

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100819\
 Data File : PL053143.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2019 12:39
 Operator : SG\AJ
 Sample : K5213-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 S-2(5-10)MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 00:39:39 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...	3.549	4.048	165.2E6	47339254	16.612	17.630
28)	SA Decachlor...	8.339	9.126	126.1E6	41828123	12.586	14.258
Target Compounds							
2)	A alpha-BHC	3.992	4.439	459.5E6	106.1E6	28.806	27.641
3)	MA gamma-BHC...	4.280	4.725	402.7E6	100.9E6	27.652	27.872
4)	MA Heptachlor	4.588	5.235	427.8E6	106.2E6	28.632	27.880
5)	MB Aldrin	4.840	5.540	440.1E6	120.4E6	31.992	34.731
6)	B beta-BHC	4.529	4.894	159.5E6	50101716	25.692m	31.875
7)	B delta-BHC	4.738	5.111	294.2E6	77388718	20.532m	21.379
8)	B Heptachlor...	5.286	5.925	488.5E6	134.3E6	37.489	40.075
9)	A Endosulfan I	5.628	6.283	342.1E6	93380053	28.191	29.875
10)	B gamma-Chl...	5.514	6.160	448.0E6	98633198	33.311	29.155
11)	B alpha-Chl...	5.574	6.233	385.9E6	87936794	29.256	26.125
12)	B 4,4'-DDE	5.737	6.392	589.2E6	196.9E6	50.761m	60.280
13)	MA Dieldrin	5.873	6.539	613.8E6	146.1E6	47.548	44.796
14)	MA Endrin	6.131	6.755	393.7E6	98546797	34.563	35.488m
15)	B Endosulfa...	6.404	6.965	421.2E6	92518907	36.752	31.183
16)	A 4,4'-DDD	6.254	6.880	267.0E6	390.8E6	29.706	159.332m#
17)	MA 4,4'-DDT	6.493	7.177	1205.4E6	72584466	118.035	27.890m#
18)	B Endrin al...	6.579	7.093	260.3E6	83938822	27.721m	34.224
19)	B Endosulfa...	6.786	7.311	459.6E6	68870298	44.158	25.223m#
20)	A Methoxychlor	7.028f	7.631	702.0E6	38422819	136.087m	27.290m#
21)	B Endrin ke...	7.281	7.784	301.4E6	94535007	25.860	33.137 #
22)	Mirex	7.475	8.239	257.7E6	156.8E6	27.288	69.711 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100819\
Data File : PL053143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Oct 2019 12:39
Operator : SG\AJ
Sample : K5213-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

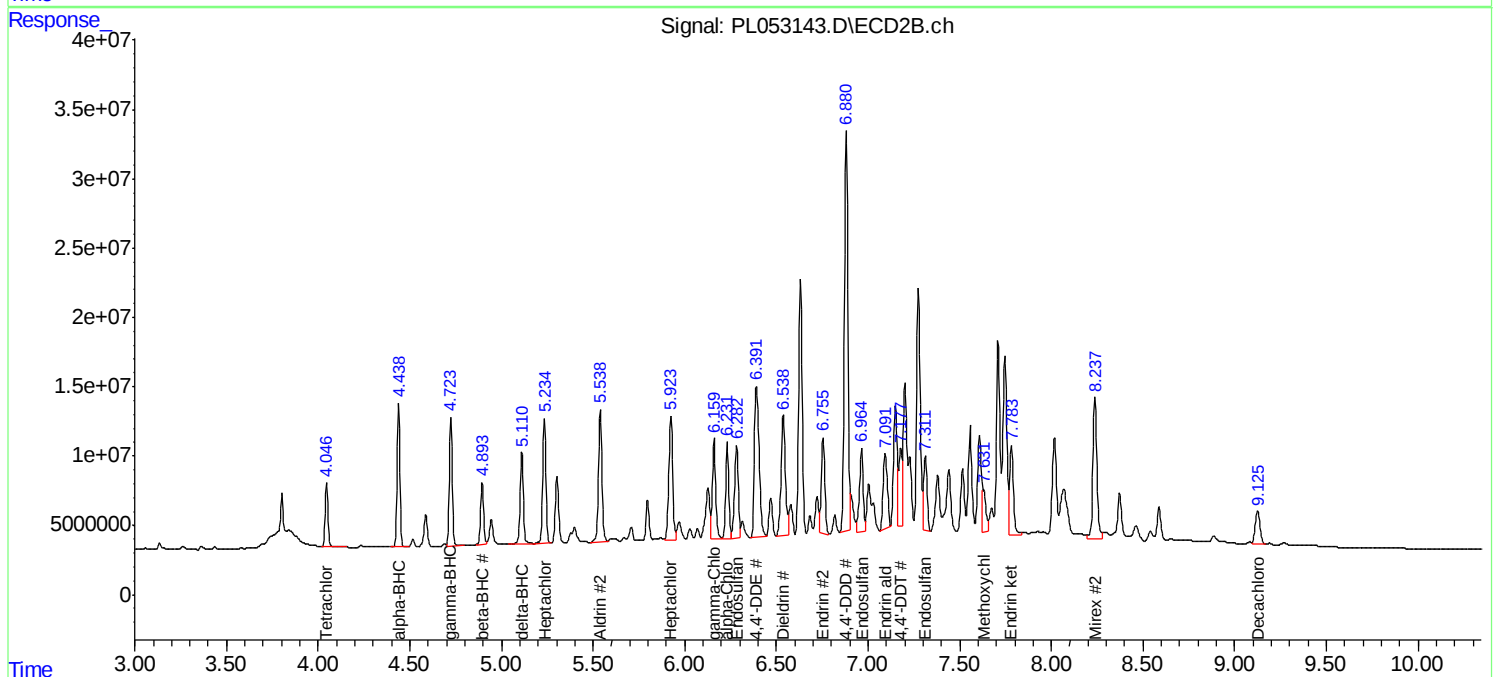
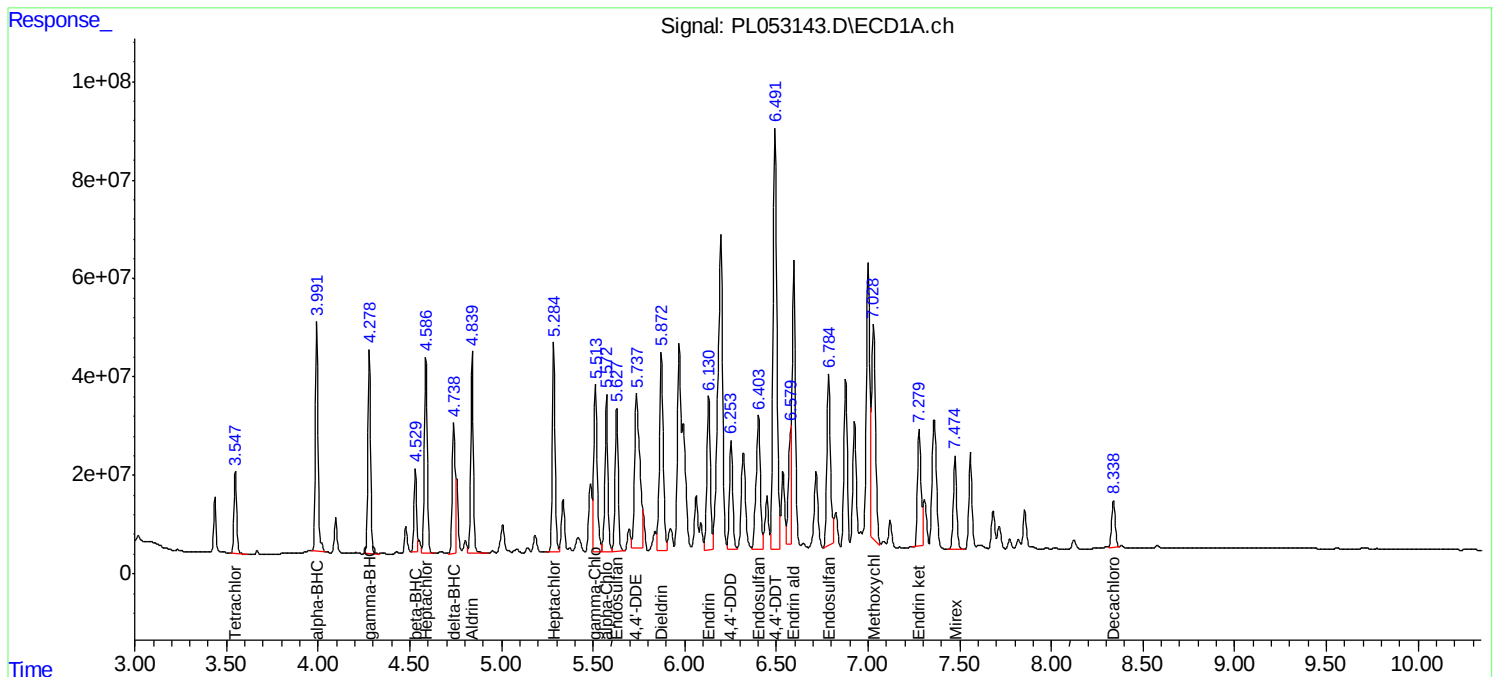
Instrument :
ECD_L
ClientSampled :
S-2(5-10)MSD

