

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093019\
 Data File : PL052890.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2019 00:27
 Operator : SG\AJ
 Sample : K5077-05MS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-024-B275-092519MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 01:05:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 08:44:08 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...	3.547	4.047	214.0E6	60892458	21.518m	22.677
28)	SA Decachlor...	8.344	9.123	206.9E6	62556023	20.655	21.323
Target Compounds							
2)	A alpha-BHC	3.993	4.438	921.4E6	226.5E6	57.765	58.979
3)	MA gamma-BHC...	4.280	4.723	863.2E6	216.2E6	59.267	59.700
4)	MA Heptachlor	4.589	5.233	885.1E6	225.6E6	59.236	59.194
5)	MB Aldrin	4.841	5.538	852.9E6	214.3E6	62.002	61.833
6)	B beta-BHC	4.530	4.891	358.9E6	97654071	57.814	62.128
7)	B delta-BHC	4.739	5.109	812.5E6	195.6E6	56.703	54.028
8)	B Heptachlo...	5.287	5.924	774.5E6	199.5E6	59.435	59.527
9)	A Endosulfan I	5.630	6.281	712.1E6	187.4E6	58.681	59.956
10)	B gamma-Chl...	5.516	6.157	815.5E6	203.7E6	60.639	60.213
11)	B alpha-Chl...	5.575	6.230	782.3E6	204.7E6	59.315	60.816
12)	B 4,4'-DDE	5.739	6.386	1683.0E6	463.0E6	145.004	141.753
13)	MA Dieldrin	5.875	6.537	787.4E6	198.7E6	61.000	60.901
14)	MA Endrin	6.134	6.755	717.5E6	175.4E6	62.994	63.174
15)	B Endosulfa...	6.406	6.963	658.1E6	171.1E6	57.430	57.662
16)	A 4,4'-DDD	6.257	6.875	557.2E6	157.3E6	61.992	64.122
17)	MA 4,4'-DDT	6.500	7.174	847.2E6	221.9E6	82.957	85.268
18)	B Endrin al...	6.575	7.087	569.3E6	145.1E6	60.626	59.150
19)	B Endosulfa...	6.789	7.310	620.6E6	164.1E6	59.621	60.096
20)	A Methoxychlor	7.046	7.630	300.2E6	85225132	58.197	60.532
21)	B Endrin ke...	7.283	7.781	696.5E6	179.3E6	59.758	62.862
22)	Mirex	7.479	8.236	511.0E6	135.9E6	54.116	60.426

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093019\
Data File : PL052890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2019 00:27
Operator : SG\AJ
Sample : K5077-05MS
Misc :
ALS Vial : 50 Sample Multiplier: 1

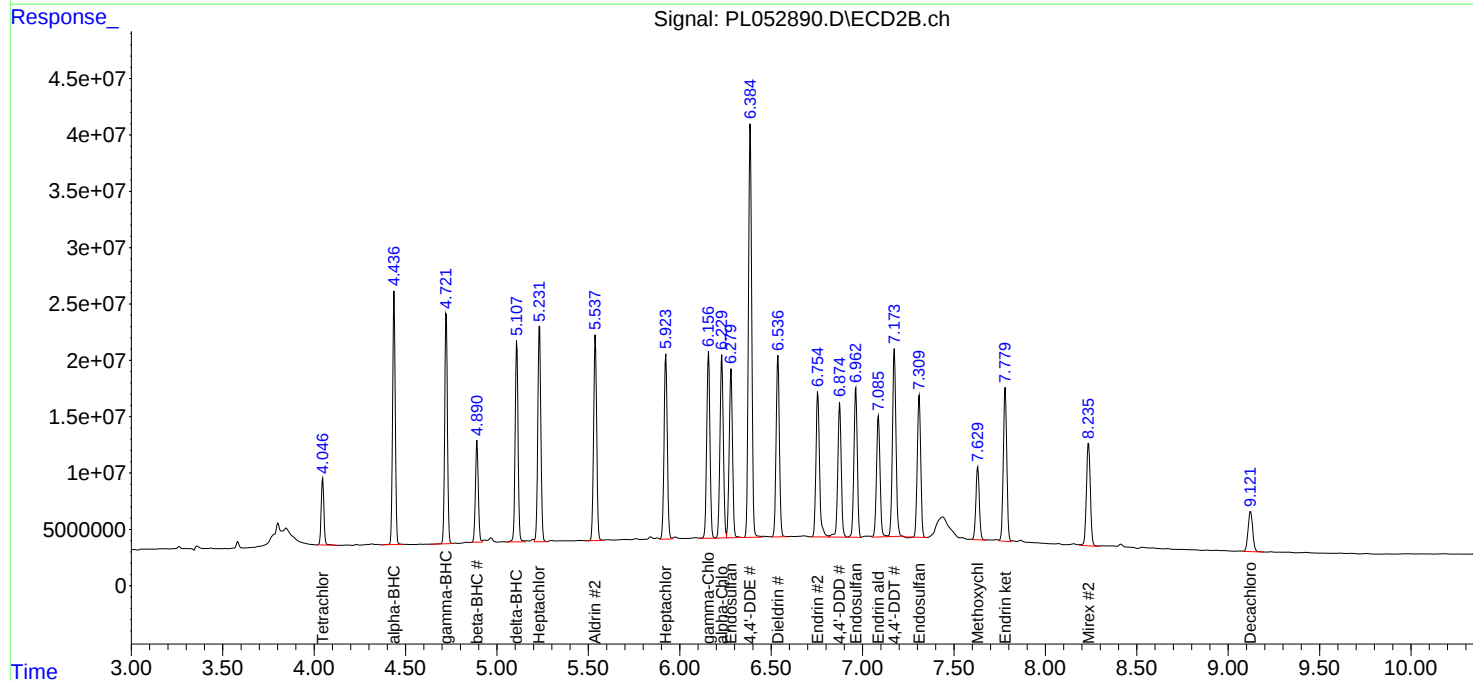
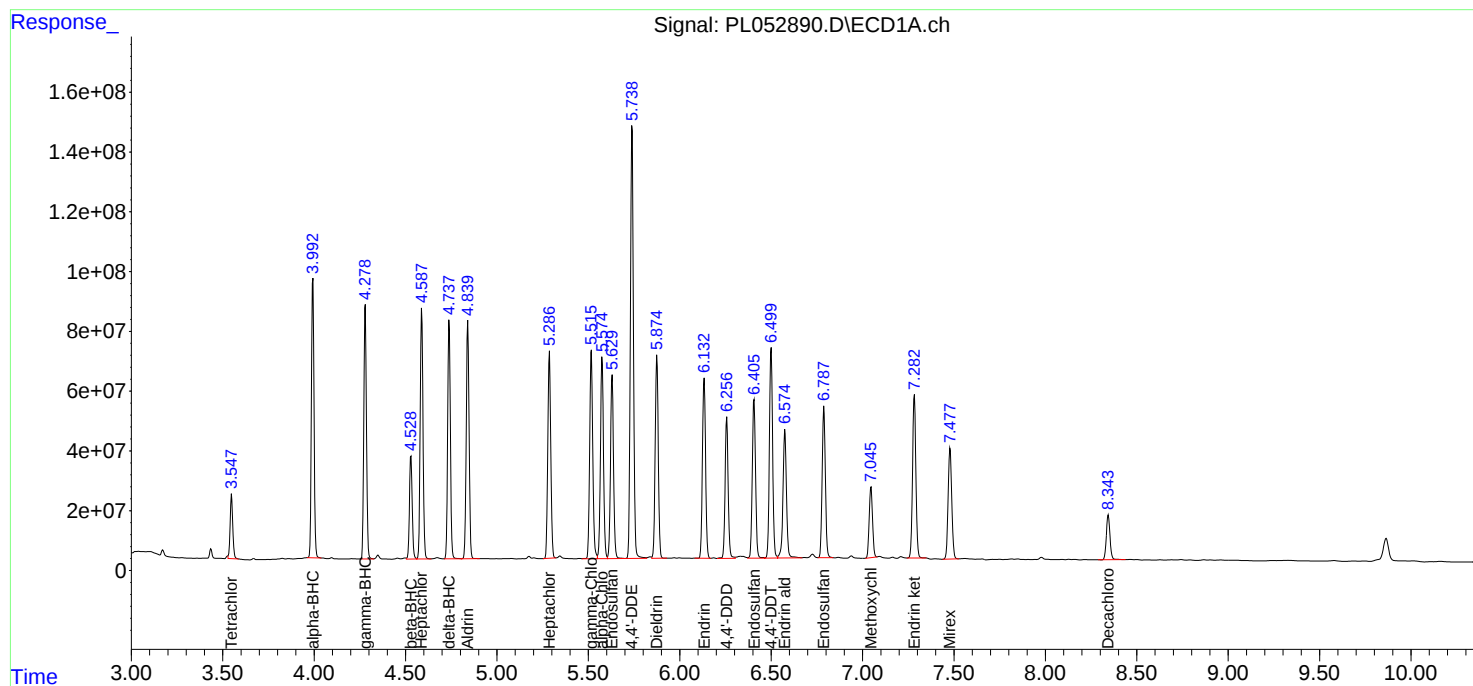
Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MS

