

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092019\
 Data File : PL052657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2019 16:05
 Operator : SG\AJ
 Sample : K4662-15MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CL-02-091819MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 22:44:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 17 11:25:25 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...	3.552	4.047	162.8E6	52007889	20.883	23.868
2)	SA Decachlor...	8.351	9.123	158.8E6	53195548	18.162	22.214
Target Compounds							
2)	A alpha-BHC	3.997	4.438	804.0E6	218.9E6	66.874	71.620
3)	MA gamma-BHC...	4.284	4.723	731.7E6	206.6E6	64.674	71.557
4)	MA Heptachlor	4.593	5.233	750.3E6	216.4E6	66.402	73.736
5)	MB Aldrin	4.846	5.538	716.5E6	202.4E6	66.350	76.413
6)	B beta-BHC	4.533	4.891	305.0E6	97526357	62.317	73.127
7)	B delta-BHC	4.743	5.109	678.9E6	195.2E6	60.074	68.175
8)	B Heptachlo...	5.292	5.924	648.3E6	186.4E6	63.452	71.065
9)	A Endosulfan I	5.635	6.281	608.0E6	170.5E6	62.318	73.129
10)	B gamma-Chl...	5.522	6.158	670.8E6	184.3E6	63.166	72.455
11)	B alpha-Chl...	5.580	6.230	648.2E6	181.2E6	62.701	72.551
12)	B 4,4'-DDE	5.745	6.386	600.8E6	181.1E6	64.384	74.296
13)	MA Dieldrin	5.880	6.537	658.7E6	181.2E6	63.548	74.212
14)	MA Endrin	6.139	6.755	546.8E6	138.6E6	66.142	71.609
15)	B Endosulfa...	6.412	6.964	553.4E6	152.7E6	57.057	68.405
16)	A 4,4'-DDD	6.263	6.876	487.8E6	136.5E6	63.694	74.111
17)	MA 4,4'-DDT	6.506	7.173	505.9E6	136.5E6	65.181	74.625m
18)	B Endrin al...	6.580	7.087	457.6E6	128.9E6	59.188	69.465
19)	B Endosulfa...	6.794	7.310	493.2E6	149.4E6	59.453	72.730
20)	A Methoxychlor	7.053	7.631	251.5E6	73340559	62.218	72.377
21)	B Endrin ke...	7.289	7.781	589.4E6	158.3E6	56.766	71.262 #
22)	Mirex	7.485	8.236	407.5E6	110.9E6	53.288	64.827

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092019\
Data File : PL052657.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Sep 2019 16:05
Operator : SG\AJ
Sample : K4662-15MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

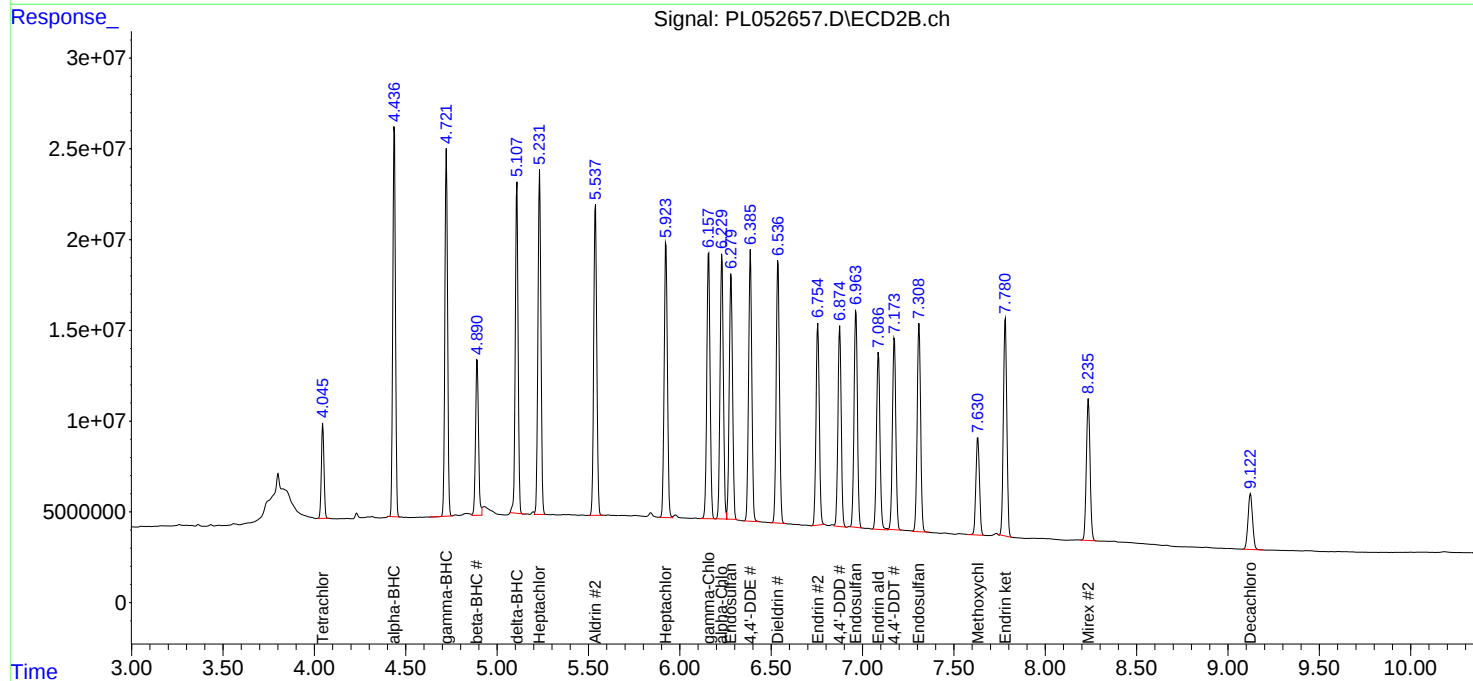
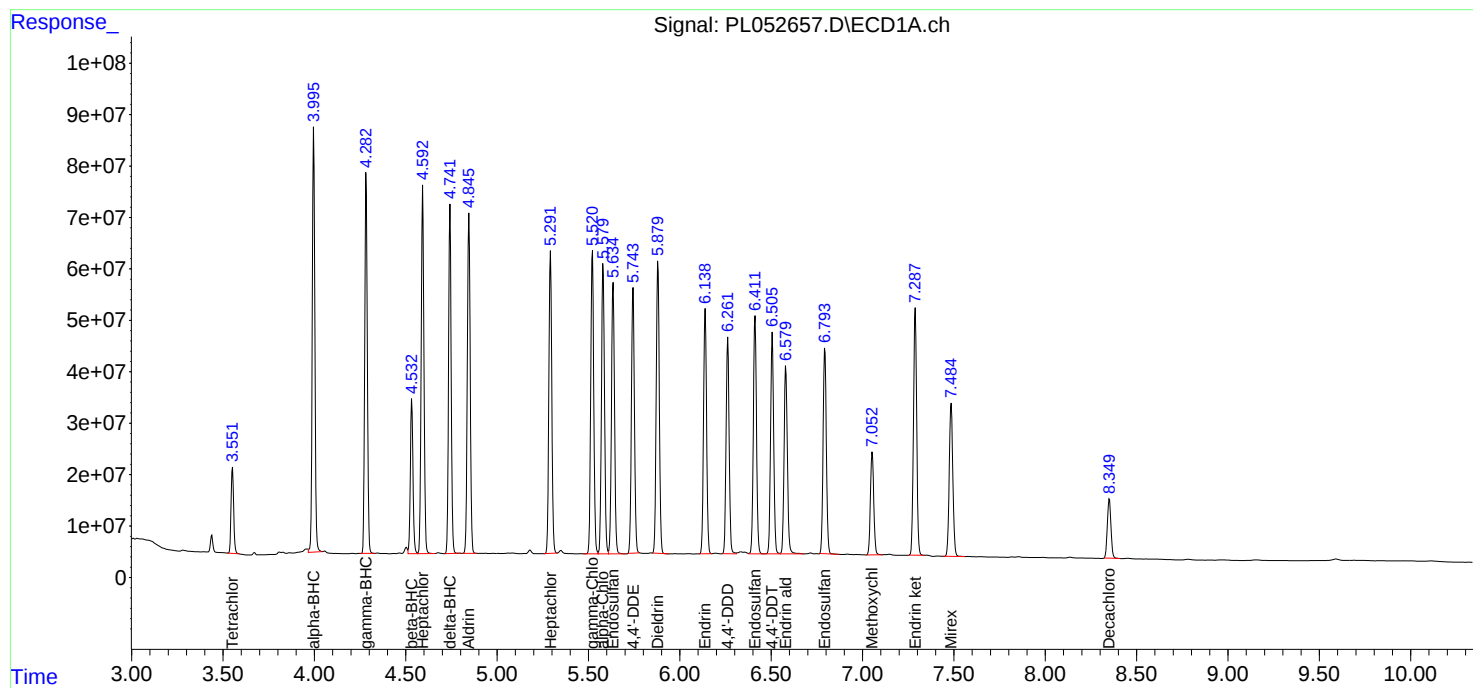
Instrument :
ECD_L
ClientSampleId :
CL-02-091819MSD

