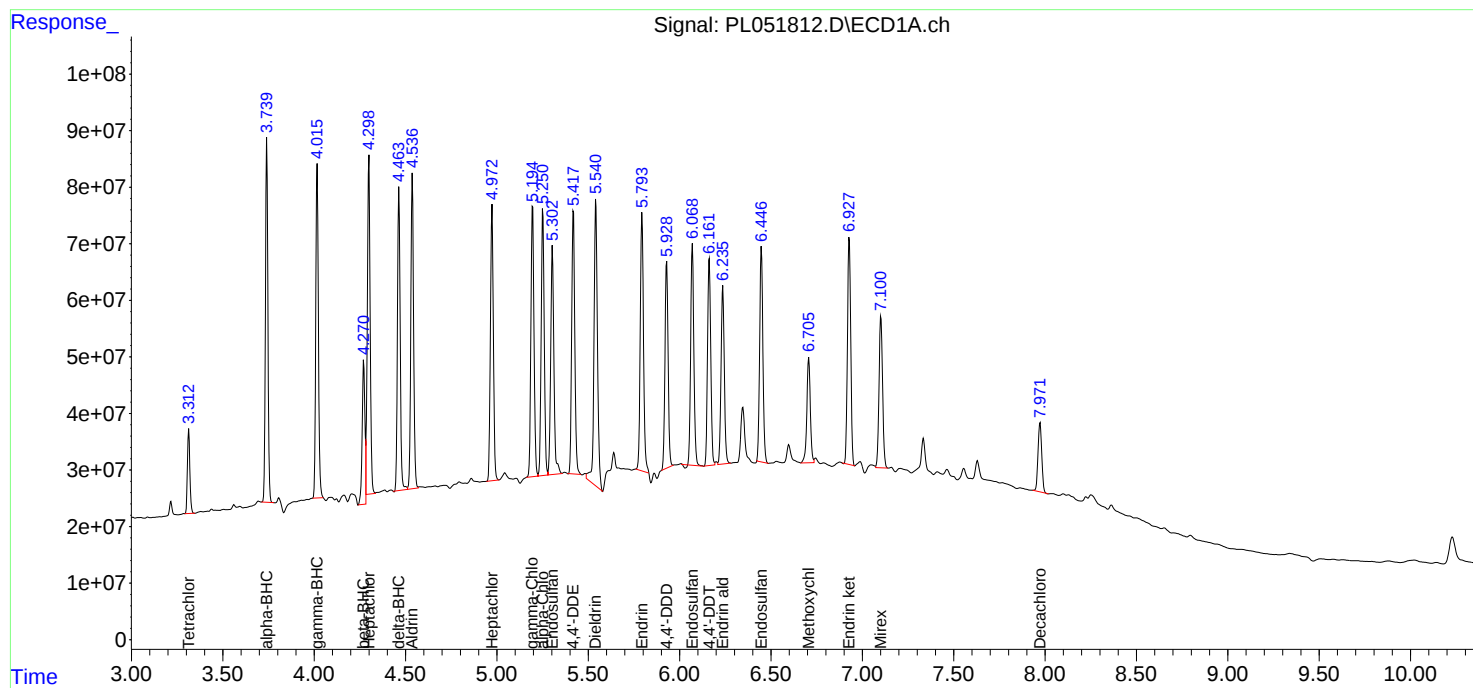
Instrument :
 ECD_L
 ClientSampleId :
 T9-12-13-C-(0-1.9)MSD

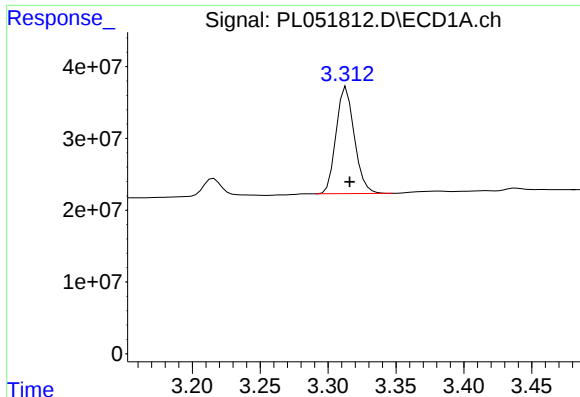
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 00:46:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 19 18:03:07 2019
 Response via : Initial Calibration
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





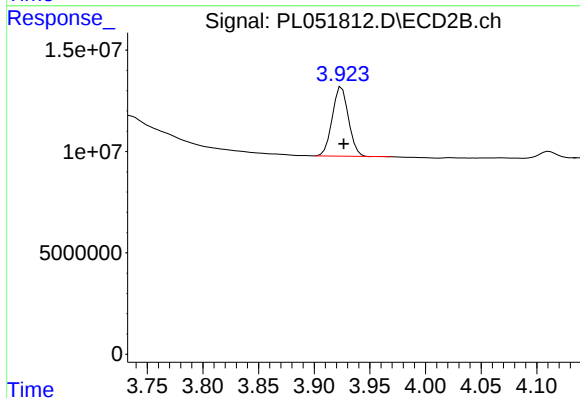
#1 Tetrachloro-m-xylene

R.T.: 3.314 min
Delta R.T.: -0.002 min
Response: 139152645
Conc: 16.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

