

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022525\
 Data File : PL094387.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2025 10:28
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/26/2025
 Supervised By :Ankita Jodhani 02/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 00:08:12 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...	3.537	2.771	125.6E6	167.6E6	49.460	52.529
28)	SA Decachlor...	9.055	7.906	96199172	172.0E6	45.222	44.737
Target Compounds							
2)	A alpha-BHC	3.993	3.273	183.4E6	250.1E6	48.491	50.879
3)	MA gamma-BHC...	4.326	3.603	176.6E6	238.5E6	47.801	50.641
4)	MA Heptachlor	4.913	3.941	158.9E6	229.6E6	46.873	48.636
5)	MB Aldrin	5.255	4.221	162.5E6	231.3E6	47.365	50.070
6)	B beta-BHC	4.525	3.904	75931848	100.1E6	47.549	50.308
7)	B delta-BHC	4.770	4.132	172.1E6	241.2E6	48.638m	50.939
8)	B Heptachlo...	5.682	4.723	143.0E6	209.5E6	47.446	49.229
9)	A Endosulfan I	6.068	5.093	126.7E6	181.6E6	46.104	45.547
10)	B gamma-Chl...	5.938	4.973	136.1E6	213.5E6	46.347	49.209
11)	B alpha-Chl...	6.017	5.036	135.2E6	209.9E6	46.657	48.611
12)	B 4,4'-DDE	6.191	5.224	127.0E6	214.4E6	48.612	51.059m
13)	MA Dieldrin	6.343	5.357	134.6E6	216.0E6	47.259	49.298
14)	MA Endrin	6.571	5.632	104.9E6	185.6E6	41.103m	54.515 #
15)	B Endosulfa...	6.793	5.926	113.5E6	191.1E6	45.093	51.097m
16)	A 4,4'-DDD	6.709	5.781	101.4E6	177.3E6	54.827	55.665
17)	MA 4,4'-DDT	7.023	6.030	92494430	168.4E6	44.044	47.356
18)	B Endrin al...	6.923	6.106	91622690	156.6E6	47.063	49.542
19)	B Endosulfa...	7.158	6.328	103.7E6	173.9E6	45.810	47.084m
20)	A Methoxychlor	7.499	6.605	51147154	88095336	46.035	45.153
21)	B Endrin ke...	7.642	6.835	120.7E6	216.6E6	48.127	50.746
22)	Mirex	8.116	7.013	92727799	172.2E6	44.941	49.382m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022525\
Data File : PL094387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Feb 2025 10:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

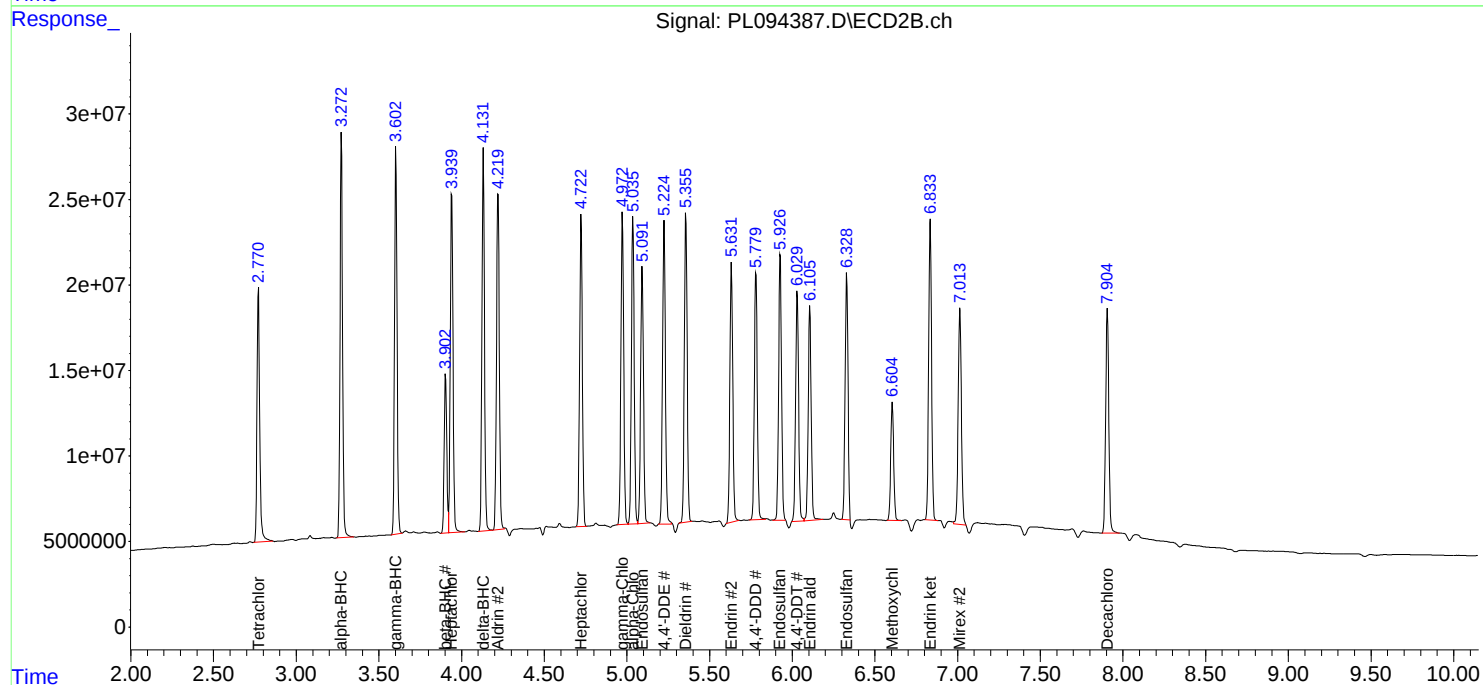
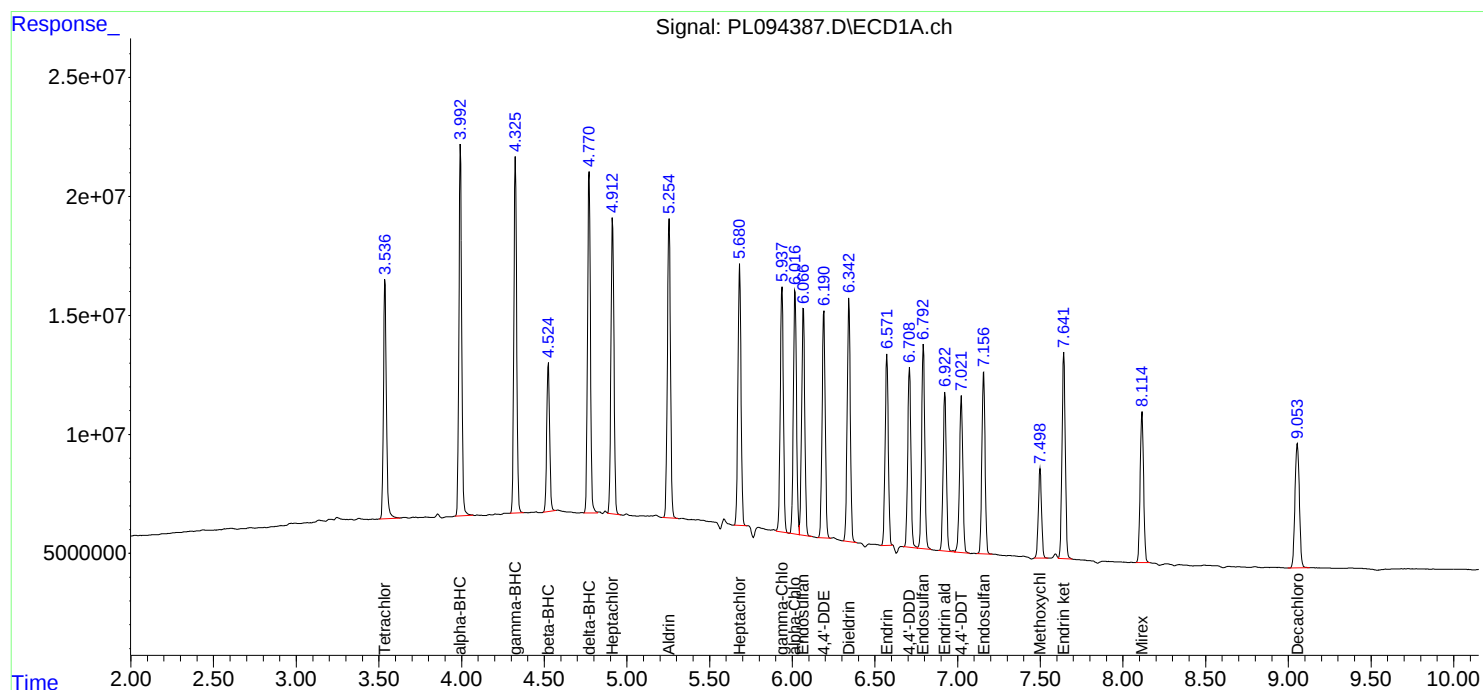
APPROVED