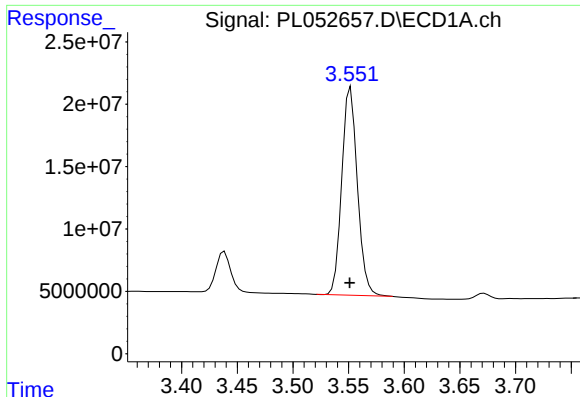
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 20 22:44:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 11:25:25 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





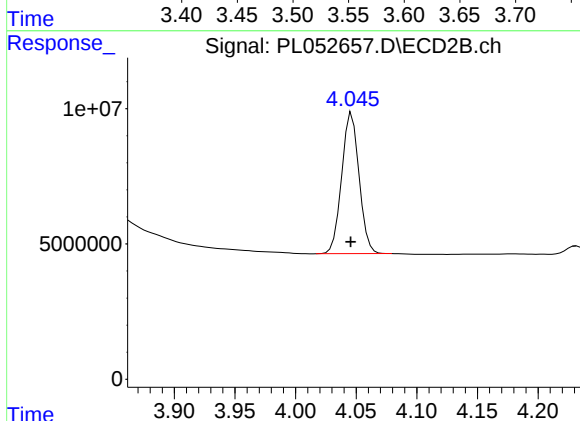
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 162842107
Conc: 20.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-091819MSD

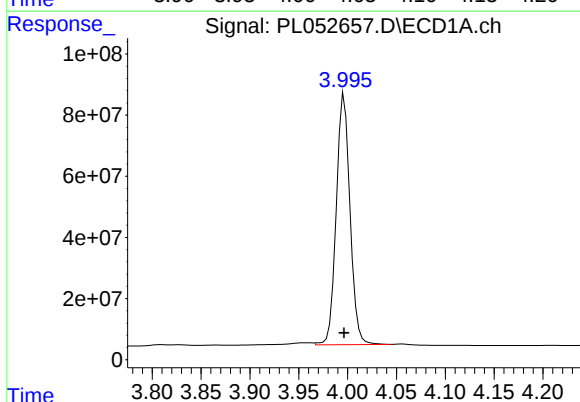
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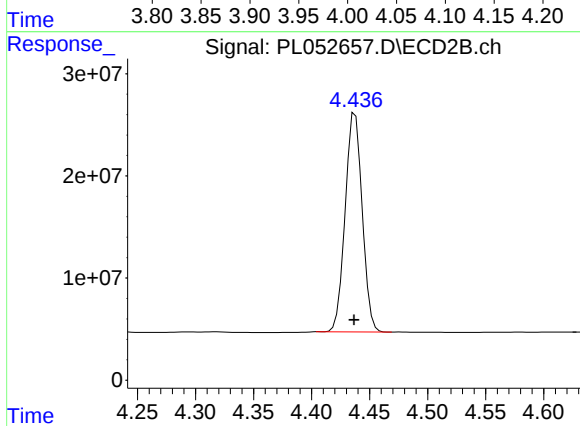
#1 Tetrachloro-m-xylene

