

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081319\
 Data File : PL051390.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2019 11:14
 Operator : SM\AJ
 Sample : K4239-20MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-035-B246-080619MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 00:38:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 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...	3.316	3.927	211.6E6	55880988	21.062	19.585
28)	SA Decachlor...	7.976	8.955	184.7E6	47221017	18.242	16.698
Target Compounds							
2)	A alpha-BHC	3.743	4.315	872.7E6	208.2E6	52.076	50.458
3)	MA gamma-BHC...	4.019	4.598	811.2E6	199.7E6	52.741	51.563
4)	MA Heptachlor	4.302	5.099	866.3E6	207.6E6	52.800	50.068
5)	MB Aldrin	4.540	5.401	848.6E6	194.7E6	54.776	51.659
6)	B beta-BHC	4.273	4.775	339.7E6	88353986	51.819	51.105
7)	B delta-BHC	4.466	4.989	722.0E6	156.4E6	44.004	40.442
8)	B Heptachlo...	4.976	5.789	740.4E6	181.3E6	50.119	47.400
9)	A Endosulfan I	5.307	6.143	642.5E6	166.2E6	44.175	48.334
10)	B gamma-Chl...	5.198	6.022	779.6E6	176.9E6	49.395	47.879
11)	B alpha-Chl...	5.254	6.094	739.2E6	178.3E6	48.453	48.634
12)	B 4,4'-DDE	5.421	6.254	583.7E6	165.1E6	38.953	45.805
13)	MA Dieldrin	5.543	6.400	734.7E6	177.6E6	47.410m	50.146
14)	MA Endrin	5.797	6.617	725.1E6	154.0E6	49.258	49.643
15)	B Endosulfa...	6.071	6.829	619.3E6	150.6E6	44.252m	47.365
16)	A 4,4'-DDD	5.932	6.745	439.9E6	132.9E6	36.706	49.916 #
17)	MA 4,4'-DDT	6.166	7.041	548.0E6	134.9E6	44.242	49.974
18)	B Endrin al...	6.240	6.953	493.1E6	112.6E6	42.746	41.435
19)	B Endosulfa...	6.451	7.176	581.0E6	142.4E6	45.604	49.306
20)	A Methoxychlor	6.711	7.502	289.6E6	74602289	46.421	50.844
21)	B Endrin ke...	6.932	7.644	627.9E6	152.3E6	45.906	52.670
22)	Mirex	7.105	8.092	444.6E6	109.8E6	45.342	47.801

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081319\
Data File : PL051390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2019 11:14
Operator : SM\AJ
Sample : K4239-20MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

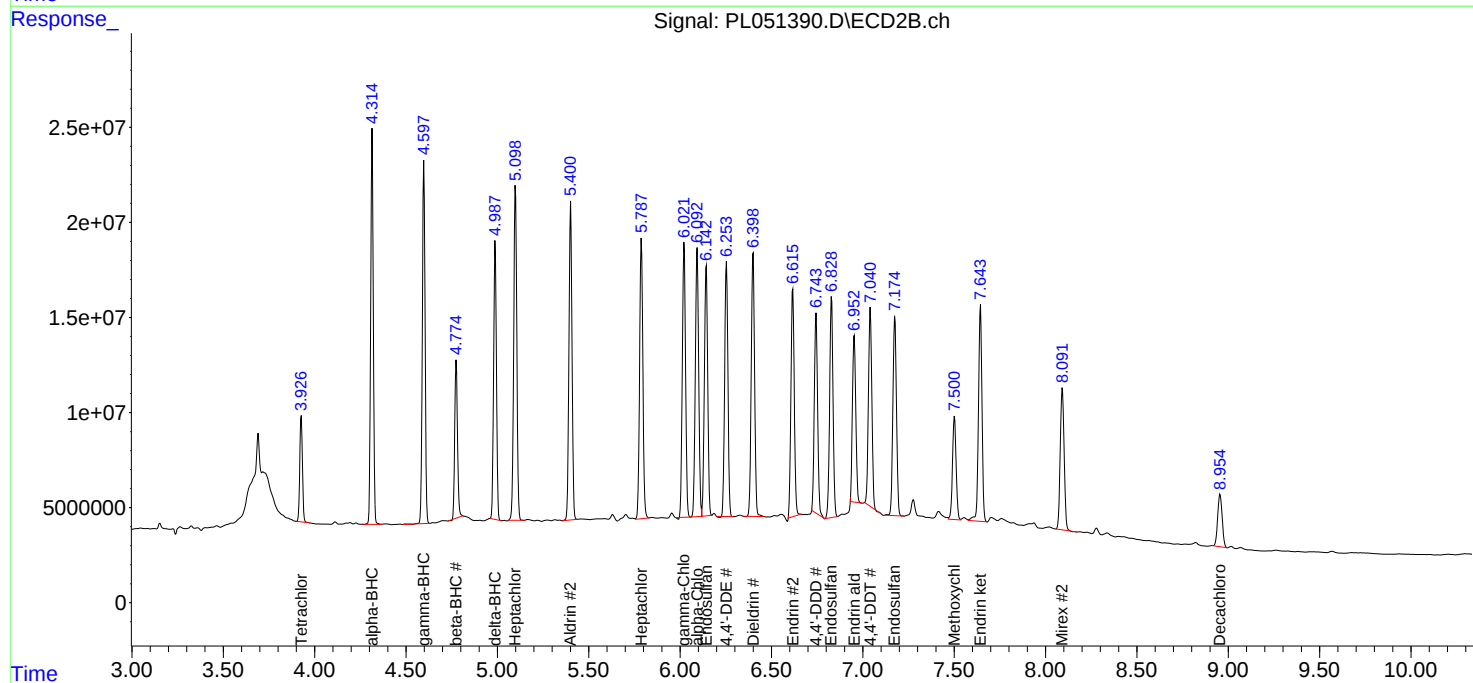
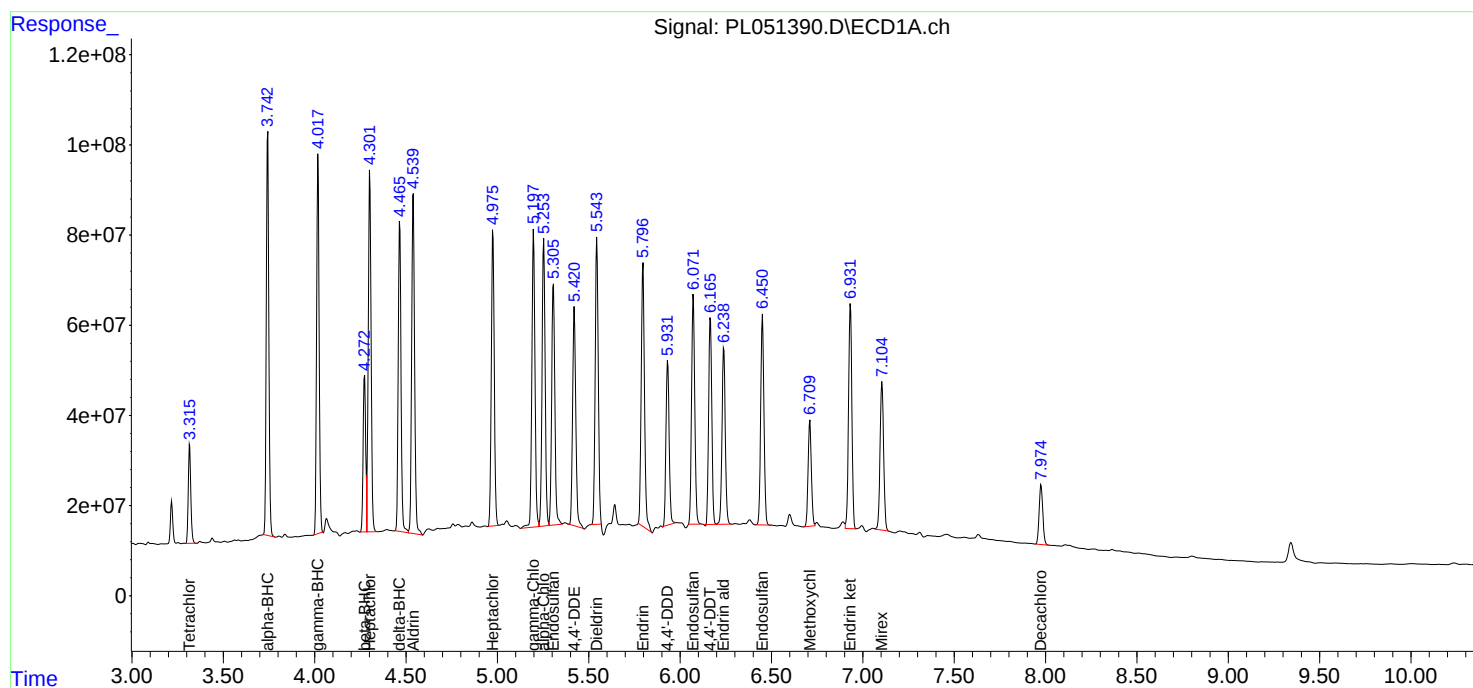
Instrument :
ECD_L
ClientSampleId :
PST-035-B246-080619MSD

