

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
 Data File : PL095359.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 19:50
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 01:28:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.595	2.906	177.3E6	165.4E6	54.323	52.027
28)	SA Decachlor...	9.122	8.086	118.0E6	122.1E6	42.602	41.264
Target Compounds							
2)	A alpha-BHC	4.046	3.415	265.0E6	236.3E6	53.493	53.112
3)	MA gamma-BHC...	4.376	3.749	248.7E6	230.6E6	52.545m	52.423
4)	MA Heptachlor	4.975	4.103	230.9E6	219.3E6	50.471	50.332
5)	MB Aldrin	5.317	4.388	232.1E6	209.3E6	50.525	50.847
6)	B beta-BHC	4.563	4.042	107.1E6	105.7E6	51.786	50.937
7)	B delta-BHC	4.810	4.278	241.0E6	227.9E6	51.814m	52.008
8)	B Heptachlo...	5.738	4.891	203.5E6	190.8E6	50.815	49.392
9)	A Endosulfan I	6.121	5.264	181.2E6	178.8E6	47.715	48.836
10)	B gamma-Chl...	5.992	5.144	202.2E6	197.3E6	49.559	48.696
11)	B alpha-Chl...	6.073	5.208	197.6E6	193.4E6	48.587	48.567
12)	B 4,4'-DDE	6.242	5.395	191.1E6	194.1E6	48.738	47.729
13)	MA Dieldrin	6.394	5.529	181.9E6	192.3E6	47.199	47.274
14)	MA Endrin	6.622	5.804	138.0E6	165.7E6	43.341	45.506
15)	B Endosulfa...	6.834	6.094	151.0E6	162.9E6	47.291	45.369
16)	A 4,4'-DDD	6.751	5.947	136.2E6	155.6E6	48.121	47.641
17)	MA 4,4'-DDT	7.067	6.201	120.1E6	140.9E6	42.148	41.015
18)	B Endrin al...	6.963	6.273	102.4E6	109.8E6	44.105	42.034
19)	B Endosulfa...	7.196	6.496	124.4E6	147.3E6	44.416	44.383
20)	A Methoxychlor	7.538	6.770	57823467	76511212	41.447	40.112m
21)	B Endrin ke...	7.678	7.002	126.2E6	158.2E6	44.276	44.917
22)	Mirex	8.159	7.197	103.2E6	118.1E6	43.414	40.960m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
Data File : PL095359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 19:50
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

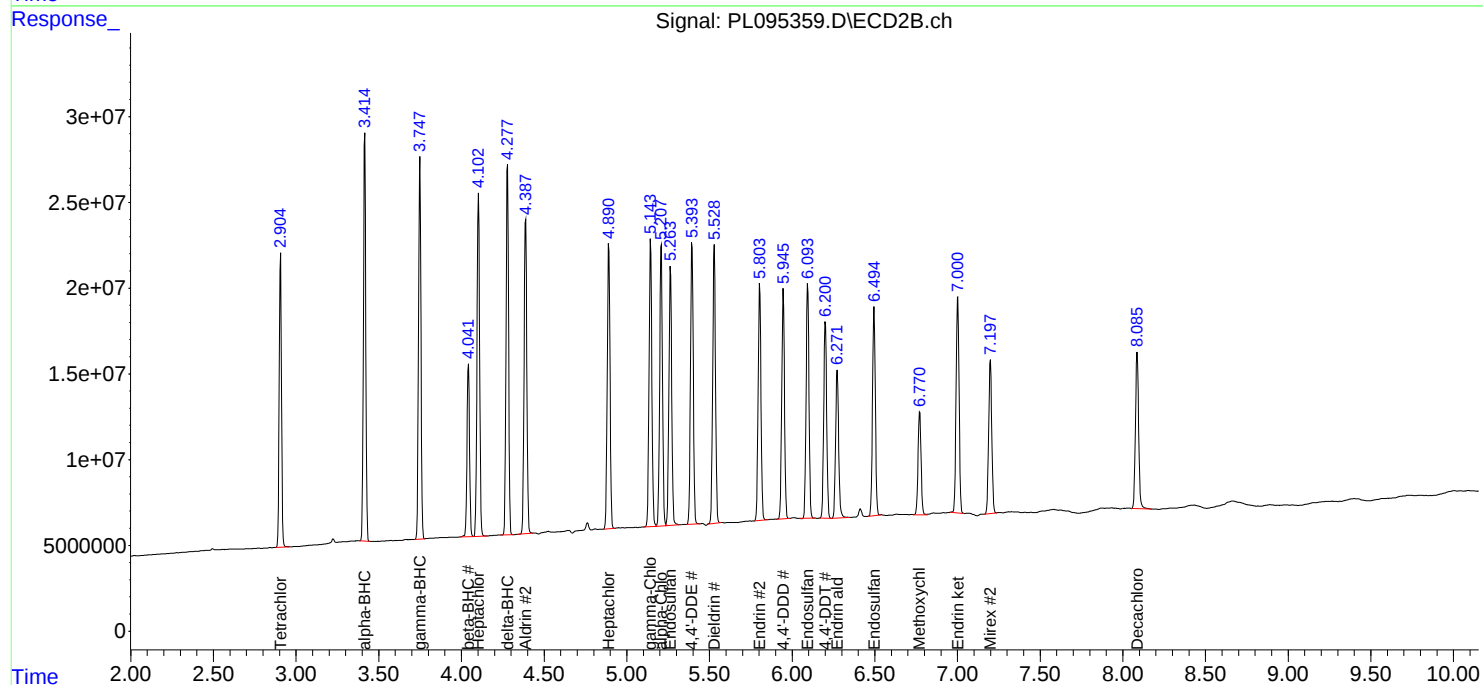
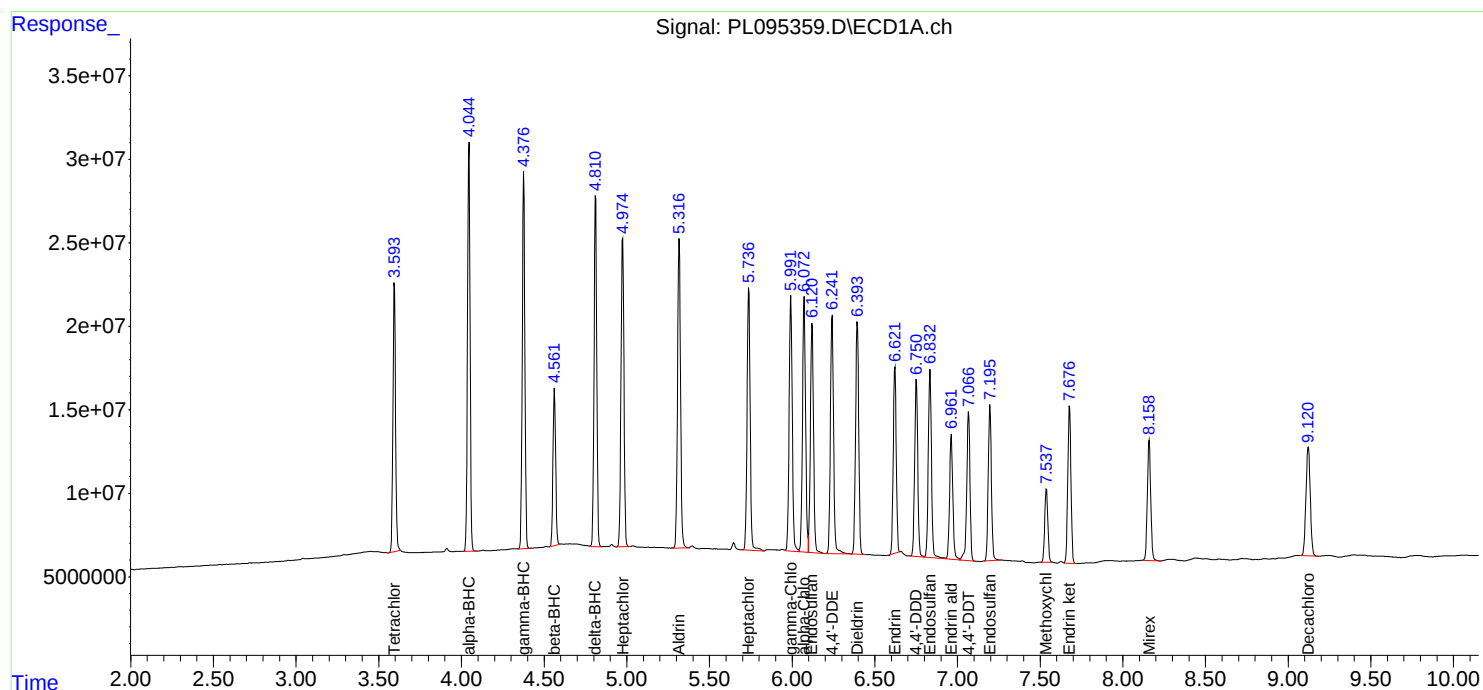
APPROVED