R.T.: 4.047 min
Delta R.T.: 0.001 min
Response: 52007889
Conc: 23.87 ng/ml



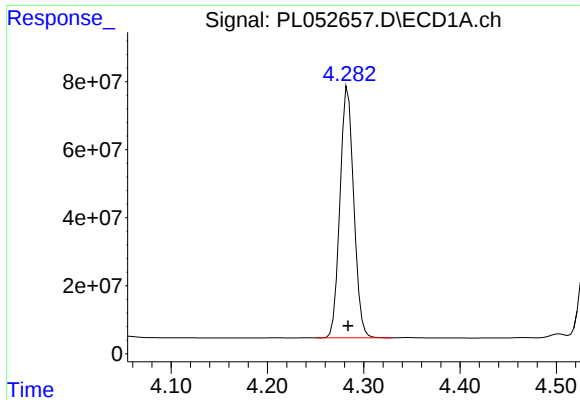
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 803994488
Conc: 66.87 ng/ml



#2 alpha-BHC

R.T.: 4.438 min
Delta R.T.: 0.001 min
Response: 218914396
Conc: 71.62 ng/ml



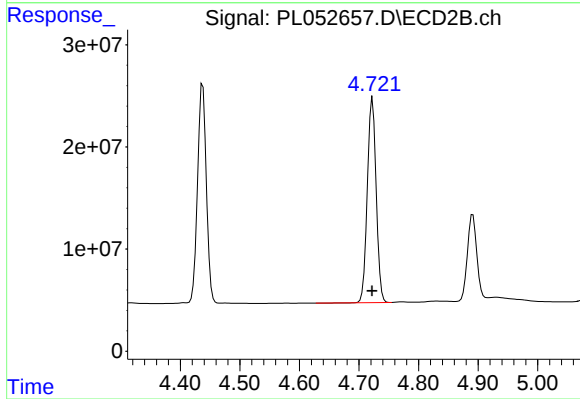
#3 gamma-BHC (Lindane)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 731739244
Conc: 64.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-091819MSD

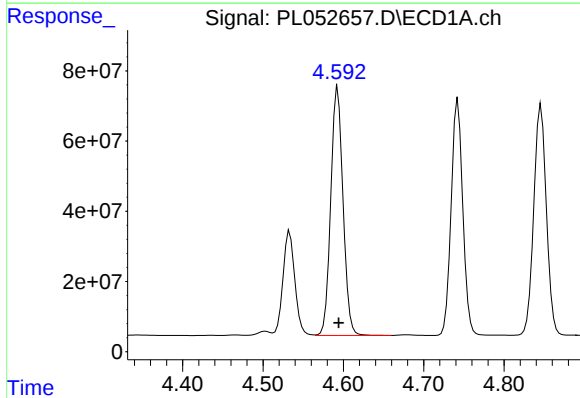
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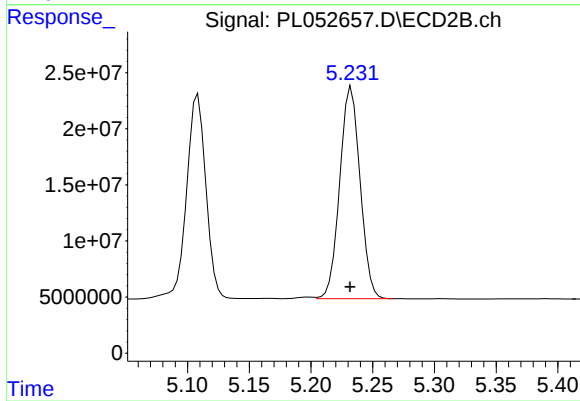
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 206621457
Conc: 71.56 ng/ml



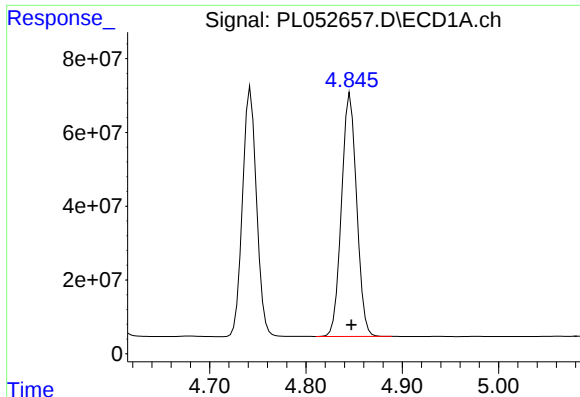
#4 Heptachlor

R.T.: 4.593 min
Delta R.T.: -0.001 min
Response: 750275625
Conc: 66.40 ng/ml



#4 Heptachlor

R.T.: 5.233 min
Delta R.T.: 0.001 min
Response: 216400458
Conc: 73.74 ng/ml



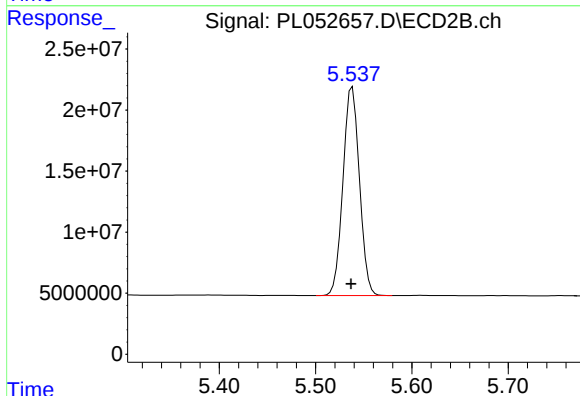
#5 Aldrin

R.T.: 4.846 min
Delta R.T.: -0.001 min
Response: 716488250
Conc: 66.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-091819MSD

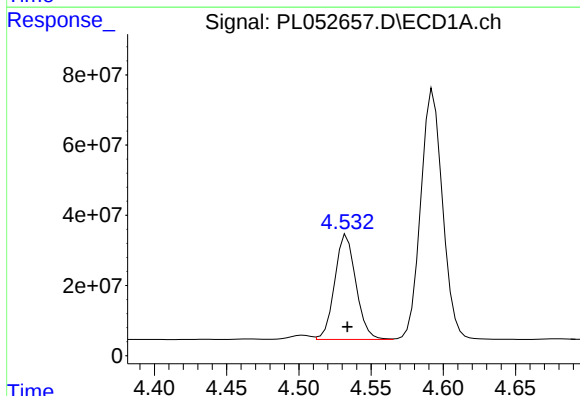
Manual Integrations
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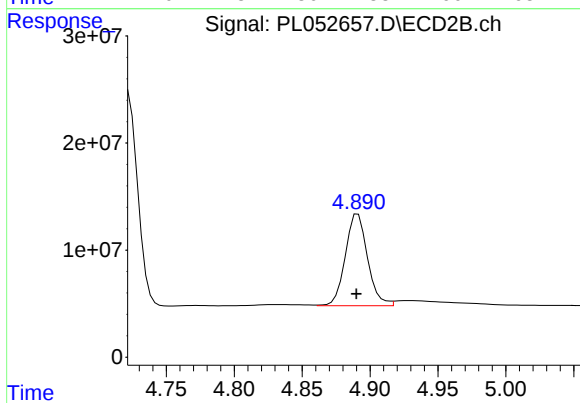
#5 Aldrin

