

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010625\
 Data File : PL093586.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 12:50
 Operator : AR\AJ
 Sample : PB165960BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB165960BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/07/2025
 Supervised By : Ankita Jodhani 01/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 00:24:33 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...	3.539	2.774	49093520	53795304	19.830	18.479
28)	SA Decachlor...	9.059	7.914	42312288	67460900	22.884	22.593
Target Compounds							
2)	A alpha-BHC	3.995	3.277	167.2E6	208.3E6	48.423	47.913
3)	MA gamma-BHC...	4.328	3.607	158.5E6	199.5E6	48.345	47.289
4)	MA Heptachlor	4.917	3.945	149.3E6	208.5E6	50.984	50.179
5)	MB Aldrin	5.259	4.225	141.4E6	194.4E6	48.598	47.399
6)	B beta-BHC	4.526	3.907	71383823	87325884	49.517	48.582
7)	B delta-BHC	4.773	4.136	150.2E6	199.2E6	49.049	47.098
8)	B Heptachlo...	5.685	4.728	131.5E6	188.0E6	49.910	49.090
9)	A Endosulfan I	6.072	5.098	121.0E6	177.9E6	51.296	50.911
10)	B gamma-Chl...	5.942	4.978	128.2E6	195.2E6	50.996	50.671
11)	B alpha-Chl...	6.021	5.042	128.5E6	192.4E6	51.327	50.528
12)	B 4,4'-DDE	6.195	5.231	114.2E6	184.7E6	50.912	50.215
13)	MA Dieldrin	6.346	5.362	127.9E6	197.5E6	51.252	51.242
14)	MA Endrin	6.575	5.638	110.8E6	177.6E6	51.459m	53.675
15)	B Endosulfa...	6.797	5.934	113.1E6	175.2E6	49.772	53.937
16)	A 4,4'-DDD	6.711	5.786	89868106	146.7E6	51.179m	51.835
17)	MA 4,4'-DDT	7.026	6.037	100.4E6	161.9E6	54.318	53.613
18)	B Endrin al...	6.927	6.113	89222341	136.1E6	50.279	50.542
19)	B Endosulfa...	7.161	6.336	105.3E6	167.8E6	52.179	53.195
20)	A Methoxychlor	7.503	6.612	51745511	82938269	51.762	51.526
21)	B Endrin ke...	7.647	6.841	116.3E6	192.8E6	51.815	52.954
22)	Mirex	8.119	7.021	90974314	146.1E6	48.683	47.787

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010625\
Data File : PL093586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 12:50
Operator : AR\AJ
Sample : PB165960BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