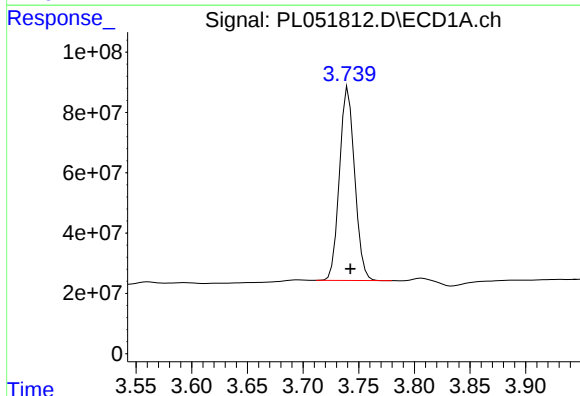
Manual Integrations
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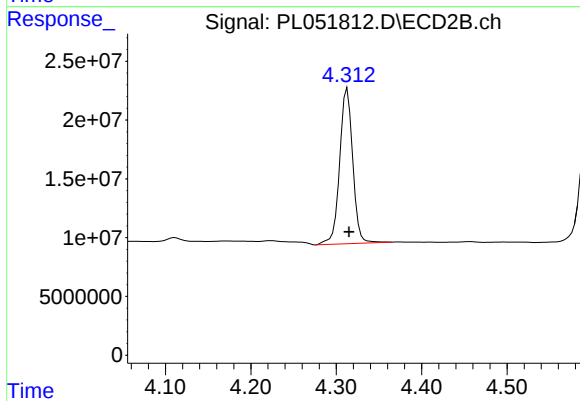
#1 Tetrachloro-m-xylene

R.T.: 3.925 min
Delta R.T.: -0.002 min
Response: 34548381
Conc: 15.81 ng/ml



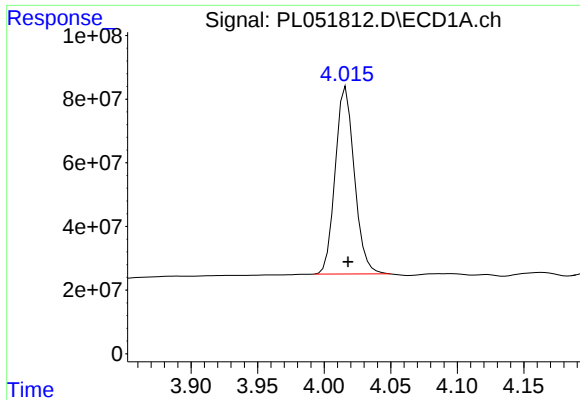
#2 alpha-BHC

R.T.: 3.741 min
Delta R.T.: -0.002 min
Response: 609186233
Conc: 42.04 ng/ml



#2 alpha-BHC

R.T.: 4.313 min
Delta R.T.: -0.002 min
Response: 140435128
Conc: 43.58 ng/ml



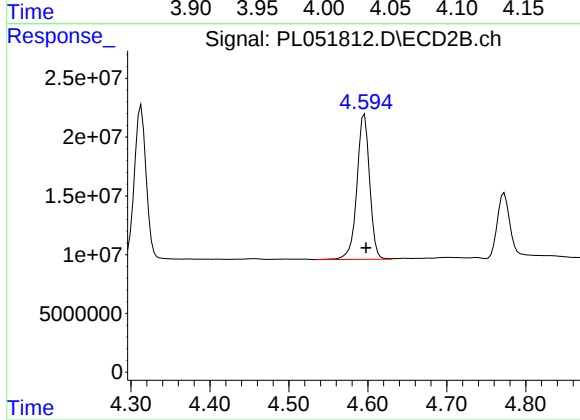
#3 gamma-BHC (Lindane)

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 589732939
Conc: 44.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

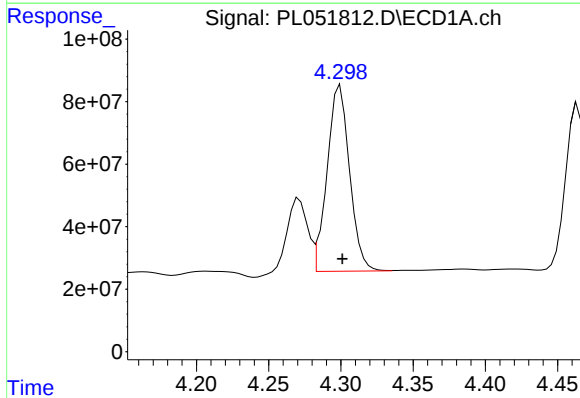
Manual Integrations
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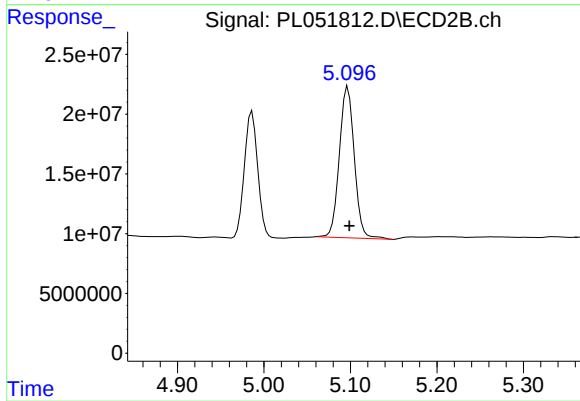
#3 gamma-BHC (Lindane)

R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 138018046
Conc: 43.84 ng/ml



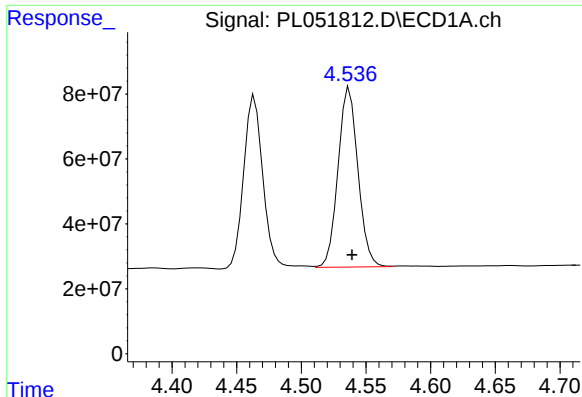
#4 Heptachlor

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 643471770
Conc: 42.50 ng/ml