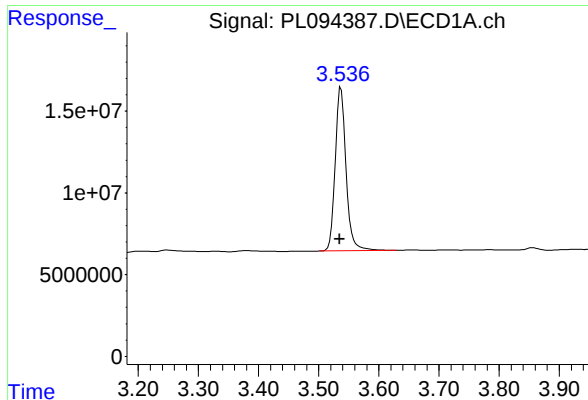
Reviewed By :Abdul Mirza 02/26/2025

Supervised By :Ankita Jodhani 02/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 00:08:12 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





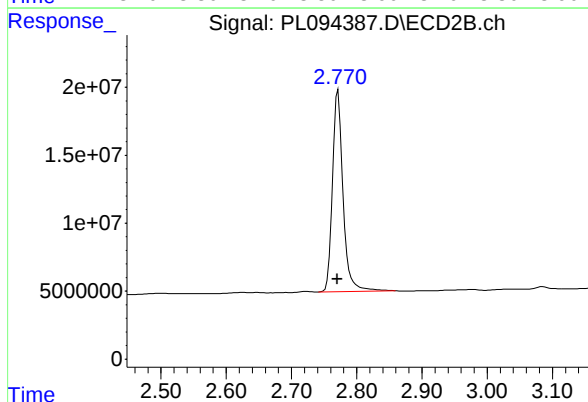
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 125582662
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

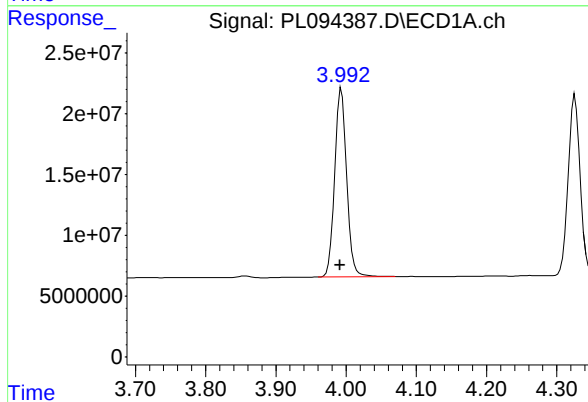
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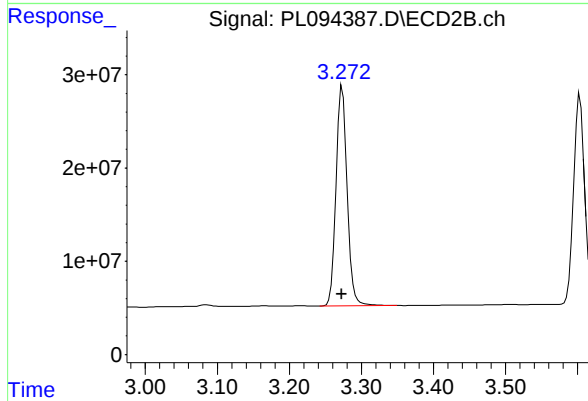
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.001 min
Response: 167628538
Conc: 52.53 ng/ml