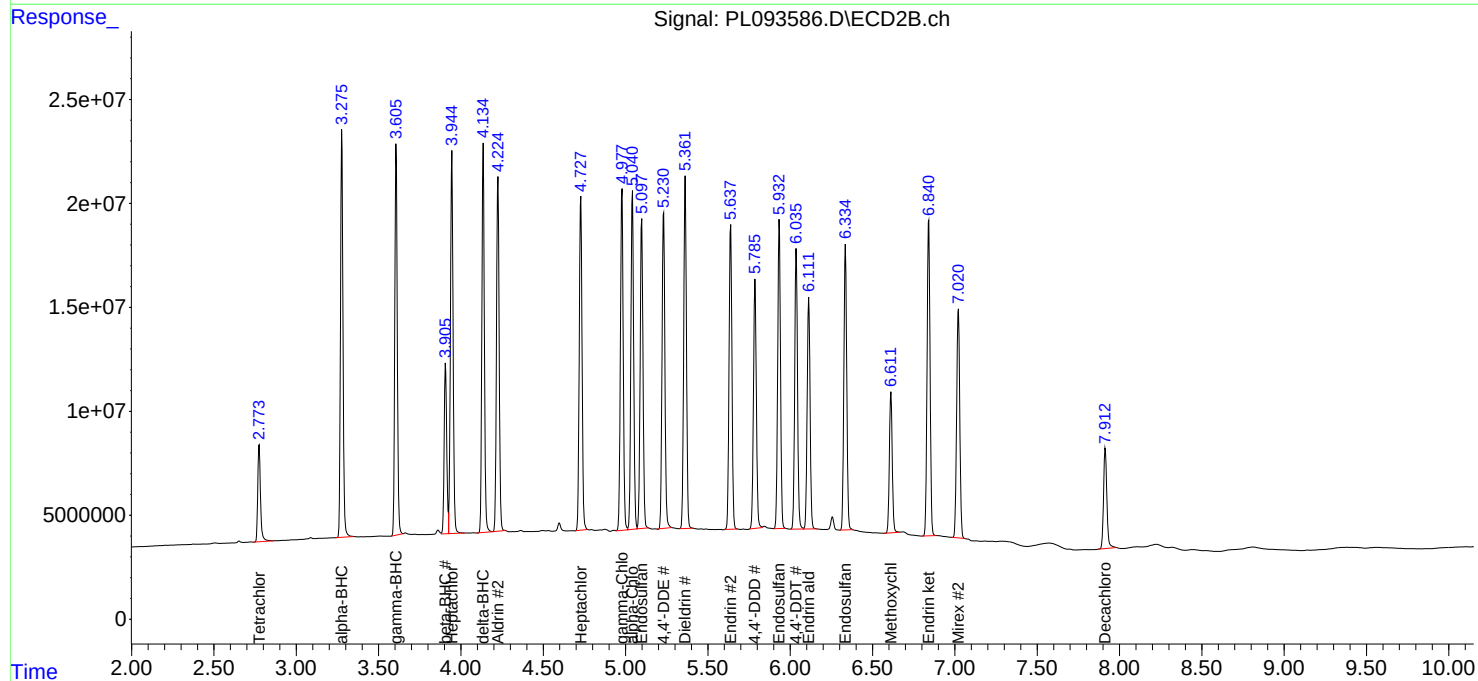
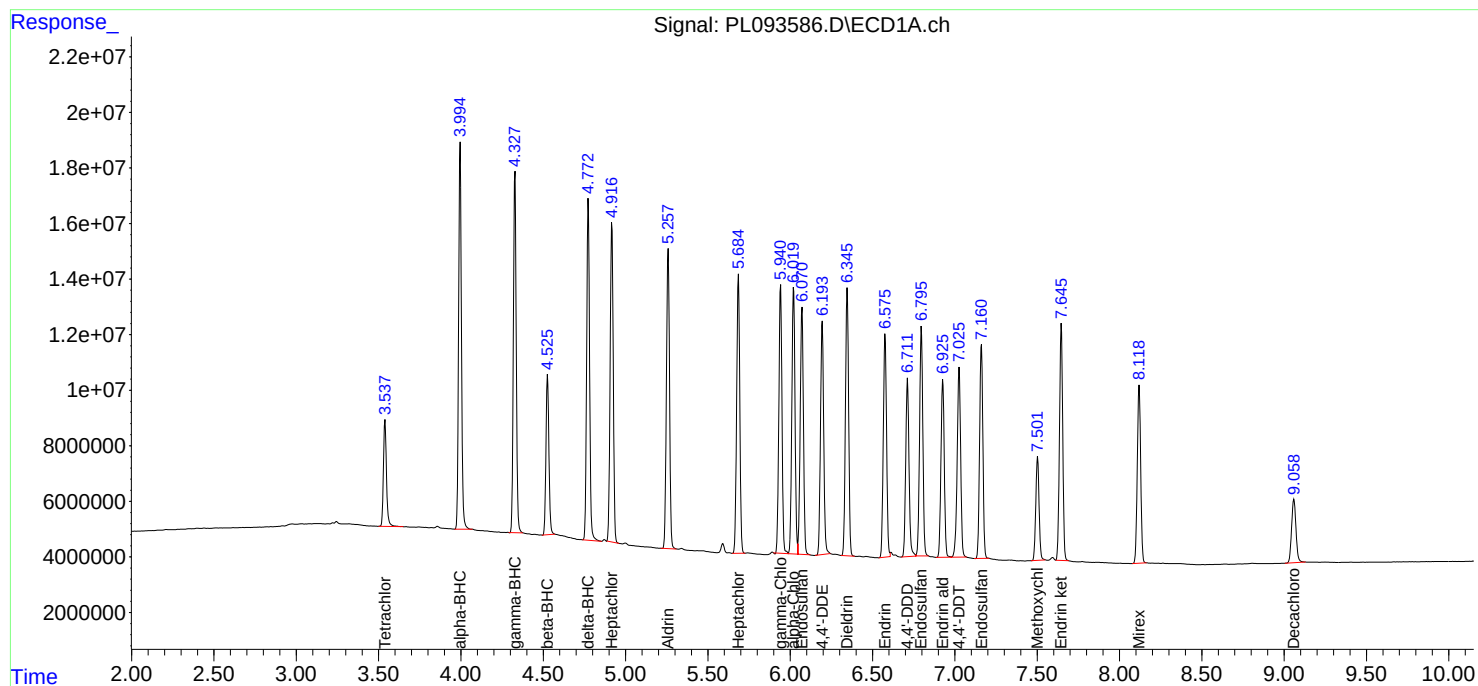
Instrument :
ECD_L
ClientSampleId :
PB165960BS

