

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080719\
 Data File : PL051155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2019 15:27
 Operator : SM\AJ
 Sample : K4173-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EXT-035-SW107-073119MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 01:55:03 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...	3.323	3.929	245.7E6	58986140	24.451	20.674
28)	SA Decachlor...	7.985	8.960	179.9E6	45956171	17.770	16.251
Target Compounds							
2)	A alpha-BHC	3.751	4.317	936.6E6	235.7E6	55.893	57.124
3)	MA gamma-BHC...	4.026	4.599	860.3E6	223.2E6	55.927	57.625m
4)	MA Heptachlor	4.310	5.102	897.1E6	226.3E6	54.673	54.581
5)	MB Aldrin	4.548	5.405	880.4E6	216.4E6	56.831	57.431
6)	B beta-BHC	4.281	4.776	352.1E6	100.7E6	53.710	58.227m
7)	B delta-BHC	4.474	4.991	723.2E6	166.0E6	44.074	42.909
8)	B Heptachlo...	4.985	5.791	817.4E6	200.8E6	55.330	52.505
9)	A Endosulfan I	5.315	6.146	731.0E6	181.3E6	50.261	52.710
10)	B gamma-Chl...	5.207	6.026	873.4E6	203.9E6	55.339	55.170
11)	B alpha-Chl...	5.262	6.097	827.3E6	201.9E6	54.225	55.090
12)	B 4,4'-DDE	5.429	6.257	806.0E6	192.0E6	53.781	53.293
13)	MA Dieldrin	5.554	6.403	899.8E6	202.5E6	58.062	57.192
14)	MA Endrin	5.806	6.620	783.7E6	166.7E6	53.237	53.746
15)	B Endosulfa...	6.081	6.833	656.6E6	158.9E6	46.920	49.996
16)	A 4,4'-DDD	5.940	6.748	631.4E6	154.4E6	52.688	57.977
17)	MA 4,4'-DDT	6.175	7.045	618.7E6	146.8E6	49.953	54.363
18)	B Endrin al...	6.248	6.956	492.2E6	120.2E6	42.665	44.245
19)	B Endosulfa...	6.460	7.179	581.2E6	142.9E6	45.621	49.482
20)	A Methoxychlor	6.719	7.506	283.0E6	77691747	45.361	52.950
21)	B Endrin ke...	6.940	7.648	674.2E6	164.1E6	49.294	56.760
22)	Mirex	7.114	8.096	461.4E6	119.2E6	47.058	51.907

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080719\
Data File : PL051155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Aug 2019 15:27
Operator : SM\AJ
Sample : K4173-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

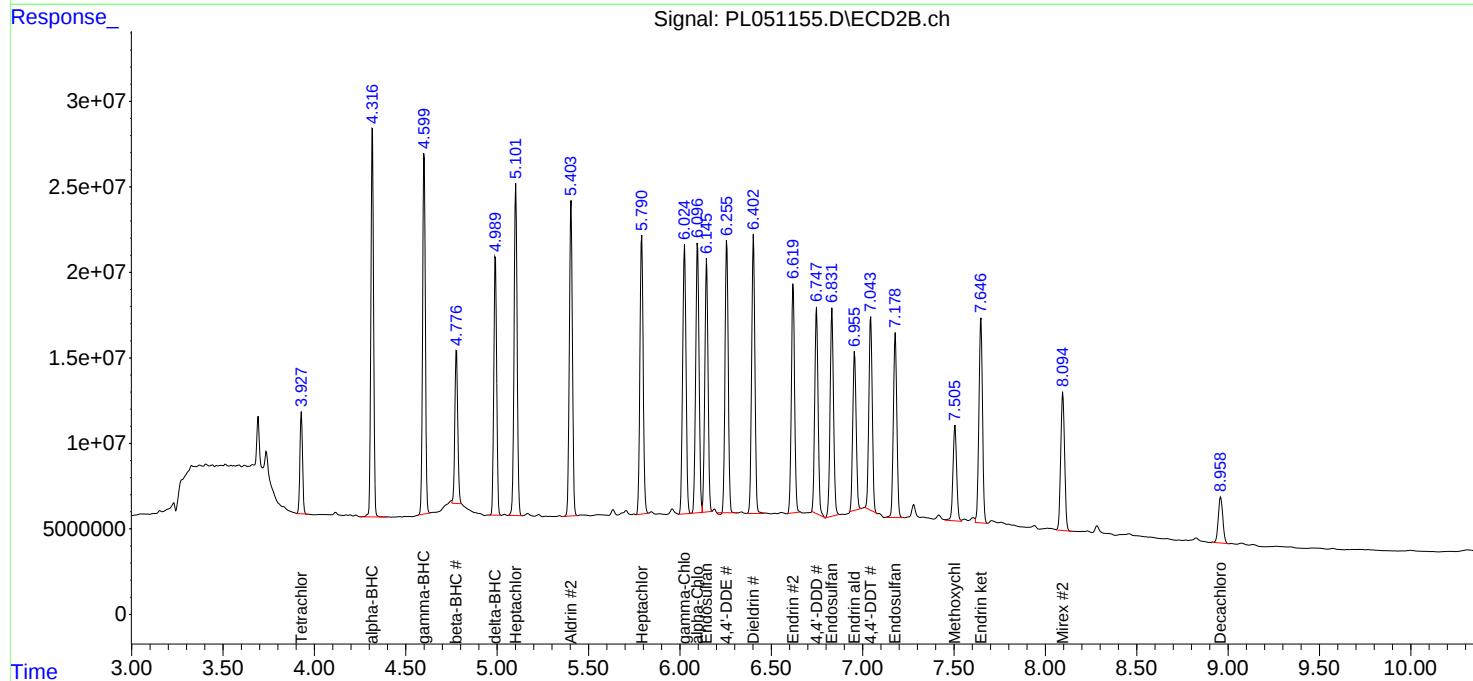
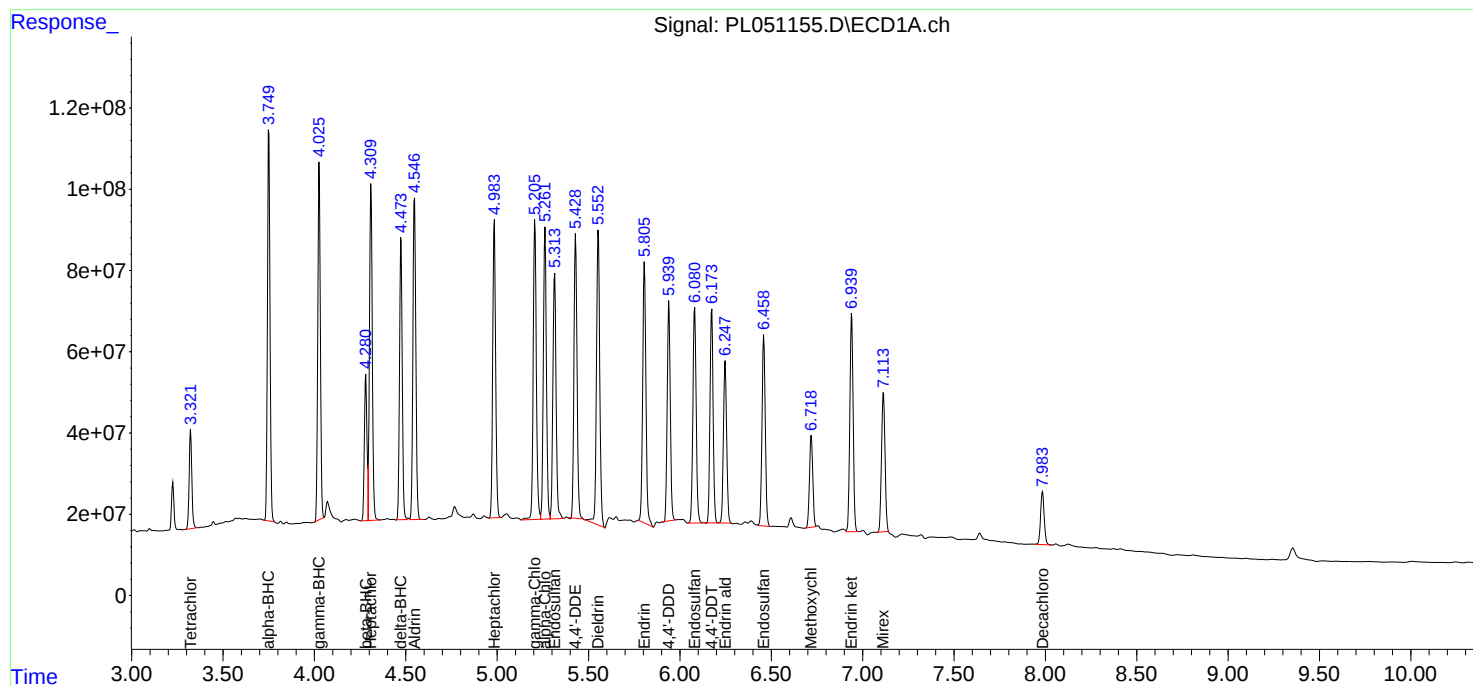
Instrument :
ECD_L
ClientSampleId :
EXT-035-SW107-073119MSD

