

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031920\
 Data File : PL057492.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2020 18:12
 Operator : AJ\MA
 Sample : L1964-03MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 2000448388MS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 01:24:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 16 09:40:37 2020
 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...	3.458	3.956	172.8E6	41067312	18.645	18.929
28)	SA Decachlor...	8.204	8.977	156.0E6	35394534	14.740	15.962
Target Compounds							
2)	A alpha-BHC	3.895	4.343	760.9E6	165.9E6	47.767	51.635
3)	MA gamma-BHC...	4.178	4.626	727.8E6	153.9E6	50.638	49.066
4)	MA Heptachlor	4.477	5.128	658.8E6	147.4E6	44.354m	46.841
5)	MB Aldrin	4.726	5.429	618.7E6	141.3E6	44.855	46.314
6)	B beta-BHC	4.428	4.799	283.7E6	73836967	48.262m	51.193
7)	B delta-BHC	4.634	5.013	648.1E6	126.3E6	46.174	48.785
8)	B Heptachlo...	5.168	5.814	595.4E6	138.2E6	46.455	50.639
9)	A Endosulfan I	5.507	6.168	549.7E6	134.9E6	46.237	47.423
10)	B gamma-Chl...	5.395	6.047	590.4E6	146.7E6	45.278	47.586
11)	B alpha-Chl...	5.454	6.119	571.7E6	144.7E6	44.243	46.486
12)	B 4,4'-DDE	5.617	6.278	569.5E6	131.8E6	45.720	46.358
13)	MA Dieldrin	5.750	6.423	589.2E6	142.9E6	46.719	48.298
14)	MA Endrin	6.007	6.640	490.8E6	109.6E6	42.935	45.436
15)	B Endosulfa...	6.280	6.850	480.4E6	116.2E6	44.230	44.238
16)	A 4,4'-DDD	6.133	6.766	460.7E6	111.8E6	47.002	48.976
17)	MA 4,4'-DDT	6.372	7.063	402.7E6	93857592	40.385	41.208
18)	B Endrin al...	6.448	6.974	406.7E6	102.1E6	44.043	45.930
19)	B Endosulfa...	6.661	7.196	475.2E6	114.5E6	47.323	46.943
20)	A Methoxychlor	6.917	7.522	209.2E6	52944907	38.978	40.709
21)	B Endrin ke...	7.151	7.664	530.7E6	123.2E6	46.949	47.597
22)	Mirex	7.338	8.113	354.8E6	84344292	43.801	44.170

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031920\
Data File : PL057492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2020 18:12
Operator : AJ\MA
Sample : L1964-03MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

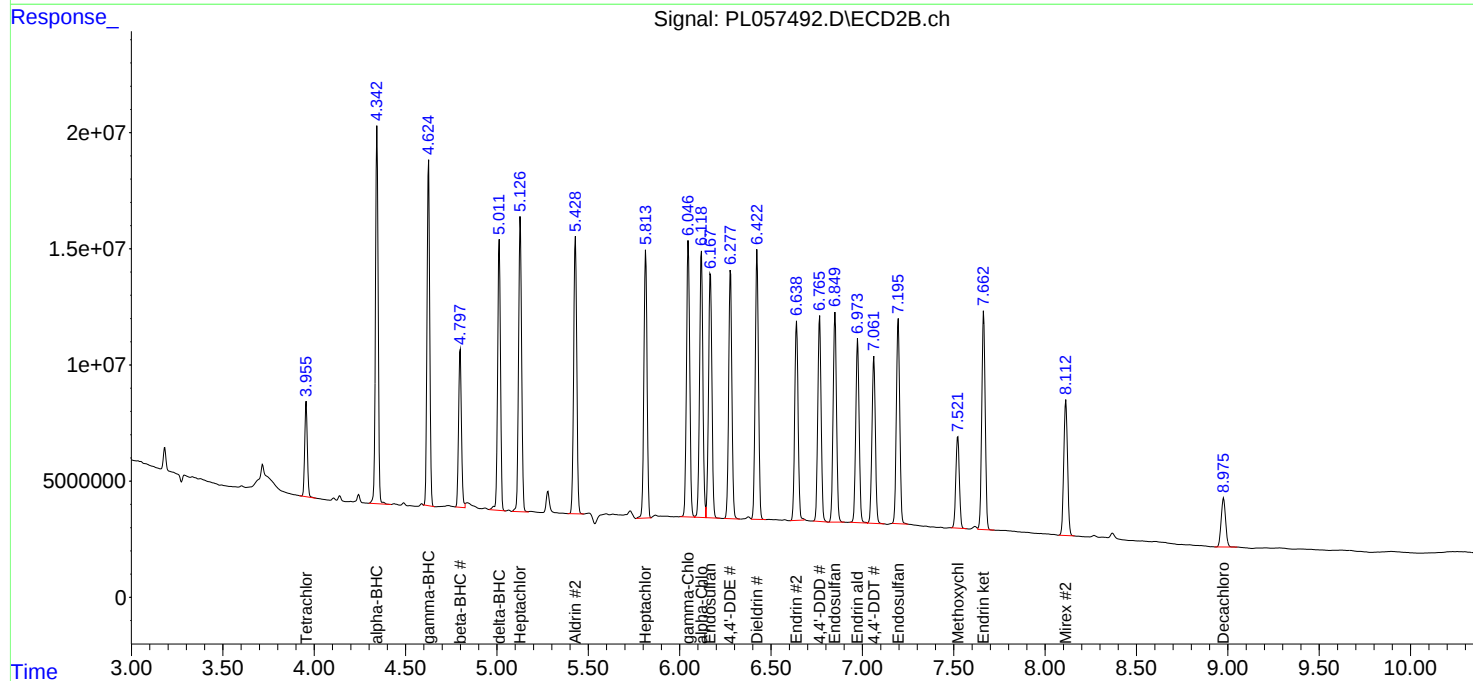
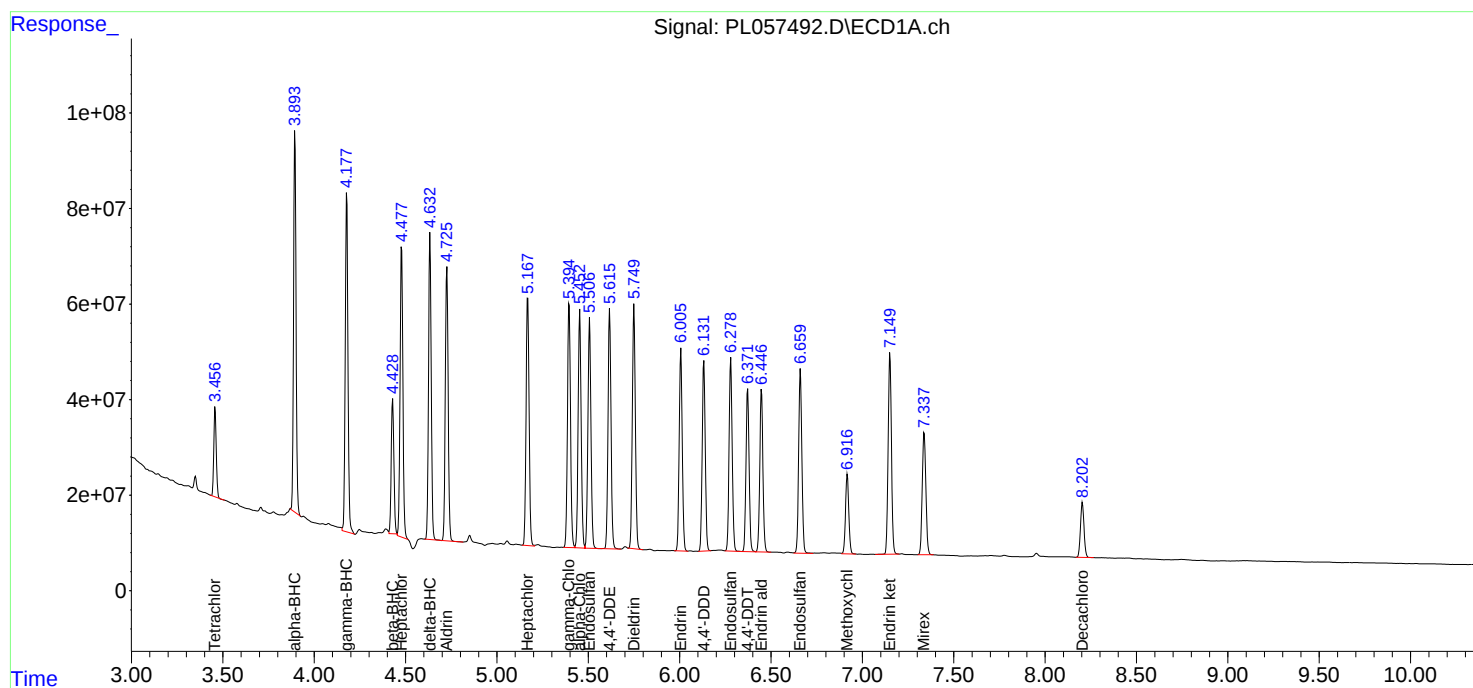
Instrument :
ECD_L
ClientSampled :
2000448388MS