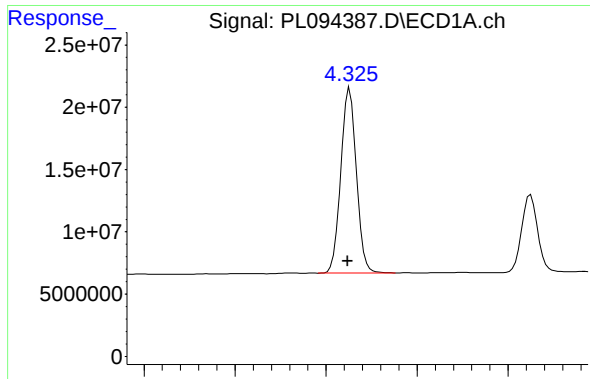
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 183425559
Conc: 48.49 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.001 min
Response: 250059376
Conc: 50.88 ng/ml



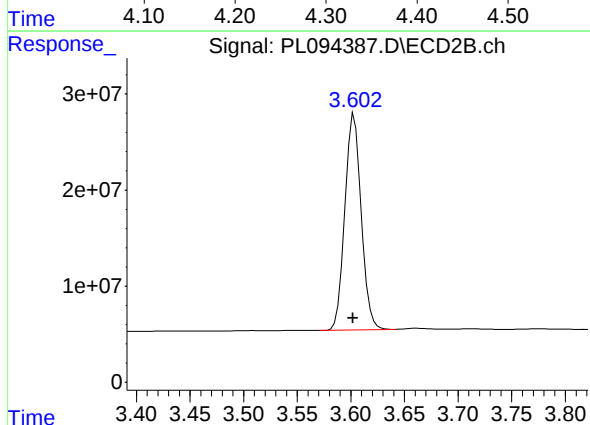
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 176612997
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

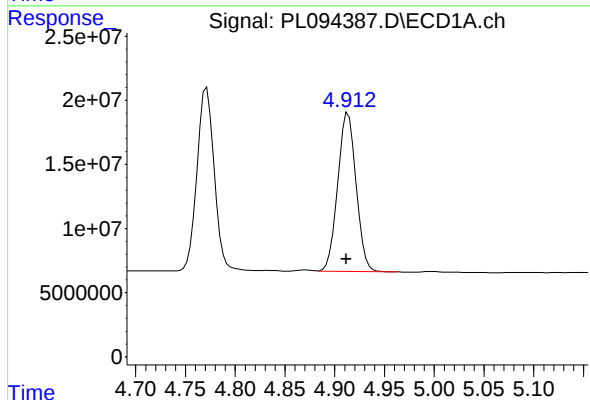
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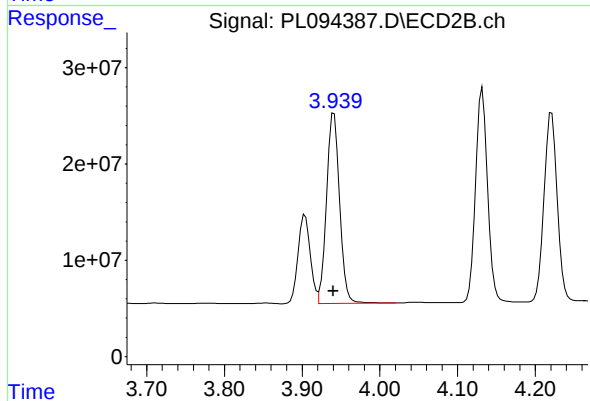
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 238515258
Conc: 50.64 ng/ml



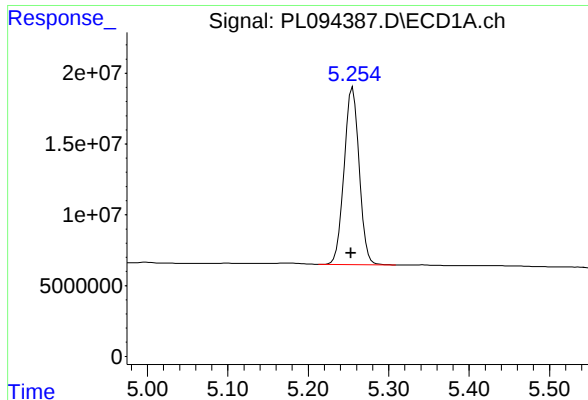
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 158916273
Conc: 46.87 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.001 min
Response: 229576048
Conc: 48.64 ng/ml



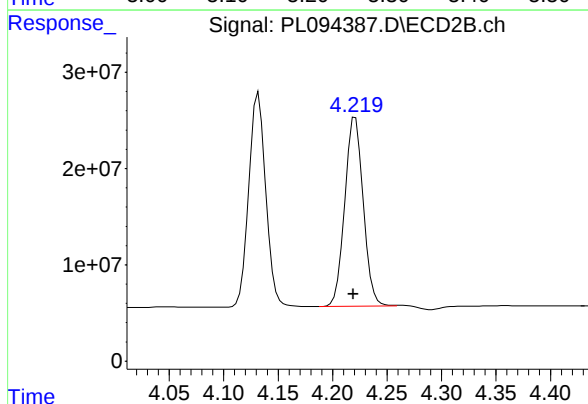
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 162543521
Conc: 47.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

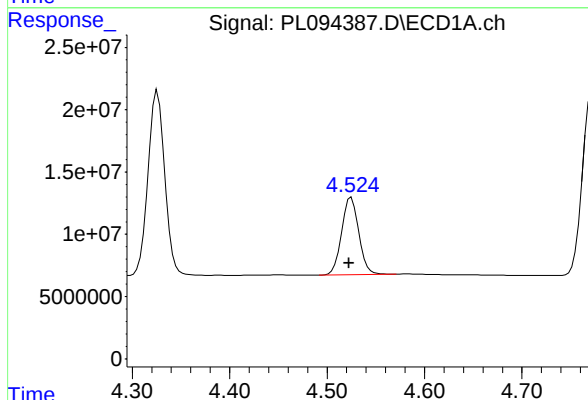
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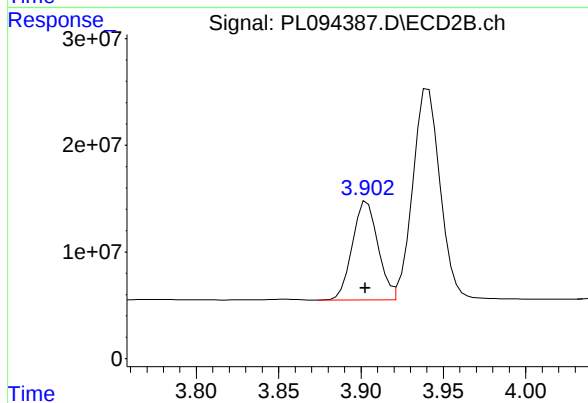
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 231340368
Conc: 50.07 ng/ml