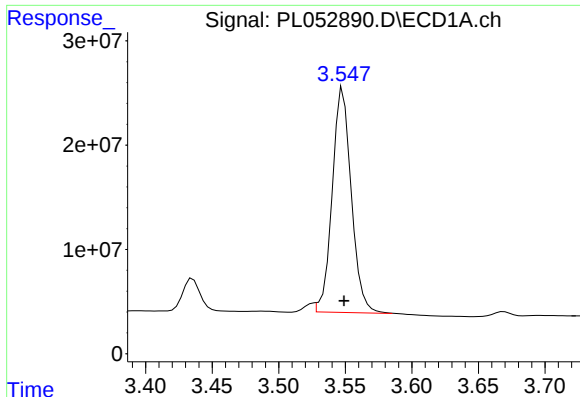
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 01:05:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 08:44:08 2019
Response 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





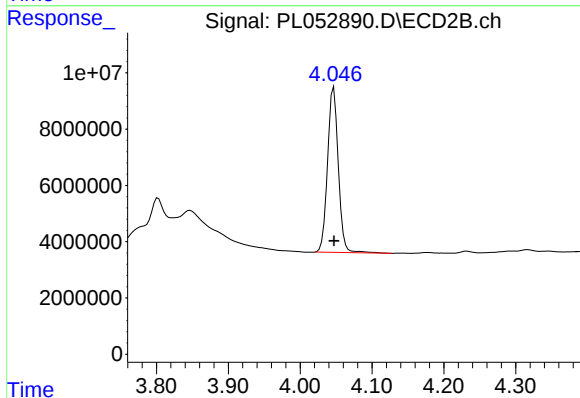
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: -0.002 min
Response: 214030725
Conc: 21.52 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MS

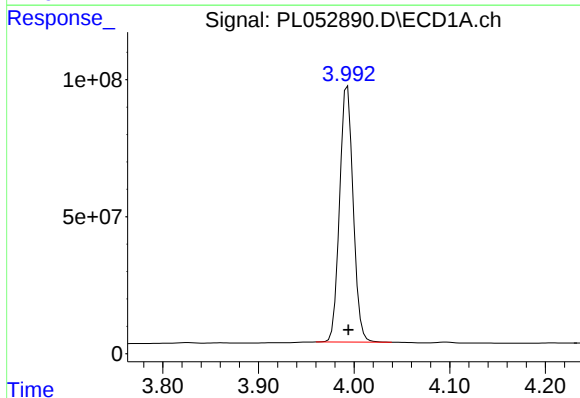
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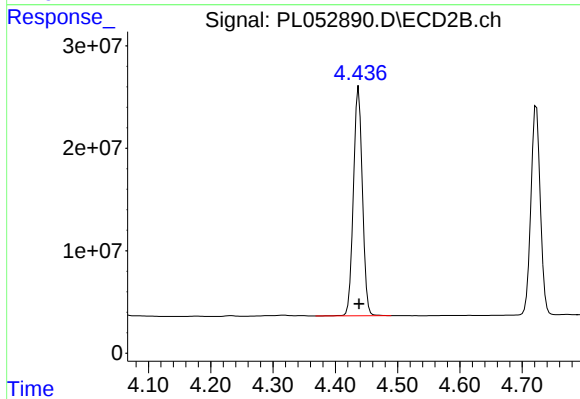
#1 Tetrachloro-m-xylene