#4 Heptachlor

R.T.: 5.097 min
Delta R.T.: -0.002 min
Response: 150674498
Conc: 42.97 ng/ml



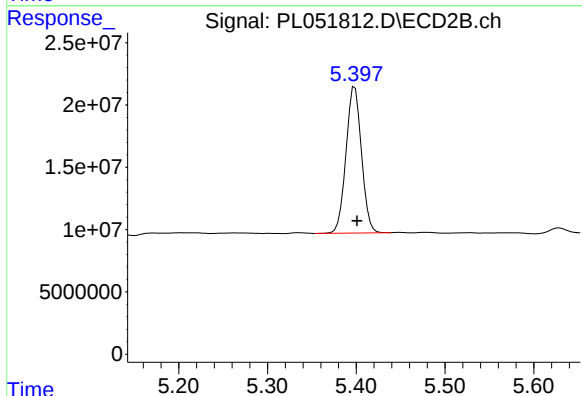
#5 Aldrin

R.T.: 4.537 min
Delta R.T.: -0.002 min
Response: 592358069
Conc: 40.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

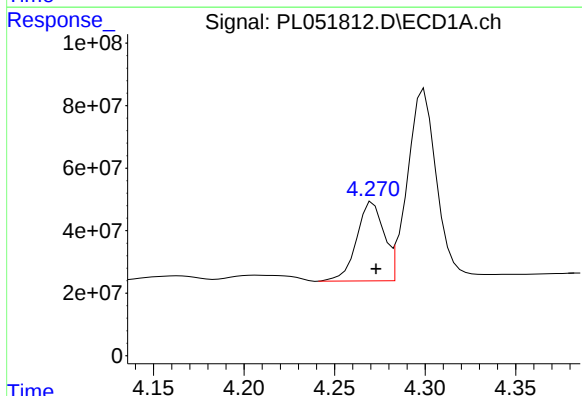
Manual Integrations
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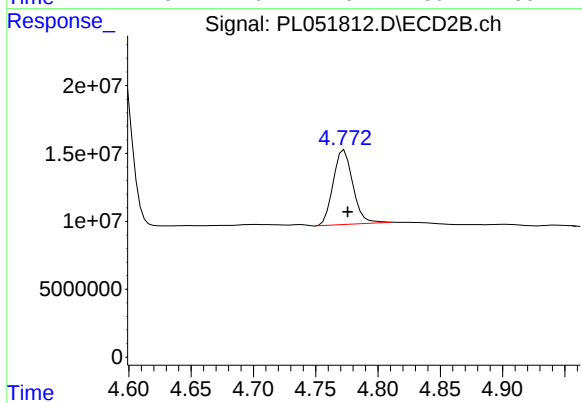
#5 Aldrin

R.T.: 5.398 min
Delta R.T.: -0.002 min
Response: 142009623
Conc: 43.31 ng/ml



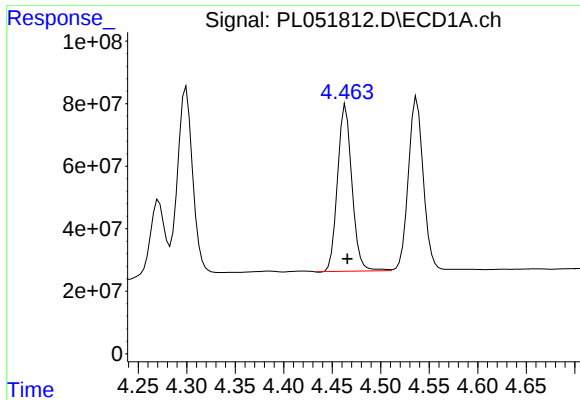
#6 beta-BHC

R.T.: 4.270 min
Delta R.T.: -0.003 min
Response: 285657215
Conc: 50.03 ng/ml m



#6 beta-BHC

R.T.: 4.773 min
Delta R.T.: -0.003 min
Response: 60458596
Conc: 41.48 ng/ml



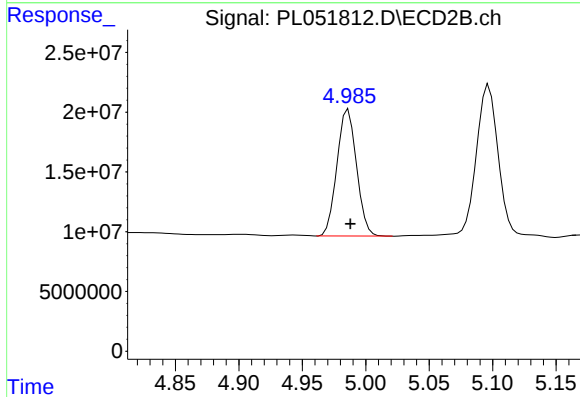
#7 delta-BHC

R.T.: 4.464 min
Delta R.T.: -0.002 min
Response: 549674648
Conc: 36.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