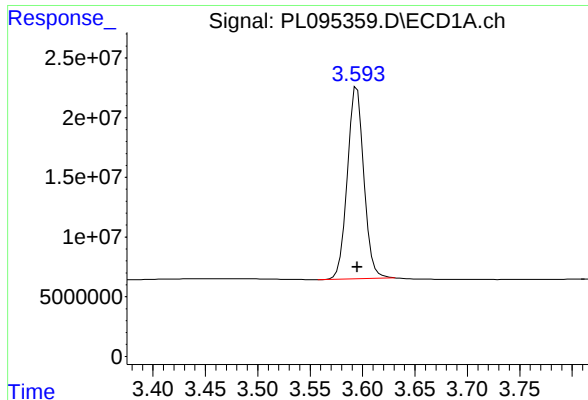
Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 01:28:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 2025
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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





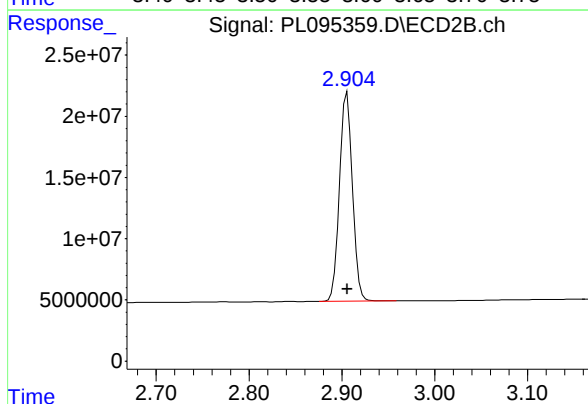
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 177347371
Conc: 54.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

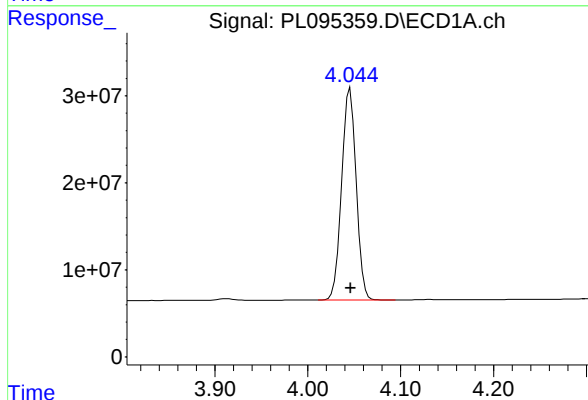
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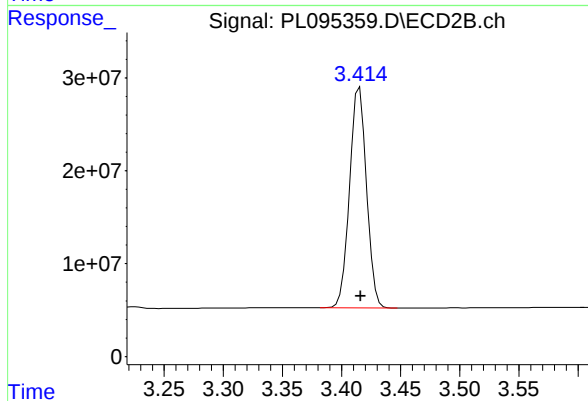
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 165432730
Conc: 52.03 ng/ml



