

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093019\
 Data File : PL052867.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2019 19:05
 Operator : SG\AJ
 Sample : K5054-01MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PAT-091019-BMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 01:01:13 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...	3.549	4.048	144.1E6	50916511	14.491	18.962 #
28)	SA Decachlor...	8.344	9.122	168.8E6	54620760	16.851	18.618
Target Compounds							
2)	A alpha-BHC	3.994	4.437	757.3E6	189.4E6	47.477	49.314m
3)	MA gamma-BHC...	4.280	4.724	678.6E6	185.5E6	46.593	51.223
4)	MA Heptachlor	4.590	5.233	715.4E6	188.7E6	47.877	49.509
5)	MB Aldrin	4.842	5.539	666.2E6	179.5E6	48.429	51.785
6)	B beta-BHC	4.530	4.891	288.8E6	78180120	46.515	49.739
7)	B delta-BHC	4.740	5.109	629.8E6	159.8E6	43.949	44.134
8)	B Heptachlo...	5.288	5.924	628.1E6	169.3E6	48.197	50.512
9)	A Endosulfan I	5.631	6.281	588.7E6	162.3E6	48.509	51.917
10)	B gamma-Chl...	5.517	6.158	645.9E6	171.2E6	48.031	50.592
11)	B alpha-Chl...	5.576	6.231	622.6E6	172.2E6	47.208	51.174
12)	B 4,4'-DDE	5.739	6.386	612.6E6	168.9E6	52.778	51.706
13)	MA Dieldrin	5.876	6.538	650.9E6	169.0E6	50.424	51.797
14)	MA Endrin	6.134	6.755	578.8E6	152.4E6	50.811	54.899
15)	B Endosulfa...	6.407	6.964	588.3E6	162.2E6	51.339	54.676
16)	A 4,4'-DDD	6.257	6.875	473.8E6	134.0E6	52.714	54.628
17)	MA 4,4'-DDT	6.501	7.174	508.0E6	130.9E6	49.738	50.311
18)	B Endrin al...	6.575	7.087	422.8E6	123.5E6	45.021	50.339
19)	B Endosulfa...	6.789	7.310	508.2E6	137.0E6	48.818	50.171
20)	A Methoxychlor	7.047	7.631	243.6E6	74586121	47.226	52.976
21)	B Endrin ke...	7.284	7.781	546.1E6	144.8E6	46.852	50.762
22)	Mirex	7.479	8.236	418.0E6	114.8E6	44.264	51.053

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093019\
 Data File : PL052867.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2019 19:05
 Operator : SG\AJ
 Sample : K5054-01MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

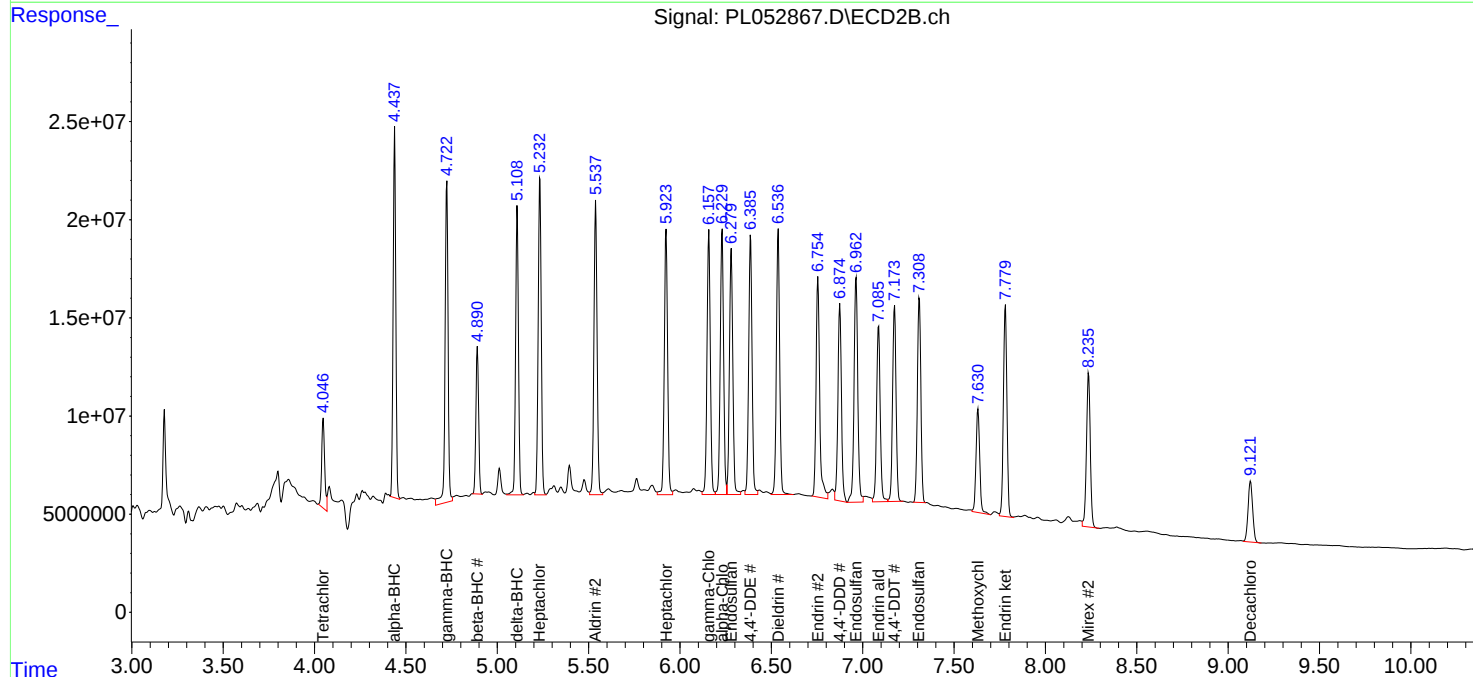
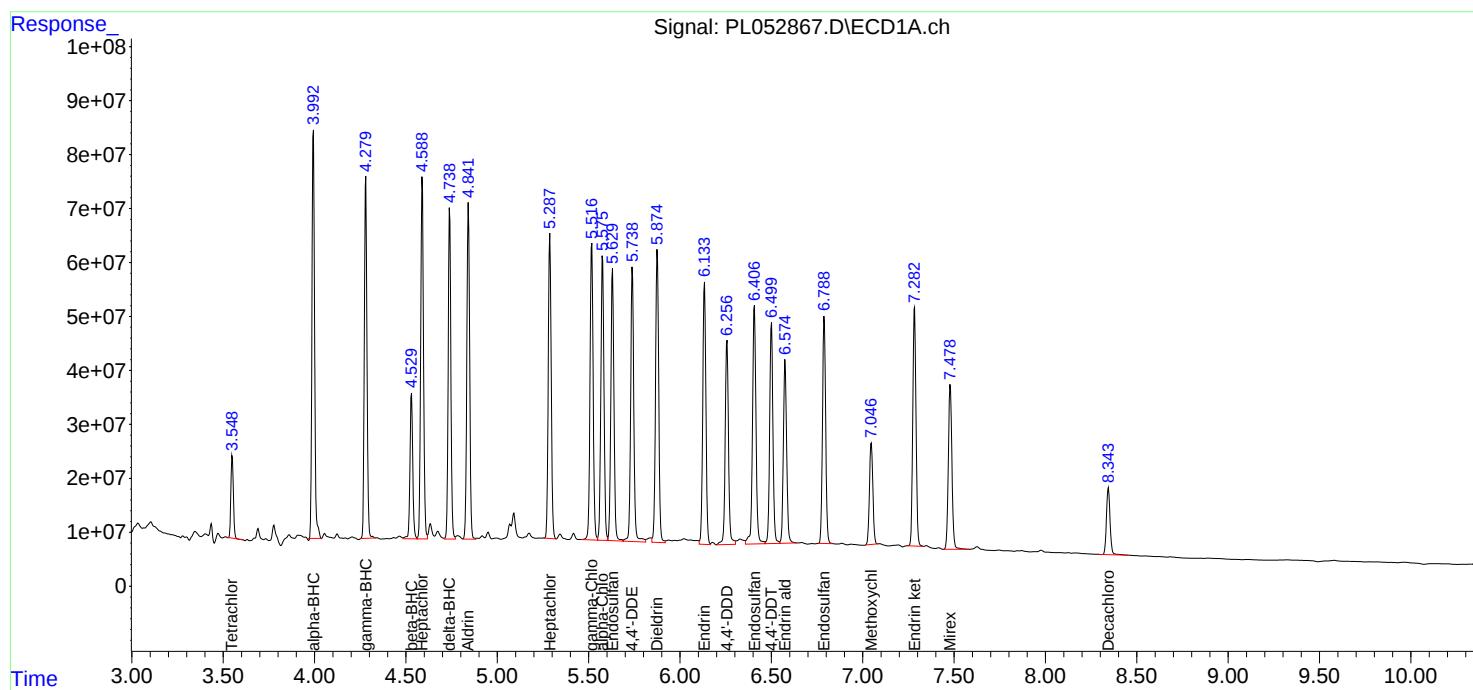
Instrument :
 ECD_L
 ClientSampleId :
 PAT-091019-BMSD