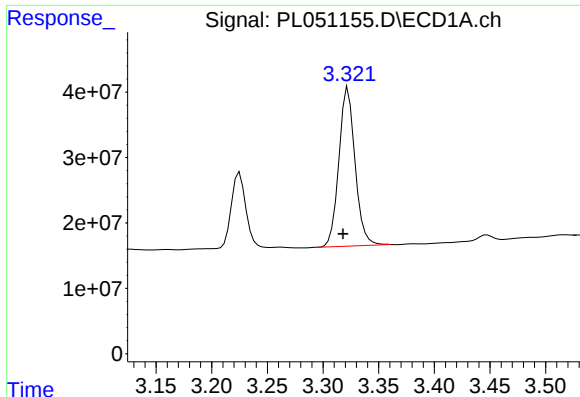
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 01:55:03 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 01:19:13 2019
Response 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





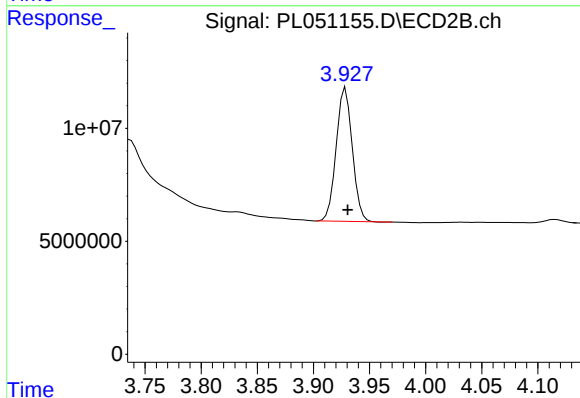
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.005 min
Response: 245678711
Conc: 24.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-035-SW107-073119MSD

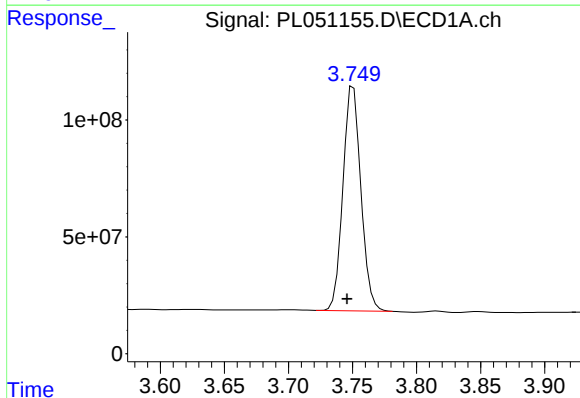
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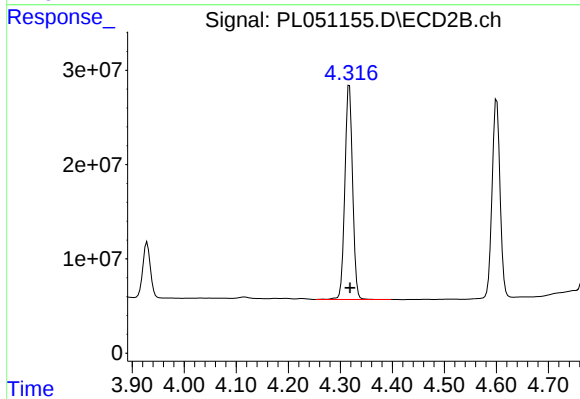
#1 Tetrachloro-m-xylene

