

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111324\
 Data File : PL093019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2024 09:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 12:15:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 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...	3.542	2.779	118.8E6	141.8E6	48.476	52.114
28)	SA Decachlor...	9.056	7.916	85475342	130.4E6	44.413	47.791
Target Compounds							
2)	A alpha-BHC	3.998	3.281	162.7E6	215.3E6	47.960	53.953
3)	MA gamma-BHC...	4.331	3.611	155.6E6	208.5E6	47.746	54.012
4)	MA Heptachlor	4.919	3.950	141.3E6	204.3E6	47.039	54.146
5)	MB Aldrin	5.260	4.230	139.1E6	199.7E6	46.337	54.550
6)	B beta-BHC	4.528	3.911	69001654	88241167	47.737	53.601
7)	B delta-BHC	4.775	4.140	149.2E6	211.3E6	47.661	54.987
8)	B Heptachlo...	5.685	4.732	128.6E6	179.7E6	46.569m	53.787
9)	A Endosulfan I	6.072	5.102	113.6E6	143.2E6	45.434	46.893
10)	B gamma-Chl...	5.943	4.982	122.0E6	181.9E6	45.843	54.109
11)	B alpha-Chl...	6.022	5.046	121.3E6	179.0E6	45.805	53.823
12)	B 4,4'-DDE	6.195	5.235	109.4E6	177.7E6	46.166	55.160
13)	MA Dieldrin	6.347	5.366	119.4E6	181.3E6	45.306	54.289
14)	MA Endrin	6.576	5.642	101.1E6	158.6E6	44.398	54.805
15)	B Endosulfa...	6.796	5.936	103.0E6	151.7E6	43.221	53.540
16)	A 4,4'-DDD	6.712	5.790	89436921	139.5E6	46.593	56.030
17)	MA 4,4'-DDT	7.025	6.040	94953193	143.3E6	45.877	53.443
18)	B Endrin al...	6.927	6.116	84612754	119.8E6	45.055	51.912
19)	B Endosulfa...	7.161	6.339	96625898	141.0E6	44.521	52.295
20)	A Methoxychlor	7.501	6.615	52368395	74616907	45.937	52.252
21)	B Endrin ke...	7.645	6.844	107.1E6	155.6E6	44.214	50.713
22)	Mirex	8.118	7.025	86871109	129.1E6	43.837	49.471

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111324\
Data File : PL093019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2024 09:06
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

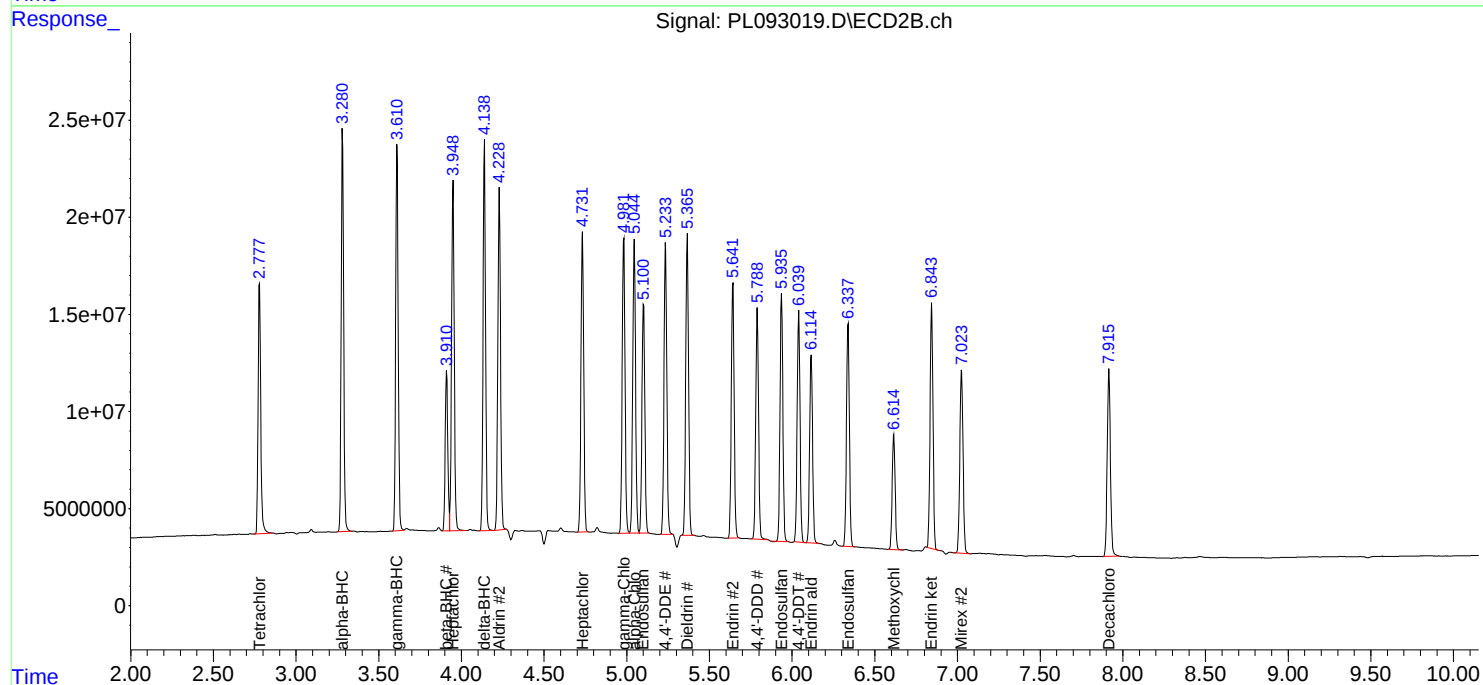
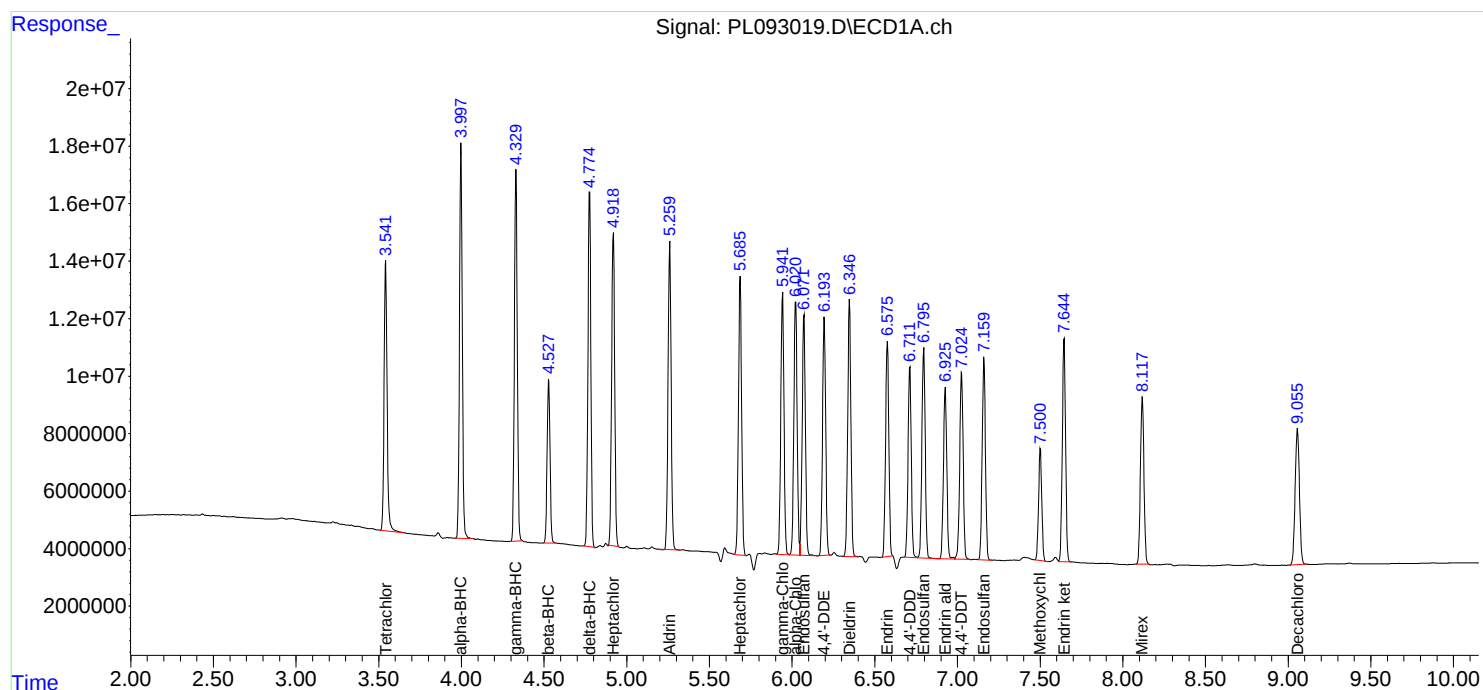
APPROVED

