

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062325\
 Data File : PL096141.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 12:29
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 23 13:02:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 23 12:55:30 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...	3.570	2.880	81779215	103.4E6	23.919	23.594
28)	SA Decachlor...	9.113	8.063	65145369	130.1E6	25.073	24.487
Target Compounds							
2)	A alpha-BHC	4.021	3.389	123.5E6	152.9E6	22.763	22.542
3)	MA gamma-BHC...	4.353	3.722	116.4E6	146.7E6	23.115	22.942
4)	MA Heptachlor	4.950	4.074	108.7E6	148.0E6	23.769	23.299
5)	MB Aldrin	5.292	4.358	113.1E6	139.0E6	23.994	23.180
6)	B beta-BHC	4.540	4.018	51833665	65953287	24.439	23.995
7)	B delta-BHC	4.788	4.253	114.5E6	145.8E6	23.307	22.742
8)	B Heptachlo...	5.714	4.861	103.3E6	132.8E6	24.441	23.396
9)	A Endosulfan I	6.097	5.232	96105293	132.4E6	24.288	23.854m
10)	B gamma-Chl...	5.968	5.112	103.2E6	138.8E6	23.857	22.984m
11)	B alpha-Chl...	6.049	5.177	102.9E6	141.3E6	24.102	23.715m
12)	B 4,4'-DDE	6.220	5.366	93852882	137.5E6	23.448	23.215
13)	MA Dieldrin	6.370	5.499	101.9E6	138.1E6	23.798	23.207
14)	MA Endrin	6.598	5.775	84609301	126.6E6	23.937	23.349
15)	B Endosulfa...	6.811	6.067	91913614	126.4E6	24.748	23.689
16)	A 4,4'-DDD	6.731	5.920	76787313	114.5E6	23.431	23.956
17)	MA 4,4'-DDT	7.047	6.174	77729029	124.3E6	23.927	22.673
18)	B Endrin al...	6.941	6.246	63633749	98292757	24.820	25.073
19)	B Endosulfa...	7.175	6.470	81141246	122.3E6	24.550	23.911
20)	A Methoxychlor	7.523	6.747	40369417	71399911	24.880	24.508
21)	B Endrin ke...	7.658	6.977	86838787	141.4E6	24.527	23.880
22)	Mirex	8.140	7.170	67100573	117.3E6	25.548	24.997

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062325\
Data File : PL096141.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2025 12:29
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC025

Manual Integrations

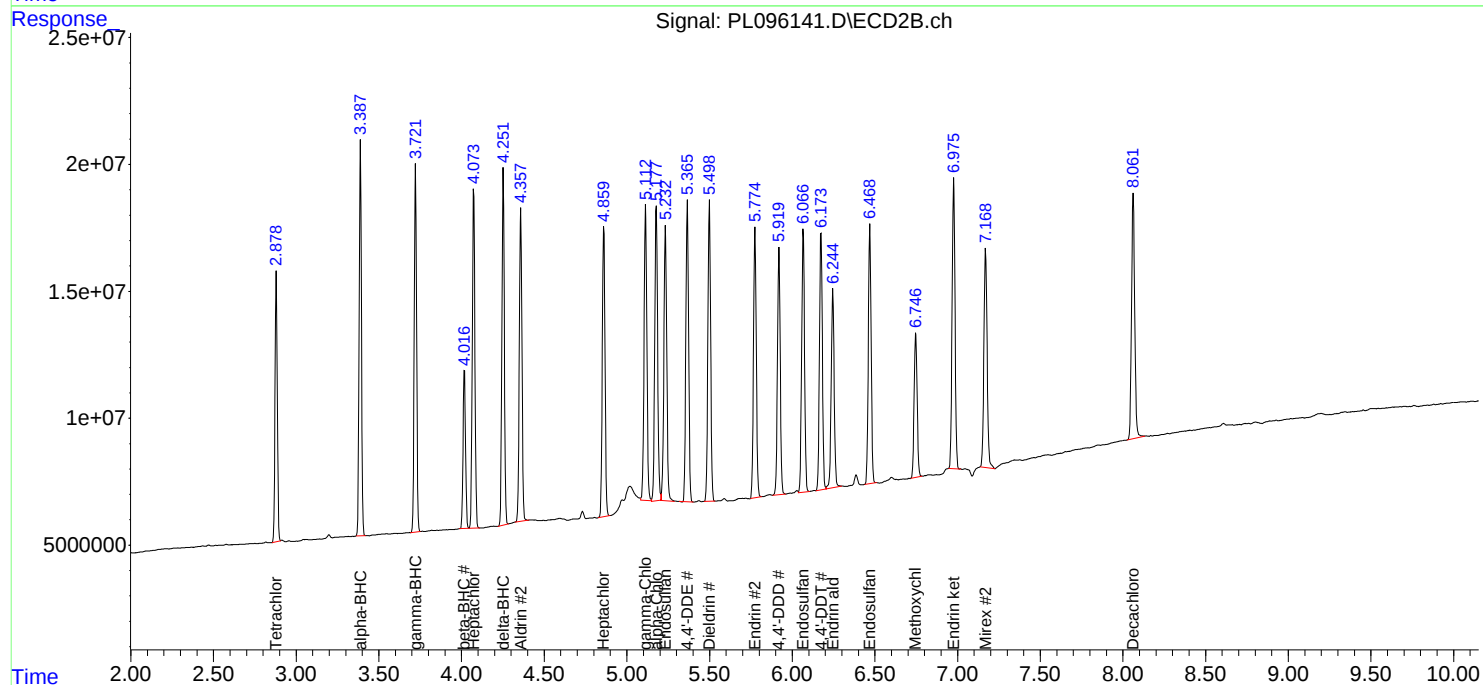
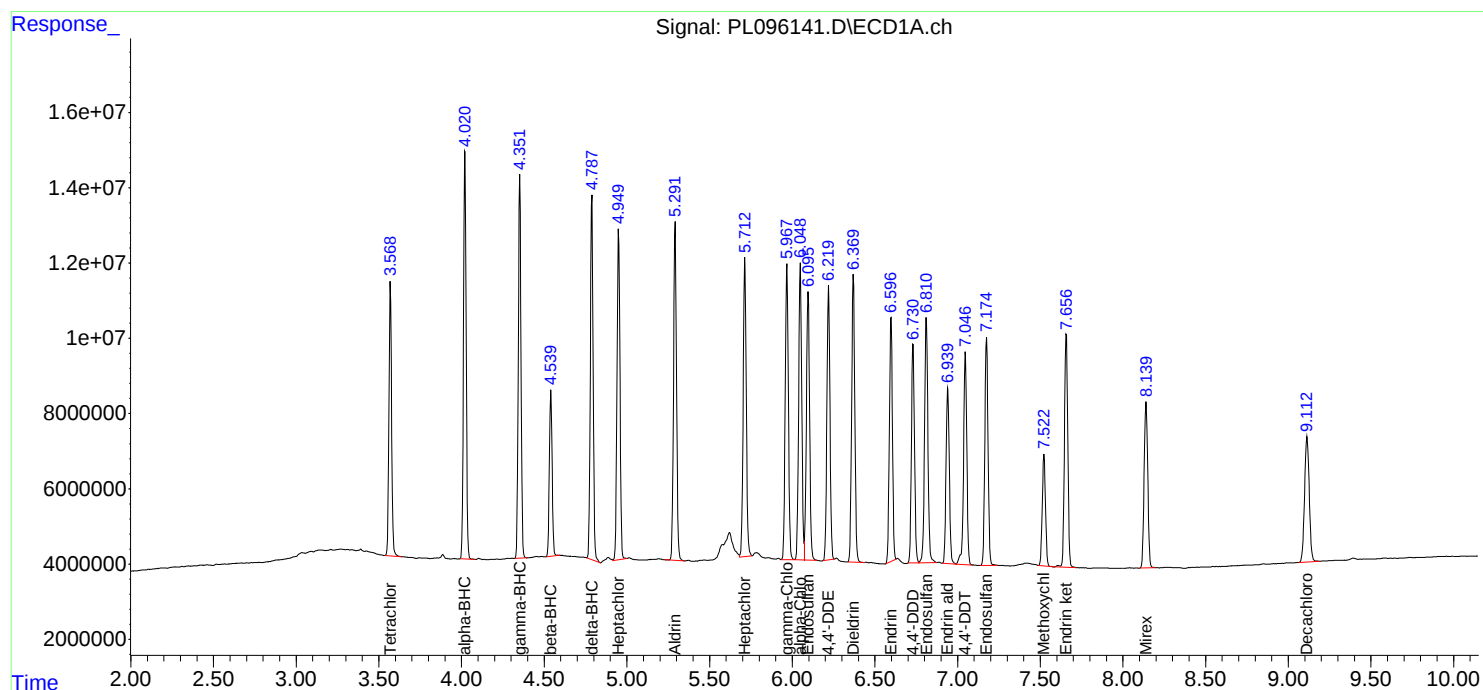
APPROVED