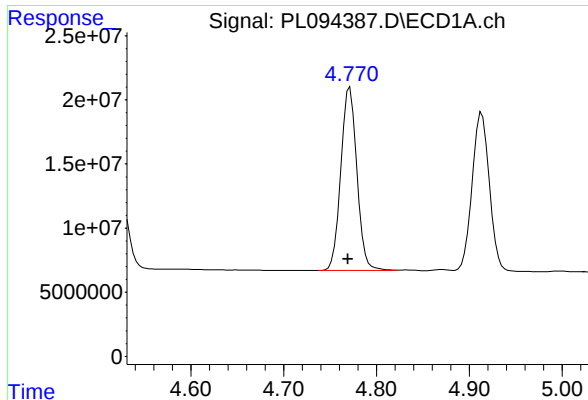
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 75931848
Conc: 47.55 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 100059643
Conc: 50.31 ng/ml



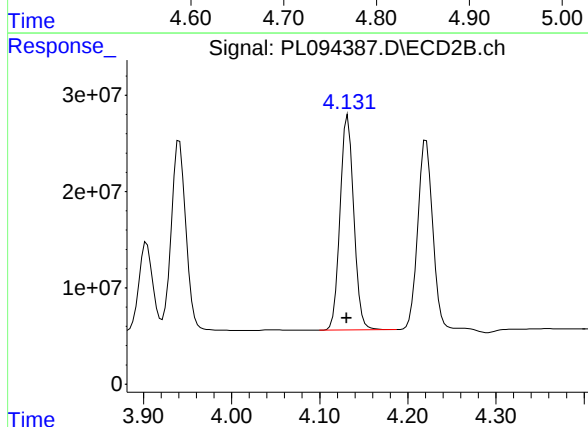
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 172094337
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

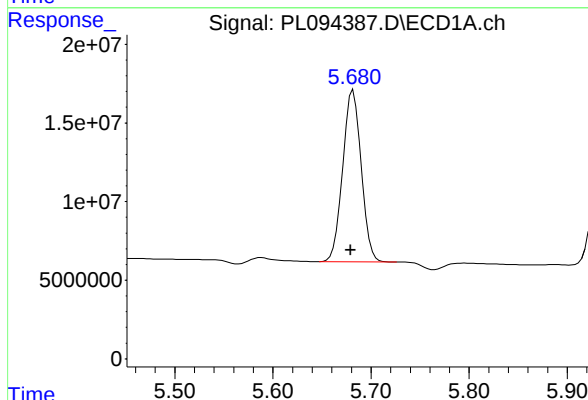
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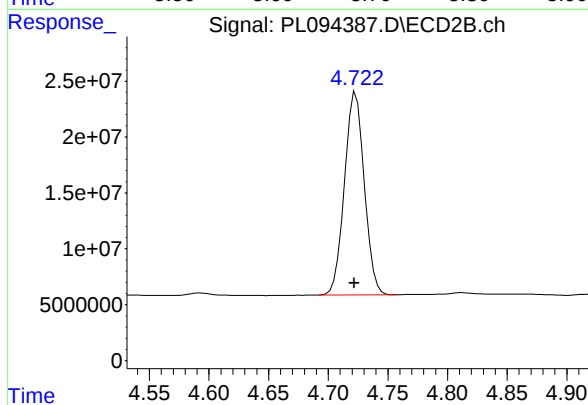
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 241234666
Conc: 50.94 ng/ml



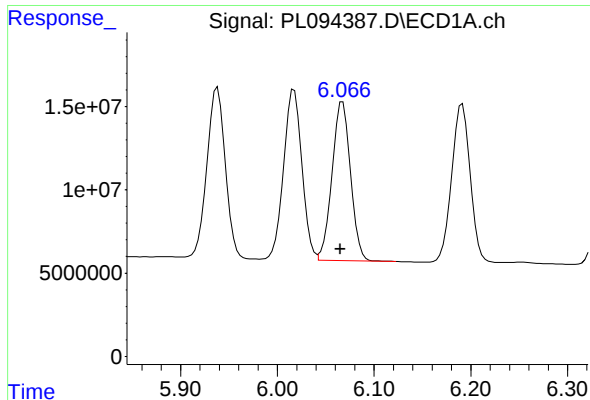
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 142973510
Conc: 47.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.001 min
Response: 209487620
Conc: 49.23 ng/ml



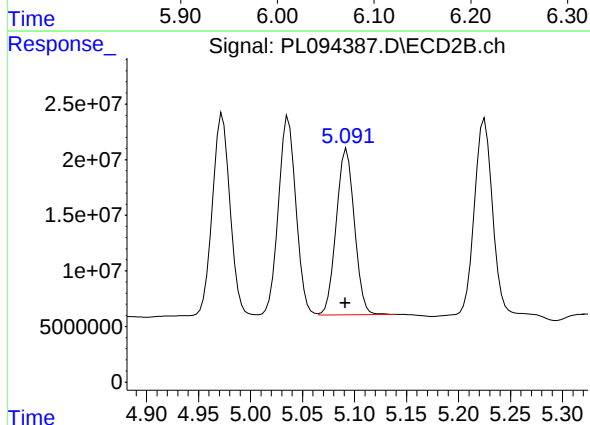
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 126721706
Conc: 46.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

