

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012125\
 Data File : PL093748.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2025 16:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/22/2025
 Supervised By :Ankita Jodhani 01/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 17:02:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.775	126.7E6	158.7E6	47.051	48.613
28)	SA Decachlor...	9.053	7.909	99077369	171.3E6	47.362	48.882
Target Compounds							
2)	A alpha-BHC	3.994	3.277	178.8E6	240.6E6	46.642	49.207
3)	MA gamma-BHC...	4.326	3.607	173.1E6	233.7E6	46.993	49.286
4)	MA Heptachlor	4.913	3.945	153.5E6	226.8E6	46.823m	48.729
5)	MB Aldrin	5.256	4.225	151.7E6	223.8E6	46.378	49.057
6)	B beta-BHC	4.524	3.907	74986253	96674790	46.653	48.399
7)	B delta-BHC	4.771	4.135	164.8E6	233.8E6	47.015	49.206
8)	B Heptachlo...	5.682	4.727	136.2E6	205.0E6	45.794	49.043
9)	A Endosulfan I	6.068	5.097	122.6E6	190.2E6	46.403	49.055
10)	B gamma-Chl...	5.938	4.977	130.4E6	207.0E6	46.799	48.850
11)	B alpha-Chl...	6.017	5.040	130.2E6	205.1E6	46.687	48.982
12)	B 4,4'-DDE	6.191	5.229	117.3E6	199.0E6	48.179	49.634
13)	MA Dieldrin	6.343	5.361	128.9E6	209.4E6	46.442	48.746
14)	MA Endrin	6.572	5.636	105.1E6	171.9E6	44.810	46.562
15)	B Endosulfa...	6.792	5.931	112.1E6	181.5E6	46.527	49.010
16)	A 4,4'-DDD	6.708	5.784	93293715	160.9E6	49.087	50.974
17)	MA 4,4'-DDT	7.022	6.034	93794933	159.6E6	47.562	49.061
18)	B Endrin al...	6.921	6.110	92729110	149.4E6	47.699	49.063
19)	B Endosulfa...	7.157	6.333	105.5E6	174.9E6	46.584	49.051
20)	A Methoxychlor	7.498	6.609	50225196	85202675	48.136	47.649
21)	B Endrin ke...	7.642	6.838	120.7E6	209.8E6	47.853	49.998
22)	Mirex	8.115	7.018	97511898	163.9E6	46.825	48.461

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012125\
Data File : PL093748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2025 16:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

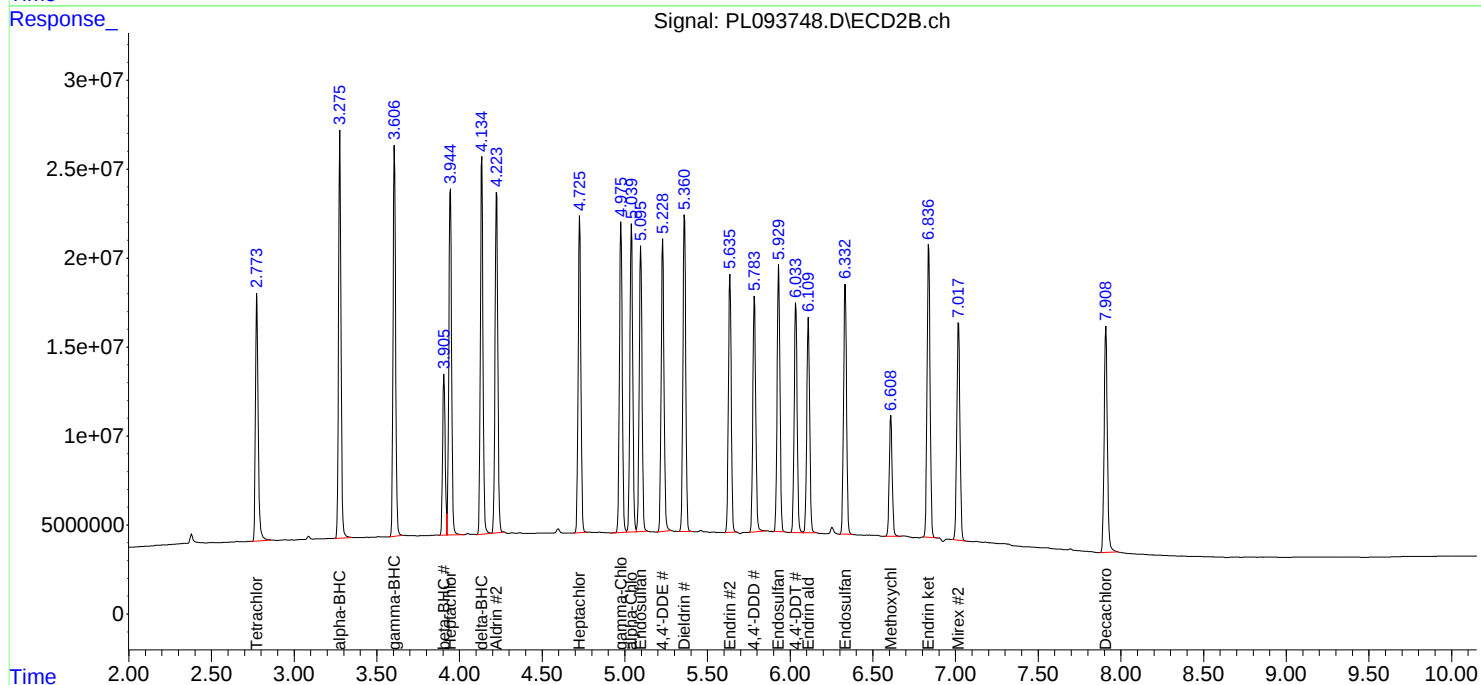
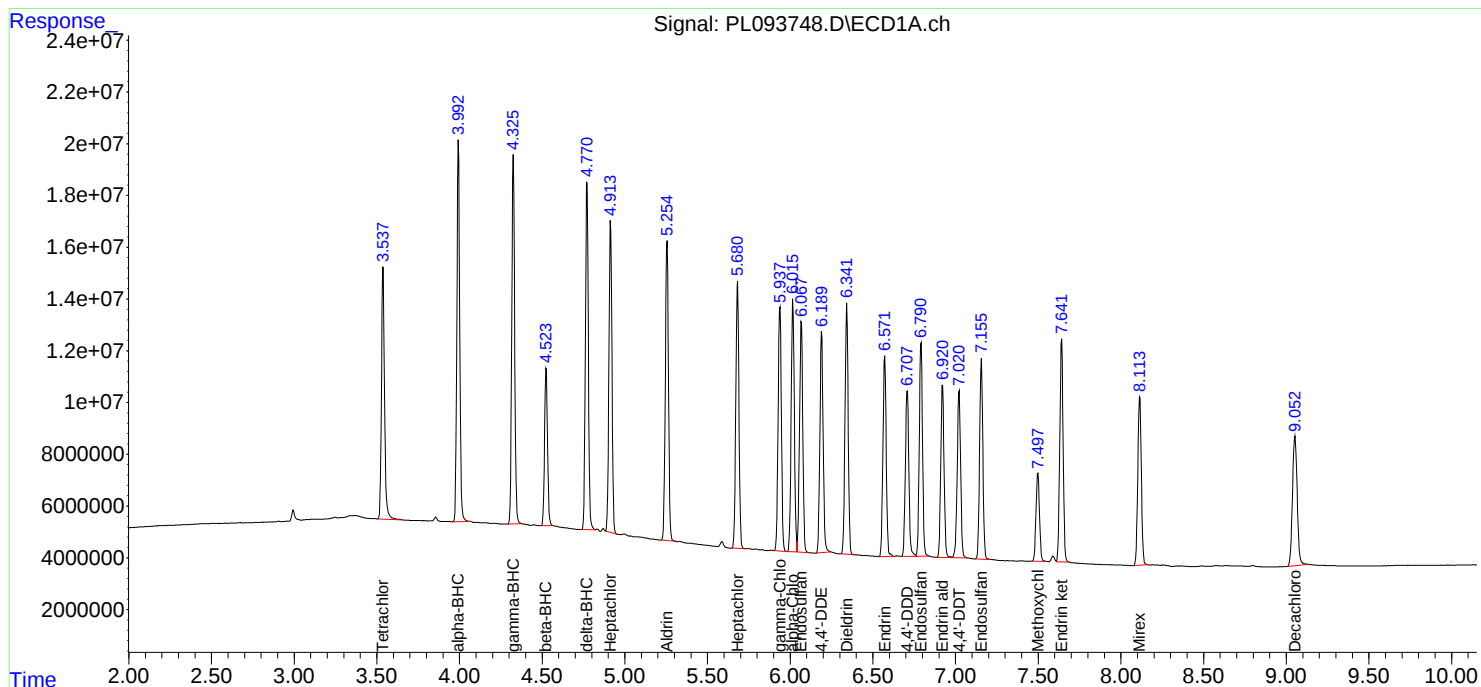
APPROVED