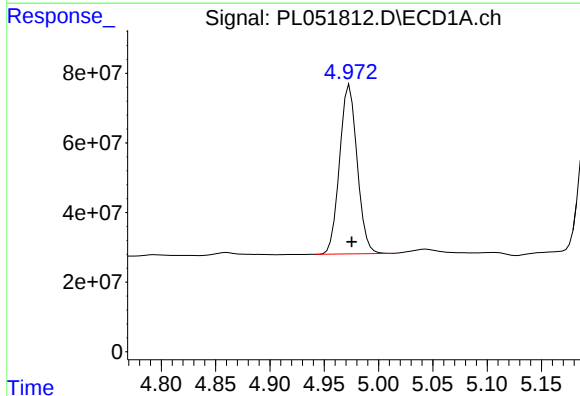
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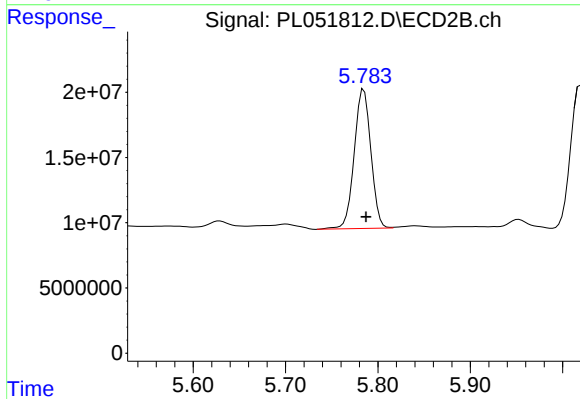
#7 delta-BHC

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 114014813
Conc: 36.43 ng/ml



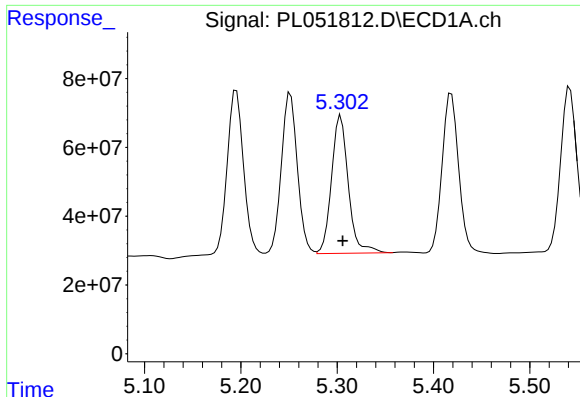
#8 Heptachlor epoxide

R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 547294125
Conc: 39.13 ng/ml



#8 Heptachlor epoxide

R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 133754319
Conc: 39.63 ng/ml



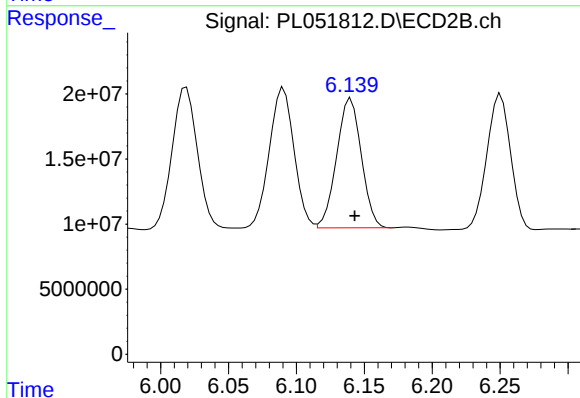
#9 Endosulfan I

R.T.: 5.304 min
Delta R.T.: -0.002 min
Response: 487998187
Conc: 36.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

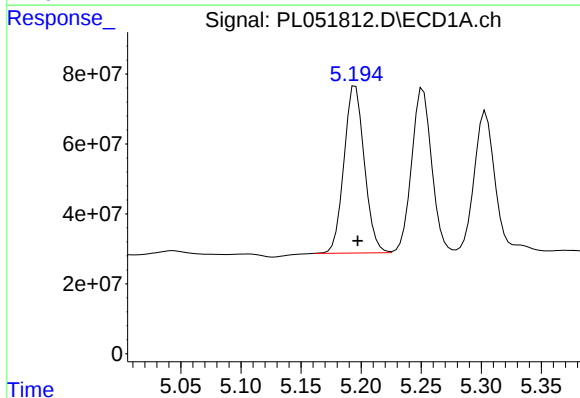
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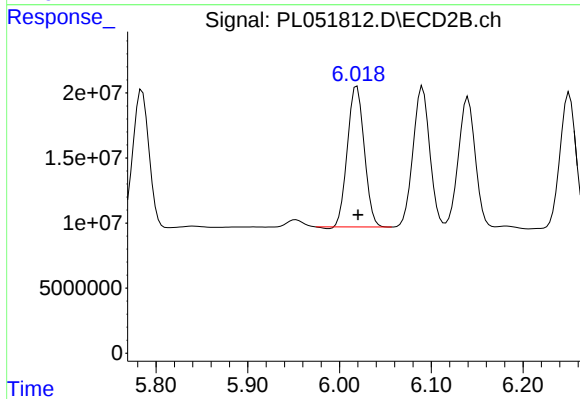
#9 Endosulfan I

R.T.: 6.140 min
Delta R.T.: -0.003 min
Response: 126166691
Conc: 39.02 ng/ml



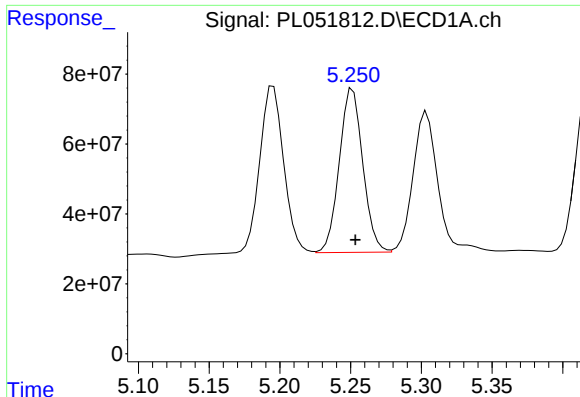
#10 gamma-Chlordane

R.T.: 5.195 min
Delta R.T.: -0.002 min
Response: 563910793
Conc: 37.77 ng/ml



#10 gamma-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 137733272
Conc: 37.72 ng/ml