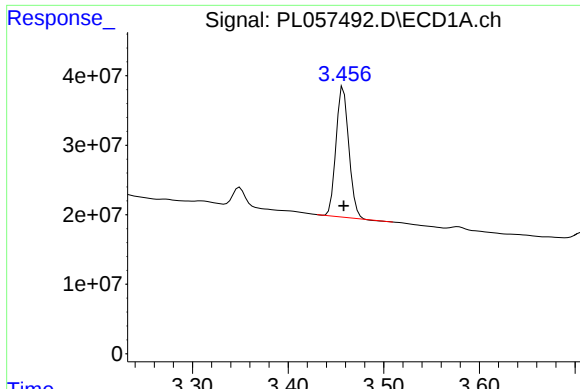
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 01:24:49 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
Quant Title : GC Extractables
QLast Update : Mon Mar 16 09:40:37 2020
Response 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





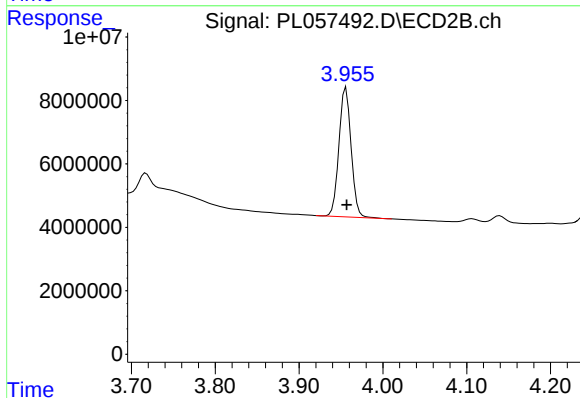
#1 Tetrachloro-m-xylene

R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 172825415
Conc: 18.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MS

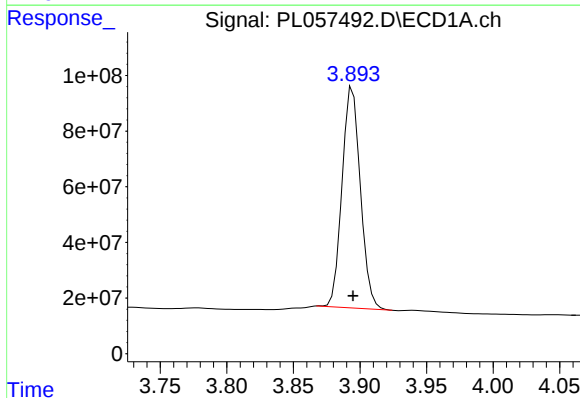
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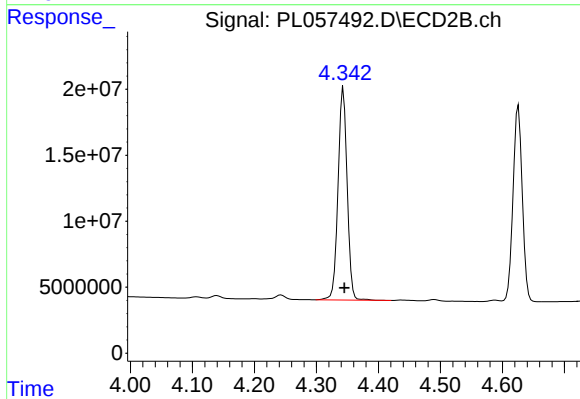
#1 Tetrachloro-m-xylene