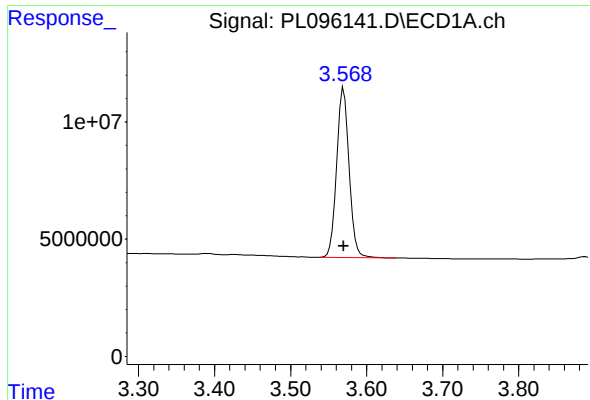
Reviewed By :Abdul Mirza 06/25/2025

Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 23 13:02:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 23 12:55:30 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





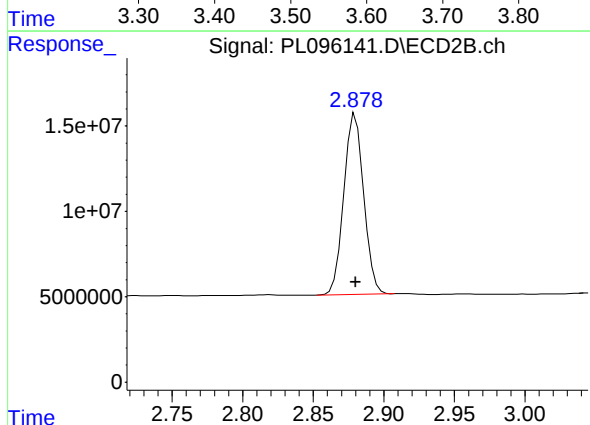
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 81779215
Conc: 23.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

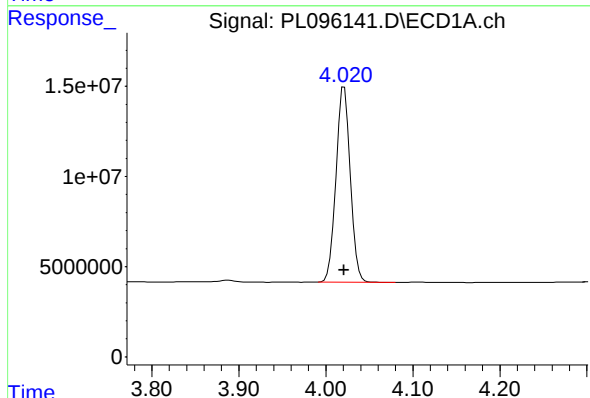
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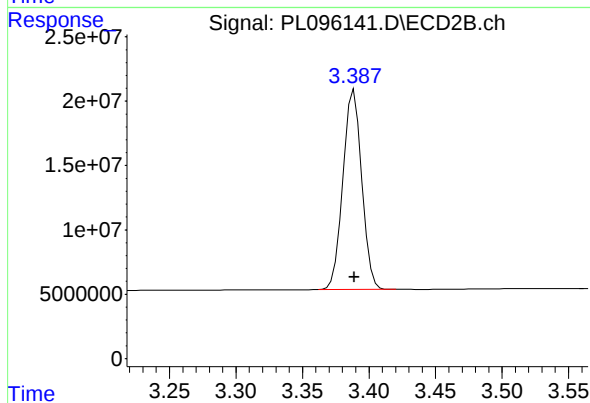
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 103421486
Conc: 23.59 ng/ml