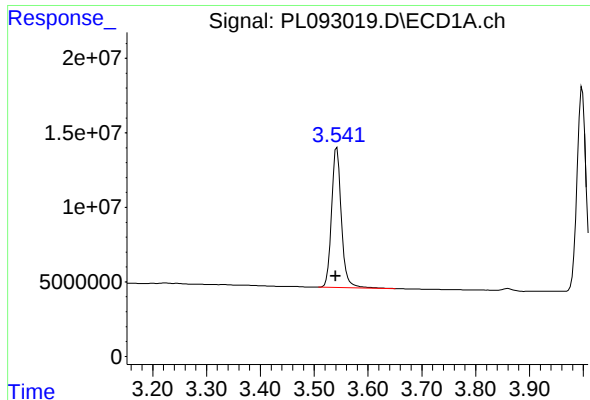
Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 12:15:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
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





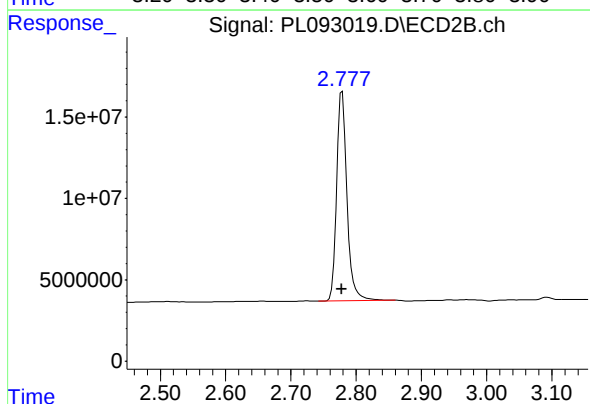
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.002 min
Response: 118777743
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

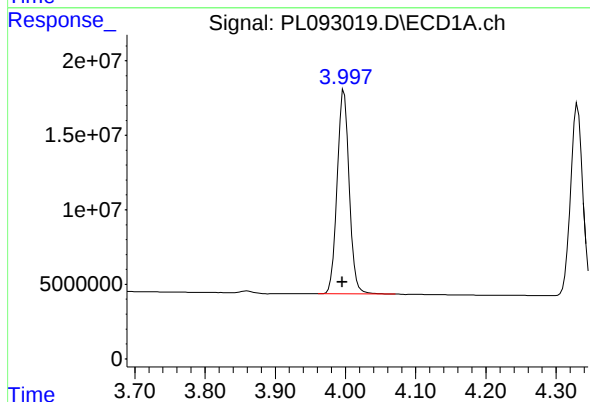
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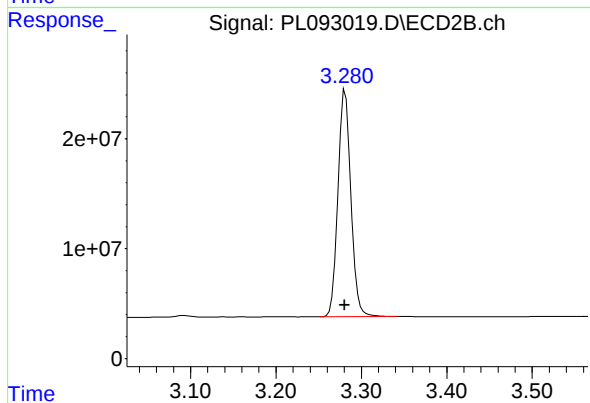
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.000 min
Response: 141811481
Conc: 52.11 ng/ml