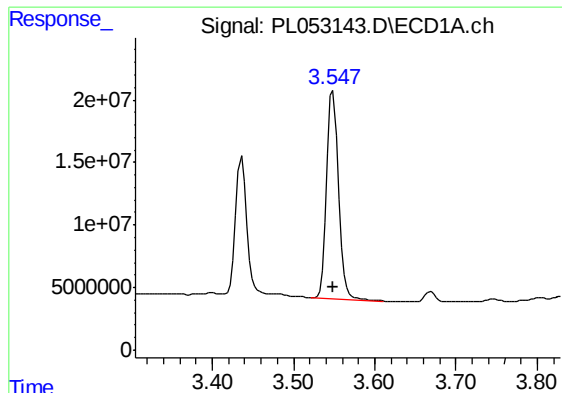
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 00:39:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 08:44:08 2019
Response 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





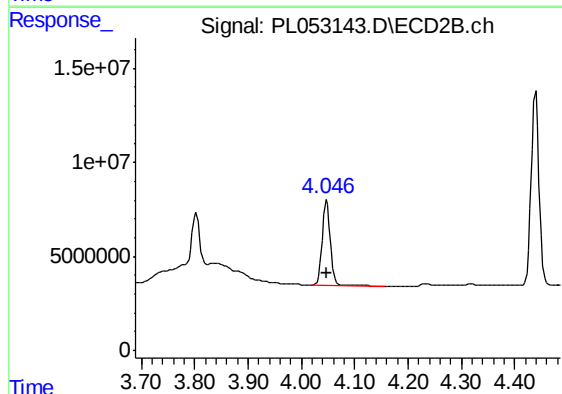
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 165233177
Conc: 16.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2(5-10)MSD

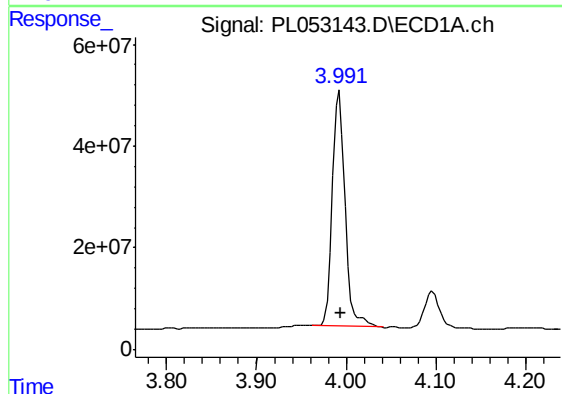
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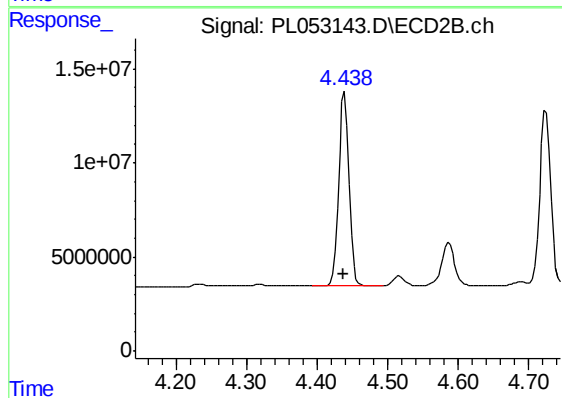
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 47339254
Conc: 17.63 ng/ml