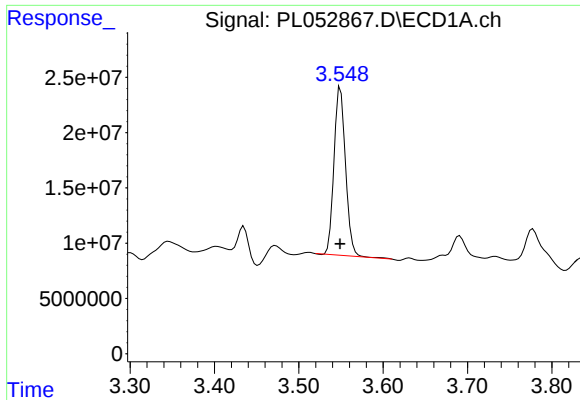
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 01:01:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 08:44:08 2019
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Volume 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





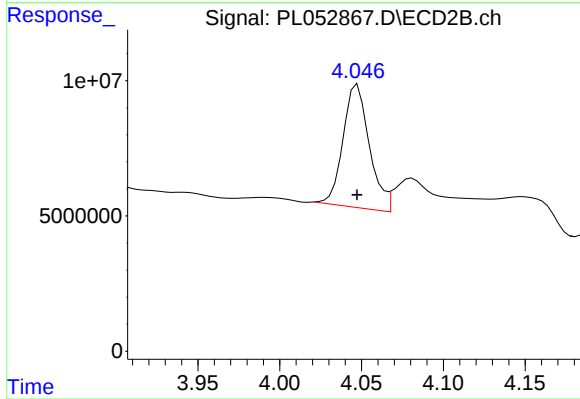
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 144136127
Conc: 14.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-091019-BMSD

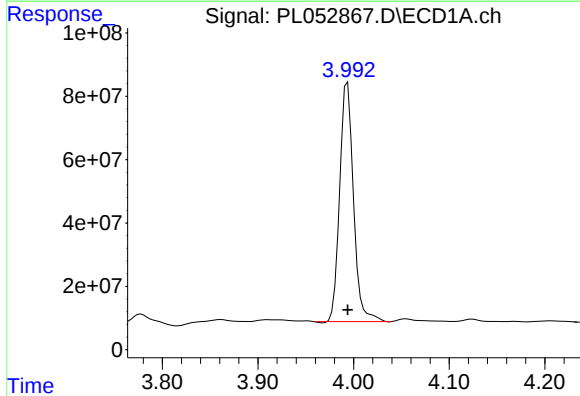
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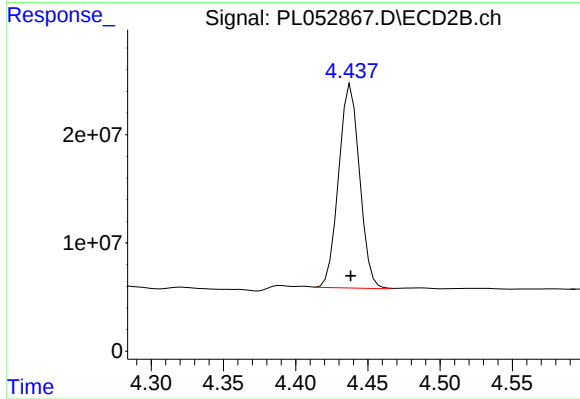
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 50916511
Conc: 18.96 ng/ml



