

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012025\
 Data File : PL093721.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2025 18:08
 Operator : AR\AJ
 Sample : Q1123-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BU-03-1172025MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/21/2025
 Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 05:16:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 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	2.775	38990550	48443286	15.749m	16.640
28) SA Decachlor...	9.050	7.909	26043979	37145914	14.085	12.440
Target Compounds						
2) A alpha-BHC	3.994	3.277	153.1E6	192.7E6	44.350	44.325
3) MA gamma-BHC...	4.327	3.607	144.8E6	190.0E6	44.163	45.021
4) MA Heptachlor	4.915	3.945	130.0E6	188.4E6	44.390	45.344
5) MB Aldrin	5.256	4.224	125.6E6	182.9E6	43.163	44.596
6) B beta-BHC	4.525	3.907	64289109	87554485	44.596	48.709
7) B delta-BHC	4.772	4.135	139.7E6	191.8E6	45.605	45.358
8) B Heptachlo...	5.683	4.727	114.1E6	172.4E6	43.314	45.035
9) A Endosulfan I	6.068	5.096	104.1E6	145.4E6	44.124	41.621m
10) B gamma-Chl...	5.939	4.977	119.4E6	196.5E6	47.519	51.008
11) B alpha-Chl...	6.017	5.040	120.7E6	180.8E6	48.229	47.491
12) B 4,4'-DDE	6.190	5.229	103.5E6	186.0E6	46.119	50.573
13) MA Dieldrin	6.341	5.361	111.6E6	181.2E6	44.730m	47.015
14) MA Endrin	6.571	5.636	92948832	154.8E6	43.183m	46.778
15) B Endosulfa...	6.793	5.931	95742102	148.6E6	42.116	45.731
16) A 4,4'-DDD	6.708	5.784	96793478	145.9E6	55.123	51.567
17) MA 4,4'-DDT	7.022	6.034	84260340	131.4E6	45.582	43.501
18) B Endrin al...	6.923	6.110	71699745	109.5E6	40.405	40.669
19) B Endosulfa...	7.157	6.333	89240493	135.0E6	44.200	42.784
20) A Methoxychlor	7.498	6.609	41331109	63666258	41.344	39.553
21) B Endrin ke...	7.640	6.838	98167587	142.3E6	43.750m	39.077
22) Mirex	8.114	7.018	72557175	113.7E6	38.827	37.214

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

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Data File : PL093721.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 18:08
Operator : AR\AJ
Sample : Q1123-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

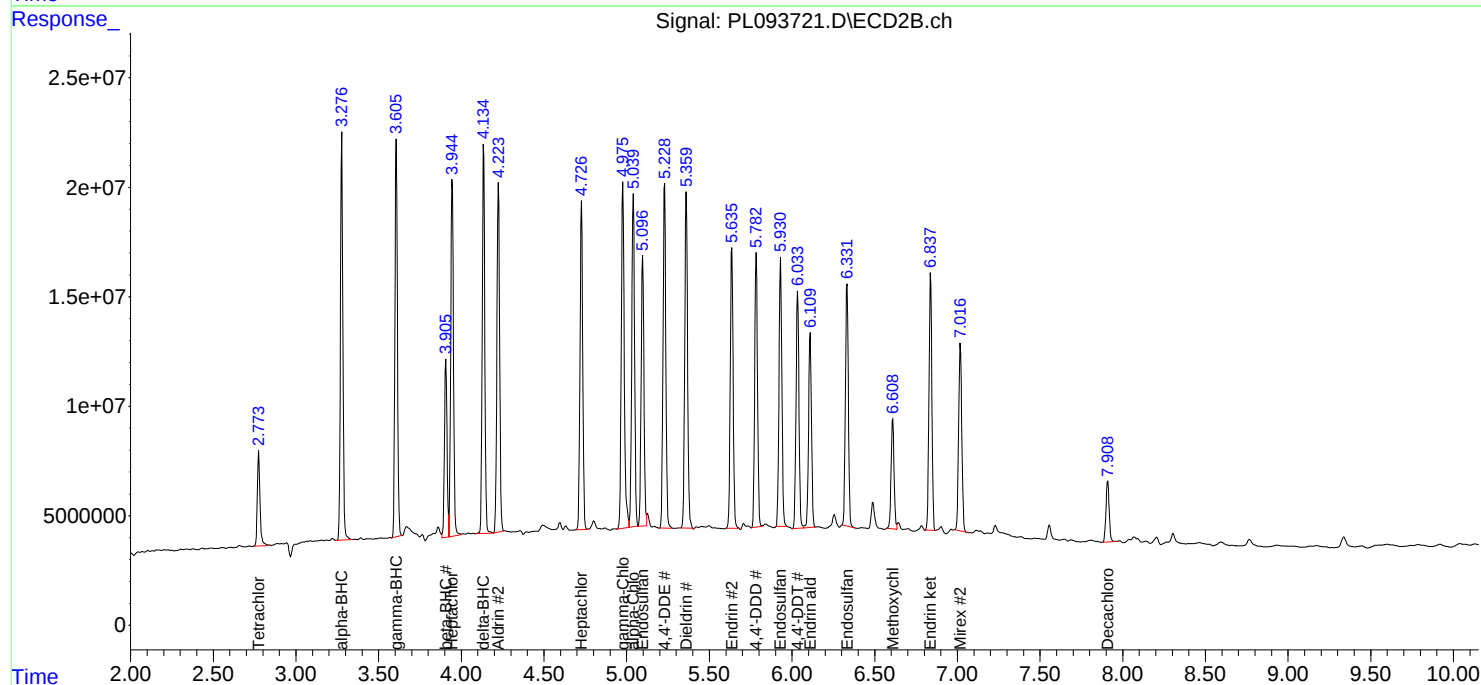
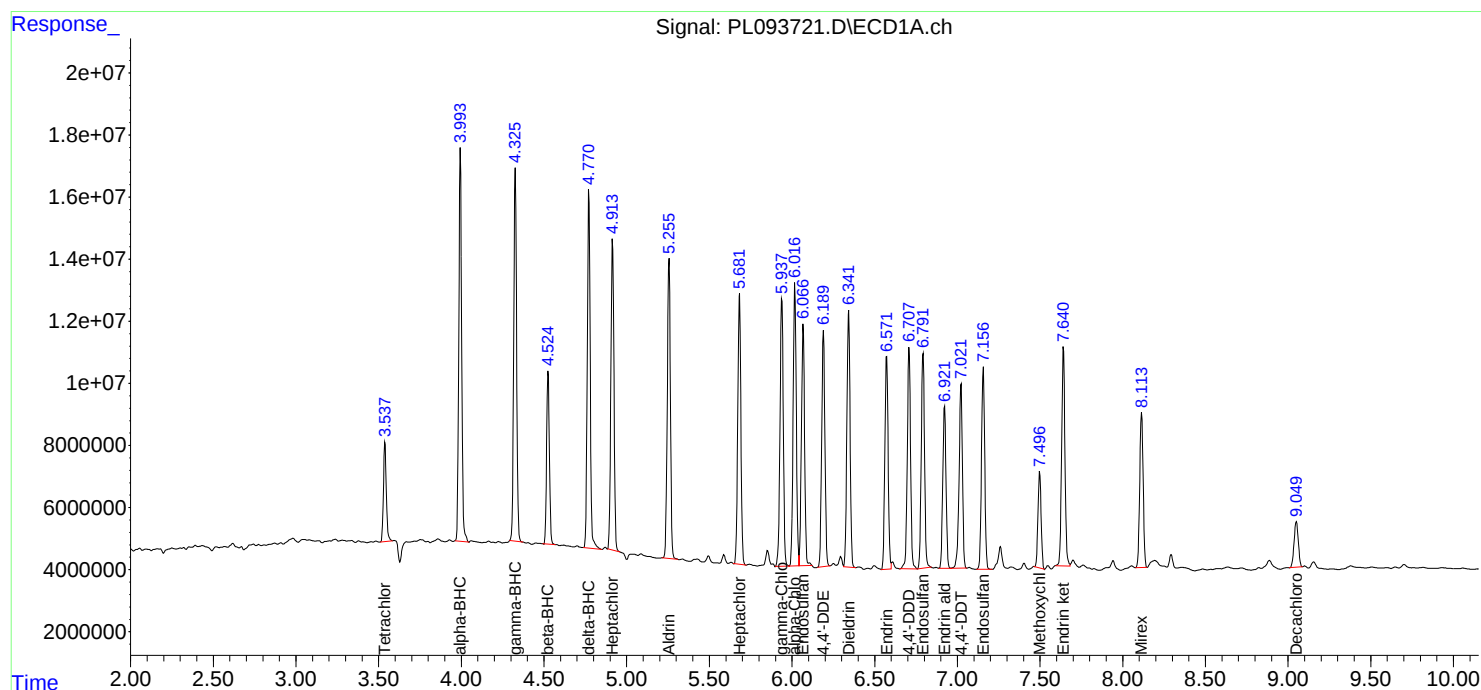
Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MSD