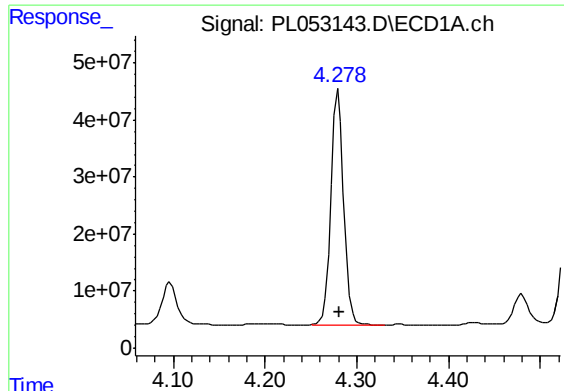
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.001 min
Response: 459478651
Conc: 28.81 ng/ml



#2 alpha-BHC

R.T.: 4.439 min
Delta R.T.: 0.001 min
Response: 106143801
Conc: 27.64 ng/ml



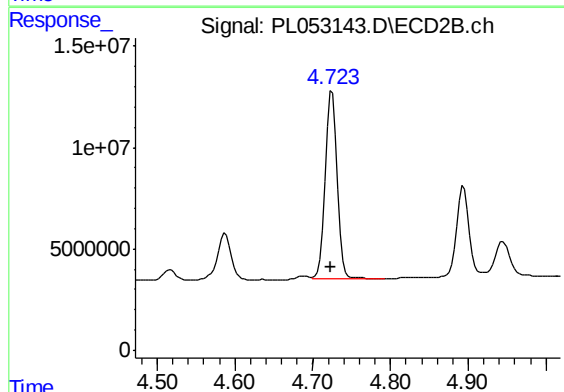
#3 gamma-BHC (Lindane)

R.T.: 4.280 min
Delta R.T.: -0.001 min
Response: 402745221
Conc: 27.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2(5-10)MSD

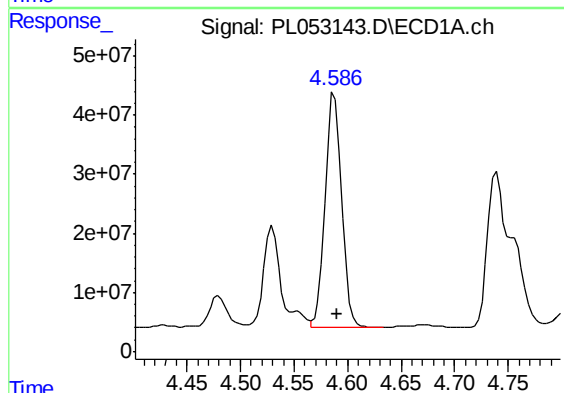
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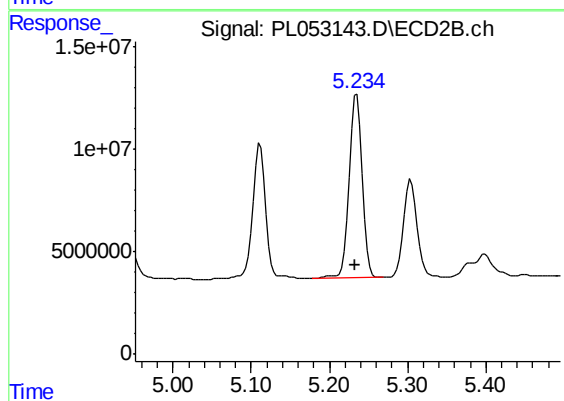
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.001 min
Response: 100929079
Conc: 27.87 ng/ml



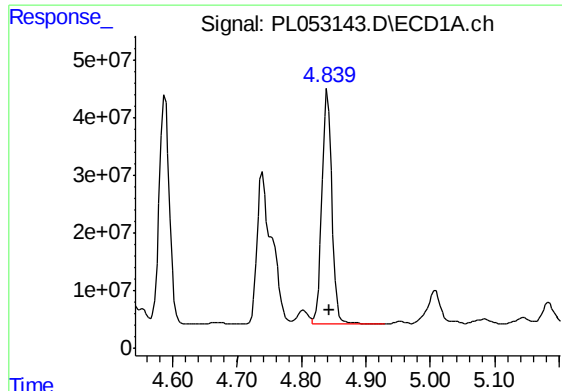
#4 Heptachlor

R.T.: 4.588 min
Delta R.T.: -0.002 min
Response: 427822846
Conc: 28.63 ng/ml



#4 Heptachlor

R.T.: 5.235 min
Delta R.T.: 0.002 min
Response: 106243297
Conc: 27.88 ng/ml



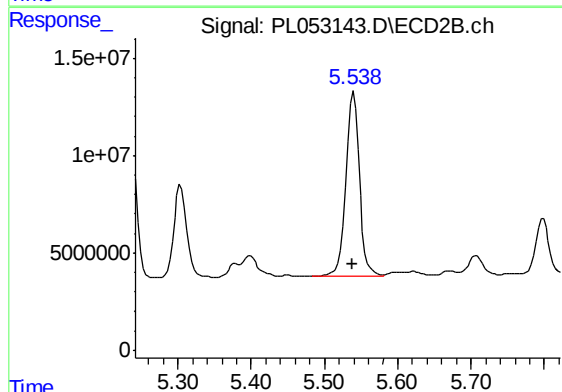
#5 Aldrin

R.T.: 4.840 min
Delta R.T.: -0.002 min
Response: 440052734
Conc: 31.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2(5-10)MSD

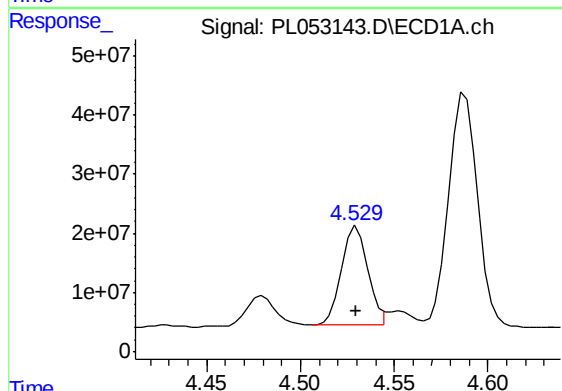
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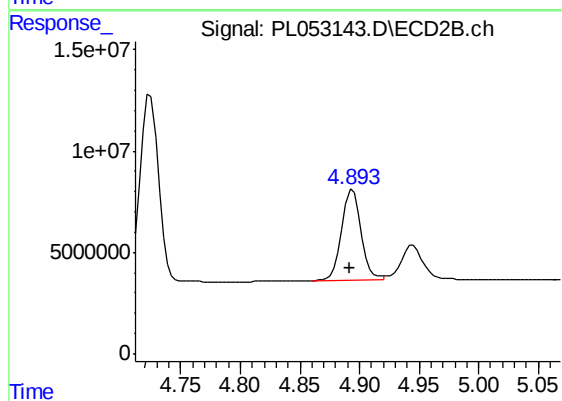
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 120365104
Conc: 34.73 ng/ml



