

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020325\
 Data File : PL094024.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2025 23:34
 Operator : AR\AJ
 Sample : PB166481BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166481BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/04/2025
 Supervised By :Ankita Jodhani 02/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 04 05:09:29 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	2.774	57232831	65725907	21.254	20.136
28)	SA Decachlor...	9.056	7.911	46983193	84585408	22.459	24.139
Target Compounds							
2)	A alpha-BHC	3.994	3.277	202.0E6	260.1E6	52.697	53.203
3)	MA gamma-BHC...	4.327	3.606	189.7E6	245.5E6	51.497	51.775
4)	MA Heptachlor	4.915	3.945	182.6E6	253.0E6	55.704	54.345
5)	MB Aldrin	5.257	4.224	173.8E6	238.9E6	53.110	52.375
6)	B beta-BHC	4.525	3.907	86772785	108.4E6	53.986	54.288
7)	B delta-BHC	4.772	4.135	189.2E6	250.2E6	53.989	52.652
8)	B Heptachlo...	5.683	4.727	155.8E6	227.5E6	52.381	54.416
9)	A Endosulfan I	6.069	5.096	142.8E6	217.5E6	54.048	56.109
10)	B gamma-Chl...	5.940	4.975	150.1E6	239.9E6	53.861	56.610m
11)	B alpha-Chl...	6.019	5.040	152.5E6	236.2E6	54.703	56.412
12)	B 4,4'-DDE	6.192	5.229	142.2E6	235.6E6	58.397	58.751
13)	MA Dieldrin	6.344	5.361	150.6E6	241.3E6	54.270	56.170
14)	MA Endrin	6.572	5.634	126.1E6	214.5E6	53.776m	58.077m
15)	B Endosulfa...	6.795	5.931	131.2E6	214.4E6	54.465	57.885
16)	A 4,4'-DDD	6.708	5.784	112.8E6	195.4E6	59.353m	61.915
17)	MA 4,4'-DDT	7.024	6.034	117.4E6	199.0E6	59.542	61.155
18)	B Endrin al...	6.924	6.110	102.2E6	168.3E6	52.574	55.270
19)	B Endosulfa...	7.159	6.333	121.6E6	207.8E6	53.710	58.285
20)	A Methoxychlor	7.500	6.609	61306719	108.1E6	58.757	60.477
21)	B Endrin ke...	7.644	6.839	134.7E6	244.4E6	53.406	58.256
22)	Mirex	8.117	7.018	99560013	178.6E6	47.808	52.812

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020325\
Data File : PL094024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Feb 2025 23:34
Operator : AR\AJ
Sample : PB166481BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB166481BS

Manual Integrations

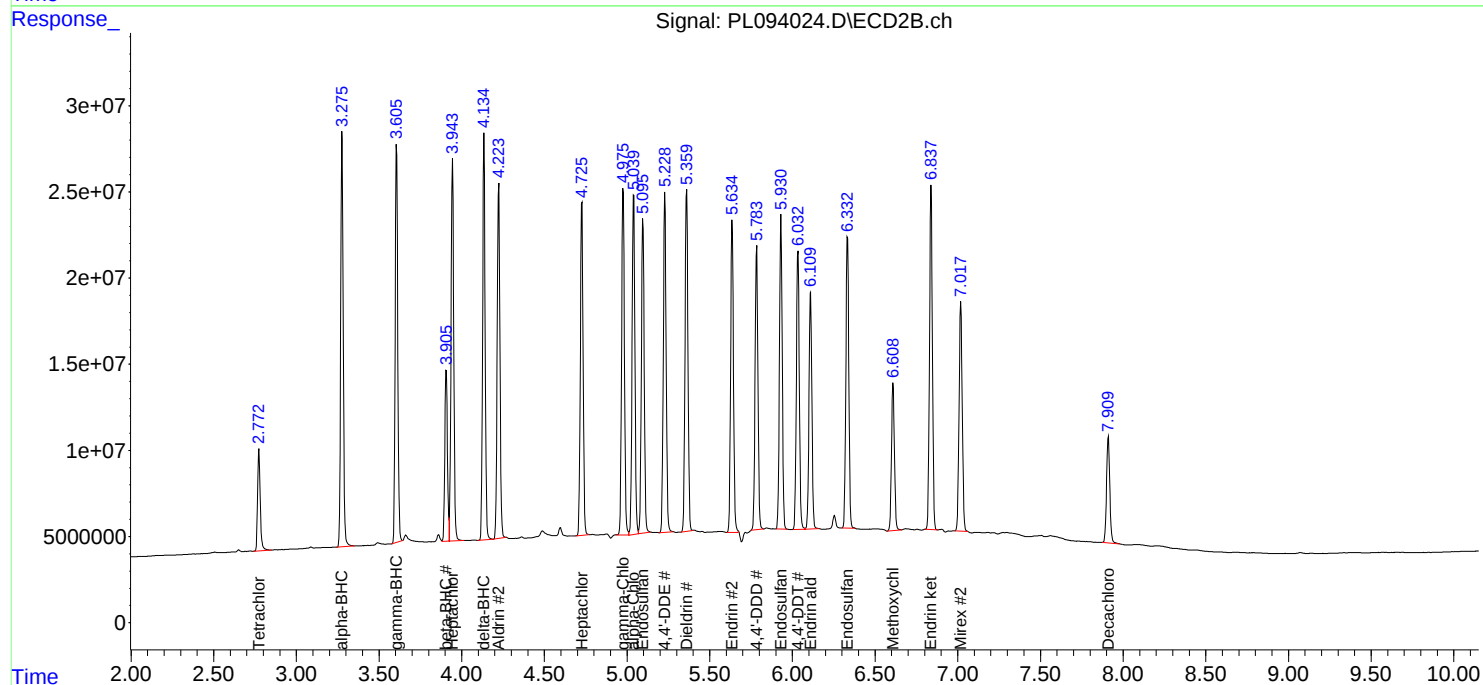
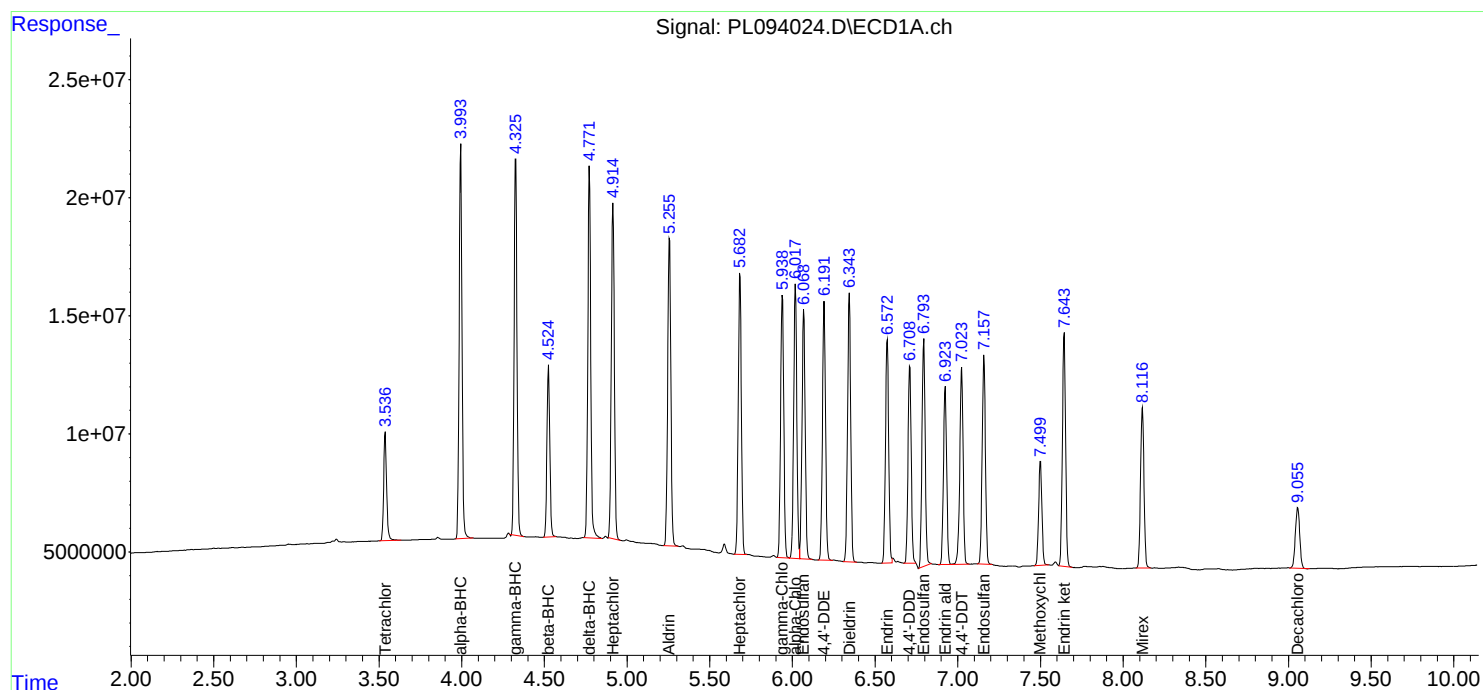
APPROVED