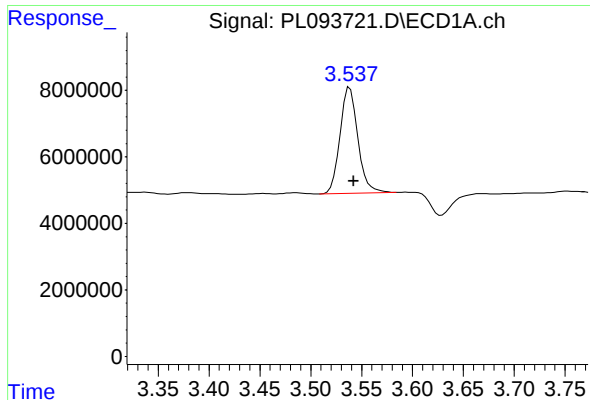
Manual Integrations
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Reviewed By : Abdul Mirza 01/21/2025
Supervised By : Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 05:16:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
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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





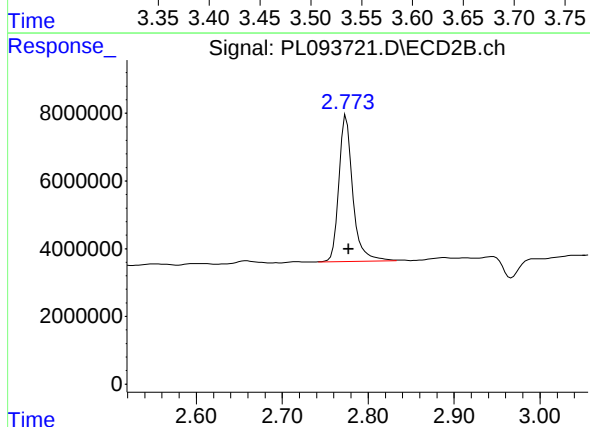
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.005 min
Response: 38990550
Conc: 15.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MSD

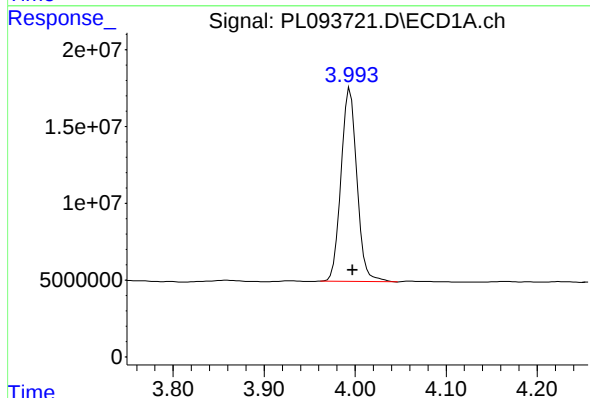
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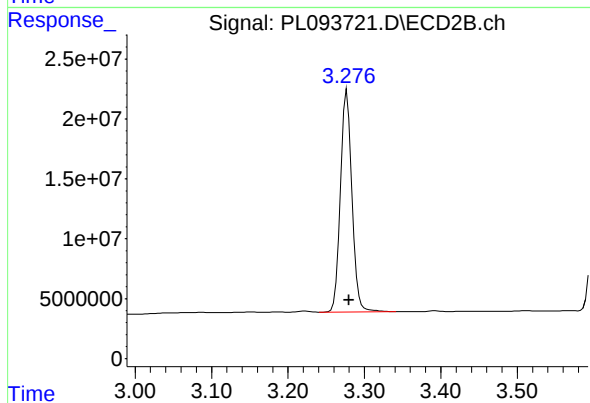
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.003 min
Response: 48443286
Conc: 16.64 ng/ml



