

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021025\
 Data File : PL094116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 15:10
 Operator : AR\AJ
 Sample : PB166639BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166639BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/11/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 21:09:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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	2.773	50876229	59738120	18.894	18.301
28) SA Decachlor...	9.054	7.908	40463330	67682542	19.343	19.315
Target Compounds						
2) A alpha-BHC	3.995	3.276	174.0E6	230.8E6	45.393	47.201
3) MA gamma-BHC...	4.327	3.606	165.0E6	219.4E6	44.795	46.275
4) MA Heptachlor	4.915	3.944	159.6E6	226.9E6	48.695	48.746
5) MB Aldrin	5.256	4.223	149.0E6	208.8E6	45.540	45.771
6) B beta-BHC	4.525	3.906	74989932	95852734	46.655	47.988
7) B delta-BHC	4.773	4.135	158.1E6	216.1E6	45.105	45.481
8) B Heptachlo...	5.683	4.726	131.5E6	199.4E6	44.214	47.689
9) A Endosulfan I	6.069	5.096	121.5E6	189.9E6	45.988	48.992
10) B gamma-Chl...	5.939	4.976	129.4E6	212.5E6	46.438	50.150
11) B alpha-Chl...	6.018	5.040	129.7E6	203.9E6	46.515	48.698
12) B 4,4'-DDE	6.192	5.228	121.0E6	202.7E6	49.707	50.551
13) MA Dieldrin	6.344	5.359	126.4E6	207.3E6	45.519	48.251
14) MA Endrin	6.573	5.634	109.5E6	184.9E6	46.696	50.068m
15) B Endosulfa...	6.793	5.930	110.9E6	183.4E6	46.029	49.518
16) A 4,4'-DDD	6.708	5.784	93511436	162.4E6	49.202m	51.447
17) MA 4,4'-DDT	7.023	6.034	100.9E6	174.0E6	51.156	53.487
18) B Endrin al...	6.924	6.109	85577963	141.1E6	44.020	46.349
19) B Endosulfa...	7.156	6.332	102.1E6	175.8E6	45.117m	49.302
20) A Methoxychlor	7.499	6.607	53614913	92173128	51.385	51.547m
21) B Endrin ke...	7.643	6.838	113.1E6	201.1E6	44.823	47.943
22) Mirex	8.115	7.017	86044640	150.7E6	41.318	44.574

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021025\
Data File : PL094116.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 15:10
Operator : AR\AJ
Sample : PB166639BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

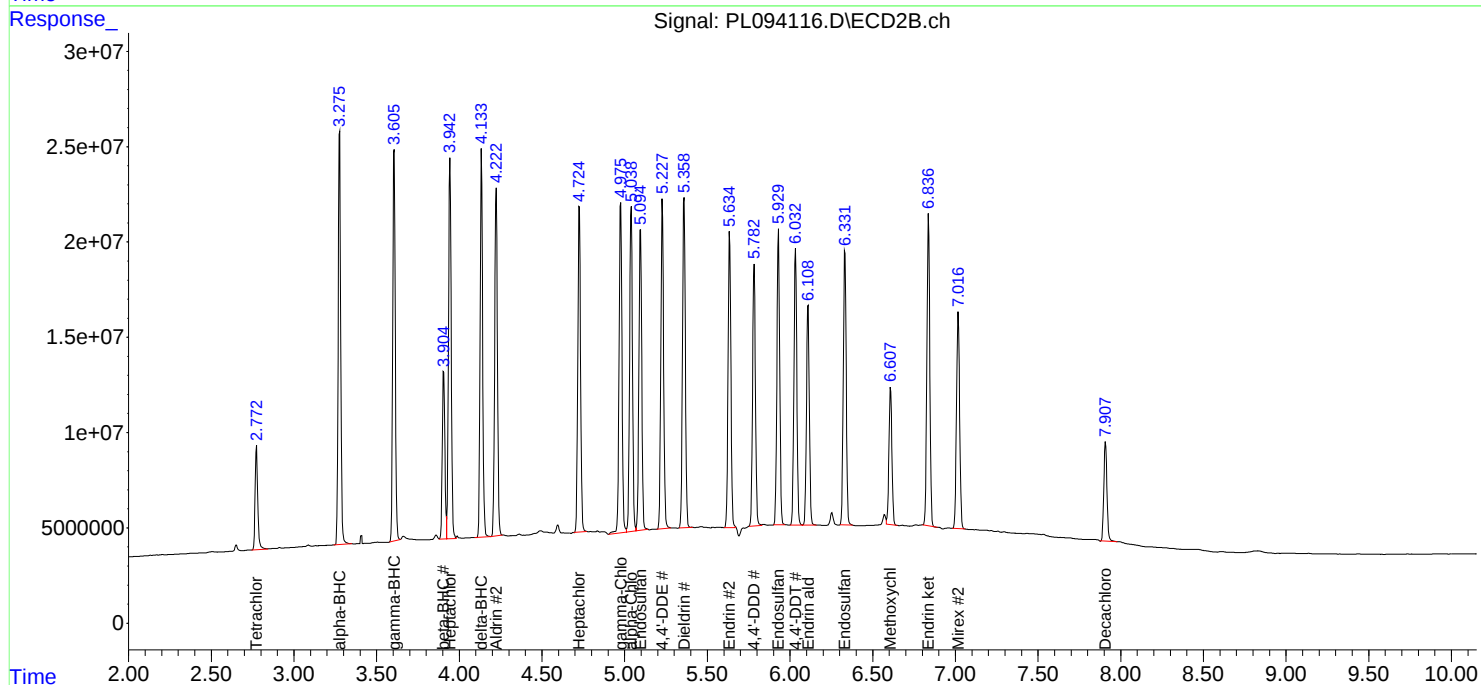
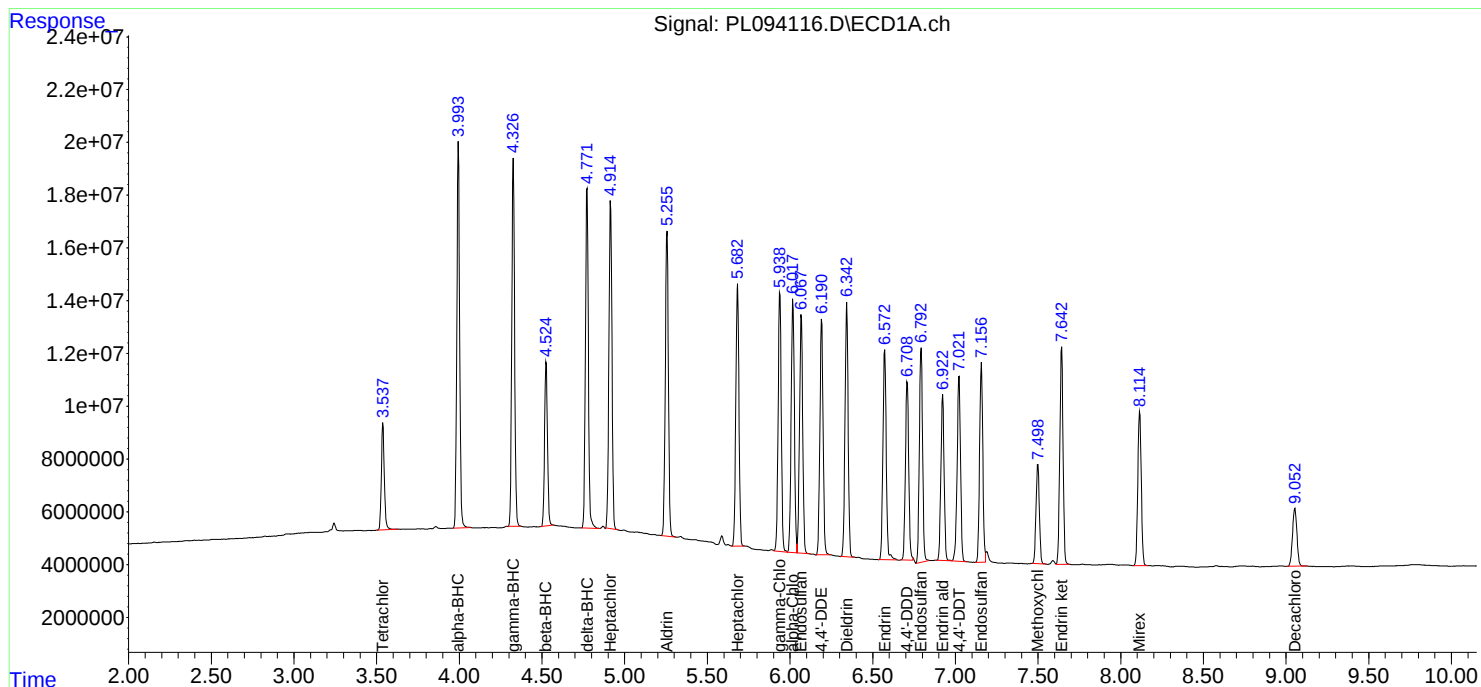
Instrument :
ECD_L
ClientSampleId :
PB166639BS