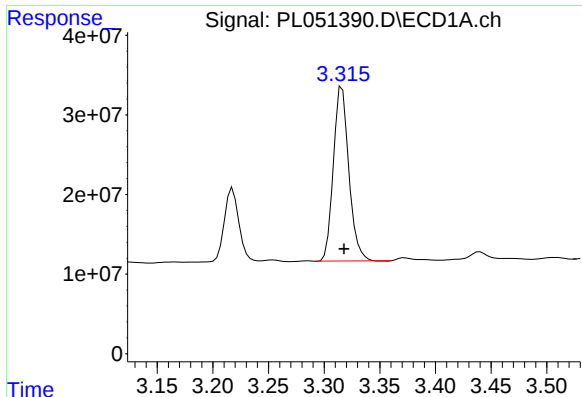
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 00:38:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 01:19:13 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





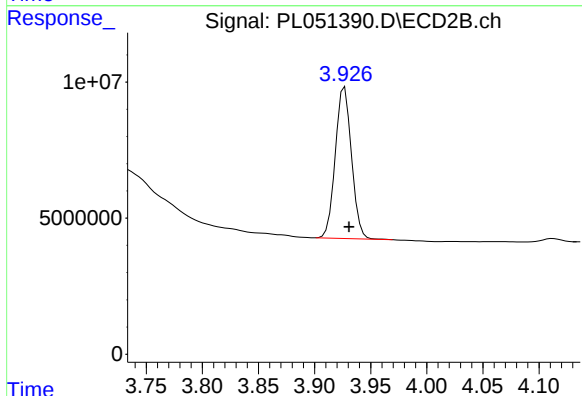
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.002 min
Response: 211632413
Conc: 21.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-035-B246-080619MSD

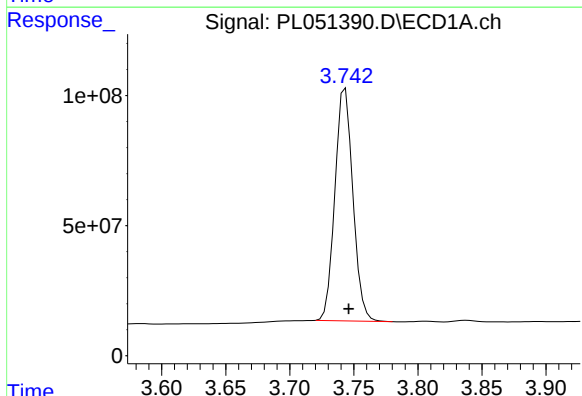
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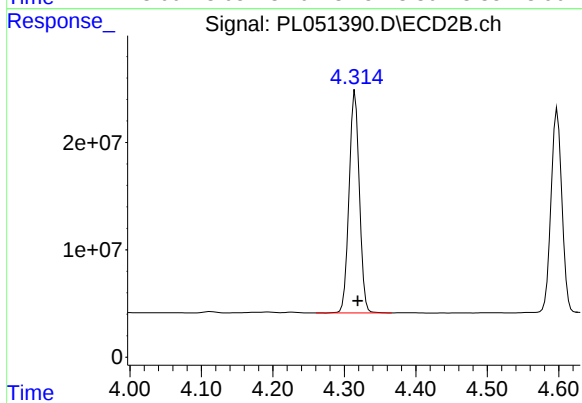
#1 Tetrachloro-m-xylene