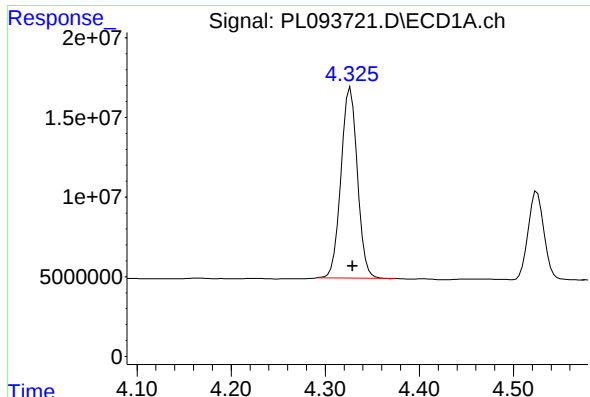
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.003 min
Response: 153114778
Conc: 44.35 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 192672035
Conc: 44.33 ng/ml



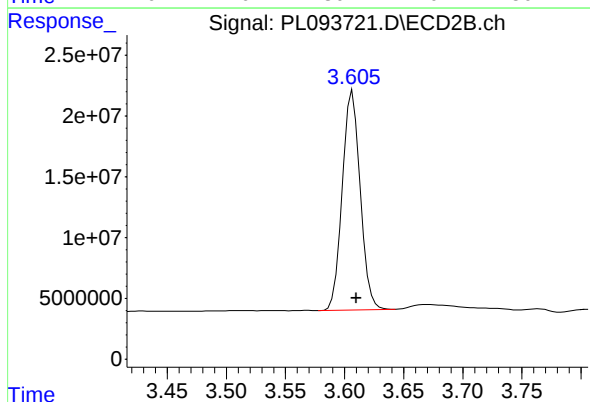
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.003 min
Response: 144830606
Conc: 44.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MSD

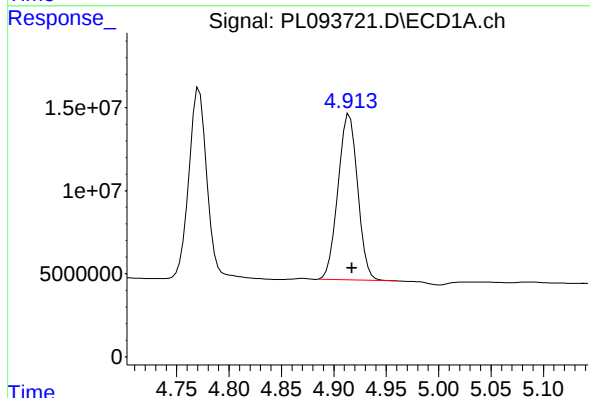
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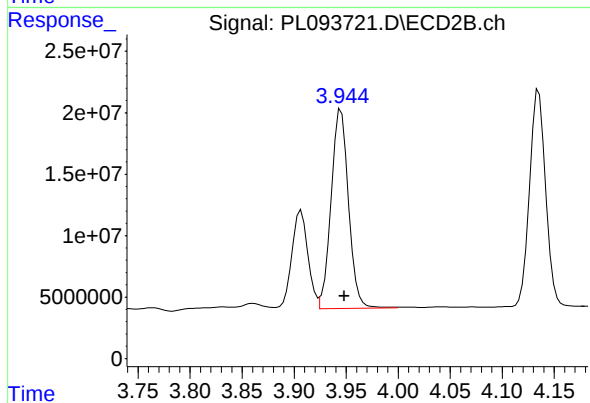
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 189961308
Conc: 45.02 ng/ml



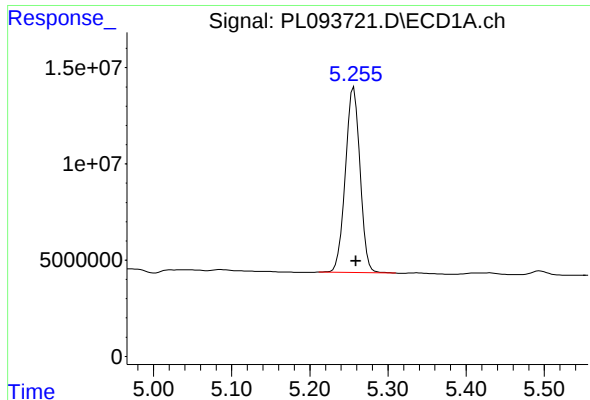
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: -0.003 min
Response: 129986241
Conc: 44.39 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 188447269
Conc: 45.34 ng/ml



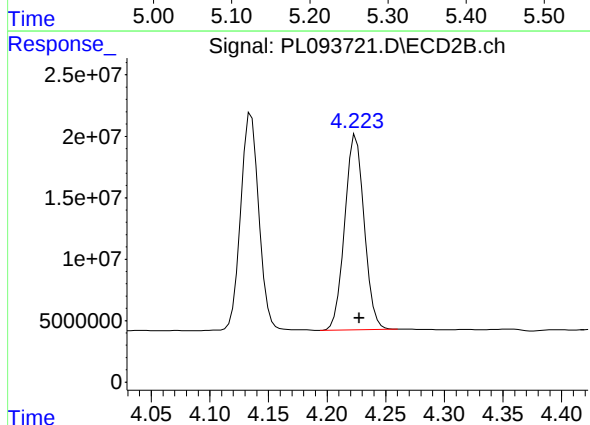
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 125553938
Conc: 43.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MSD

