

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121220\
 Data File : PL063495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2020 11:08
 Operator : DD\AJ
 Sample : L4982-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 R-LA-36-5-WCMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 00:59:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121020.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 10 15:57:40 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...	3.408	3.945	38001693	70844686	22.331	22.604m
28)	SA Decachlor...	8.123	8.986	40068332	54842698	19.896	21.777
Target Compounds							
2)	A alpha-BHC	3.840	4.333	132.0E6	272.9E6	52.662	57.657m
3)	MA gamma-BHC...	4.120	4.618	119.0E6	232.1E6	52.235	52.064
4)	MA Heptachlor	4.416	5.123	115.2E6	218.1E6	53.660	53.121
5)	MB Aldrin	4.661	5.426	103.9E6	208.8E6	54.482	53.958
6)	B beta-BHC	4.369	4.790	51719317	98773395	53.265	49.723
7)	B delta-BHC	4.570	5.004	117.2E6	200.5E6	53.839	49.551
8)	B Heptachlo...	5.099	5.811	105.4E6	188.2E6	56.671	51.957
9)	A Endosulfan I	5.434	6.166	81976508	198.8E6	46.968	59.567 #
10)	B gamma-Chl...	5.324	6.045	96720715	168.7E6	52.000	47.545
11)	B alpha-Chl...	5.381	6.117	107.3E6	186.6E6	57.727	52.651
12)	B 4,4'-DDE	5.547	6.276	98866228	174.7E6	58.210	49.895
13)	MA Dieldrin	5.675	6.423	100.1E6	198.5E6	55.004	57.769
14)	MA Endrin	5.928	6.640	88402927	151.1E6	52.671m	51.671
15)	B Endosulfa...	6.202	6.850	87311758	148.8E6	49.334	46.711
16)	A 4,4'-DDD	6.059	6.766	78379718	137.8E6	52.215	50.831
17)	MA 4,4'-DDT	6.298	7.064	73822523	135.1E6	53.797	52.834
18)	B Endrin al...	6.369	6.975	64902102	111.9E6	42.341	43.837
19)	B Endosulfa...	6.581	7.197	87667335	135.8E6	51.120	48.818
20)	A Methoxychlor	6.842	7.524	44656595	79415432	50.186	56.943
21)	B Endrin ke...	7.066	7.666	116.3E6	148.2E6	58.255m	50.814
22)	Mirex	7.254	8.119	81083376	104.1E6	51.070	52.248

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121220\
Data File : PL063495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2020 11:08
Operator : DD\AJ
Sample : L4982-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

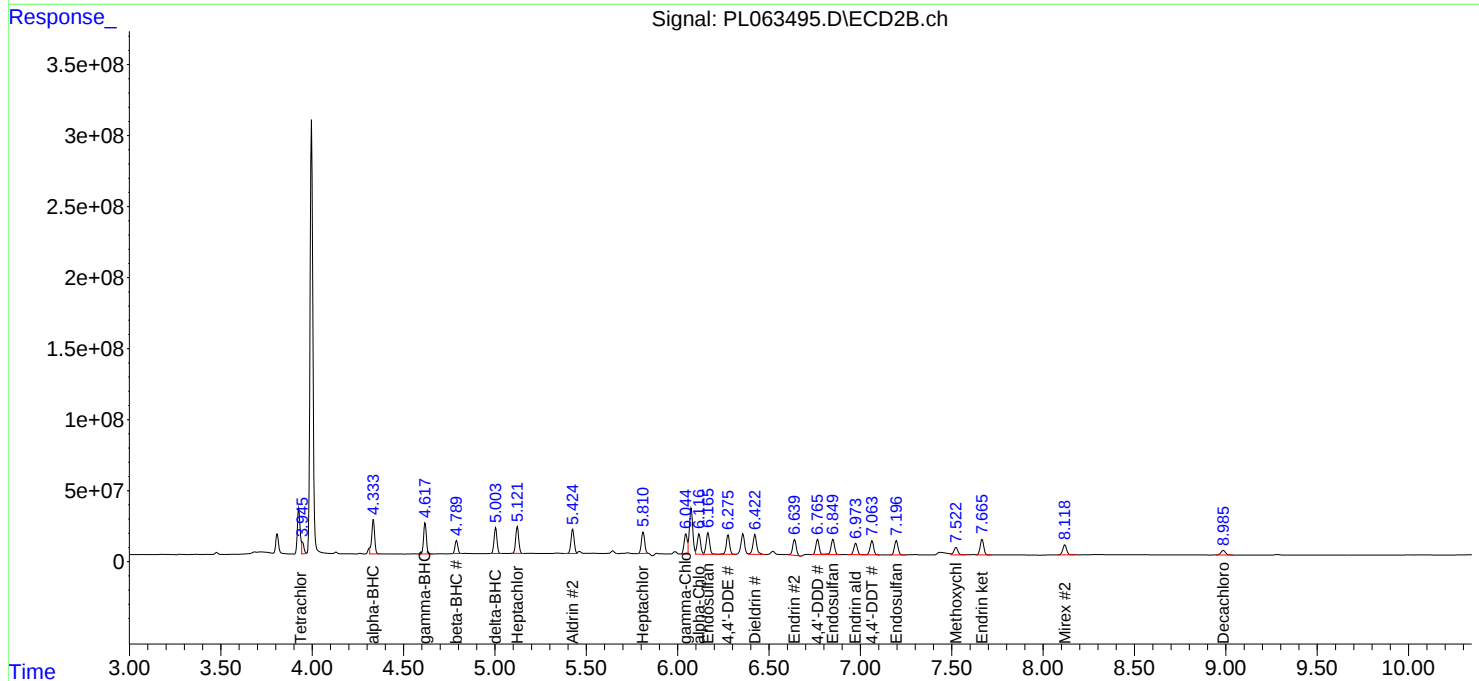
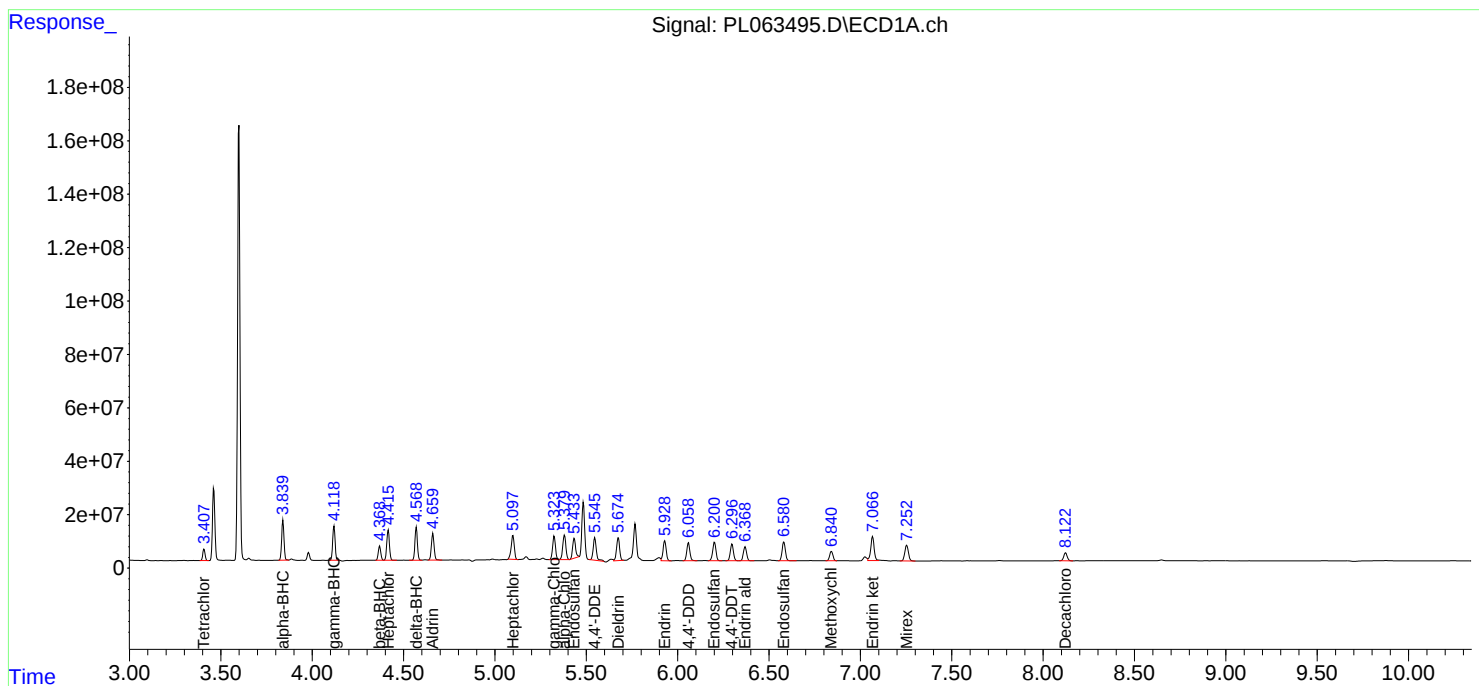
Instrument :
ECD_L
ClientSampleId :
R-LA-36-5-WCMSD