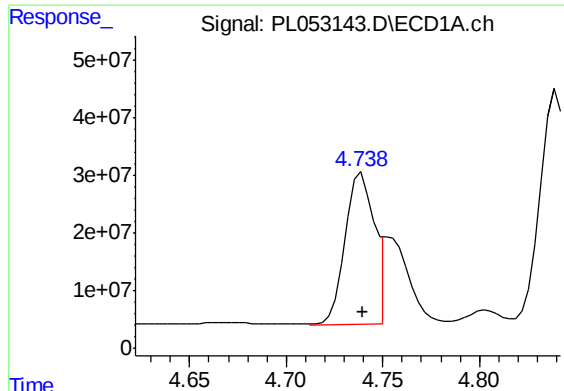
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: -0.001 min
Response: 159512984
Conc: 25.69 ng/ml m



#6 beta-BHC

R.T.: 4.894 min
Delta R.T.: 0.002 min
Response: 50101716
Conc: 31.88 ng/ml



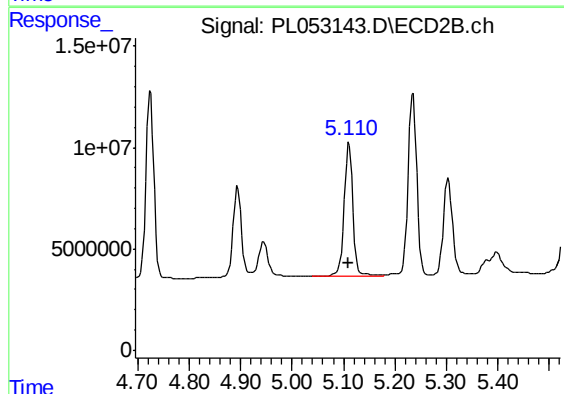
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.002 min
Response: 294206879
Conc: 20.53 ng/ml m

Instrument :
ECD_L
ClientSampleId :
S-2(5-10)MSD

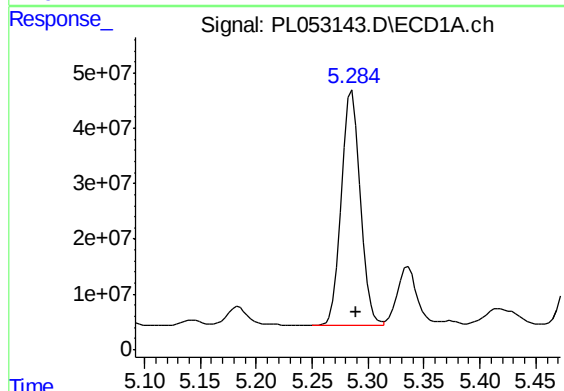
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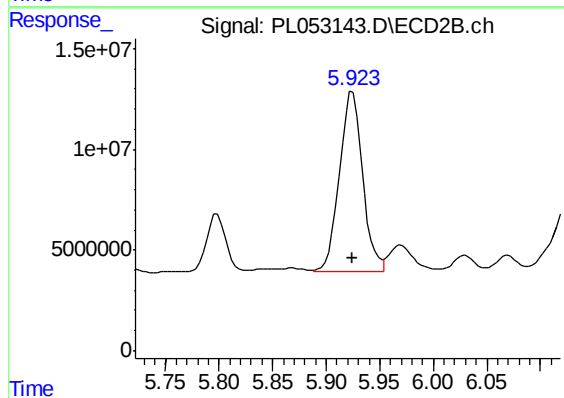
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: 0.002 min
Response: 77388718
Conc: 21.38 ng/ml



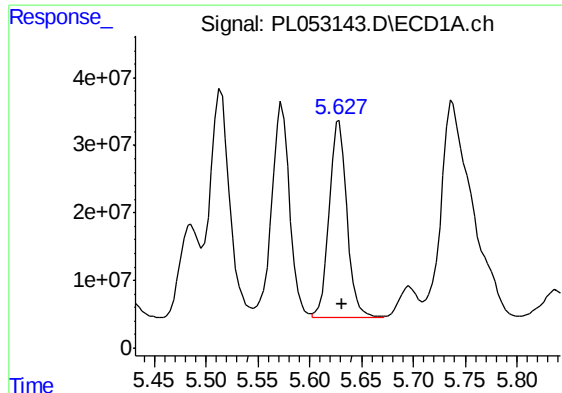
#8 Heptachlor epoxide

R.T.: 5.286 min
Delta R.T.: -0.003 min
Response: 488523845
Conc: 37.49 ng/ml



#8 Heptachlor epoxide

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 134312519
Conc: 40.08 ng/ml



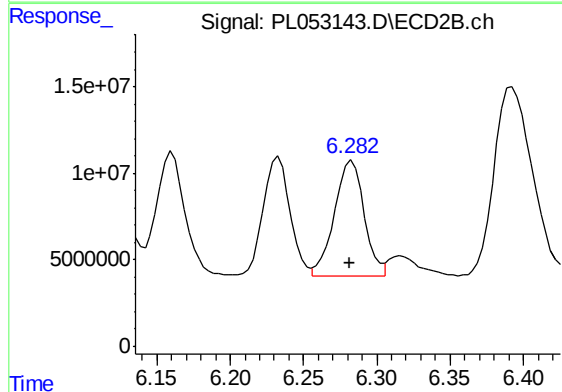
#9 Endosulfan I

R.T.: 5.628 min
Delta R.T.: -0.003 min
Response: 342117026
Conc: 28.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2(5-10)MSD