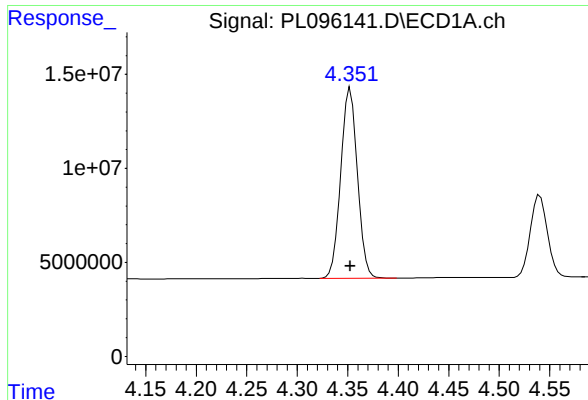
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 123541951
Conc: 22.76 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 152869428
Conc: 22.54 ng/ml



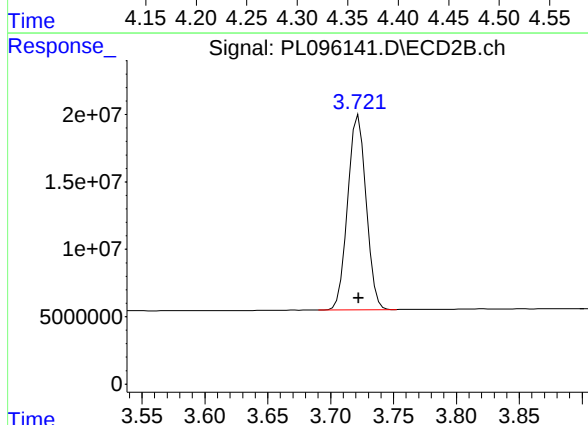
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 116367940
Conc: 23.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

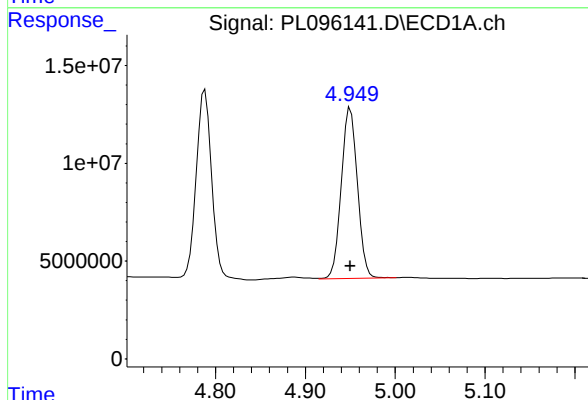
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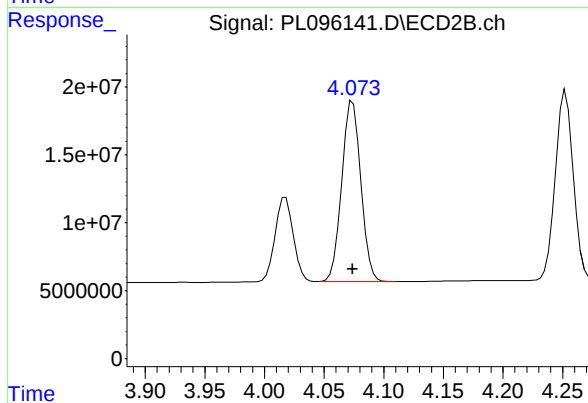
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 146682439
Conc: 22.94 ng/ml



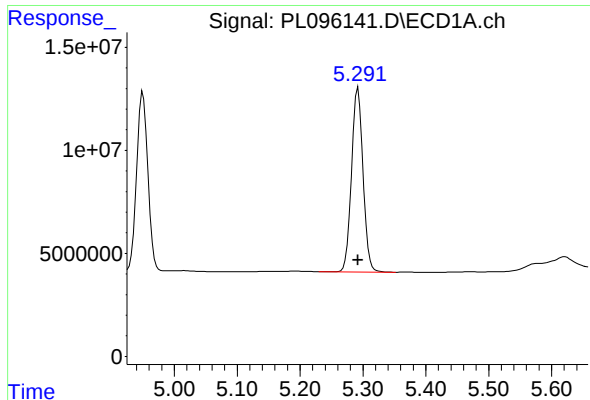
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 108680205
Conc: 23.77 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 147956955
Conc: 23.30 ng/ml



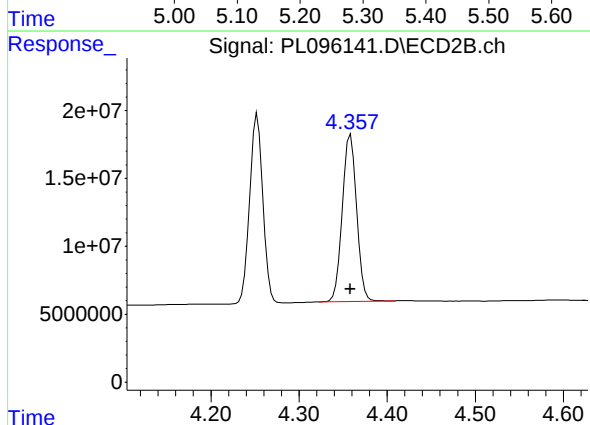
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 113084023
Conc: 23.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