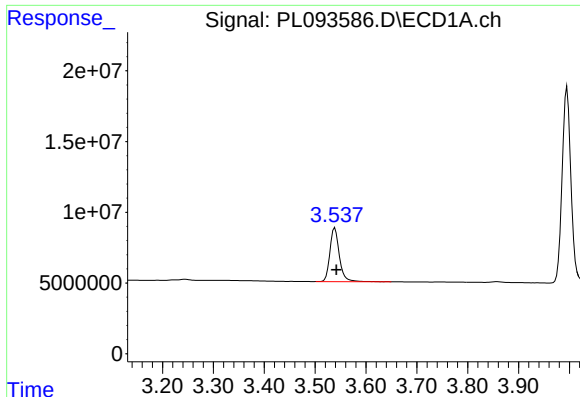
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 00:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 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





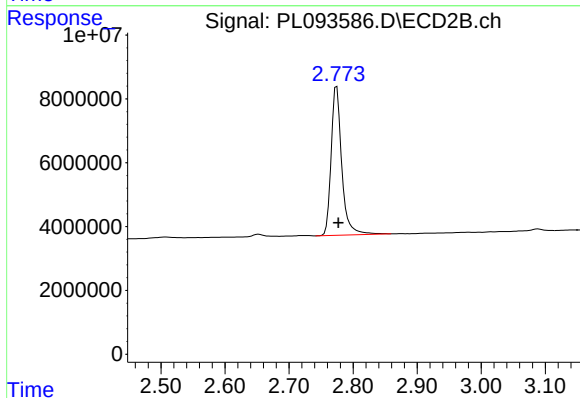
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.003 min
Response: 49093520
Conc: 19.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165960BS

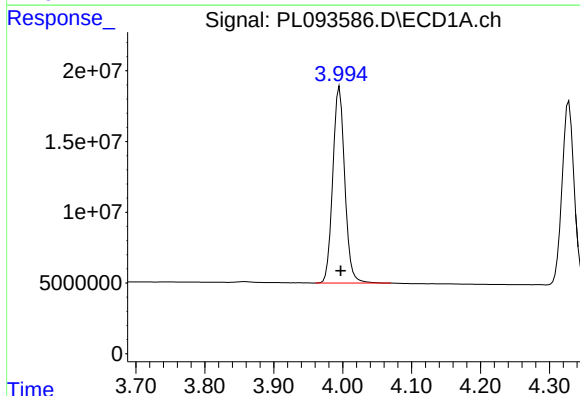
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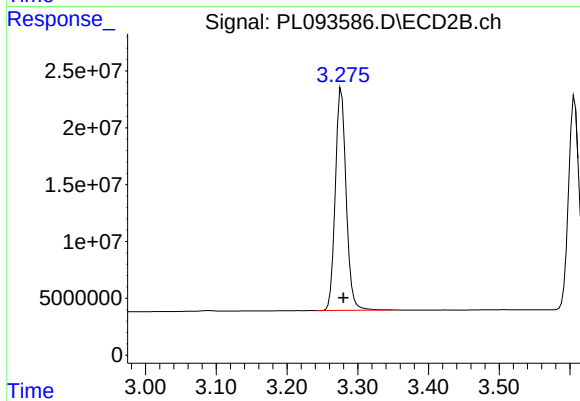
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.003 min
Response: 53795304
Conc: 18.48 ng/ml



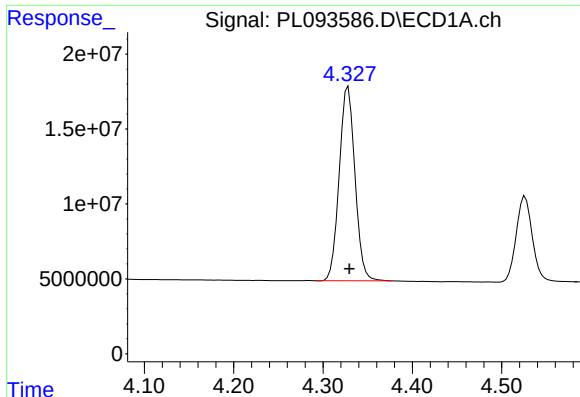
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 167173227
Conc: 48.42 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 208268528
Conc: 47.91 ng/ml