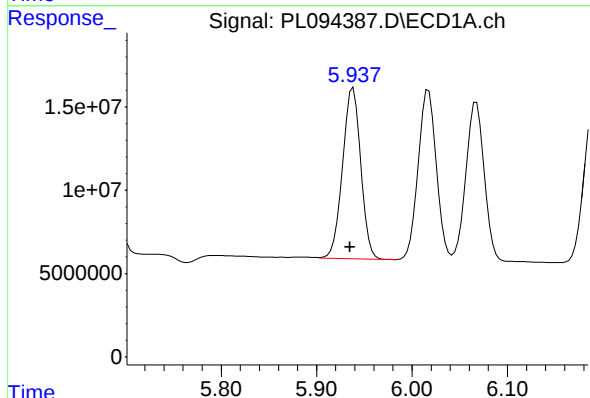
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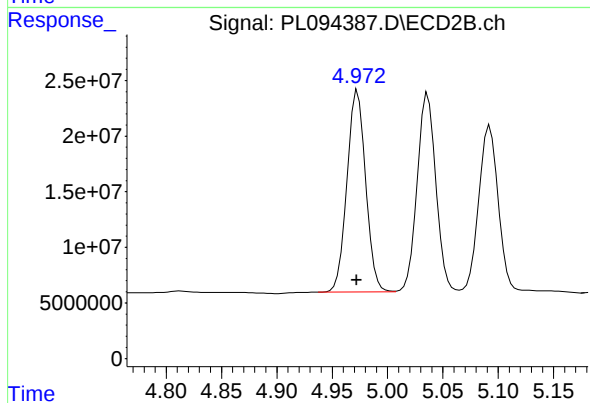
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.001 min
Response: 181577701
Conc: 45.55 ng/ml



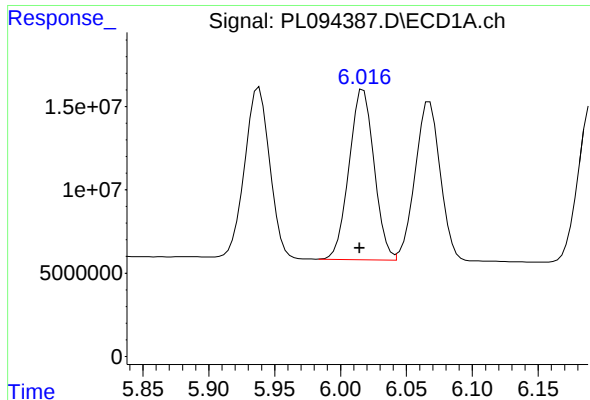
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 136081602
Conc: 46.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 213511229
Conc: 49.21 ng/ml



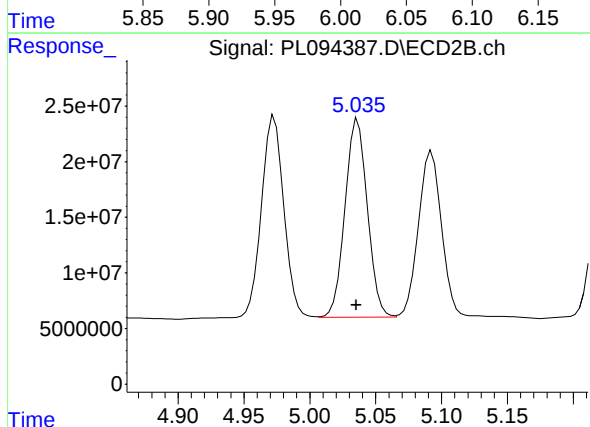
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.003 min
Response: 135170022
Conc: 46.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

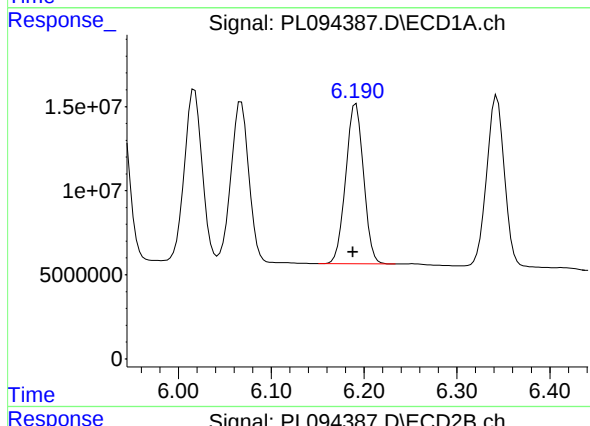
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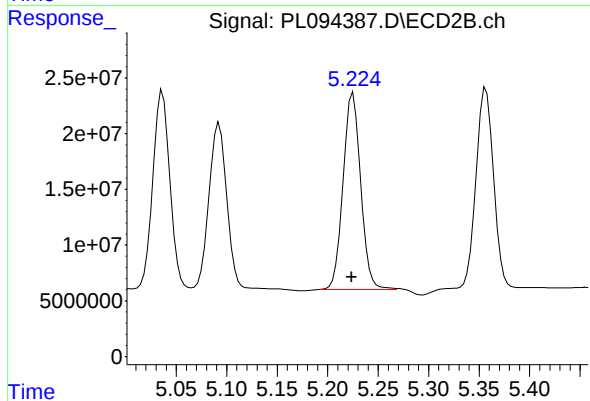
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.001 min
Response: 209885176
Conc: 48.61 ng/ml



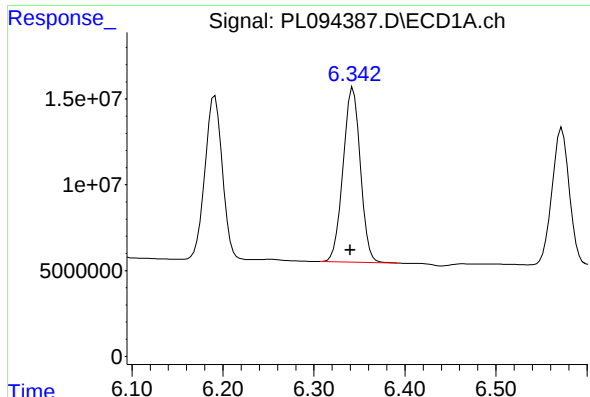
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 126959697
Conc: 48.61 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 214446976
Conc: 51.06 ng/ml m