R.T.: 5.538 min
Delta R.T.: 0.001 min
Response: 202400871
Conc: 76.41 ng/ml



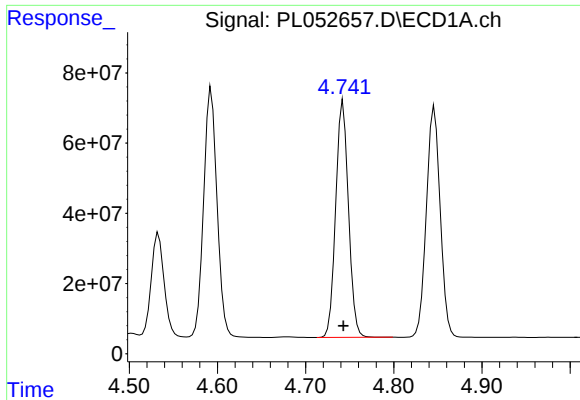
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 304967151
Conc: 62.32 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: 0.001 min
Response: 97526357
Conc: 73.13 ng/ml



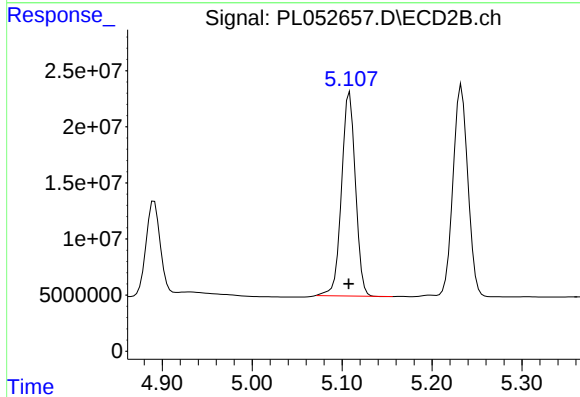
#7 delta-BHC

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 678869090
Conc: 60.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-091819MSD

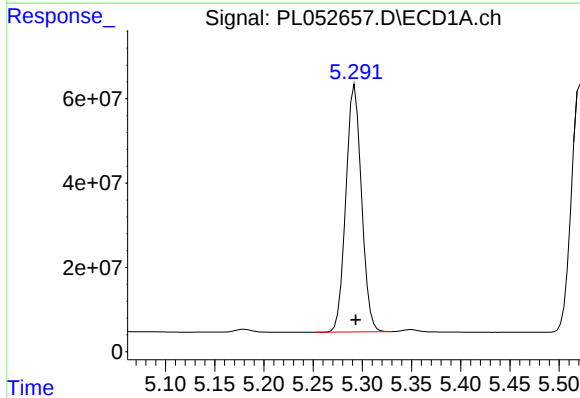
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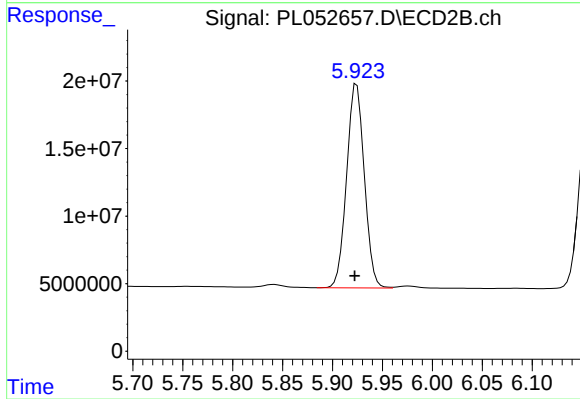
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.001 min
Response: 195175009
Conc: 68.18 ng/ml



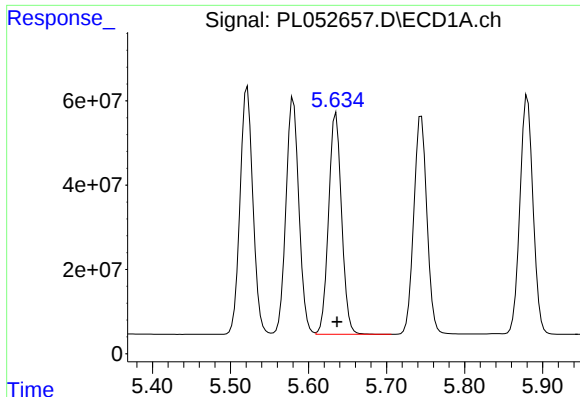
#8 Heptachlor epoxide

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 648304906
Conc: 63.45 ng/ml



#8 Heptachlor epoxide

R.T.: 5.924 min
Delta R.T.: 0.002 min
Response: 186365598
Conc: 71.06 ng/ml



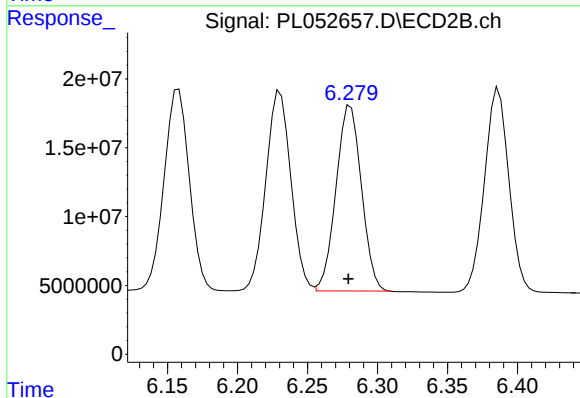
#9 Endosulfan I

R.T.: 5.635 min
Delta R.T.: -0.001 min
Response: 607950916
Conc: 62.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-091819MSD