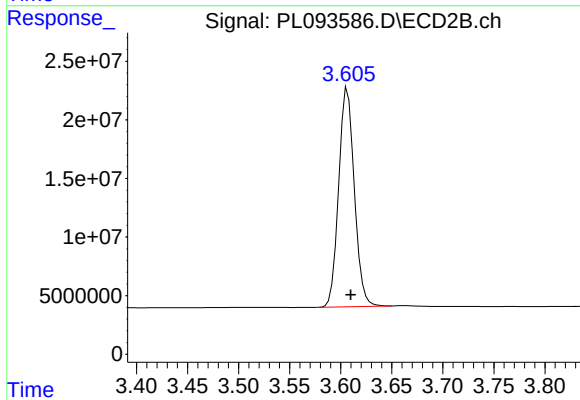
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.001 min
Response: 158543450
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165960BS

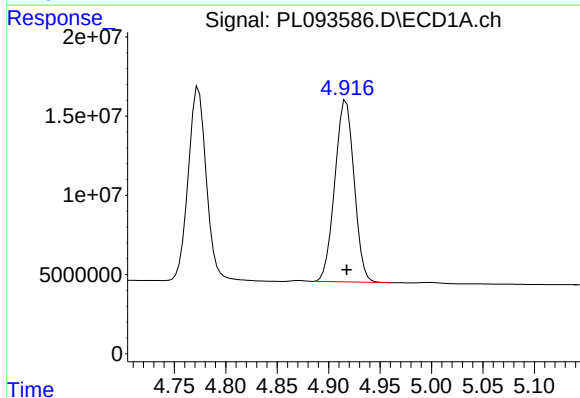
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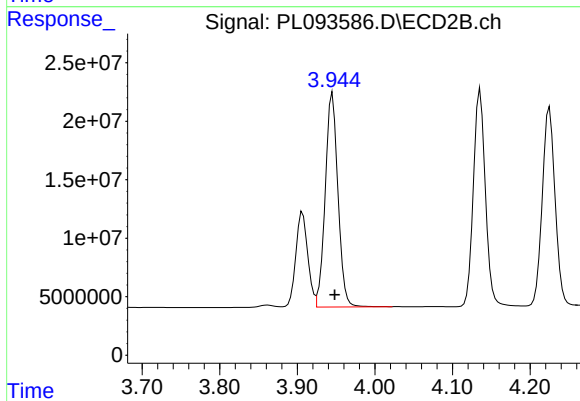
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 199529088
Conc: 47.29 ng/ml



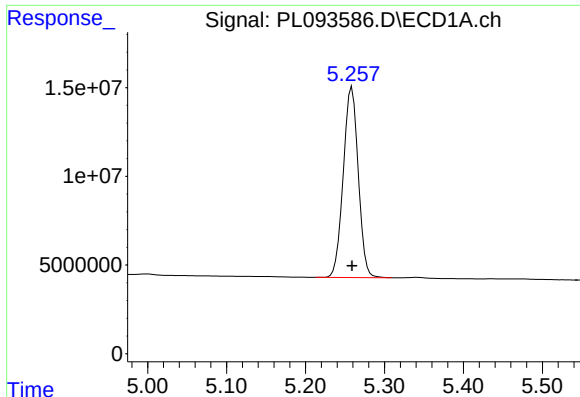
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 149295565
Conc: 50.98 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 208541597
Conc: 50.18 ng/ml



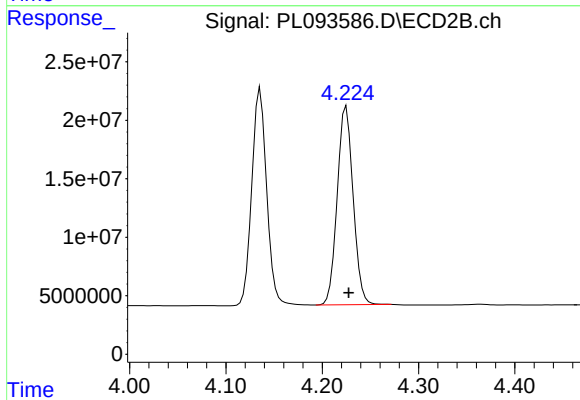
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 141366177
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165960BS

