

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022625\
 Data File : PL094406.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 15:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/27/2025
 Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 22:32:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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	2.772	129.1E6	163.5E6	50.844	51.232
28)	SA Decachlor...	9.053	7.905	103.7E6	184.7E6	48.759	48.036
Target Compounds							
2)	A alpha-BHC	3.994	3.274	189.2E6	250.4E6	50.016	50.947
3)	MA gamma-BHC...	4.327	3.604	183.9E6	241.9E6	49.776	51.364
4)	MA Heptachlor	4.914	3.942	170.0E6	240.7E6	50.153	50.995
5)	MB Aldrin	5.256	4.221	169.8E6	236.4E6	49.490	51.171
6)	B beta-BHC	4.525	3.904	78395203	100.6E6	49.092	50.578
7)	B delta-BHC	4.772	4.132	175.8E6	241.6E6	49.688	51.018
8)	B Heptachlo...	5.682	4.723	154.3E6	215.3E6	51.203	50.596
9)	A Endosulfan I	6.068	5.093	135.2E6	175.5E6	49.187	44.031
10)	B gamma-Chl...	5.938	4.973	144.2E6	218.2E6	49.107	50.296
11)	B alpha-Chl...	6.017	5.037	144.3E6	216.8E6	49.823	50.208
12)	B 4,4'-DDE	6.191	5.224	133.7E6	217.9E6	51.206	51.888m
13)	MA Dieldrin	6.343	5.357	142.0E6	225.5E6	49.854	51.455
14)	MA Endrin	6.571	5.633	120.5E6	193.8E6	47.221m	56.911
15)	B Endosulfa...	6.793	5.928	120.8E6	194.5E6	47.994	52.020
16)	A 4,4'-DDD	6.708	5.781	100.9E6	172.9E6	54.547	54.289
17)	MA 4,4'-DDT	7.022	6.031	109.1E6	191.0E6	51.951	53.685
18)	B Endrin al...	6.923	6.107	97156493	160.4E6	49.906	50.749
19)	B Endosulfa...	7.158	6.330	110.6E6	187.3E6	48.838	50.720
20)	A Methoxychlor	7.499	6.606	57849951	104.0E6	52.068	53.308
21)	B Endrin ke...	7.643	6.834	122.1E6	226.1E6	48.708	52.984m
22)	Mirex	8.115	7.014	97943543	175.9E6	47.469	50.453

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022625\
Data File : PL094406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 15:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

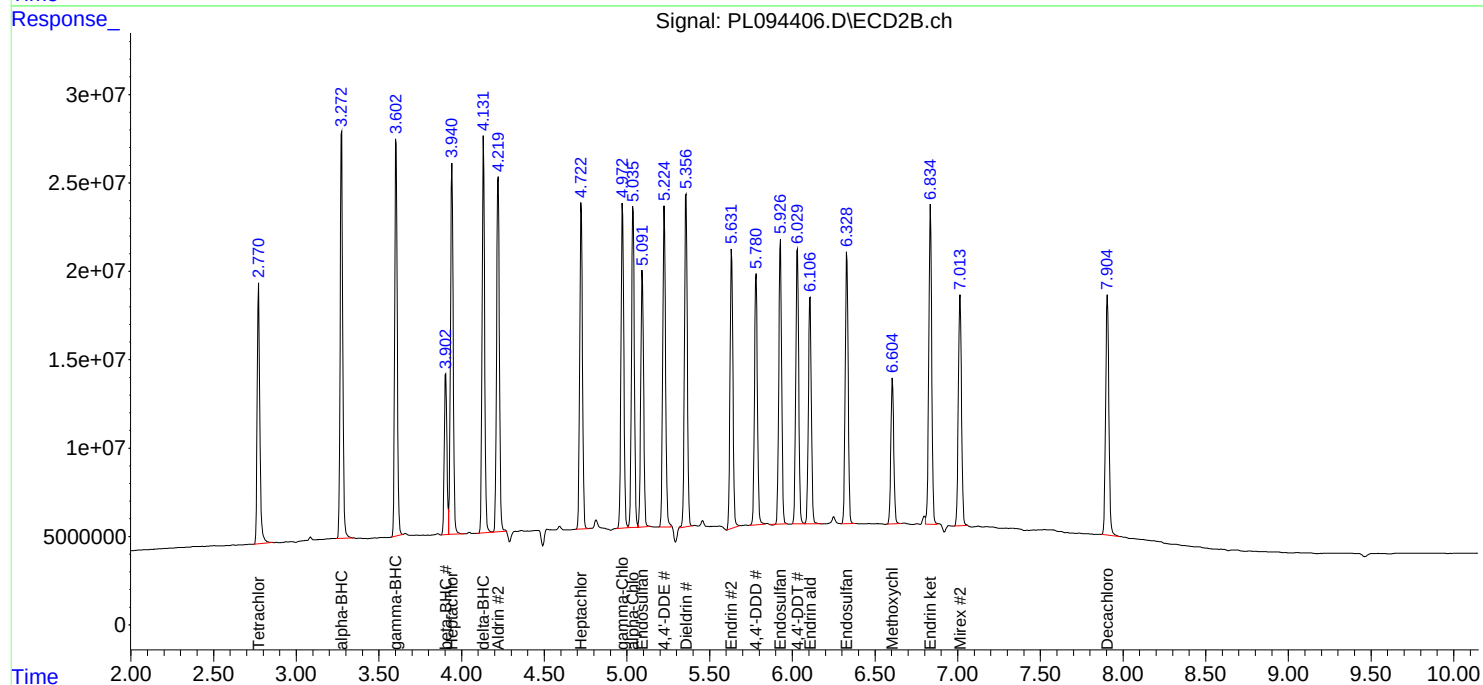
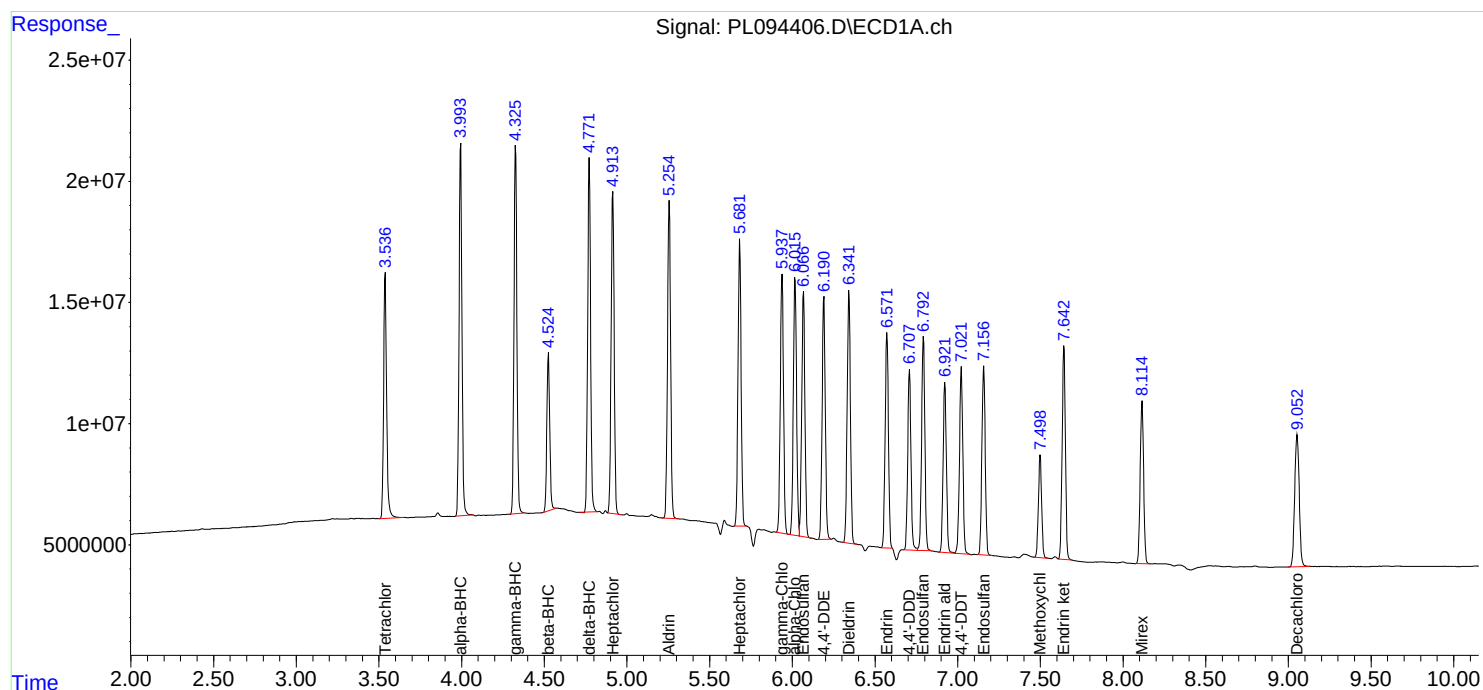
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