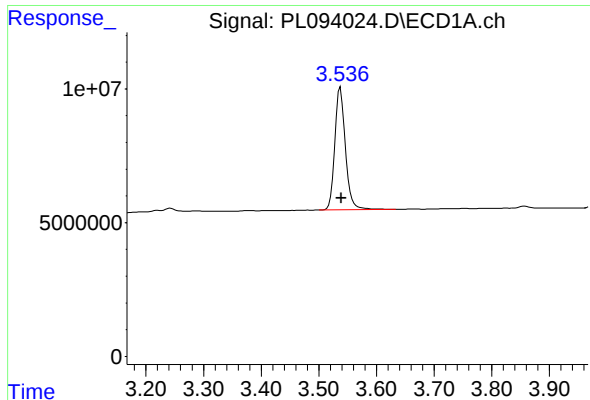
Reviewed By :Abdul Mirza 02/04/2025

Supervised By :Ankita Jodhani 02/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 05:09:29 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





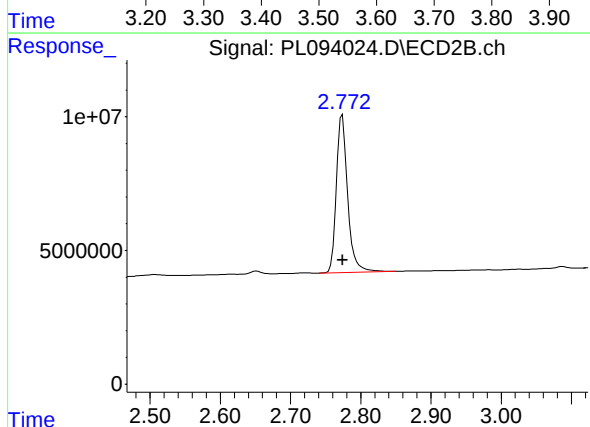
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 57232831
Conc: 21.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

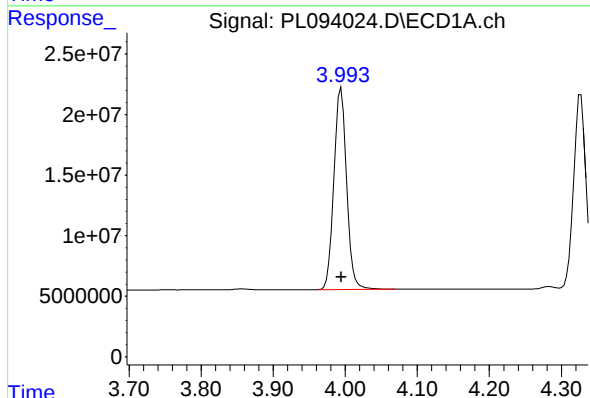
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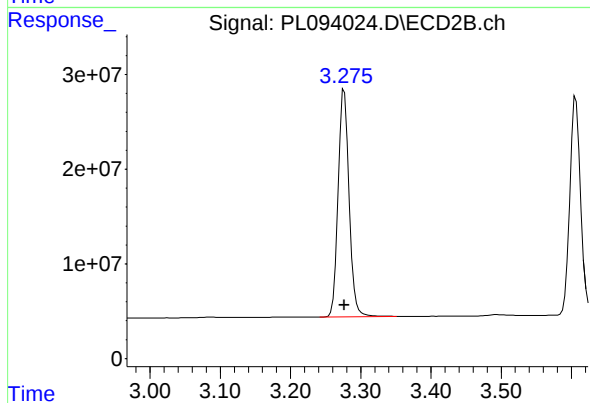
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 65725907
Conc: 20.14 ng/ml