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 60892458
Conc: 22.68 ng/ml



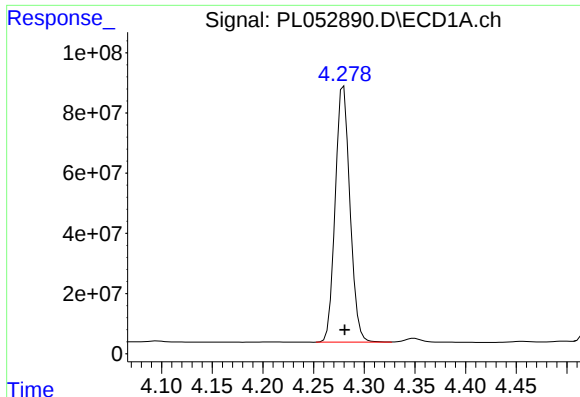
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 921389155
Conc: 57.77 ng/ml



#2 alpha-BHC

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 226482610
Conc: 58.98 ng/ml



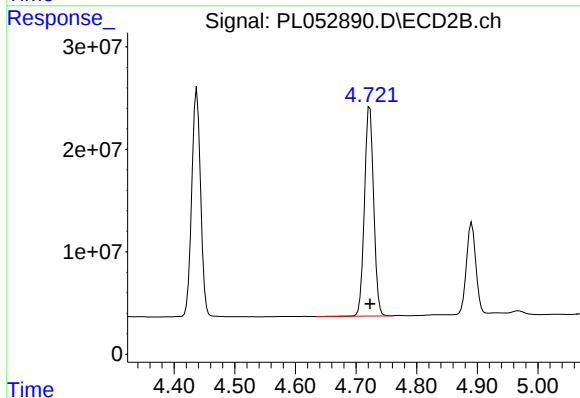
#3 gamma-BHC (Lindane)

R.T.: 4.280 min
Delta R.T.: -0.001 min
Response: 863207714
Conc: 59.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MS

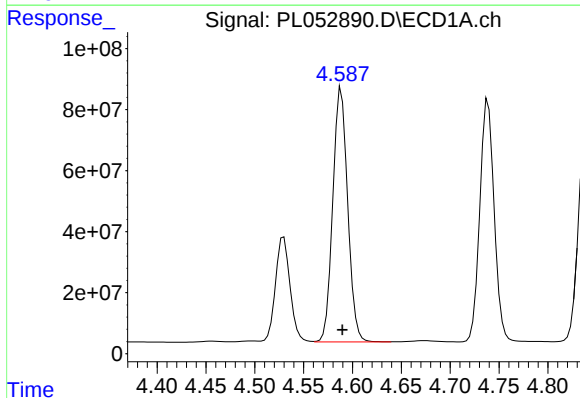
Manual Integrations
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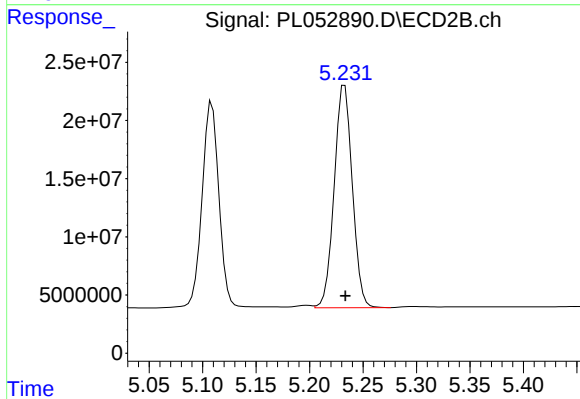
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 216185614
Conc: 59.70 ng/ml



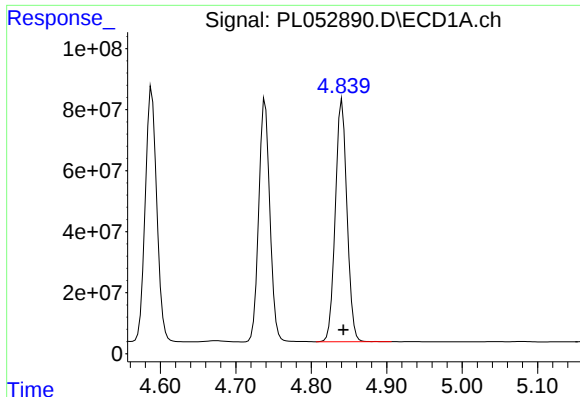
#4 Heptachlor

R.T.: 4.589 min
Delta R.T.: -0.001 min
Response: 885108163
Conc: 59.24 ng/ml



#4 Heptachlor

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 225570177
Conc: 59.19 ng/ml



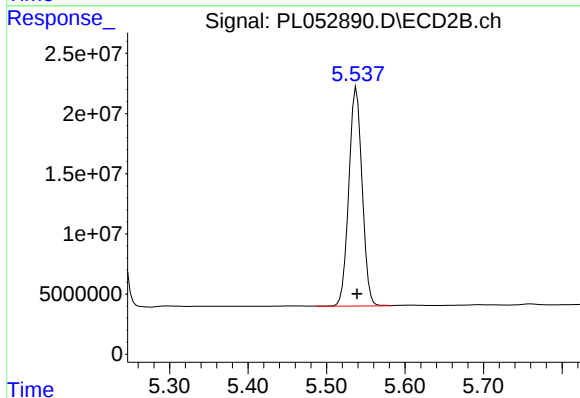
#5 Aldrin

R.T.: 4.841 min
Delta R.T.: -0.002 min
Response: 852858109
Conc: 62.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MS