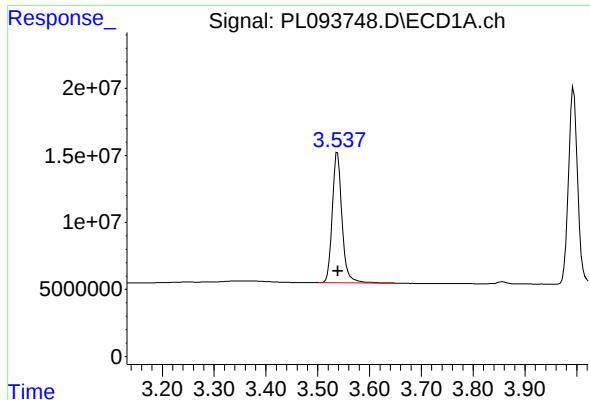
Reviewed By :Abdul Mirza 01/22/2025

Supervised By :Ankita Jodhani 01/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 17:02:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





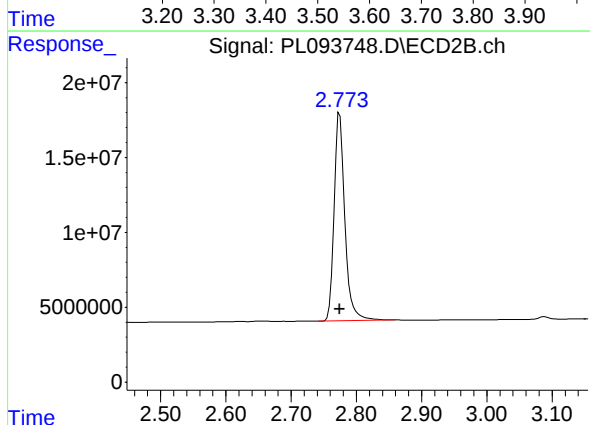
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 126696600
Conc: 47.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

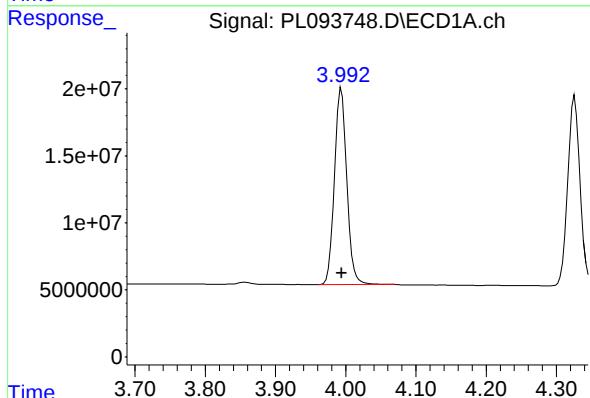
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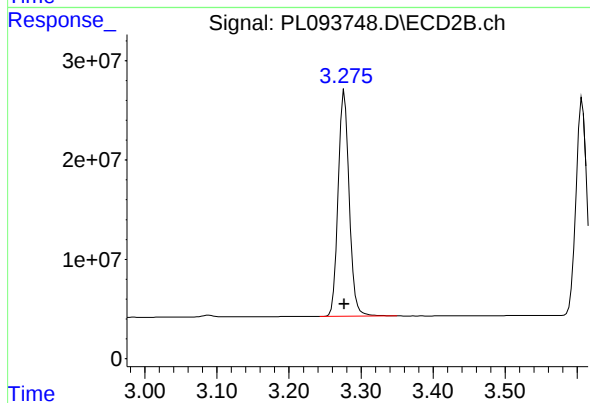
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 158679038
Conc: 48.61 ng/ml