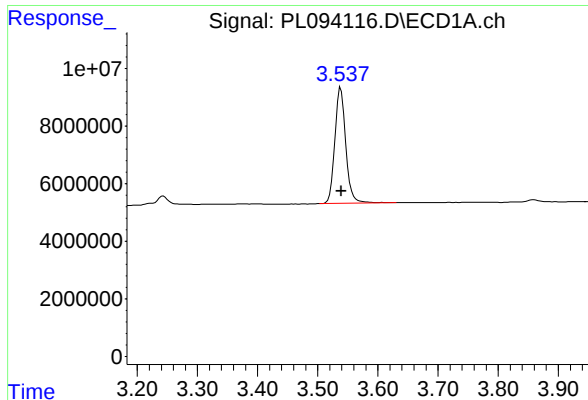
Manual Integrations
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Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 21:09:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





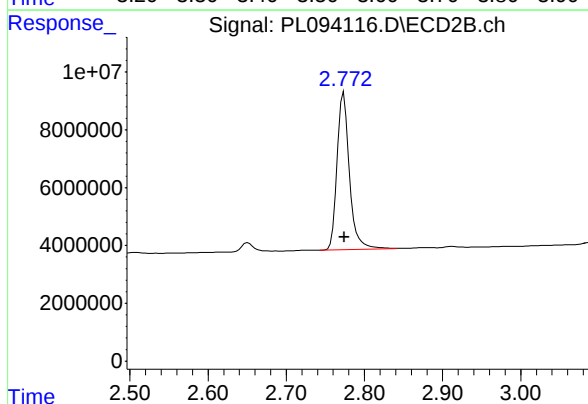
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 50876229
Conc: 18.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166639BS

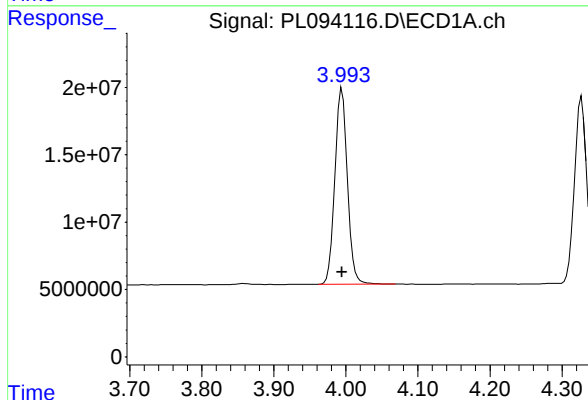
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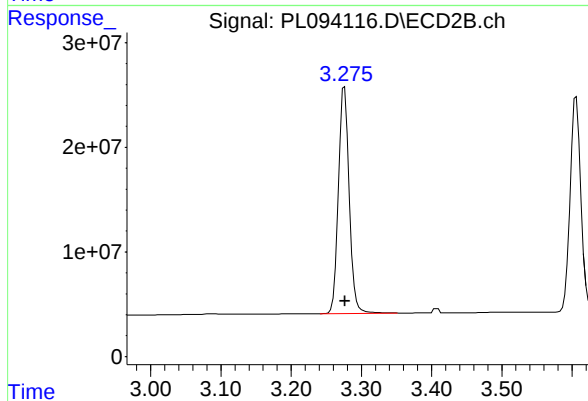
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 59738120
Conc: 18.30 ng/ml