R.T.: 3.929 min
Delta R.T.: -0.002 min
Response: 58986140
Conc: 20.67 ng/ml



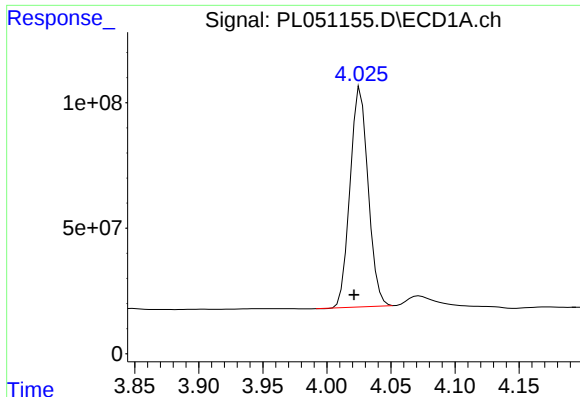
#2 alpha-BHC

R.T.: 3.751 min
Delta R.T.: 0.005 min
Response: 936634164
Conc: 55.89 ng/ml



#2 alpha-BHC

R.T.: 4.317 min
Delta R.T.: -0.001 min
Response: 235691207
Conc: 57.12 ng/ml



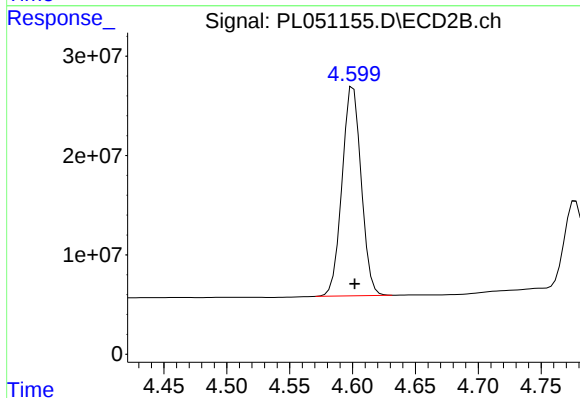
#3 gamma-BHC (Lindane)

R.T.: 4.026 min
Delta R.T.: 0.005 min
Response: 860253011
Conc: 55.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-035-SW107-073119MSD

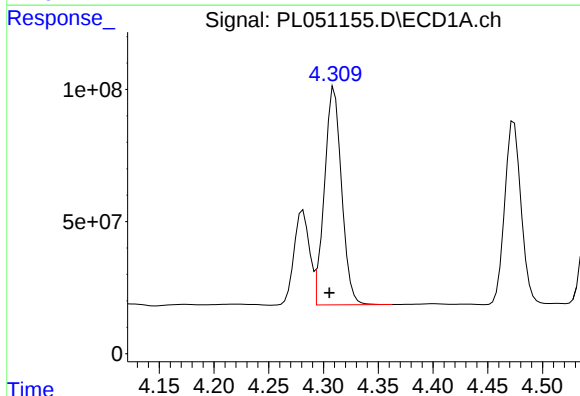
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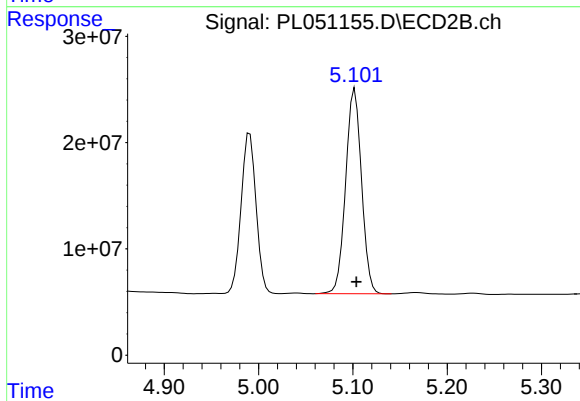
#3 gamma-BHC (Lindane)

R.T.: 4.599 min
Delta R.T.: -0.003 min
Response: 223190204
Conc: 57.62 ng/ml m



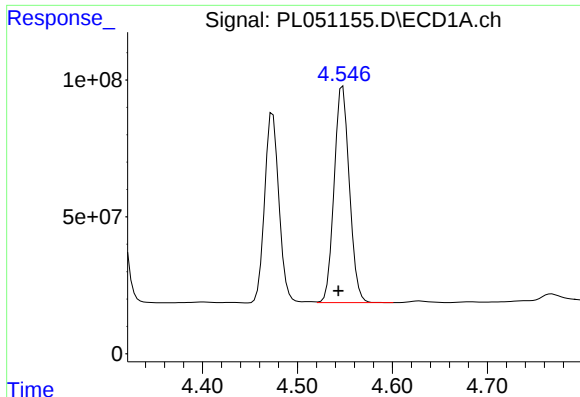
#4 Heptachlor

R.T.: 4.310 min
Delta R.T.: 0.005 min
Response: 897072964
Conc: 54.67 ng/ml



#4 Heptachlor

R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 226331731
Conc: 54.58 ng/ml



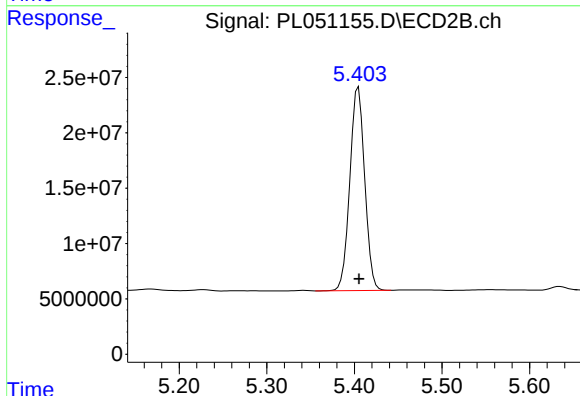
#5 Aldrin

R.T.: 4.548 min
Delta R.T.: 0.005 min
Response: 880392682
Conc: 56.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-035-SW107-073119MSD