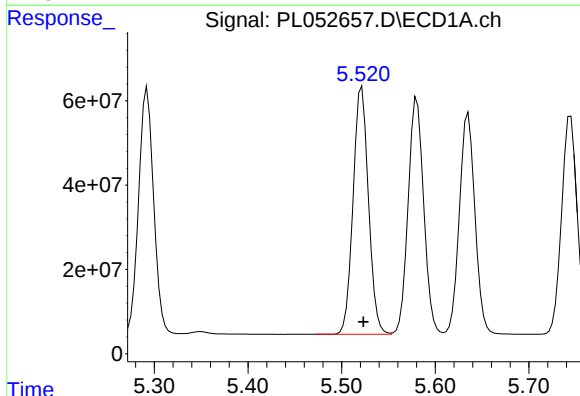
Manual Integrations
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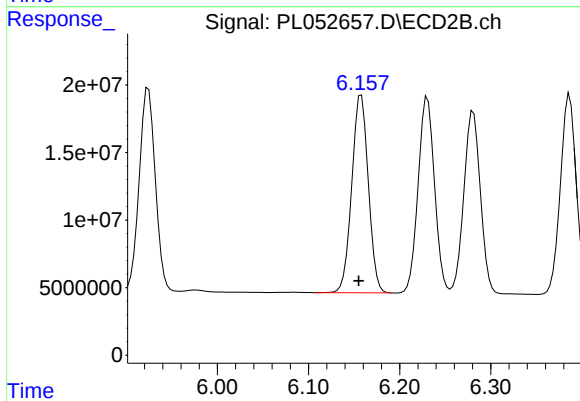
#9 Endosulfan I

R.T.: 6.281 min
Delta R.T.: 0.002 min
Response: 170479783
Conc: 73.13 ng/ml



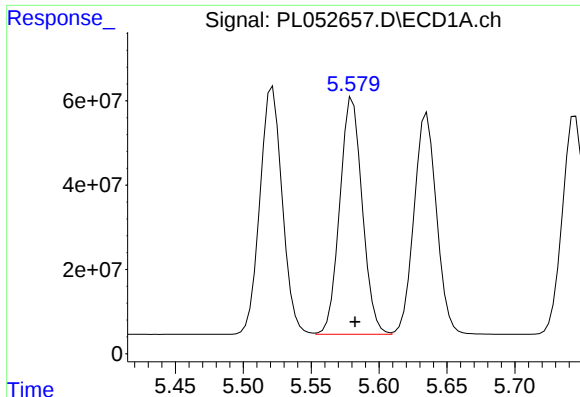
#10 gamma-Chlordane

R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 670837126
Conc: 63.17 ng/ml



#10 gamma-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.003 min
Response: 184324787
Conc: 72.45 ng/ml



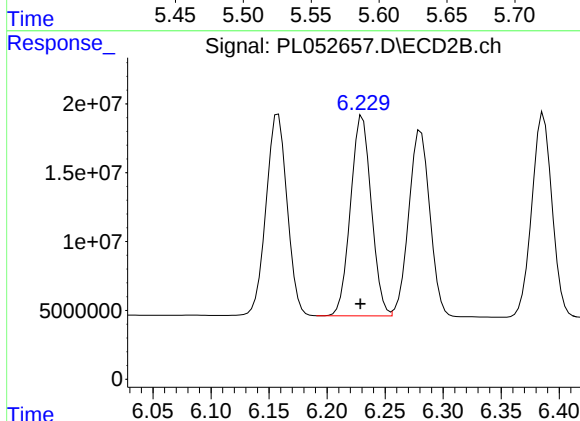
#11 alpha-Chlordane

R.T.: 5.580 min
Delta R.T.: -0.002 min
Response: 648159847
Conc: 62.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-091819MSD

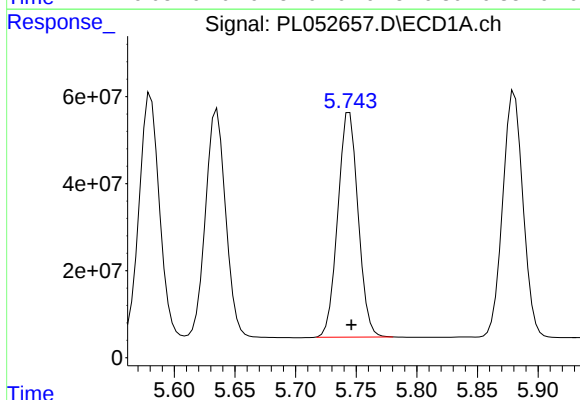
Manual Integrations
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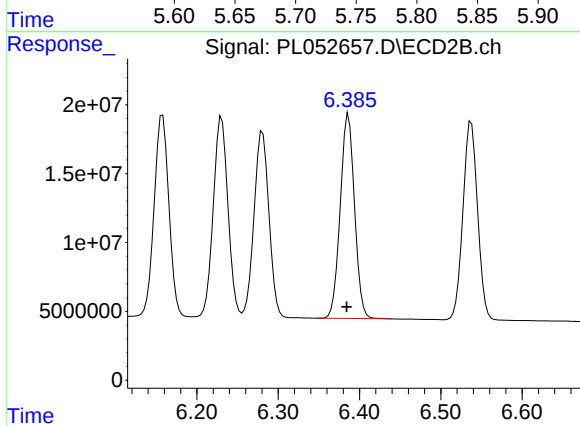
#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 181237103
Conc: 72.55 ng/ml



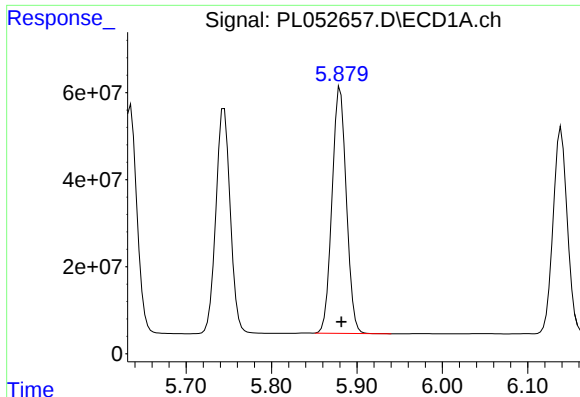
#12 4,4'-DDE

R.T.: 5.745 min
Delta R.T.: -0.002 min
Response: 600775650
Conc: 64.38 ng/ml



#12 4,4'-DDE

R.T.: 6.386 min
Delta R.T.: 0.002 min
Response: 181135364
Conc: 74.30 ng/ml



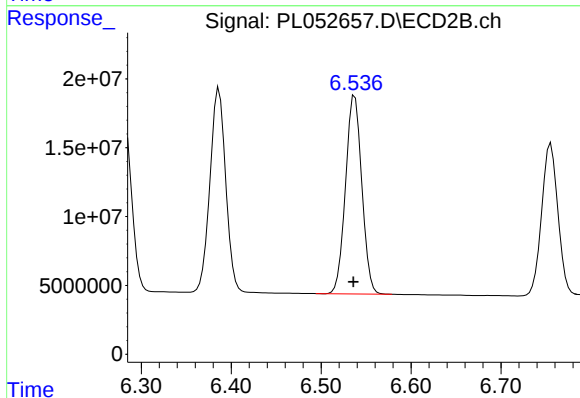
#13 Dieldrin

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 658740627
Conc: 63.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-091819MSD