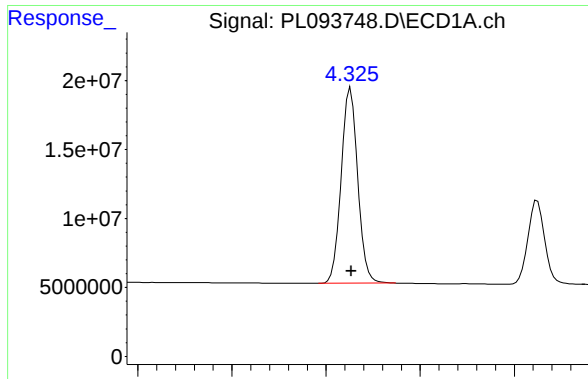
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 178818771
Conc: 46.64 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 240572552
Conc: 49.21 ng/ml



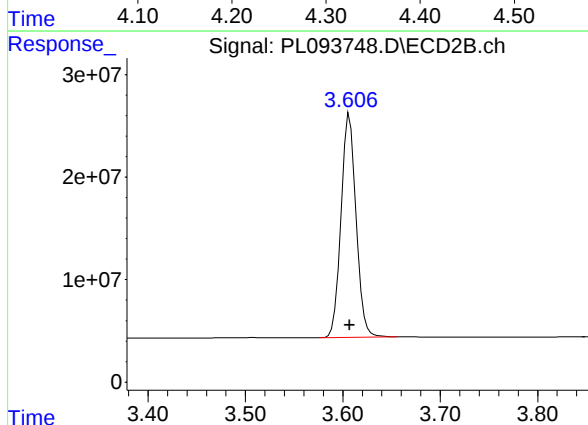
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 173067722
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

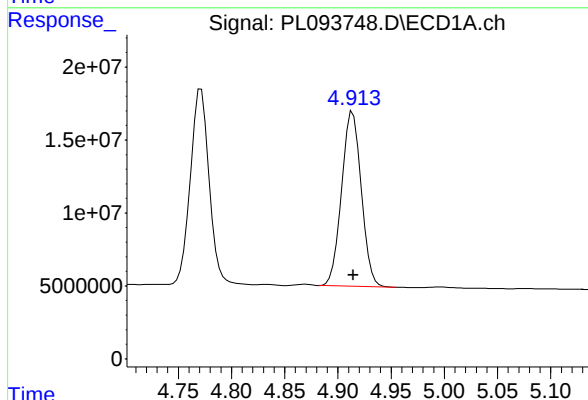
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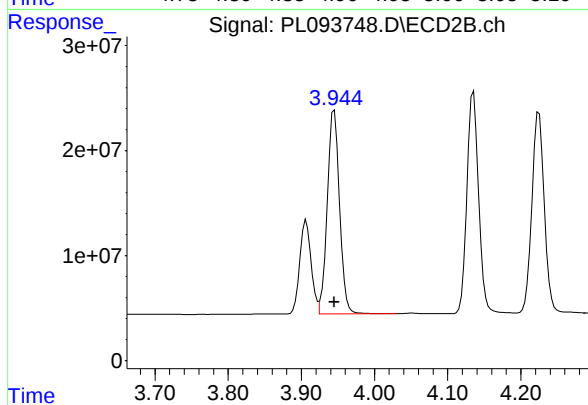
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 233676647
Conc: 49.29 ng/ml



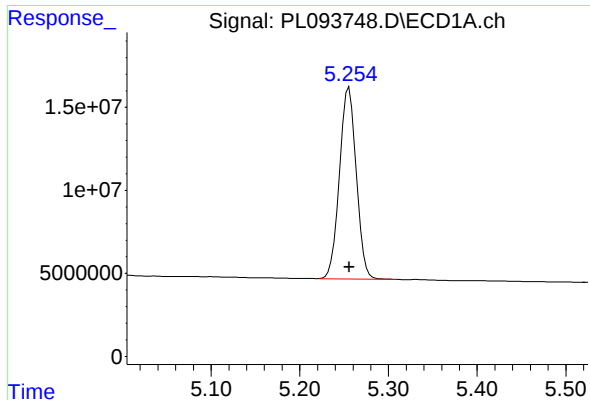
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 153455390
Conc: 46.82 ng/ml m



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 226825263
Conc: 48.73 ng/ml



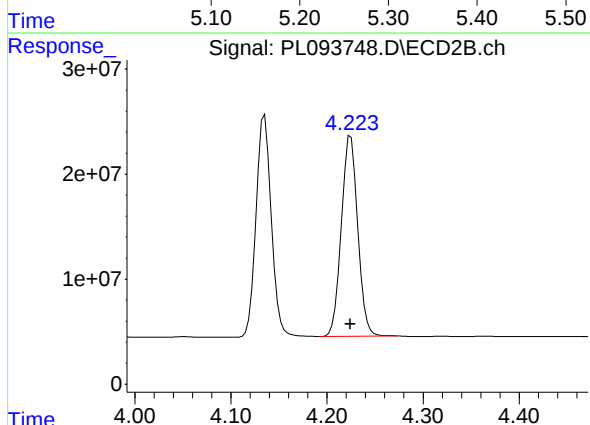
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 151748332
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