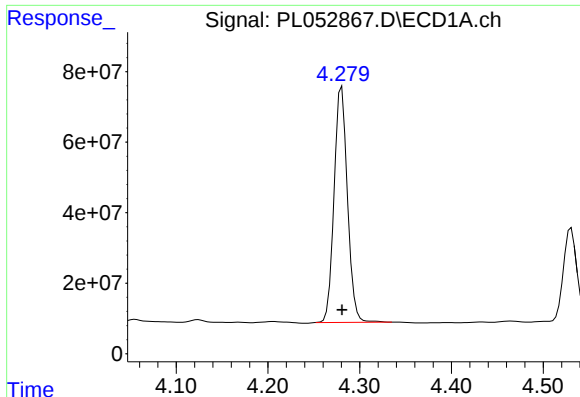
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 757288725
Conc: 47.48 ng/ml



#2 alpha-BHC

R.T.: 4.437 min
Delta R.T.: -0.001 min
Response: 189369512
Conc: 49.31 ng/ml m



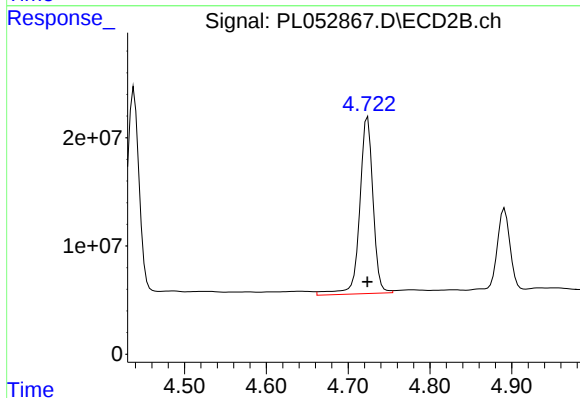
#3 gamma-BHC (Lindane)

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 678611937
Conc: 46.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-091019-BMSD

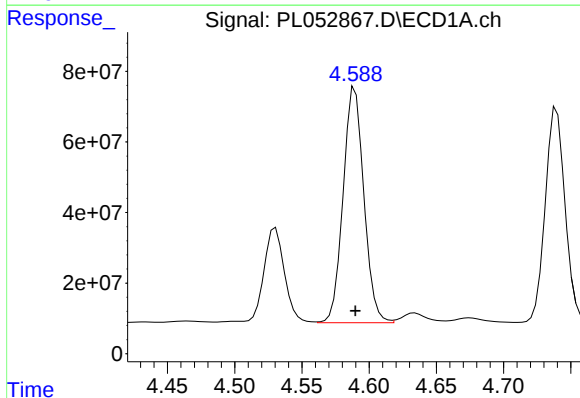
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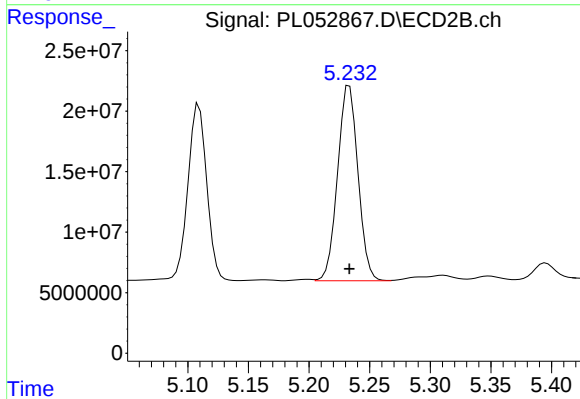
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 185487523
Conc: 51.22 ng/ml



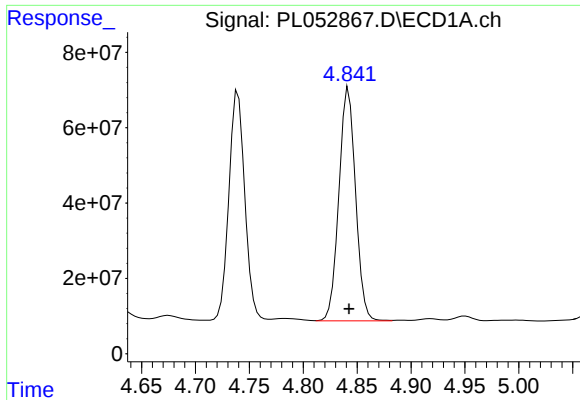
#4 Heptachlor

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 715379581
Conc: 47.88 ng/ml



#4 Heptachlor

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 188664324
Conc: 49.51 ng/ml



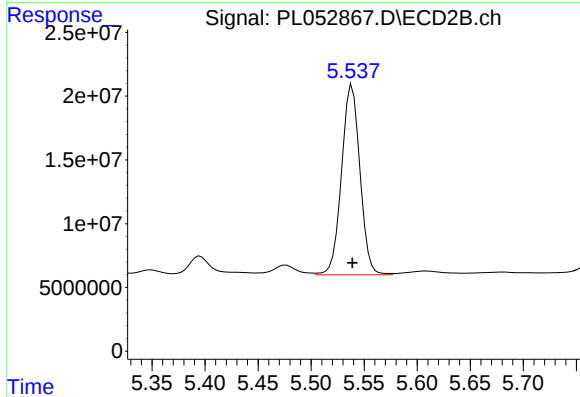
#5 Aldrin

R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 666154903
Conc: 48.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-091019-BMSD

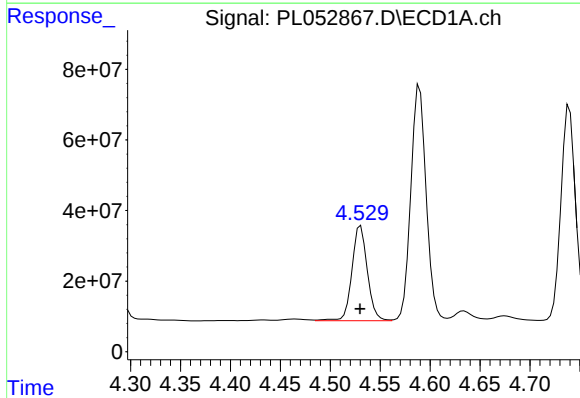
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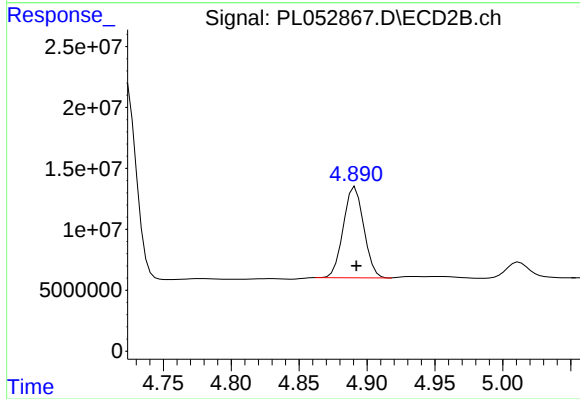
#5 Aldrin