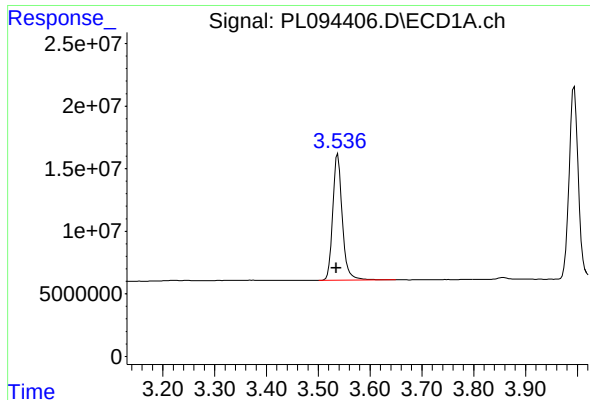
Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 22:32:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





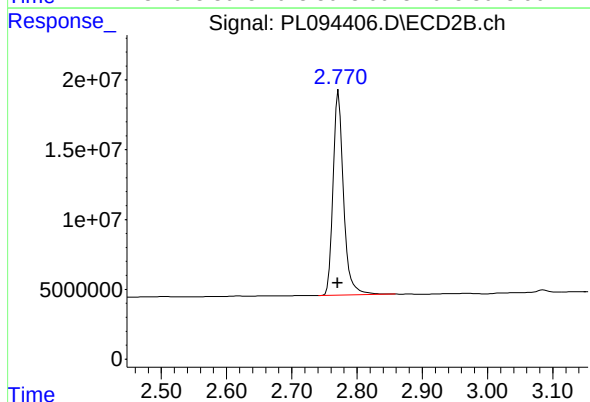
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 129097224
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

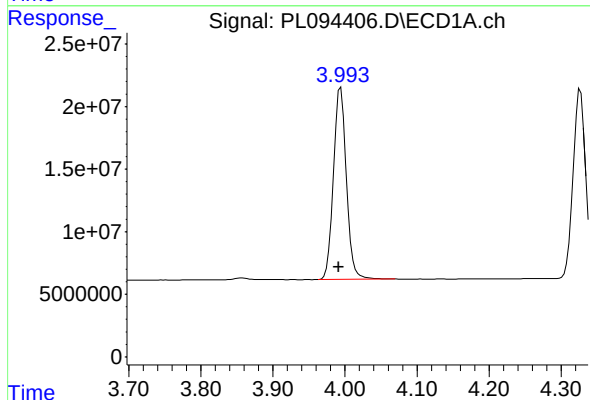
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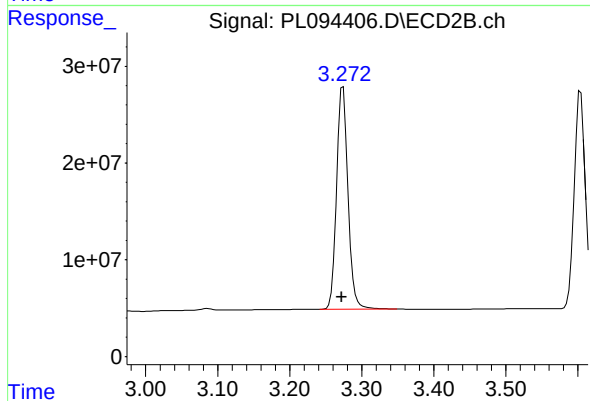
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 163489314
Conc: 51.23 ng/ml