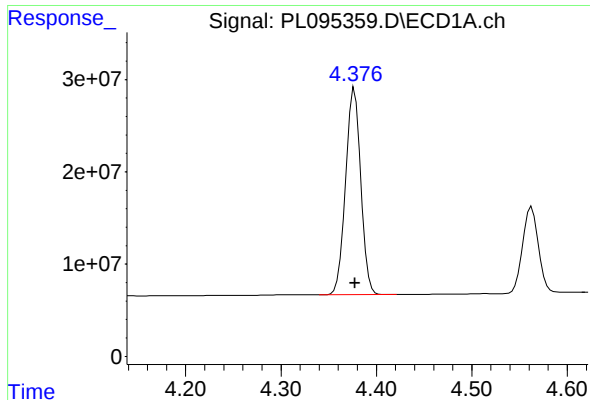
#2 alpha-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 264991885
Conc: 53.49 ng/ml



#2 alpha-BHC

R.T.: 3.415 min
Delta R.T.: 0.000 min
Response: 236279748
Conc: 53.11 ng/ml



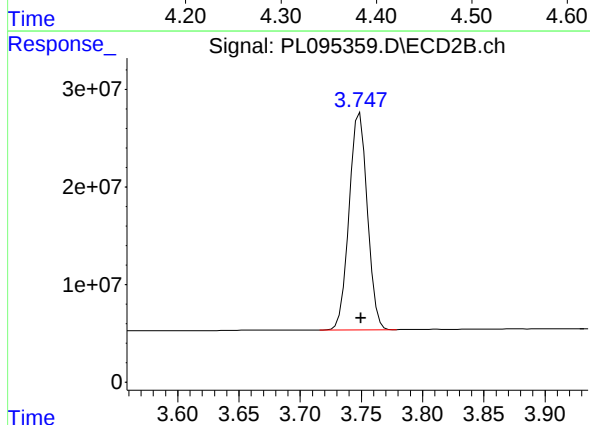
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 248747572
Conc: 52.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

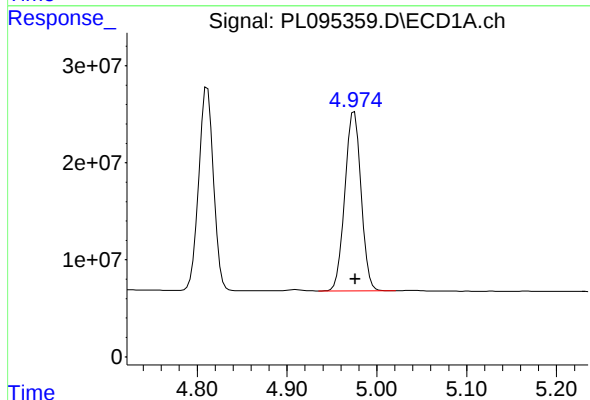
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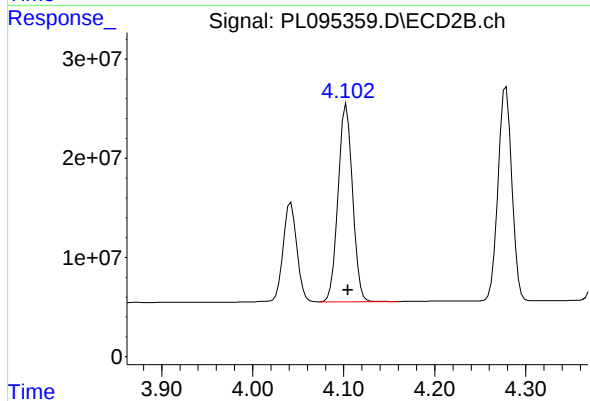
#3 gamma-BHC (Lindane)

R.T.: 3.749 min
Delta R.T.: 0.000 min
Response: 230567307
Conc: 52.42 ng/ml



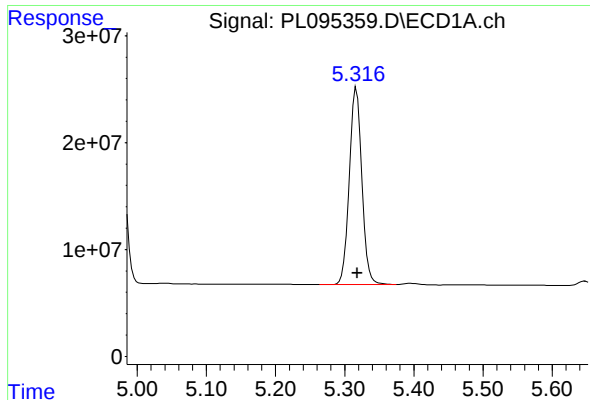
#4 Heptachlor

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 230876102
Conc: 50.47 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.001 min
Response: 219282204
Conc: 50.33 ng/ml



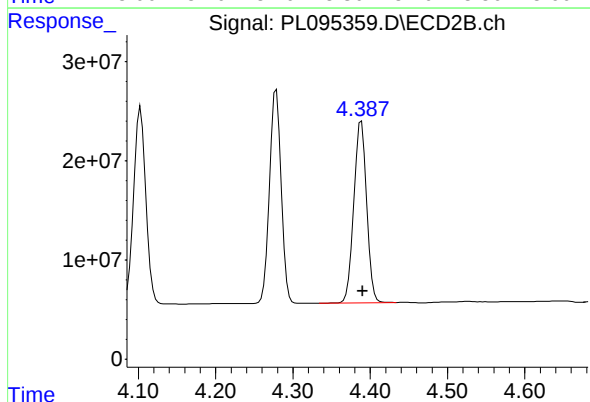
#5 Aldrin

R.T.: 5.317 min
Delta R.T.: -0.001 min
Response: 232062150
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

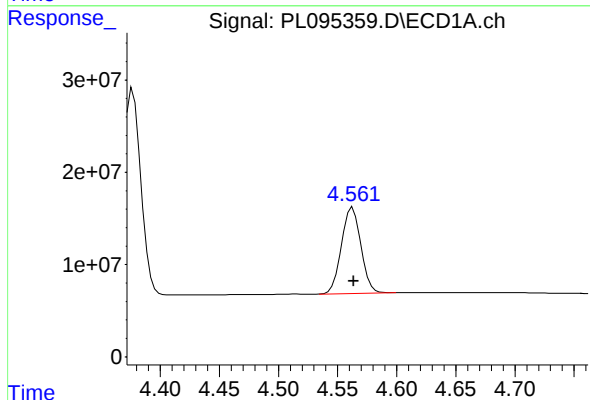
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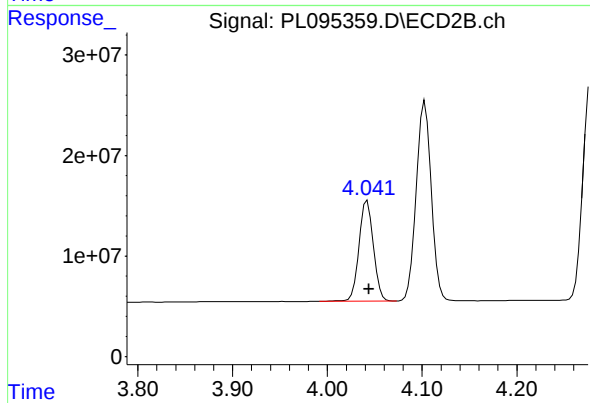
#5 Aldrin