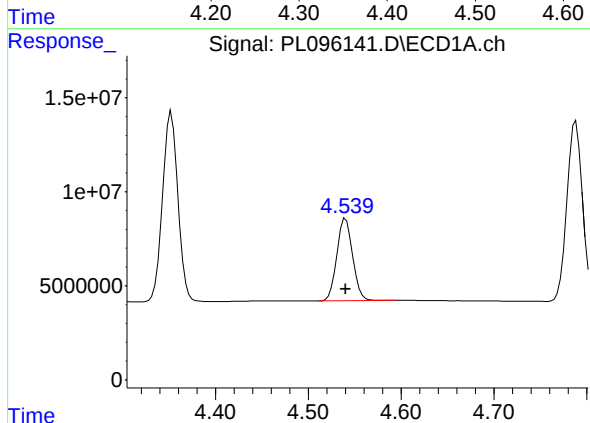
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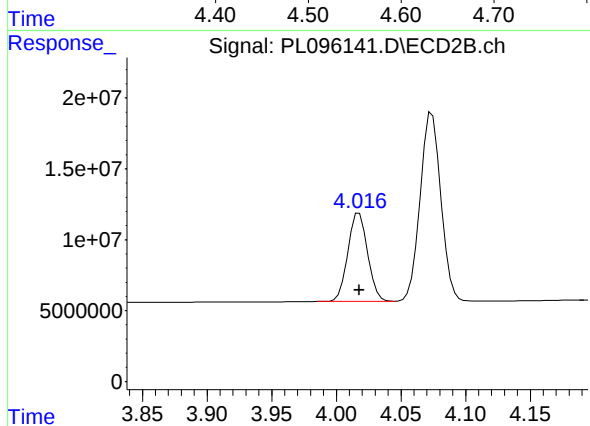
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 138962806
Conc: 23.18 ng/ml



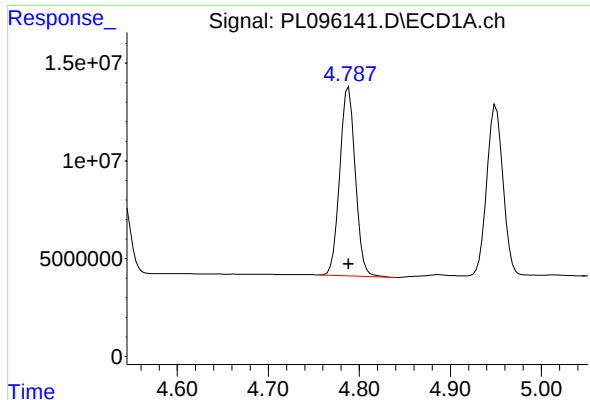
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 51833665
Conc: 24.44 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 65953287
Conc: 23.99 ng/ml



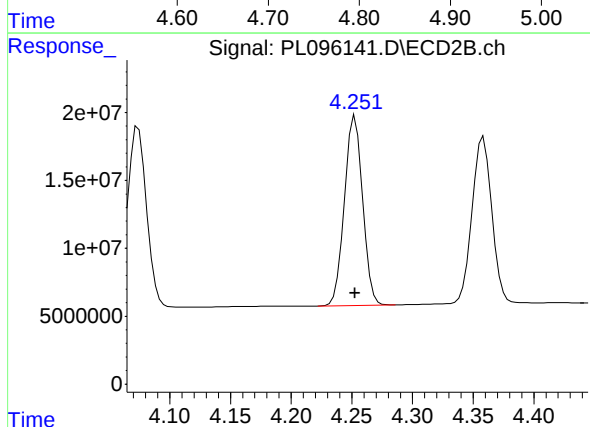
#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 114491853
Conc: 23.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

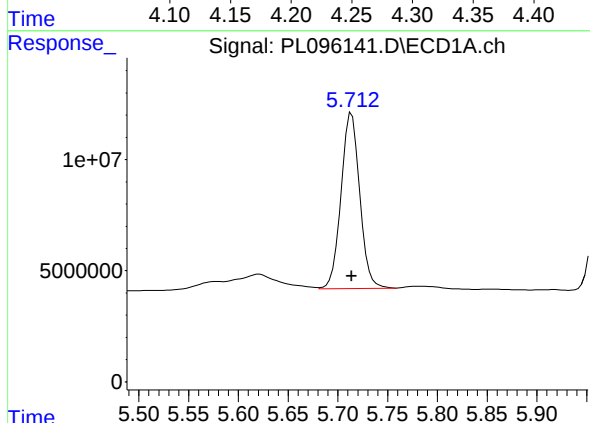
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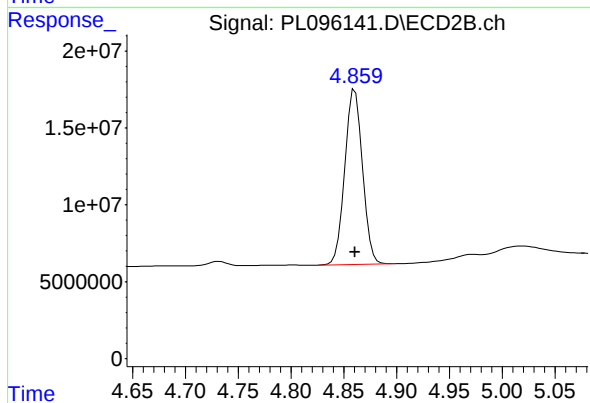
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 145839204
Conc: 22.74 ng/ml



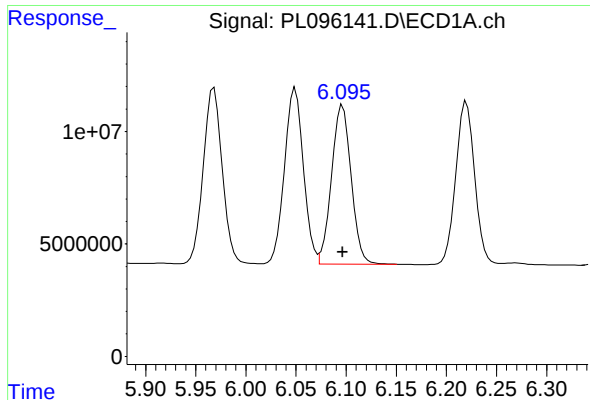
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 103322766
Conc: 24.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 132803662
Conc: 23.40 ng/ml



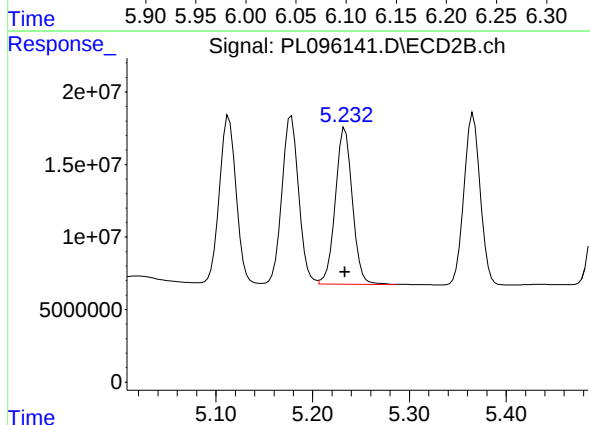
#9 Endosulfan I

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 96105293
Conc: 24.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