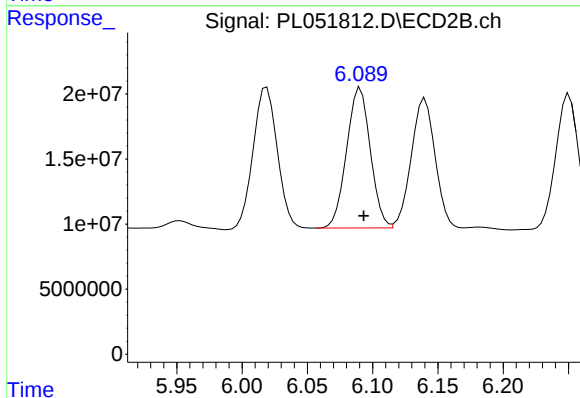
#11 alpha-Chlordane

R.T.: 5.252 min
Delta R.T.: -0.002 min
Response: 543058142
Conc: 37.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

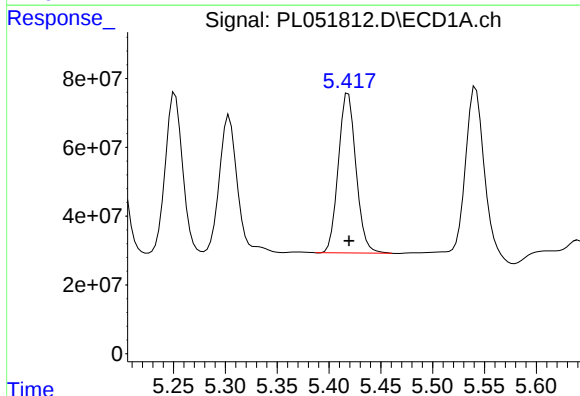
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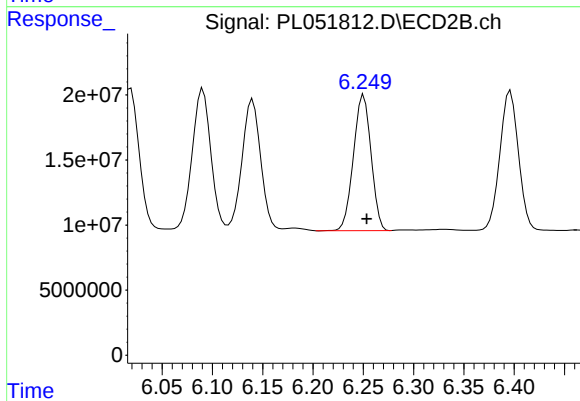
#11 alpha-Chlordane

R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 136658615
Conc: 39.60 ng/ml



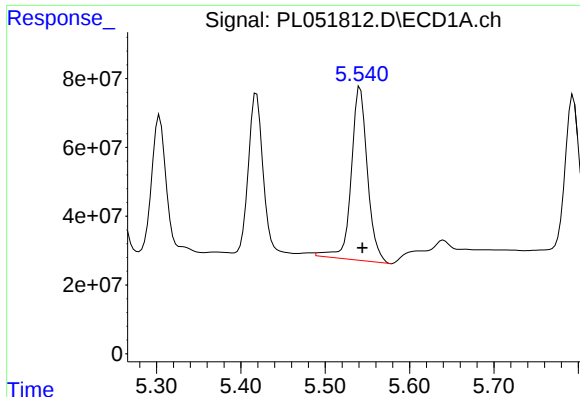
#12 4,4'-DDE

R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 551221261
Conc: 40.28 ng/ml



#12 4,4'-DDE

R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 126744851
Conc: 36.01 ng/ml



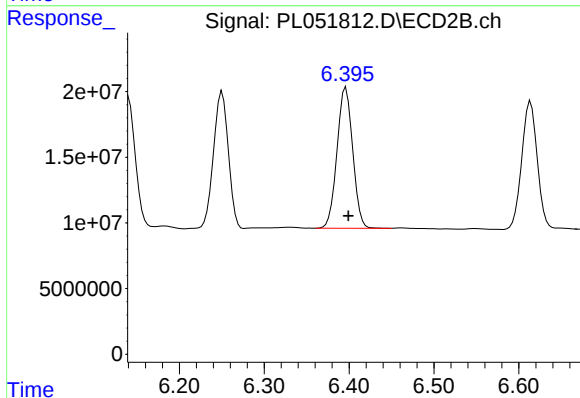
#13 Dieldrin

R.T.: 5.541 min
Delta R.T.: -0.002 min
Response: 673931370
Conc: 44.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

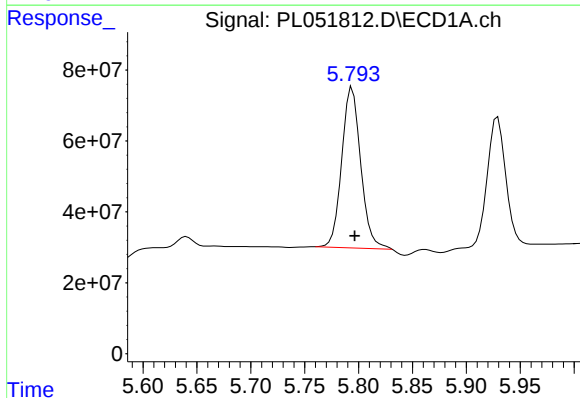
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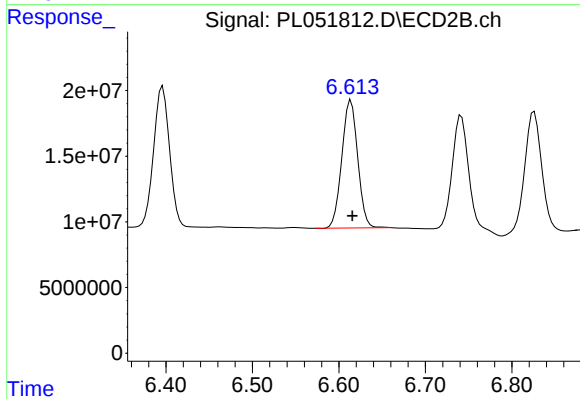
#13 Dieldrin