R.T.: 3.927 min
Delta R.T.: -0.004 min
Response: 55880988
Conc: 19.59 ng/ml



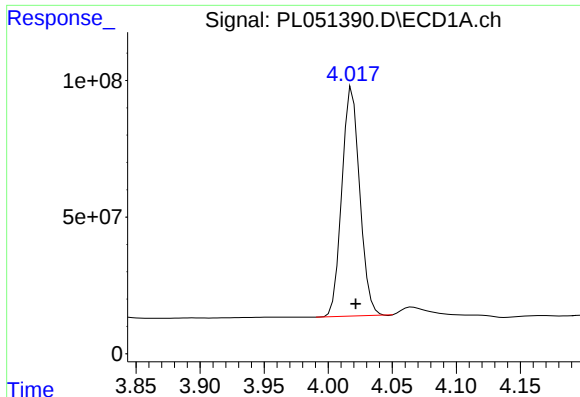
#2 alpha-BHC

R.T.: 3.743 min
Delta R.T.: -0.002 min
Response: 872677572
Conc: 52.08 ng/ml



#2 alpha-BHC

R.T.: 4.315 min
Delta R.T.: -0.004 min
Response: 208187849
Conc: 50.46 ng/ml



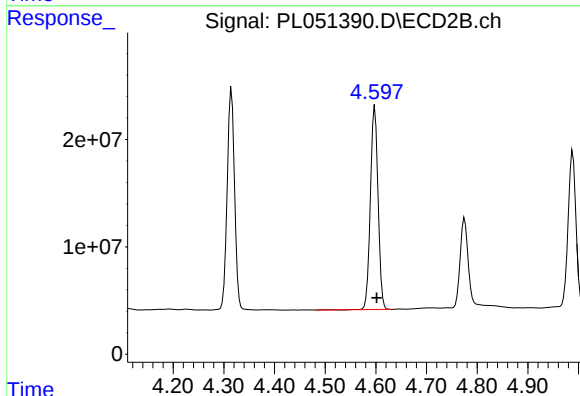
#3 gamma-BHC (Lindane)

R.T.: 4.019 min
Delta R.T.: -0.003 min
Response: 811242333
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-035-B246-080619MSD

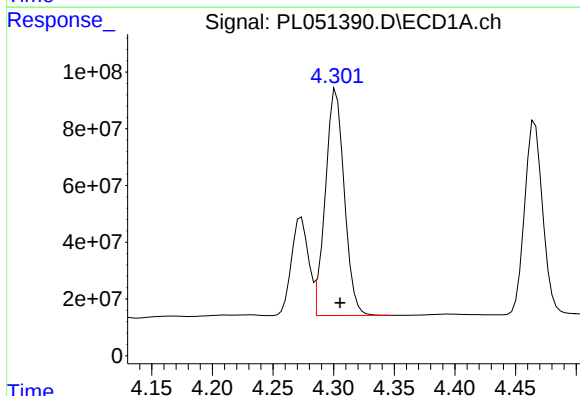
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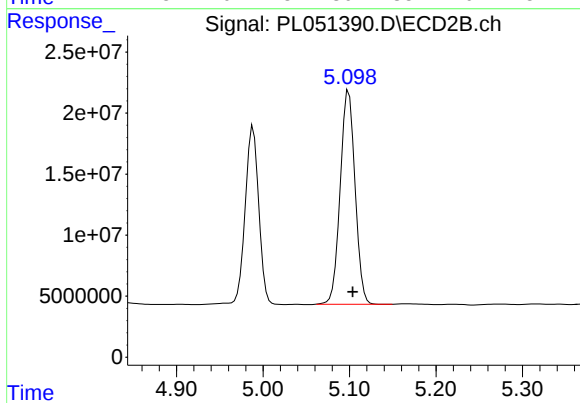
#3 gamma-BHC (Lindane)

R.T.: 4.598 min
Delta R.T.: -0.004 min
Response: 199711667
Conc: 51.56 ng/ml



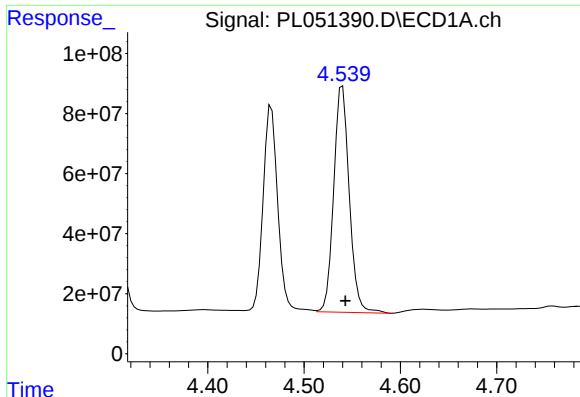
#4 Heptachlor

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 866333741
Conc: 52.80 ng/ml



#4 Heptachlor

R.T.: 5.099 min
Delta R.T.: -0.005 min
Response: 207616246
Conc: 50.07 ng/ml



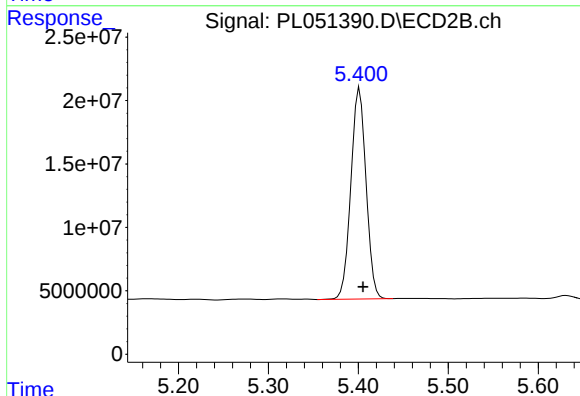
#5 Aldrin

R.T.: 4.540 min
Delta R.T.: -0.003 min
Response: 848562426
Conc: 54.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-035-B246-080619MSD

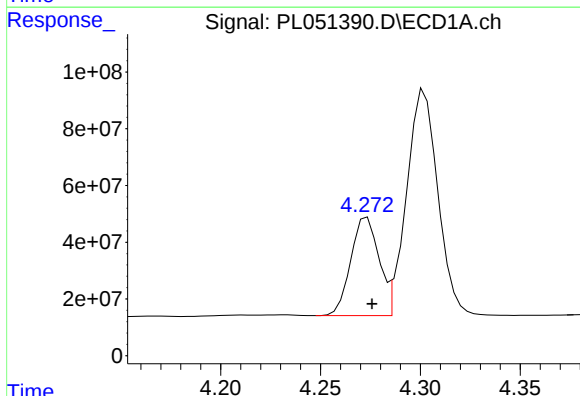
Manual Integrations
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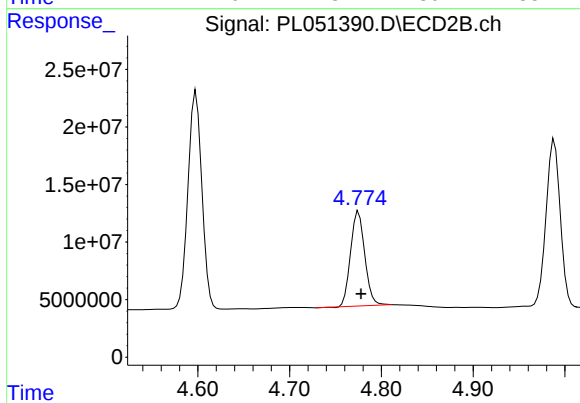
#5 Aldrin