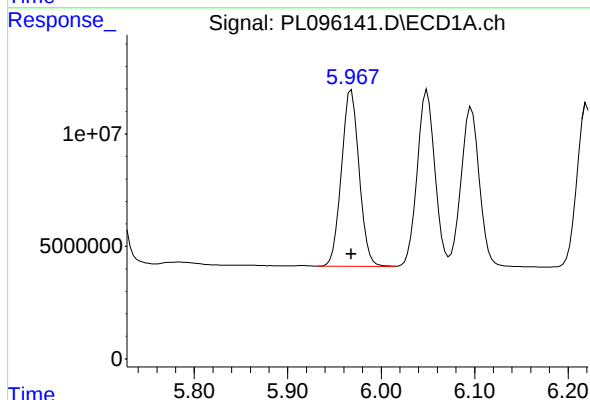
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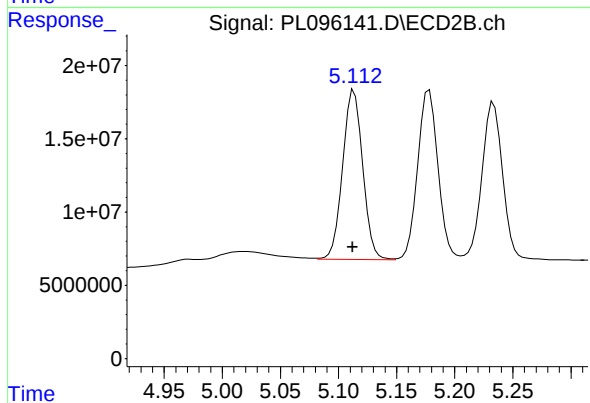
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: -0.001 min
Response: 132380704
Conc: 23.85 ng/ml m



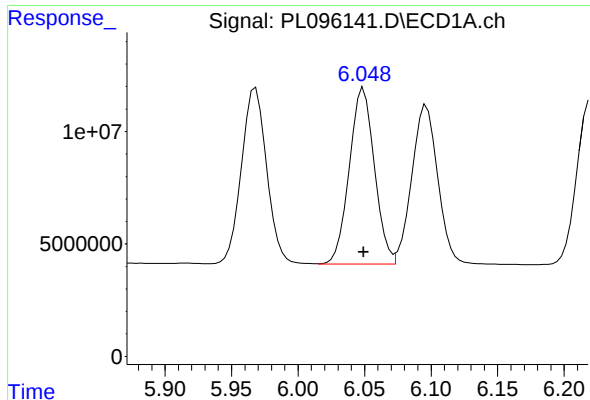
#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 103178125
Conc: 23.86 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 138804659
Conc: 22.98 ng/ml m



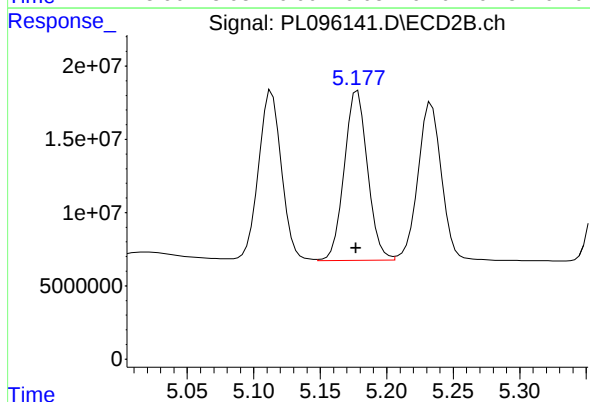
#11 alpha-Chlordane

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 102934207
Conc: 24.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

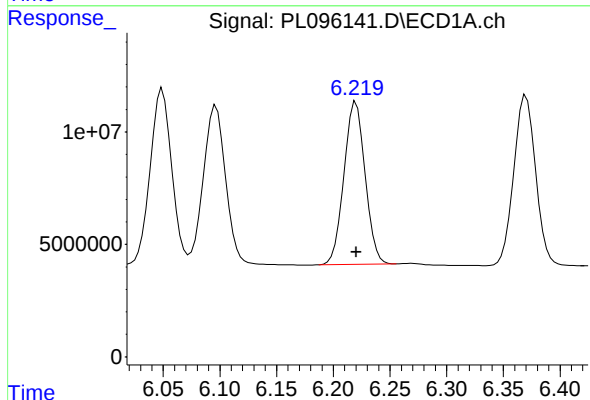
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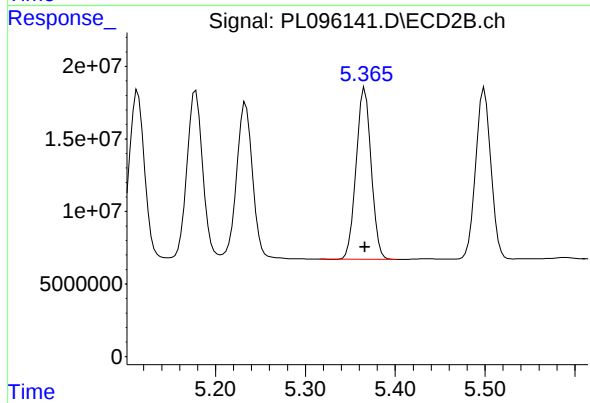
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 141301574
Conc: 23.72 ng/ml m



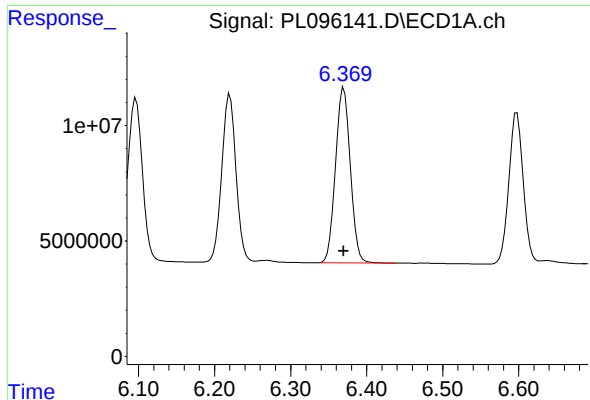
#12 4,4'-DDE

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 93852882
Conc: 23.45 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 137473817
Conc: 23.22 ng/ml