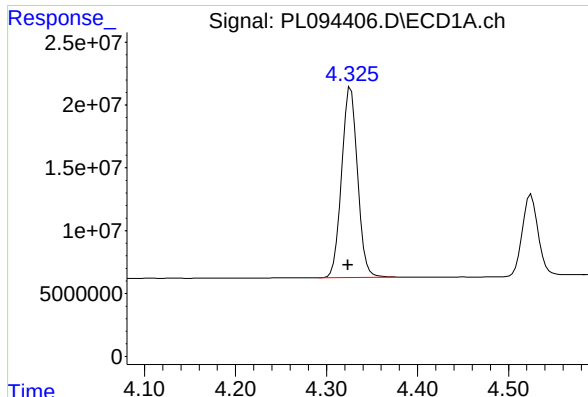
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.003 min
Response: 189193288
Conc: 50.02 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 250394262
Conc: 50.95 ng/ml



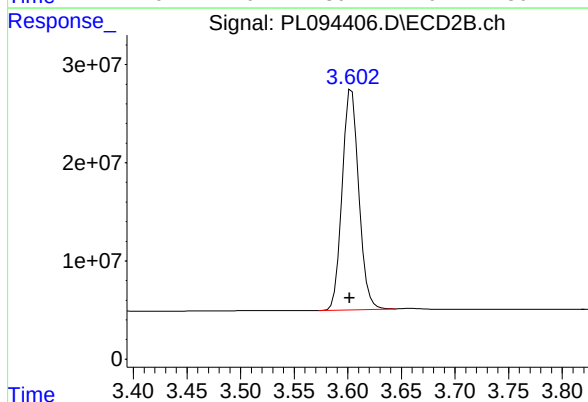
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.003 min
Response: 183907802
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

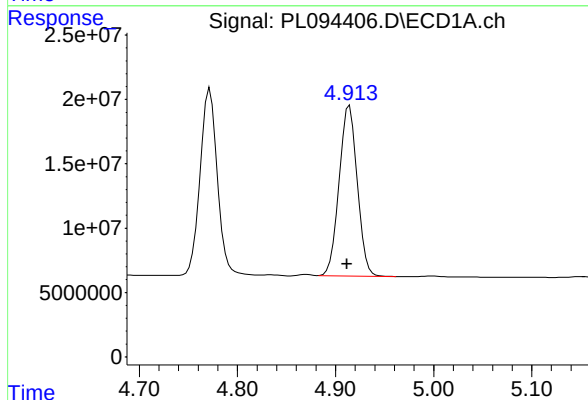
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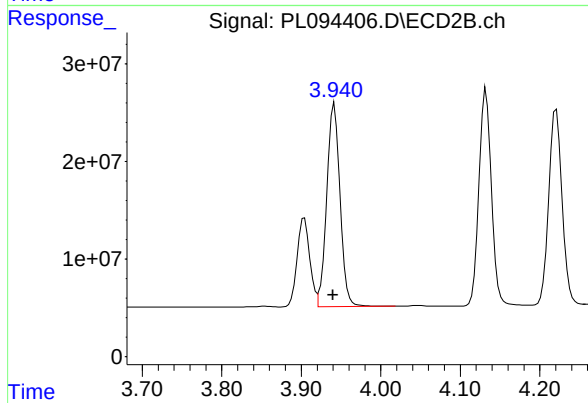
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 241921870
Conc: 51.36 ng/ml



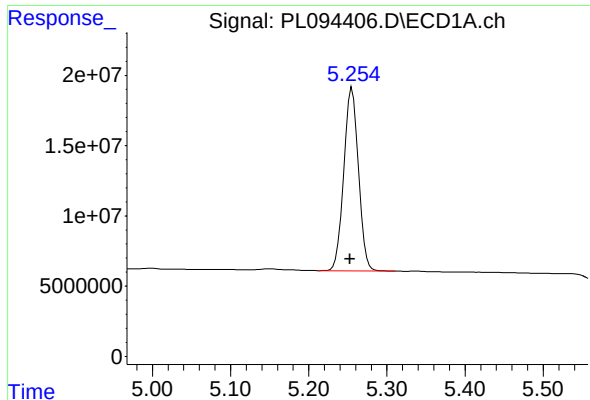
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.003 min
Response: 170035417
Conc: 50.15 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 240713885
Conc: 51.00 ng/ml



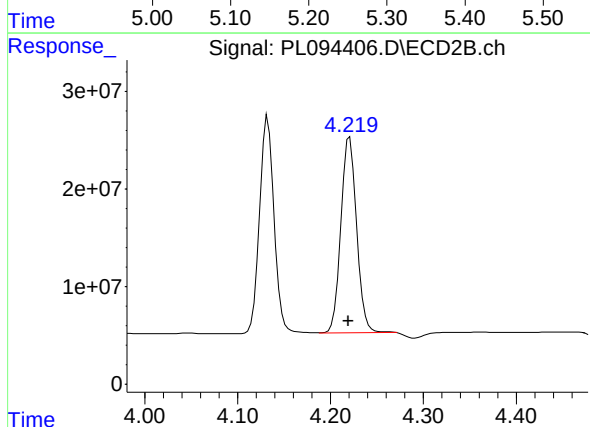
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 169838124
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

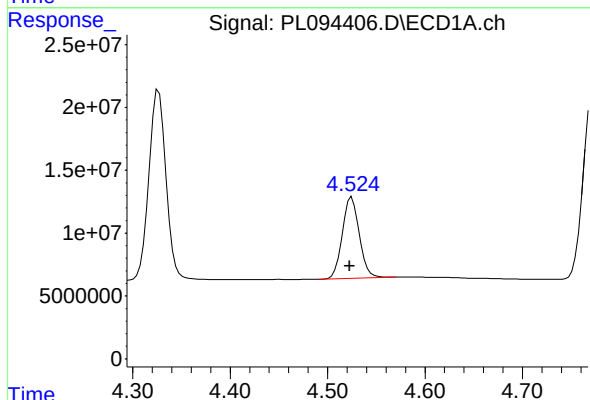
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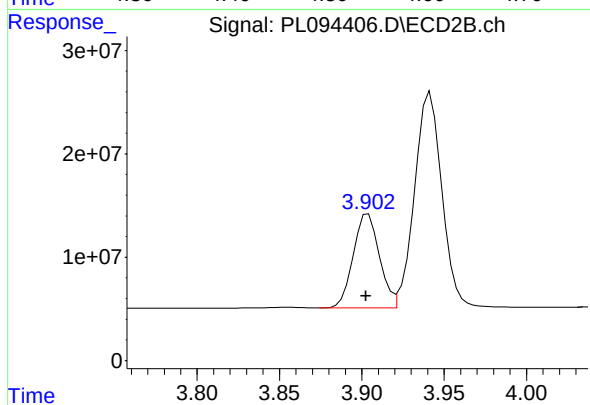
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 236430427
Conc: 51.17 ng/ml