R.T.: 5.401 min
Delta R.T.: -0.004 min
Response: 194667625
Conc: 51.66 ng/ml



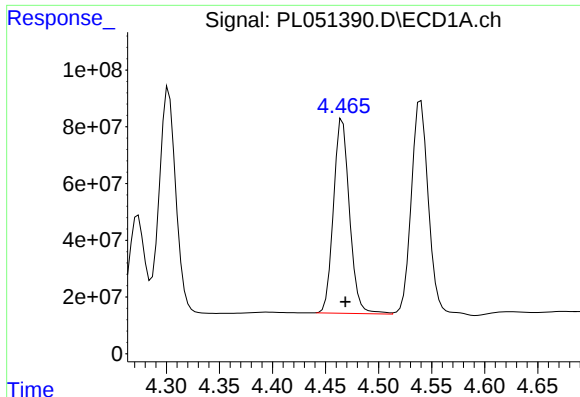
#6 beta-BHC

R.T.: 4.273 min
Delta R.T.: -0.002 min
Response: 339720468
Conc: 51.82 ng/ml



#6 beta-BHC

R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 88353986
Conc: 51.11 ng/ml



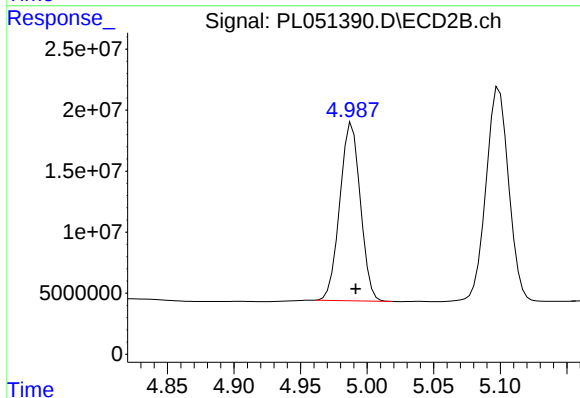
#7 delta-BHC

R.T.: 4.466 min
Delta R.T.: -0.003 min
Response: 722041691
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-035-B246-080619MSD

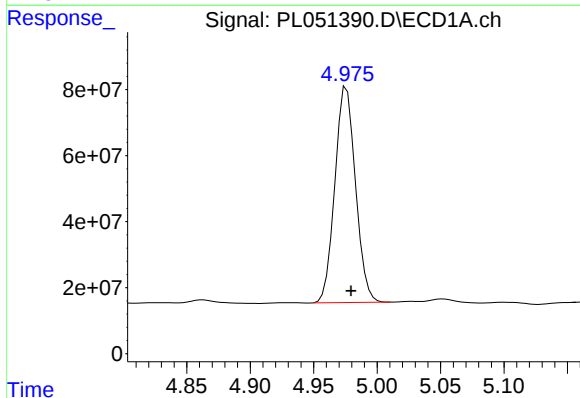
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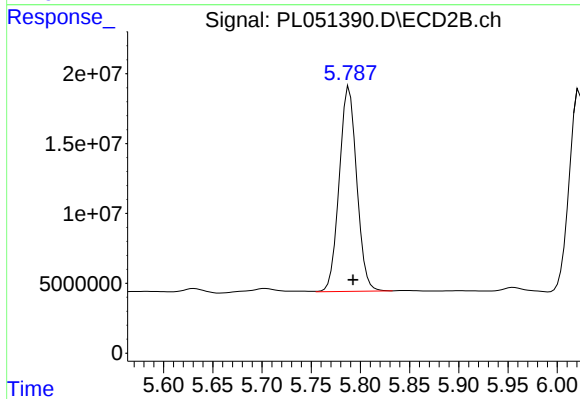
#7 delta-BHC

R.T.: 4.989 min
Delta R.T.: -0.003 min
Response: 156413361
Conc: 40.44 ng/ml



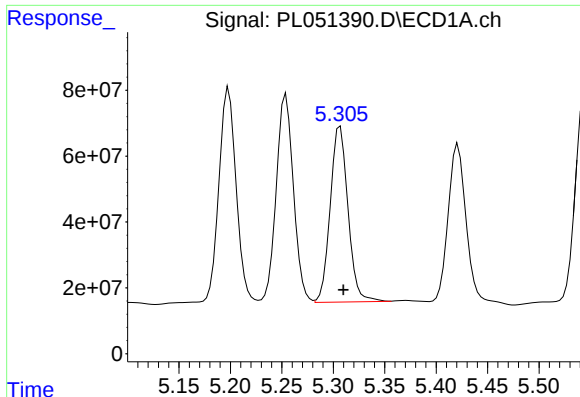
#8 Heptachlor epoxide

R.T.: 4.976 min
Delta R.T.: -0.003 min
Response: 740438944
Conc: 50.12 ng/ml



#8 Heptachlor epoxide

R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 181294914
Conc: 47.40 ng/ml



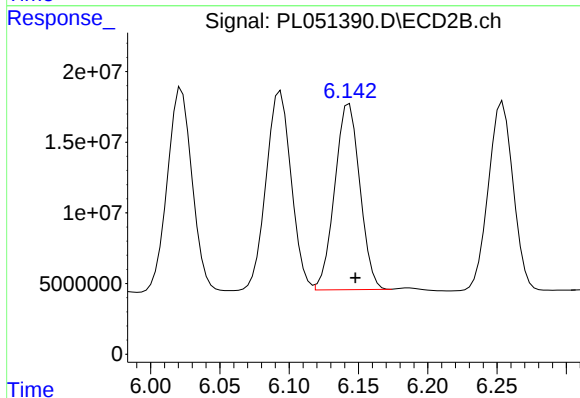
#9 Endosulfan I

R.T.: 5.307 min
Delta R.T.: -0.003 min
Response: 642472150
Conc: 44.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-035-B246-080619MSD