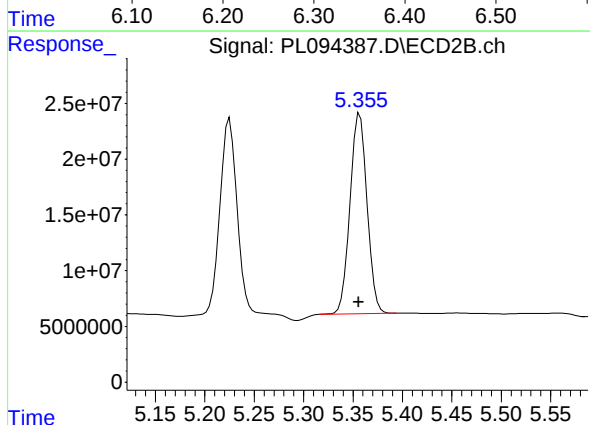
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 134641135
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

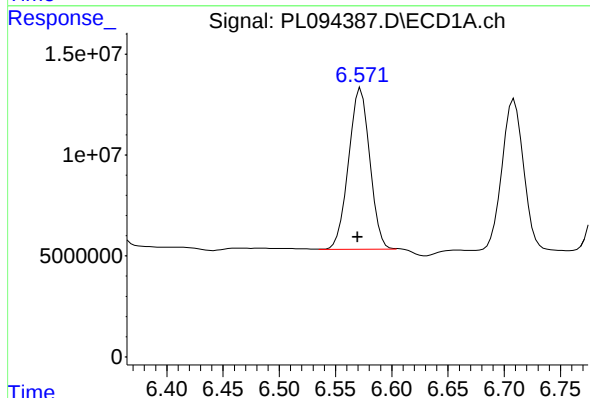
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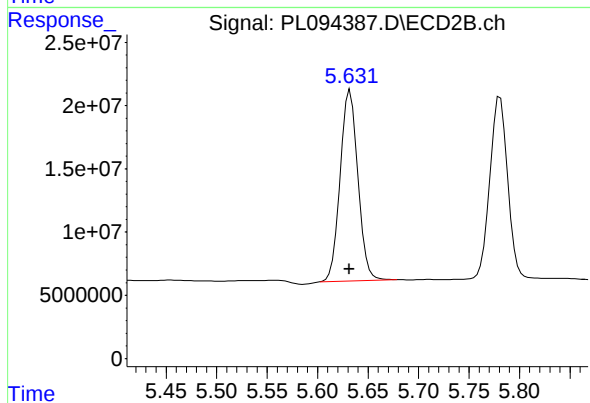
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.001 min
Response: 216014806
Conc: 49.30 ng/ml



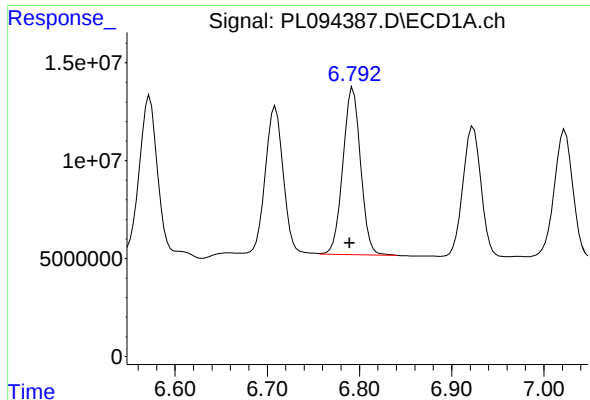
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.002 min
Response: 104905397
Conc: 41.10 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 185607526
Conc: 54.51 ng/ml



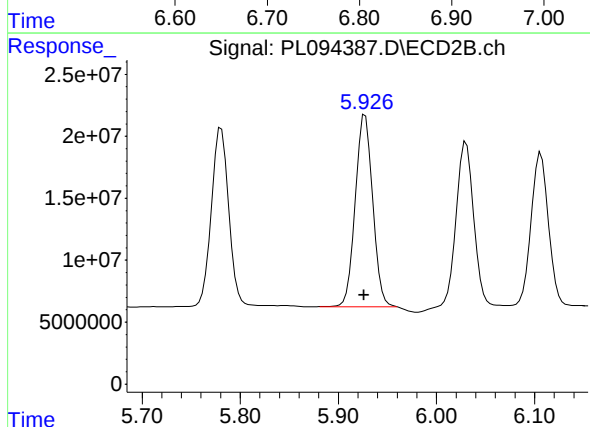
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 113509796
Conc: 45.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

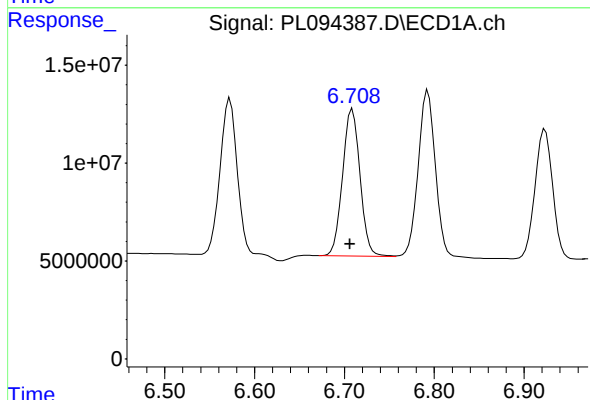
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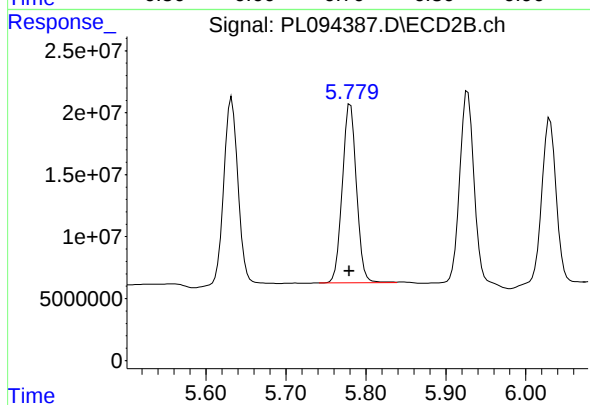
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 191079396
Conc: 51.10 ng/ml m