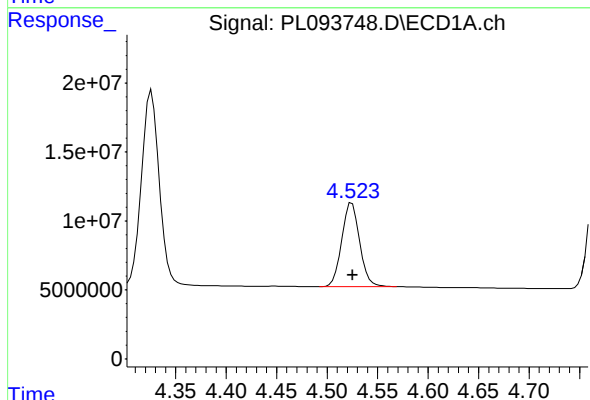
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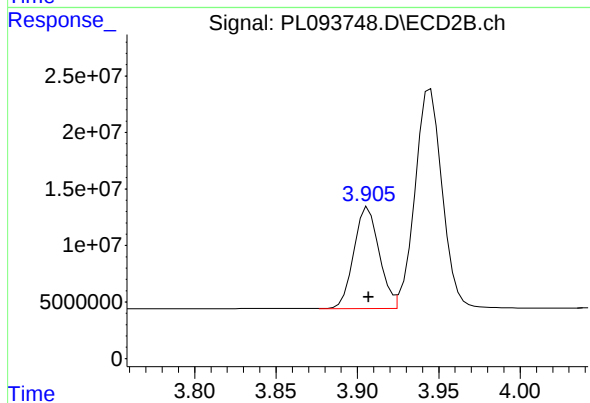
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 223789120
Conc: 49.06 ng/ml



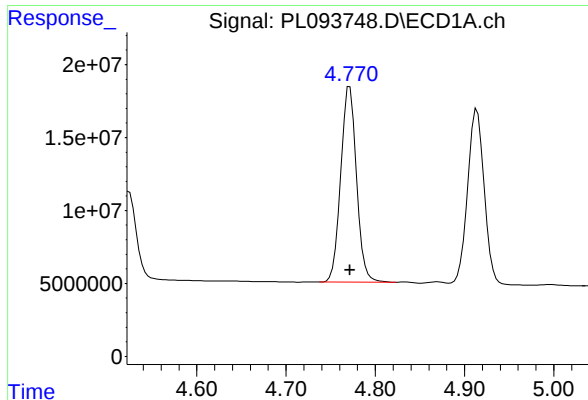
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 74986253
Conc: 46.65 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 96674790
Conc: 48.40 ng/ml



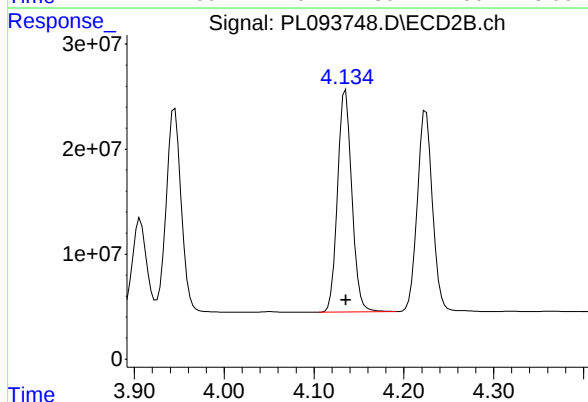
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 164802391
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

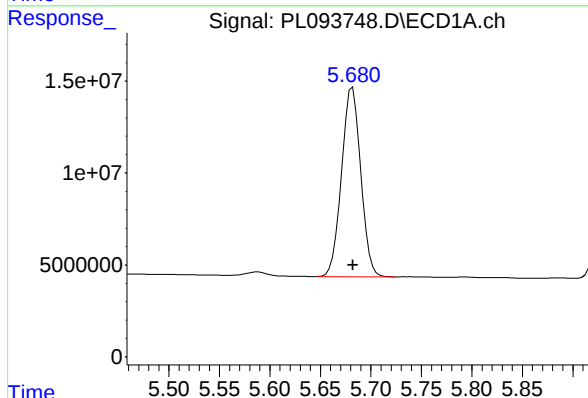
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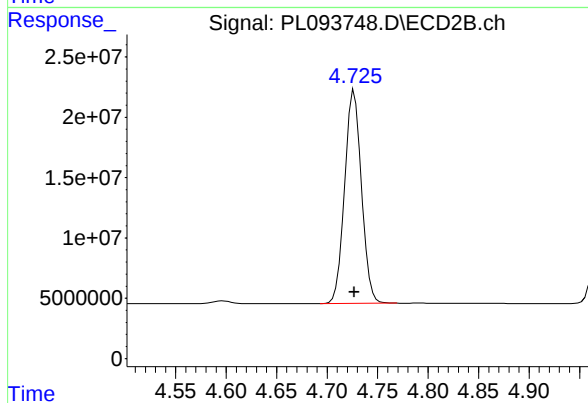
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 233787719
Conc: 49.21 ng/ml



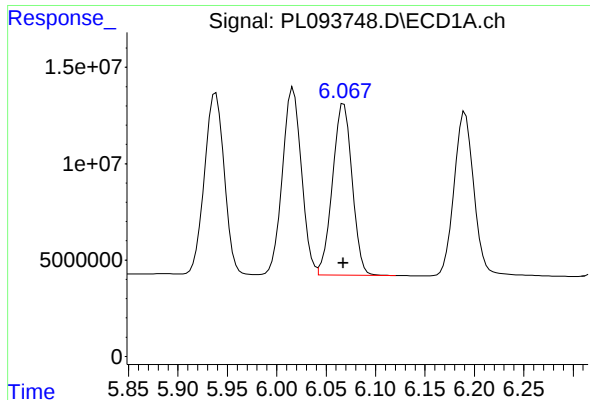
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 136182785
Conc: 45.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 205012018
Conc: 49.04 ng/ml



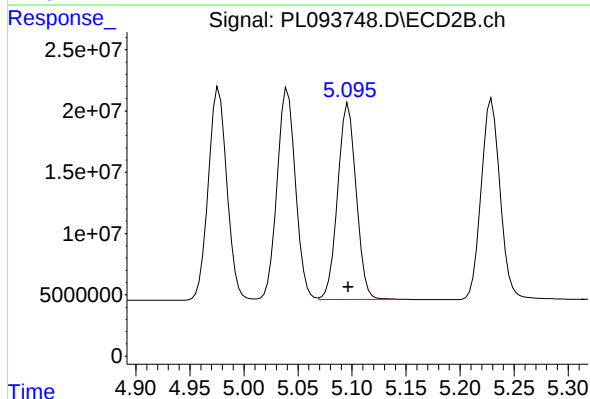
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 122637081
Conc: 46.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