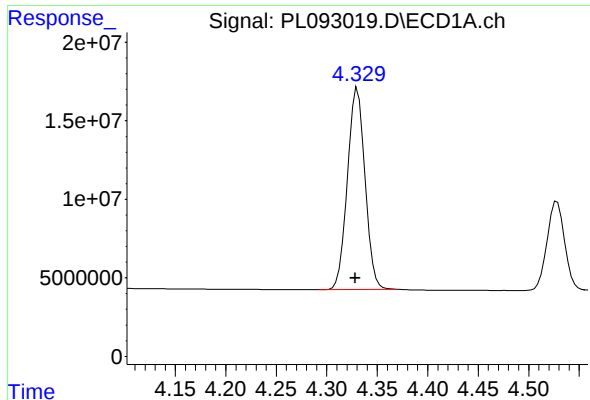
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.002 min
Response: 162659150
Conc: 47.96 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 215282108
Conc: 53.95 ng/ml



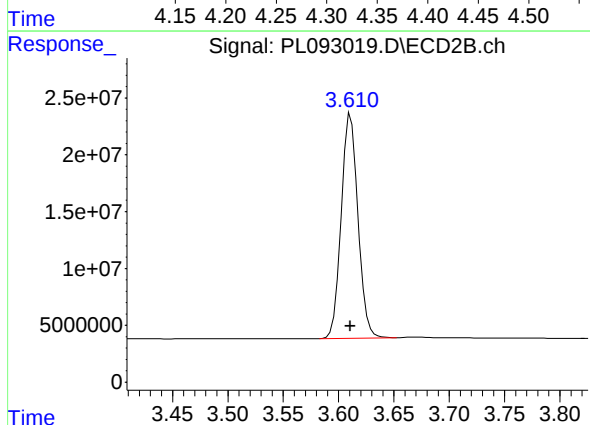
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.002 min
Response: 155630558
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

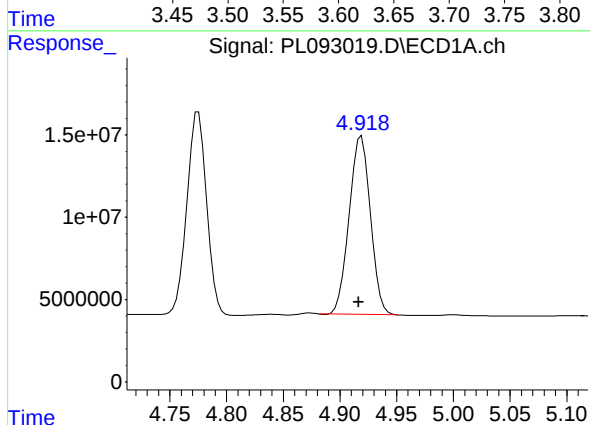
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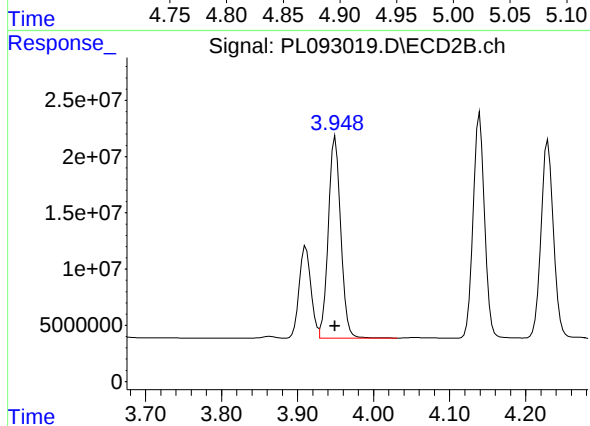
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 208457210
Conc: 54.01 ng/ml



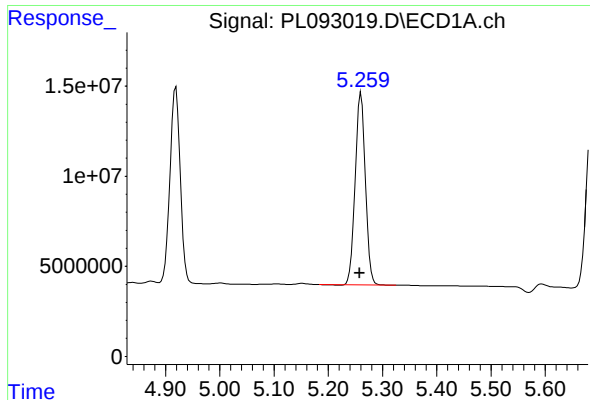
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.002 min
Response: 141263424
Conc: 47.04 ng/ml



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 204342487
Conc: 54.15 ng/ml



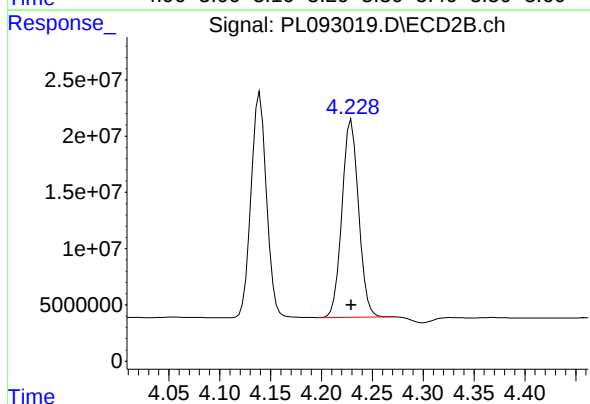
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: 0.002 min
Response: 139080363
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

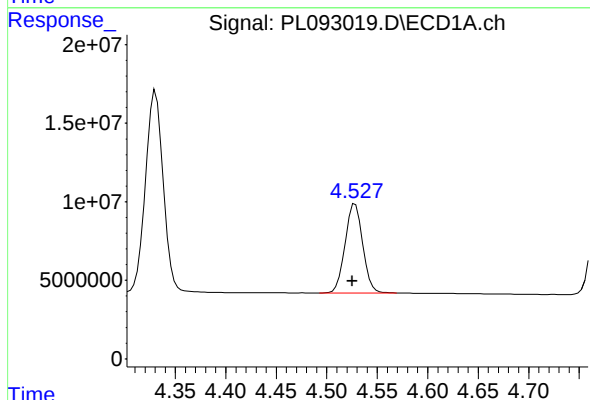
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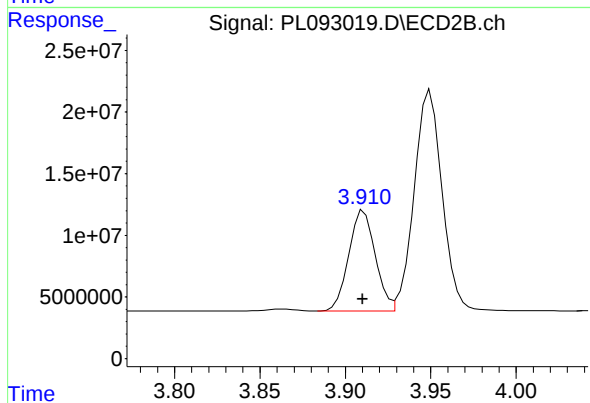
#5 Aldrin