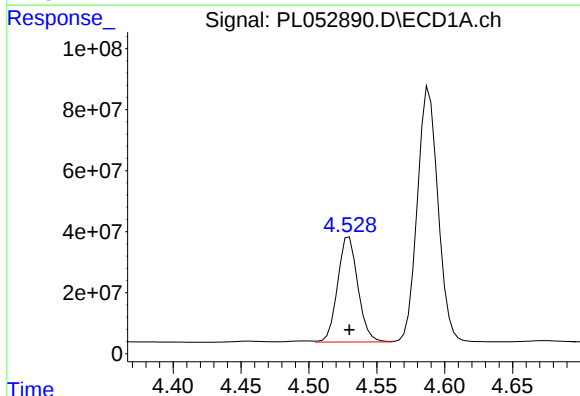
Manual Integrations
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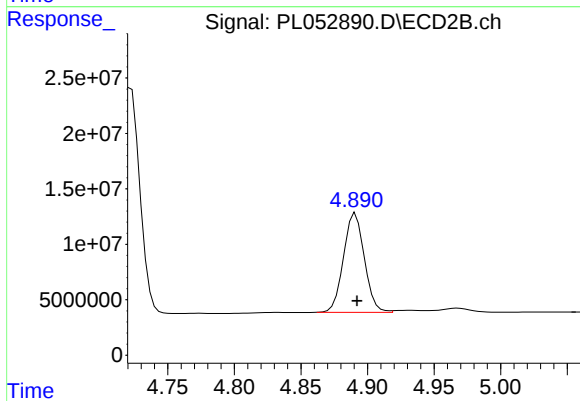
#5 Aldrin

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 214290578
Conc: 61.83 ng/ml



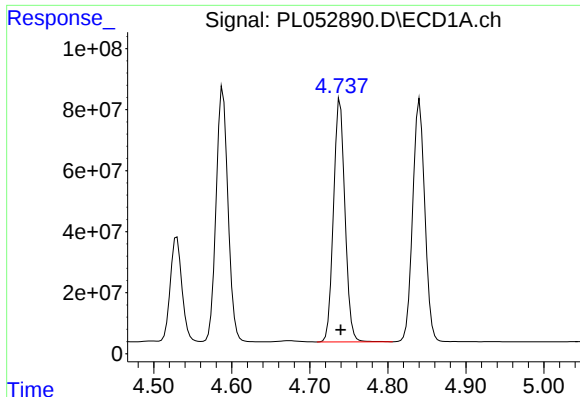
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 358944900
Conc: 57.81 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 97654071
Conc: 62.13 ng/ml



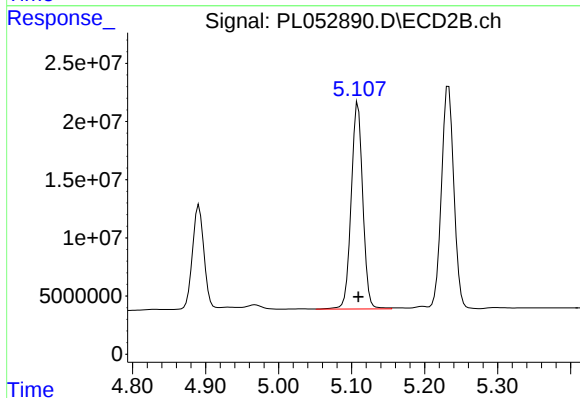
#7 delta-BHC

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 812506701
Conc: 56.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MS

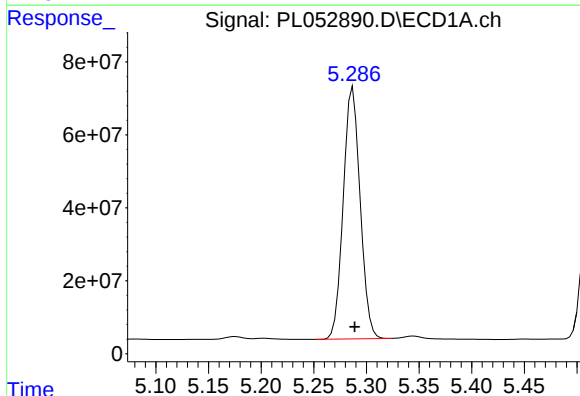
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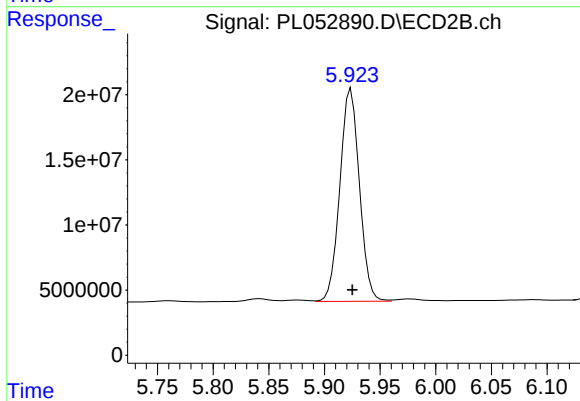
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 195576487
Conc: 54.03 ng/ml



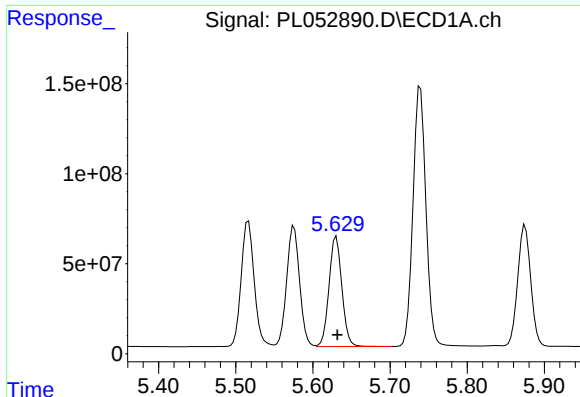
#8 Heptachlor epoxide

R.T.: 5.287 min
Delta R.T.: -0.002 min
Response: 774506149
Conc: 59.44 ng/ml



#8 Heptachlor epoxide

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 199506514
Conc: 59.53 ng/ml



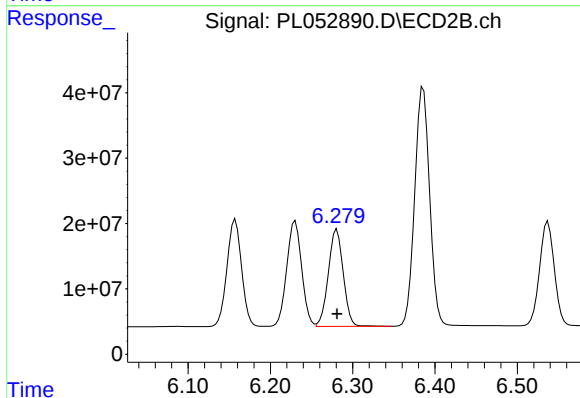
#9 Endosulfan I

R.T.: 5.630 min
Delta R.T.: -0.001 min
Response: 712146787
Conc: 58.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MS