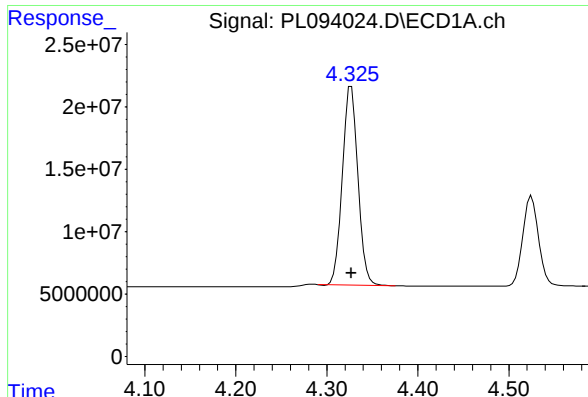
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 202030423
Conc: 52.70 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 260106315
Conc: 53.20 ng/ml



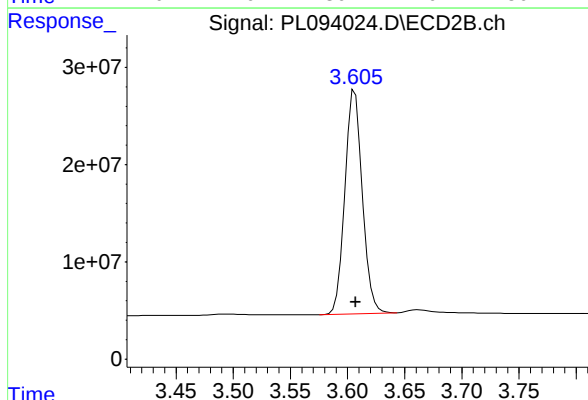
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 189656596
Conc: 51.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

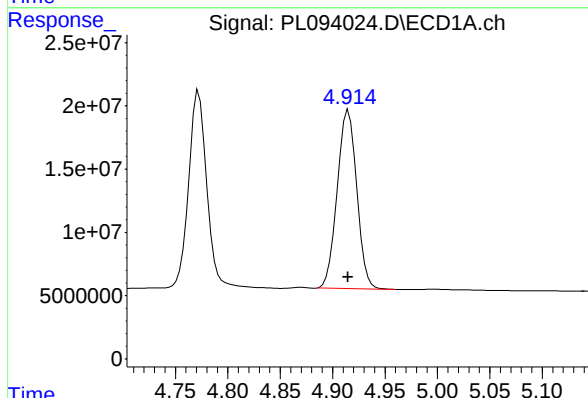
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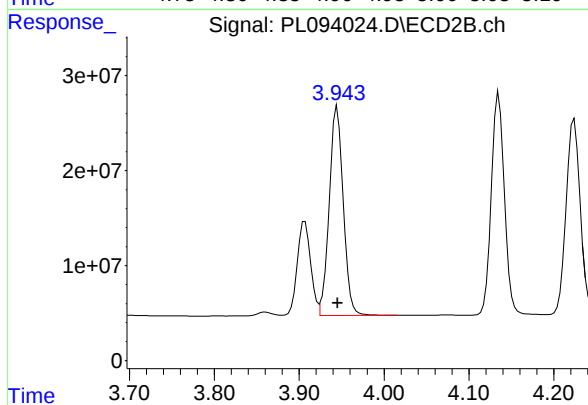
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 245477440
Conc: 51.78 ng/ml



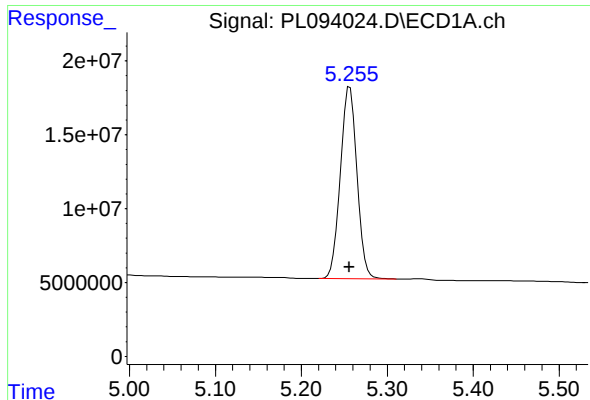
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 182560066
Conc: 55.70 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 252964052
Conc: 54.34 ng/ml



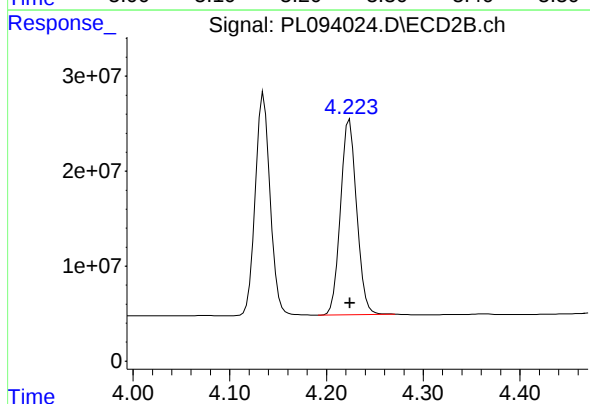
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 173773783
Conc: 53.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