R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 199665300
Conc: 54.55 ng/ml



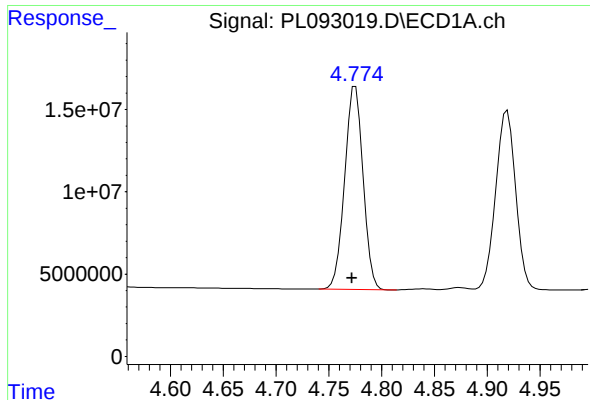
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 69001654
Conc: 47.74 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.000 min
Response: 88241167
Conc: 53.60 ng/ml



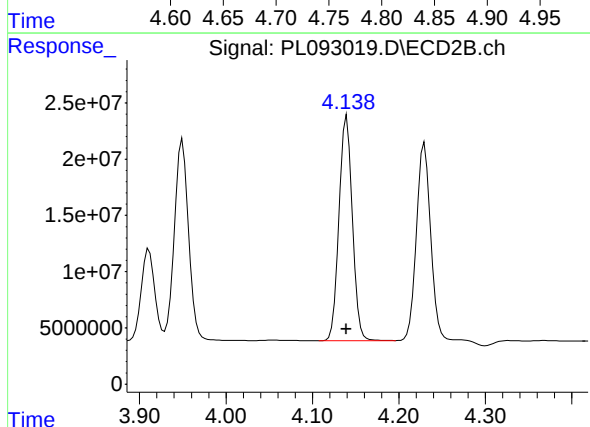
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.003 min
Response: 149172426
Conc: 47.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

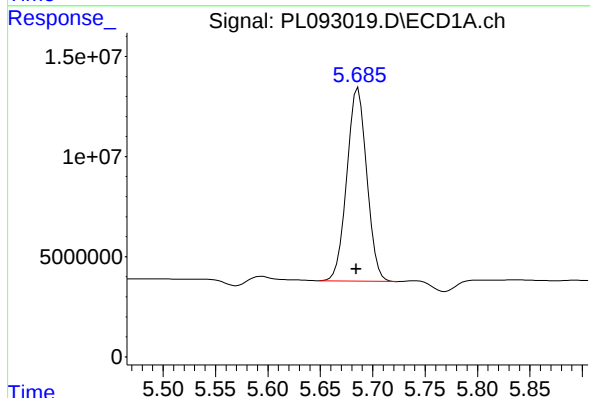
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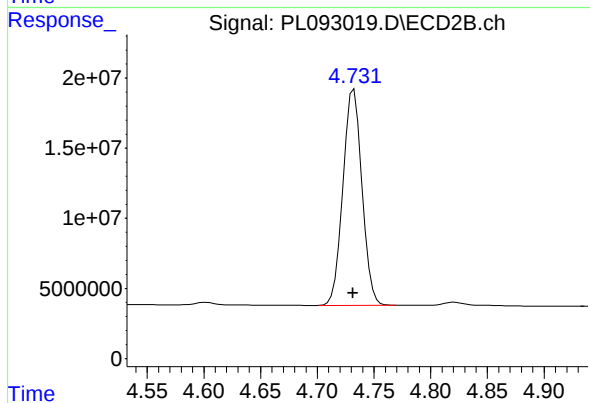
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 211323236
Conc: 54.99 ng/ml



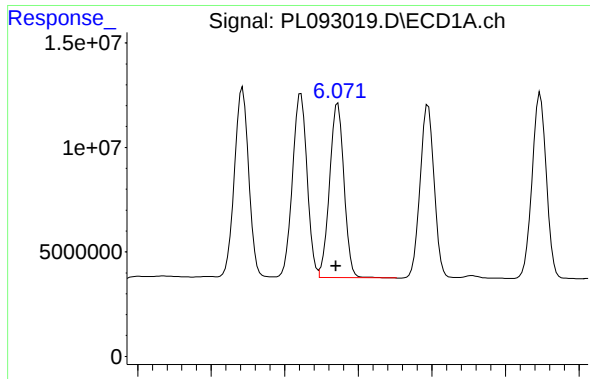
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 128594941
Conc: 46.57 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 179724595
Conc: 53.79 ng/ml



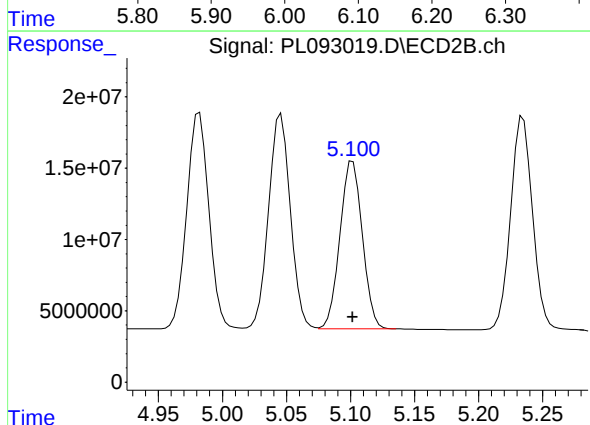
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 113646587
Conc: 45.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