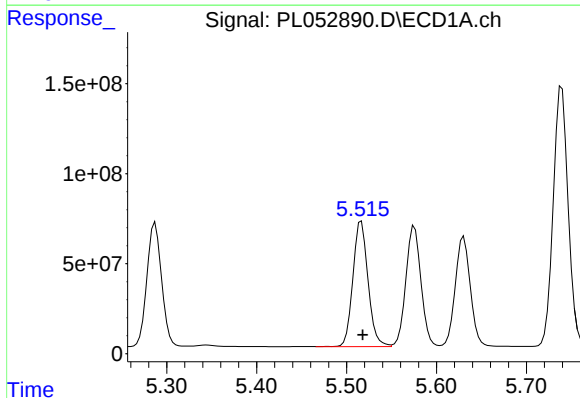
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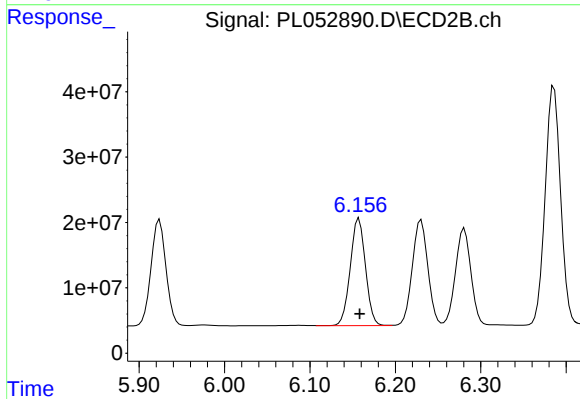
#9 Endosulfan I

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 187405163
Conc: 59.96 ng/ml



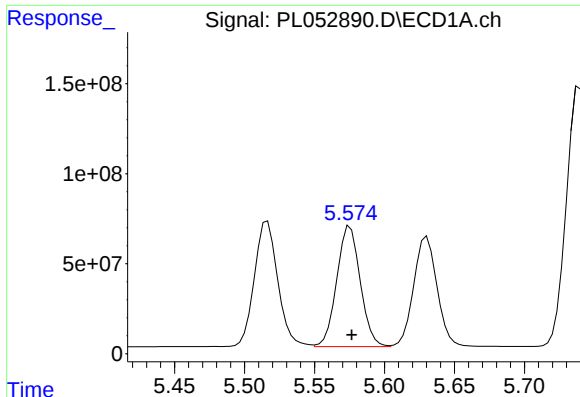
#10 gamma-Chlordane

R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 815480339
Conc: 60.64 ng/ml



#10 gamma-Chlordane

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 203706534
Conc: 60.21 ng/ml



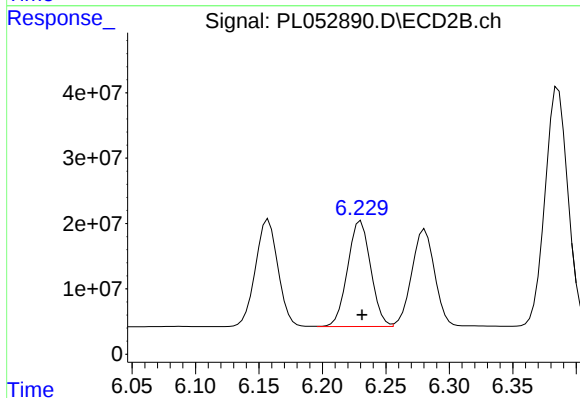
#11 alpha-Chlordane

R.T.: 5.575 min
Delta R.T.: -0.001 min
Response: 782328990
Conc: 59.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MS

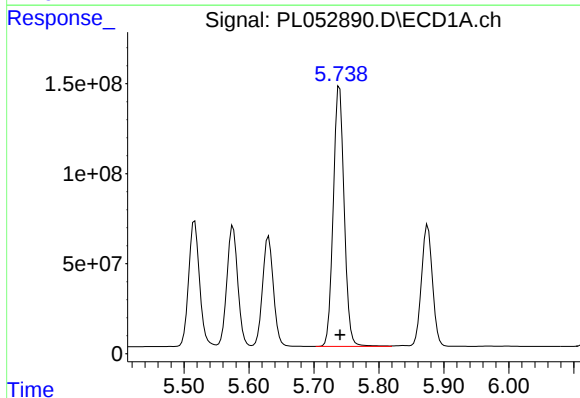
Manual Integrations
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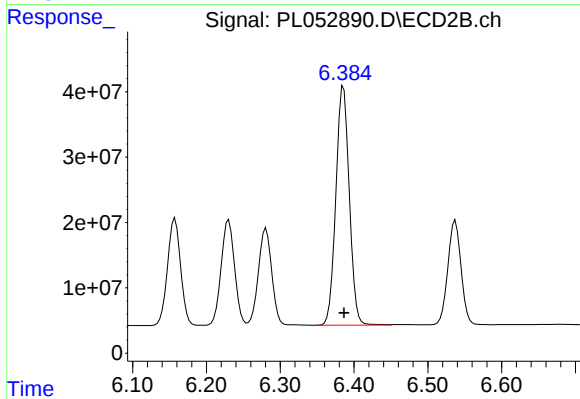
#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 204702780
Conc: 60.82 ng/ml



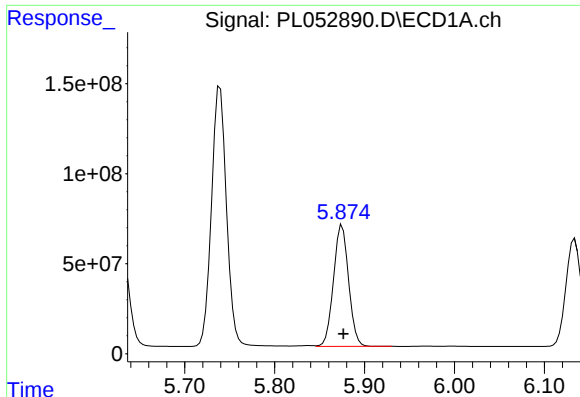
#12 4,4'-DDE

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 1682973606
Conc: 145.00 ng/ml



#12 4,4'-DDE

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 462986440
Conc: 141.75 ng/ml