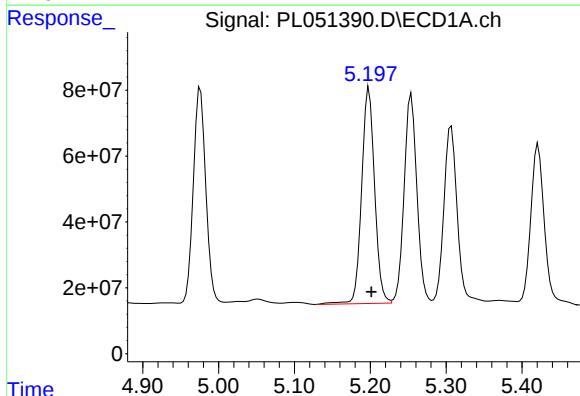
Manual Integrations
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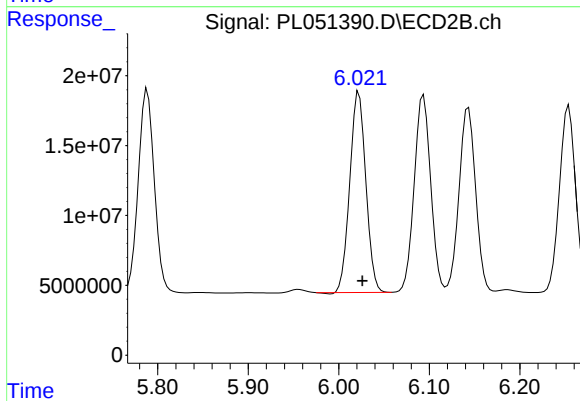
#9 Endosulfan I

R.T.: 6.143 min
Delta R.T.: -0.004 min
Response: 166216413
Conc: 48.33 ng/ml



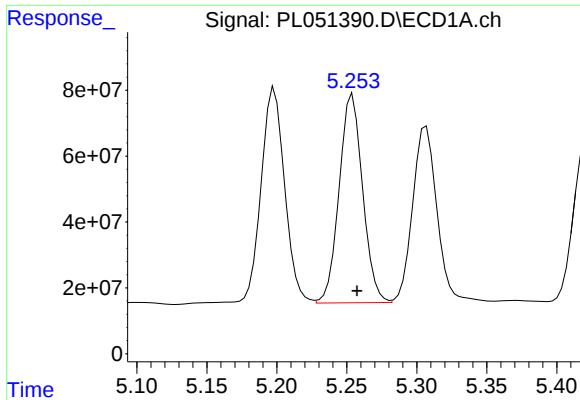
#10 gamma-Chlordane

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 779607332
Conc: 49.39 ng/ml



#10 gamma-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 176925347
Conc: 47.88 ng/ml



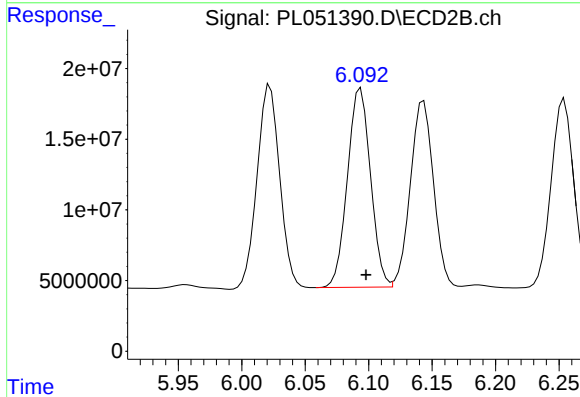
#11 alpha-Chlordane

R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 739200521
Conc: 48.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-035-B246-080619MSD

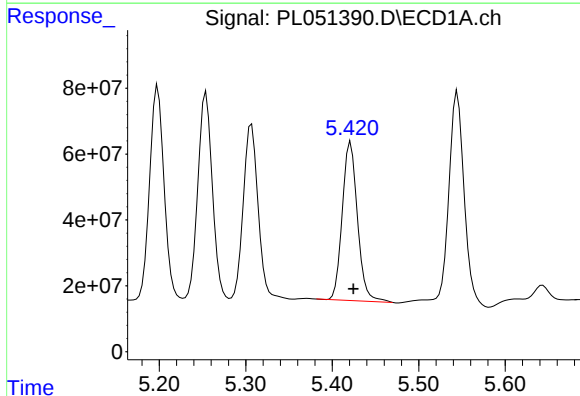
Manual Integrations
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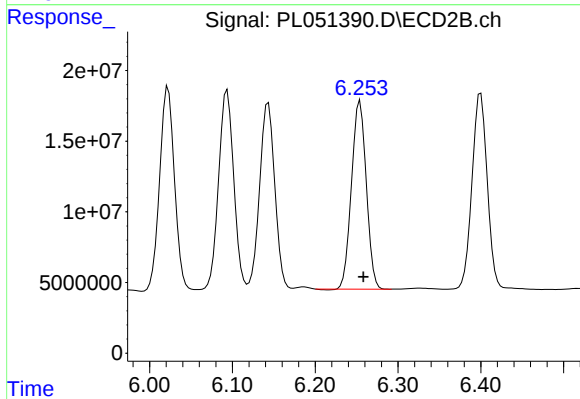
#11 alpha-Chlordane

R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 178252479
Conc: 48.63 ng/ml