R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 137656719
Conc: 40.20 ng/ml



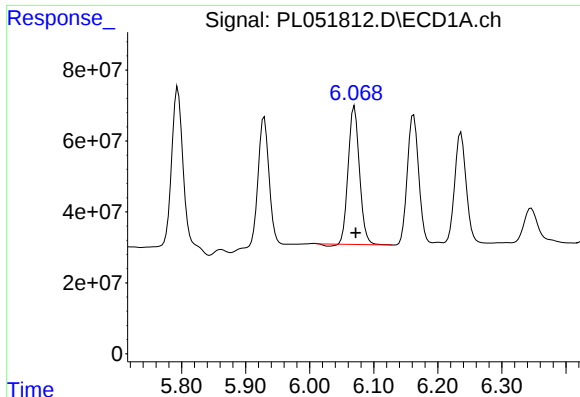
#14 Endrin

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 555505410
Conc: 38.08 ng/ml



#14 Endrin

R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 123609014
Conc: 40.87 ng/ml



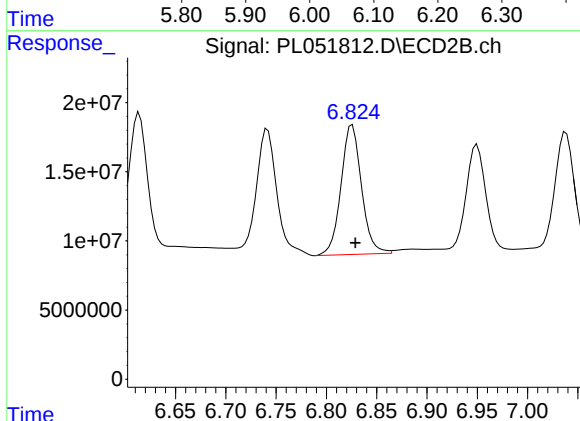
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 472433363
Conc: 33.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

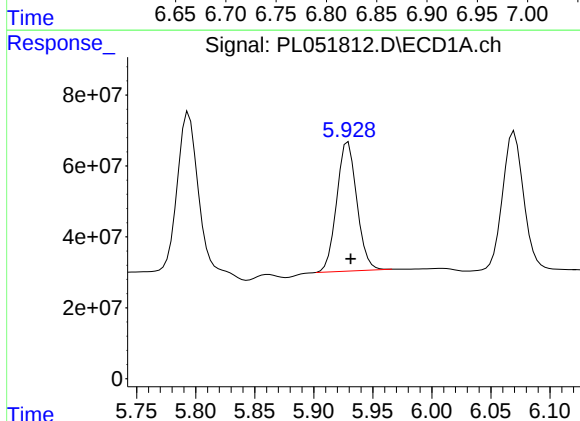
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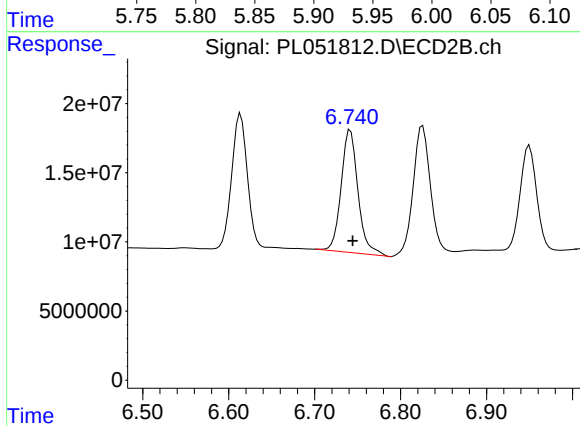
#15 Endosulfan II

R.T.: 6.826 min
Delta R.T.: -0.003 min
Response: 132783857
Conc: 40.29 ng/ml



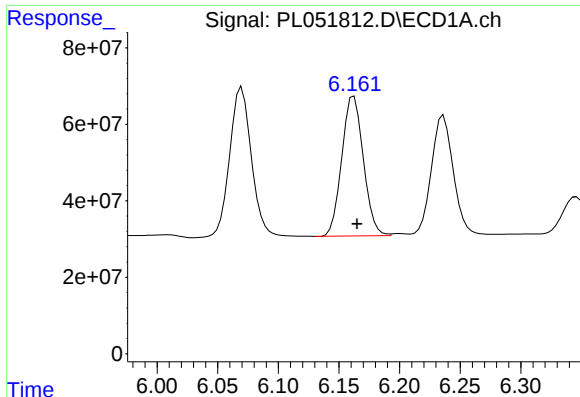
#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 432583416
Conc: 35.33 ng/ml



#16 4,4'-DDD

R.T.: 6.741 min
Delta R.T.: -0.003 min
Response: 121514407
Conc: 44.88 ng/ml



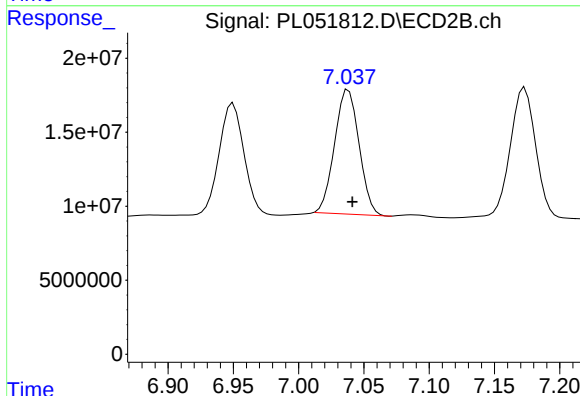
#17 4,4'-DDT

R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 451929298
Conc: 35.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