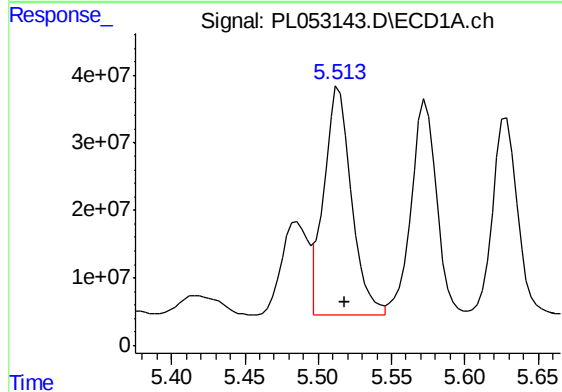
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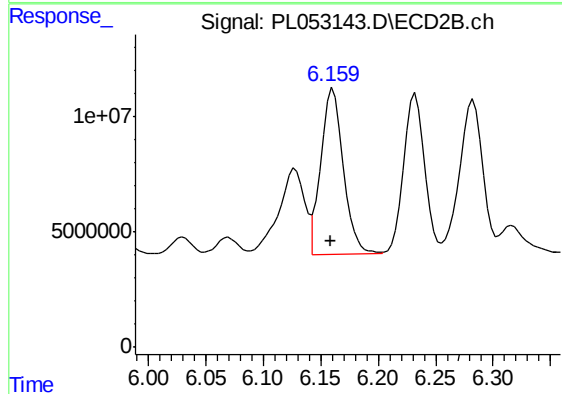
#9 Endosulfan I

R.T.: 6.283 min
Delta R.T.: 0.002 min
Response: 93380053
Conc: 29.87 ng/ml



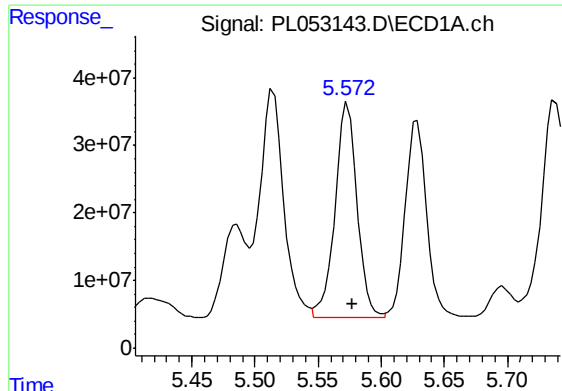
#10 gamma-Chlordane

R.T.: 5.514 min
Delta R.T.: -0.004 min
Response: 447972520
Conc: 33.31 ng/ml



#10 gamma-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.002 min
Response: 98633198
Conc: 29.15 ng/ml



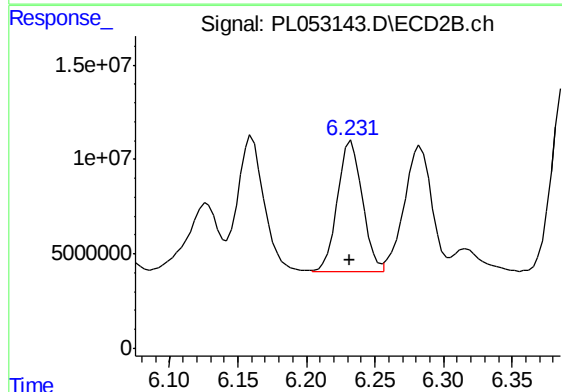
#11 alpha-Chlordane

R.T.: 5.574 min
Delta R.T.: -0.003 min
Response: 385866545
Conc: 29.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2(5-10)MSD

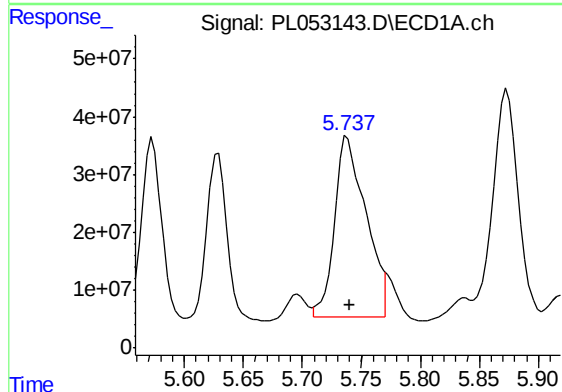
Manual Integrations
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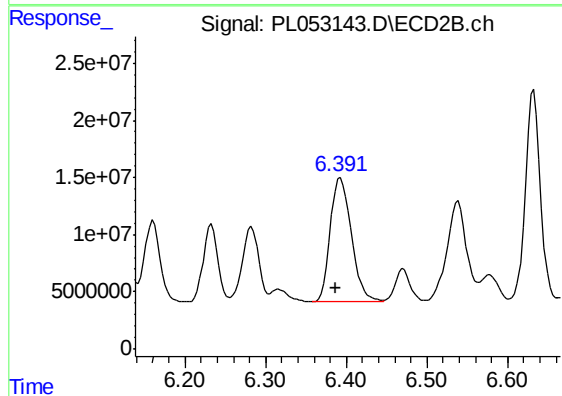
#11 alpha-Chlordane

R.T.: 6.233 min
Delta R.T.: 0.002 min
Response: 87936794
Conc: 26.13 ng/ml



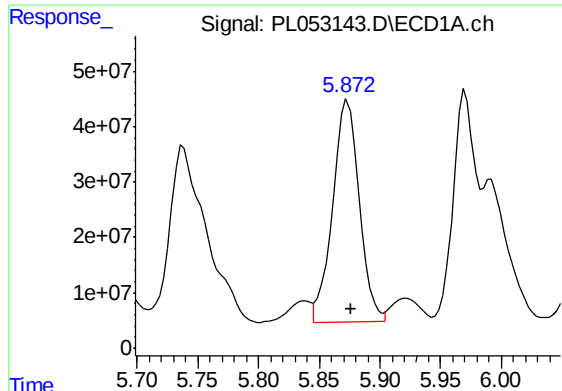
#12 4,4'-DDE

R.T.: 5.737 min
Delta R.T.: -0.004 min
Response: 589155385
Conc: 50.76 ng/ml m



#12 4,4'-DDE

R.T.: 6.392 min
Delta R.T.: 0.006 min
Response: 196882705
Conc: 60.28 ng/ml



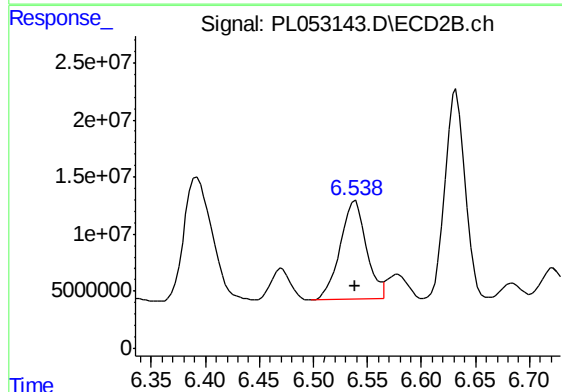
#13 Dieldrin

R.T.: 5.873 min
Delta R.T.: -0.003 min
Response: 613762575
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2(5-10)MSD