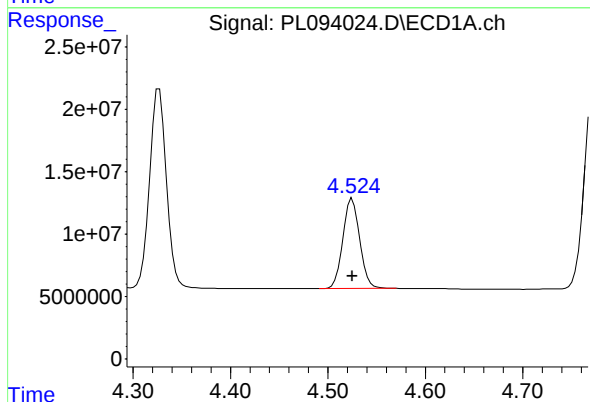
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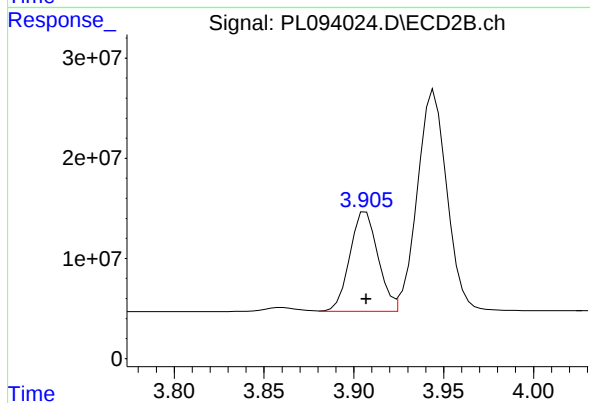
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 238921937
Conc: 52.37 ng/ml



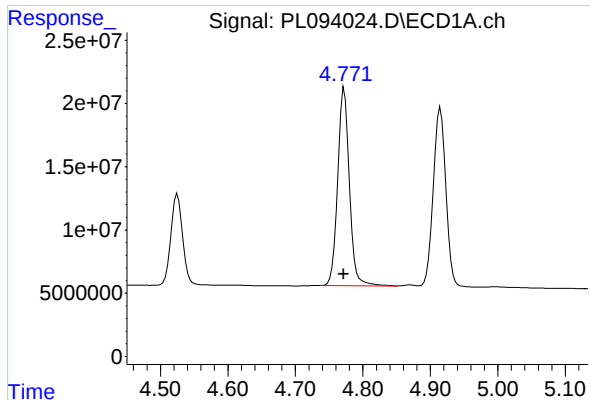
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 86772785
Conc: 53.99 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 108437654
Conc: 54.29 ng/ml



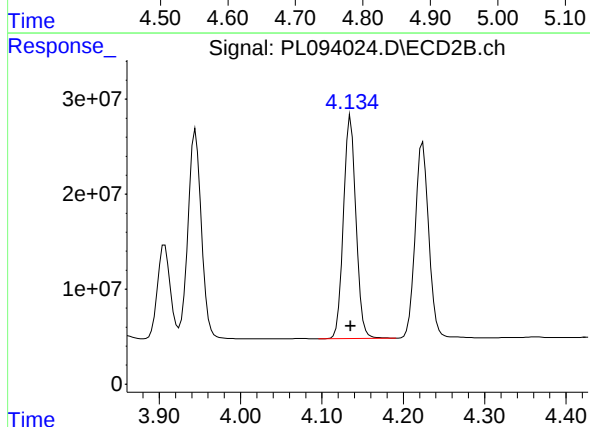
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 189248438
Conc: 53.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

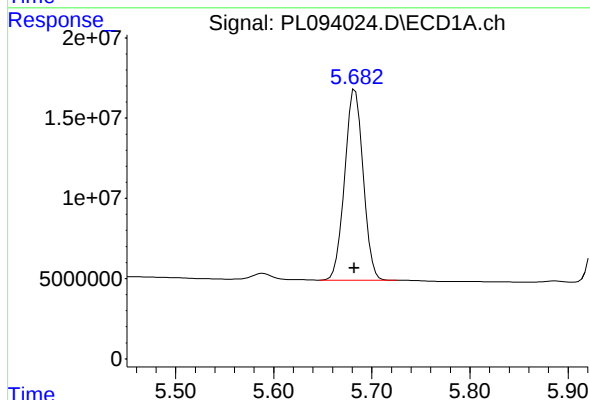
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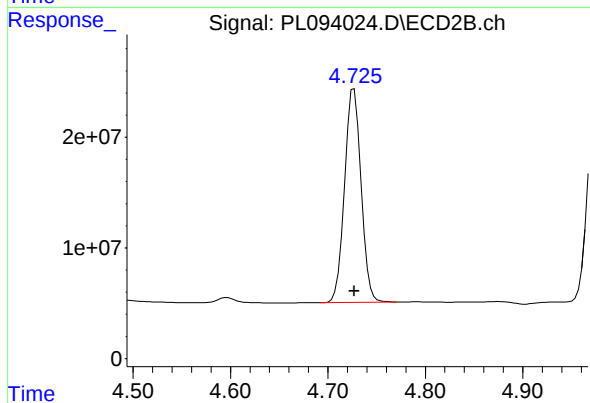
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 250163019
Conc: 52.65 ng/ml



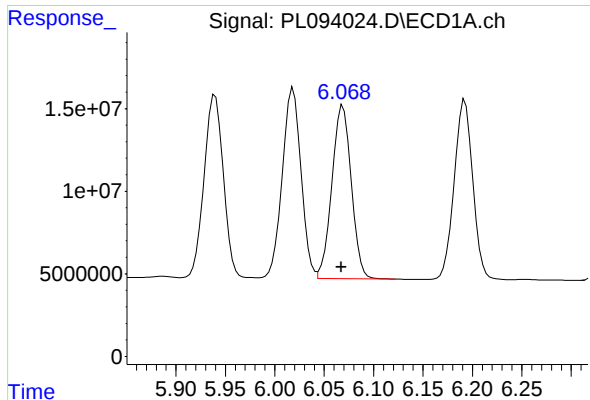
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 155773252
Conc: 52.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 227474106
Conc: 54.42 ng/ml



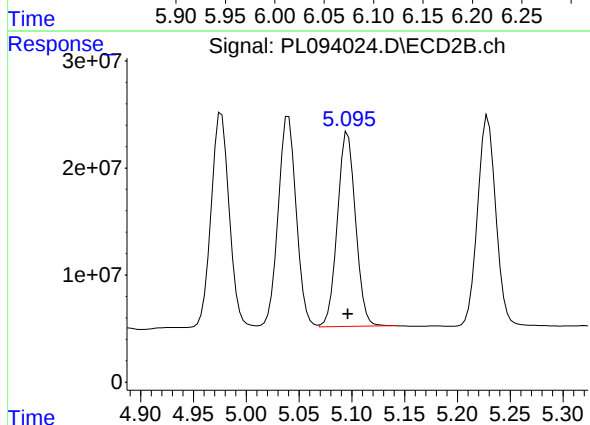
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 142841413
Conc: 54.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