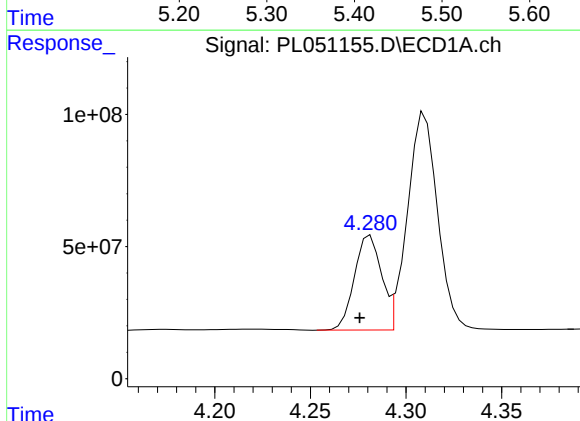
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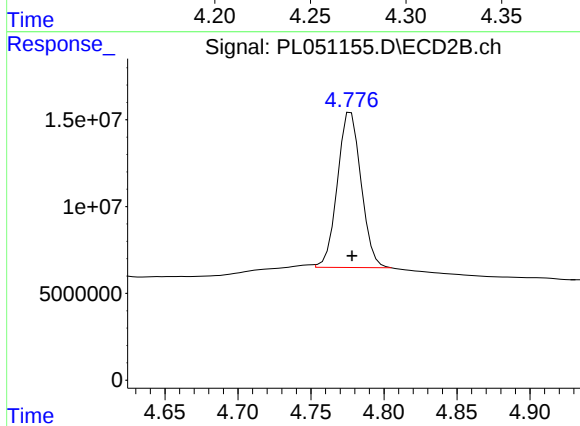
#5 Aldrin

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 216420875
Conc: 57.43 ng/ml



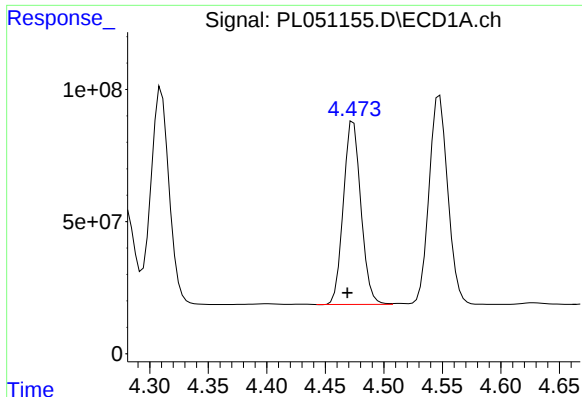
#6 beta-BHC

R.T.: 4.281 min
Delta R.T.: 0.006 min
Response: 352113272
Conc: 53.71 ng/ml



#6 beta-BHC

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 100666214
Conc: 58.23 ng/ml m



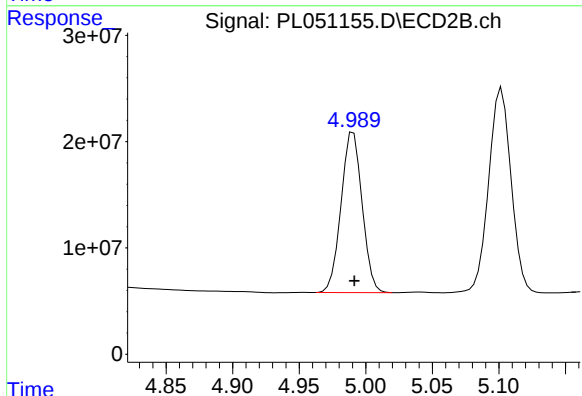
#7 delta-BHC

R.T.: 4.474 min
Delta R.T.: 0.005 min
Response: 723204560
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-035-SW107-073119MSD

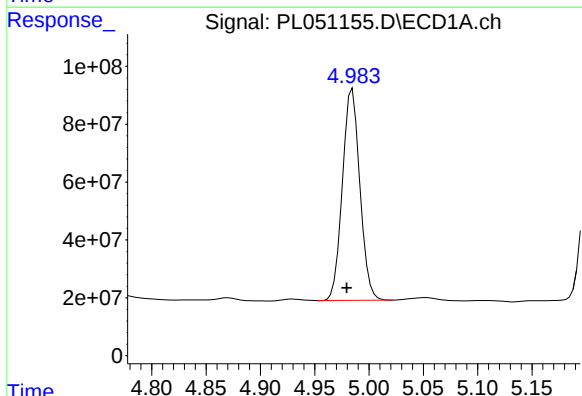
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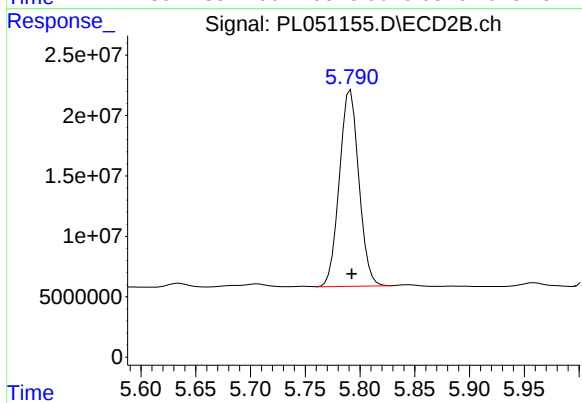
#7 delta-BHC

R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 165957576
Conc: 42.91 ng/ml



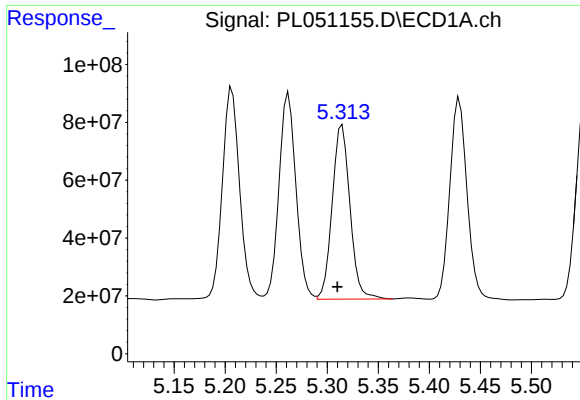
#8 Heptachlor epoxide

R.T.: 4.985 min
Delta R.T.: 0.005 min
Response: 817426497
Conc: 55.33 ng/ml



#8 Heptachlor epoxide

R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 200820900
Conc: 52.50 ng/ml



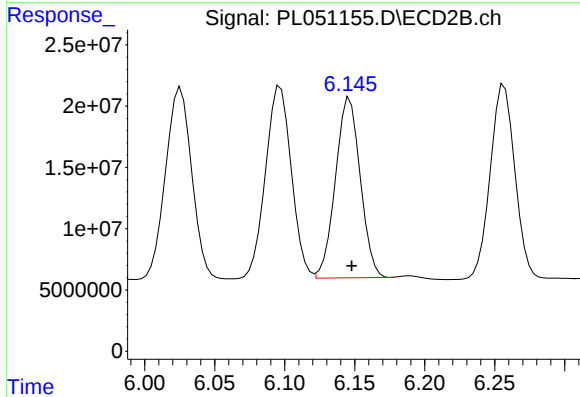
#9 Endosulfan I

R.T.: 5.315 min
Delta R.T.: 0.005 min
Response: 730989016
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-035-SW107-073119MSD