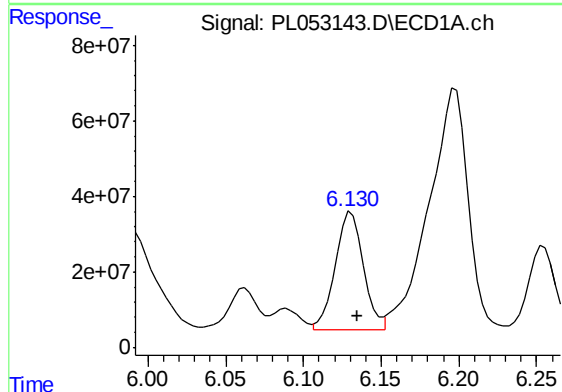
Manual Integrations
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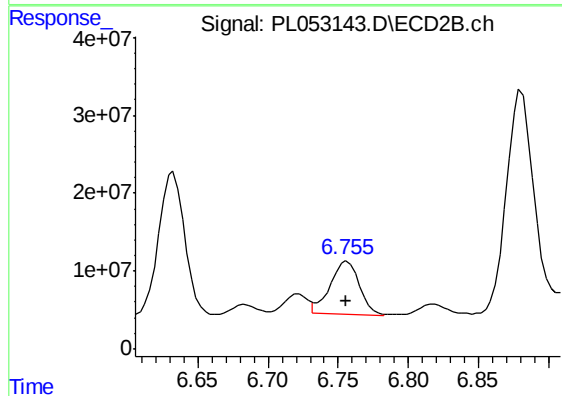
#13 Dieldrin

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 146122087
Conc: 44.80 ng/ml



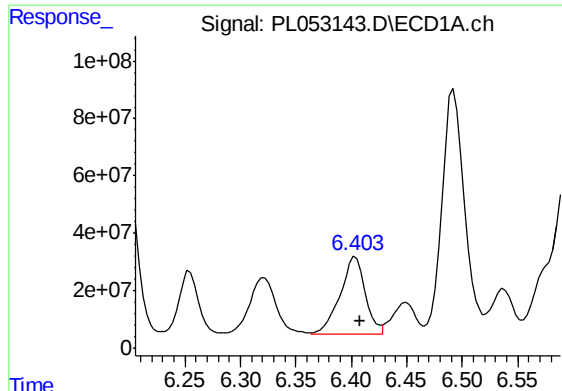
#14 Endrin

R.T.: 6.131 min
Delta R.T.: -0.004 min
Response: 393703038
Conc: 34.56 ng/ml



#14 Endrin

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 98546797
Conc: 35.49 ng/ml m



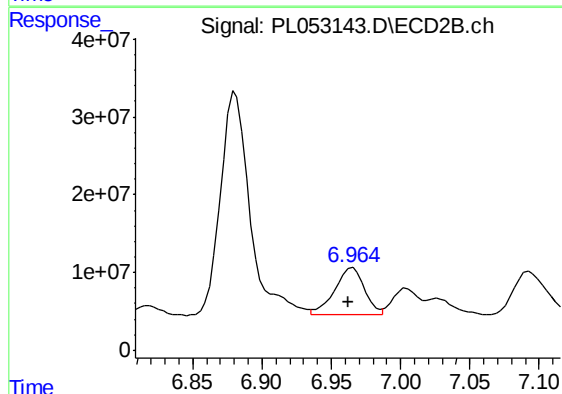
#15 Endosulfan II

R.T.: 6.404 min
Delta R.T.: -0.004 min
Response: 421161680
Conc: 36.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2(5-10)MSD

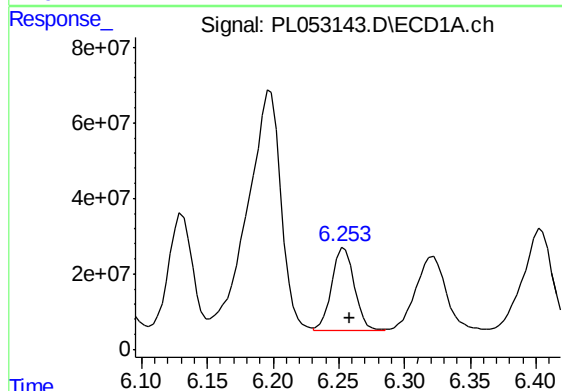
Manual Integrations
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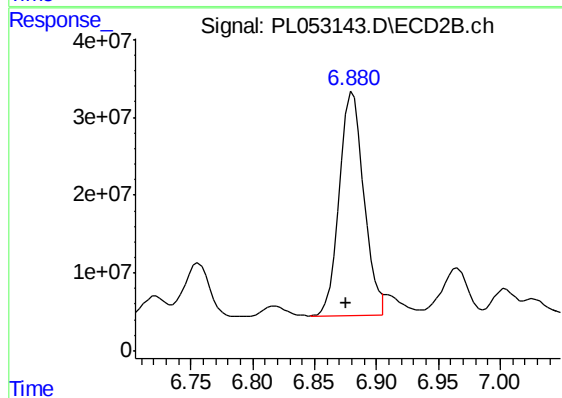
#15 Endosulfan II