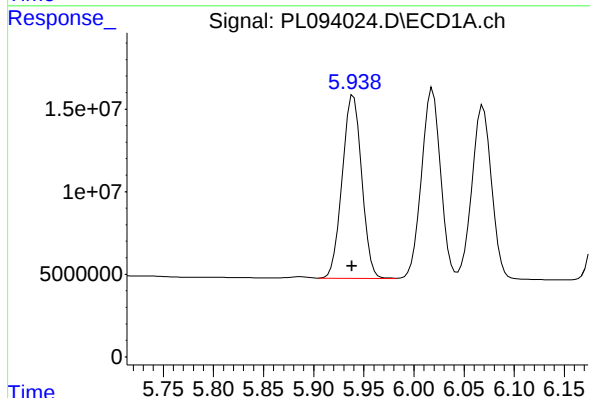
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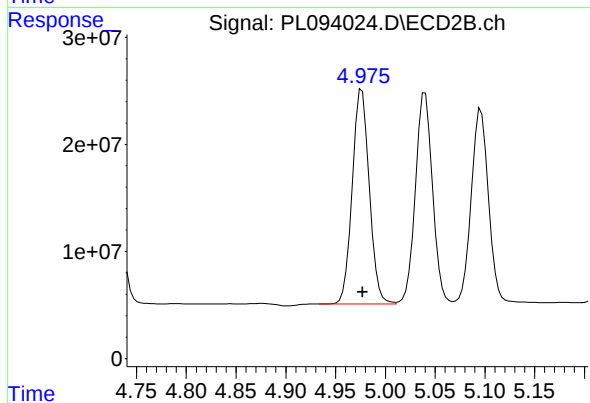
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 217530167
Conc: 56.11 ng/ml



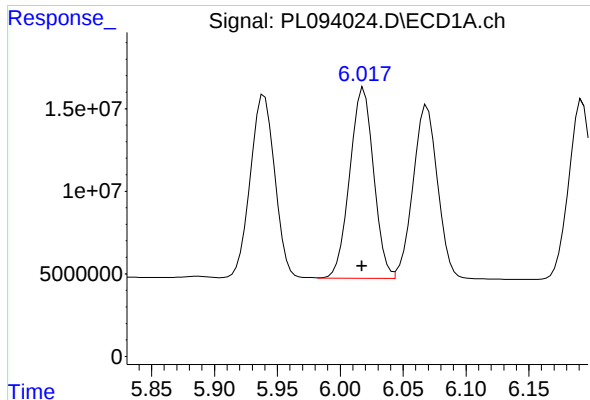
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.001 min
Response: 150129934
Conc: 53.86 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 239891959
Conc: 56.61 ng/ml m



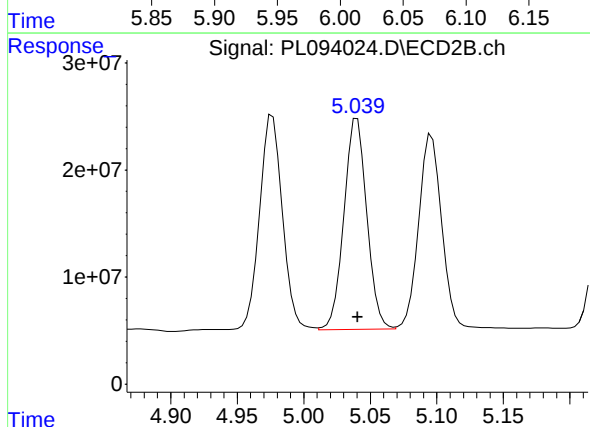
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.001 min
Response: 152533280
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

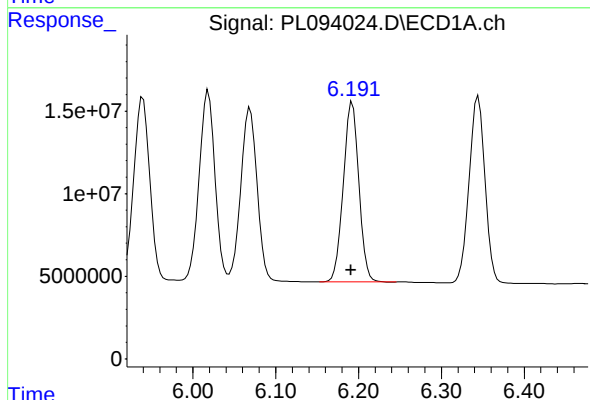
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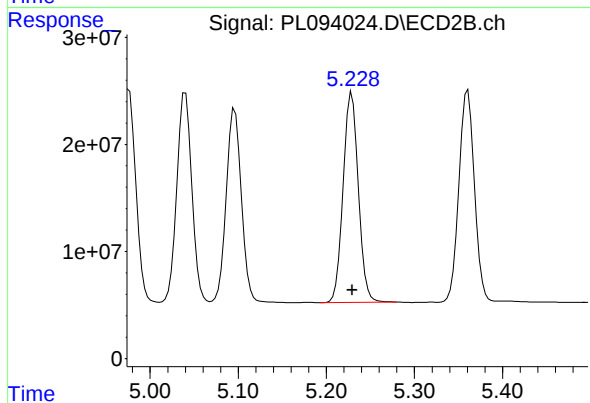
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 236170714
Conc: 56.41 ng/ml



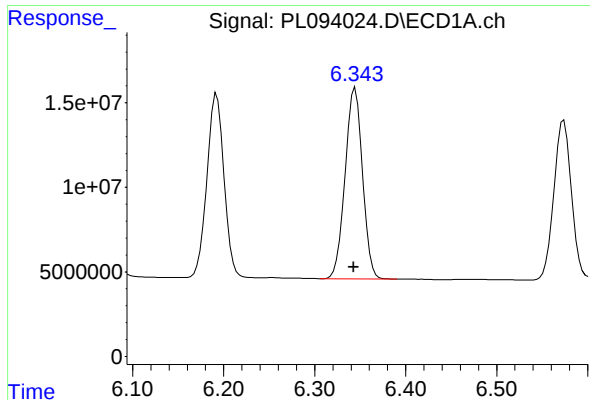
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.001 min
Response: 142173398
Conc: 58.40 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 235559720
Conc: 58.75 ng/ml