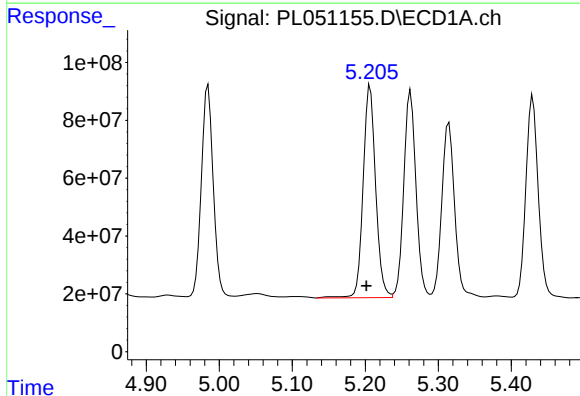
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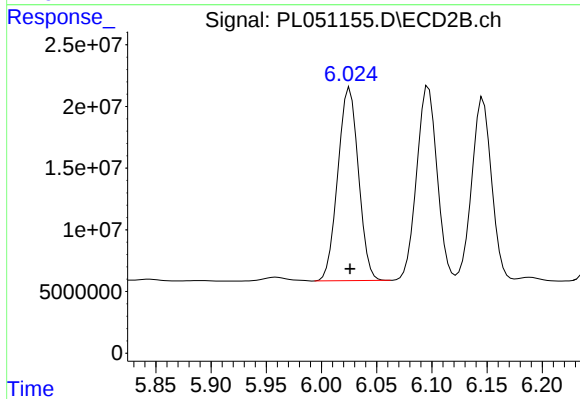
#9 Endosulfan I

R.T.: 6.146 min
Delta R.T.: -0.001 min
Response: 181263118
Conc: 52.71 ng/ml



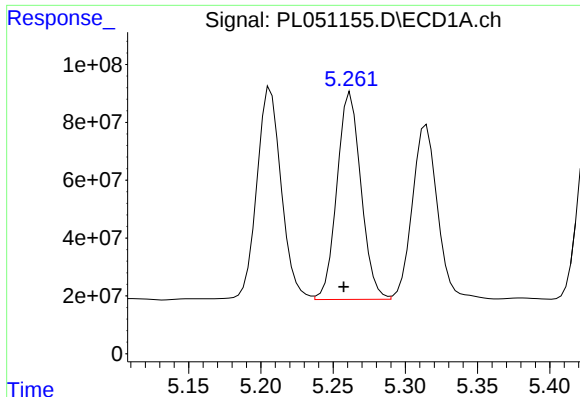
#10 gamma-Chlordane

R.T.: 5.207 min
Delta R.T.: 0.005 min
Response: 873422115
Conc: 55.34 ng/ml



#10 gamma-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 203867249
Conc: 55.17 ng/ml



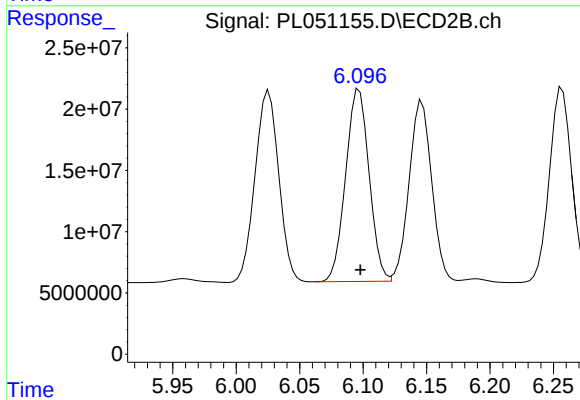
#11 alpha-Chlordane

R.T.: 5.262 min
Delta R.T.: 0.005 min
Response: 827262271
Conc: 54.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-035-SW107-073119MSD

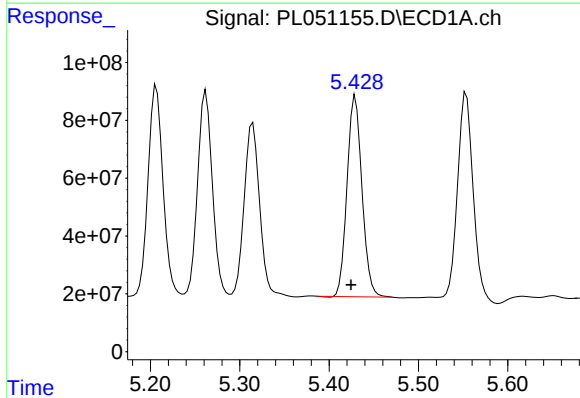
Manual Integrations
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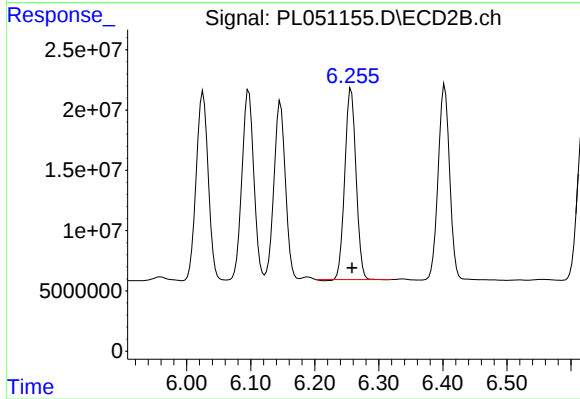
#11 alpha-Chlordane

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 201914900
Conc: 55.09 ng/ml