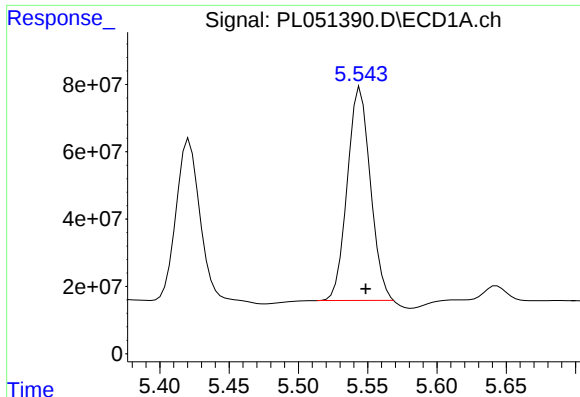
#12 4,4'-DDE

R.T.: 5.421 min
Delta R.T.: -0.003 min
Response: 583737878
Conc: 38.95 ng/ml



#12 4,4'-DDE

R.T.: 6.254 min
Delta R.T.: -0.004 min
Response: 165054821
Conc: 45.81 ng/ml



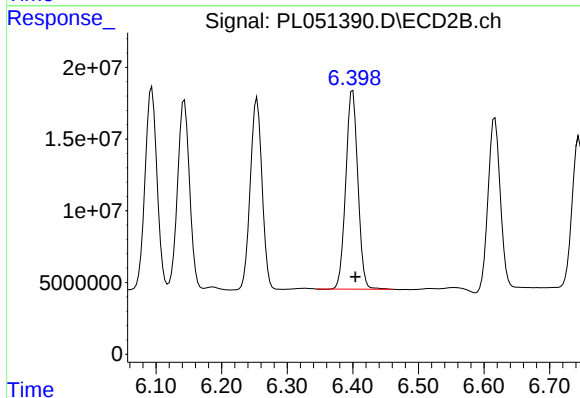
#13 Dieldrin

R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 734695234
Conc: 47.41 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PST-035-B246-080619MSD

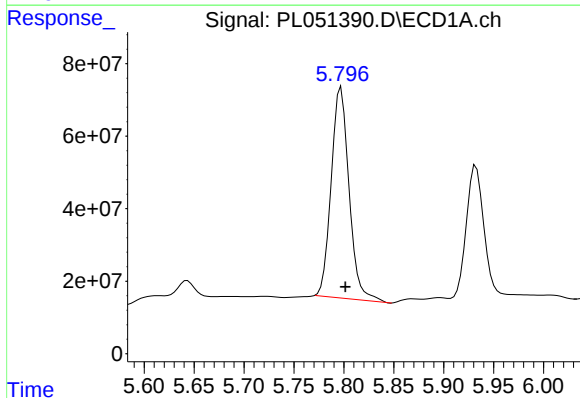
Manual Integrations
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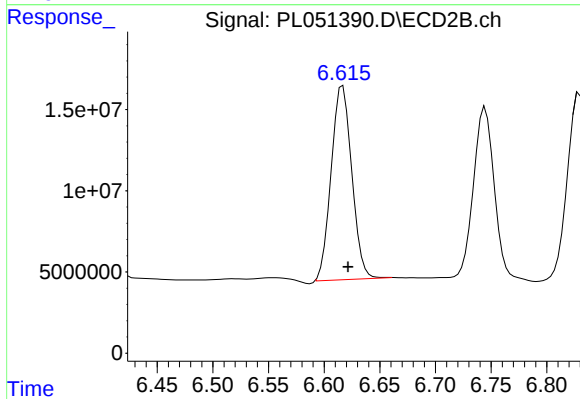
#13 Dieldrin

R.T.: 6.400 min
Delta R.T.: -0.004 min
Response: 177575696
Conc: 50.15 ng/ml



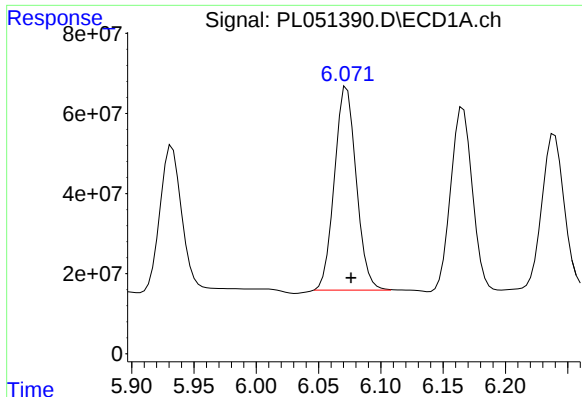
#14 Endrin

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 725101411
Conc: 49.26 ng/ml



#14 Endrin

R.T.: 6.617 min
Delta R.T.: -0.005 min
Response: 153965231
Conc: 49.64 ng/ml



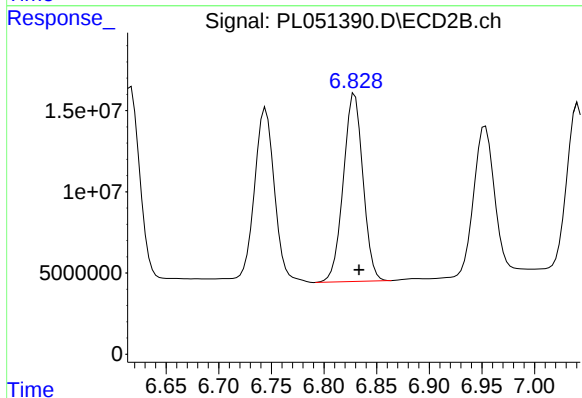
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.005 min
Response: 619296904
Conc: 44.25 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PST-035-B246-080619MSD

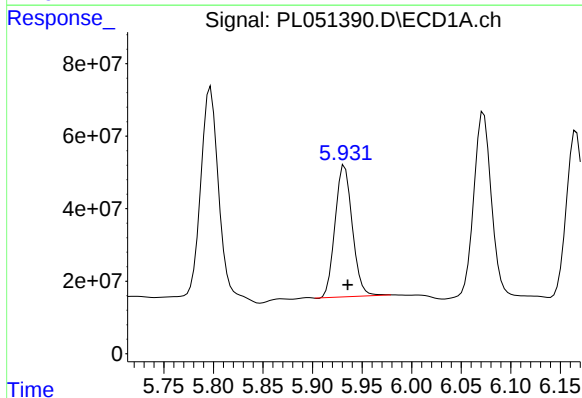
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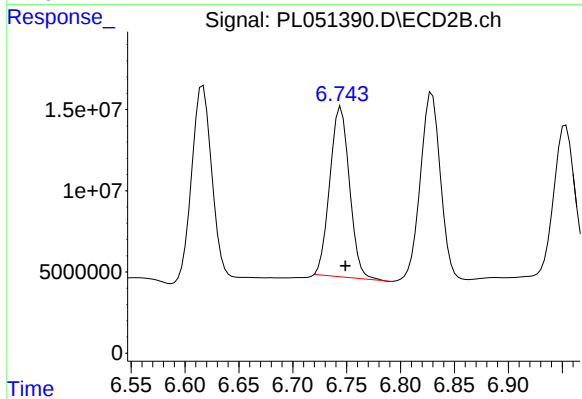
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.004 min
Response: 150581453
Conc: 47.36 ng/ml