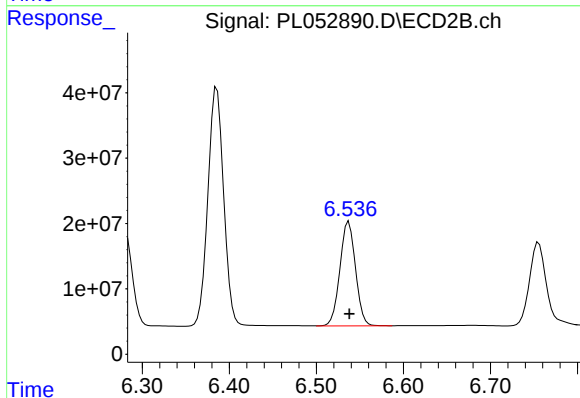
#13 Dieldrin

R.T.: 5.875 min
Delta R.T.: -0.001 min
Response: 787402662
Conc: 61.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MS

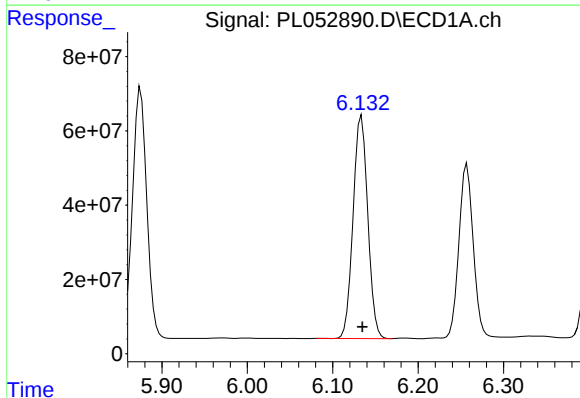
Manual Integrations
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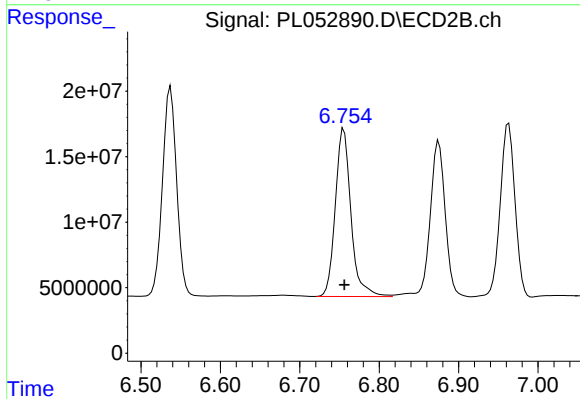
#13 Dieldrin

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 198655727
Conc: 60.90 ng/ml



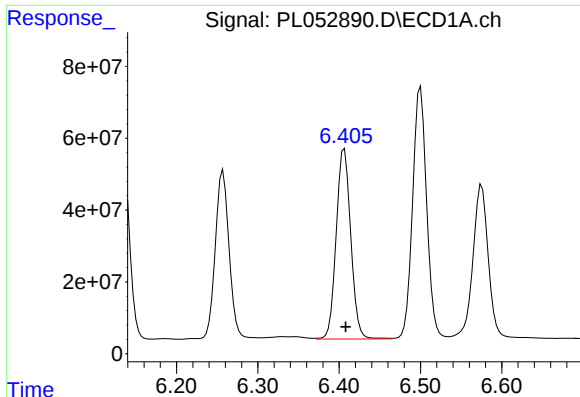
#14 Endrin

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 717549197
Conc: 62.99 ng/ml



#14 Endrin

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 175425710
Conc: 63.17 ng/ml



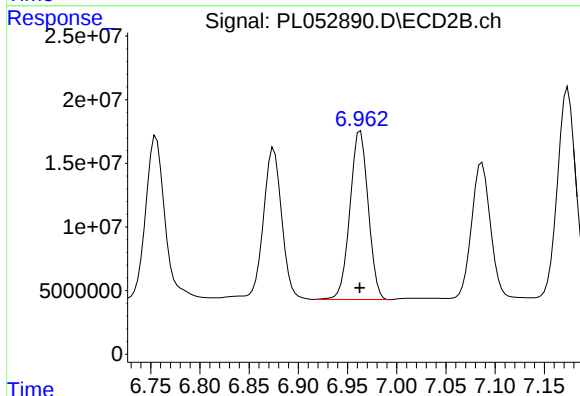
#15 Endosulfan II

R.T.: 6.406 min
Delta R.T.: -0.002 min
Response: 658123630
Conc: 57.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MS

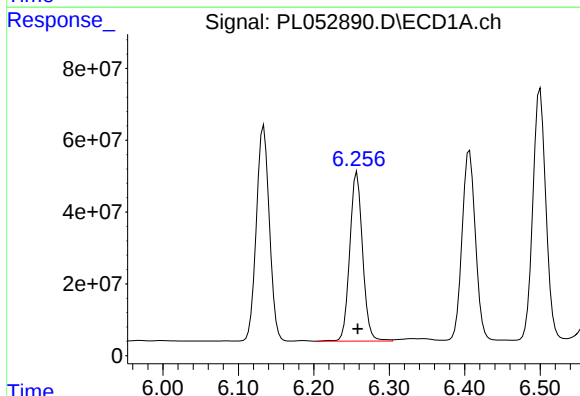
Manual Integrations
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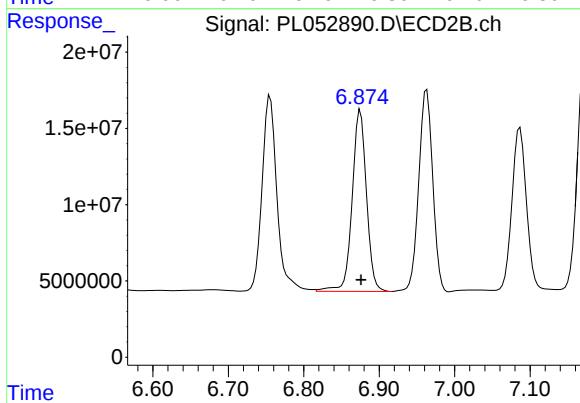
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 171082900
Conc: 57.66 ng/ml