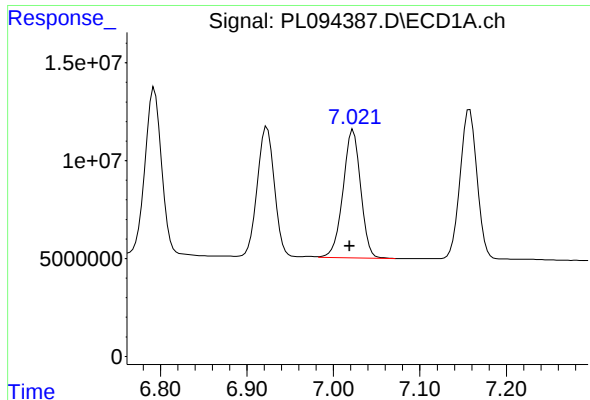
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 101416010
Conc: 54.83 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 177311190
Conc: 55.67 ng/ml



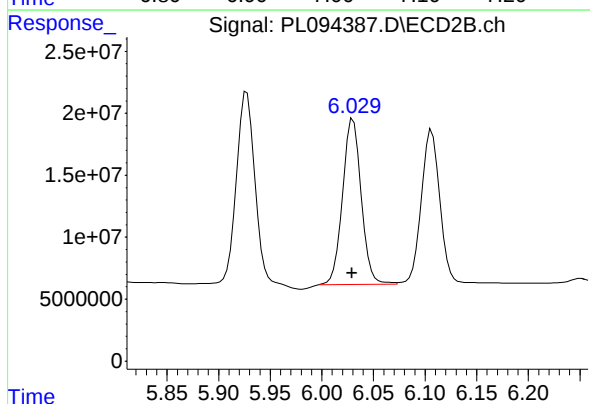
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 92494430
Conc: 44.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

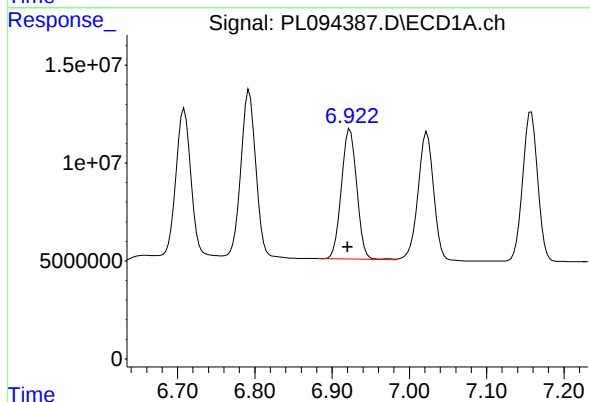
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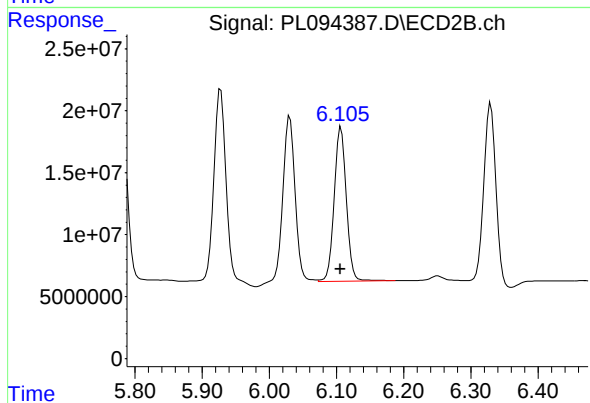
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.001 min
Response: 168446259
Conc: 47.36 ng/ml



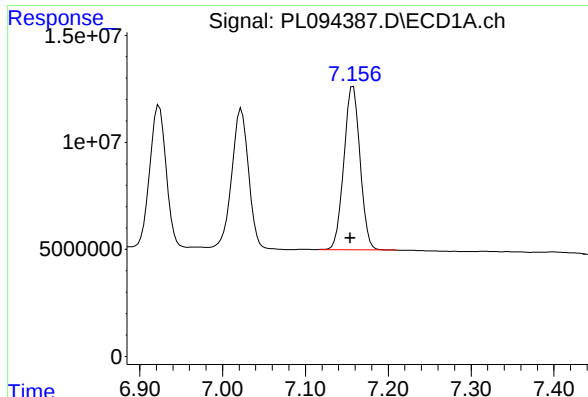
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.003 min
Response: 91622690
Conc: 47.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 156574883
Conc: 49.54 ng/ml



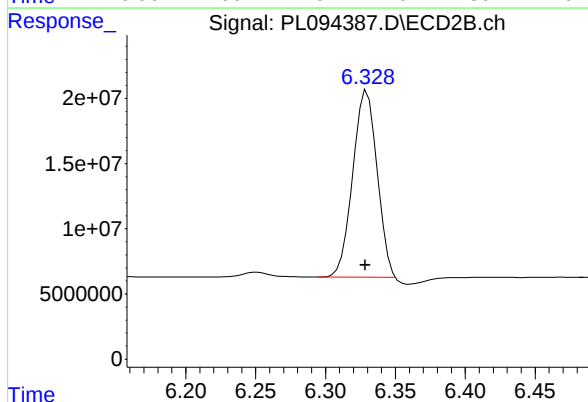
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.003 min
Response: 103706664
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

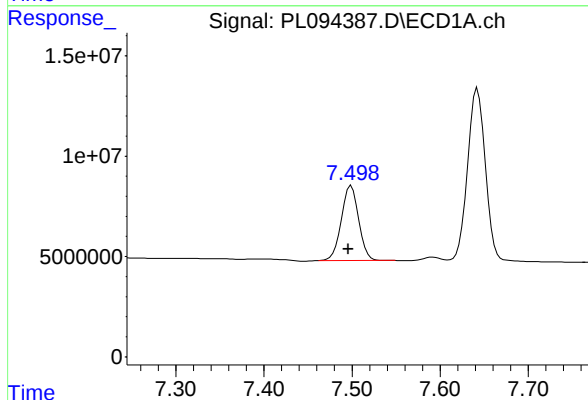
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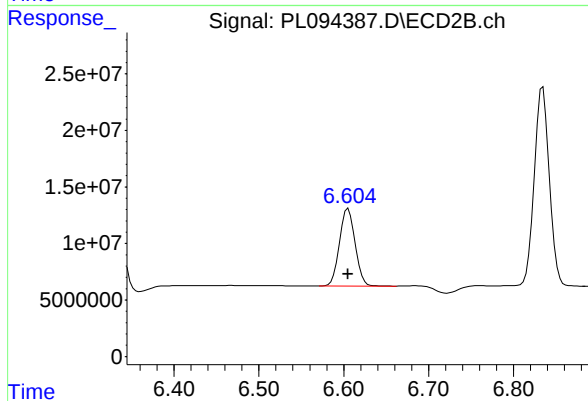
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 173910262
Conc: 47.08 ng/ml m