R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 209269832
Conc: 50.85 ng/ml



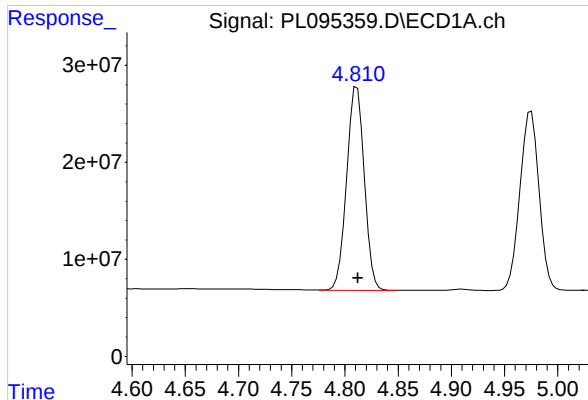
#6 beta-BHC

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 107068856
Conc: 51.79 ng/ml



#6 beta-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 105738686
Conc: 50.94 ng/ml



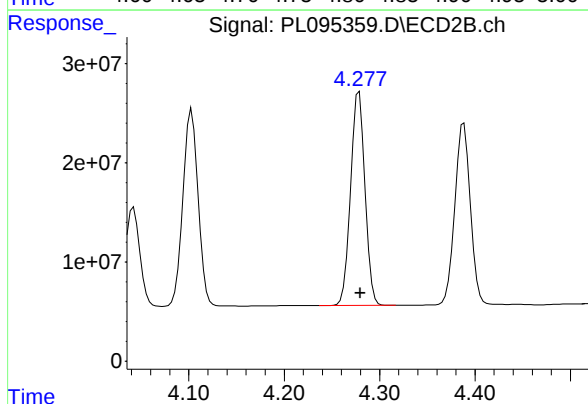
#7 delta-BHC

R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 240972311
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

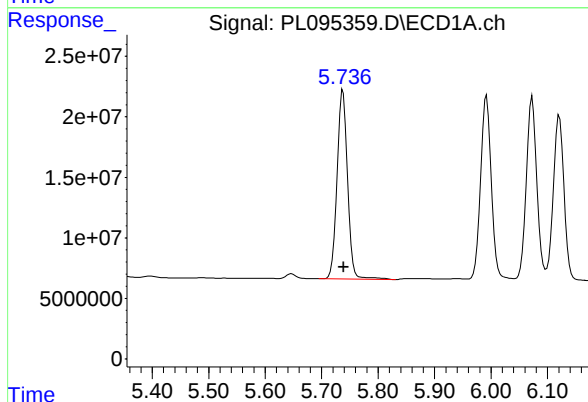
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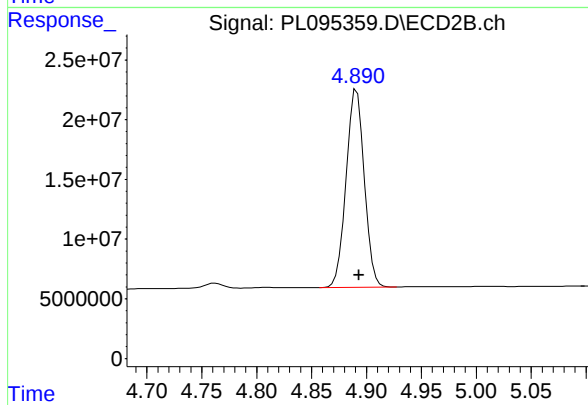
#7 delta-BHC

R.T.: 4.278 min
Delta R.T.: -0.001 min
Response: 227898169
Conc: 52.01 ng/ml



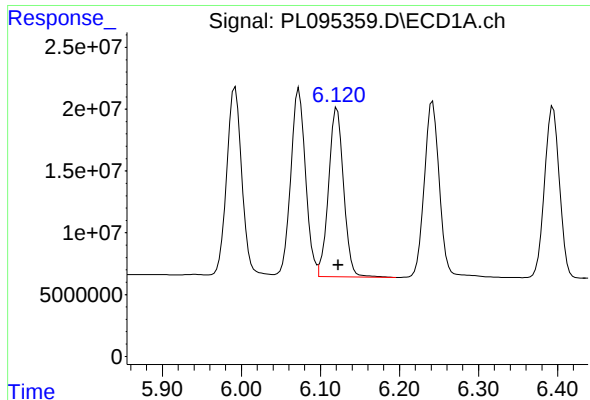
#8 Heptachlor epoxide

R.T.: 5.738 min
Delta R.T.: -0.001 min
Response: 203520360
Conc: 50.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 190784419
Conc: 49.39 ng/ml



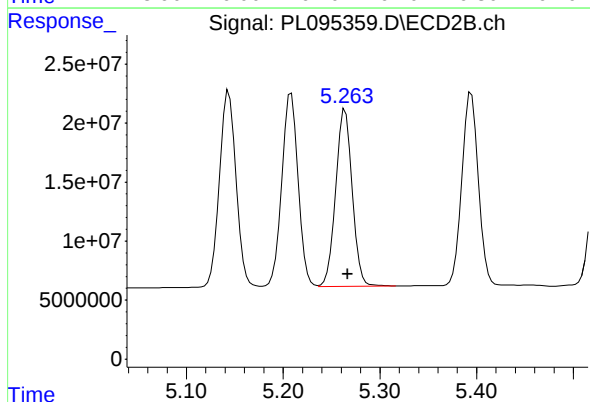
#9 Endosulfan I

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 181199518
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