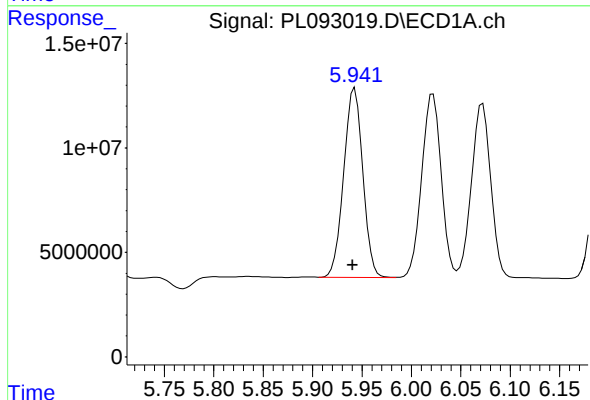
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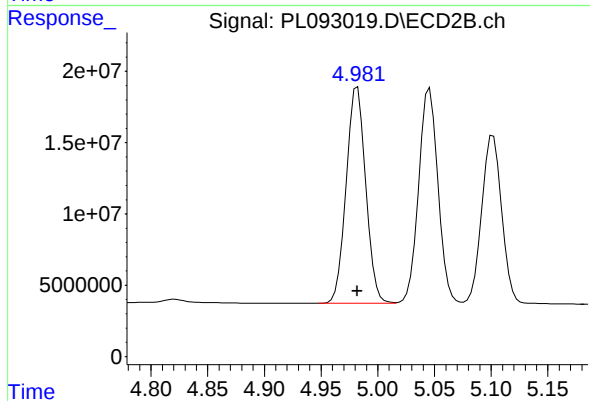
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 143171181
Conc: 46.89 ng/ml



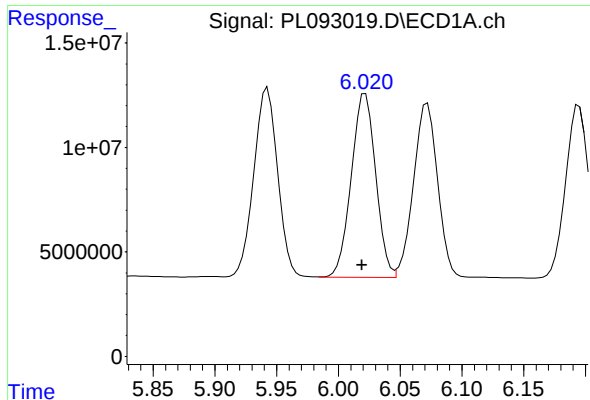
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.002 min
Response: 121970512
Conc: 45.84 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 181896783
Conc: 54.11 ng/ml



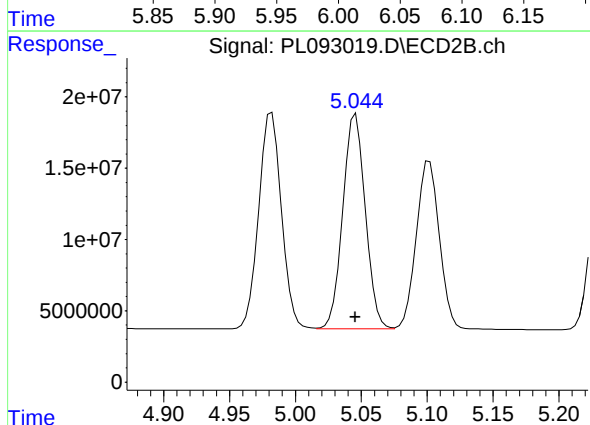
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.003 min
Response: 121298605
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

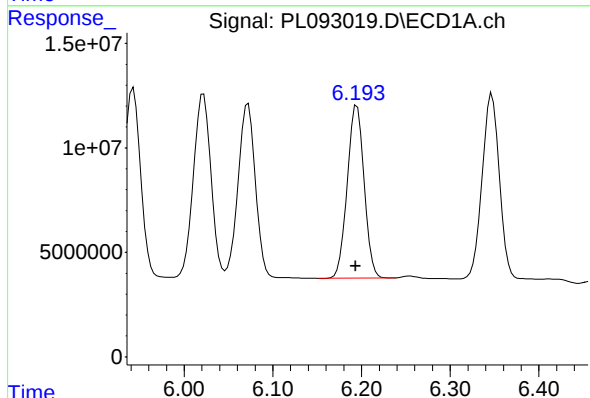
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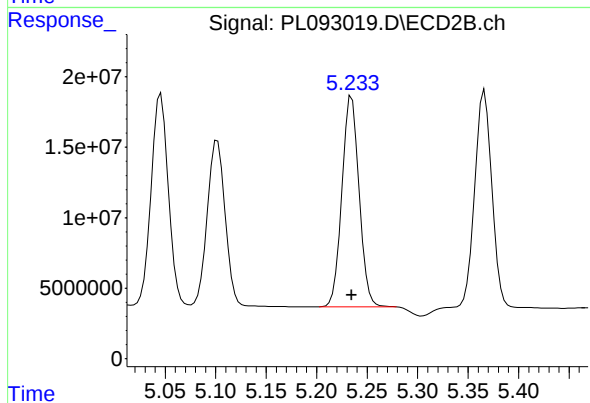
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 179016199
Conc: 53.82 ng/ml



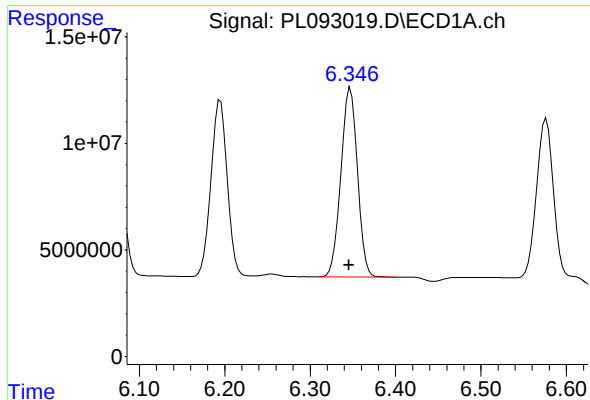
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 109376943
Conc: 46.17 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 177704108
Conc: 55.16 ng/ml