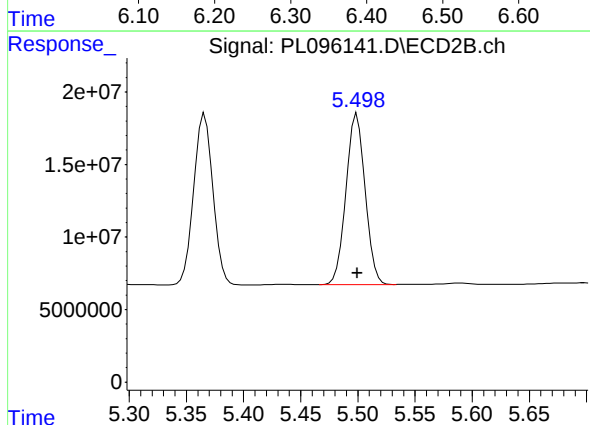
#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 101922227
Conc: 23.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

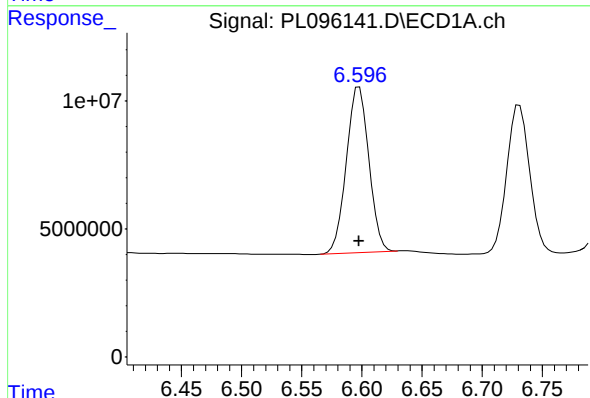
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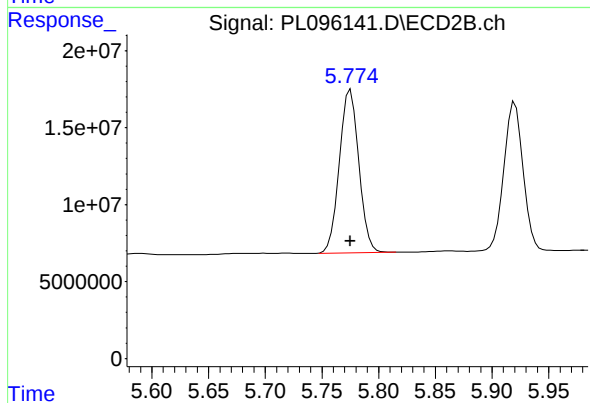
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 138107931
Conc: 23.21 ng/ml



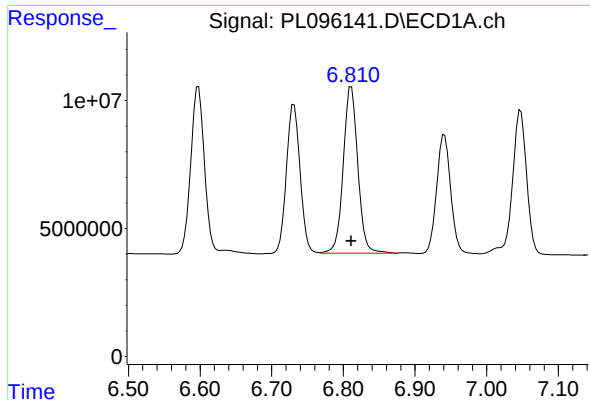
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 84609301
Conc: 23.94 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 126623706
Conc: 23.35 ng/ml



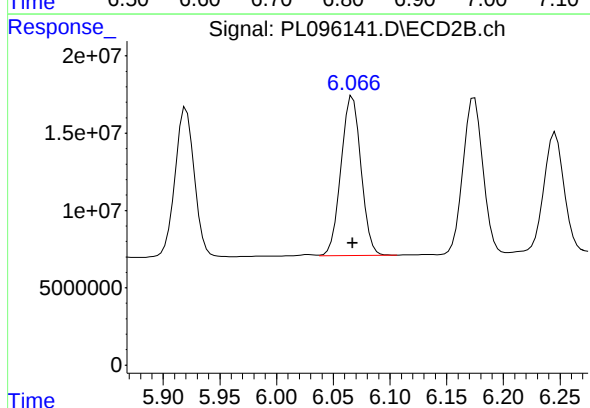
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 91913614
Conc: 24.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

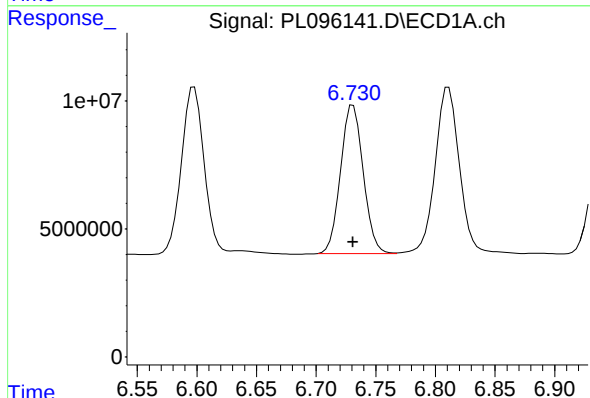
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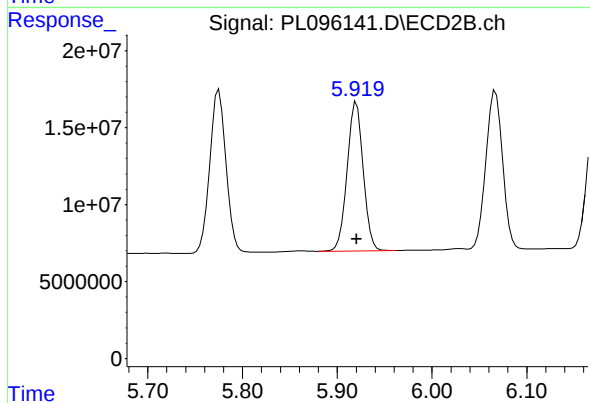
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 126351506
Conc: 23.69 ng/ml