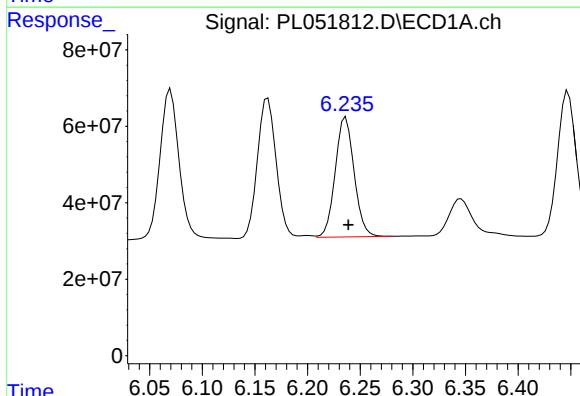
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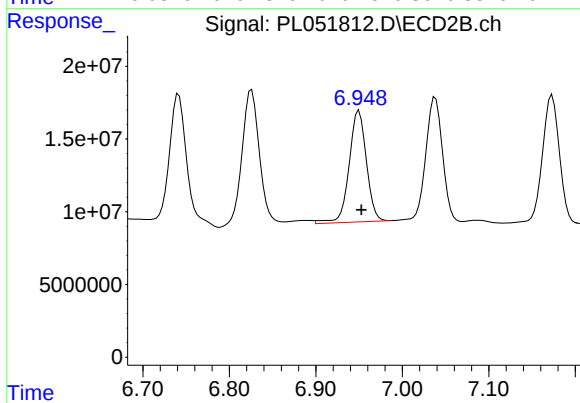
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: -0.003 min
Response: 109849910
Conc: 37.52 ng/ml



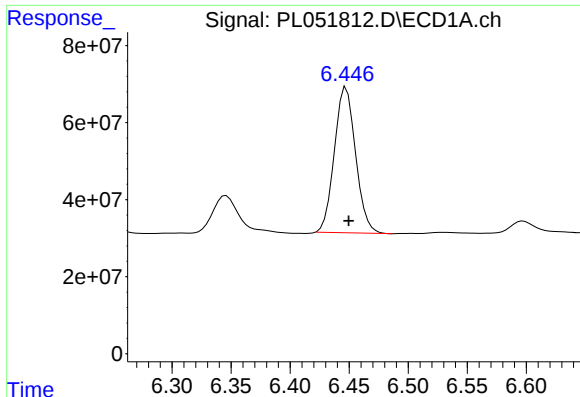
#18 Endrin aldehyde

R.T.: 6.236 min
Delta R.T.: -0.002 min
Response: 391719351
Conc: 33.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.950 min
Delta R.T.: -0.003 min
Response: 105922796
Conc: 37.48 ng/ml



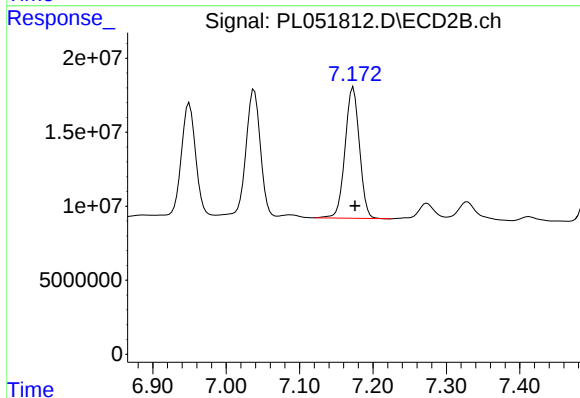
#19 Endosulfan Sulfate

R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 471893954
Conc: 36.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

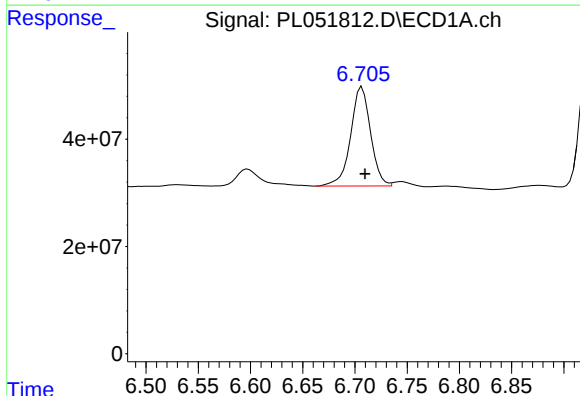
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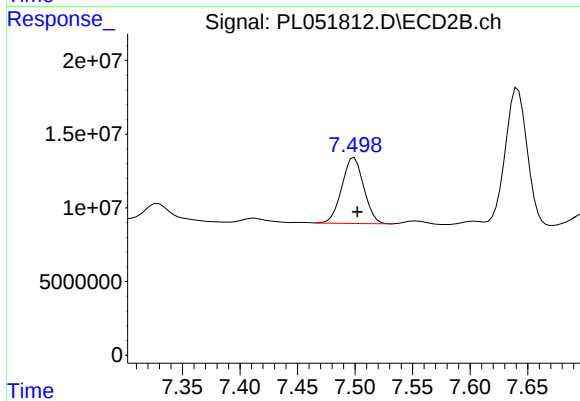
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 120890206
Conc: 39.15 ng/ml