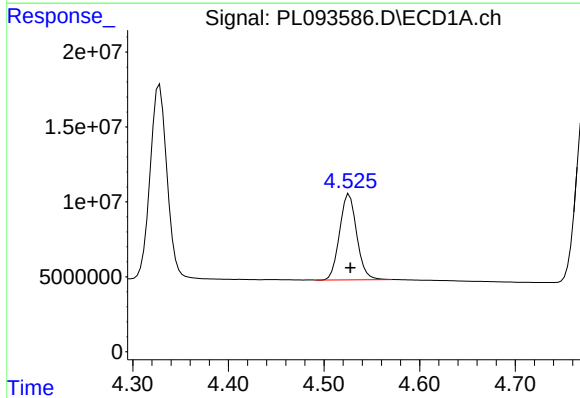
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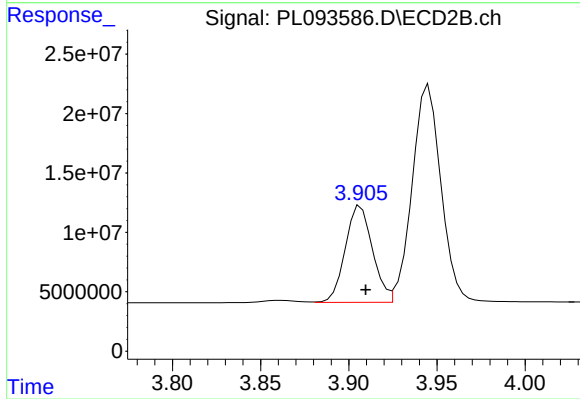
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.003 min
Response: 194442728
Conc: 47.40 ng/ml



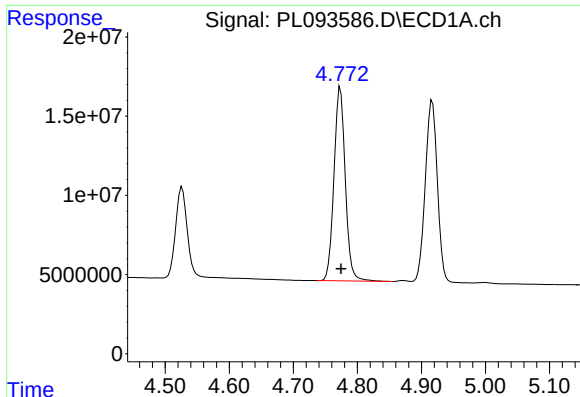
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 71383823
Conc: 49.52 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 87325884
Conc: 48.58 ng/ml



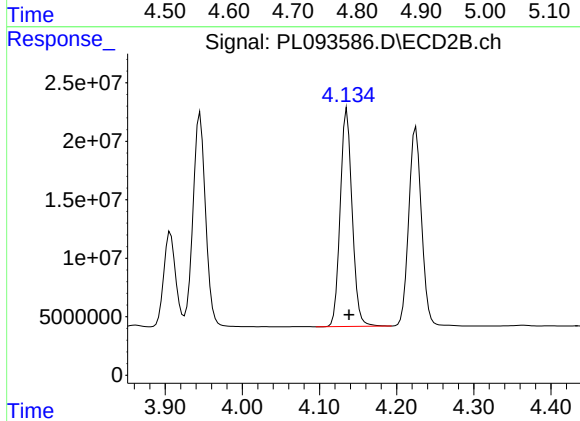
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.001 min
Response: 150216843
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165960BS