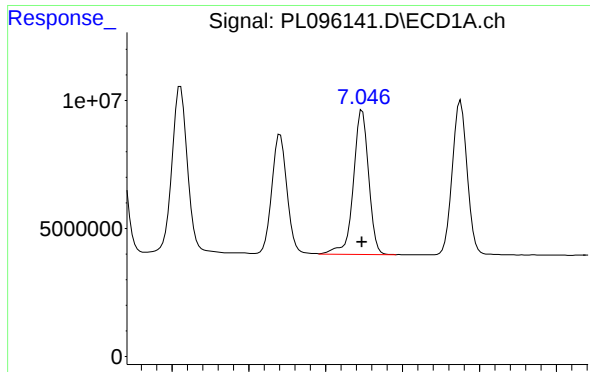
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 76787313
Conc: 23.43 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 114522028
Conc: 23.96 ng/ml



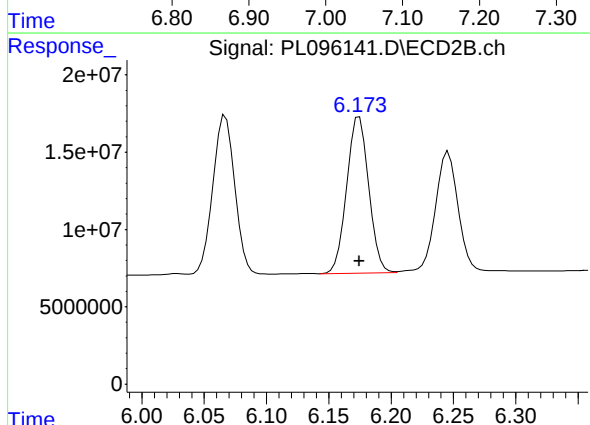
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 77729029
Conc: 23.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

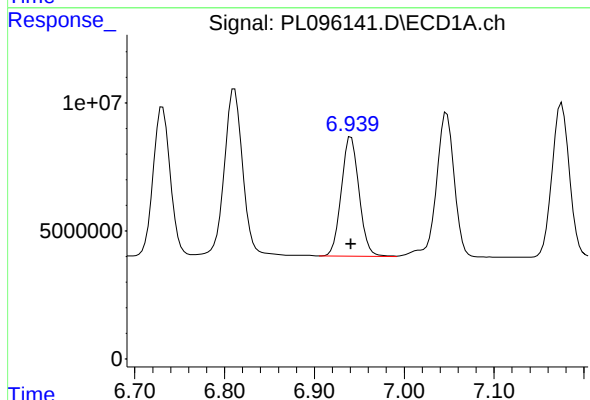
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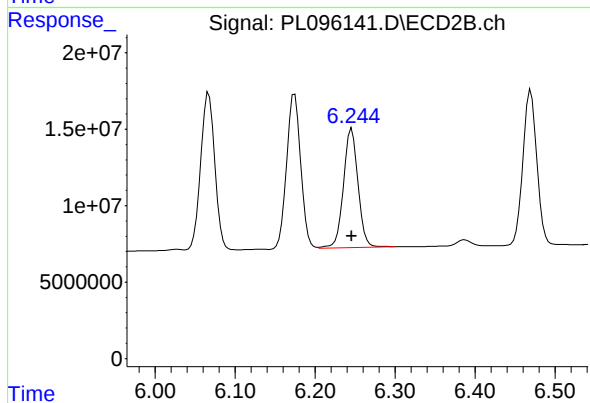
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 124254435
Conc: 22.67 ng/ml



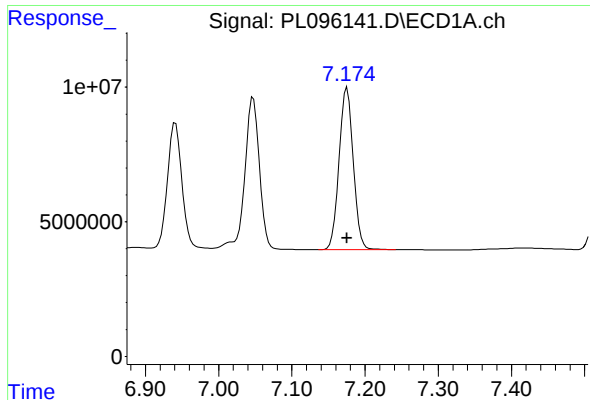
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 63633749
Conc: 24.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 98292757
Conc: 25.07 ng/ml



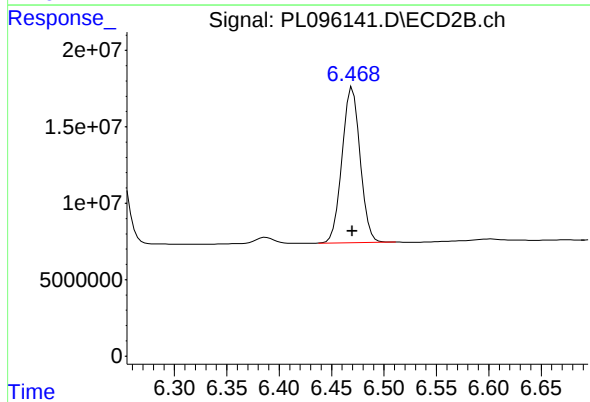
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 81141246
Conc: 24.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

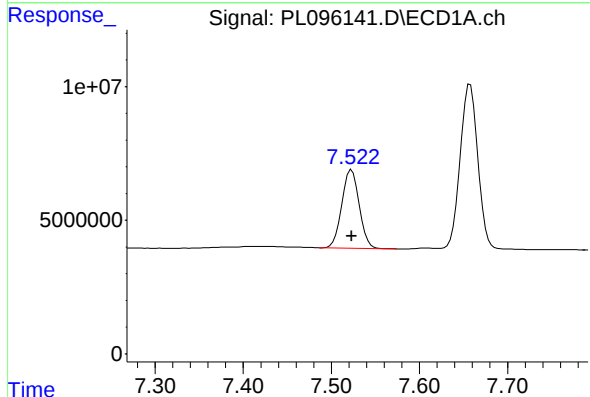
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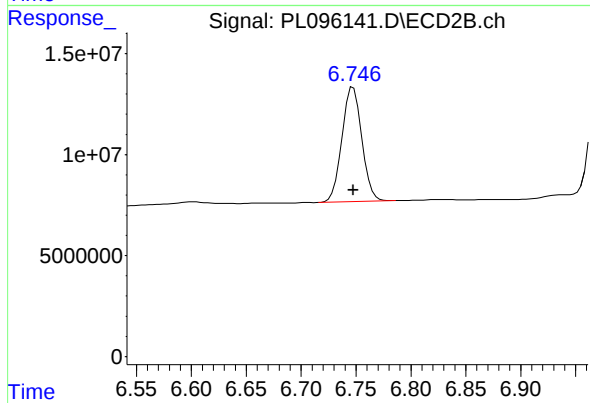
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 122252165
Conc: 23.91 ng/ml