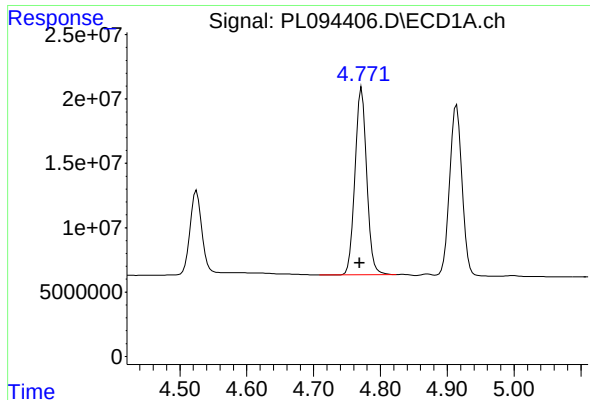
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 78395203
Conc: 49.09 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 100595857
Conc: 50.58 ng/ml



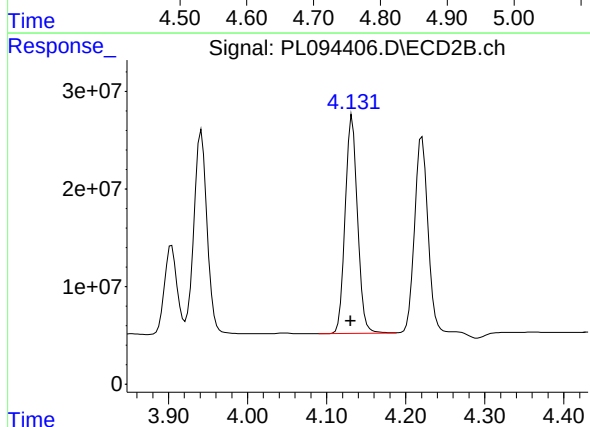
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.003 min
Response: 175809456
Conc: 49.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

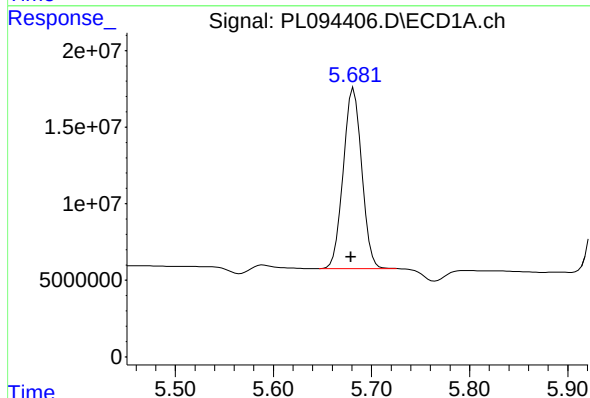
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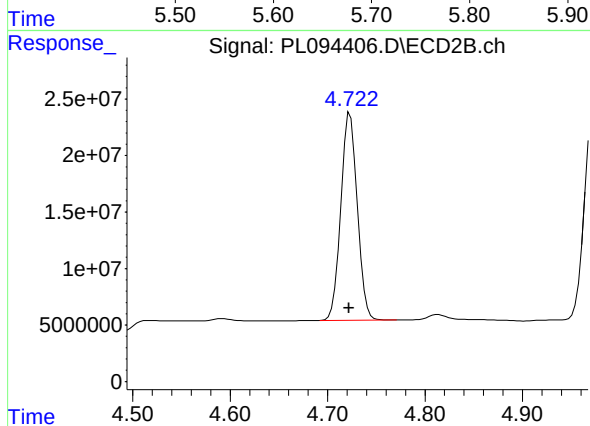
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 241605839
Conc: 51.02 ng/ml



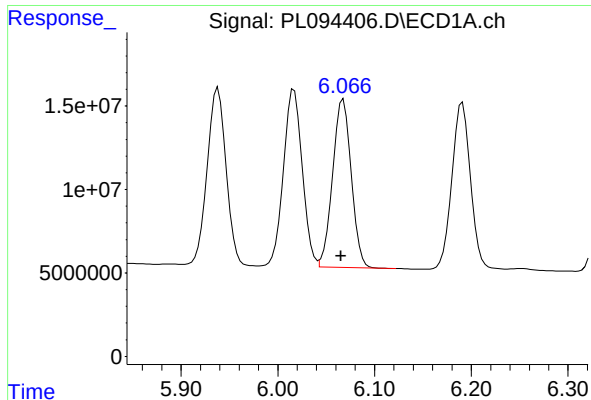
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 154294439
Conc: 51.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.001 min
Response: 215303654
Conc: 50.60 ng/ml



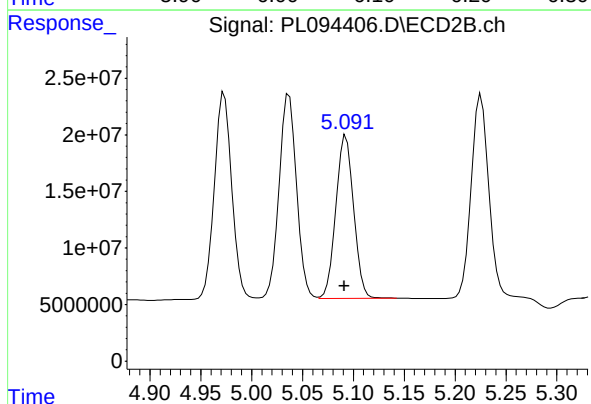
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 135196834
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