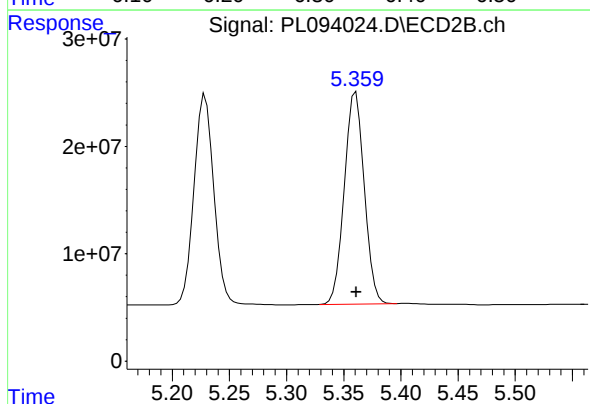
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 150644784
Conc: 54.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

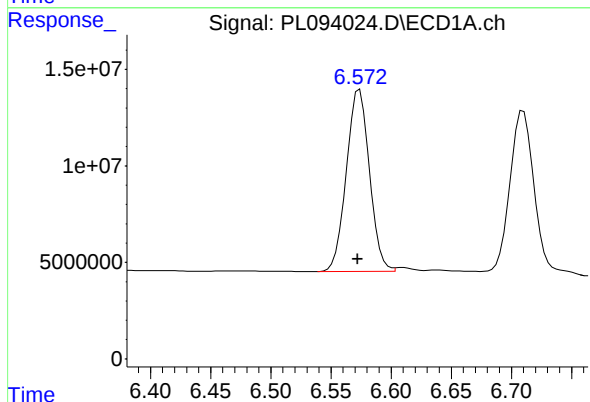
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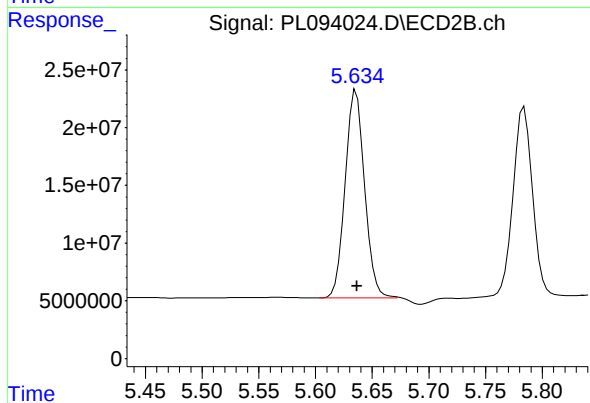
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 241286773
Conc: 56.17 ng/ml



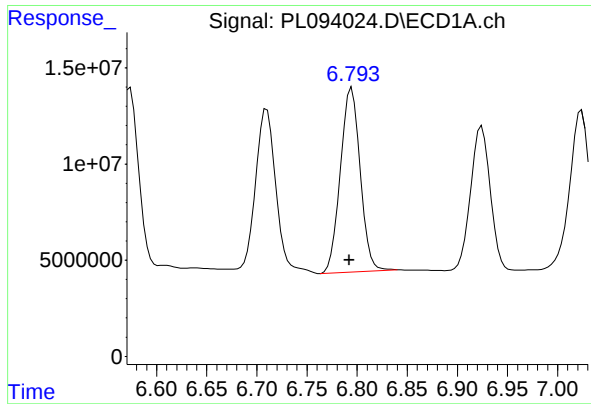
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 126095761
Conc: 53.78 ng/ml m



#14 Endrin

R.T.: 5.634 min
Delta R.T.: -0.002 min
Response: 214459642
Conc: 58.08 ng/ml m



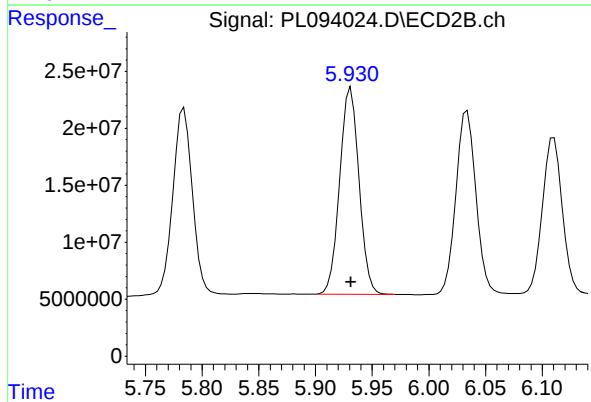
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.003 min
Response: 131225500
Conc: 54.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

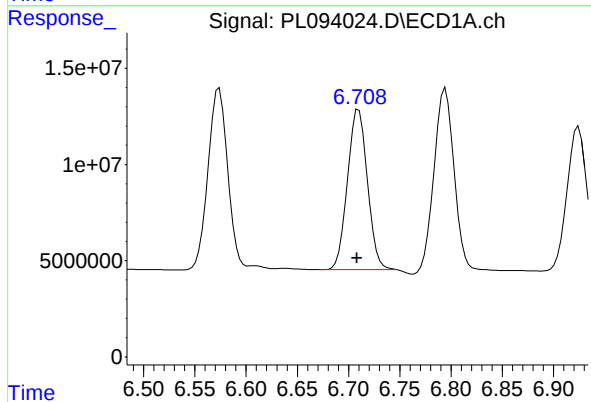
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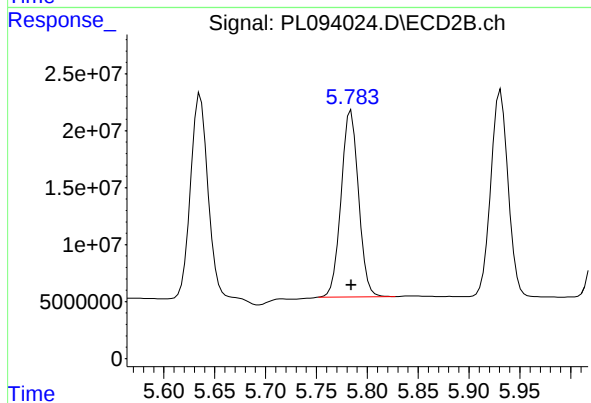
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 214397086
Conc: 57.89 ng/ml