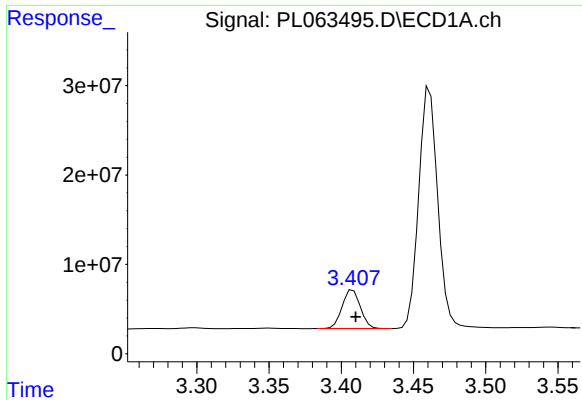
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 00:59:43 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121020.M
Quant Title : GC Extractables
QLast Update : Thu Dec 10 15:57:40 2020
Response 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





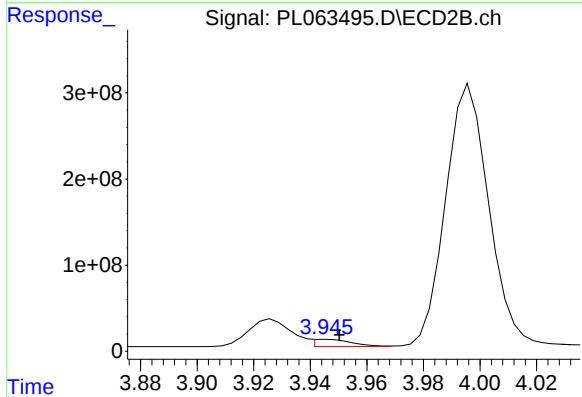
#1 Tetrachloro-m-xylene

R.T.: 3.408 min
Delta R.T.: -0.002 min
Response: 38001693
Conc: 22.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-36-5-WCMSD

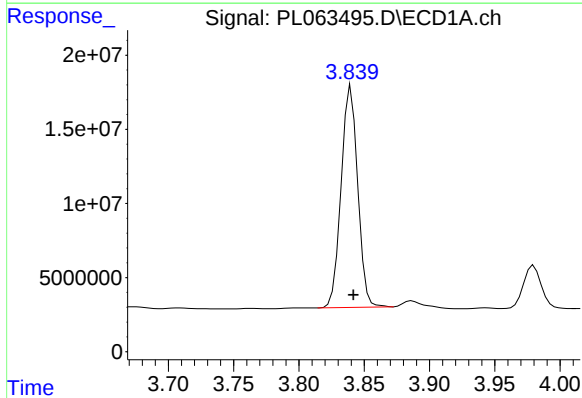
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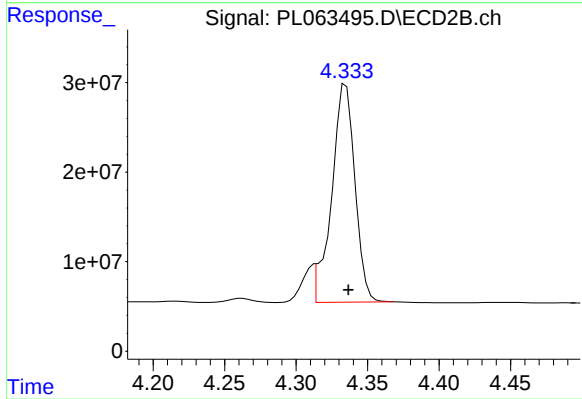
#1 Tetrachloro-m-xylene