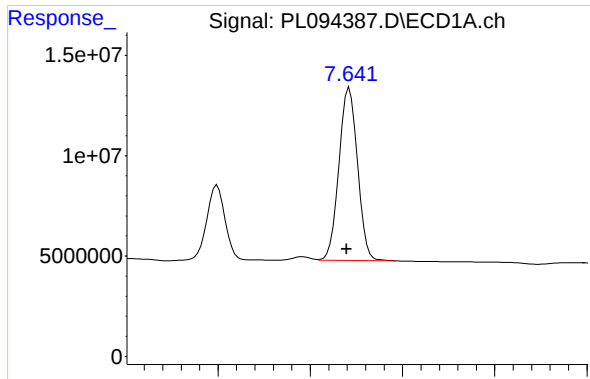
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 51147154
Conc: 46.04 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 88095336
Conc: 45.15 ng/ml



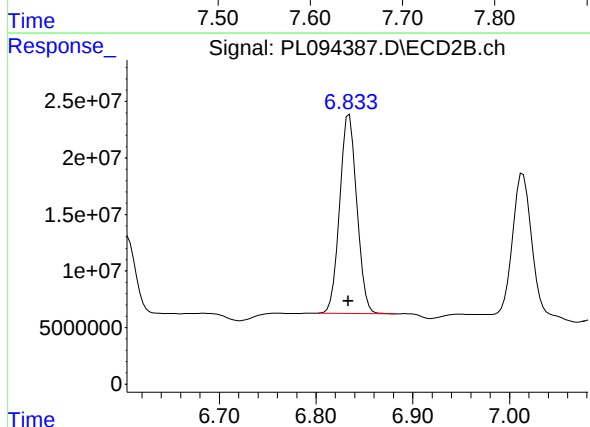
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.003 min
Response: 120650184
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

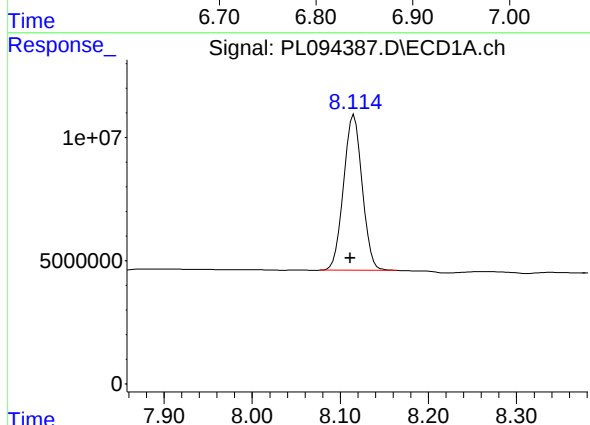
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/26/2025
Supervised By :Ankita Jodhani 02/26/2025



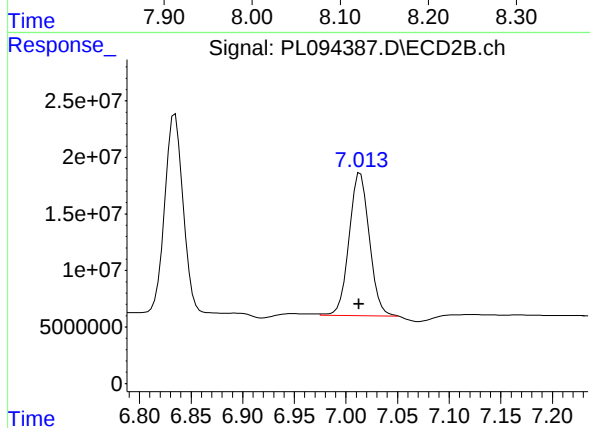
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.001 min
Response: 216559173
Conc: 50.75 ng/ml



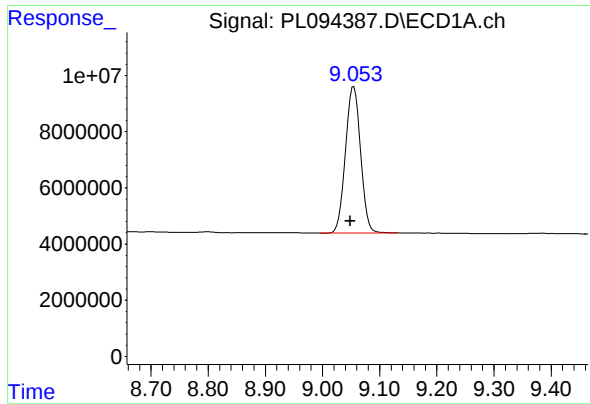
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.004 min
Response: 92727799
Conc: 44.94 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 172195743
Conc: 49.38 ng/ml m



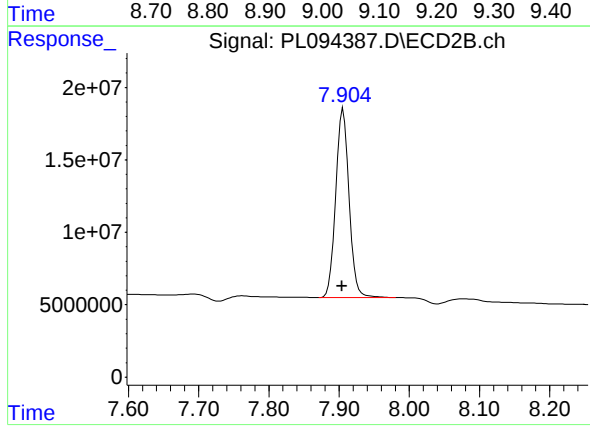
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.006 min
Response: 96199172
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/26/2025



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.002 min
Response: 172041018
Conc: 44.74 ng/ml