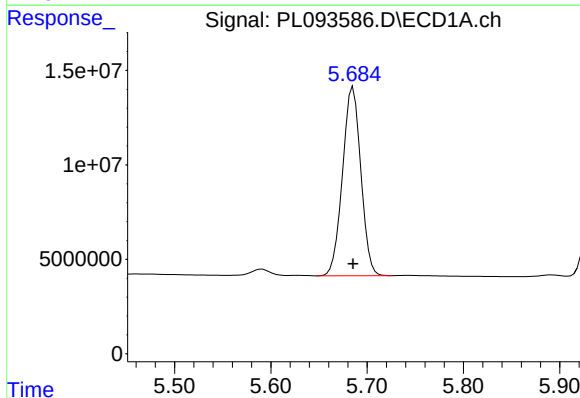
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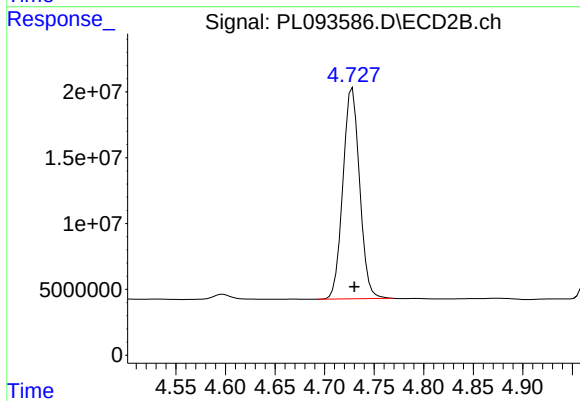
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.003 min
Response: 199170059
Conc: 47.10 ng/ml



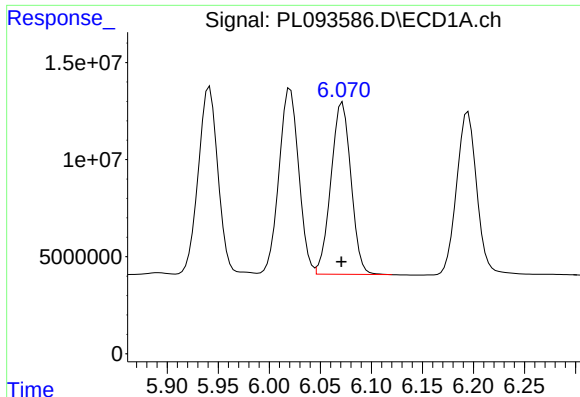
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 131480305
Conc: 49.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.002 min
Response: 187952550
Conc: 49.09 ng/ml



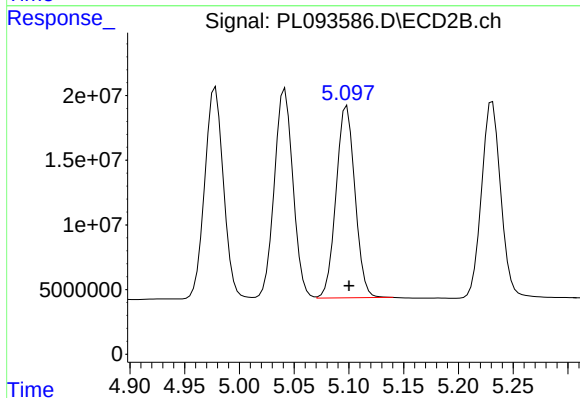
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.001 min
Response: 121020119
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165960BS

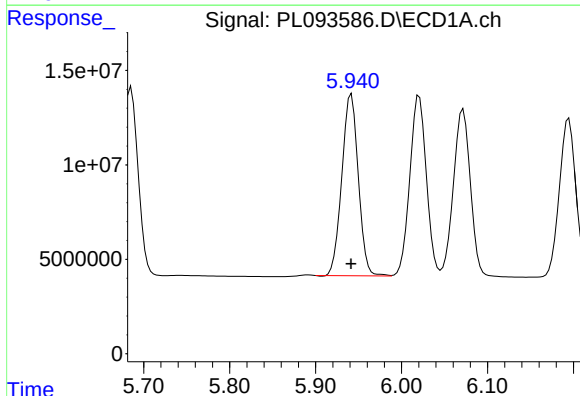
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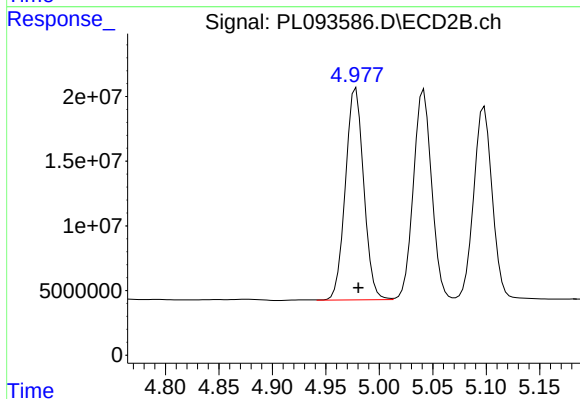
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.002 min
Response: 177881721
Conc: 50.91 ng/ml