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 41067312
Conc: 18.93 ng/ml



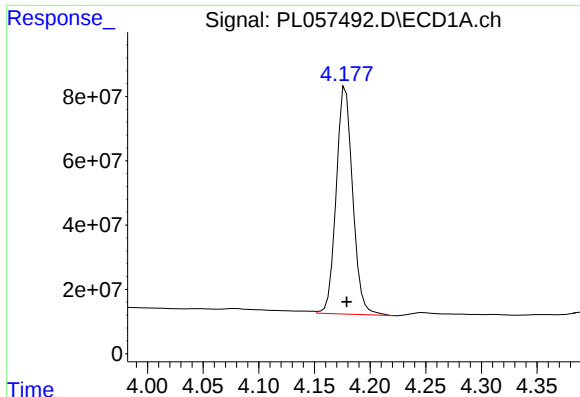
#2 alpha-BHC

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 760899930
Conc: 47.77 ng/ml



#2 alpha-BHC

R.T.: 4.343 min
Delta R.T.: -0.002 min
Response: 165855288
Conc: 51.64 ng/ml



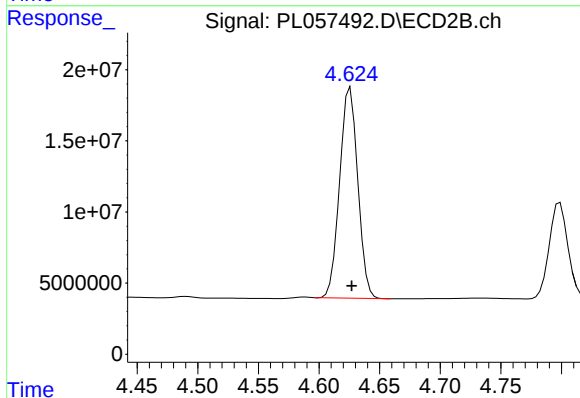
#3 gamma-BHC (Lindane)

R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 727816091
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MS

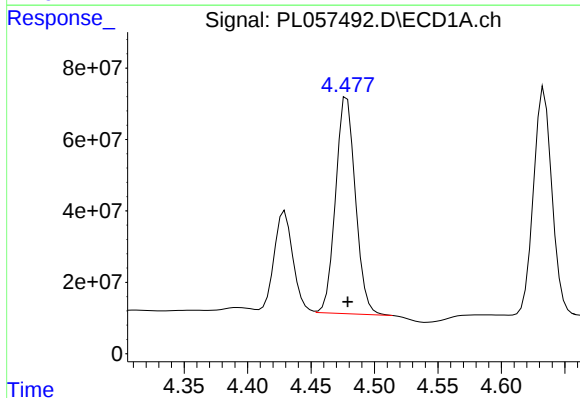
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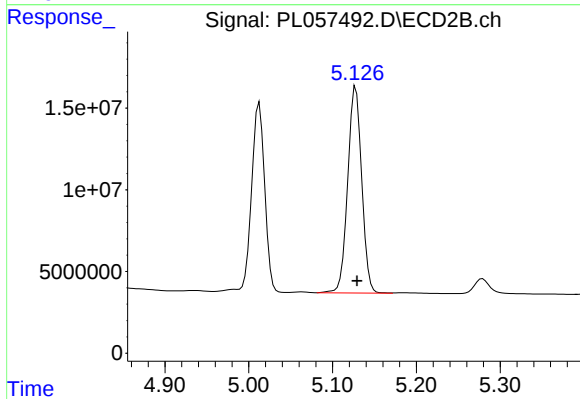
#3 gamma-BHC (Lindane)

R.T.: 4.626 min
Delta R.T.: -0.001 min
Response: 153942769
Conc: 49.07 ng/ml



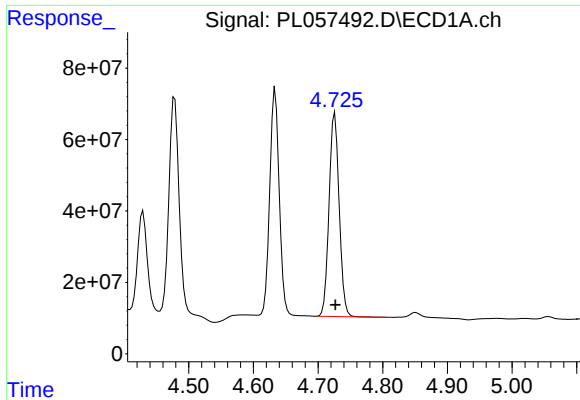
#4 Heptachlor

R.T.: 4.477 min
Delta R.T.: -0.002 min
Response: 658758705
Conc: 44.35 ng/ml m



#4 Heptachlor

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 147441181
Conc: 46.84 ng/ml



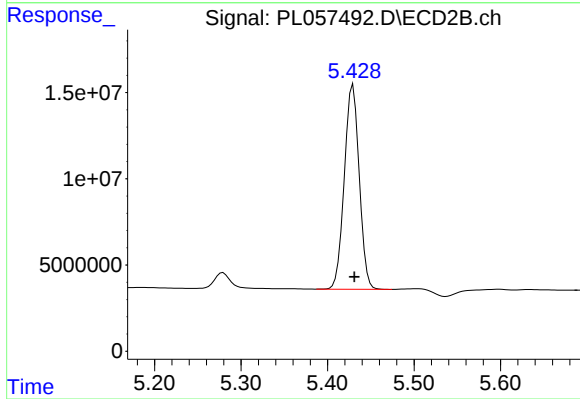
#5 Aldrin

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 618738284
Conc: 44.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MS