R.T.: 3.945 min
Delta R.T.: -0.006 min
Response: 70844686
Conc: 22.60 ng/ml m



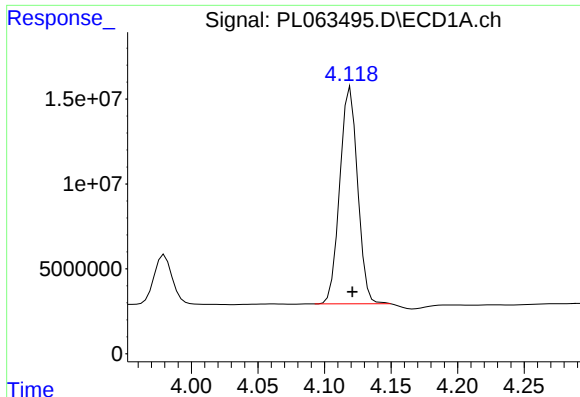
#2 alpha-BHC

R.T.: 3.840 min
Delta R.T.: -0.002 min
Response: 131998242
Conc: 52.66 ng/ml



#2 alpha-BHC

R.T.: 4.333 min
Delta R.T.: -0.003 min
Response: 272921545
Conc: 57.66 ng/ml m



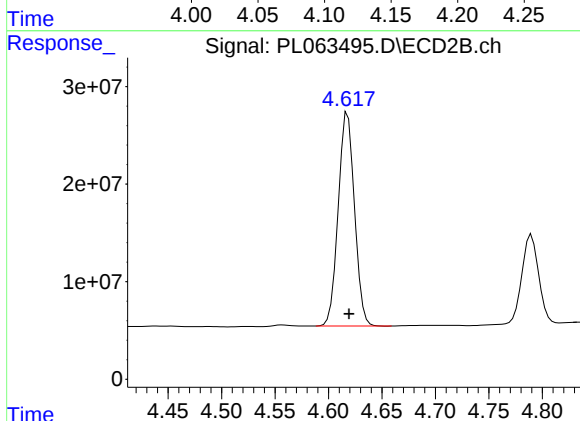
#3 gamma-BHC (Lindane)

R.T.: 4.120 min
Delta R.T.: -0.001 min
Response: 119049810
Conc: 52.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-36-5-WCMSD

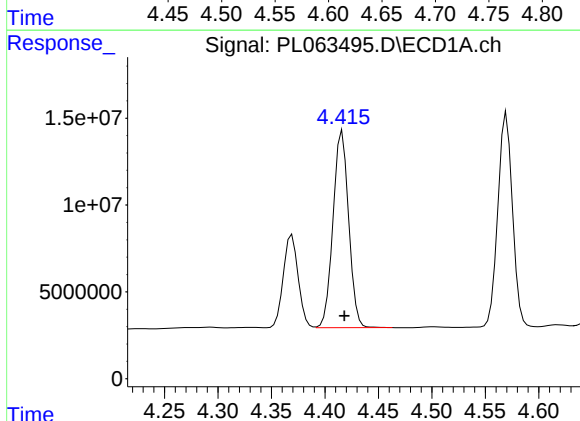
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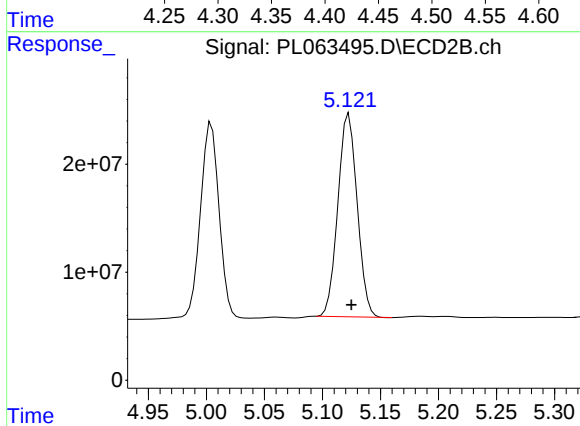
#3 gamma-BHC (Lindane)

R.T.: 4.618 min
Delta R.T.: -0.001 min
Response: 232119042
Conc: 52.06 ng/ml



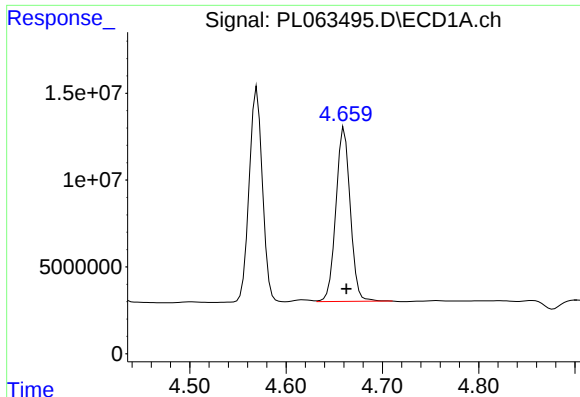
#4 Heptachlor

R.T.: 4.416 min
Delta R.T.: -0.002 min
Response: 115199190
Conc: 53.66 ng/ml



#4 Heptachlor

R.T.: 5.123 min
Delta R.T.: -0.002 min
Response: 218121983
Conc: 53.12 ng/ml



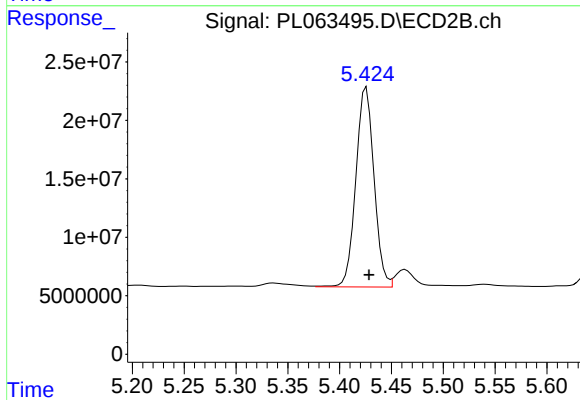
#5 Aldrin

R.T.: 4.661 min
Delta R.T.: -0.002 min
Response: 103884887
Conc: 54.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-36-5-WCMSD