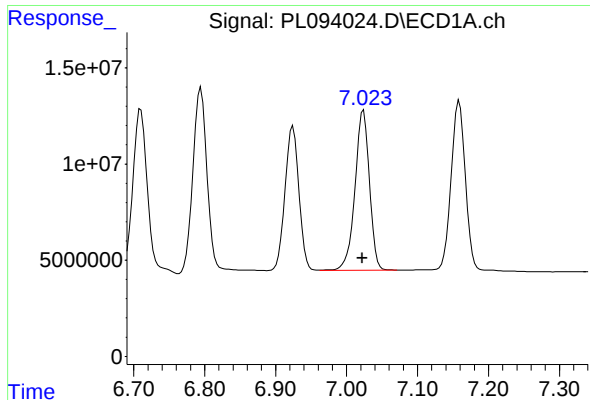
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 112804487
Conc: 59.35 ng/ml m



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 195437556
Conc: 61.92 ng/ml



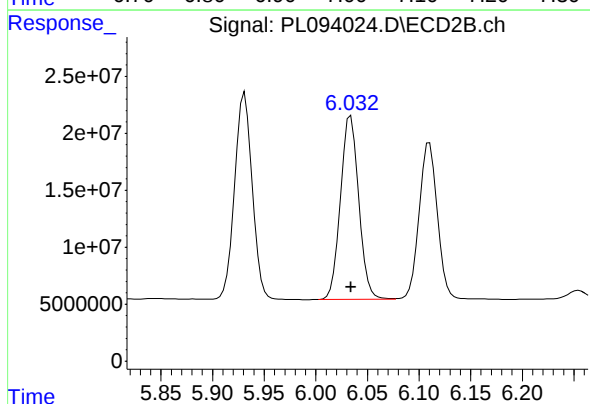
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 117420225
Conc: 59.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

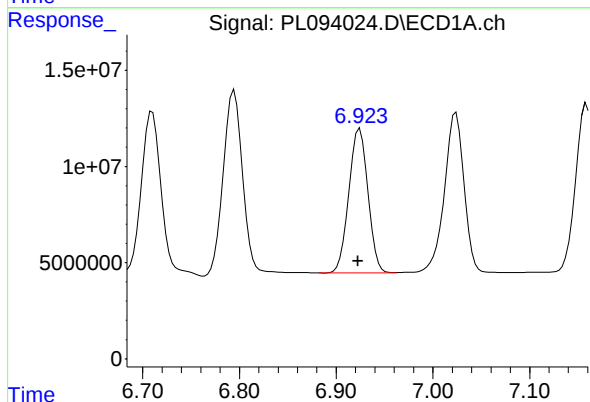
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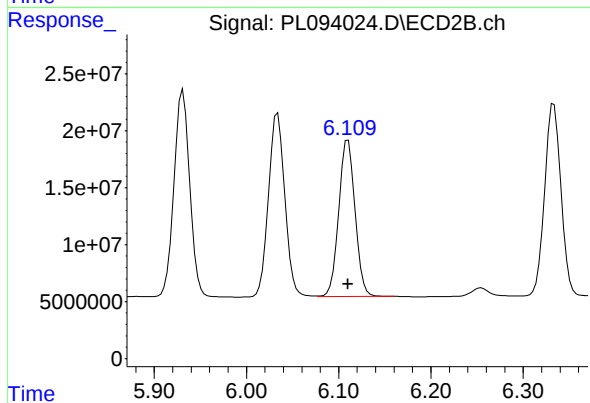
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 199002615
Conc: 61.16 ng/ml



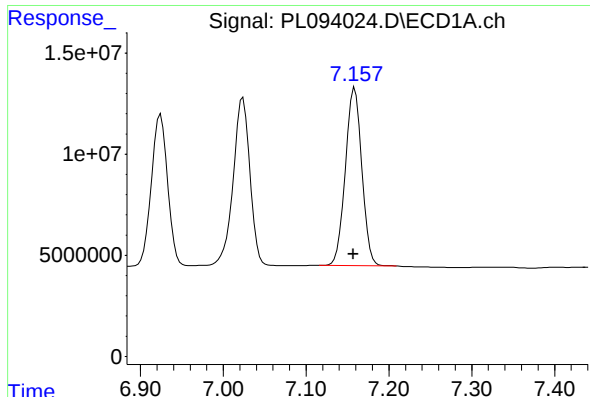
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.002 min
Response: 102206947
Conc: 52.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 168277573
Conc: 55.27 ng/ml



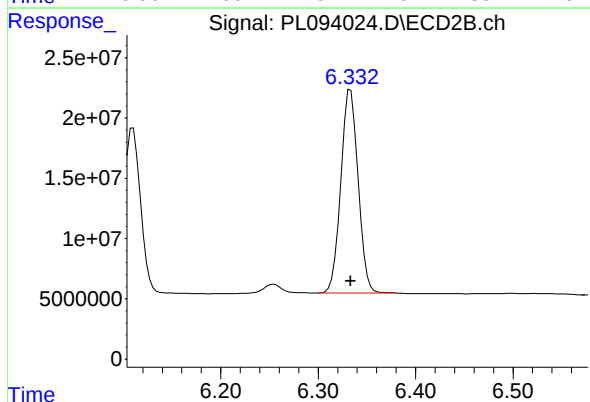
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 121586123
Conc: 53.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

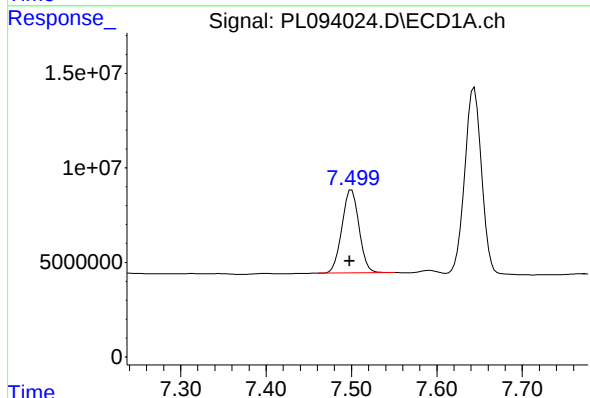
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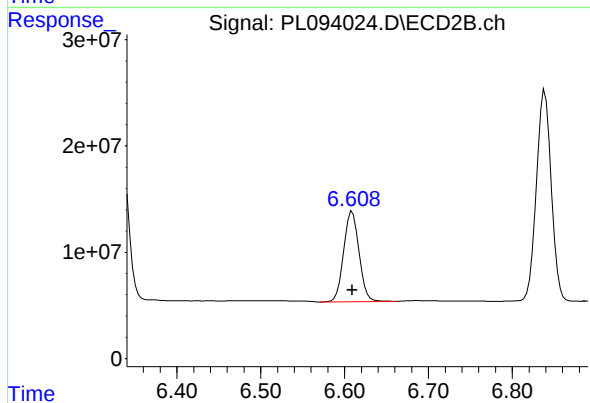
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 207848691
Conc: 58.28 ng/ml