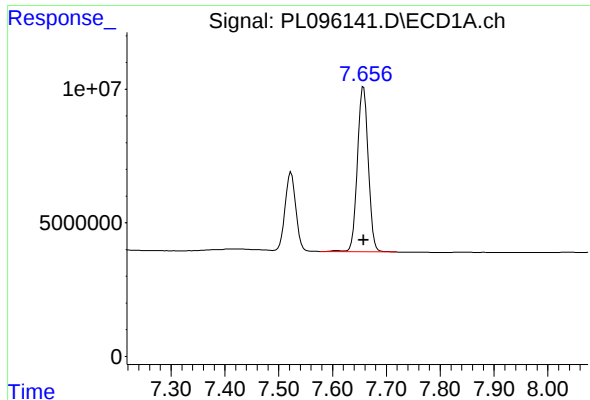
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 40369417
Conc: 24.88 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 71399911
Conc: 24.51 ng/ml



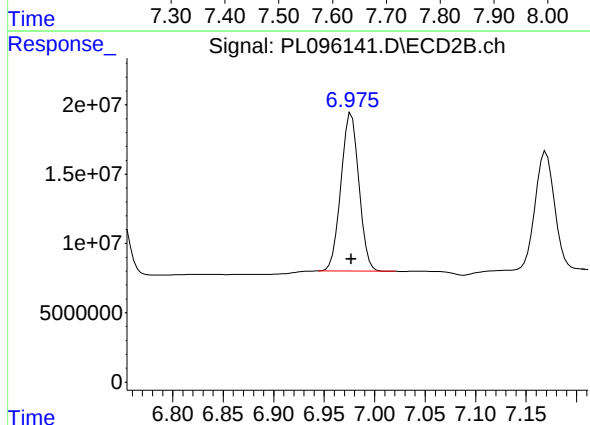
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 86838787
Conc: 24.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

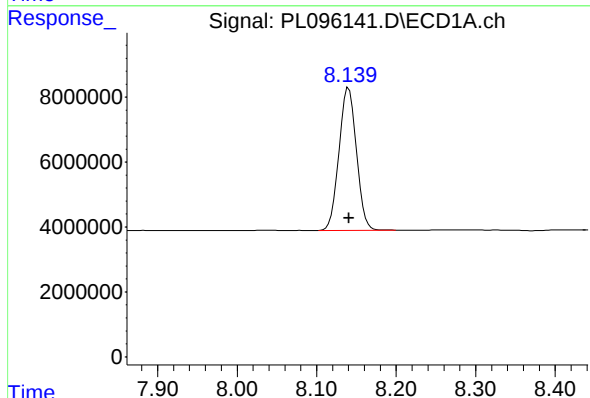
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



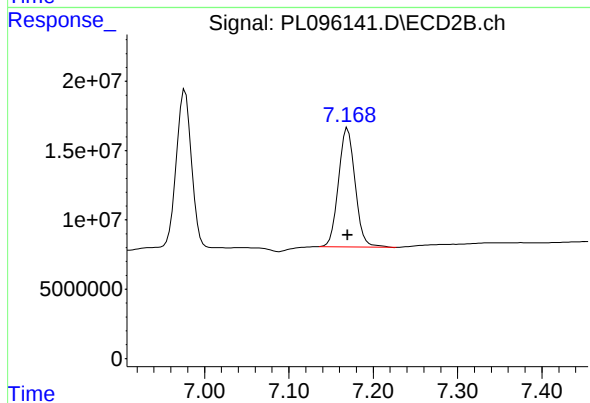
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 141366379
Conc: 23.88 ng/ml



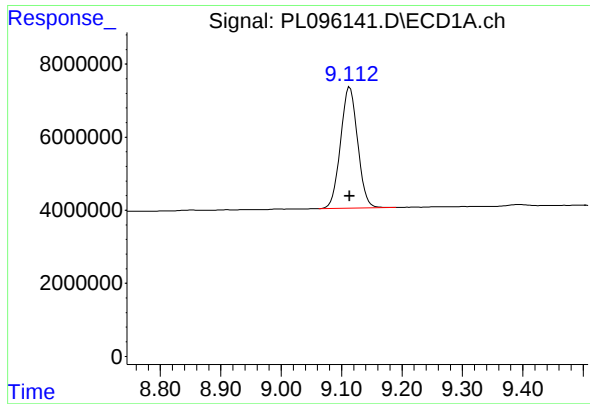
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 67100573
Conc: 25.55 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 117317246
Conc: 25.00 ng/ml



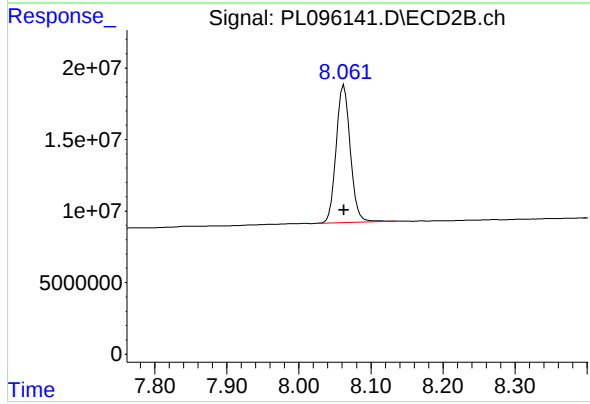
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 65145369
Conc: 25.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Manual Integrations
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Supervised By :mohammad ahmed 06/26/2025



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 130055584
Conc: 24.49 ng/ml