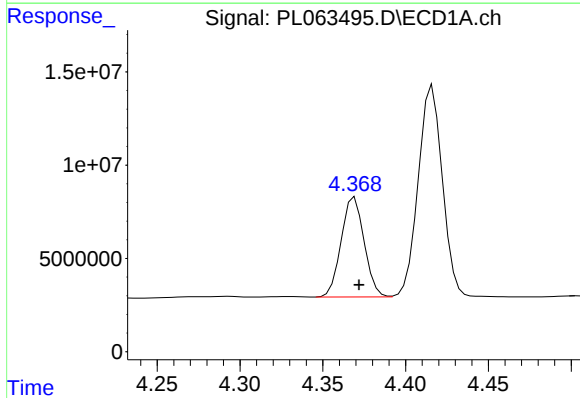
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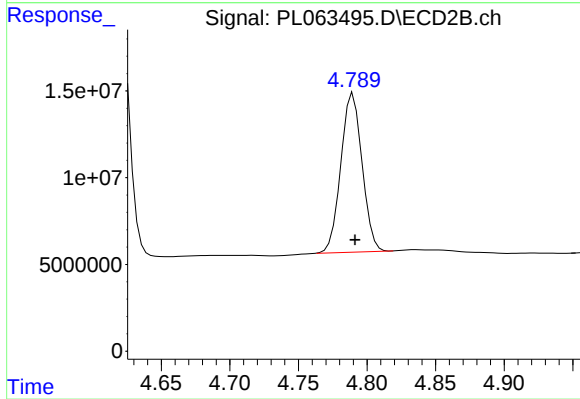
#5 Aldrin

R.T.: 5.426 min
Delta R.T.: -0.003 min
Response: 208766254
Conc: 53.96 ng/ml



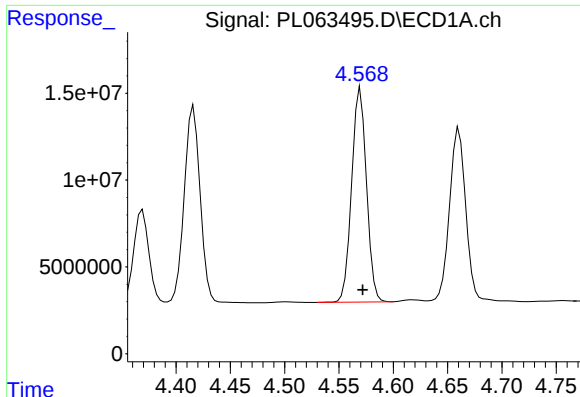
#6 beta-BHC

R.T.: 4.369 min
Delta R.T.: -0.003 min
Response: 51719317
Conc: 53.26 ng/ml



#6 beta-BHC

R.T.: 4.790 min
Delta R.T.: -0.001 min
Response: 98773395
Conc: 49.72 ng/ml



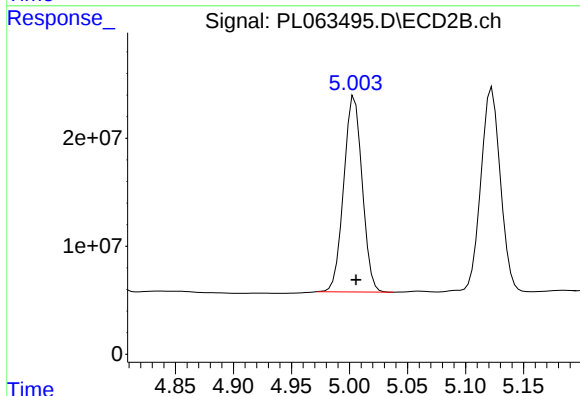
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: -0.002 min
Response: 117207177
Conc: 53.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-36-5-WCMSD

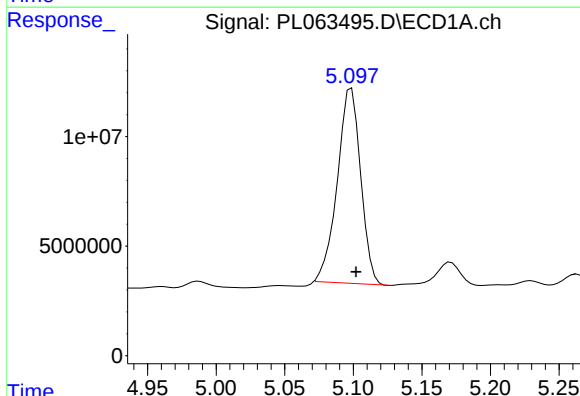
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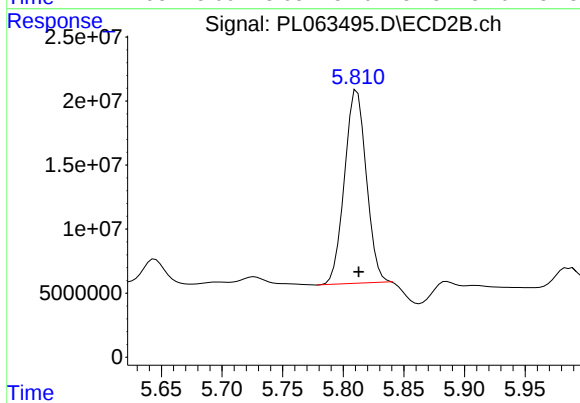
#7 delta-BHC

R.T.: 5.004 min
Delta R.T.: -0.001 min
Response: 200549613
Conc: 49.55 ng/ml



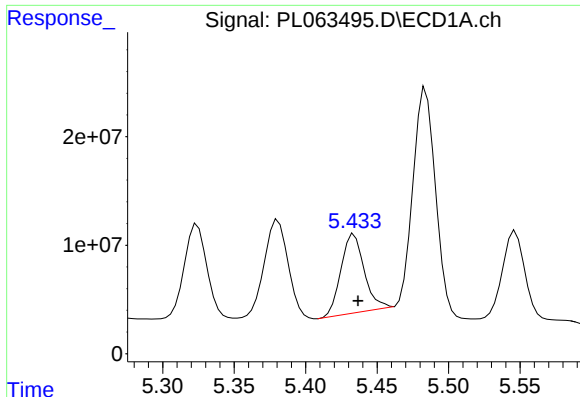
#8 Heptachlor epoxide

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 105433376
Conc: 56.67 ng/ml



#8 Heptachlor epoxide

R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 188186420
Conc: 51.96 ng/ml



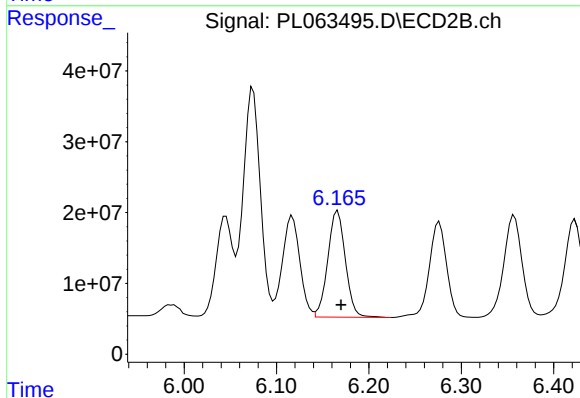
#9 Endosulfan I

R.T.: 5.434 min
Delta R.T.: -0.003 min
Response: 81976508
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-36-5-WCMSD