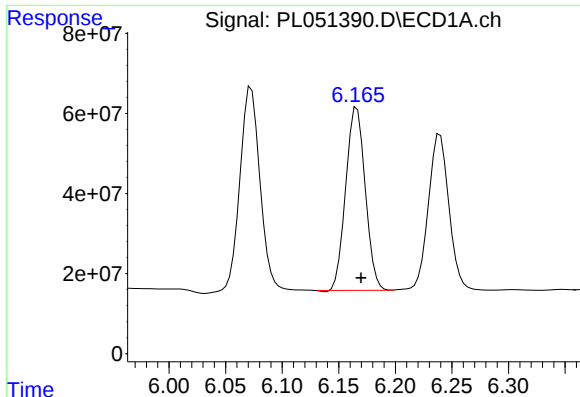
#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 439879716
Conc: 36.71 ng/ml



#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 132921294
Conc: 49.92 ng/ml



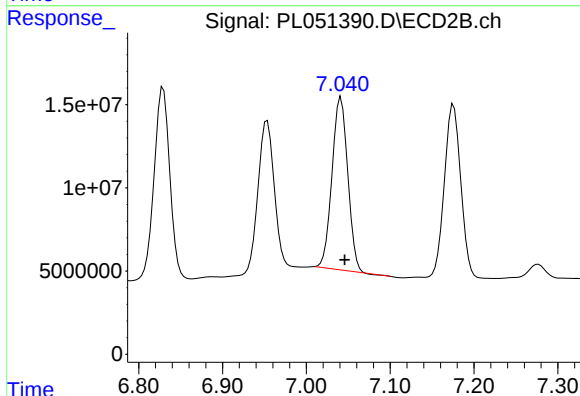
#17 4,4'-DDT

R.T.: 6.166 min
Delta R.T.: -0.004 min
Response: 547970448
Conc: 44.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-035-B246-080619MSD

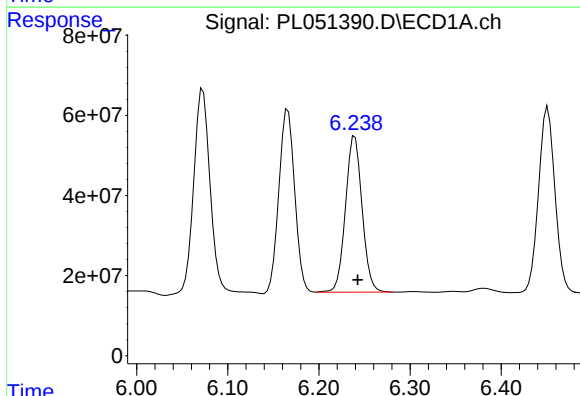
Manual Integrations
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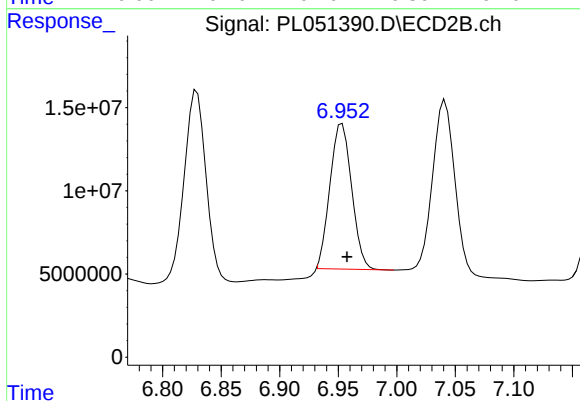
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: -0.004 min
Response: 134910375
Conc: 49.97 ng/ml



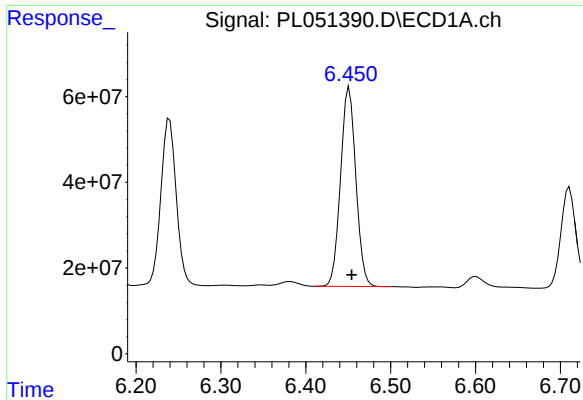
#18 Endrin aldehyde

R.T.: 6.240 min
Delta R.T.: -0.003 min
Response: 493136279
Conc: 42.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.953 min
Delta R.T.: -0.004 min
Response: 112603260
Conc: 41.43 ng/ml



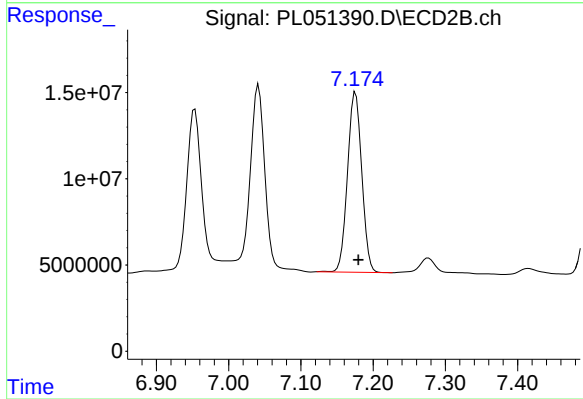
#19 Endosulfan Sulfate

R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 580971828
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-035-B246-080619MSD

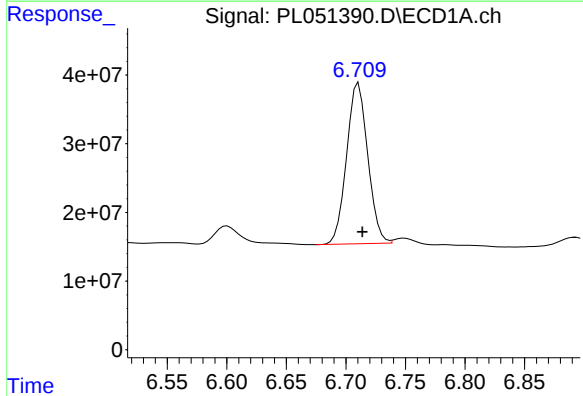
Manual Integrations
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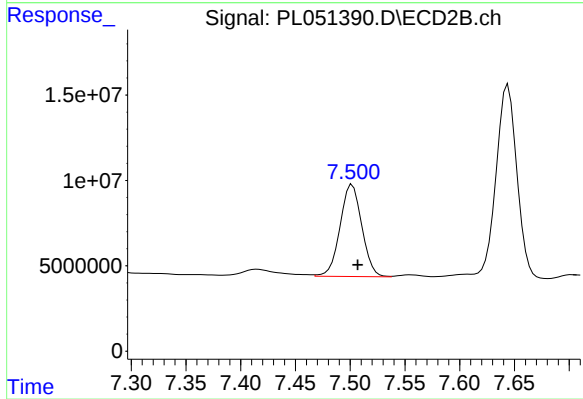
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.004 min
Response: 142408293
Conc: 49.31 ng/ml