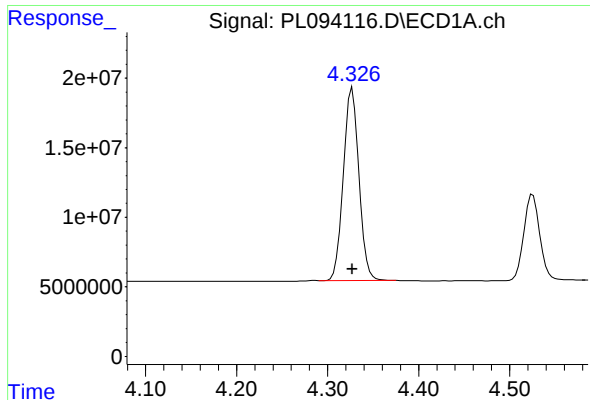
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 174028183
Conc: 45.39 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 230765936
Conc: 47.20 ng/ml



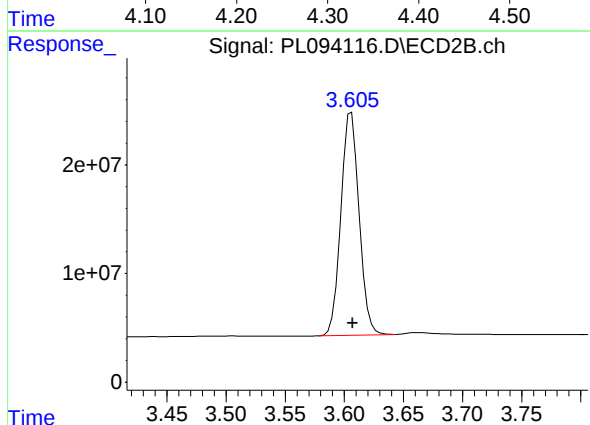
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 164971396
Conc: 44.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166639BS

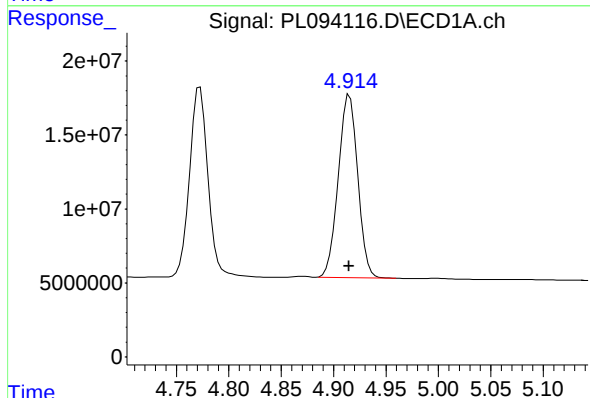
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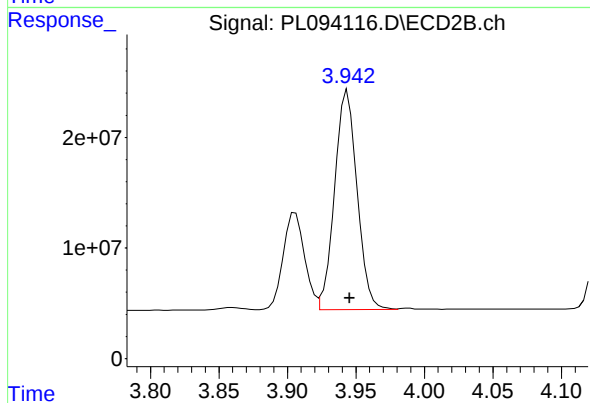
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 219399333
Conc: 46.27 ng/ml



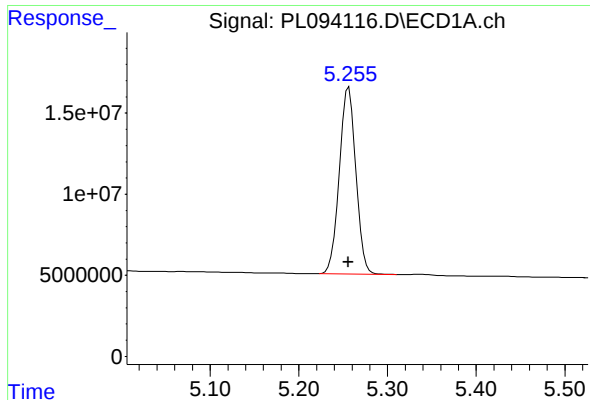
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 159589127
Conc: 48.69 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 226901761
Conc: 48.75 ng/ml



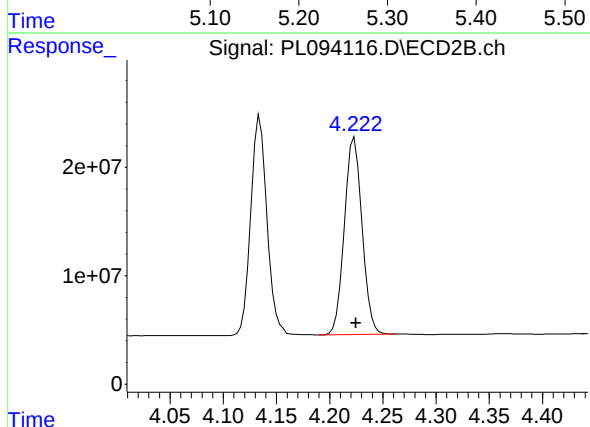
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 149005372
Conc: 45.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166639BS