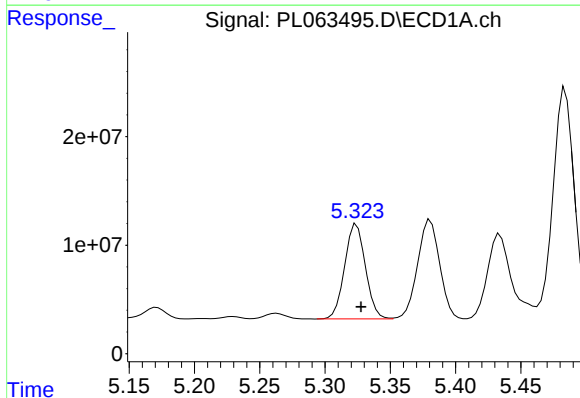
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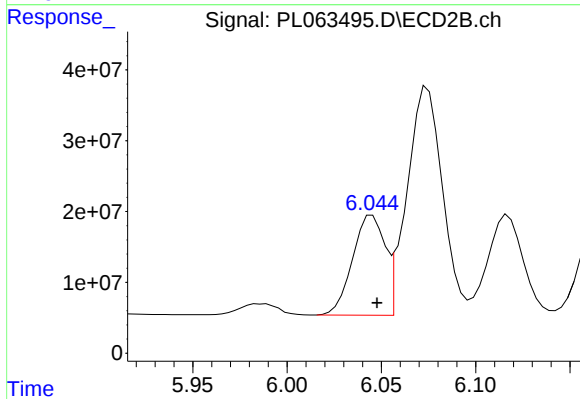
#9 Endosulfan I

R.T.: 6.166 min
Delta R.T.: -0.004 min
Response: 198813226
Conc: 59.57 ng/ml



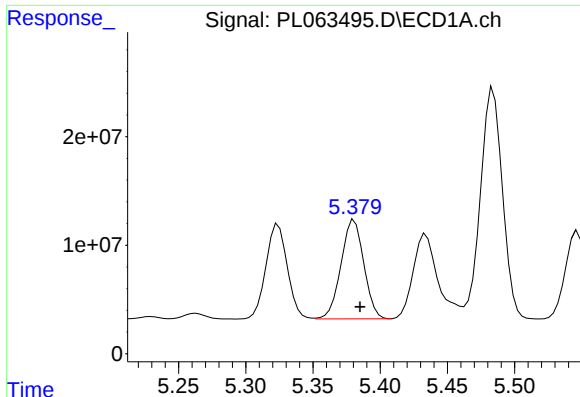
#10 gamma-Chlordane

R.T.: 5.324 min
Delta R.T.: -0.003 min
Response: 96720715
Conc: 52.00 ng/ml



#10 gamma-Chlordane

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 168744049
Conc: 47.54 ng/ml



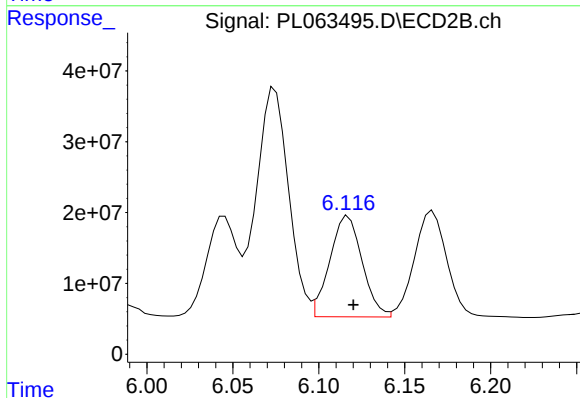
#11 alpha-Chlordane

R.T.: 5.381 min
Delta R.T.: -0.004 min
Response: 107324184
Conc: 57.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-36-5-WCMSD

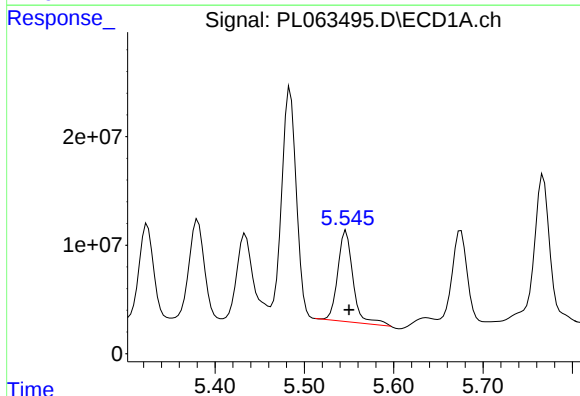
Manual Integrations
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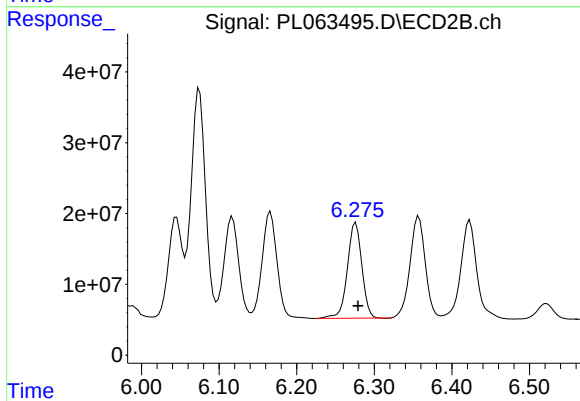
#11 alpha-Chlordane