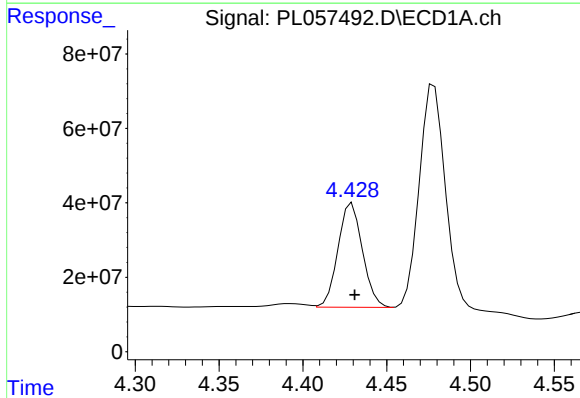
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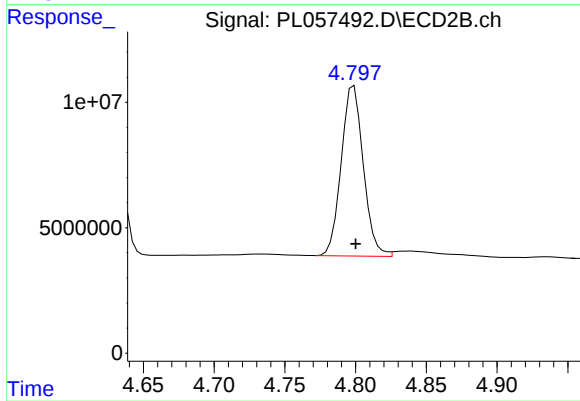
#5 Aldrin

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 141290253
Conc: 46.31 ng/ml



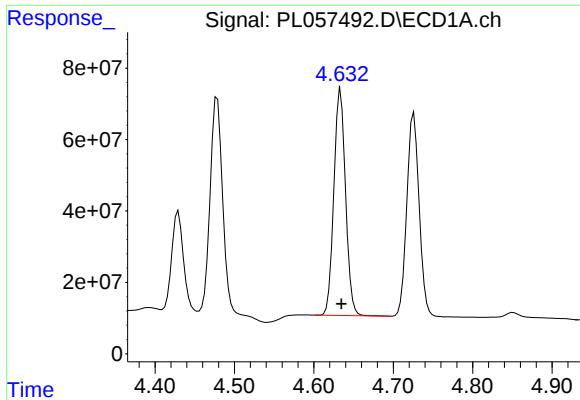
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: -0.003 min
Response: 283734653
Conc: 48.26 ng/ml m



#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 73836967
Conc: 51.19 ng/ml



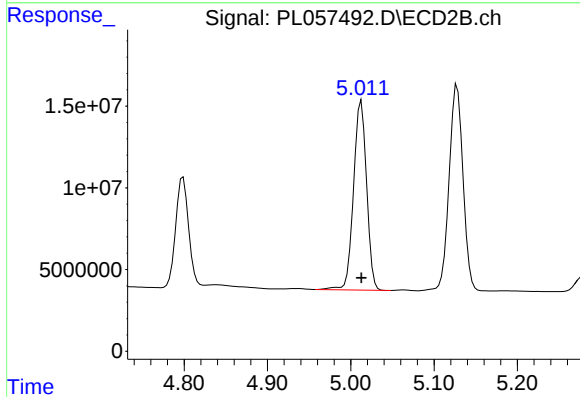
#7 delta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 648054437
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MS

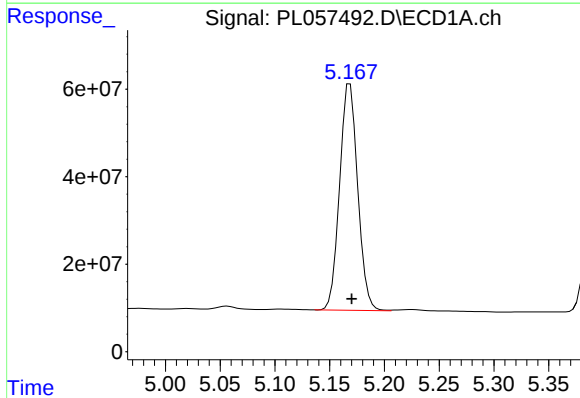
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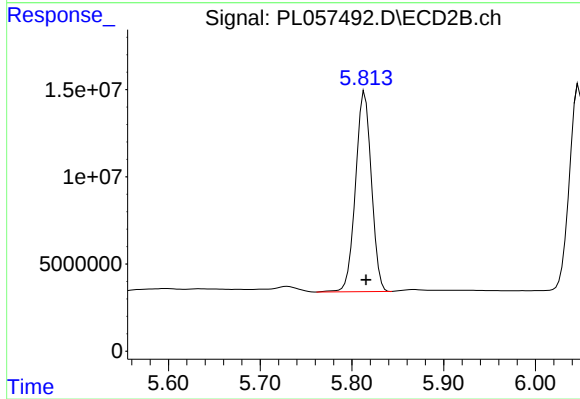
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 126296177
Conc: 48.79 ng/ml



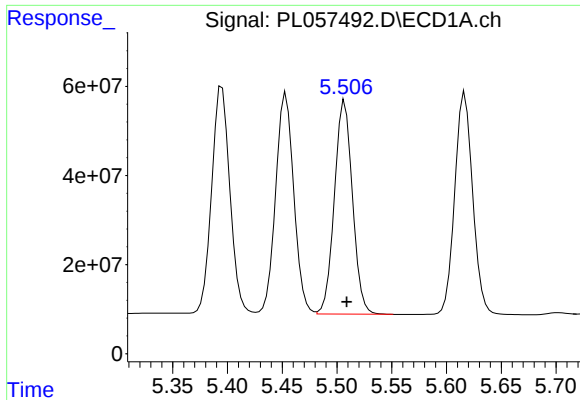
#8 Heptachlor epoxide

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 595360123
Conc: 46.46 ng/ml



#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: -0.002 min
Response: 138175838
Conc: 50.64 ng/ml



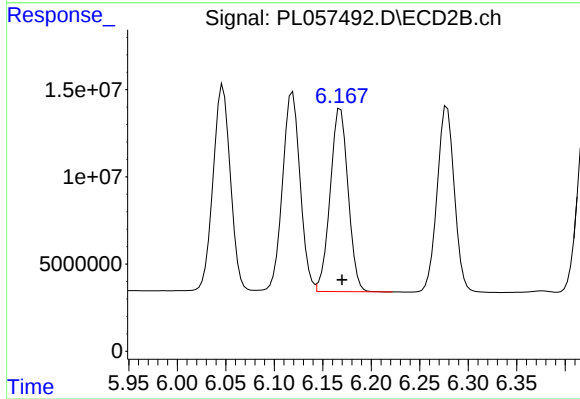
#9 Endosulfan I

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 549745917
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MS