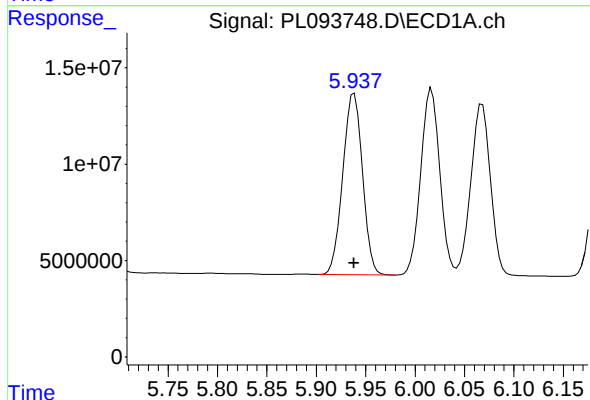
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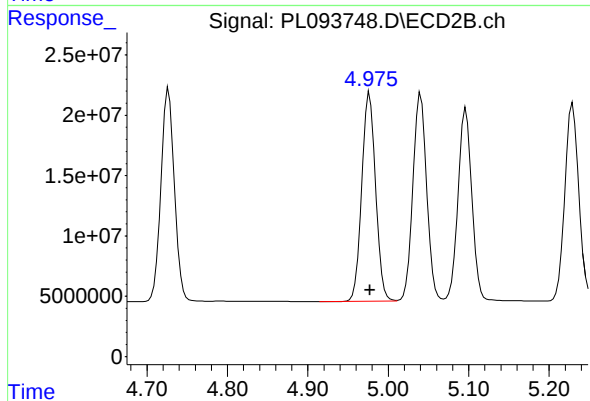
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 190182455
Conc: 49.06 ng/ml



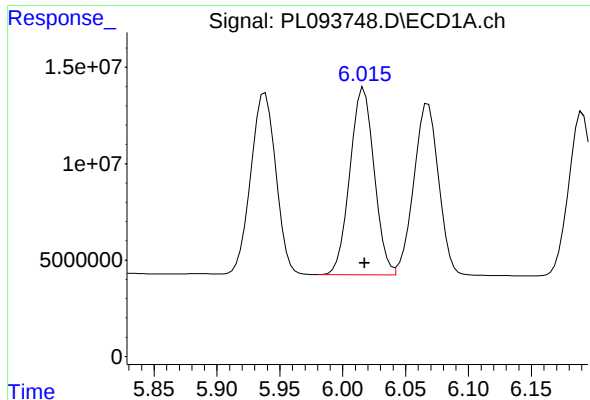
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 130445994
Conc: 46.80 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 207007947
Conc: 48.85 ng/ml



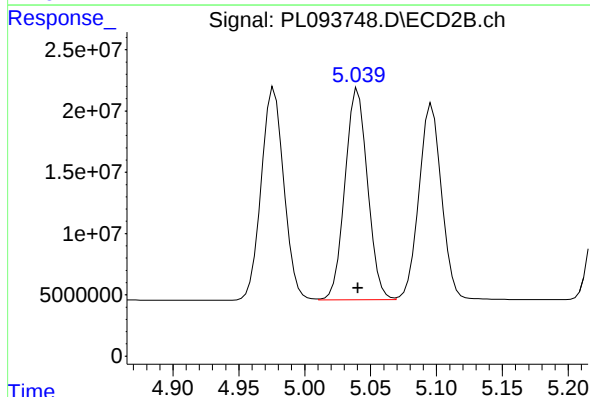
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 130181914
Conc: 46.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

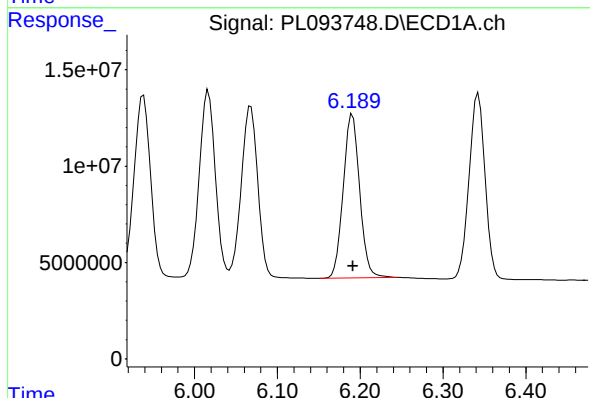
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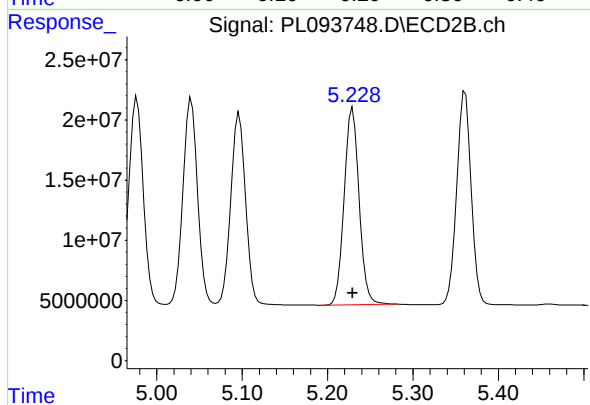
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 205067258
Conc: 48.98 ng/ml



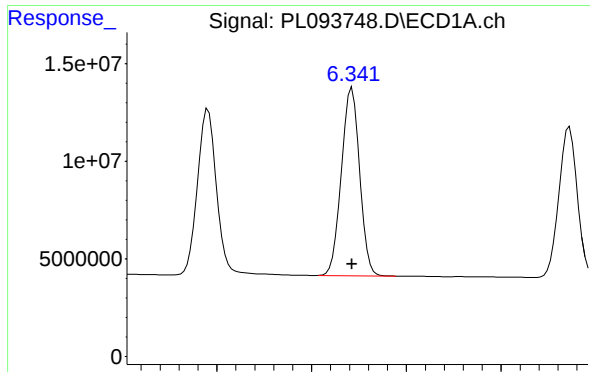
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 117296247
Conc: 48.18 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 199004160
Conc: 49.63 ng/ml