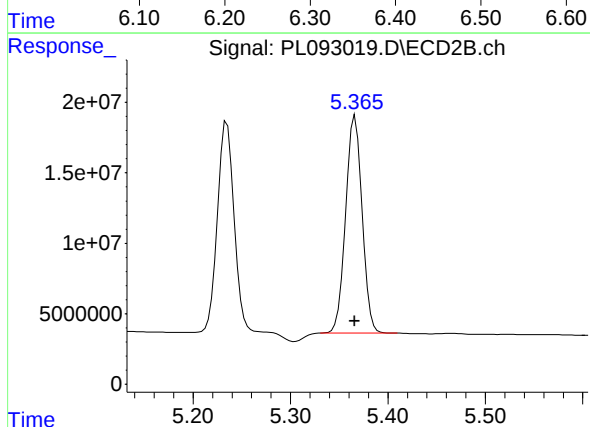
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.002 min
Response: 119401711
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

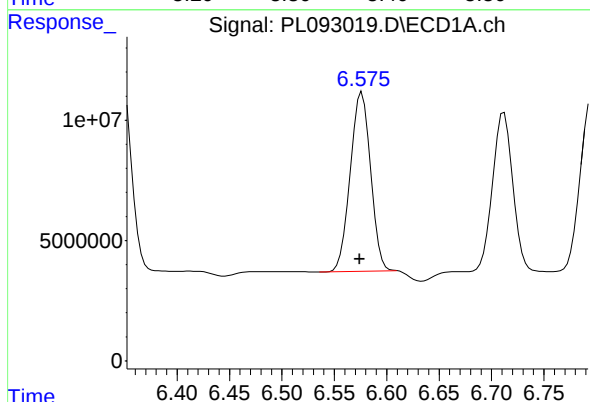
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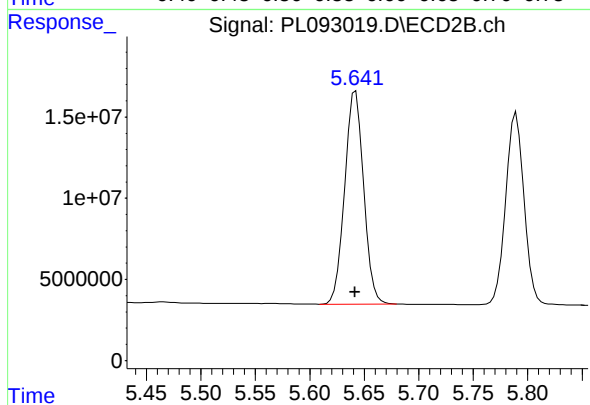
#13 Dieldrin

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 181341417
Conc: 54.29 ng/ml



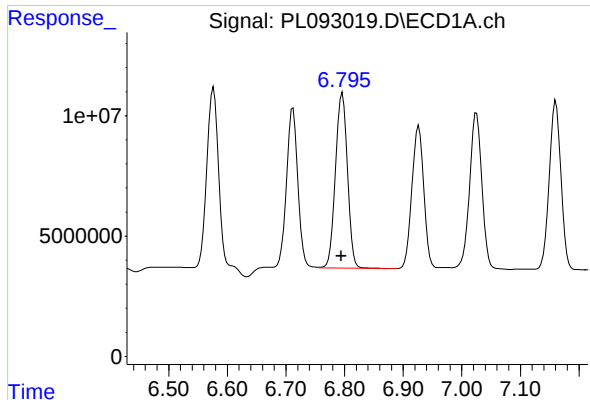
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.002 min
Response: 101079575
Conc: 44.40 ng/ml



#14 Endrin

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 158551312
Conc: 54.81 ng/ml



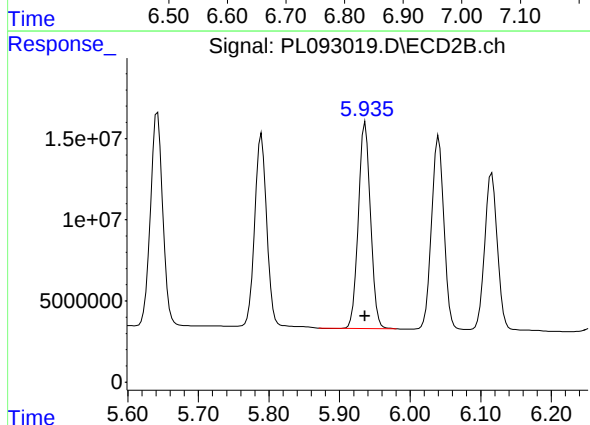
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.002 min
Response: 103032422
Conc: 43.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

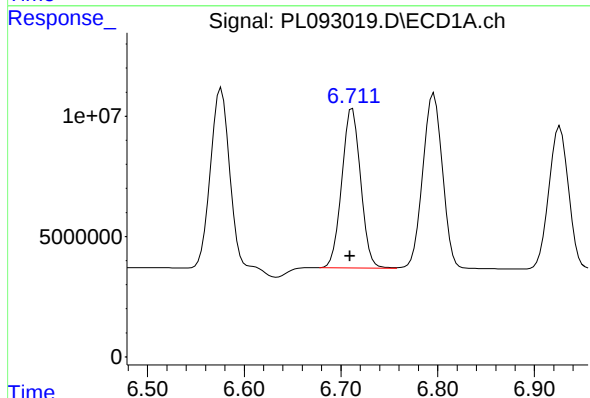
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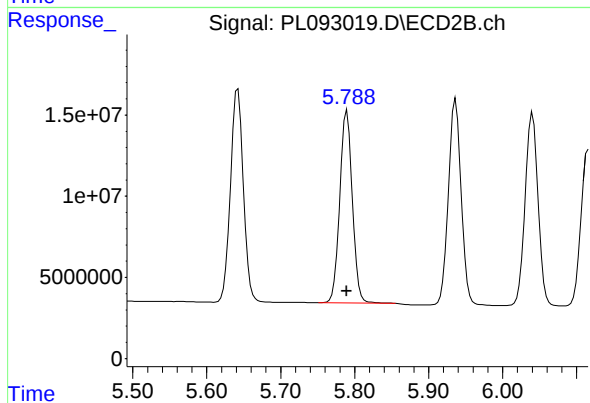
#15 Endosulfan II

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 151694903
Conc: 53.54 ng/ml