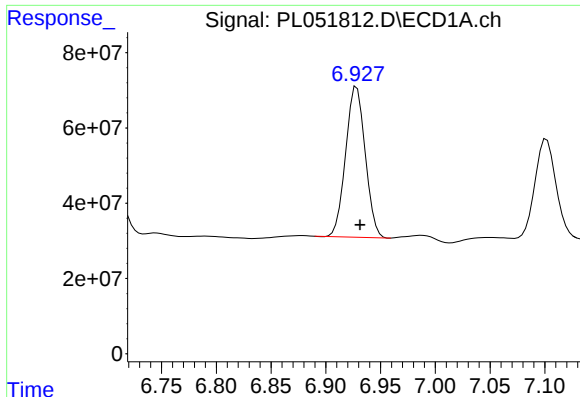
#20 Methoxychlor

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 245895197
Conc: 36.27 ng/ml



#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.003 min
Response: 59560361
Conc: 35.51 ng/ml



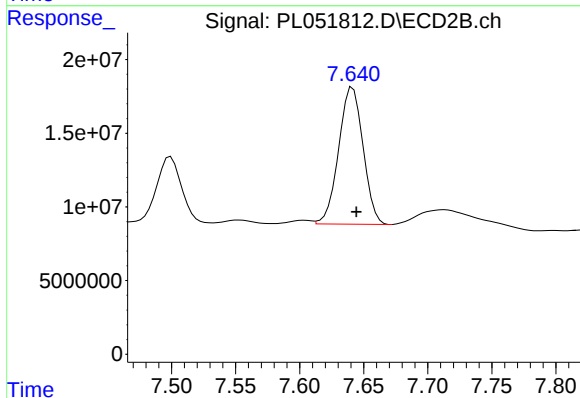
#21 Endrin ketone

R.T.: 6.928 min
Delta R.T.: -0.003 min
Response: 498018285
Conc: 35.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

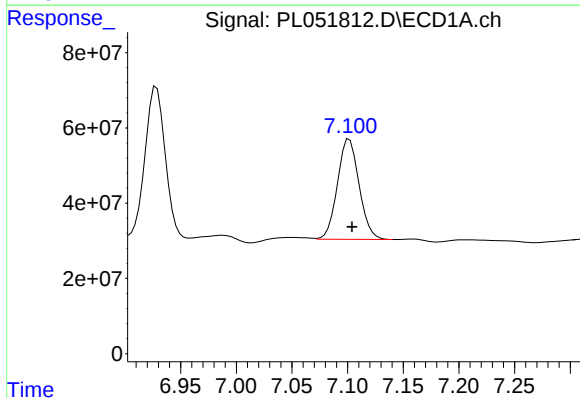
Manual Integrations
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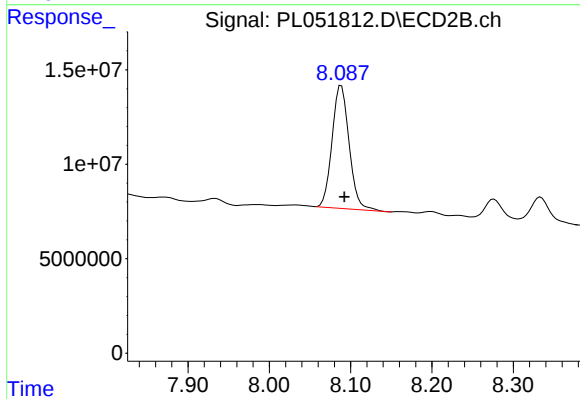
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 123362102
Conc: 38.56 ng/ml



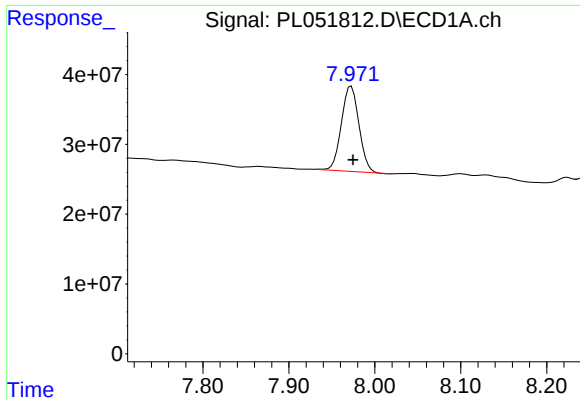
#22 Mirex

R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 360804583
Conc: 34.08 ng/ml



#22 Mirex

R.T.: 8.089 min
Delta R.T.: -0.004 min
Response: 95269460
Conc: 39.16 ng/ml



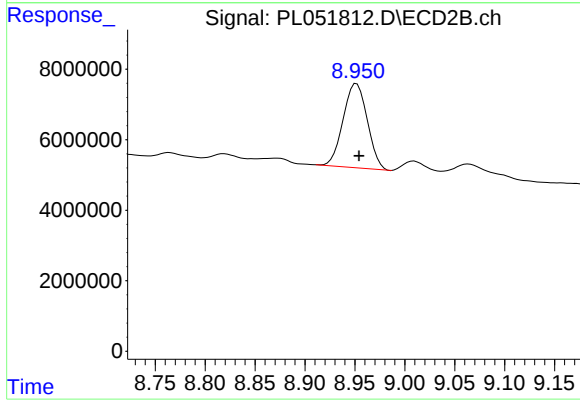
#28 Decachlorobiphenyl

R.T.: 7.972 min
Delta R.T.: -0.002 min
Response: 174050882
Conc: 14.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

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#28 Decachlorobiphenyl

R.T.: 8.952 min
Delta R.T.: -0.002 min
Response: 40262062
Conc: 13.23 ng/ml