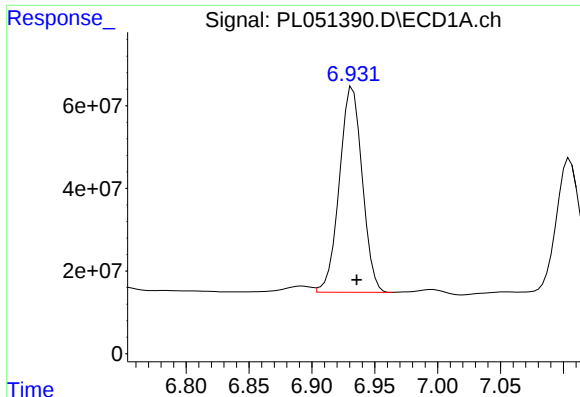
#20 Methoxychlor

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 289615719
Conc: 46.42 ng/ml



#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.005 min
Response: 74602289
Conc: 50.84 ng/ml



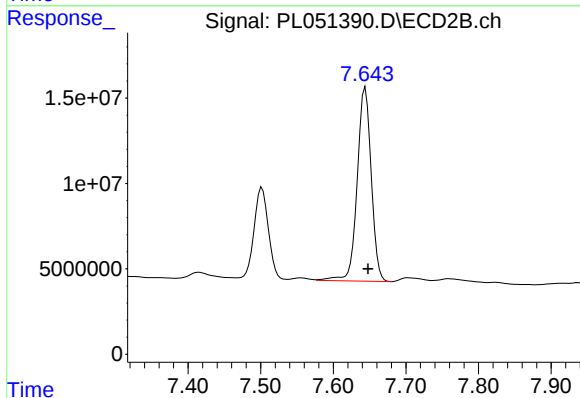
#21 Endrin ketone

R.T.: 6.932 min
Delta R.T.: -0.003 min
Response: 627872763
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-035-B246-080619MSD

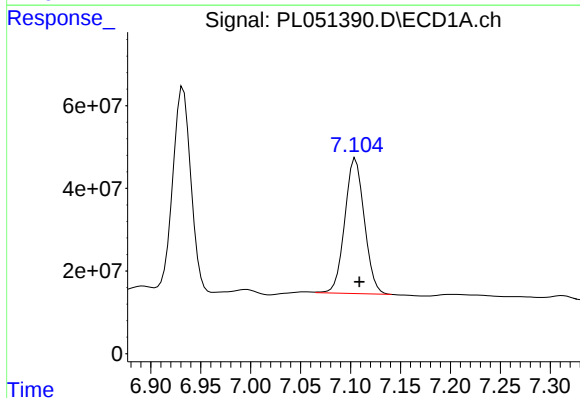
Manual Integrations
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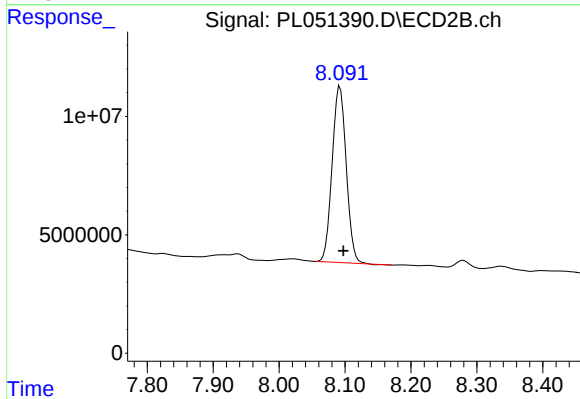
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 152283332
Conc: 52.67 ng/ml



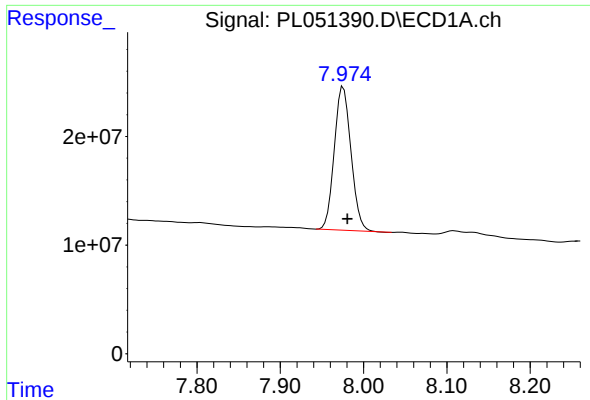
#22 Mirex

R.T.: 7.105 min
Delta R.T.: -0.004 min
Response: 444550687
Conc: 45.34 ng/ml



#22 Mirex

R.T.: 8.092 min
Delta R.T.: -0.005 min
Response: 109797894
Conc: 47.80 ng/ml



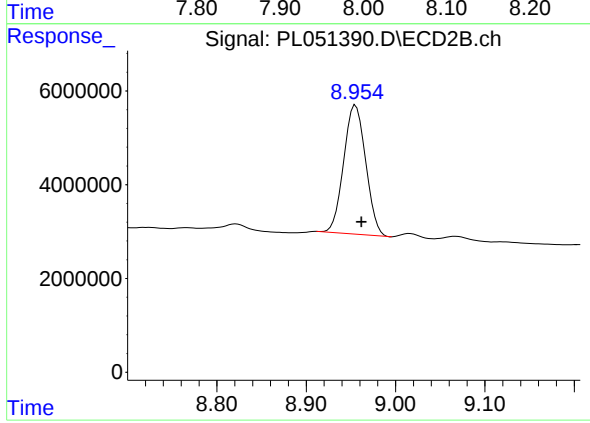
#28 Decachlorobiphenyl

R.T.: 7.976 min
Delta R.T.: -0.005 min
Response: 184702048
Conc: 18.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-035-B246-080619MSD

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#28 Decachlorobiphenyl

R.T.: 8.955 min
Delta R.T.: -0.006 min
Response: 47221017
Conc: 16.70 ng/ml