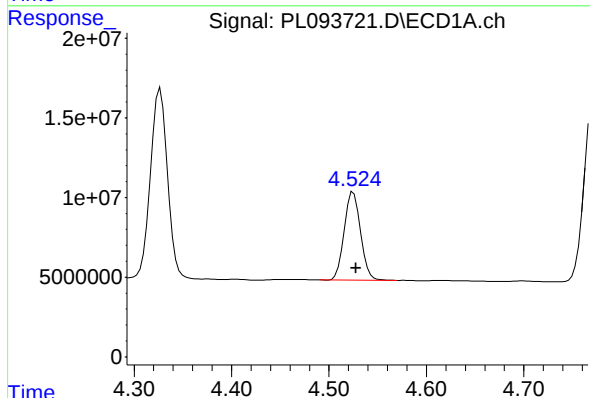
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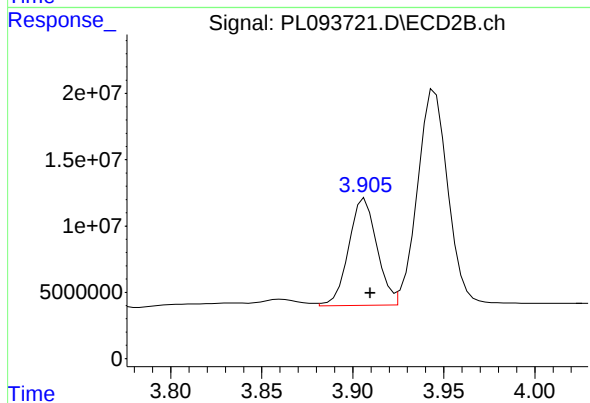
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: -0.003 min
Response: 182946949
Conc: 44.60 ng/ml



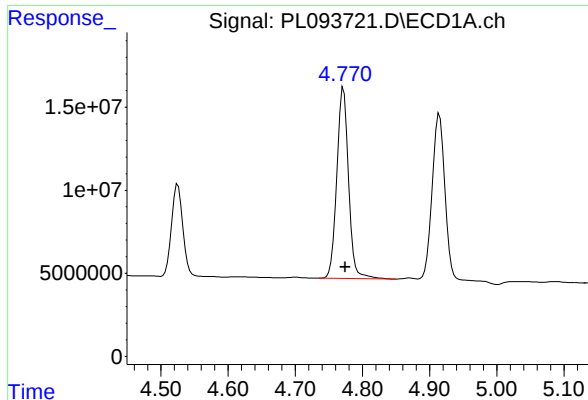
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 64289109
Conc: 44.60 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 87554485
Conc: 48.71 ng/ml



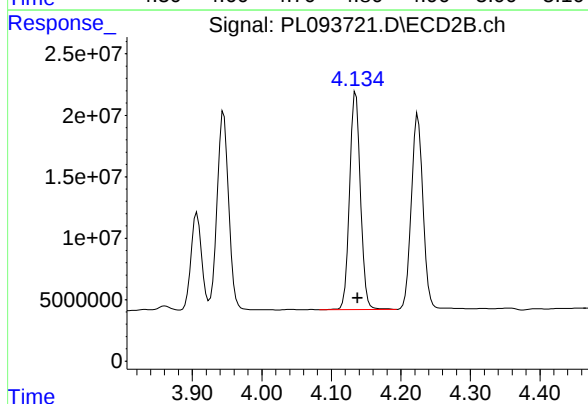
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.003 min
Response: 139669815
Conc: 45.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MSD

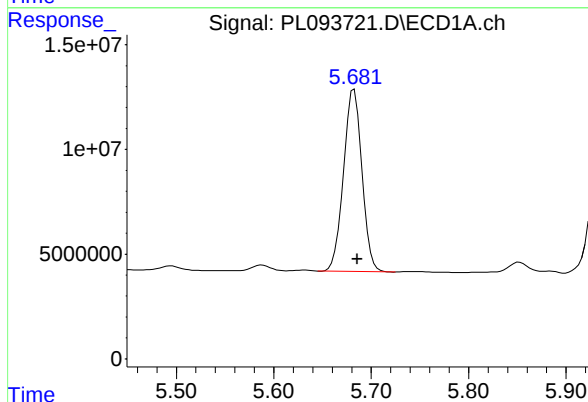
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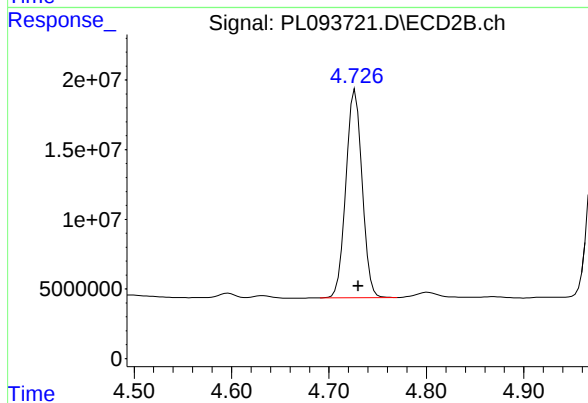
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: -0.003 min
Response: 191812988
Conc: 45.36 ng/ml



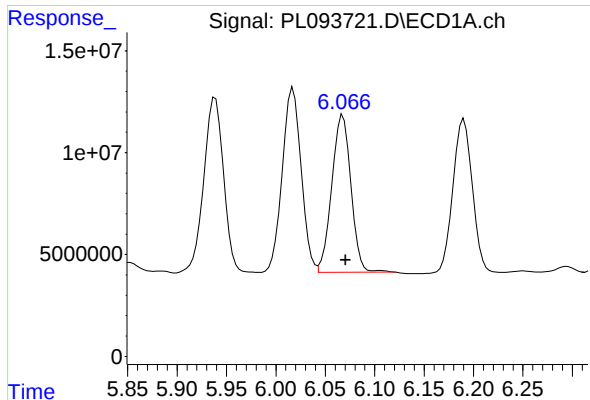
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 114103581
Conc: 43.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: -0.003 min
Response: 172424829
Conc: 45.03 ng/ml