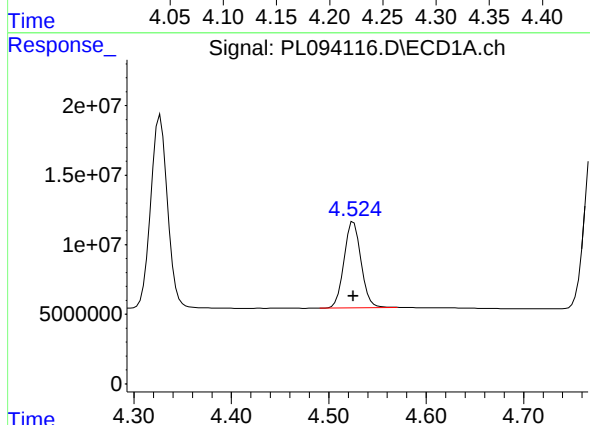
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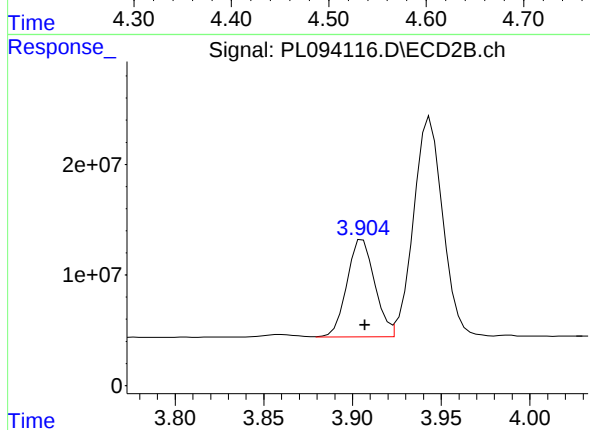
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.001 min
Response: 208798442
Conc: 45.77 ng/ml



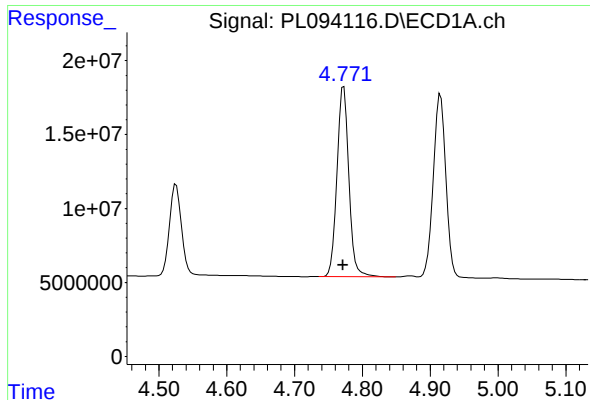
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 74989932
Conc: 46.66 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 95852734
Conc: 47.99 ng/ml



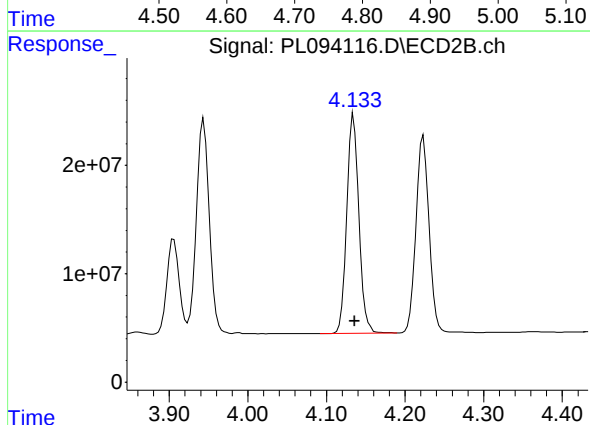
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 158105749
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166639BS

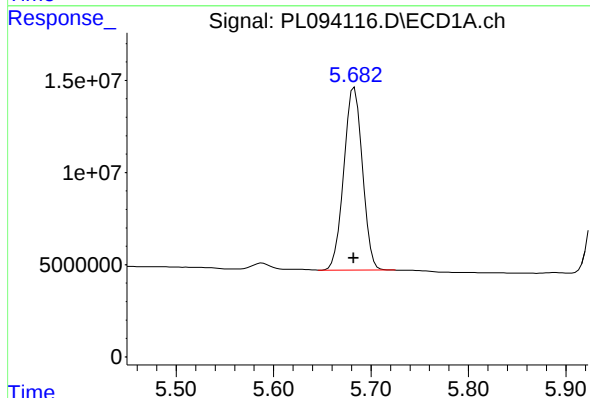
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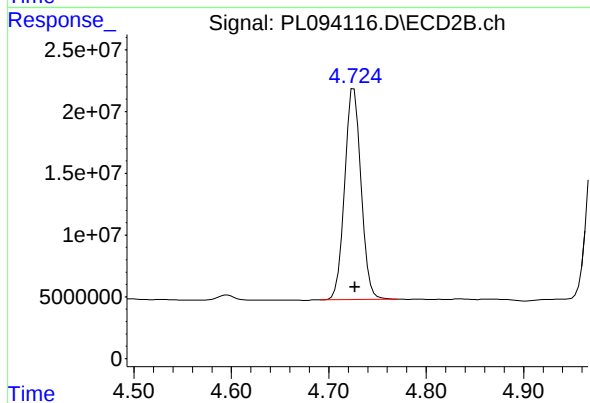
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: -0.001 min
Response: 216093214
Conc: 45.48 ng/ml



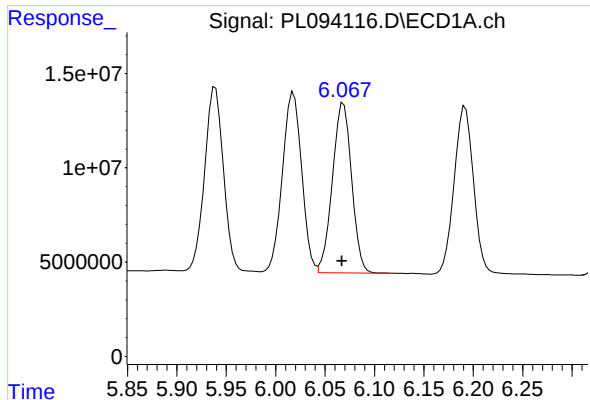
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 131485216
Conc: 44.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: -0.001 min
Response: 199353639
Conc: 47.69 ng/ml



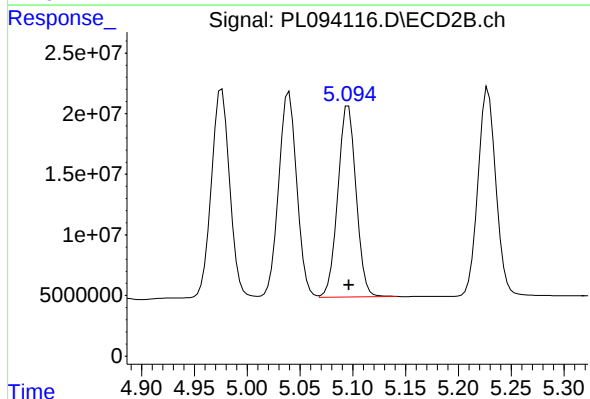
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 121538703
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166639BS