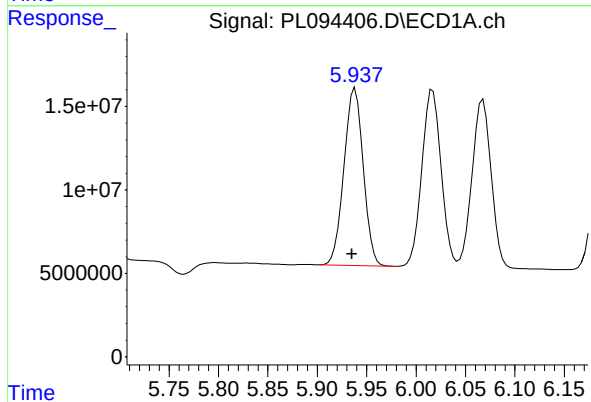
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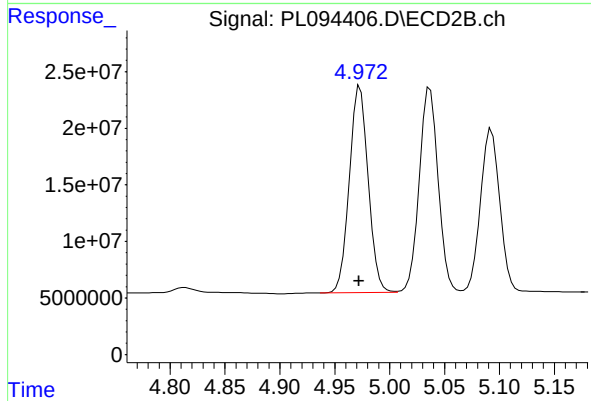
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.001 min
Response: 175531689
Conc: 44.03 ng/ml



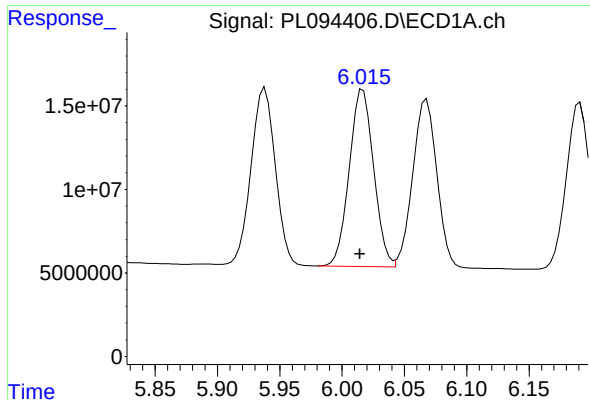
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 144184242
Conc: 49.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 218224266
Conc: 50.30 ng/ml



#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.002 min
Response: 144340266
Conc: 49.82 ng/ml

Instrument :

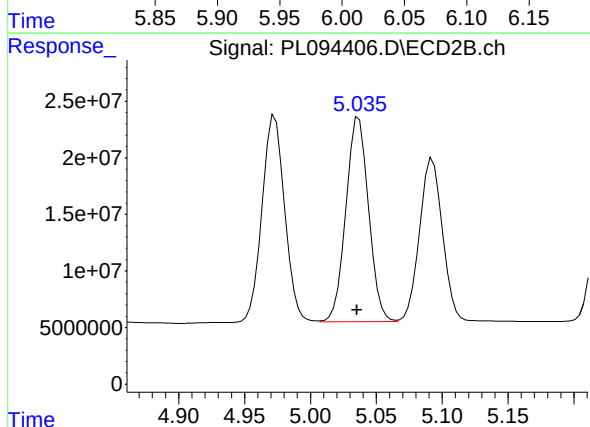
ECD_L

ClientSampleId :

PSTDCCC050

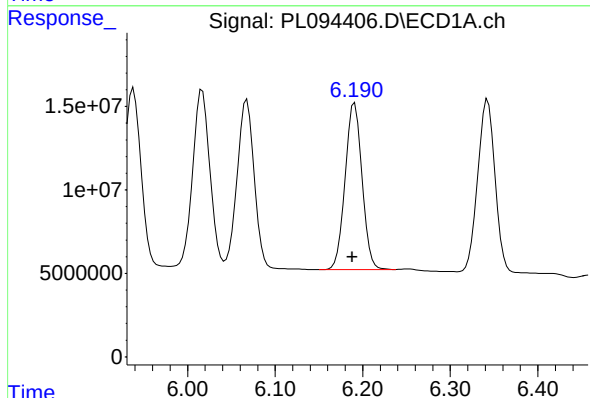
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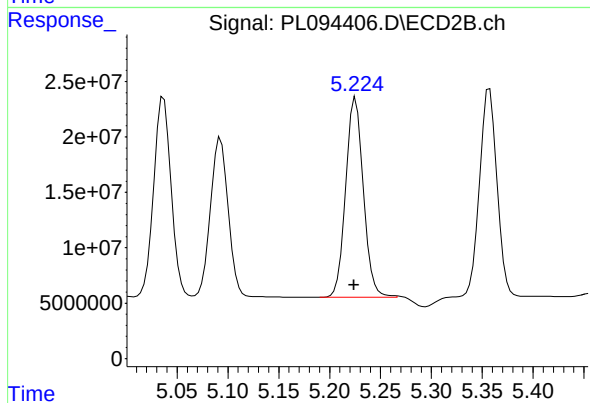
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 216776344
Conc: 50.21 ng/ml



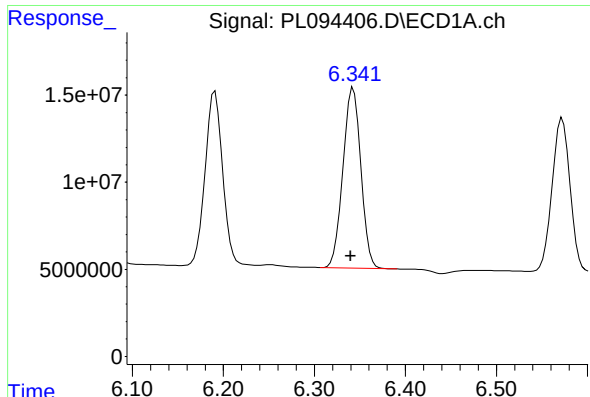
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 133734693
Conc: 51.21 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 217928966
Conc: 51.89 ng/ml m