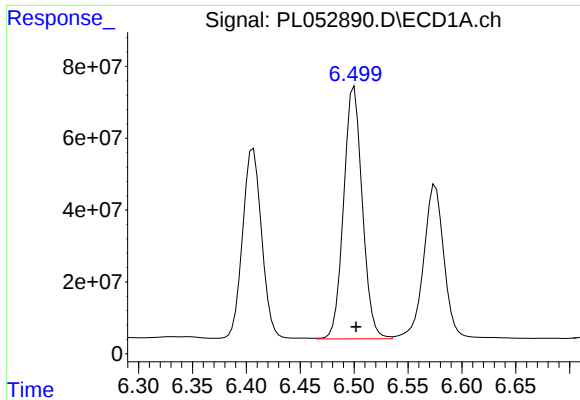
#16 4,4'-DDD

R.T.: 6.257 min
Delta R.T.: -0.001 min
Response: 557203194
Conc: 61.99 ng/ml



#16 4,4'-DDD

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 157263241
Conc: 64.12 ng/ml



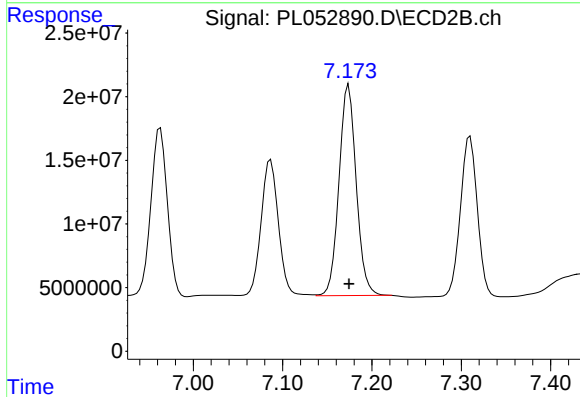
#17 4,4'-DDT

R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 847193712
Conc: 82.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MS

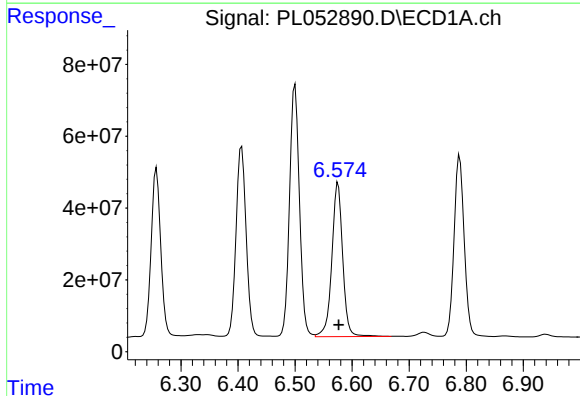
Manual Integrations
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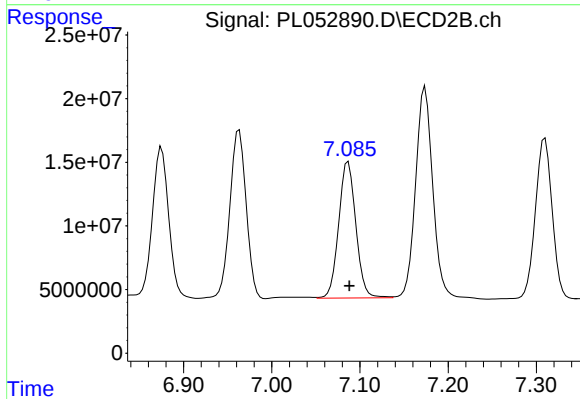
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 221914426
Conc: 85.27 ng/ml



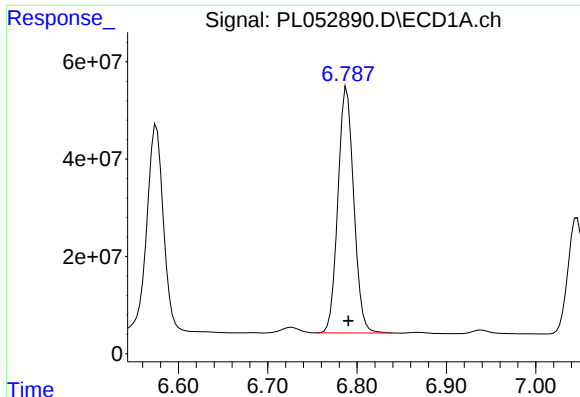
#18 Endrin aldehyde

R.T.: 6.575 min
Delta R.T.: -0.001 min
Response: 569329189
Conc: 60.63 ng/ml



#18 Endrin aldehyde

R.T.: 7.087 min
Delta R.T.: -0.001 min
Response: 145075572
Conc: 59.15 ng/ml



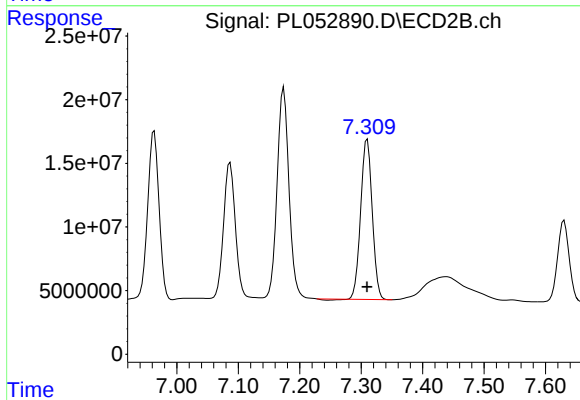
#19 Endosulfan Sulfate

R.T.: 6.789 min
Delta R.T.: -0.002 min
Response: 620599416
Conc: 59.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MS

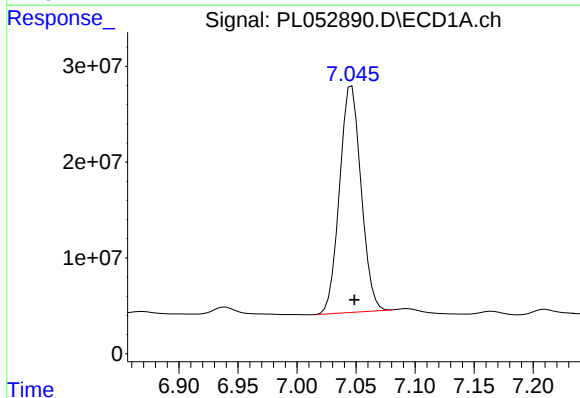
Manual Integrations
APPROVED

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10/2/2019 2:13:14 PM



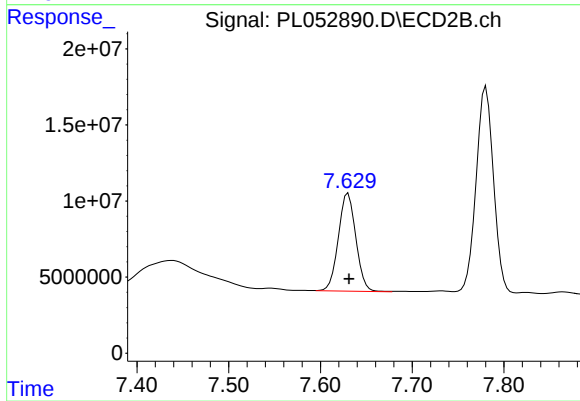
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 164087214
Conc: 60.10 ng/ml