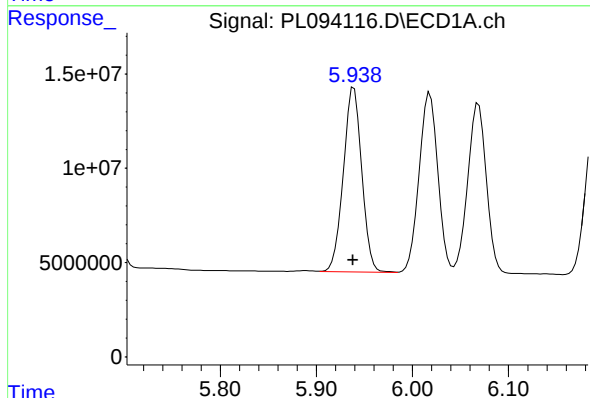
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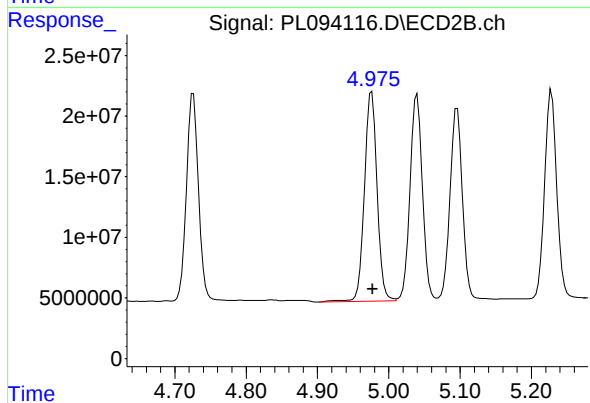
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 189938174
Conc: 48.99 ng/ml



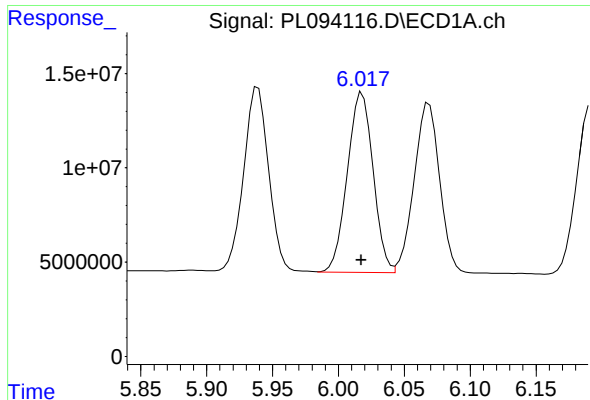
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 129439496
Conc: 46.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 212518818
Conc: 50.15 ng/ml



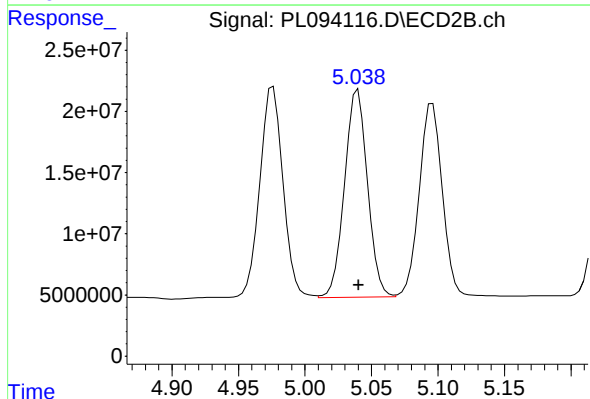
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 129702845
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166639BS

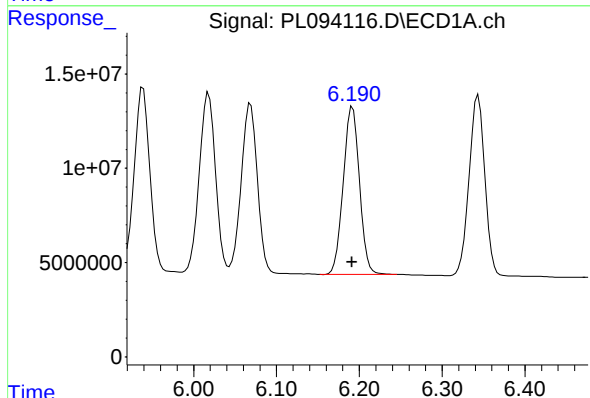
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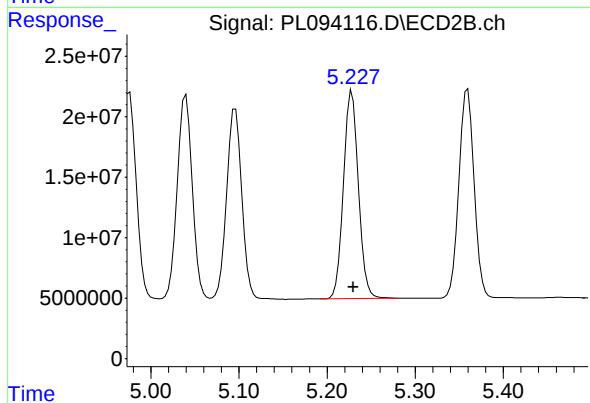
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 203878409
Conc: 48.70 ng/ml



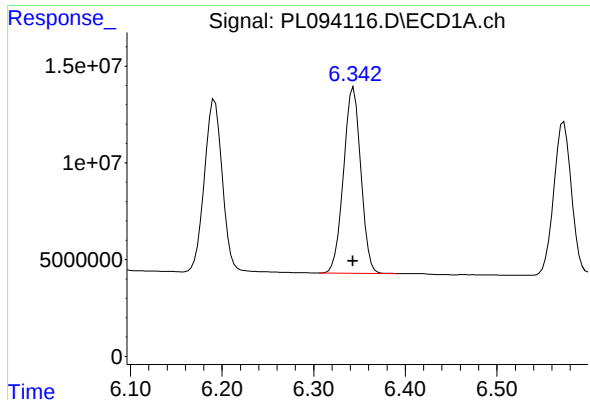
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 121015913
Conc: 49.71 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 202680870
Conc: 50.55 ng/ml