R.T.: 6.117 min
Delta R.T.: -0.003 min
Response: 186601849
Conc: 52.65 ng/ml



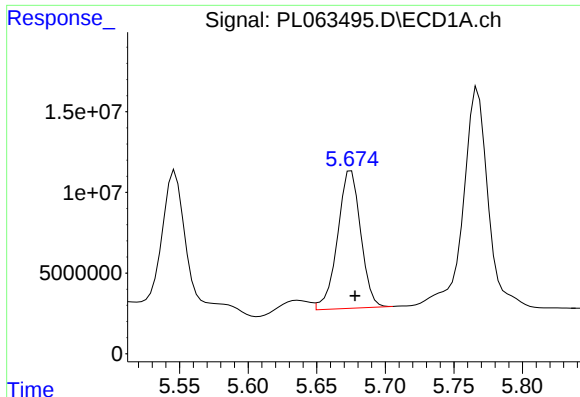
#12 4,4'-DDE

R.T.: 5.547 min
Delta R.T.: -0.003 min
Response: 98866228
Conc: 58.21 ng/ml



#12 4,4'-DDE

R.T.: 6.276 min
Delta R.T.: -0.003 min
Response: 174748143
Conc: 49.90 ng/ml



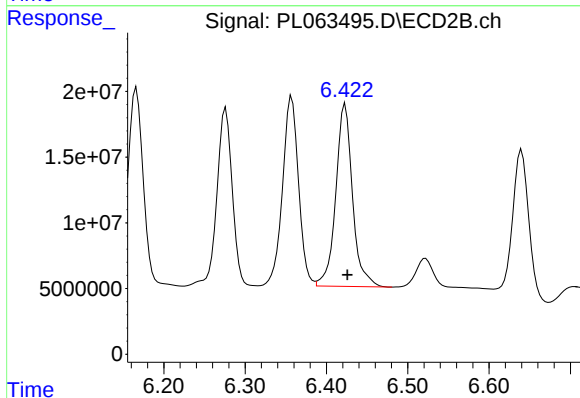
#13 Dieldrin

R.T.: 5.675 min
Delta R.T.: -0.003 min
Response: 100136294
Conc: 55.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-36-5-WCMSD

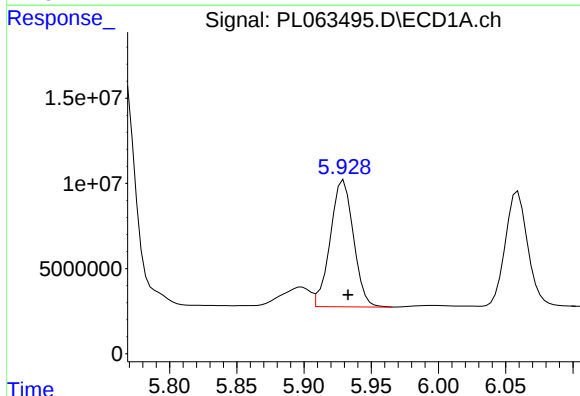
Manual Integrations
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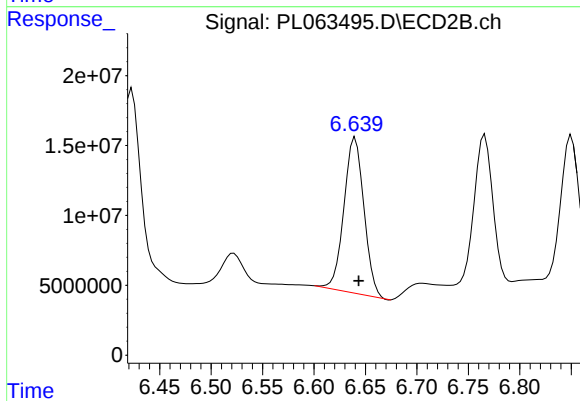
#13 Dieldrin

R.T.: 6.423 min
Delta R.T.: -0.003 min
Response: 198467217
Conc: 57.77 ng/ml



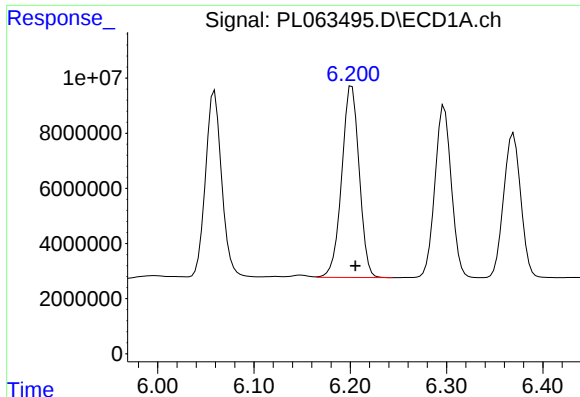
#14 Endrin

R.T.: 5.928 min
Delta R.T.: -0.005 min
Response: 88402927
Conc: 52.67 ng/ml m



#14 Endrin

R.T.: 6.640 min
Delta R.T.: -0.003 min
Response: 151137869
Conc: 51.67 ng/ml



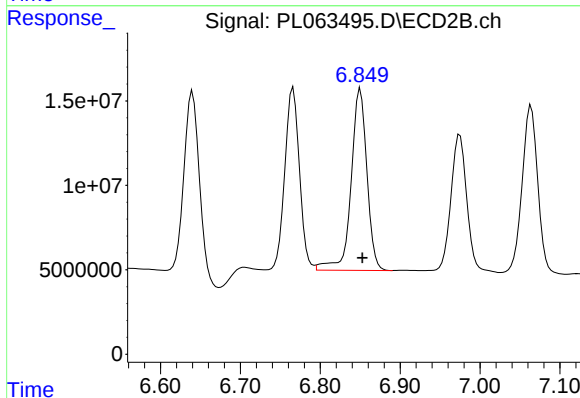
#15 Endosulfan II

R.T.: 6.202 min
Delta R.T.: -0.004 min
Response: 87311758
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-36-5-WCMSD

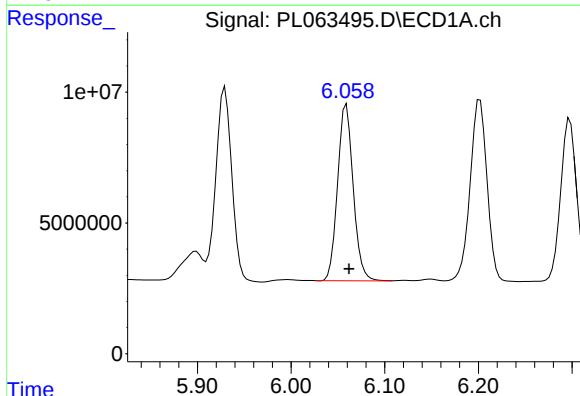
Manual Integrations
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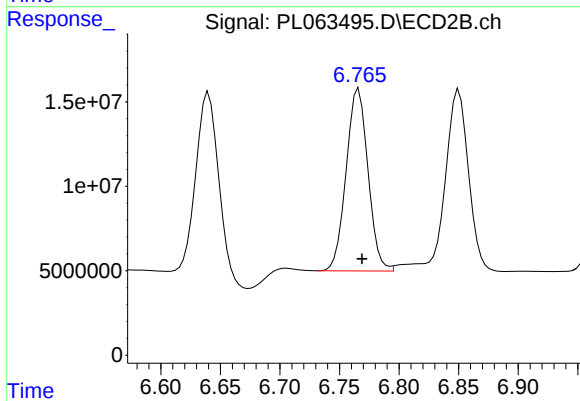
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 148776226
Conc: 46.71 ng/ml