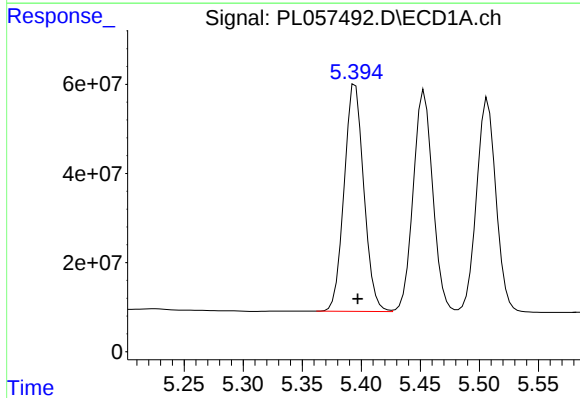
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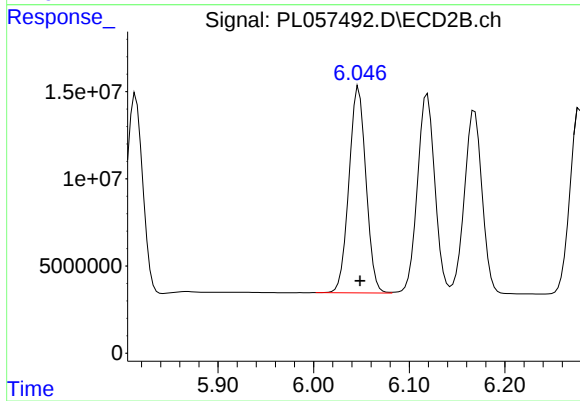
#9 Endosulfan I

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 134934254
Conc: 47.42 ng/ml



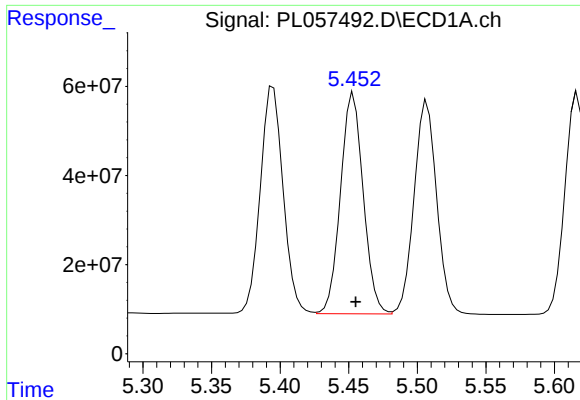
#10 gamma-Chlordane

R.T.: 5.395 min
Delta R.T.: -0.002 min
Response: 590437946
Conc: 45.28 ng/ml



#10 gamma-Chlordane

R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 146666671
Conc: 47.59 ng/ml



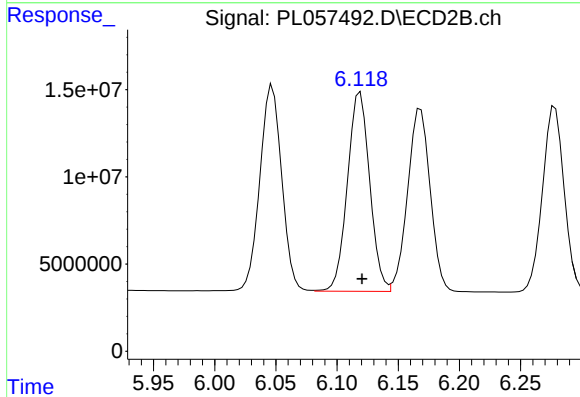
#11 alpha-Chlordane

R.T.: 5.454 min
Delta R.T.: -0.001 min
Response: 571733987
Conc: 44.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MS

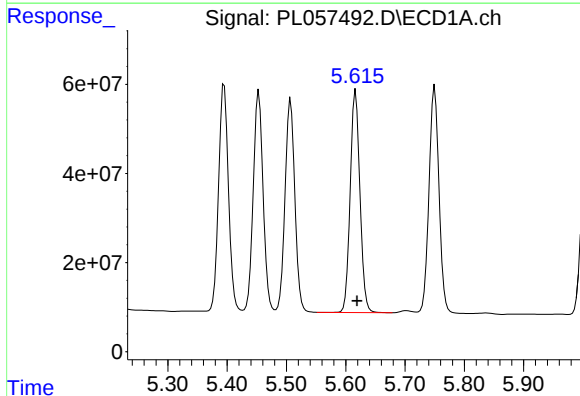
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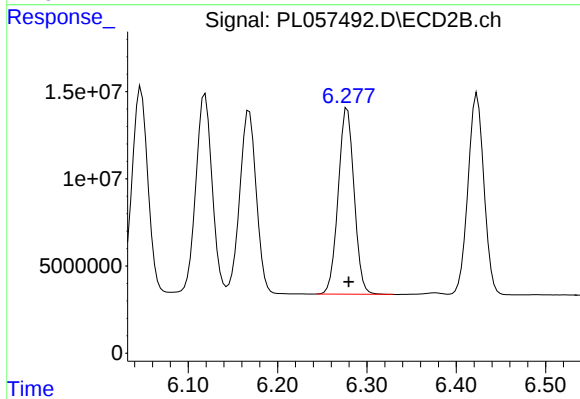
#11 alpha-Chlordane

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 144695778
Conc: 46.49 ng/ml



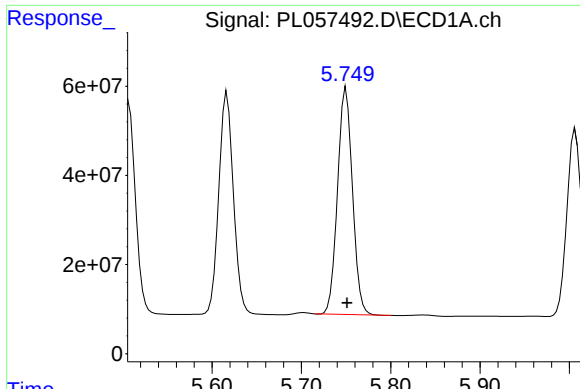
#12 4,4'-DDE

R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 569468711
Conc: 45.72 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min
Delta R.T.: -0.001 min
Response: 131771572
Conc: 46.36 ng/ml