R.T.: 5.539 min
Delta R.T.: 0.000 min
Response: 179467753
Conc: 51.78 ng/ml



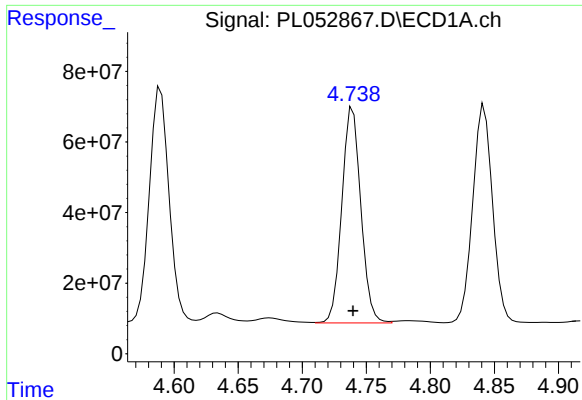
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 288788432
Conc: 46.51 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 78180120
Conc: 49.74 ng/ml



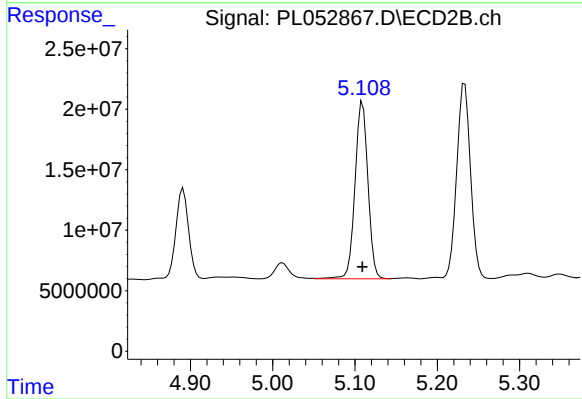
#7 delta-BHC

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 629756412
Conc: 43.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-091019-BMSD

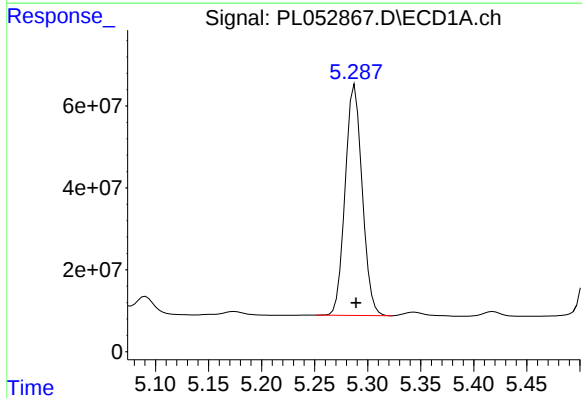
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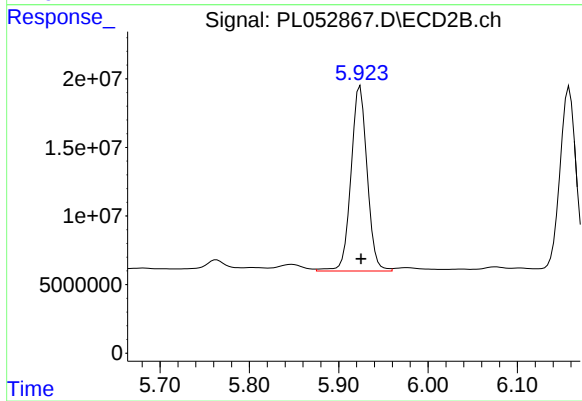
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 159759594
Conc: 44.13 ng/ml



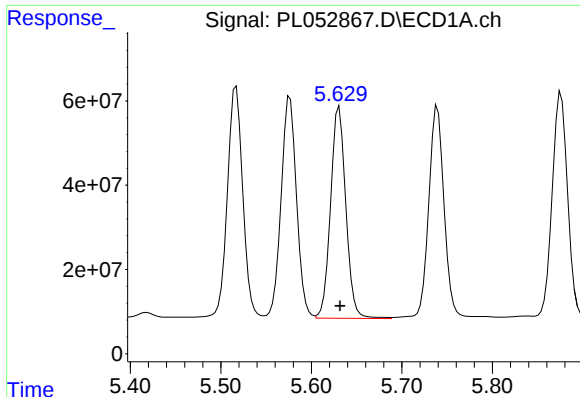
#8 Heptachlor epoxide

R.T.: 5.288 min
Delta R.T.: -0.001 min
Response: 628061370
Conc: 48.20 ng/ml



#8 Heptachlor epoxide

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 169291209
Conc: 50.51 ng/ml



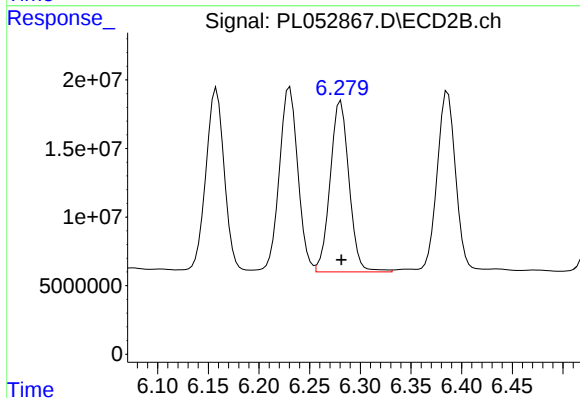
#9 Endosulfan I

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 588690619
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-091019-BMSD