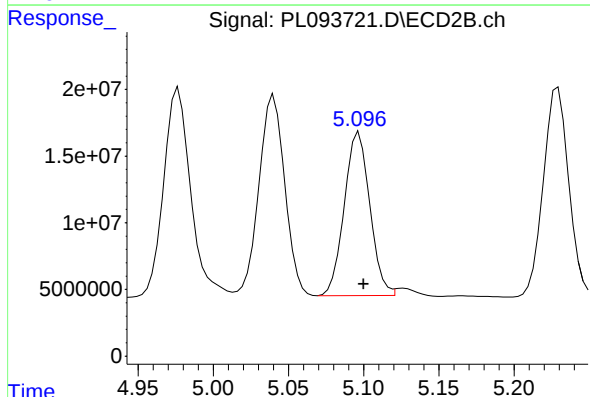
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 104098854
Conc: 44.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MSD

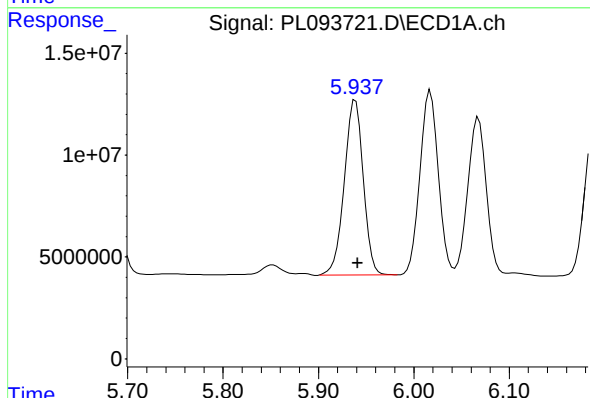
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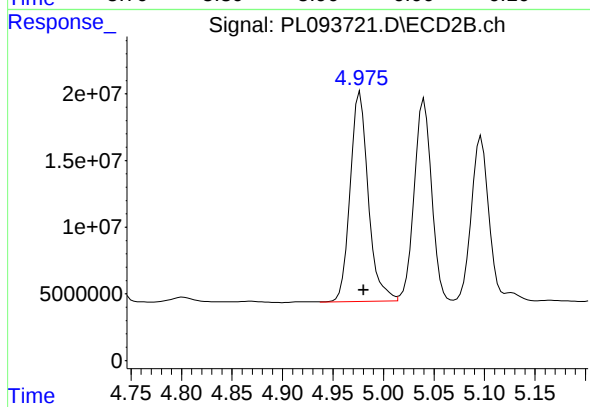
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: -0.004 min
Response: 145422304
Conc: 41.62 ng/ml



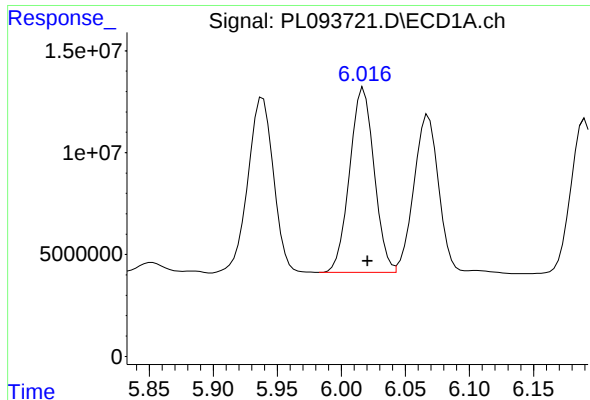
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 119418661
Conc: 47.52 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 196533970
Conc: 51.01 ng/ml



#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.003 min
Response: 120713829
Conc: 48.23 ng/ml

Instrument :

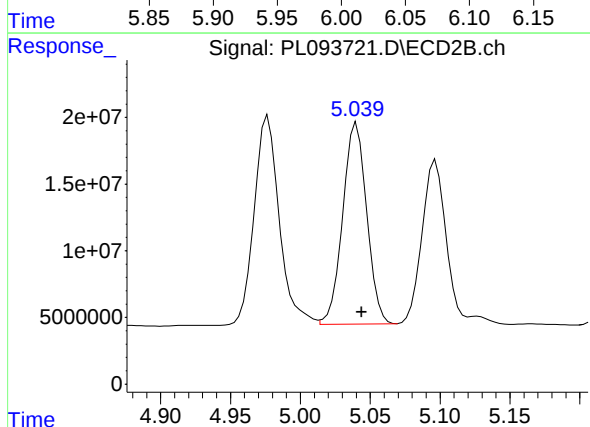
ECD_L

ClientSampleId :

BU-03-1172025MSD

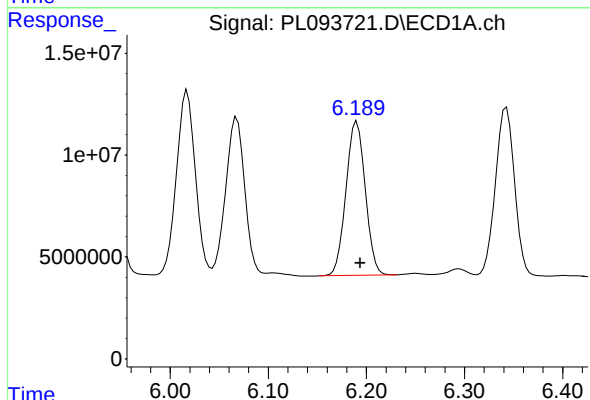
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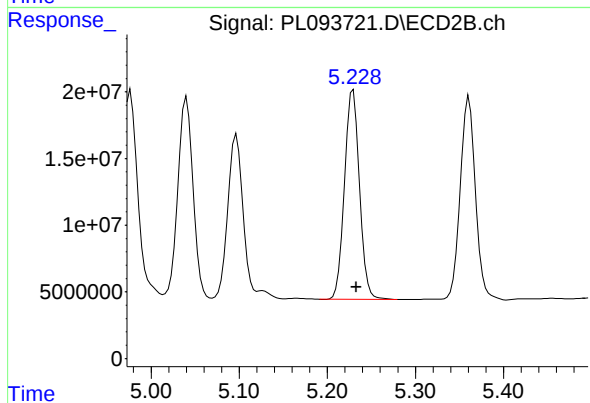
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 180817627
Conc: 47.49 ng/ml