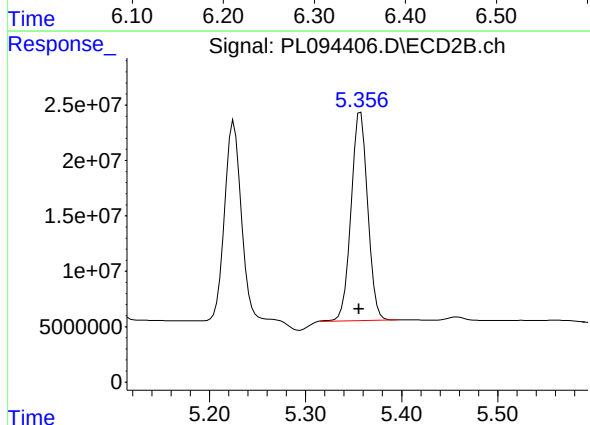
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 142034759
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

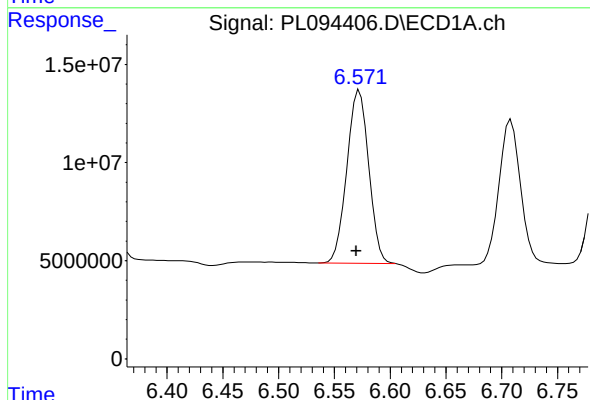
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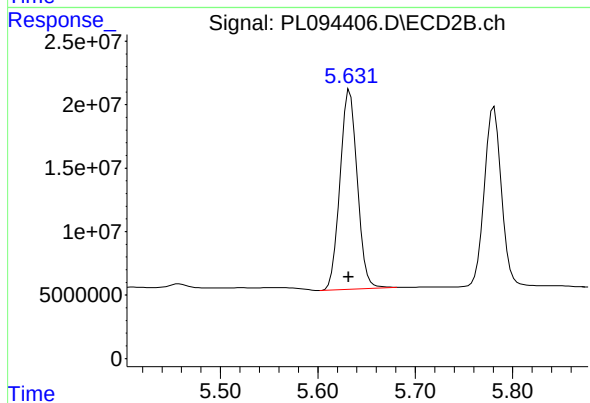
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 225462391
Conc: 51.45 ng/ml



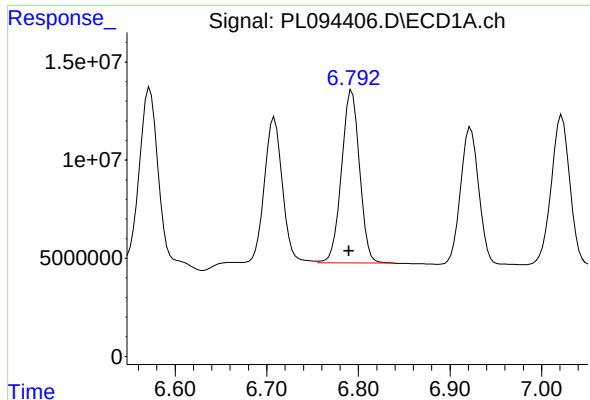
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.001 min
Response: 120520461
Conc: 47.22 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 193765526
Conc: 56.91 ng/ml



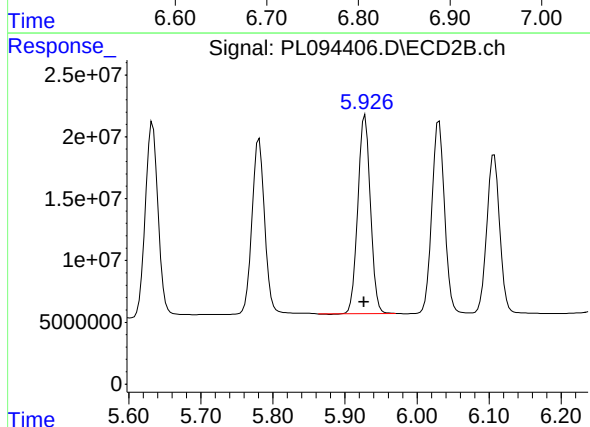
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 120812583
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

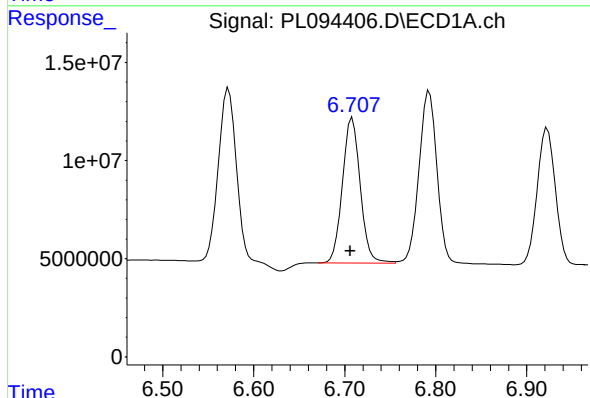
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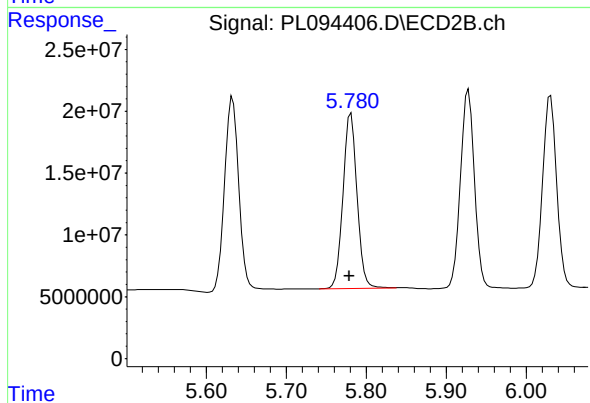
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 194528907
Conc: 52.02 ng/ml