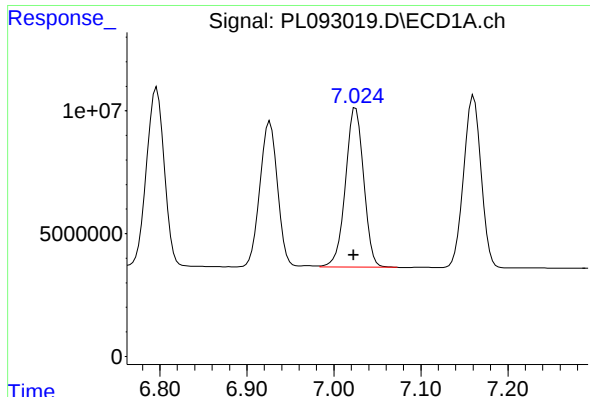
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 89436921
Conc: 46.59 ng/ml



#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 139517312
Conc: 56.03 ng/ml



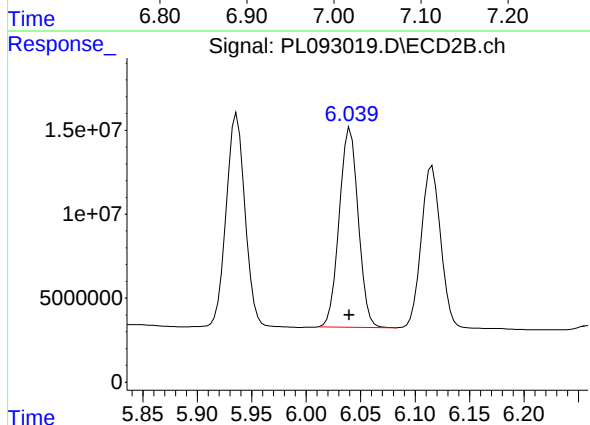
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 94953193
Conc: 45.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

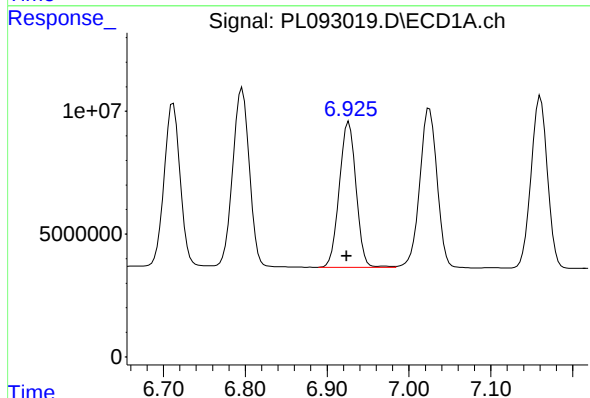
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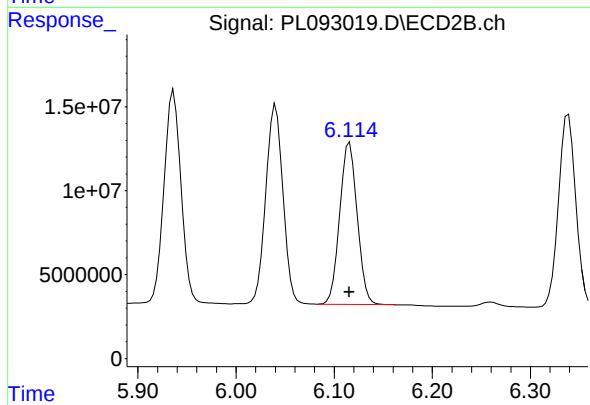
#17 4,4'-DDT

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 143348109
Conc: 53.44 ng/ml



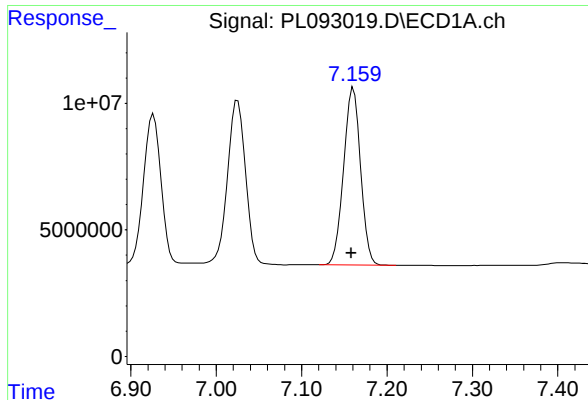
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 84612754
Conc: 45.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 119776649
Conc: 51.91 ng/ml



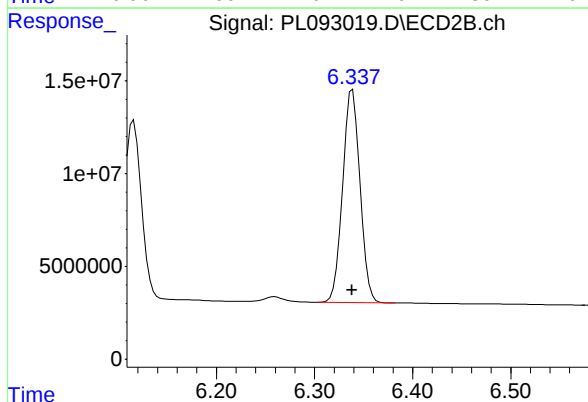
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.002 min
Response: 96625898
Conc: 44.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

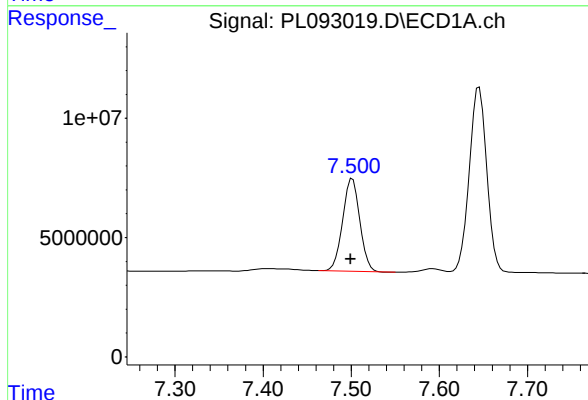
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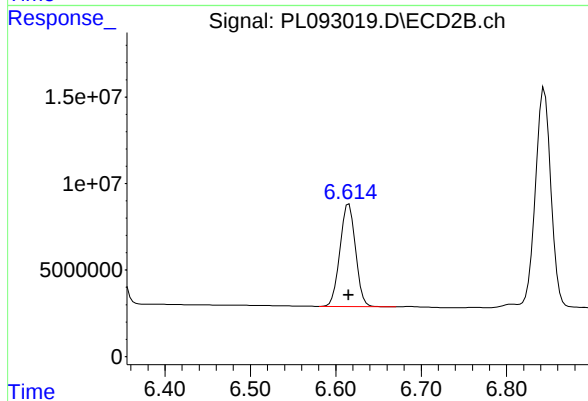
#19 Endosulfan Sulfate