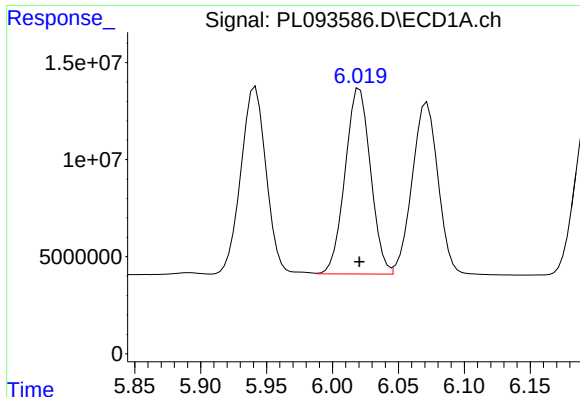
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 128157731
Conc: 51.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 195236739
Conc: 50.67 ng/ml



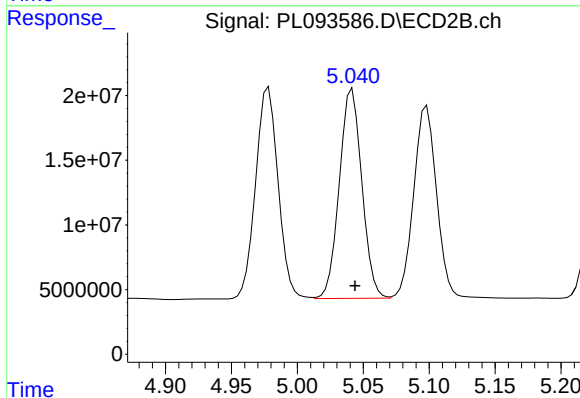
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 128466589
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165960BS

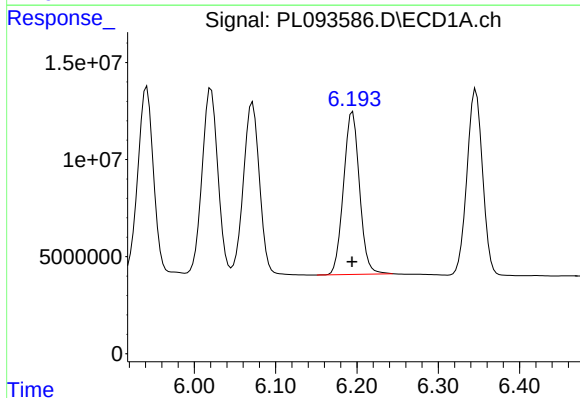
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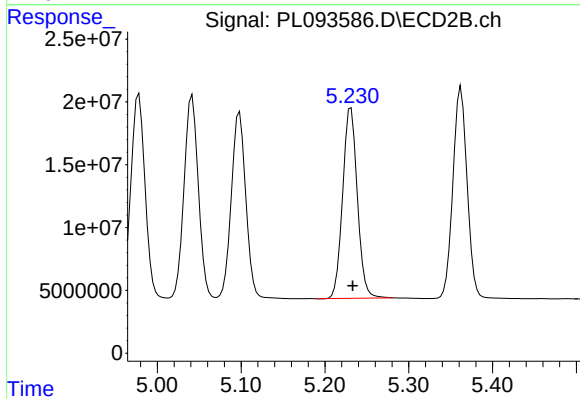
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 192378714
Conc: 50.53 ng/ml



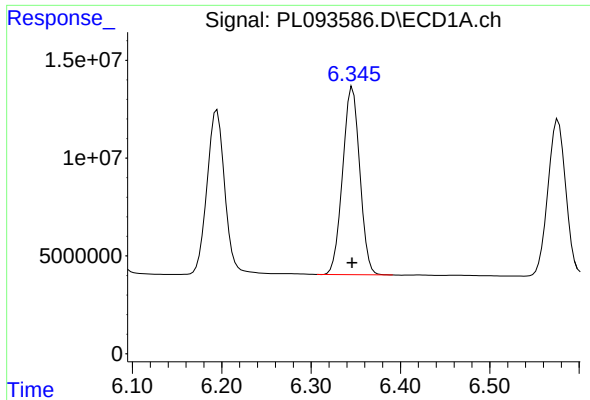
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 114238913
Conc: 50.91 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 184653436
Conc: 50.22 ng/ml