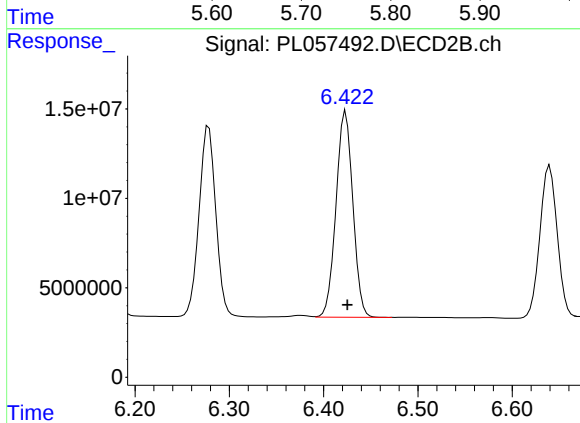
#13 Dieldrin

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 589248469
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MS

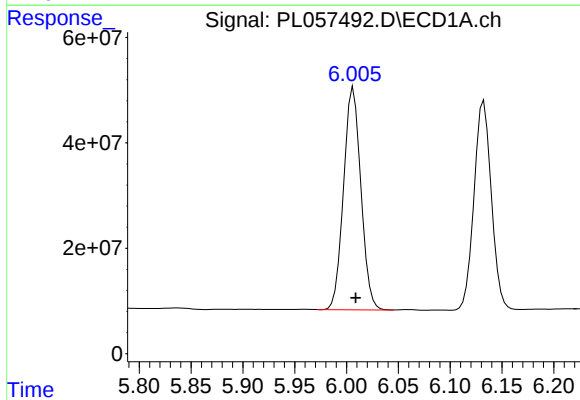
Manual Integrations
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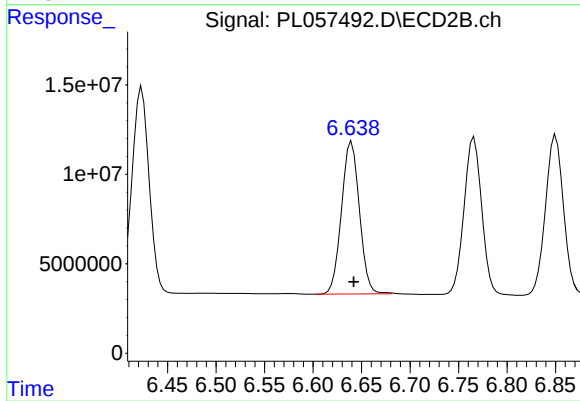
#13 Dieldrin

R.T.: 6.423 min
Delta R.T.: -0.002 min
Response: 142864558
Conc: 48.30 ng/ml



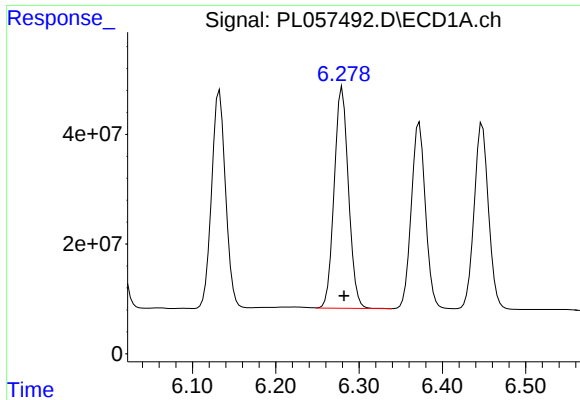
#14 Endrin

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 490801518
Conc: 42.93 ng/ml



#14 Endrin

R.T.: 6.640 min
Delta R.T.: -0.002 min
Response: 109627669
Conc: 45.44 ng/ml



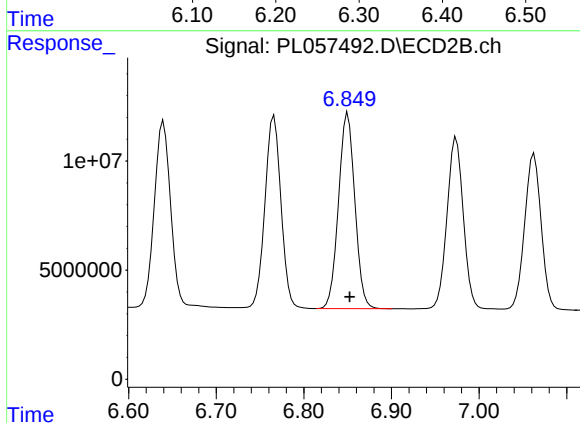
#15 Endosulfan II

R.T.: 6.280 min
Delta R.T.: -0.002 min
Response: 480381774
Conc: 44.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MS

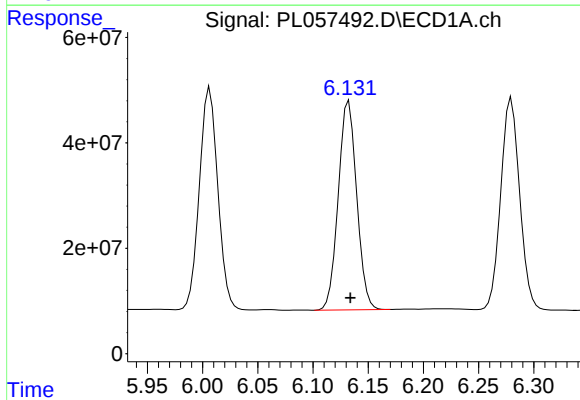
Manual Integrations
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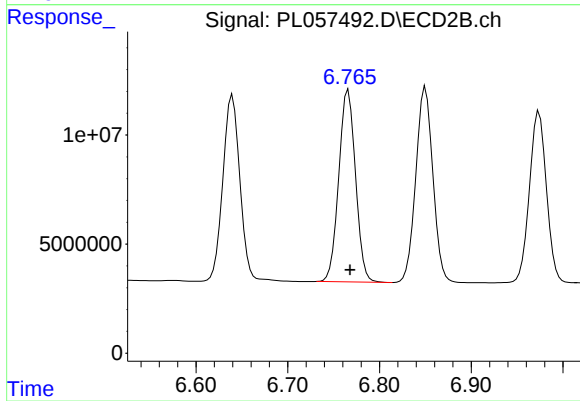
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: -0.002 min
Response: 116207527
Conc: 44.24 ng/ml