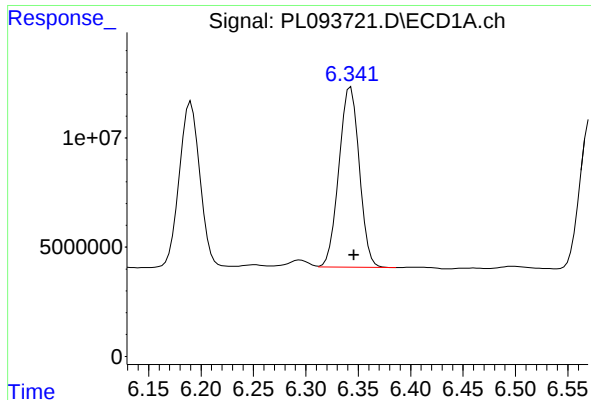
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.004 min
Response: 103484804
Conc: 46.12 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: -0.004 min
Response: 185967536
Conc: 50.57 ng/ml



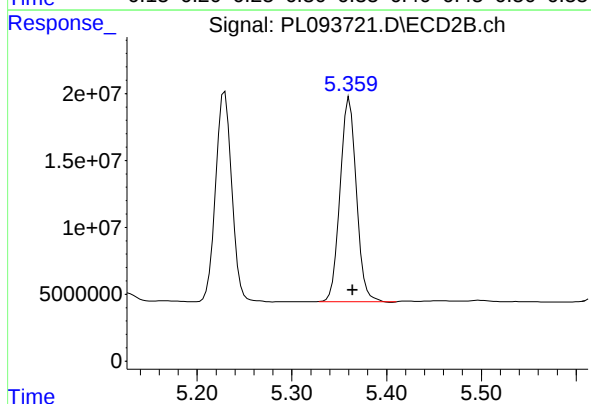
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.005 min
Response: 111605472
Conc: 44.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MSD

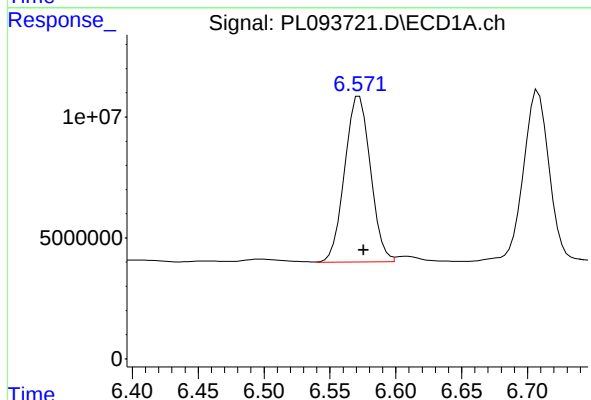
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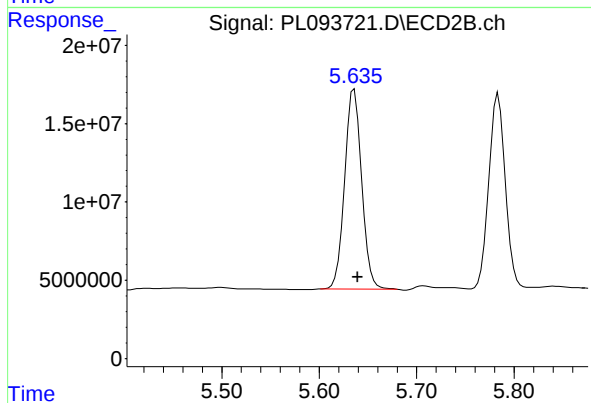
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: -0.003 min
Response: 181188275
Conc: 47.01 ng/ml



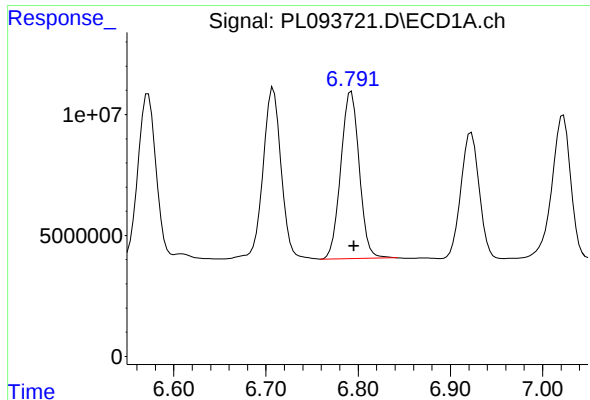
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.005 min
Response: 92948832
Conc: 43.18 ng/ml m