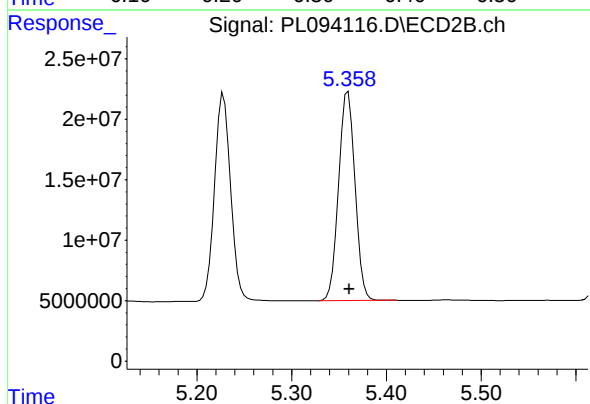
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 126353899
Conc: 45.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166639BS

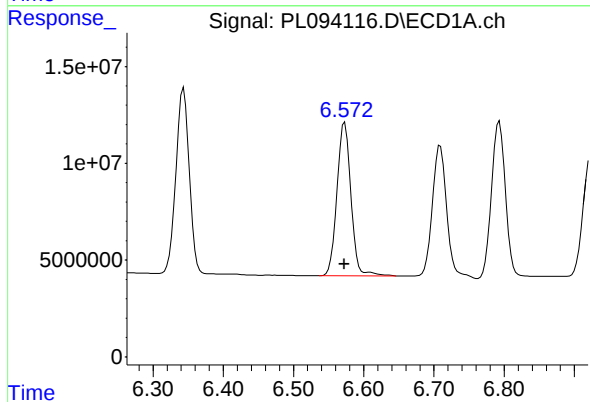
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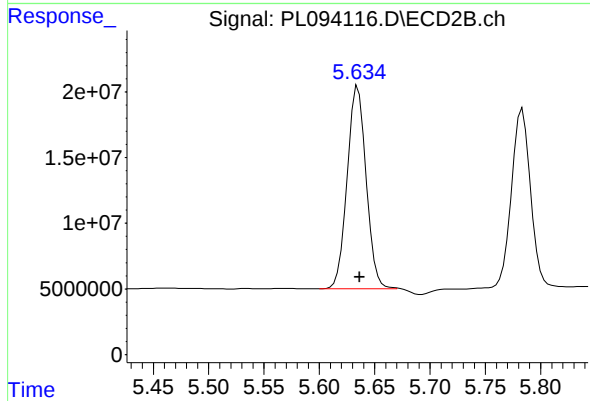
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: -0.001 min
Response: 207271223
Conc: 48.25 ng/ml



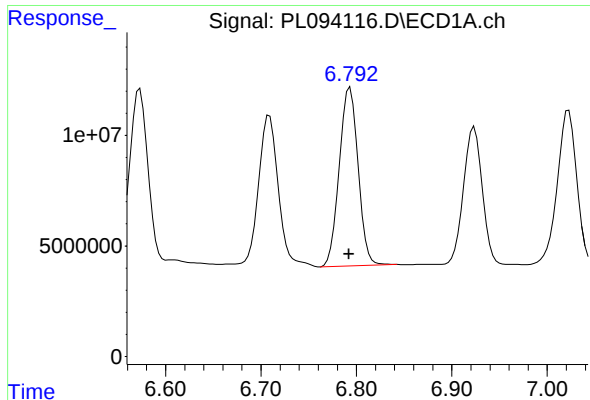
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 109494760
Conc: 46.70 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 184886111
Conc: 50.07 ng/ml m



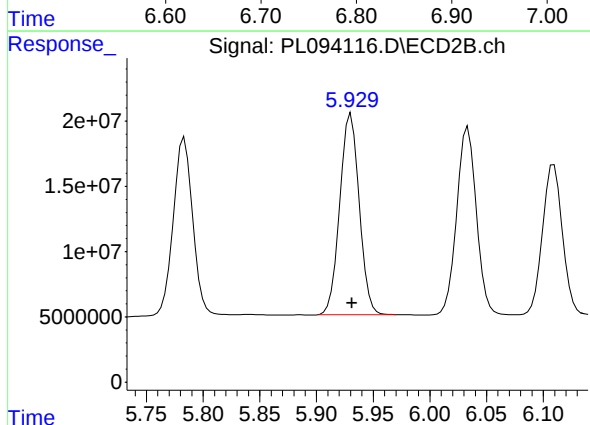
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.001 min
Response: 110899296
Conc: 46.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166639BS

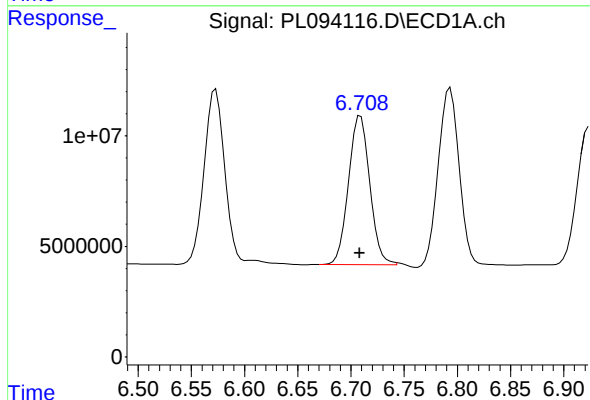
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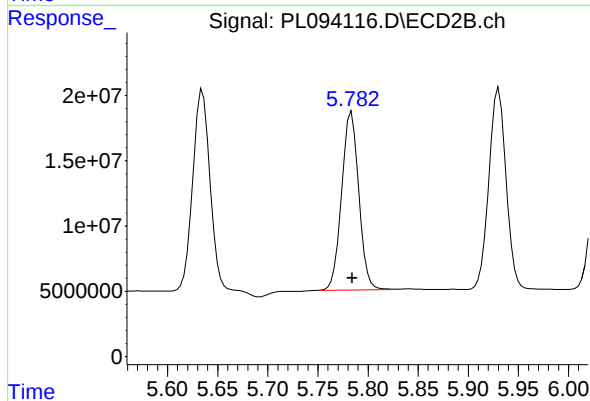
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 183405998
Conc: 49.52 ng/ml