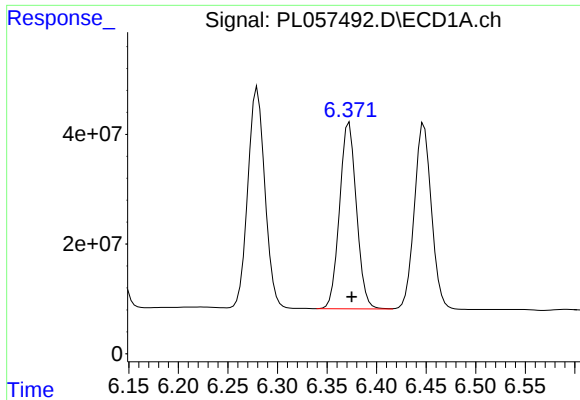
#16 4,4'-DDD

R.T.: 6.133 min
Delta R.T.: -0.001 min
Response: 460678465
Conc: 47.00 ng/ml



#16 4,4'-DDD

R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 111848970
Conc: 48.98 ng/ml



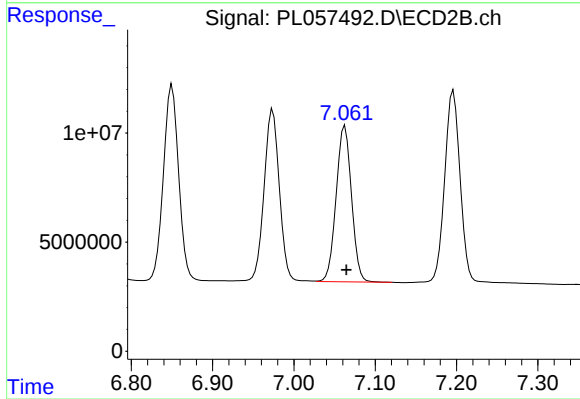
#17 4,4'-DDT

R.T.: 6.372 min
Delta R.T.: -0.003 min
Response: 402748024
Conc: 40.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MS

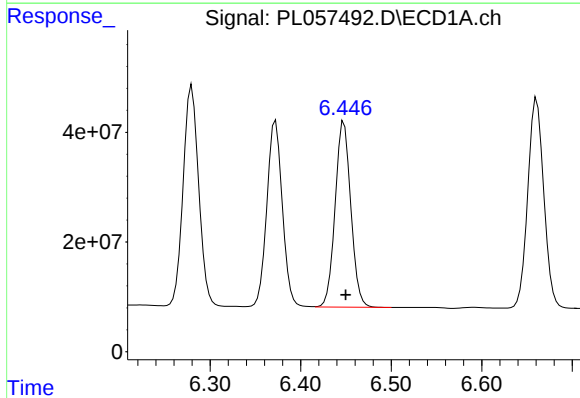
Manual Integrations
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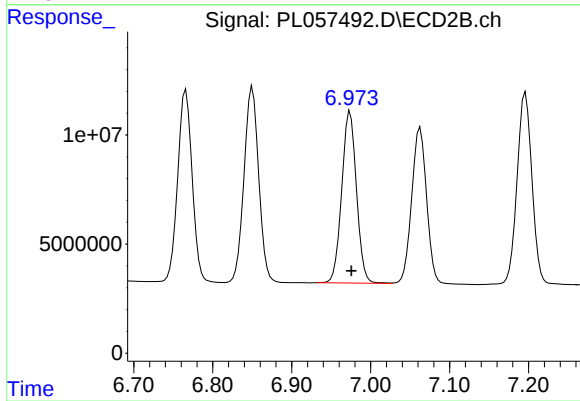
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.002 min
Response: 93857592
Conc: 41.21 ng/ml



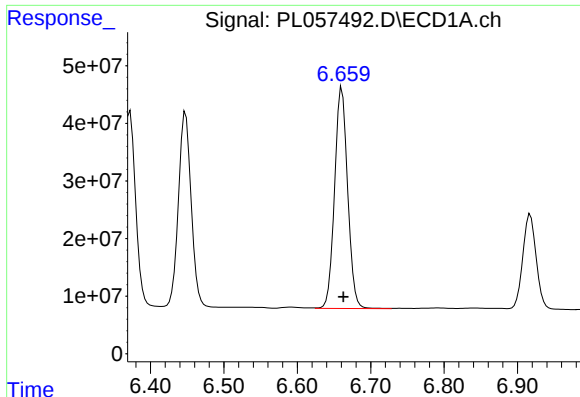
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 406747295
Conc: 44.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.974 min
Delta R.T.: -0.002 min
Response: 102104438
Conc: 45.93 ng/ml



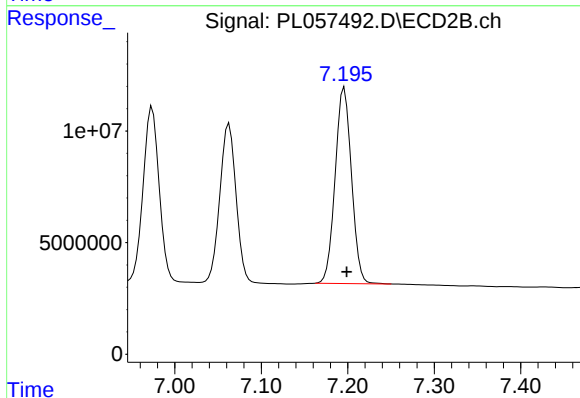
#19 Endosulfan Sulfate

R.T.: 6.661 min
Delta R.T.: -0.002 min
Response: 475245219
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MS

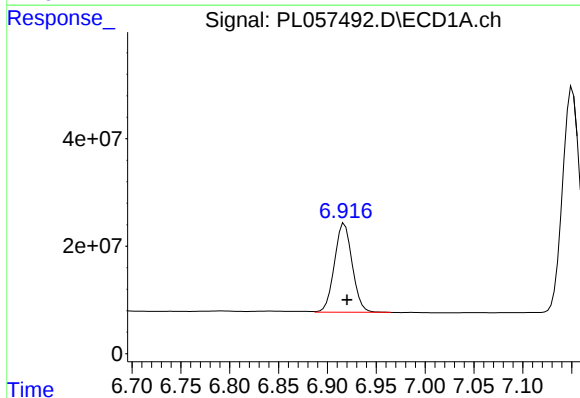
Manual Integrations
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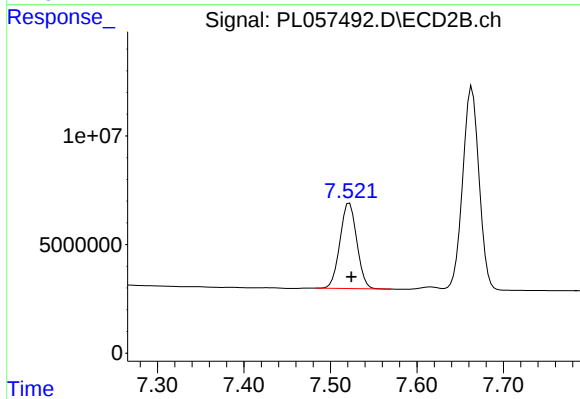
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: -0.003 min
Response: 114497419
Conc: 46.94 ng/ml