#14 Endrin

R.T.: 5.636 min
Delta R.T.: -0.004 min
Response: 154758396
Conc: 46.78 ng/ml



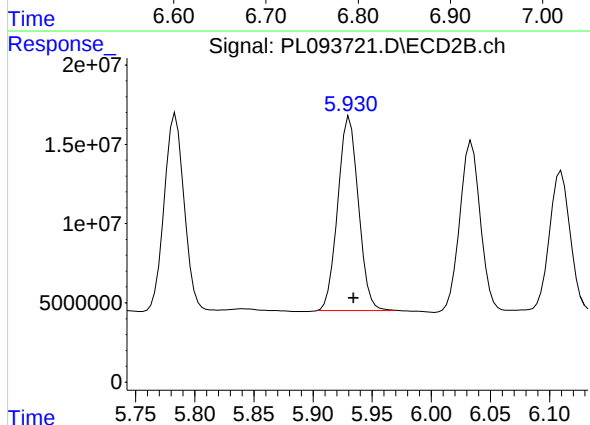
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 95742102
Conc: 42.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
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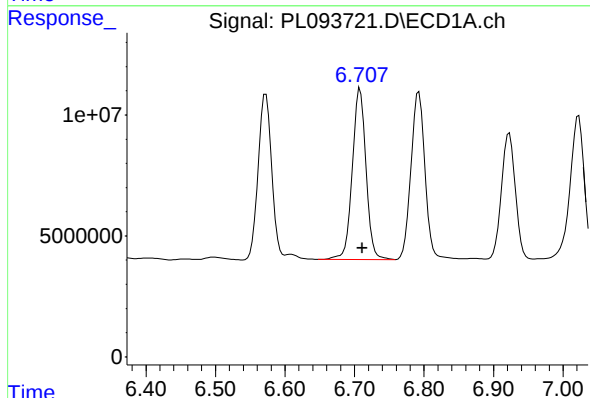
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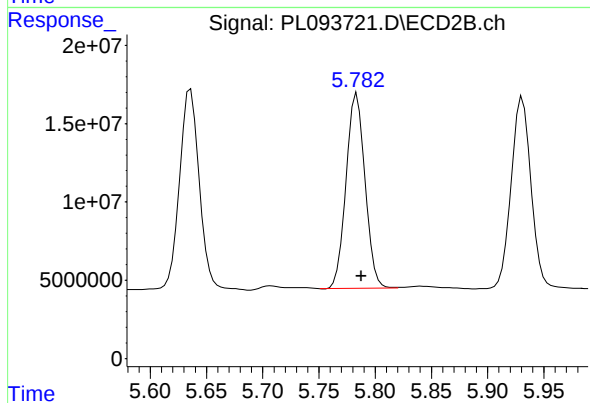
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 148578725
Conc: 45.73 ng/ml



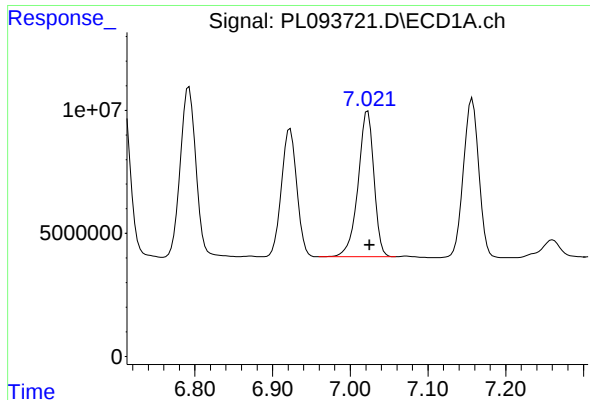
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 96793478
Conc: 55.12 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: -0.004 min
Response: 145941195
Conc: 51.57 ng/ml



#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.003 min
Response: 84260340
Conc: 45.58 ng/ml

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#17 4,4'-DDT

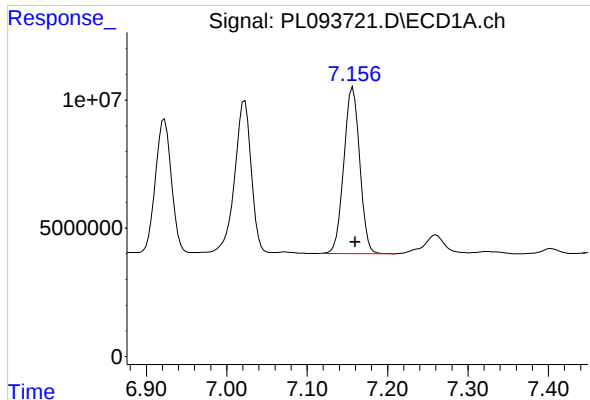
R.T.: 6.034 min
Delta R.T.: -0.003 min
Response: 131386914
Conc: 43.50 ng/ml

#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.003 min
Response: 71699745
Conc: 40.40 ng/ml

#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 109524666
Conc: 40.67 ng/ml



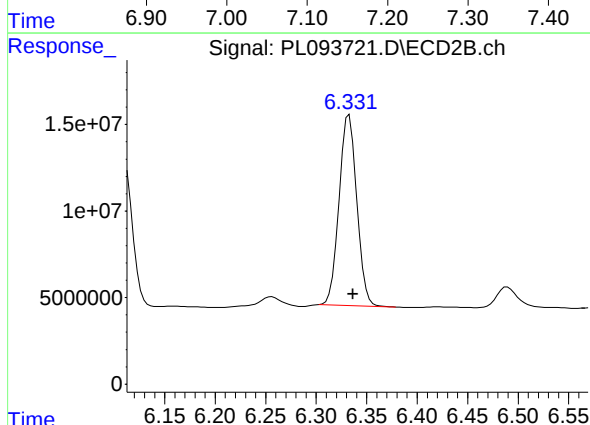
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.003 min
Response: 89240493
Conc: 44.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MSD

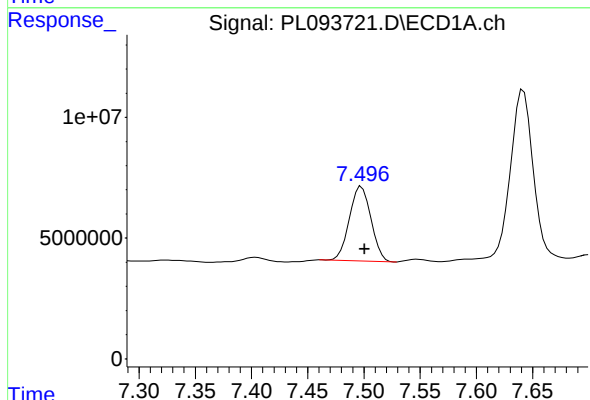
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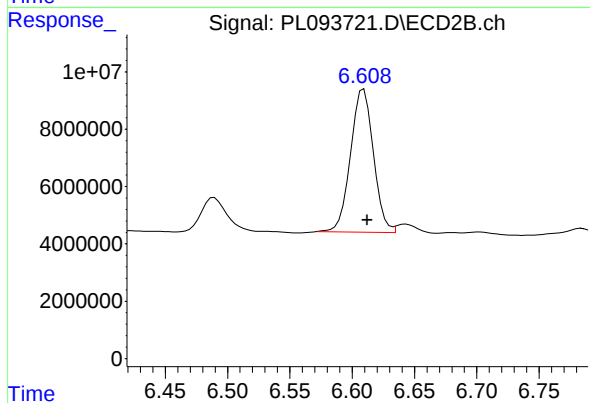
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: -0.004 min
Response: 134959544
Conc: 42.78 ng/ml