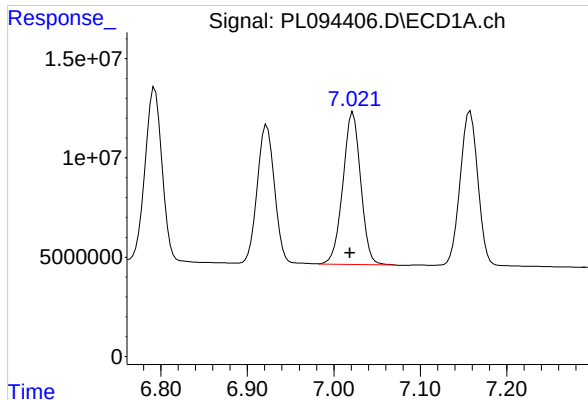
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 100897692
Conc: 54.55 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 172927460
Conc: 54.29 ng/ml



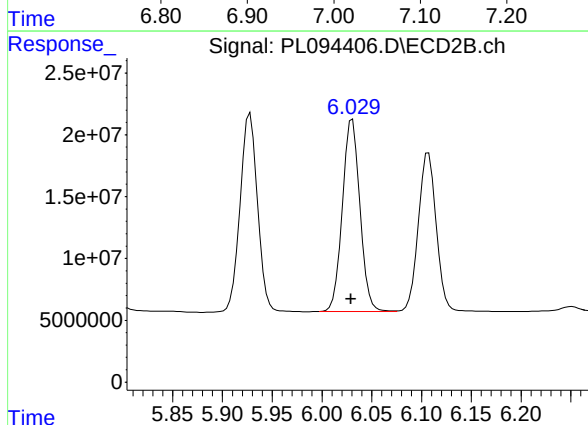
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.003 min
Response: 109099384
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

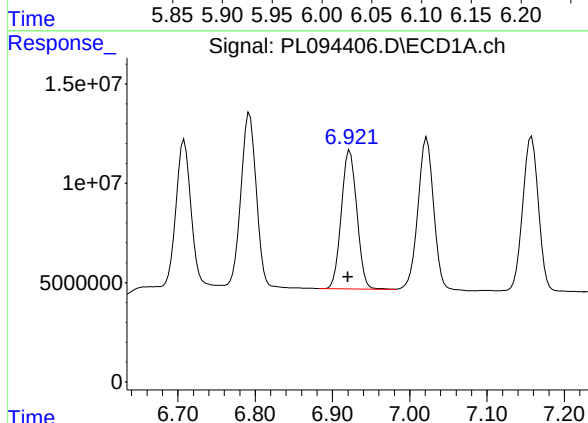
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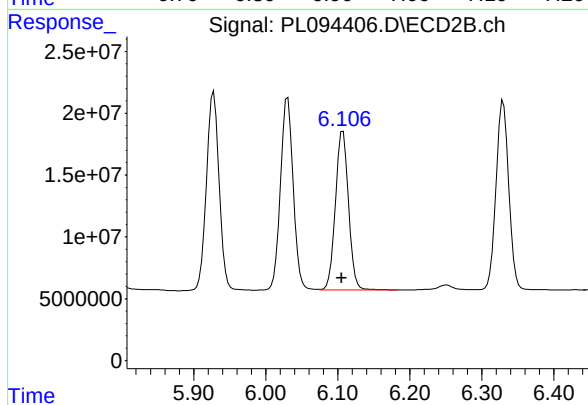
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.001 min
Response: 190957392
Conc: 53.68 ng/ml



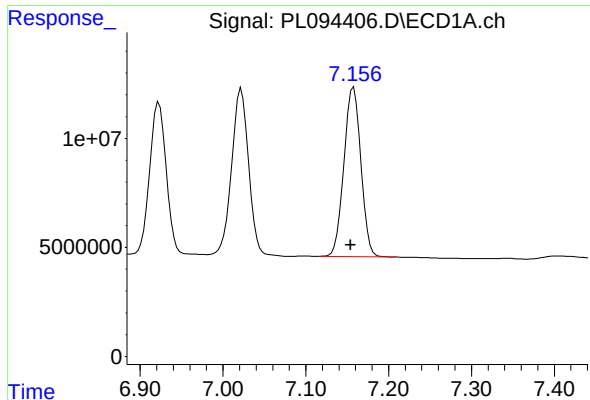
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.003 min
Response: 97156493
Conc: 49.91 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.001 min
Response: 160388458
Conc: 50.75 ng/ml



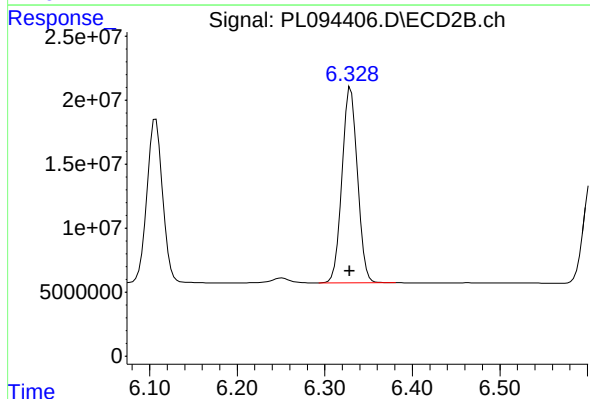
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.003 min
Response: 110561279
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

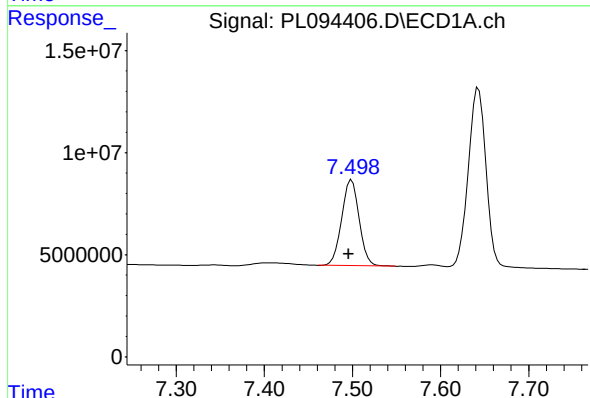
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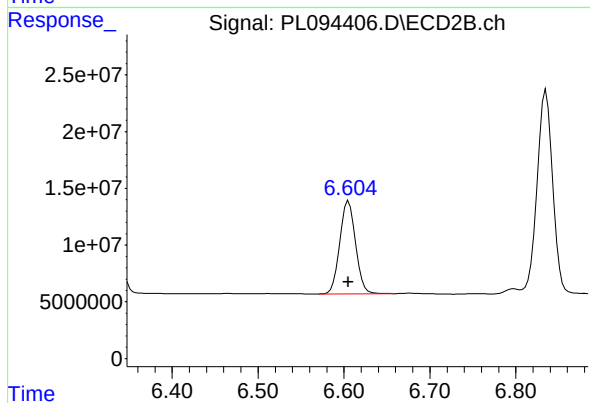
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.001 min
Response: 187343491
Conc: 50.72 ng/ml