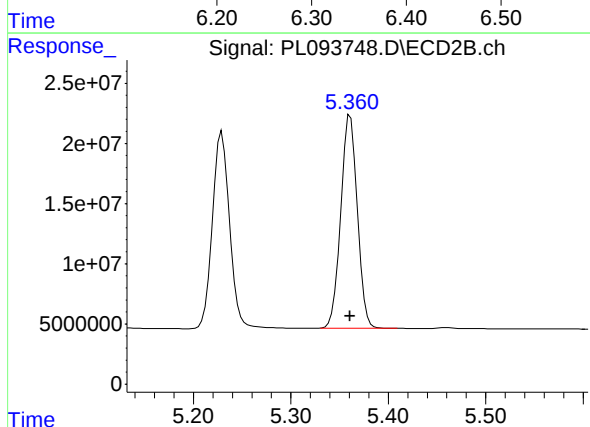
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 128916998
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

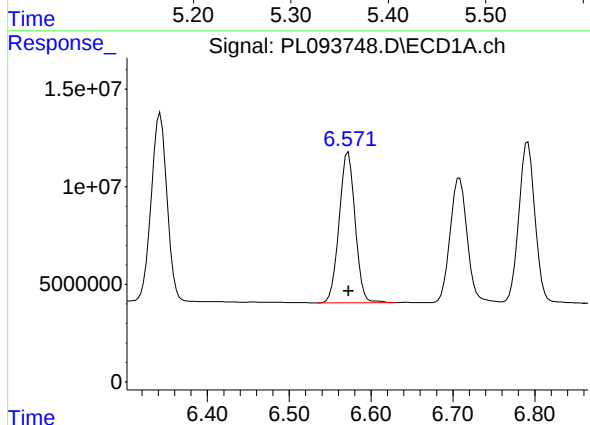
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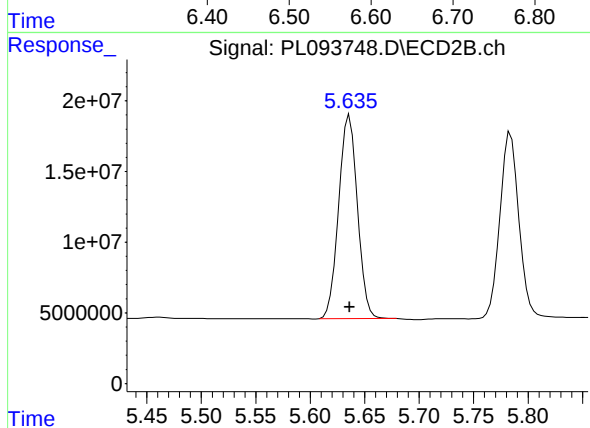
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 209397539
Conc: 48.75 ng/ml



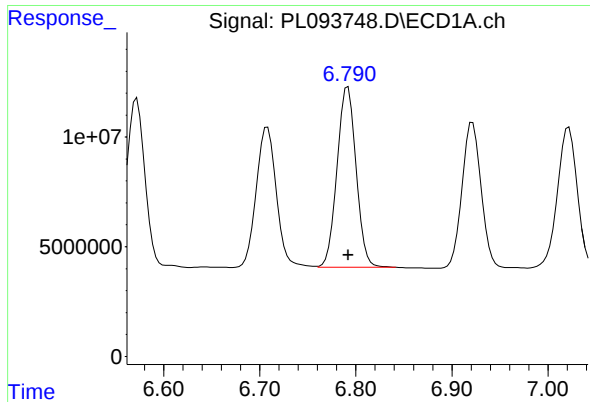
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 105071754
Conc: 44.81 ng/ml



#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 171939860
Conc: 46.56 ng/ml



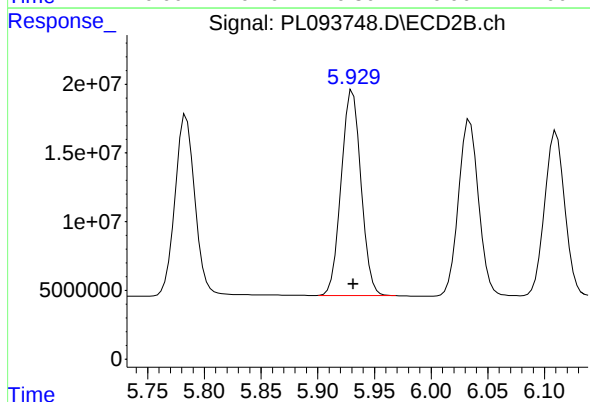
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 112100676
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

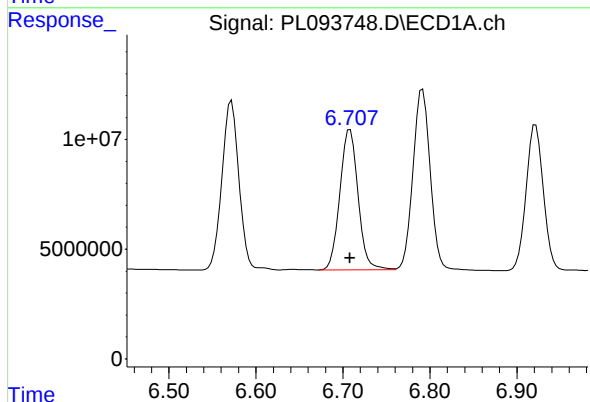
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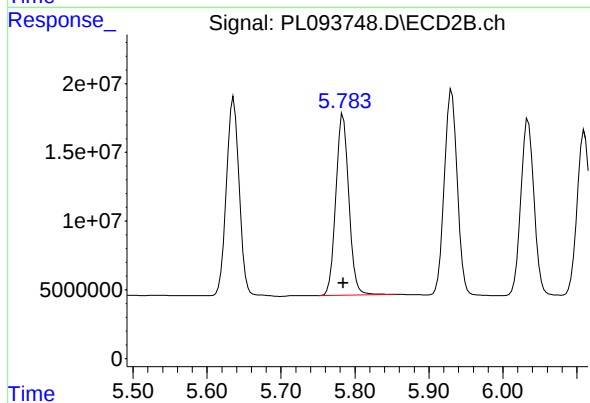
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 181523438
Conc: 49.01 ng/ml