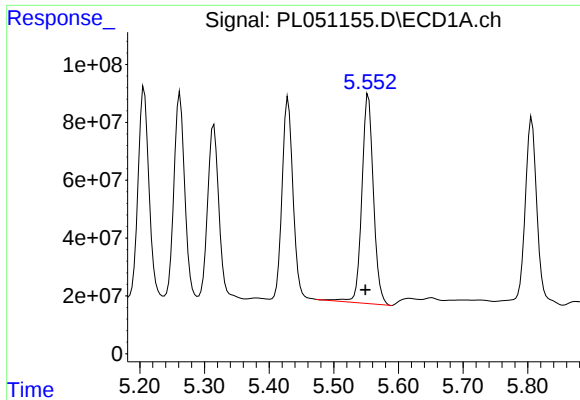
#12 4,4'-DDE

R.T.: 5.429 min
Delta R.T.: 0.005 min
Response: 805958082
Conc: 53.78 ng/ml



#12 4,4'-DDE

R.T.: 6.257 min
Delta R.T.: -0.001 min
Response: 192034517
Conc: 53.29 ng/ml



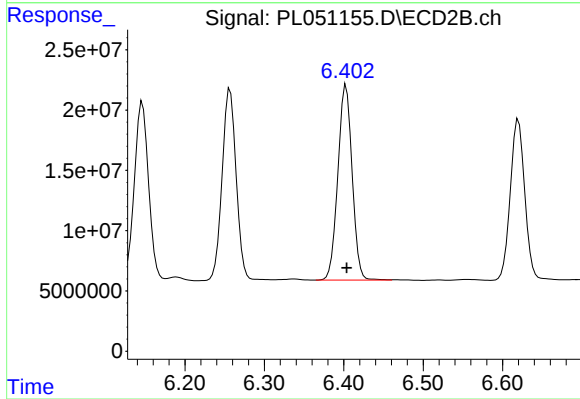
#13 Dieldrin

R.T.: 5.554 min
Delta R.T.: 0.005 min
Response: 899772332
Conc: 58.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-035-SW107-073119MSD

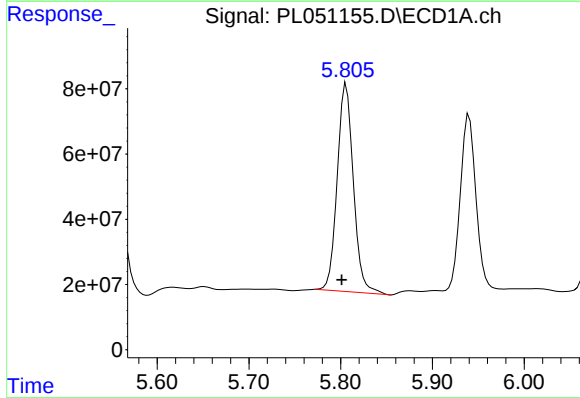
Manual Integrations
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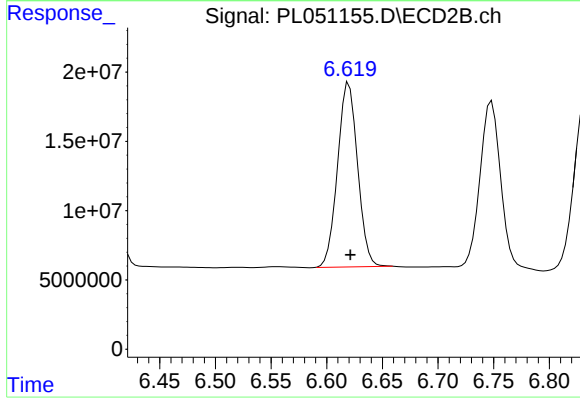
#13 Dieldrin

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 202525560
Conc: 57.19 ng/ml



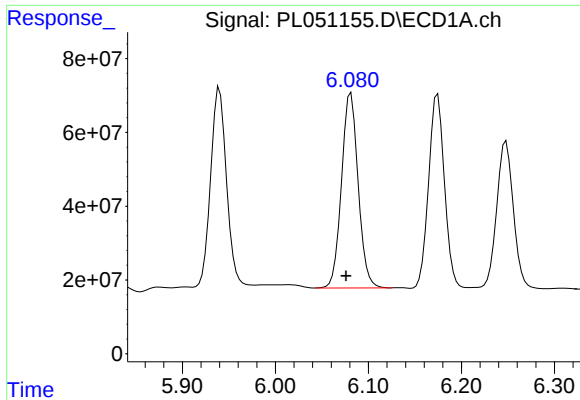
#14 Endrin

R.T.: 5.806 min
Delta R.T.: 0.005 min
Response: 783668773
Conc: 53.24 ng/ml



#14 Endrin

R.T.: 6.620 min
Delta R.T.: -0.002 min
Response: 166689866
Conc: 53.75 ng/ml



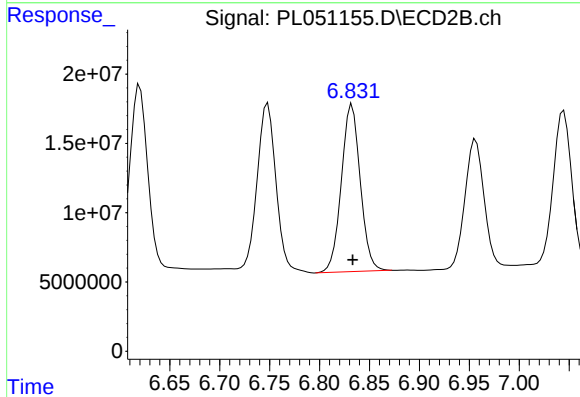
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.005 min
Response: 656644961
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-035-SW107-073119MSD

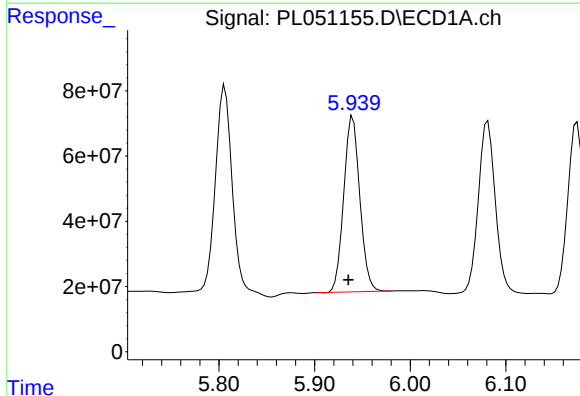
Manual Integrations
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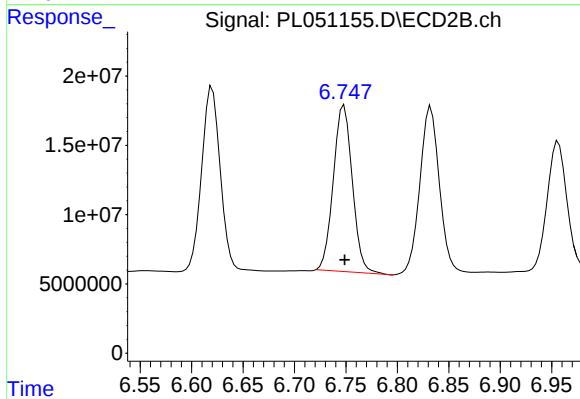
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 158944763
Conc: 50.00 ng/ml