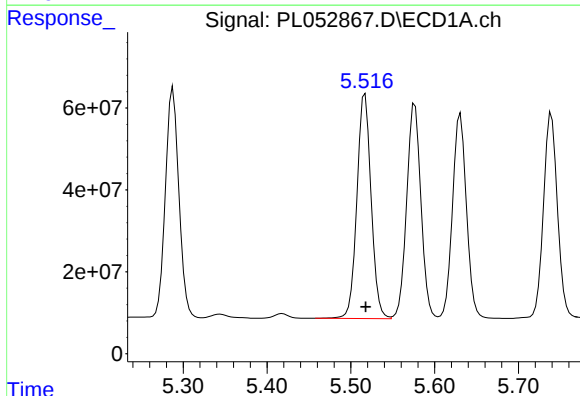
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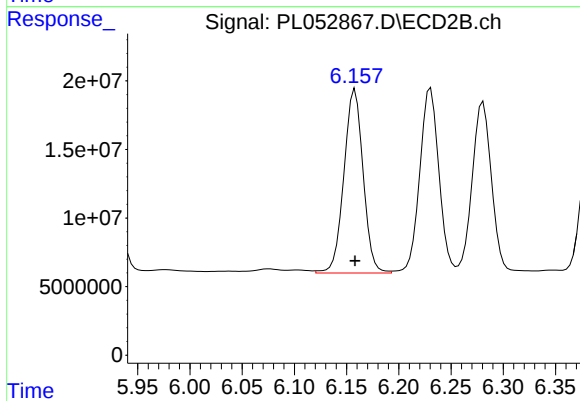
#9 Endosulfan I

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 162277673
Conc: 51.92 ng/ml



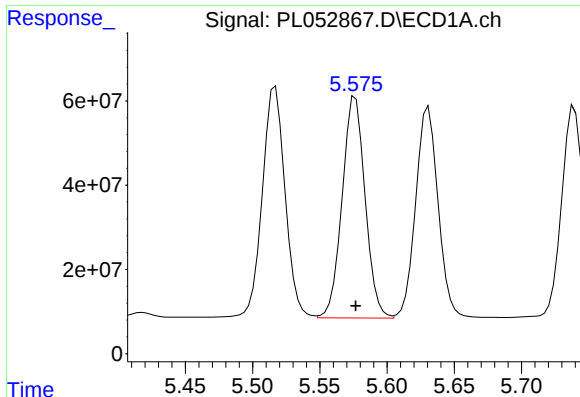
#10 gamma-Chlordane

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 645929711
Conc: 48.03 ng/ml



#10 gamma-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 171158412
Conc: 50.59 ng/ml



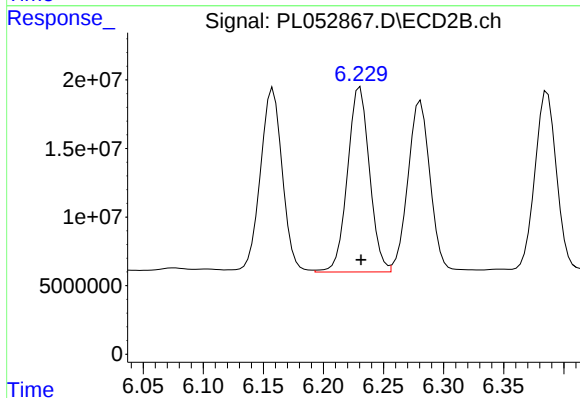
#11 alpha-Chlordane

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 622637724
Conc: 47.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-091019-BMSD

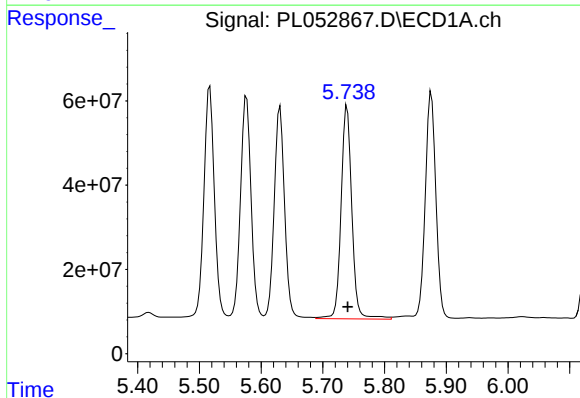
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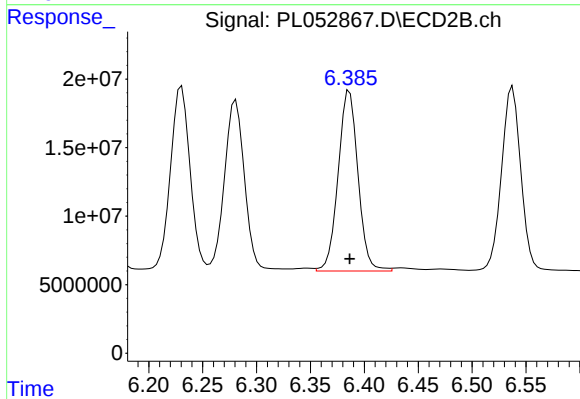
#11 alpha-Chlordane

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 172247719
Conc: 51.17 ng/ml



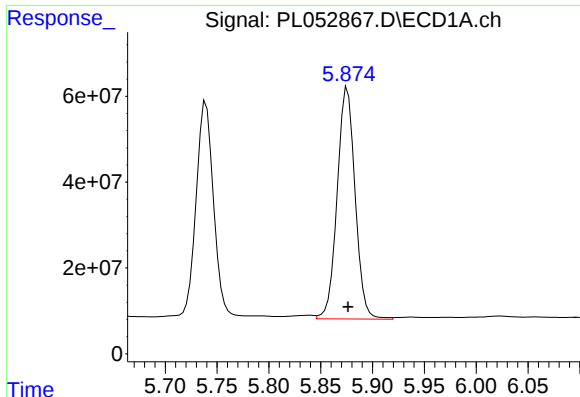
#12 4,4'-DDE

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 612566743
Conc: 52.78 ng/ml



#12 4,4'-DDE

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 168879466
Conc: 51.71 ng/ml