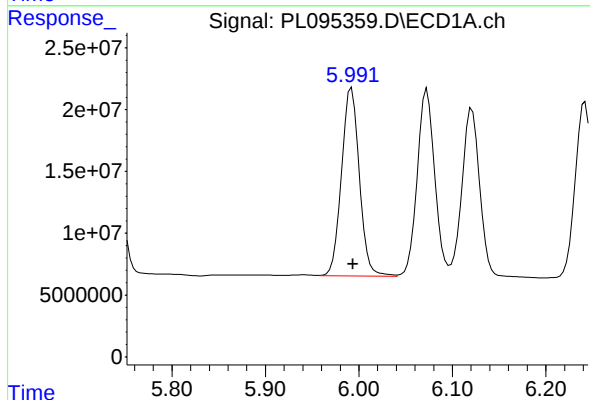
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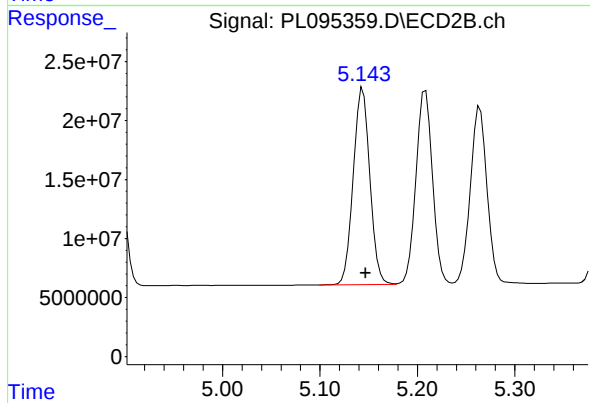
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 178761812
Conc: 48.84 ng/ml



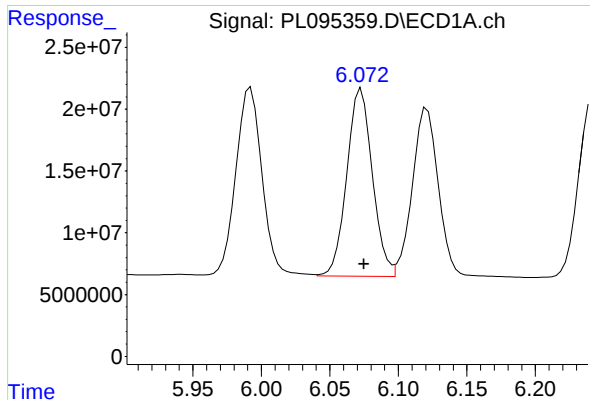
#10 gamma-Chlordane

R.T.: 5.992 min
Delta R.T.: -0.001 min
Response: 202168792
Conc: 49.56 ng/ml



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 197347724
Conc: 48.70 ng/ml



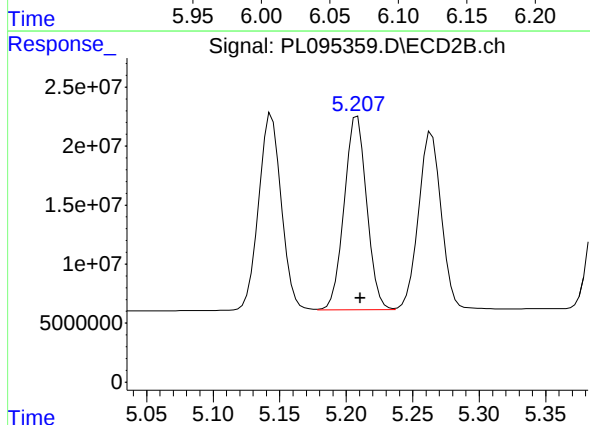
#11 alpha-Chlordane

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 197561162
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

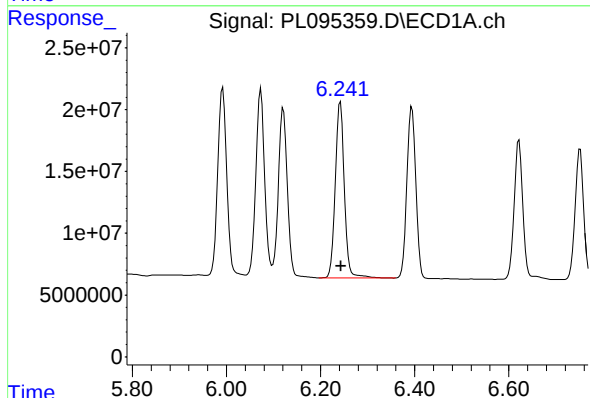
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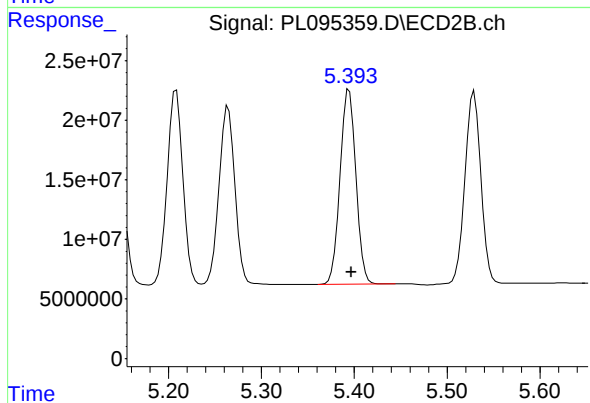
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 193350010
Conc: 48.57 ng/ml