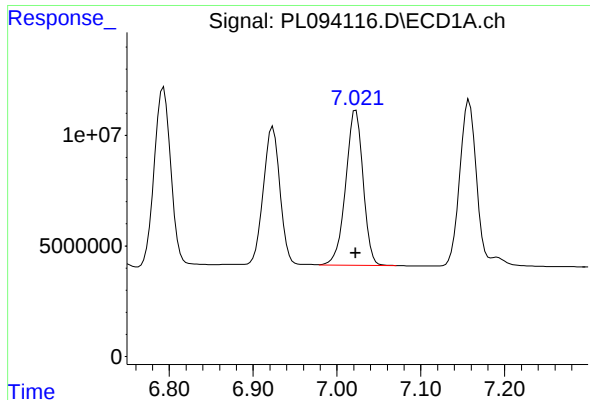
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 93511436
Conc: 49.20 ng/ml m



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 162395023
Conc: 51.45 ng/ml



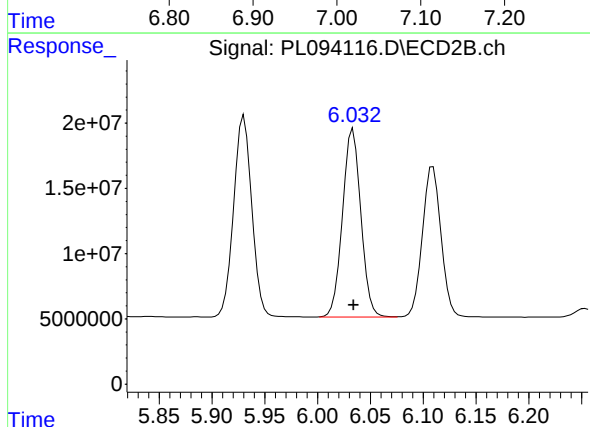
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 100882547
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166639BS

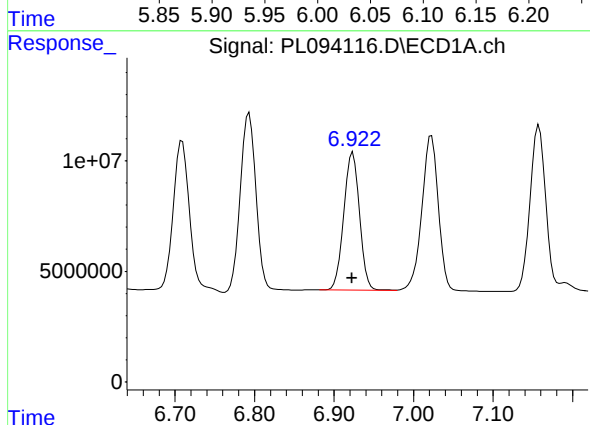
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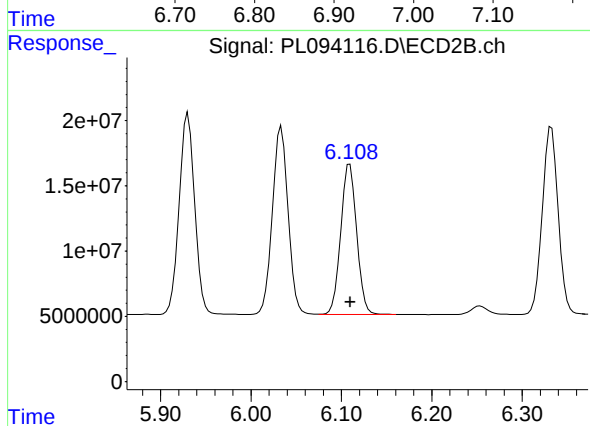
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 174048487
Conc: 53.49 ng/ml



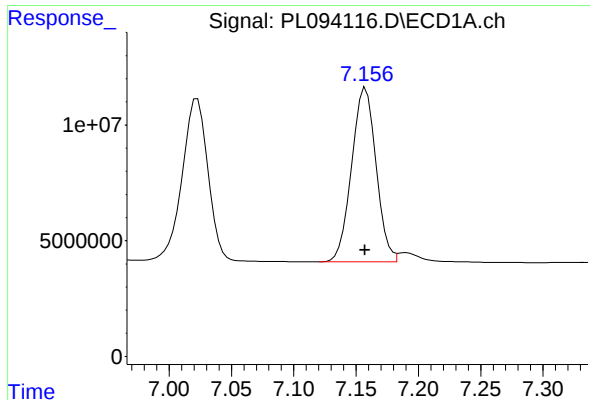
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 85577963
Conc: 44.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 141115900
Conc: 46.35 ng/ml



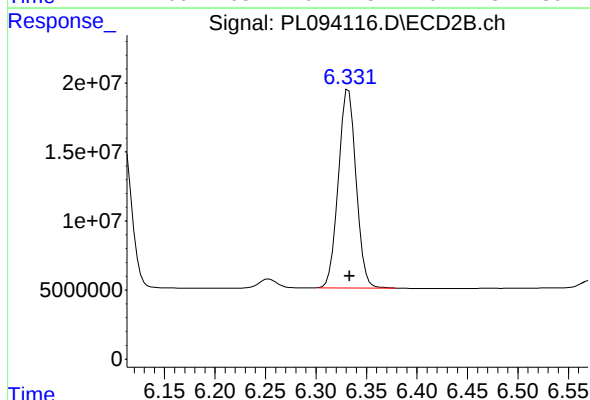
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 102132077
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166639BS