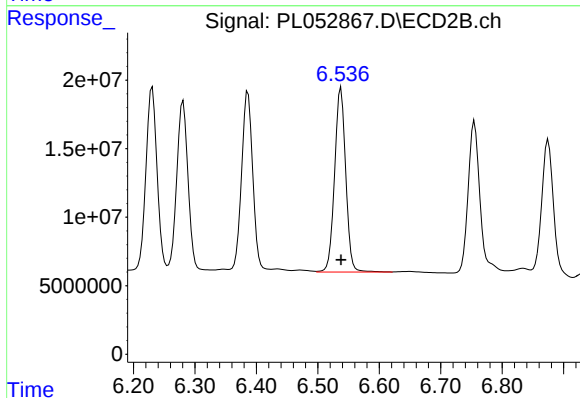
#13 Dieldrin

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 650878839
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-091019-BMSD

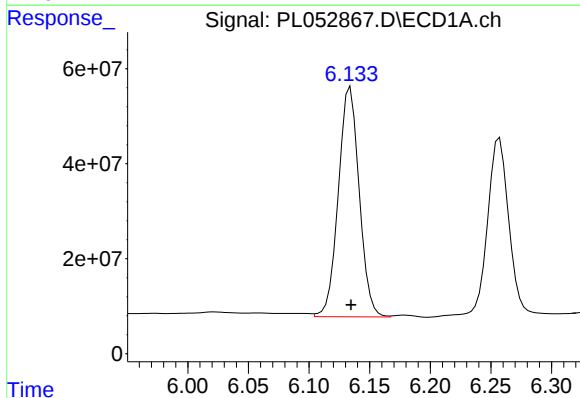
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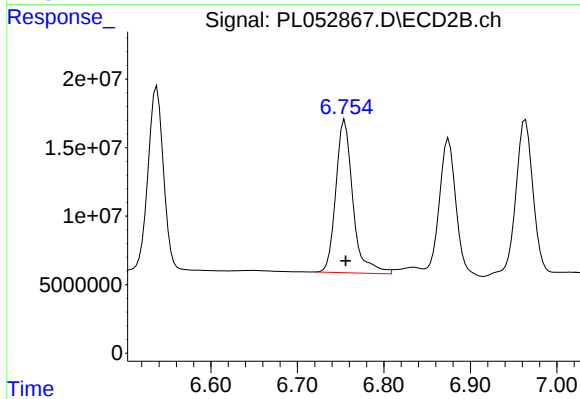
#13 Dieldrin

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 168958689
Conc: 51.80 ng/ml



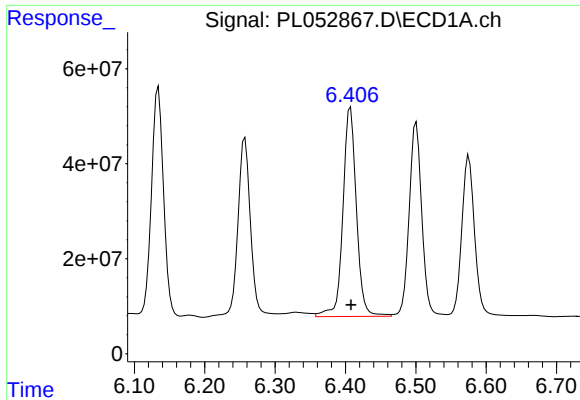
#14 Endrin

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 578774762
Conc: 50.81 ng/ml



#14 Endrin

R.T.: 6.755 min
Delta R.T.: -0.001 min
Response: 152449466
Conc: 54.90 ng/ml



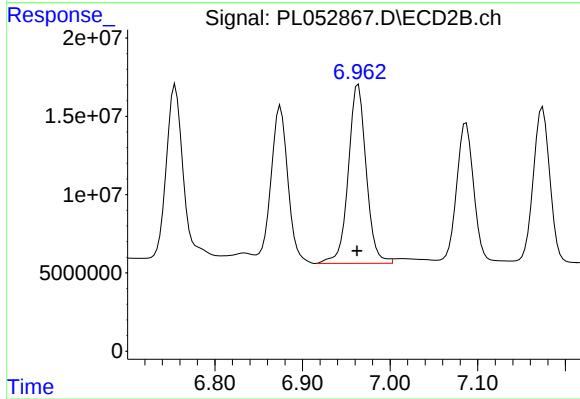
#15 Endosulfan II

R.T.: 6.407 min
Delta R.T.: -0.001 min
Response: 588326466
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-091019-BMSD

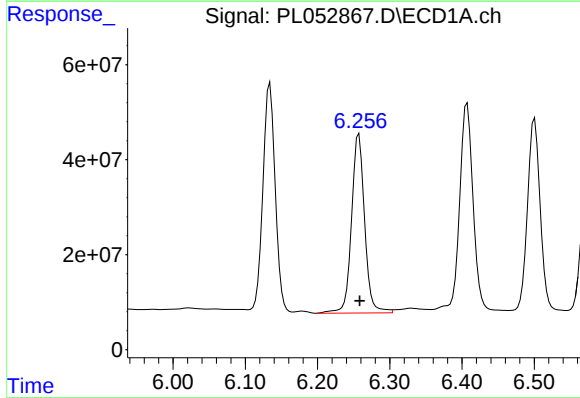
Manual Integrations
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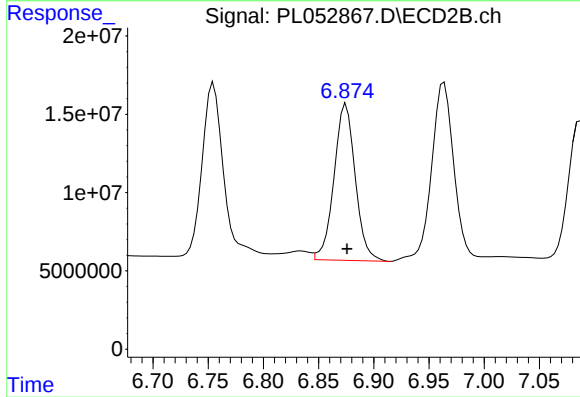
#15 Endosulfan II