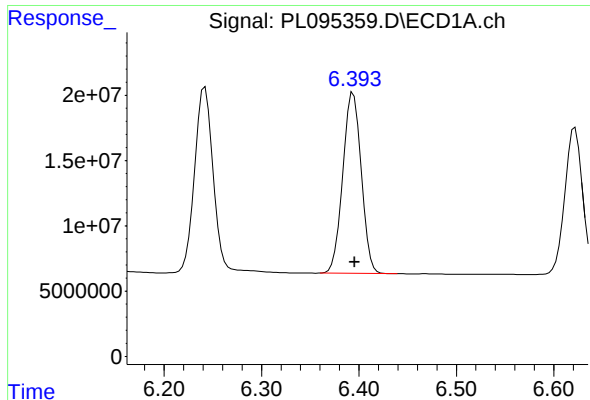
#12 4,4'-DDE

R.T.: 6.242 min
Delta R.T.: -0.001 min
Response: 191081401
Conc: 48.74 ng/ml



#12 4,4'-DDE

R.T.: 5.395 min
Delta R.T.: -0.002 min
Response: 194110641
Conc: 47.73 ng/ml



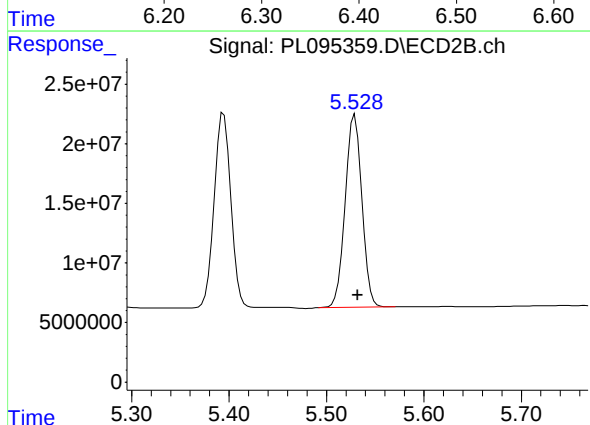
#13 Dieldrin

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 181944408
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

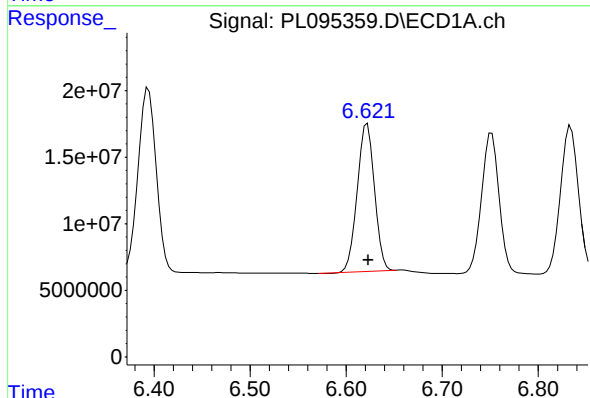
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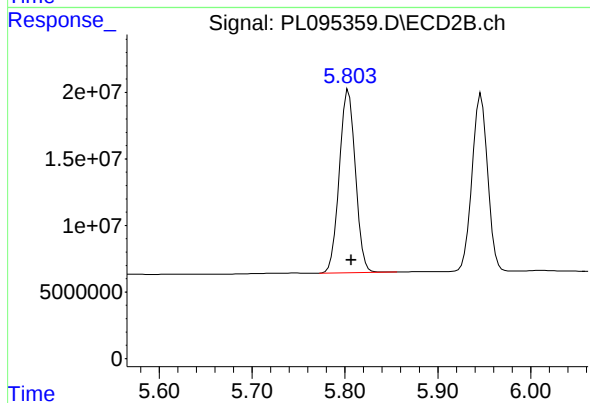
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: -0.003 min
Response: 192268921
Conc: 47.27 ng/ml



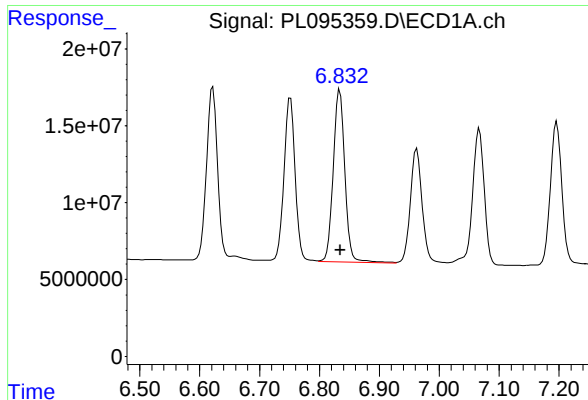
#14 Endrin

R.T.: 6.622 min
Delta R.T.: -0.001 min
Response: 138029119
Conc: 43.34 ng/ml



#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 165674828
Conc: 45.51 ng/ml



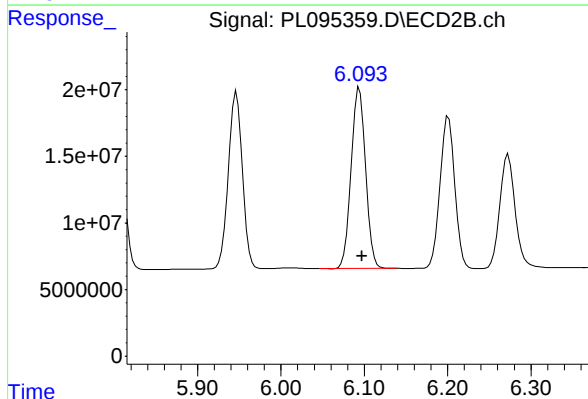
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: -0.001 min
Response: 150961218
Conc: 47.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

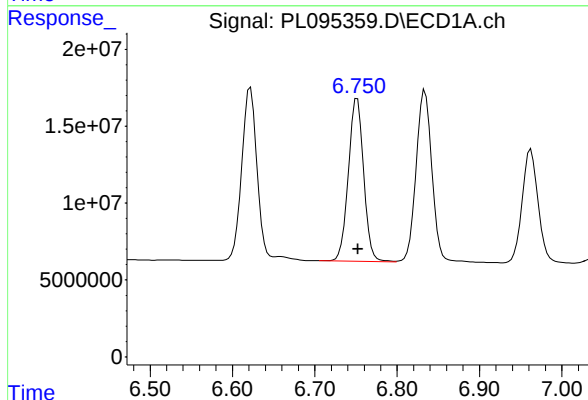
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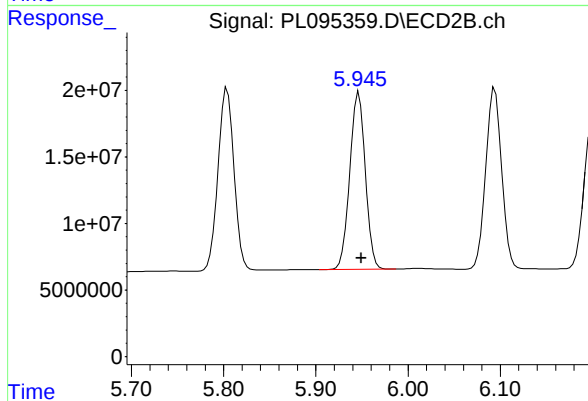
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 162924530
Conc: 45.37 ng/ml