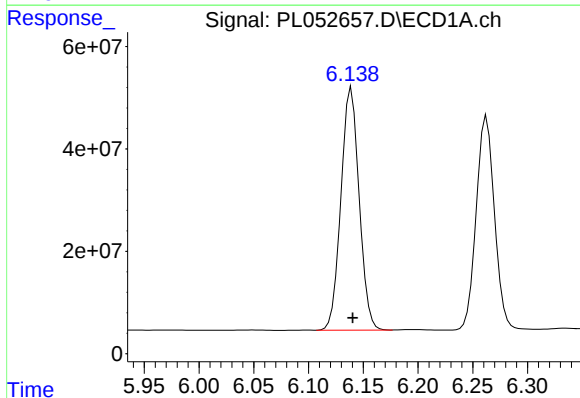
Manual Integrations
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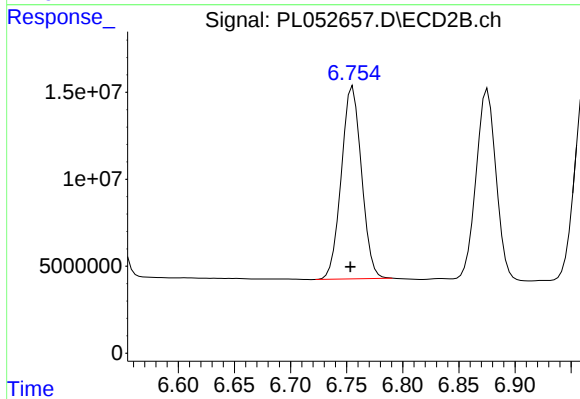
#13 Dieldrin

R.T.: 6.537 min
Delta R.T.: 0.001 min
Response: 181232623
Conc: 74.21 ng/ml



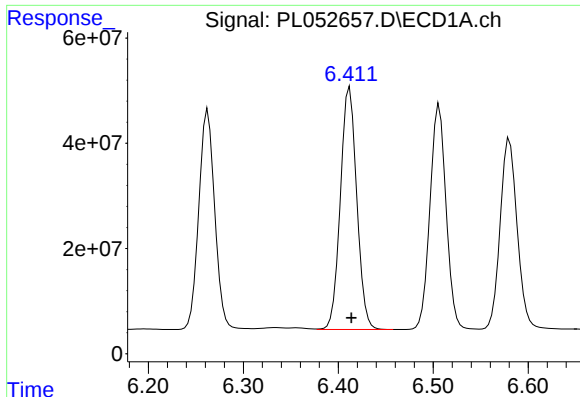
#14 Endrin

R.T.: 6.139 min
Delta R.T.: -0.001 min
Response: 546841742
Conc: 66.14 ng/ml



#14 Endrin

R.T.: 6.755 min
Delta R.T.: 0.002 min
Response: 138604004
Conc: 71.61 ng/ml



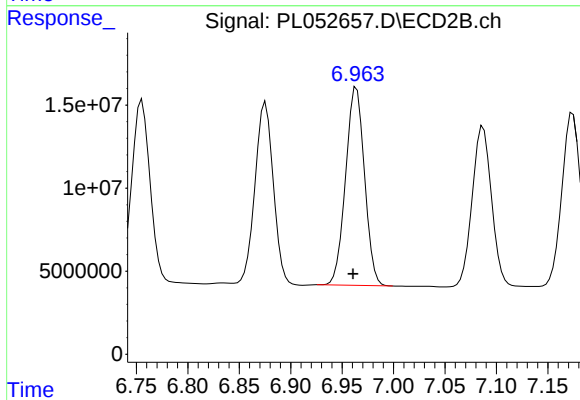
#15 Endosulfan II

R.T.: 6.412 min
Delta R.T.: -0.002 min
Response: 553448919
Conc: 57.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-091819MSD

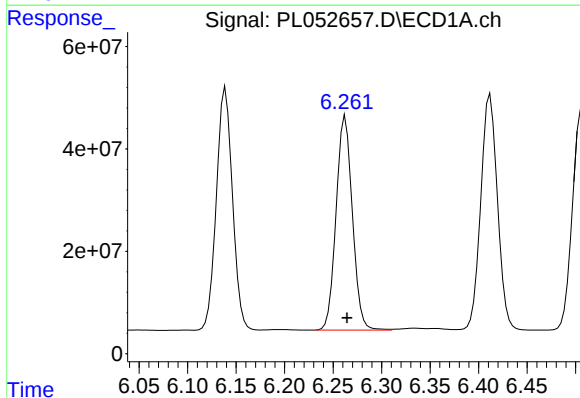
Manual Integrations
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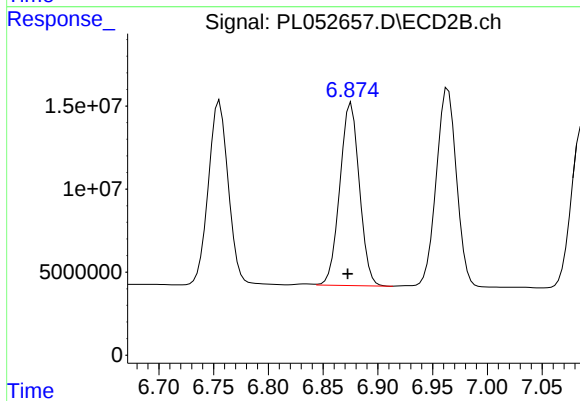
#15 Endosulfan II