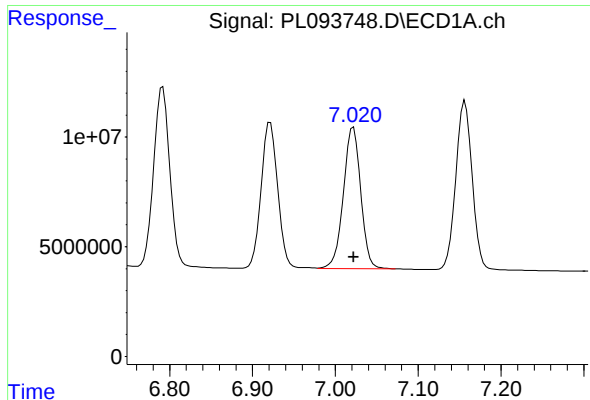
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 93293715
Conc: 49.09 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 160902324
Conc: 50.97 ng/ml



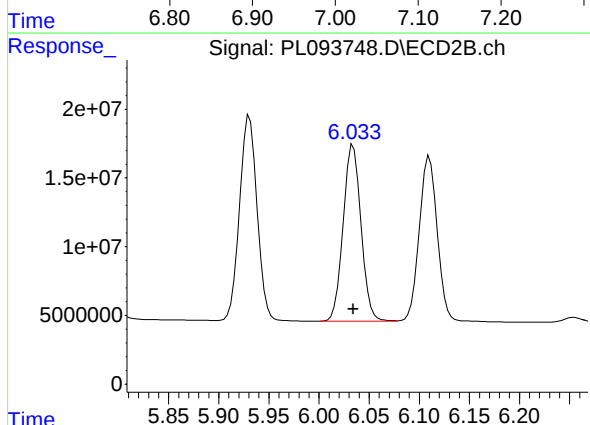
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 93794933
Conc: 47.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

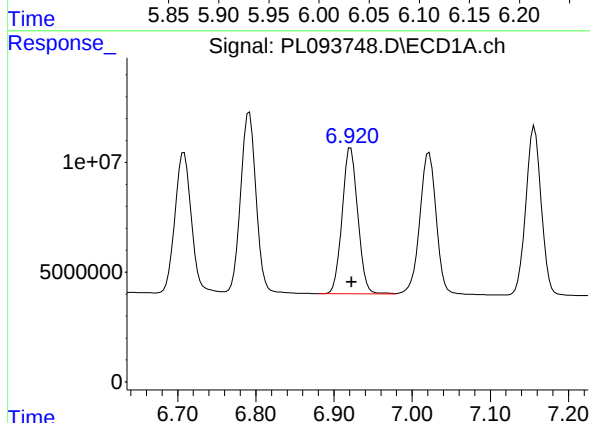
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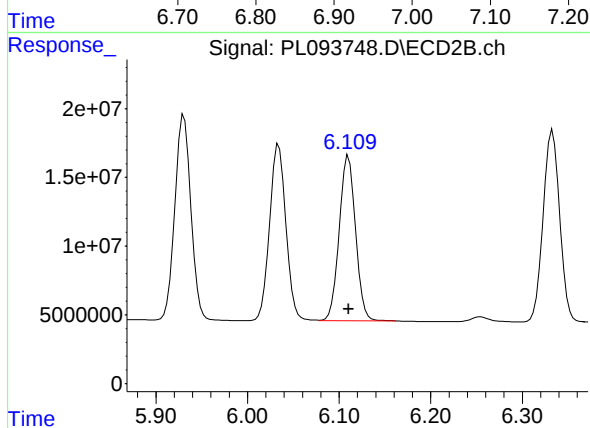
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 159647366
Conc: 49.06 ng/ml



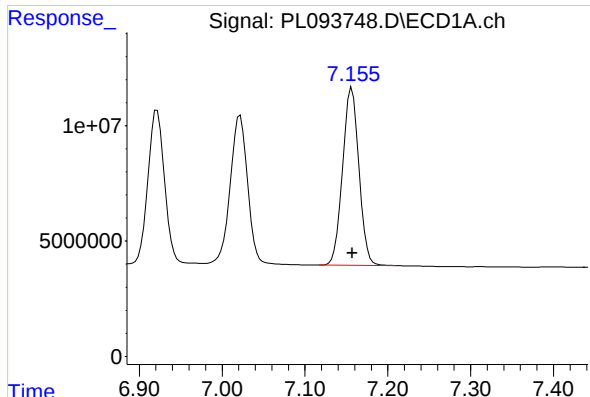
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.001 min
Response: 92729110
Conc: 47.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 149380381
Conc: 49.06 ng/ml



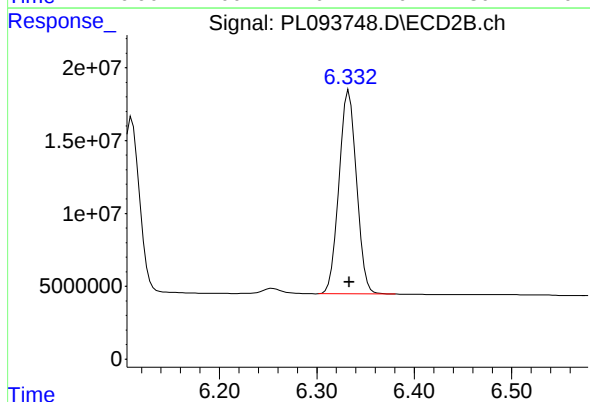
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 105454342
Conc: 46.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

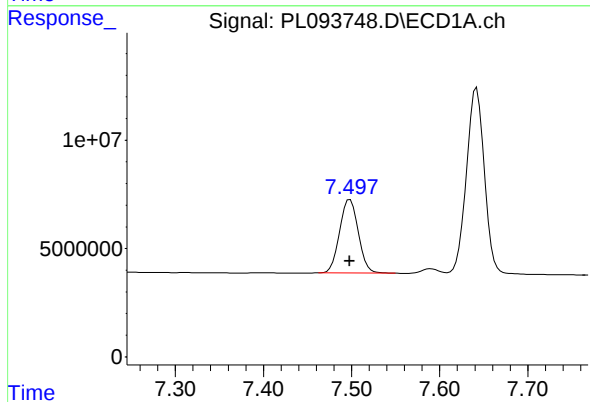
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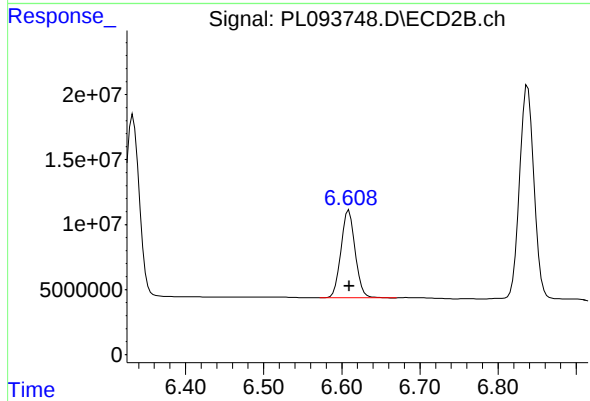
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 174918794
Conc: 49.05 ng/ml