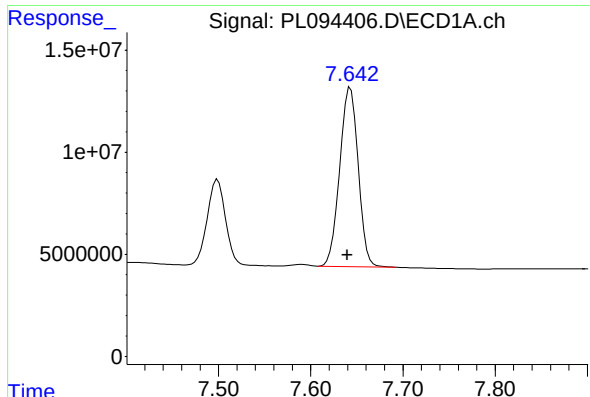
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 57849951
Conc: 52.07 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 104006214
Conc: 53.31 ng/ml



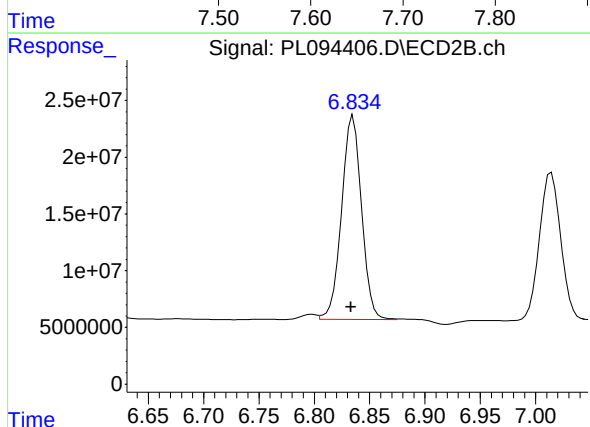
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.004 min
Response: 122107511
Conc: 48.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

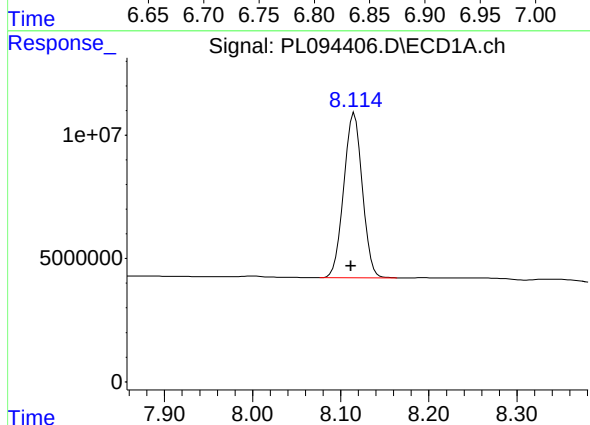
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Reviewed By :Abdul Mirza 02/27/2025
Supervised By :Ankita Jodhani 02/28/2025



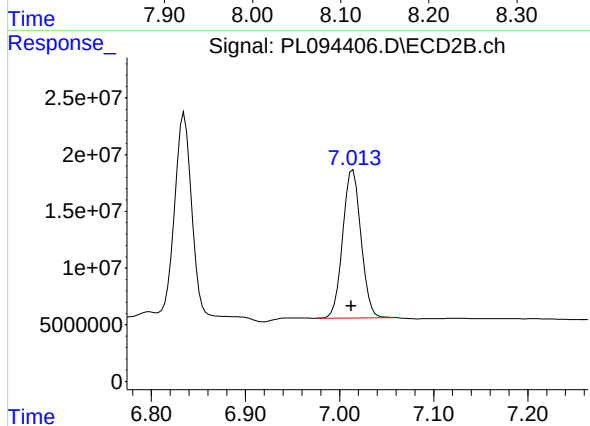
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 226111964
Conc: 52.98 ng/ml m



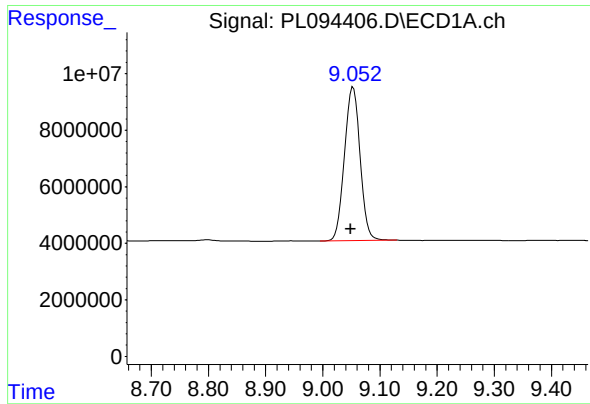
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.004 min
Response: 97943543
Conc: 47.47 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.002 min
Response: 175932016
Conc: 50.45 ng/ml



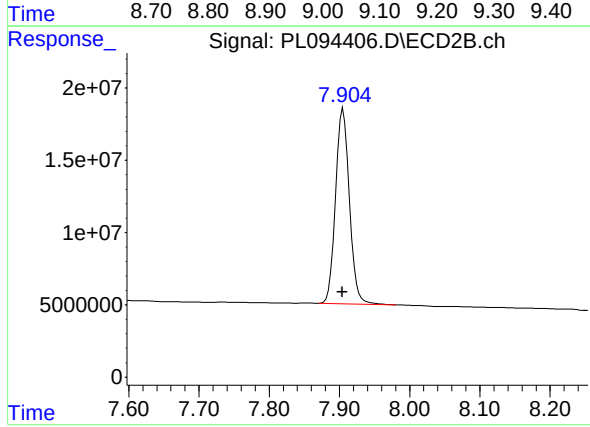
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.004 min
Response: 103723367
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/28/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 184728591
Conc: 48.04 ng/ml