R.T.: 6.964 min
Delta R.T.: 0.003 min
Response: 152693025
Conc: 68.40 ng/ml



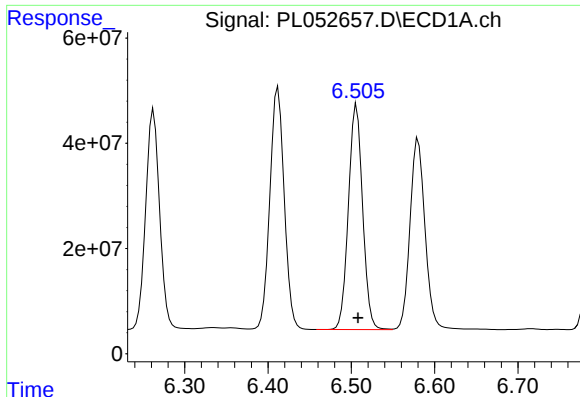
#16 4,4'-DDD

R.T.: 6.263 min
Delta R.T.: -0.002 min
Response: 487831345
Conc: 63.69 ng/ml



#16 4,4'-DDD

R.T.: 6.876 min
Delta R.T.: 0.003 min
Response: 136498145
Conc: 74.11 ng/ml



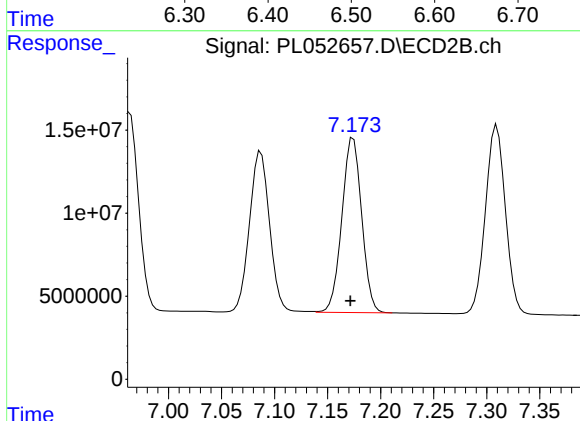
#17 4,4'-DDT

R.T.: 6.506 min
Delta R.T.: -0.002 min
Response: 505889974
Conc: 65.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-091819MSD

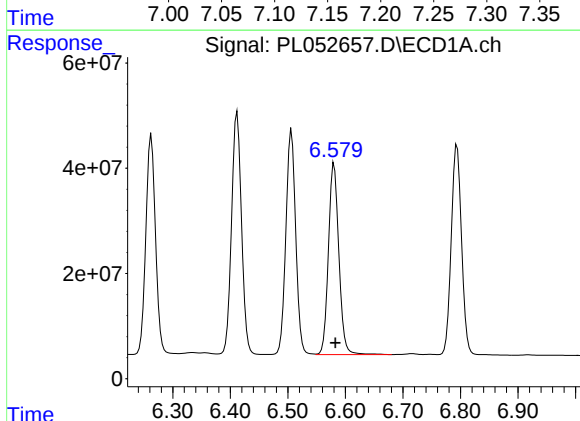
Manual Integrations
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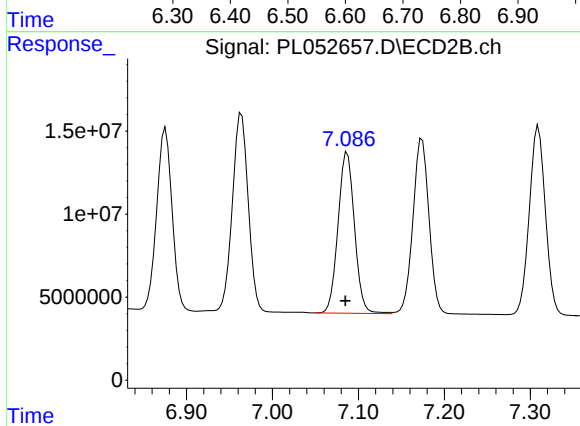
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.001 min
Response: 136495636
Conc: 74.63 ng/ml m



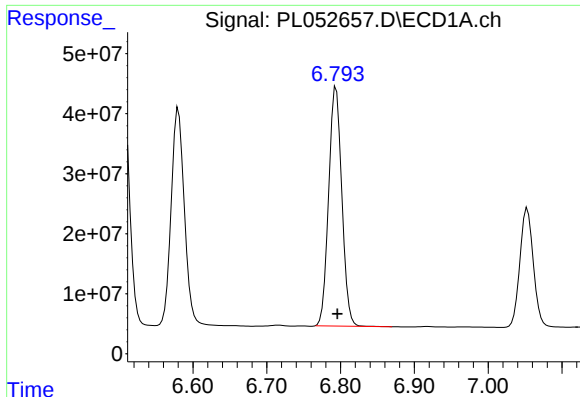
#18 Endrin aldehyde

R.T.: 6.580 min
Delta R.T.: -0.003 min
Response: 457628065
Conc: 59.19 ng/ml



#18 Endrin aldehyde

R.T.: 7.087 min
Delta R.T.: 0.002 min
Response: 128860823
Conc: 69.47 ng/ml



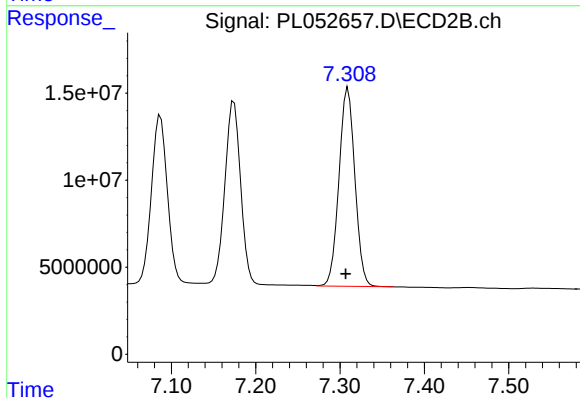
#19 Endosulfan Sulfate

R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 493158419
Conc: 59.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-091819MSD

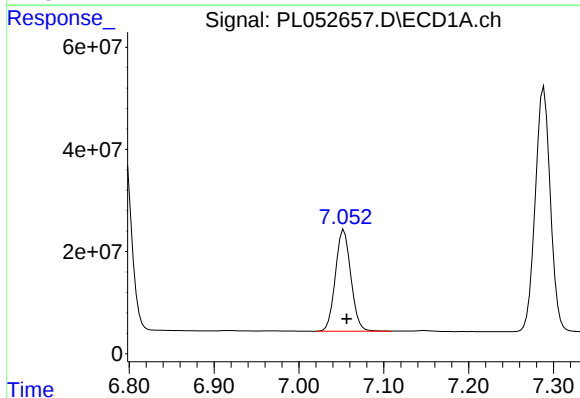
Manual Integrations
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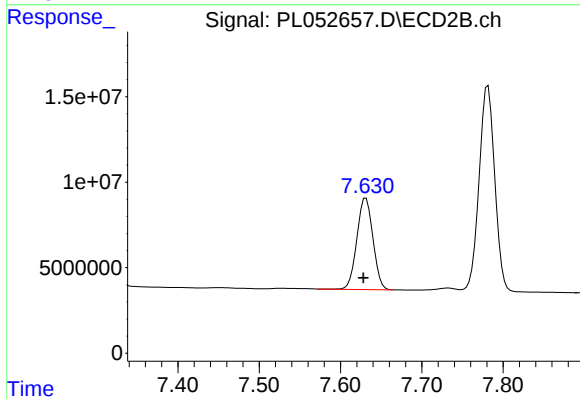
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: 0.003 min
Response: 149379165
Conc: 72.73 ng/ml