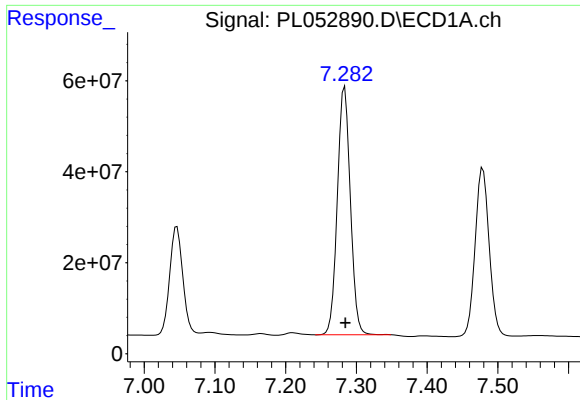
#20 Methoxychlor

R.T.: 7.046 min
Delta R.T.: -0.002 min
Response: 300188324
Conc: 58.20 ng/ml



#20 Methoxychlor

R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 85225132
Conc: 60.53 ng/ml



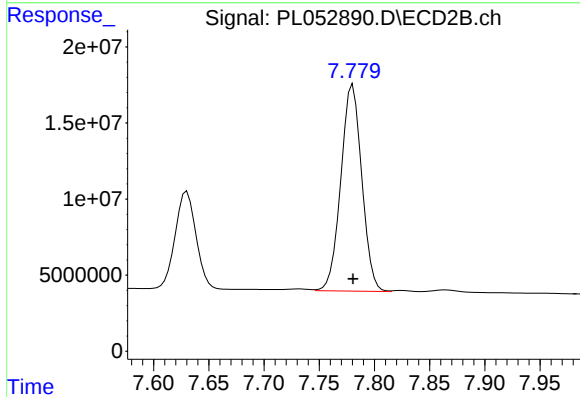
#21 Endrin ketone

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 696476567
Conc: 59.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MS

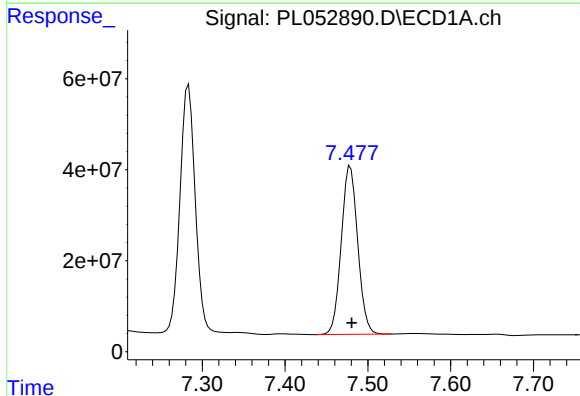
Manual Integrations
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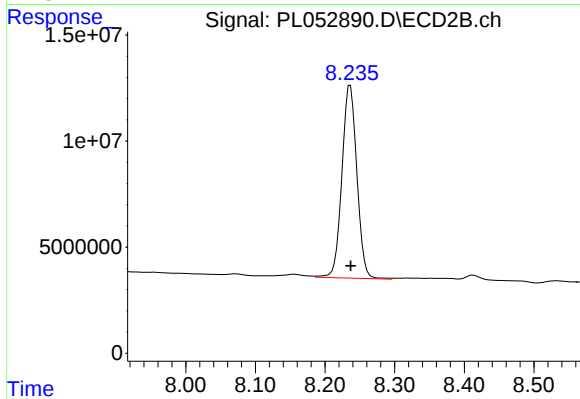
#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: 0.000 min
Response: 179337606
Conc: 62.86 ng/ml



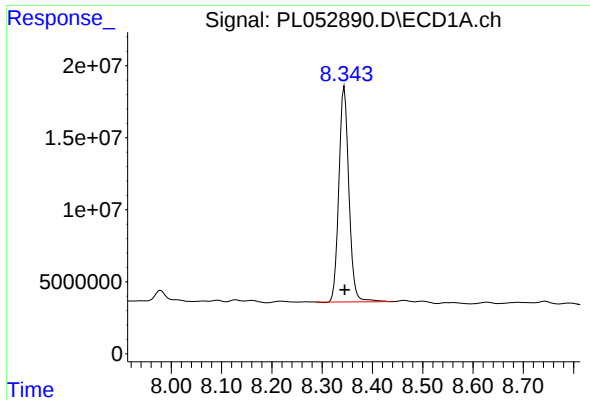
#22 Mirex

R.T.: 7.479 min
Delta R.T.: -0.002 min
Response: 511041592
Conc: 54.12 ng/ml



#22 Mirex

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 135912911
Conc: 60.43 ng/ml



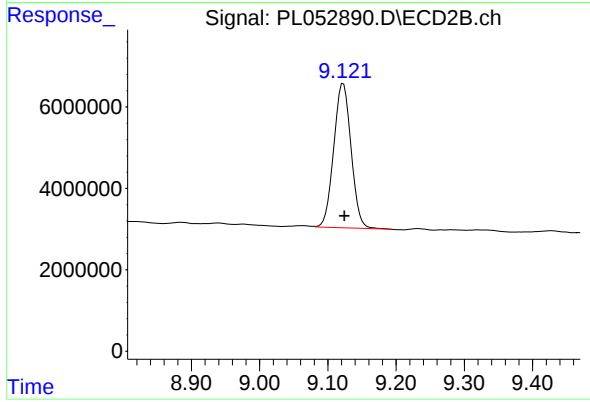
#28 Decachlorobiphenyl

R.T.: 8.344 min
Delta R.T.: -0.001 min
Response: 206877795
Conc: 20.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MS

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#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: -0.002 min
Response: 62556023
Conc: 21.32 ng/ml