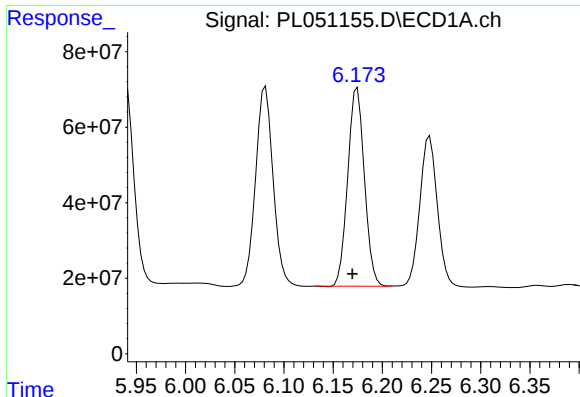
#16 4,4'-DDD

R.T.: 5.940 min
Delta R.T.: 0.005 min
Response: 631404923
Conc: 52.69 ng/ml



#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 154385331
Conc: 57.98 ng/ml



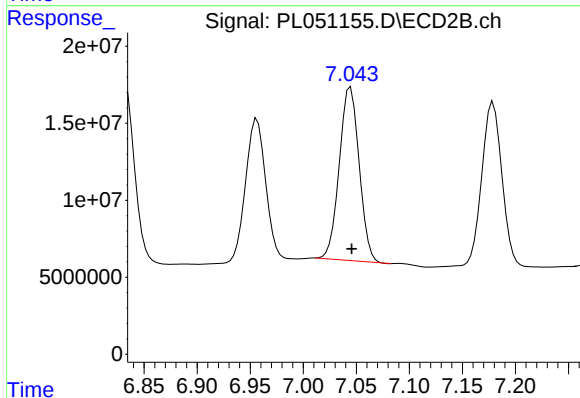
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.005 min
Response: 618703717
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-035-SW107-073119MSD

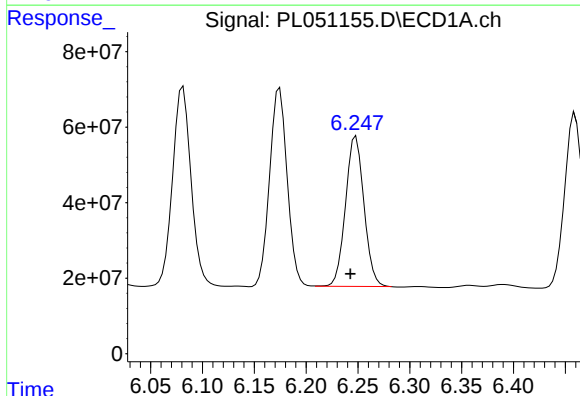
Manual Integrations
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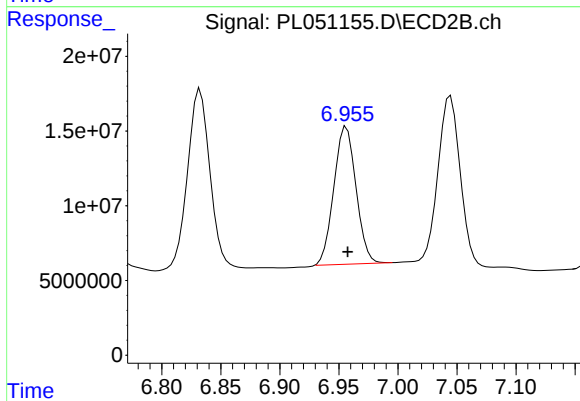
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 146756964
Conc: 54.36 ng/ml



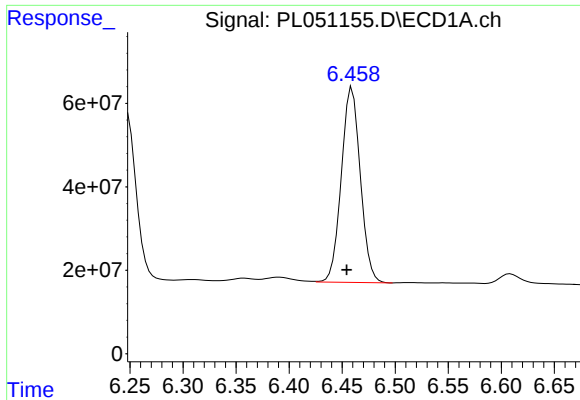
#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: 0.005 min
Response: 492202523
Conc: 42.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.956 min
Delta R.T.: -0.001 min
Response: 120241340
Conc: 44.25 ng/ml



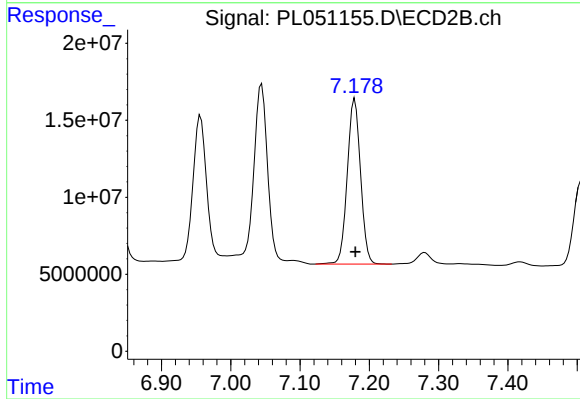
#19 Endosulfan Sulfate

R.T.: 6.460 min
Delta R.T.: 0.005 min
Response: 581190031
Conc: 45.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-035-SW107-073119MSD

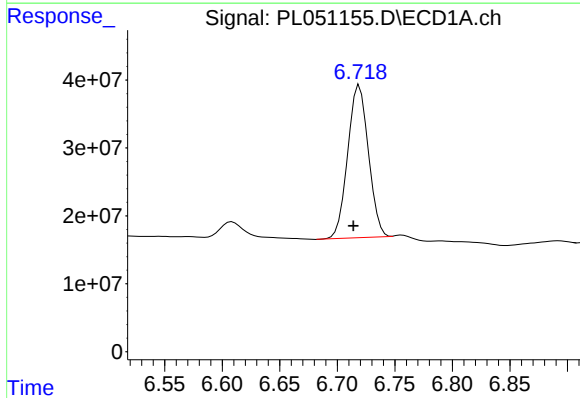
Manual Integrations
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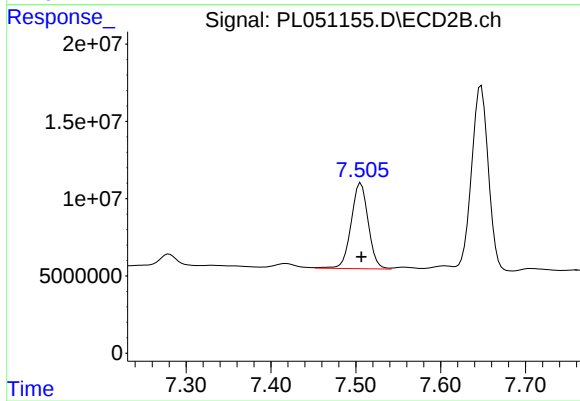
#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 142917054
Conc: 49.48 ng/ml