R.T.: 6.964 min
Delta R.T.: 0.001 min
Response: 162222005
Conc: 54.68 ng/ml



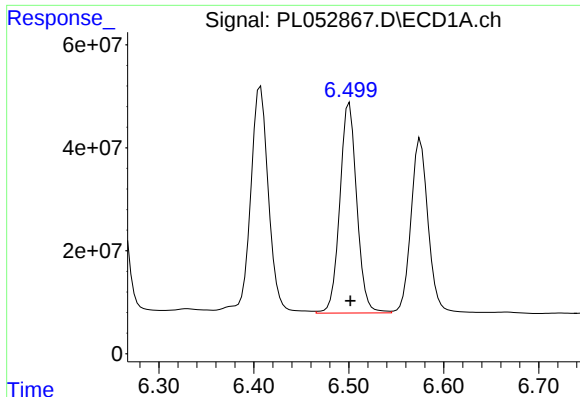
#16 4,4'-DDD

R.T.: 6.257 min
Delta R.T.: -0.001 min
Response: 473808872
Conc: 52.71 ng/ml



#16 4,4'-DDD

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 133977799
Conc: 54.63 ng/ml



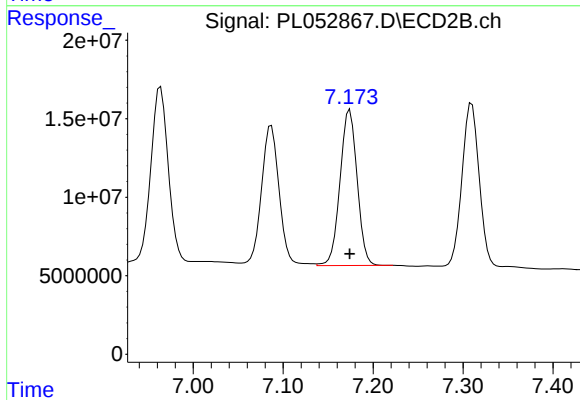
#17 4,4'-DDT

R.T.: 6.501 min
Delta R.T.: -0.001 min
Response: 507950021
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-091019-BMSD

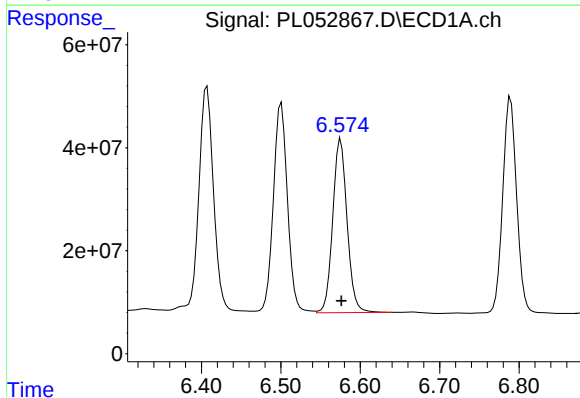
Manual Integrations
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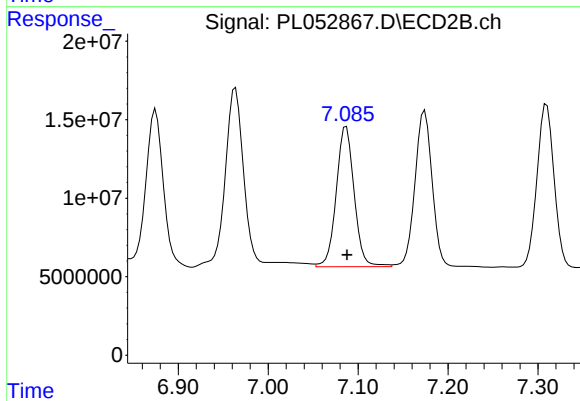
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 130935621
Conc: 50.31 ng/ml



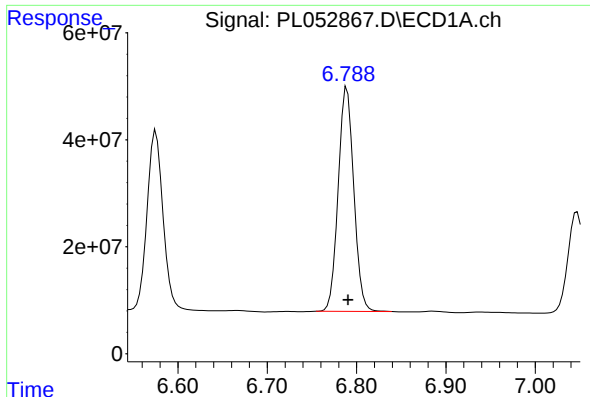
#18 Endrin aldehyde

R.T.: 6.575 min
Delta R.T.: -0.001 min
Response: 422783524
Conc: 45.02 ng/ml



#18 Endrin aldehyde

R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 123465656
Conc: 50.34 ng/ml



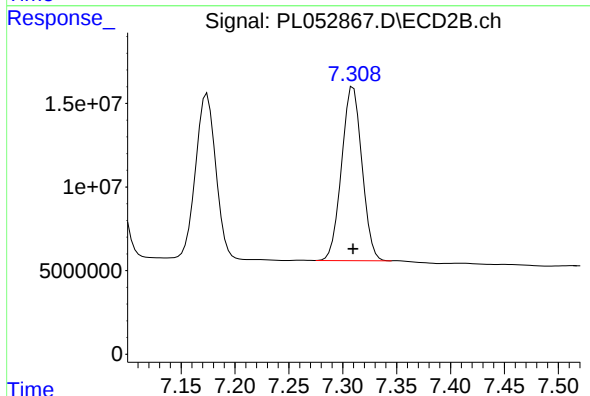
#19 Endosulfan Sulfate

R.T.: 6.789 min
Delta R.T.: -0.001 min
Response: 508156455
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-091019-BMSD

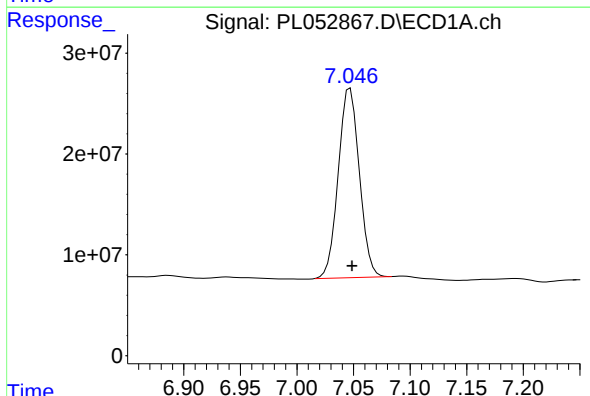
Manual Integrations
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10/2/2019 1:46:15 PM