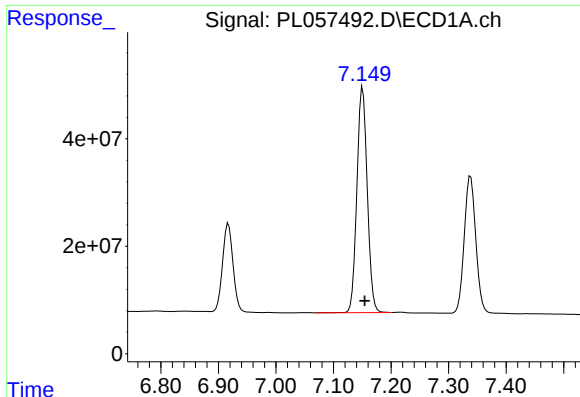
#20 Methoxychlor

R.T.: 6.917 min
Delta R.T.: -0.003 min
Response: 209150458
Conc: 38.98 ng/ml



#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: -0.002 min
Response: 52944907
Conc: 40.71 ng/ml



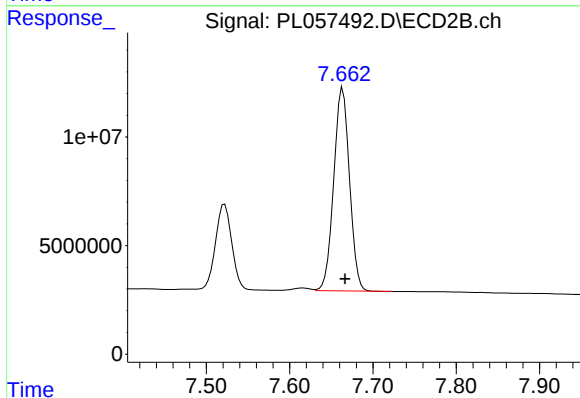
#21 Endrin ketone

R.T.: 7.151 min
Delta R.T.: -0.003 min
Response: 530652152
Conc: 46.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MS

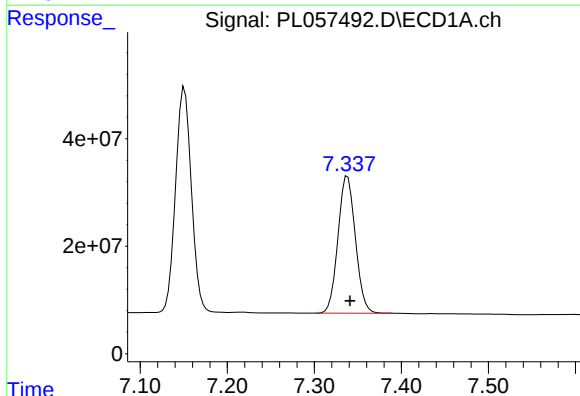
Manual Integrations
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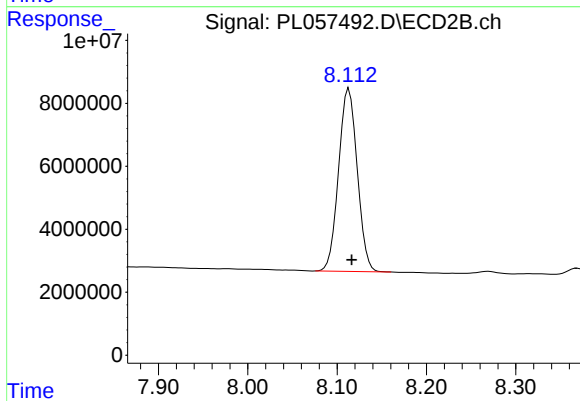
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: -0.003 min
Response: 123210318
Conc: 47.60 ng/ml



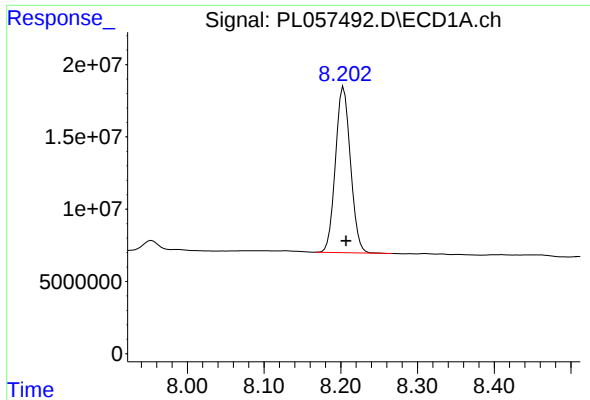
#22 Mirex

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 354758108
Conc: 43.80 ng/ml



#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.003 min
Response: 84344292
Conc: 44.17 ng/ml



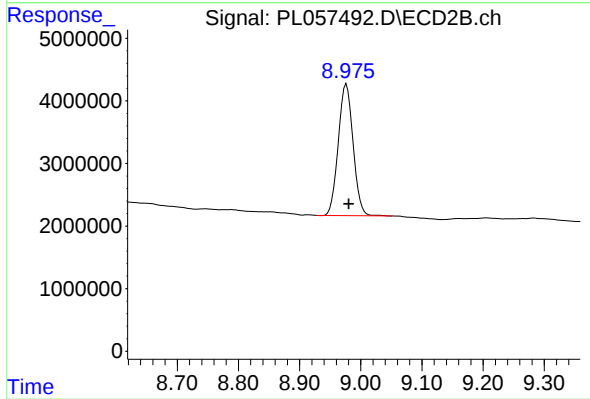
#28 Decachlorobiphenyl

R.T.: 8.204 min
Delta R.T.: -0.003 min
Response: 155971784
Conc: 14.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MS

Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:18 PM



#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: -0.004 min
Response: 35394534
Conc: 15.96 ng/ml