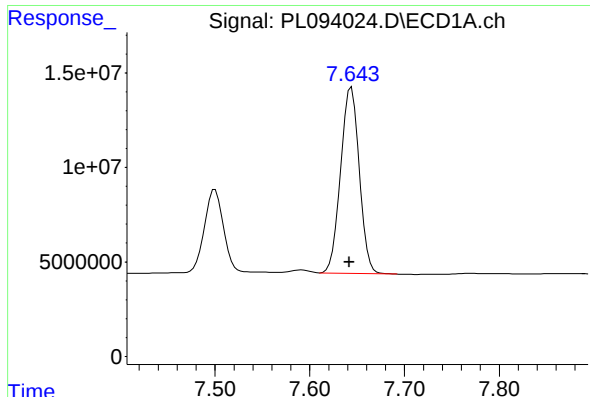
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 61306719
Conc: 58.76 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 108140880
Conc: 60.48 ng/ml



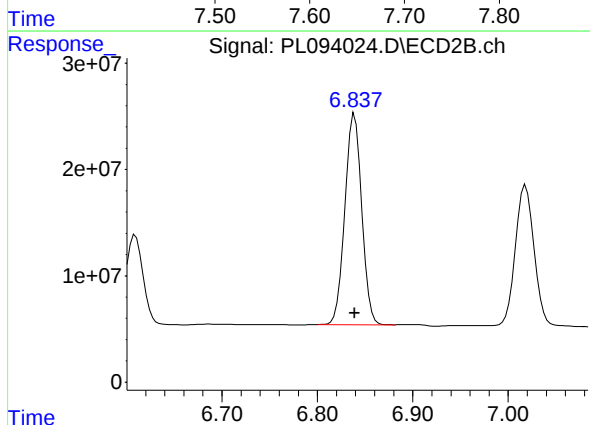
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 134724395
Conc: 53.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

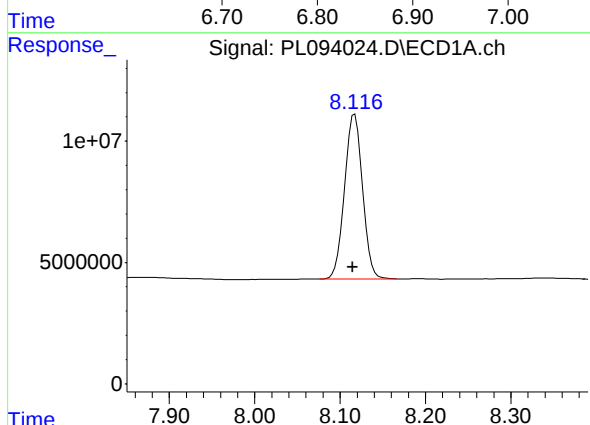
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025



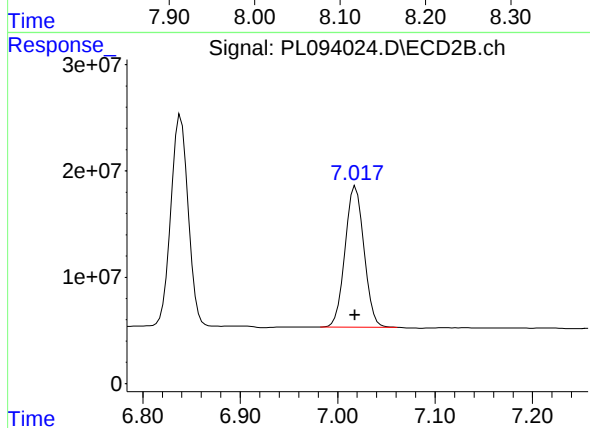
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 244399719
Conc: 58.26 ng/ml



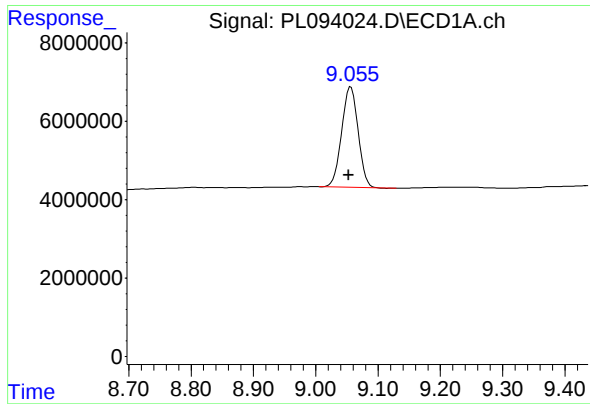
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 99560013
Conc: 47.81 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 178603672
Conc: 52.81 ng/ml



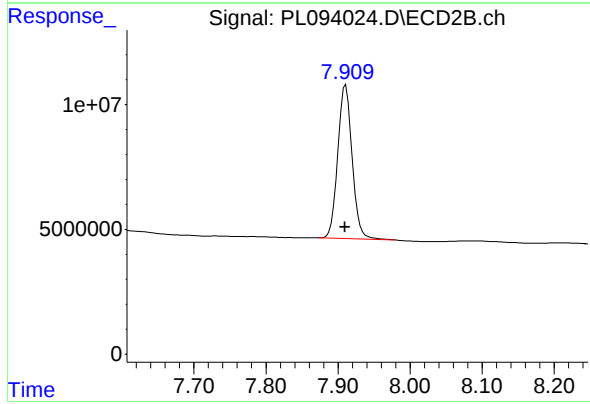
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.003 min
Response: 46983193
Conc: 22.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

Manual Integrations
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Supervised By :Ankita Jodhani 02/04/2025



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.000 min
Response: 84585408
Conc: 24.14 ng/ml