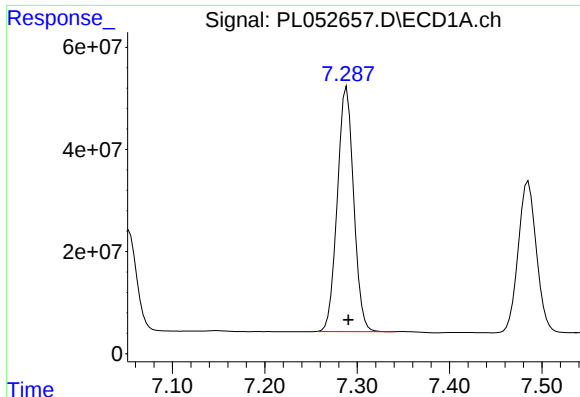
#20 Methoxychlor

R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 251548681
Conc: 62.22 ng/ml



#20 Methoxychlor

R.T.: 7.631 min
Delta R.T.: 0.003 min
Response: 73340559
Conc: 72.38 ng/ml



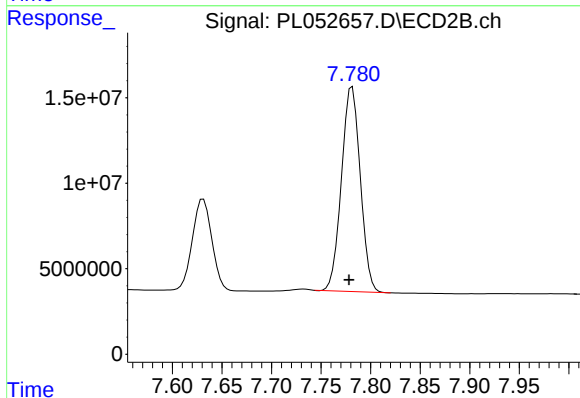
#21 Endrin ketone

R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 589416750
Conc: 56.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-091819MSD

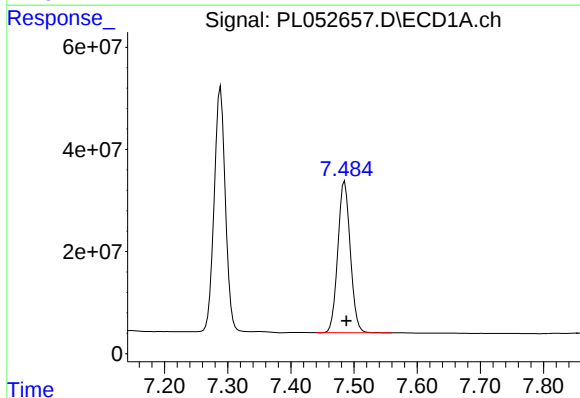
Manual Integrations
APPROVED

Ankita
9/23/2019 1:24:01 PM



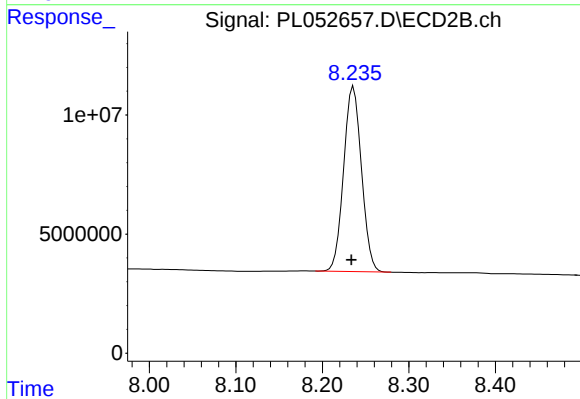
#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: 0.003 min
Response: 158251973
Conc: 71.26 ng/ml



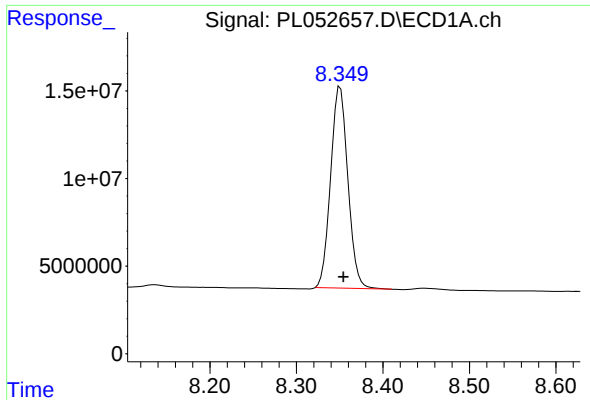
#22 Mirex

R.T.: 7.485 min
Delta R.T.: -0.003 min
Response: 407534764
Conc: 53.29 ng/ml



#22 Mirex

R.T.: 8.236 min
Delta R.T.: 0.002 min
Response: 110946749
Conc: 64.83 ng/ml



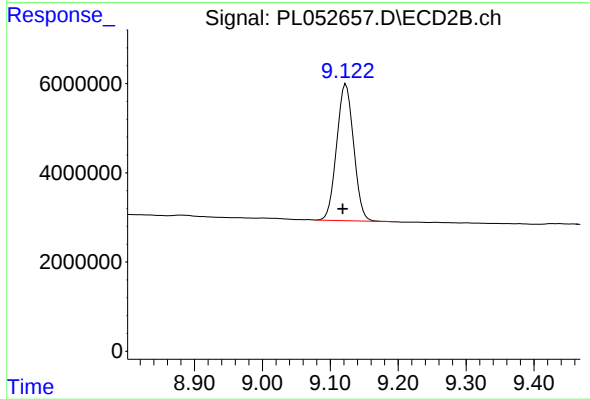
#28 Decachlorobiphenyl

R.T.: 8.351 min
Delta R.T.: -0.004 min
Response: 158818020
Conc: 18.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-091819MSD

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#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: 0.005 min
Response: 53195548
Conc: 22.21 ng/ml