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 141034431
Conc: 52.30 ng/ml



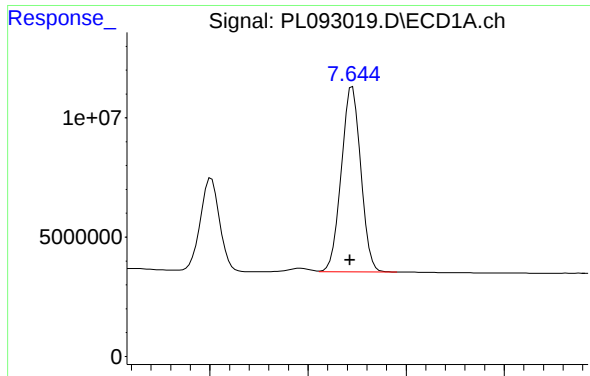
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.002 min
Response: 52368395
Conc: 45.94 ng/ml



#20 Methoxychlor

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 74616907
Conc: 52.25 ng/ml



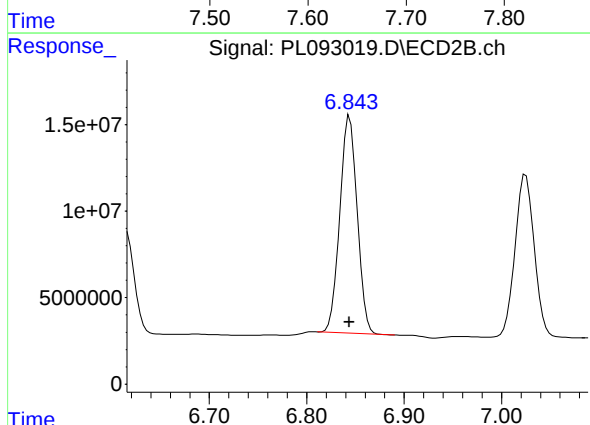
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.002 min
Response: 107123304
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

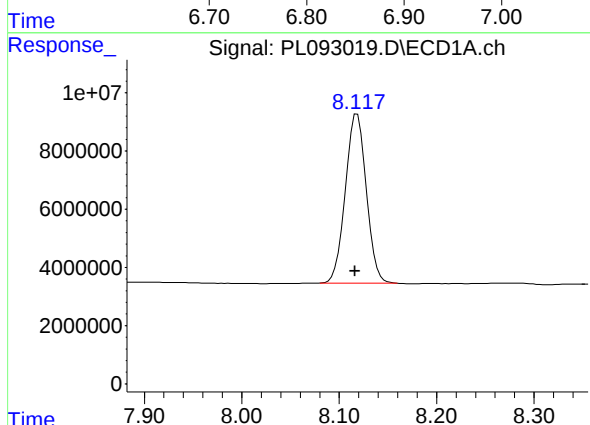
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :Ankita Jodhani 11/14/2024



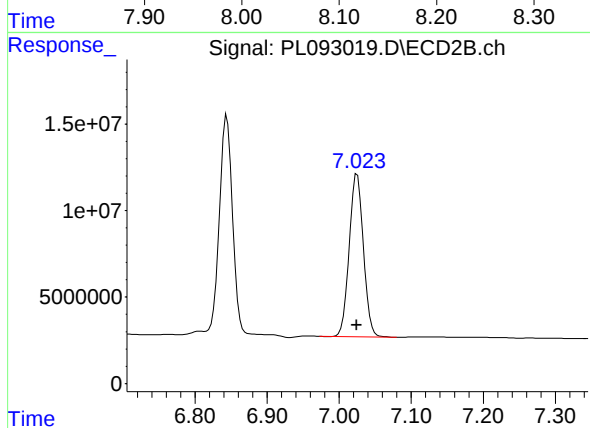
#21 Endrin ketone

R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 155626514
Conc: 50.71 ng/ml



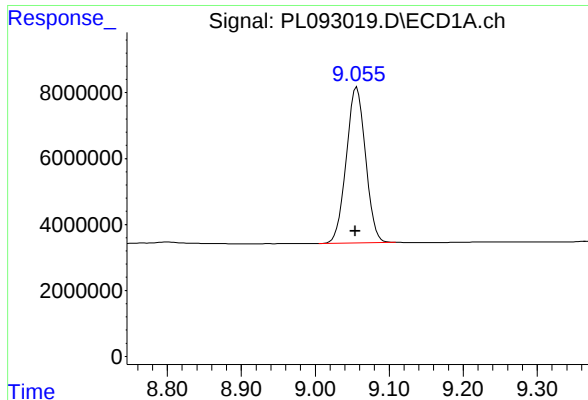
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 86871109
Conc: 43.84 ng/ml



#22 Mirex

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 129073747
Conc: 49.47 ng/ml



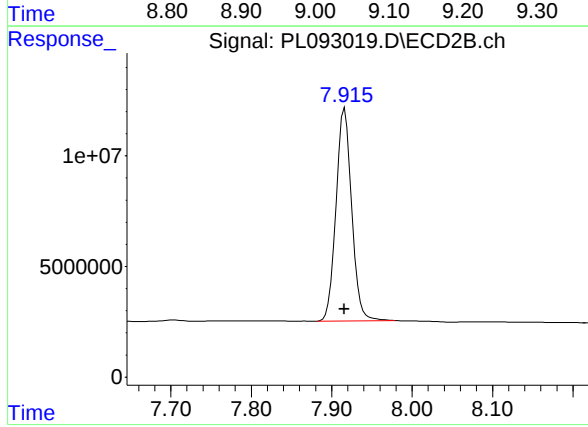
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 85475342
Conc: 44.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.916 min
Delta R.T.: 0.000 min
Response: 130432114
Conc: 47.79 ng/ml