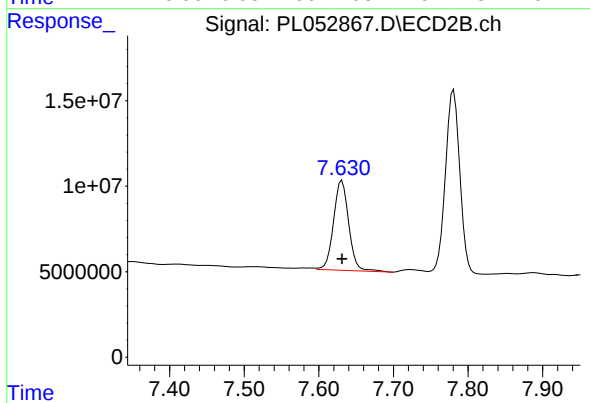
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 136988772
Conc: 50.17 ng/ml



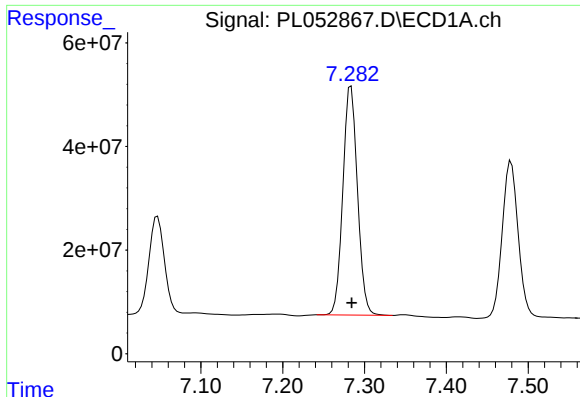
#20 Methoxychlor

R.T.: 7.047 min
Delta R.T.: -0.002 min
Response: 243598364
Conc: 47.23 ng/ml



#20 Methoxychlor

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 74586121
Conc: 52.98 ng/ml



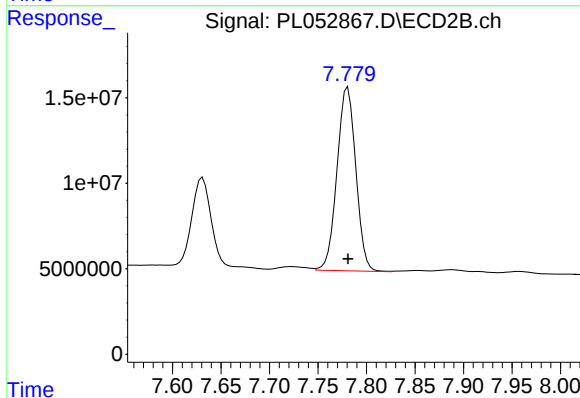
#21 Endrin ketone

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 546054156
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-091019-BMSD

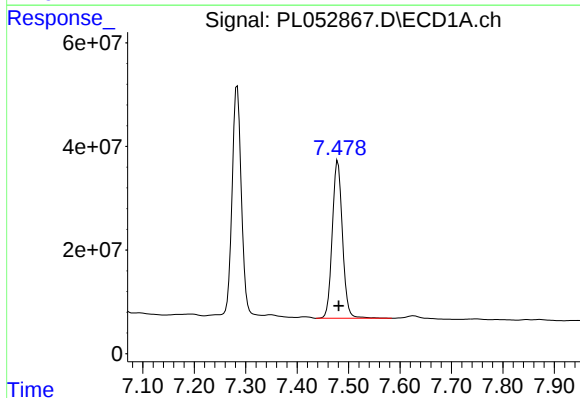
Manual Integrations
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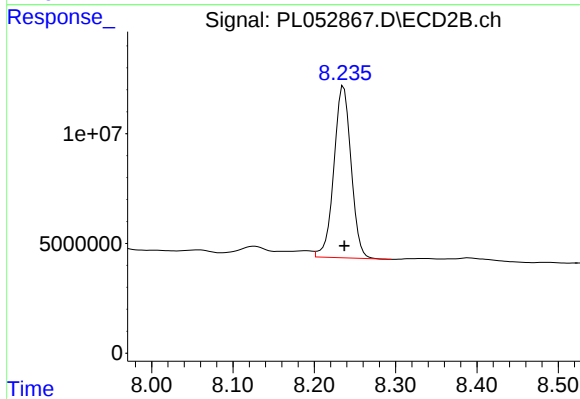
#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: 0.000 min
Response: 144818138
Conc: 50.76 ng/ml



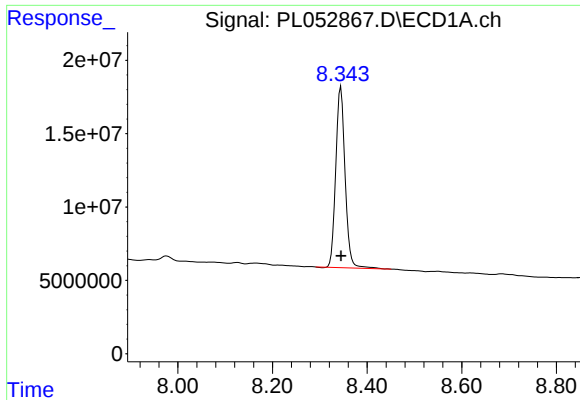
#22 Mirex

R.T.: 7.479 min
Delta R.T.: -0.002 min
Response: 418005971
Conc: 44.26 ng/ml



#22 Mirex

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 114830237
Conc: 51.05 ng/ml



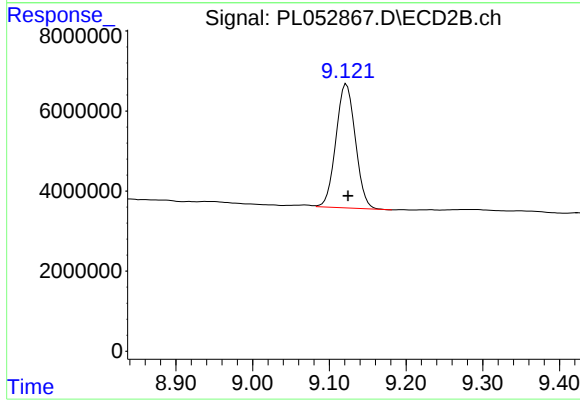
#28 Decachlorobiphenyl

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 168785435
Conc: 16.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-091019-BMSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: -0.002 min
Response: 54620760
Conc: 18.62 ng/ml