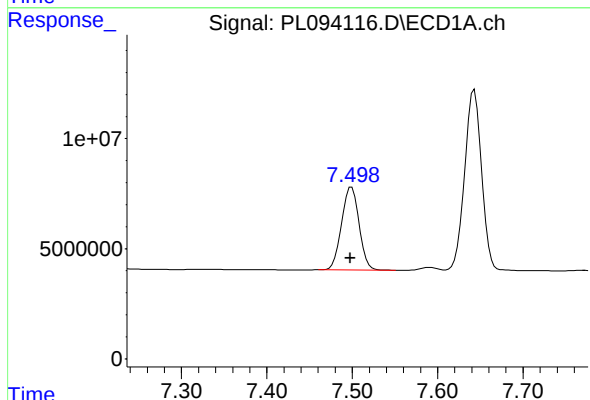
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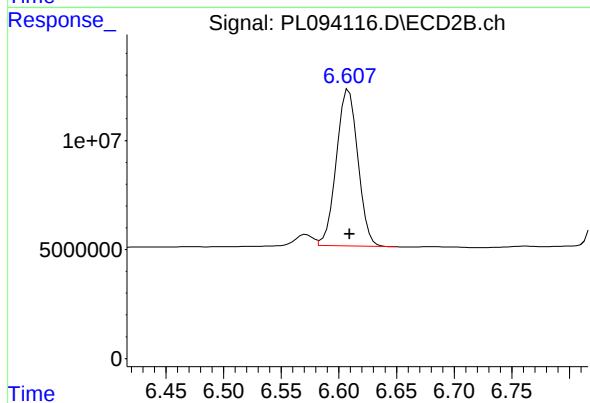
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 175813628
Conc: 49.30 ng/ml



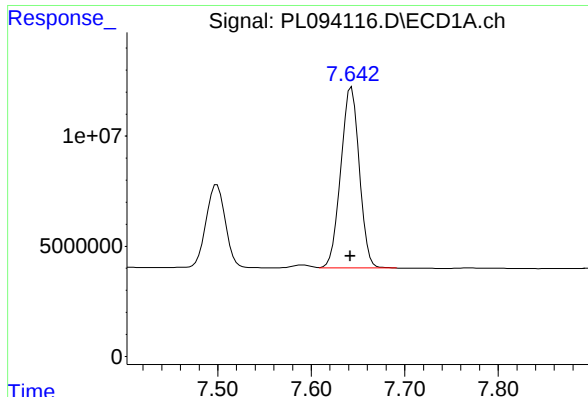
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 53614913
Conc: 51.38 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 92173128
Conc: 51.55 ng/ml m



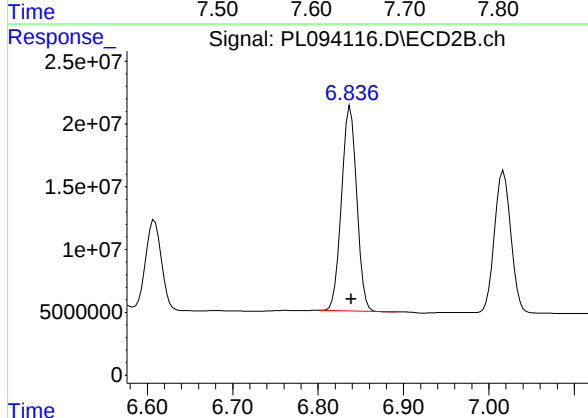
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.001 min
Response: 113072225
Conc: 44.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166639BS

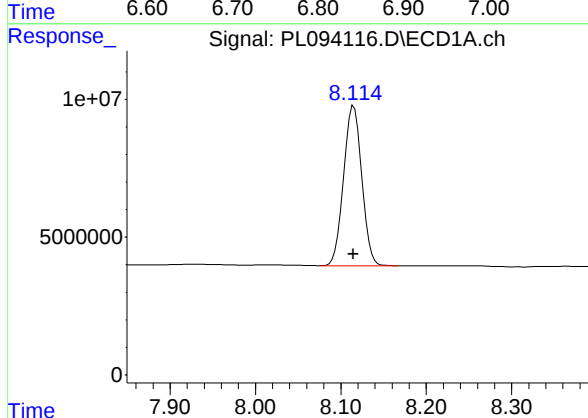
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



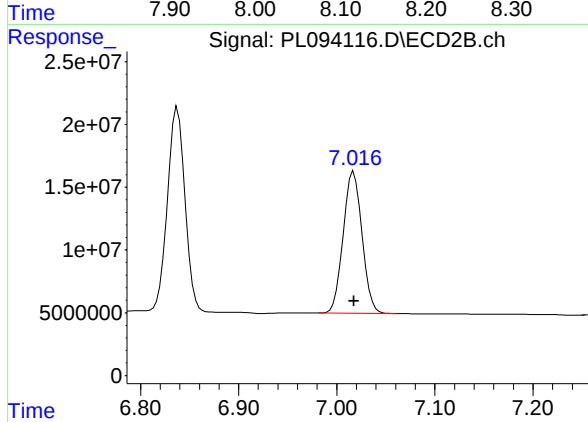
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 201133021
Conc: 47.94 ng/ml



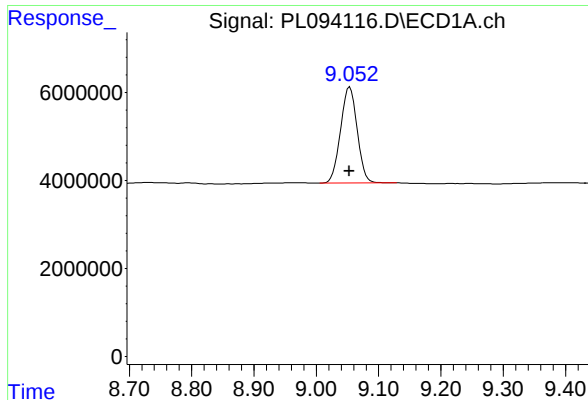
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 86044640
Conc: 41.32 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 150744734
Conc: 44.57 ng/ml



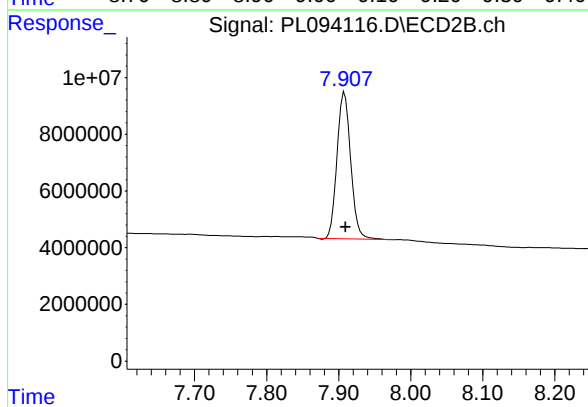
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 40463330
Conc: 19.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166639BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.002 min
Response: 67682542
Conc: 19.32 ng/ml