R.T.: 6.965 min
Delta R.T.: 0.003 min
Response: 92518907
Conc: 31.18 ng/ml



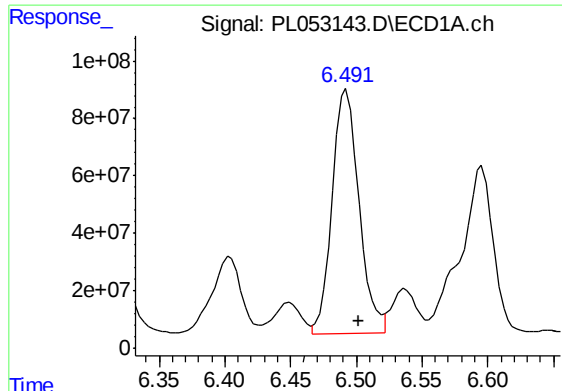
#16 4,4'-DDD

R.T.: 6.254 min
Delta R.T.: -0.004 min
Response: 267006443
Conc: 29.71 ng/ml



#16 4,4'-DDD

R.T.: 6.880 min
Delta R.T.: 0.004 min
Response: 390772084
Conc: 159.33 ng/ml m



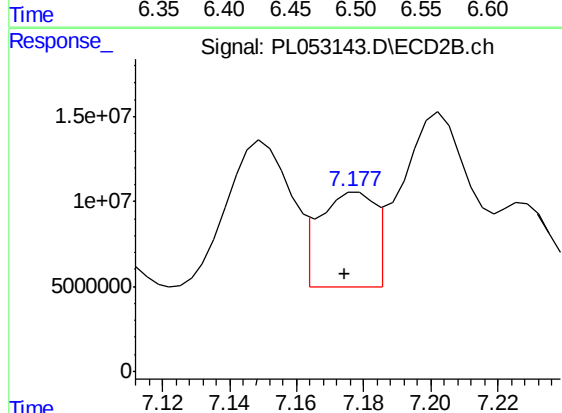
#17 4,4'-DDT

R.T.: 6.493 min
Delta R.T.: -0.009 min
Response: 1205422113
Conc: 118.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2(5-10)MSD

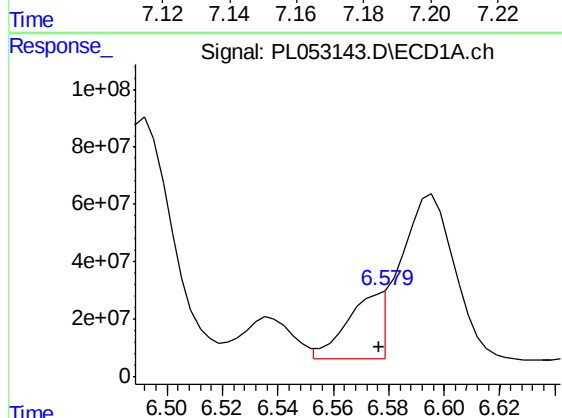
Manual Integrations
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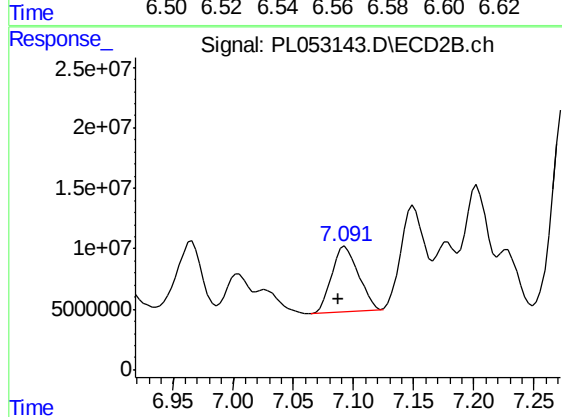
#17 4,4'-DDT

R.T.: 7.177 min
Delta R.T.: 0.002 min
Response: 72584466
Conc: 27.89 ng/ml m



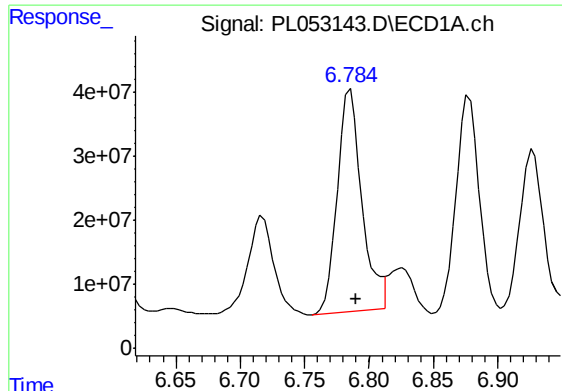
#18 Endrin aldehyde

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 260318253
Conc: 27.72 ng/ml m



#18 Endrin aldehyde

R.T.: 7.093 min
Delta R.T.: 0.005 min
Response: 83938822
Conc: 34.22 ng/ml



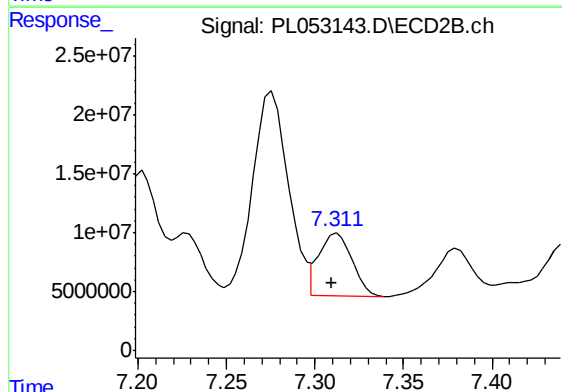
#19 Endosulfan Sulfate

R.T.: 6.786 min
Delta R.T.: -0.005 min
Response: 459644483
Conc: 44.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2(5-10)MSD

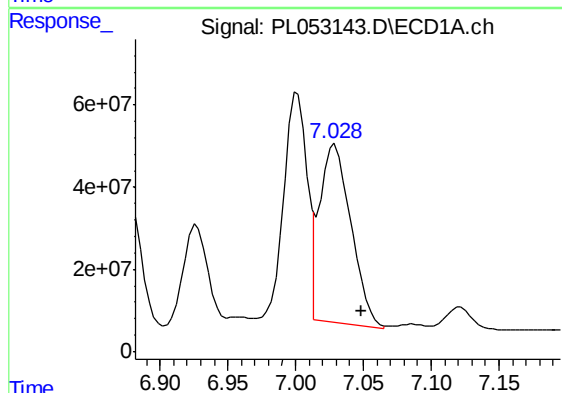
Manual Integrations
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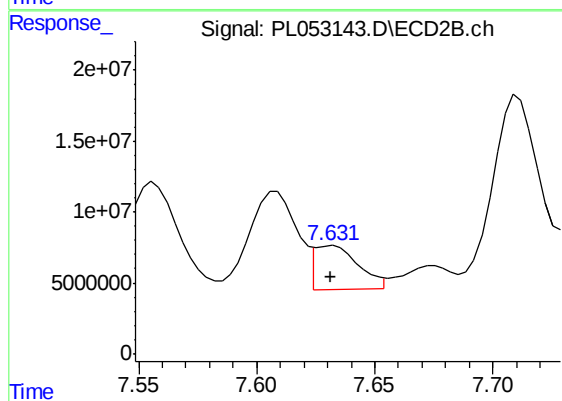
#19 Endosulfan Sulfate