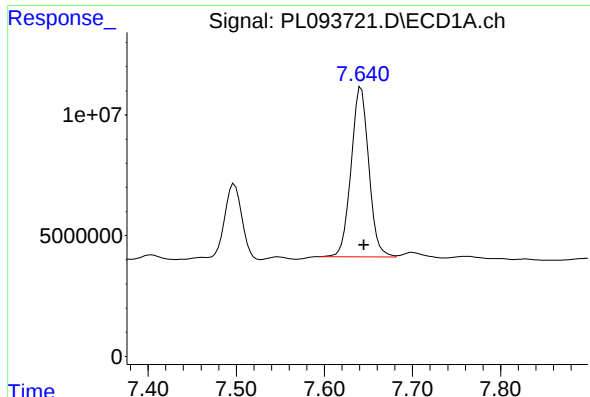
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 41331109
Conc: 41.34 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 63666258
Conc: 39.55 ng/ml



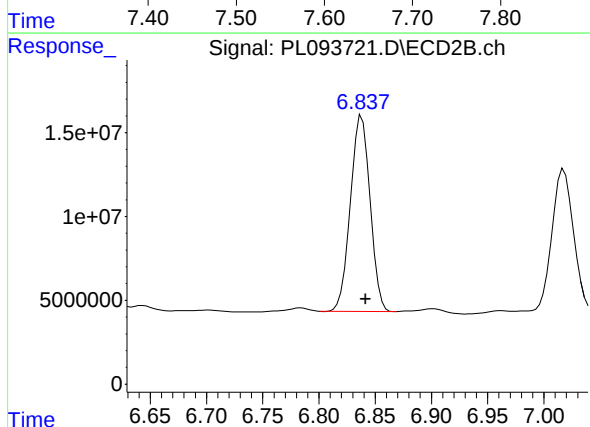
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 98167587
Conc: 43.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
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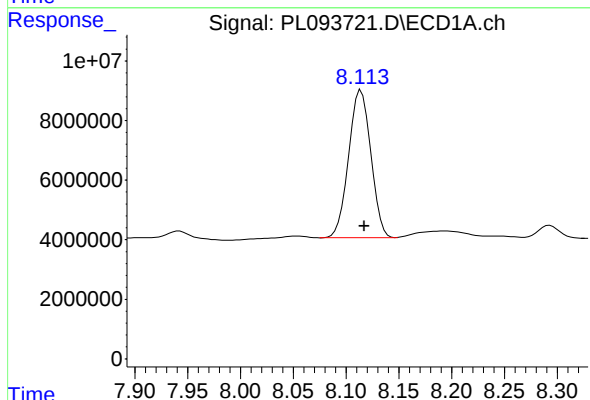
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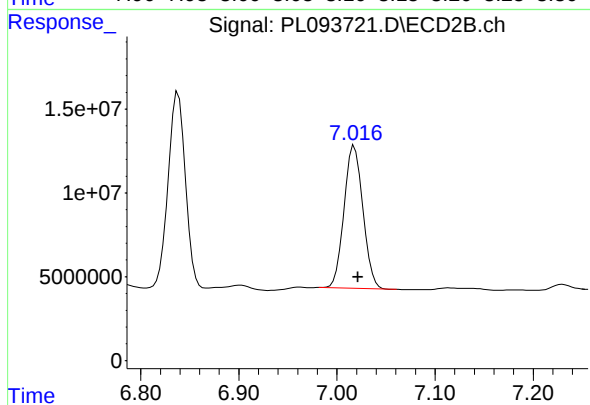
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.003 min
Response: 142256873
Conc: 39.08 ng/ml



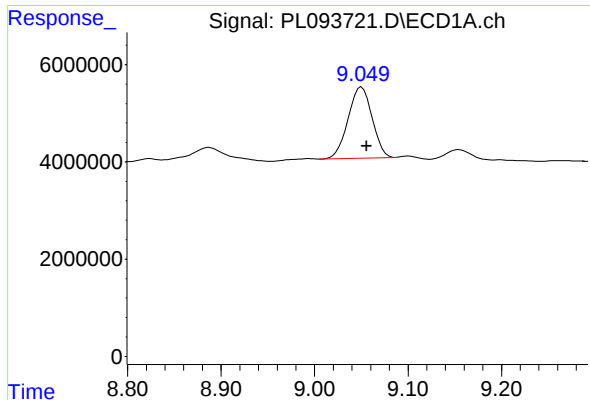
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 72557175
Conc: 38.83 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: -0.004 min
Response: 113746241
Conc: 37.21 ng/ml



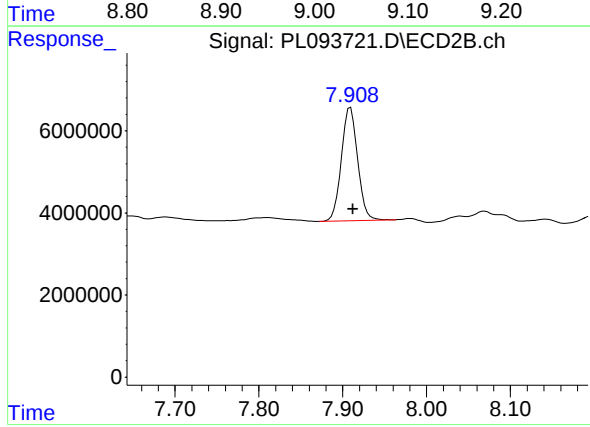
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.005 min
Response: 26043979
Conc: 14.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.003 min
Response: 37145914
Conc: 12.44 ng/ml