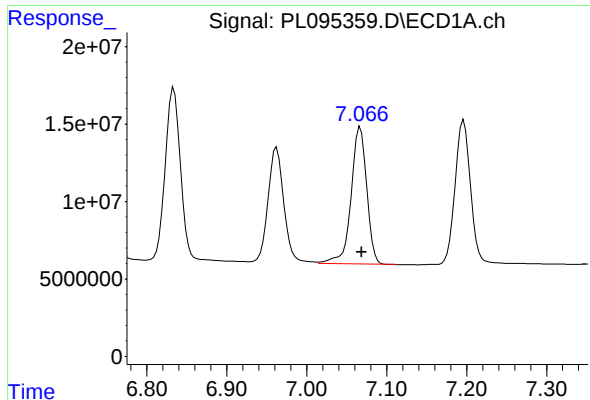
#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 136227969
Conc: 48.12 ng/ml



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 155631882
Conc: 47.64 ng/ml



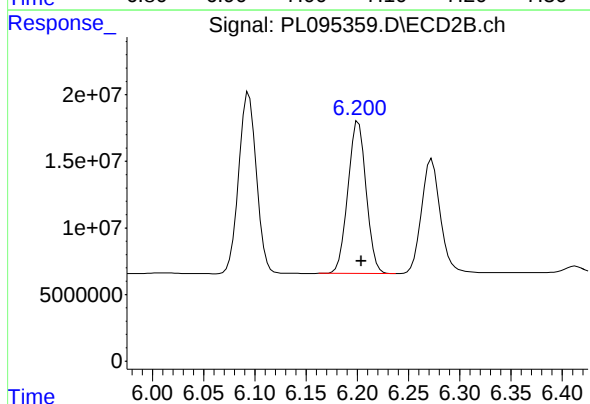
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 120061120
Conc: 42.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

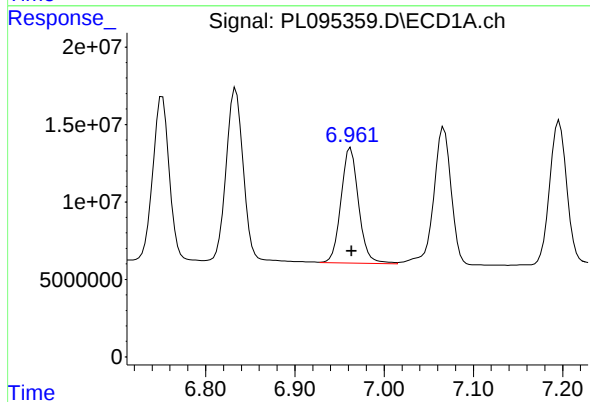
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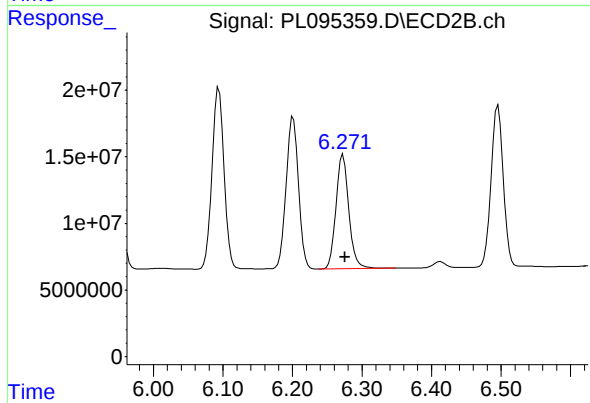
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 140936055
Conc: 41.02 ng/ml



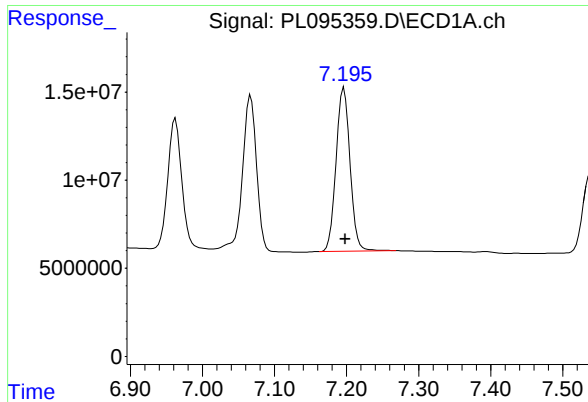
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.001 min
Response: 102358443
Conc: 44.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 109840205
Conc: 42.03 ng/ml



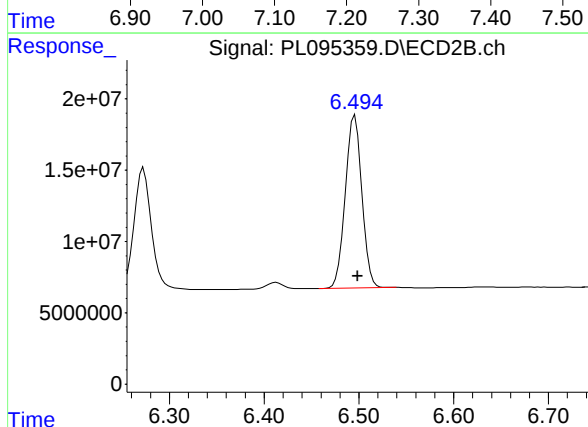
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 124445257
Conc: 44.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

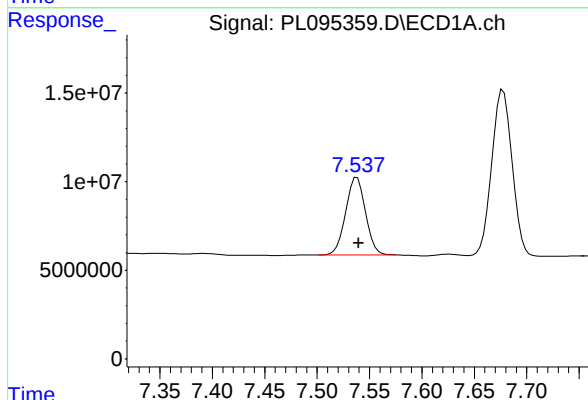
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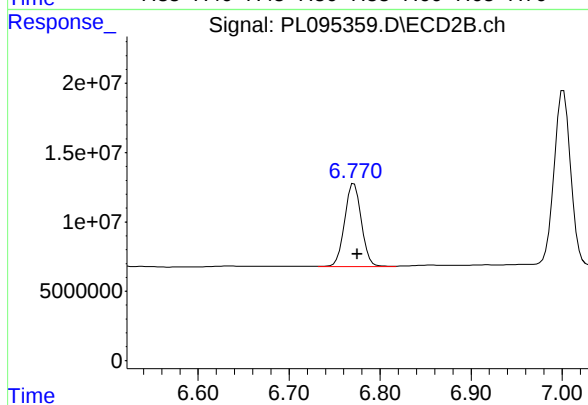
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 147259304
Conc: 44.38 ng/ml