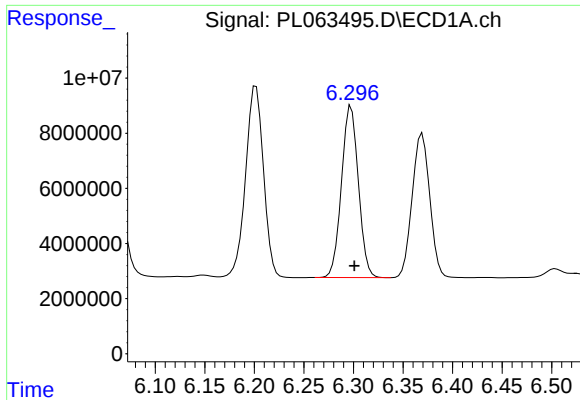
#16 4,4'-DDD

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 78379718
Conc: 52.22 ng/ml



#16 4,4'-DDD

R.T.: 6.766 min
Delta R.T.: -0.003 min
Response: 137776889
Conc: 50.83 ng/ml



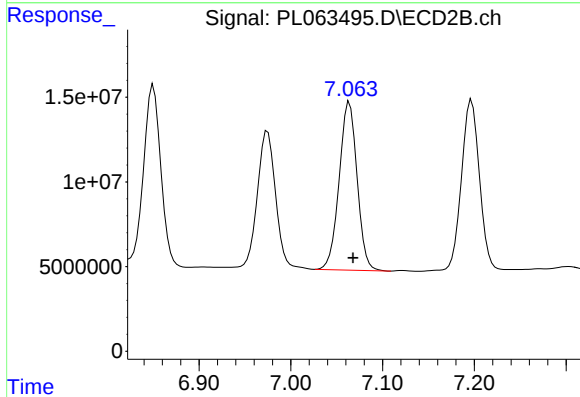
#17 4,4'-DDT

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 73822523
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-36-5-WCMSD

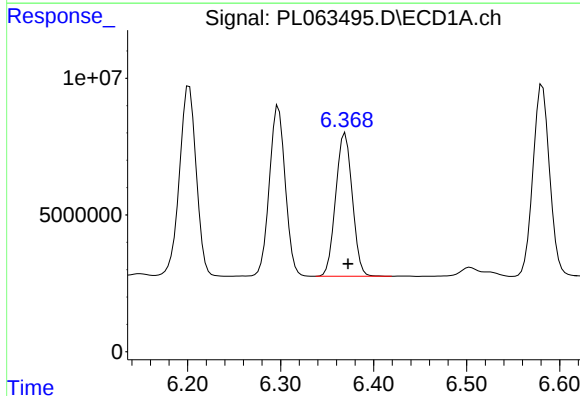
Manual Integrations
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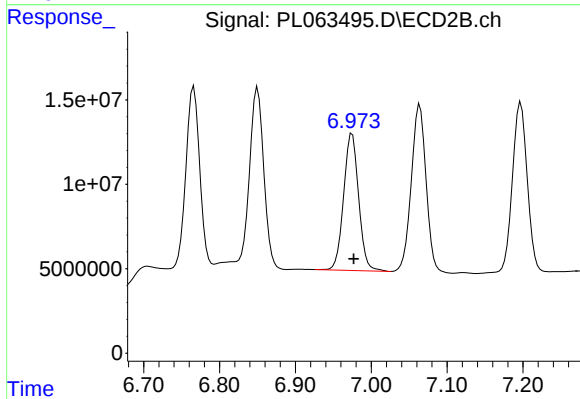
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.004 min
Response: 135089639
Conc: 52.83 ng/ml



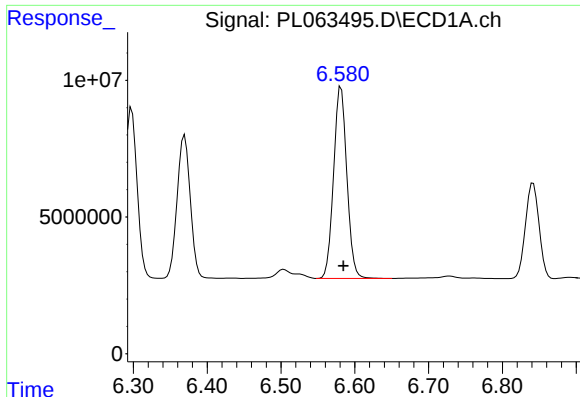
#18 Endrin aldehyde

R.T.: 6.369 min
Delta R.T.: -0.003 min
Response: 64902102
Conc: 42.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 111864118
Conc: 43.84 ng/ml



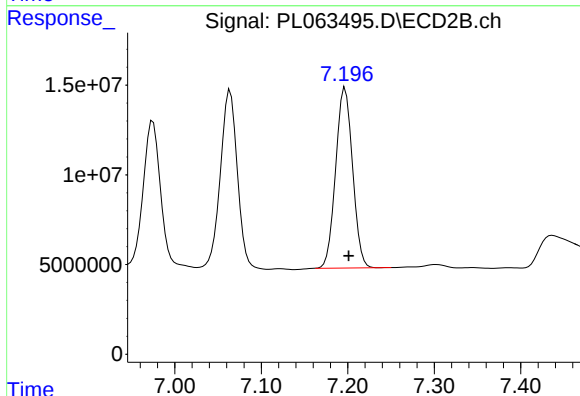
#19 Endosulfan Sulfate

R.T.: 6.581 min
Delta R.T.: -0.003 min
Response: 87667335
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-36-5-WCMSD

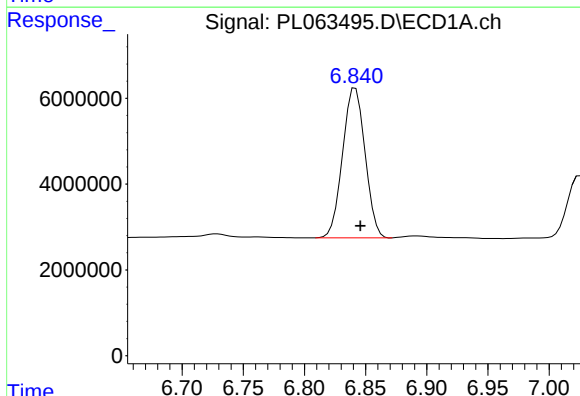
Manual Integrations
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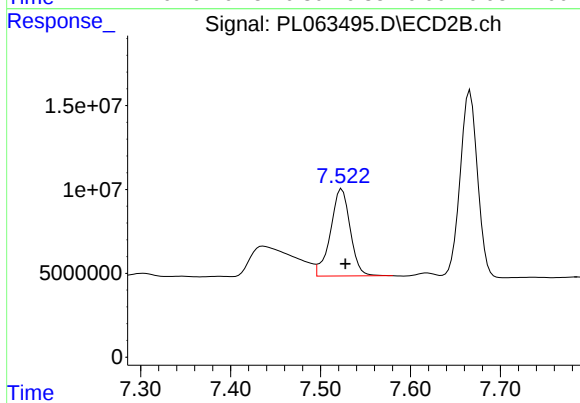
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: -0.004 min
Response: 135800633
Conc: 48.82 ng/ml