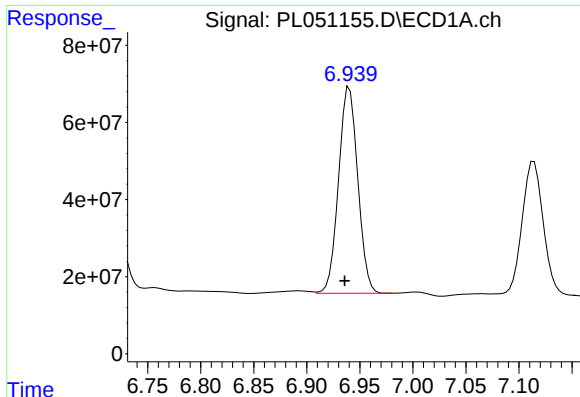
#20 Methoxychlor

R.T.: 6.719 min
Delta R.T.: 0.005 min
Response: 283007034
Conc: 45.36 ng/ml



#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 77691747
Conc: 52.95 ng/ml



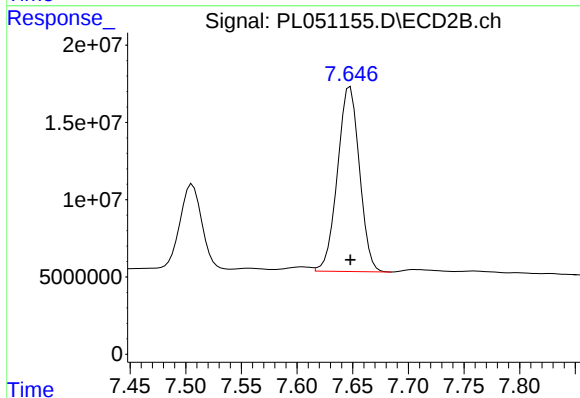
#21 Endrin ketone

R.T.: 6.940 min
Delta R.T.: 0.005 min
Response: 674209983
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-035-SW107-073119MSD

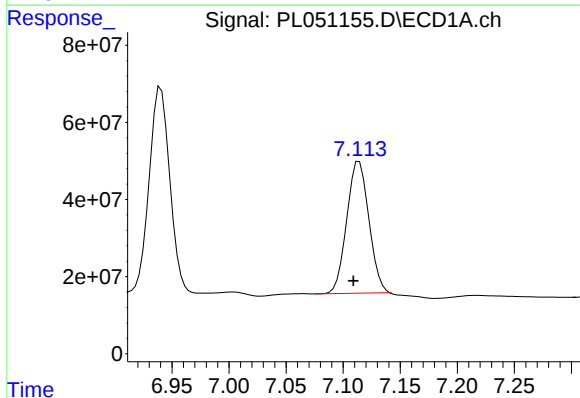
Manual Integrations
APPROVED

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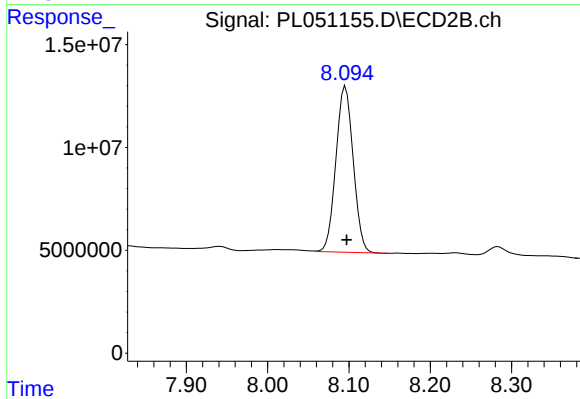
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 164107782
Conc: 56.76 ng/ml



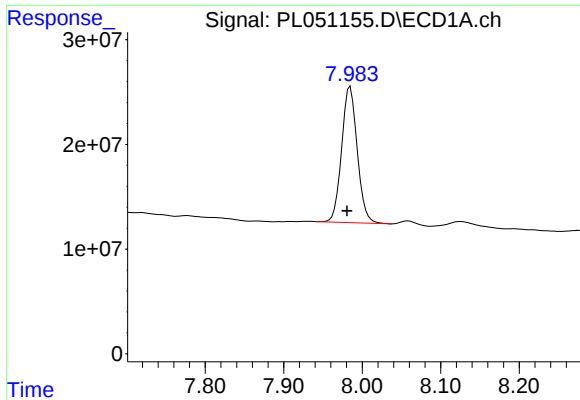
#22 Mirex

R.T.: 7.114 min
Delta R.T.: 0.005 min
Response: 461373111
Conc: 47.06 ng/ml



#22 Mirex

R.T.: 8.096 min
Delta R.T.: -0.001 min
Response: 119229239
Conc: 51.91 ng/ml



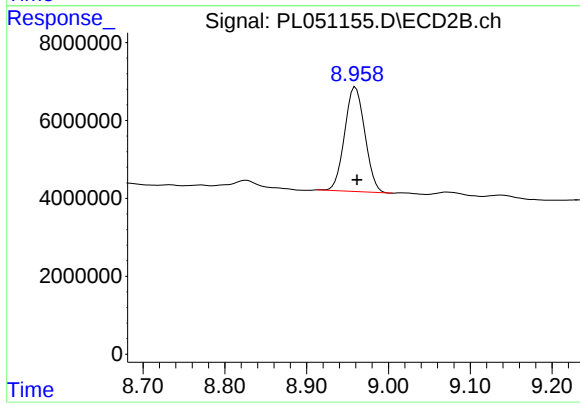
#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: 0.004 min
Response: 179924811
Conc: 17.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-035-SW107-073119MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.960 min
Delta R.T.: -0.002 min
Response: 45956171
Conc: 16.25 ng/ml