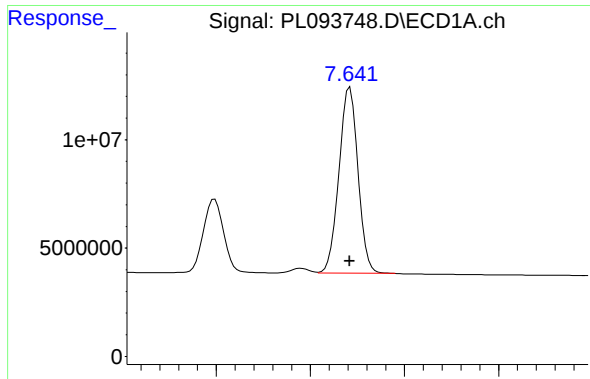
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 50225196
Conc: 48.14 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 85202675
Conc: 47.65 ng/ml



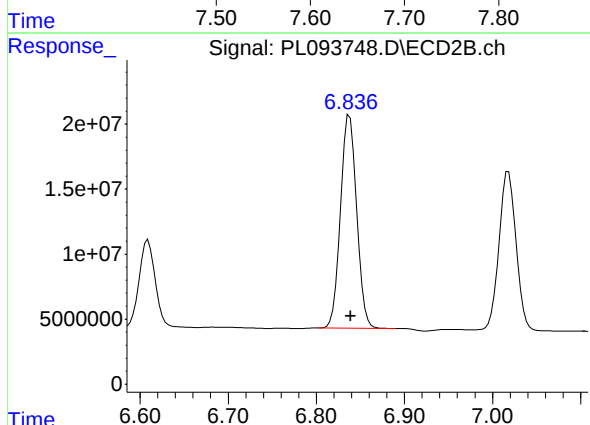
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 120714471
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

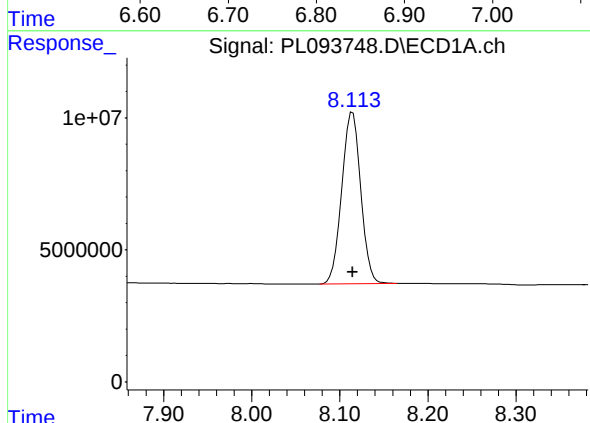
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/22/2025
Supervised By :Ankita Jodhani 01/22/2025



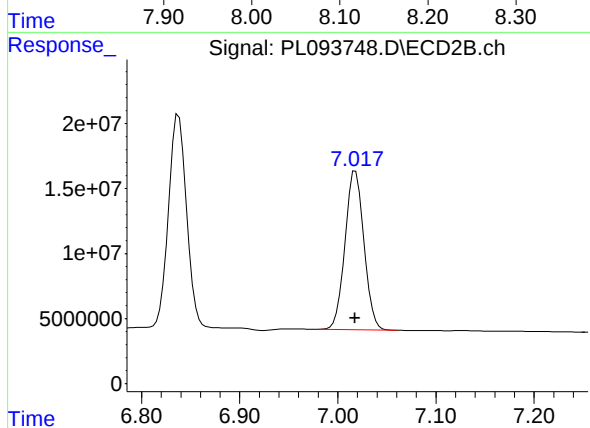
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 209752317
Conc: 50.00 ng/ml



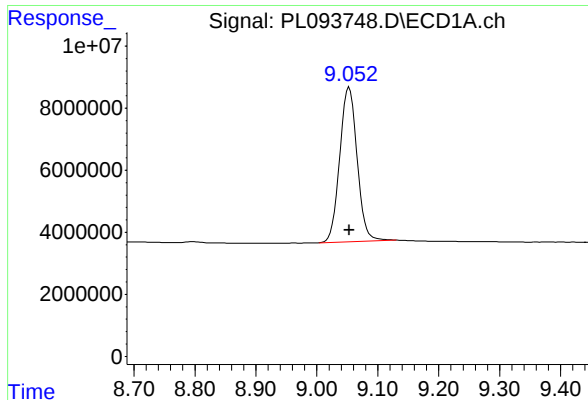
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 97511898
Conc: 46.82 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 163888881
Conc: 48.46 ng/ml



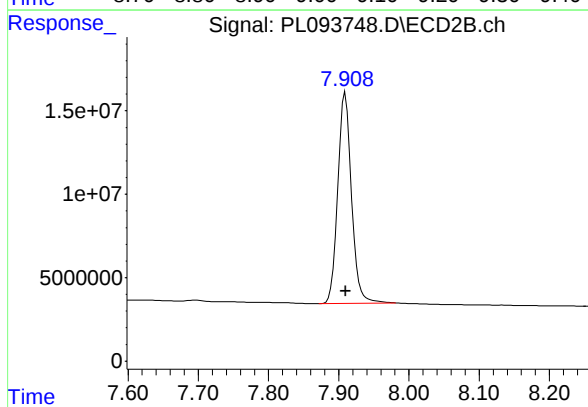
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 99077369
Conc: 47.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/22/2025
Supervised By :Ankita Jodhani 01/22/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: 0.000 min
Response: 171285176
Conc: 48.88 ng/ml