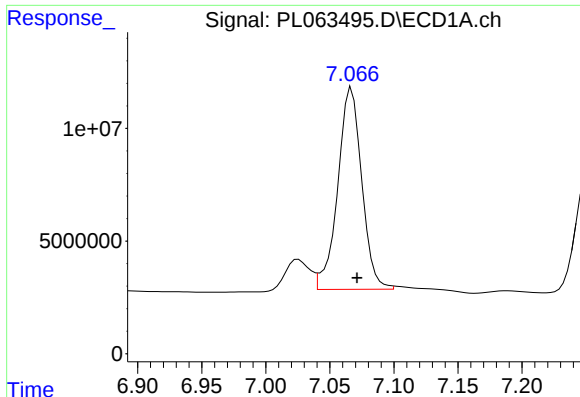
#20 Methoxychlor

R.T.: 6.842 min
Delta R.T.: -0.004 min
Response: 44656595
Conc: 50.19 ng/ml



#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: -0.004 min
Response: 79415432
Conc: 56.94 ng/ml



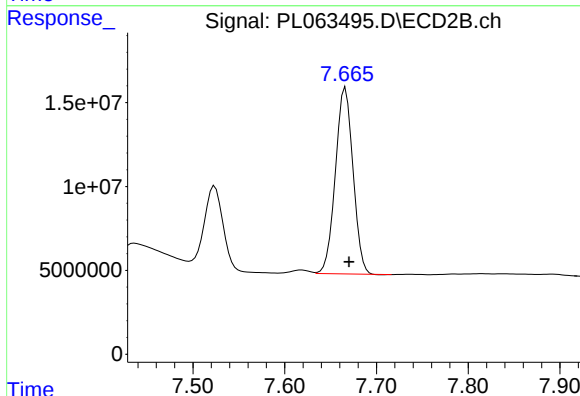
#21 Endrin ketone

R.T.: 7.066 min
Delta R.T.: -0.006 min
Response: 116324881
Conc: 58.26 ng/ml m

Instrument :
ECD_L
ClientSampleId :
R-LA-36-5-WCMSD

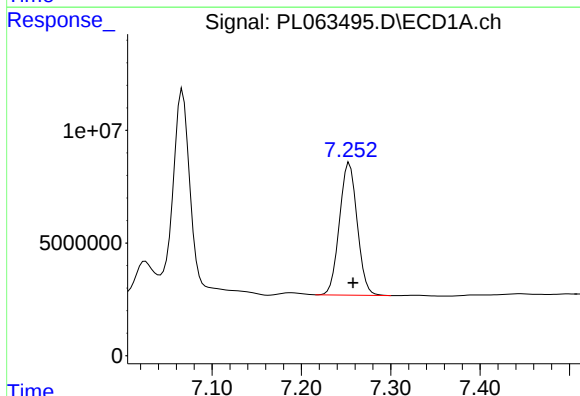
Manual Integrations
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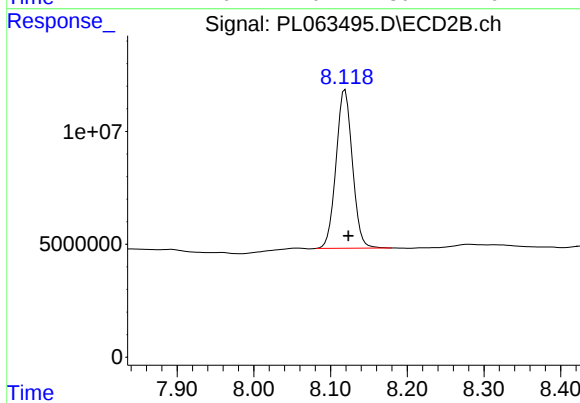
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: -0.004 min
Response: 148215372
Conc: 50.81 ng/ml



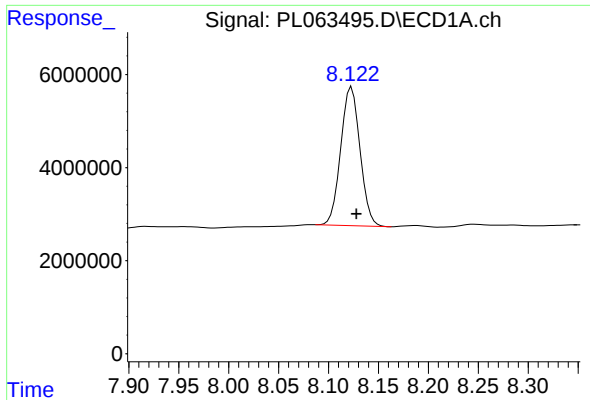
#22 Mirex

R.T.: 7.254 min
Delta R.T.: -0.004 min
Response: 81083376
Conc: 51.07 ng/ml



#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 104101877
Conc: 52.25 ng/ml



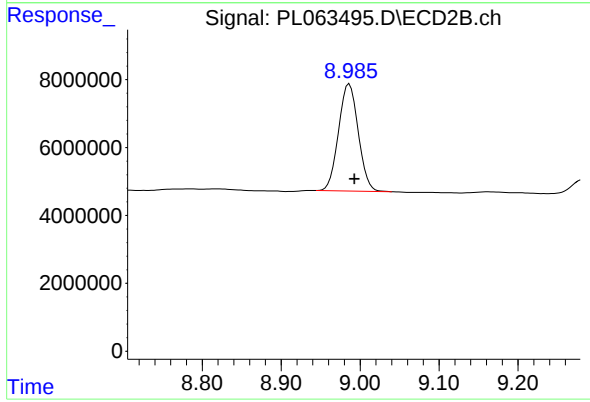
#28 Decachlorobiphenyl

R.T.: 8.123 min
Delta R.T.: -0.005 min
Response: 40068332
Conc: 19.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-36-5-WCMSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: -0.007 min
Response: 54842698
Conc: 21.78 ng/ml