R.T.: 7.311 min
Delta R.T.: 0.002 min
Response: 68870298
Conc: 25.22 ng/ml m



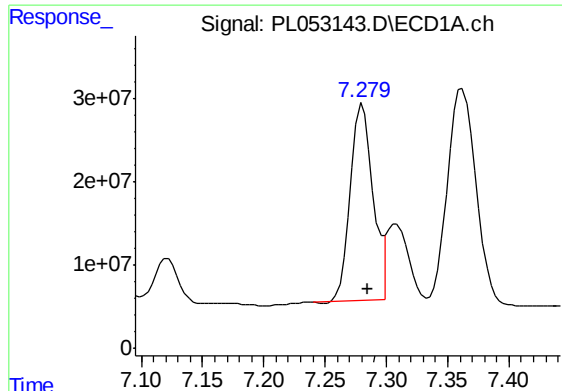
#20 Methoxychlor

R.T.: 7.028 min
Delta R.T.: -0.021 min
Response: 701953986
Conc: 136.09 ng/ml m



#20 Methoxychlor

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 38422819
Conc: 27.29 ng/ml m



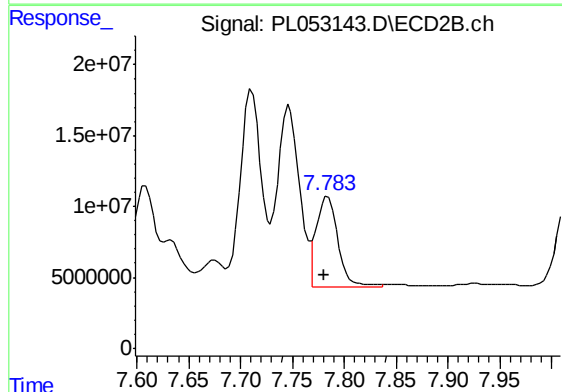
#21 Endrin ketone

R.T.: 7.281 min
Delta R.T.: -0.004 min
Response: 301392738
Conc: 25.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2(5-10)MSD

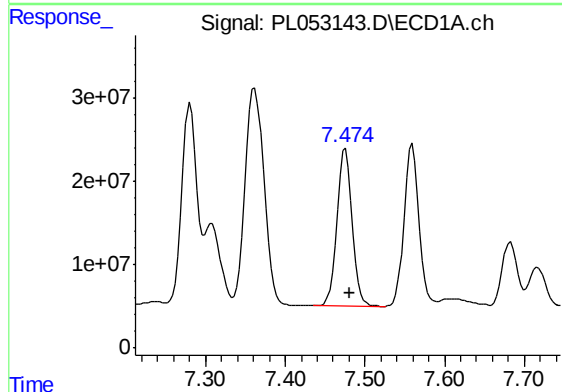
Manual Integrations
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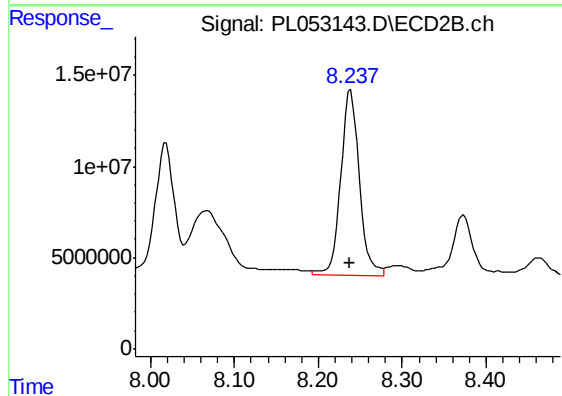
#21 Endrin ketone

R.T.: 7.784 min
Delta R.T.: 0.003 min
Response: 94535007
Conc: 33.14 ng/ml



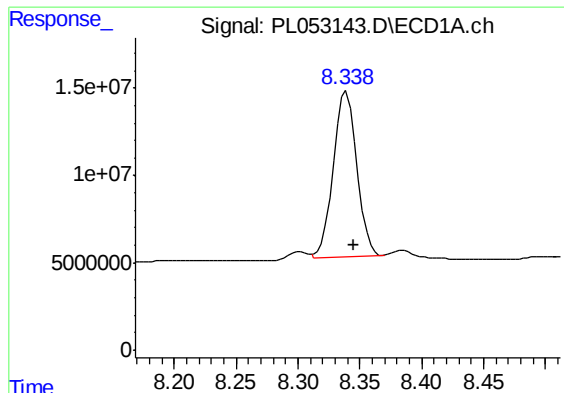
#22 Mirex

R.T.: 7.475 min
Delta R.T.: -0.005 min
Response: 257693553
Conc: 27.29 ng/ml



#22 Mirex

R.T.: 8.239 min
Delta R.T.: 0.002 min
Response: 156796138
Conc: 69.71 ng/ml



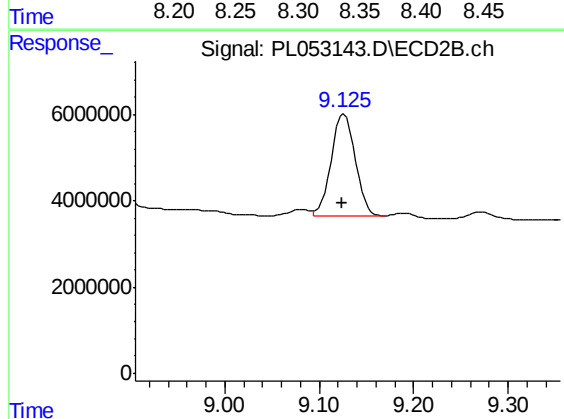
#28 Decachlorobiphenyl

R.T.: 8.339 min
Delta R.T.: -0.006 min
Response: 126060421
Conc: 12.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2(5-10)MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.126 min
Delta R.T.: 0.002 min
Response: 41828123
Conc: 14.26 ng/ml