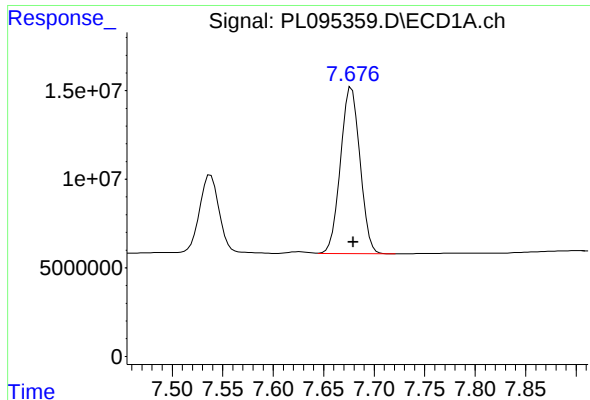
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 57823467
Conc: 41.45 ng/ml



#20 Methoxychlor

R.T.: 6.770 min
Delta R.T.: -0.005 min
Response: 76511212
Conc: 40.11 ng/ml m



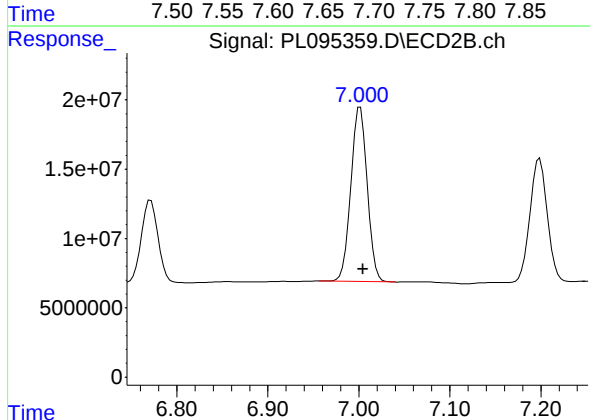
#21 Endrin ketone

R.T.: 7.678 min
Delta R.T.: -0.002 min
Response: 126226688
Conc: 44.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

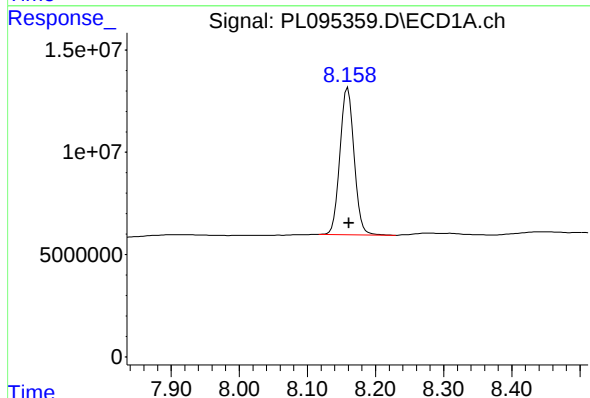
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



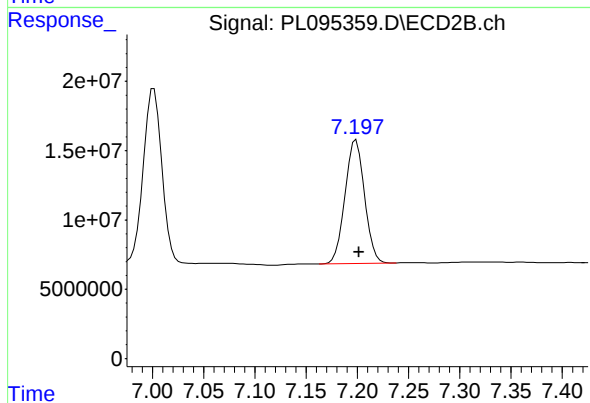
#21 Endrin ketone

R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 158165560
Conc: 44.92 ng/ml



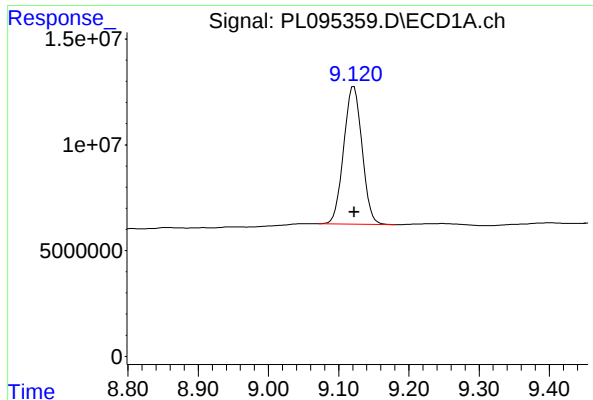
#22 Mirex

R.T.: 8.159 min
Delta R.T.: -0.001 min
Response: 103152302
Conc: 43.41 ng/ml



#22 Mirex

R.T.: 7.197 min
Delta R.T.: -0.004 min
Response: 118064075
Conc: 40.96 ng/ml m



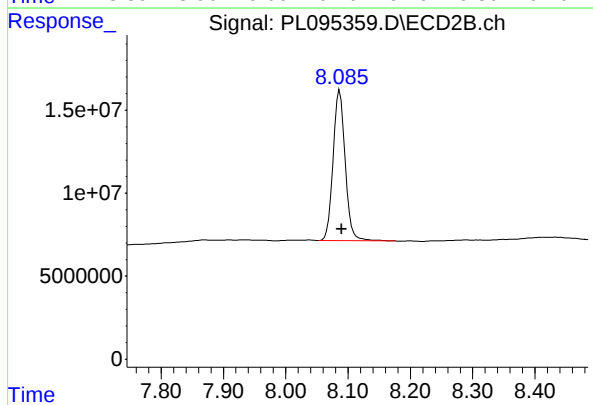
#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 118042131
Conc: 42.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: -0.003 min
Response: 122112198
Conc: 41.26 ng/ml