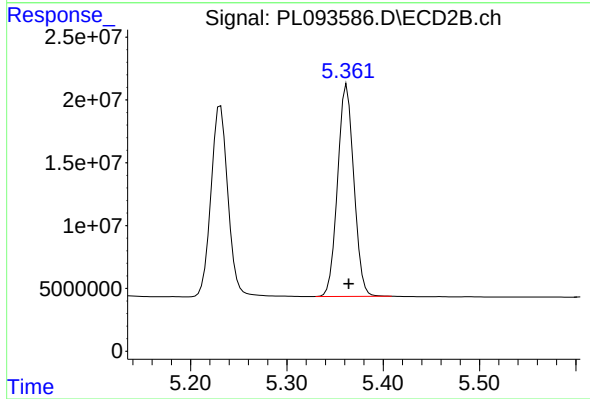
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 127878647
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165960BS

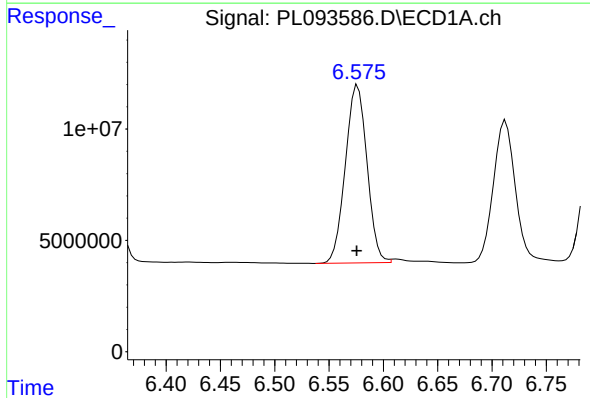
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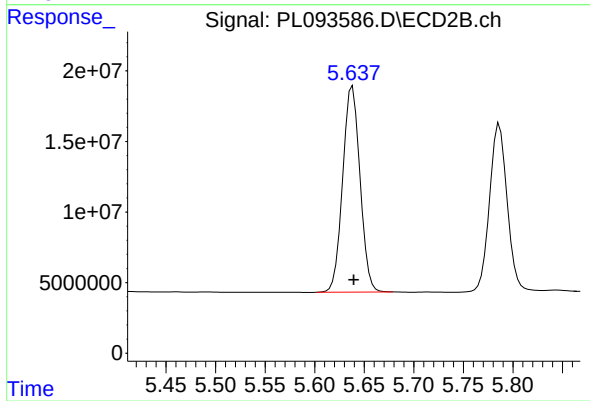
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 197481501
Conc: 51.24 ng/ml



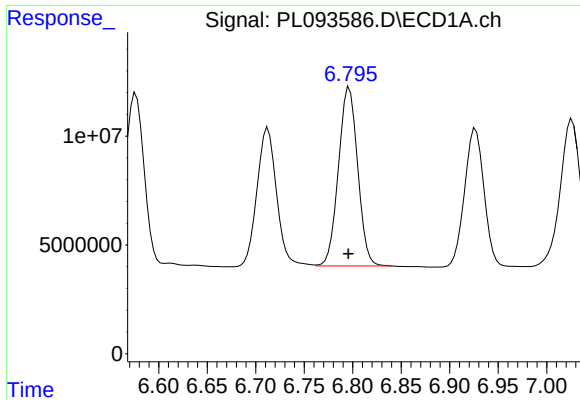
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 110761547
Conc: 51.46 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.001 min
Response: 177576360
Conc: 53.68 ng/ml



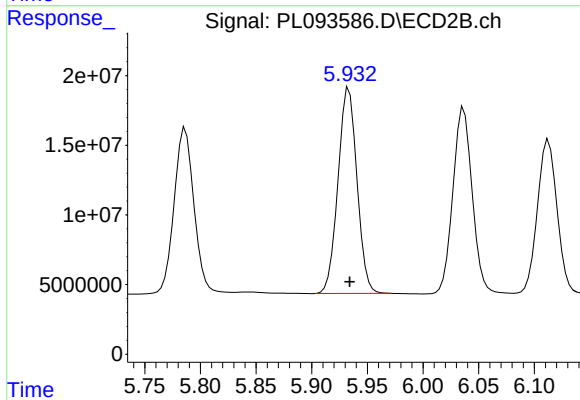
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.001 min
Response: 113146269
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165960BS

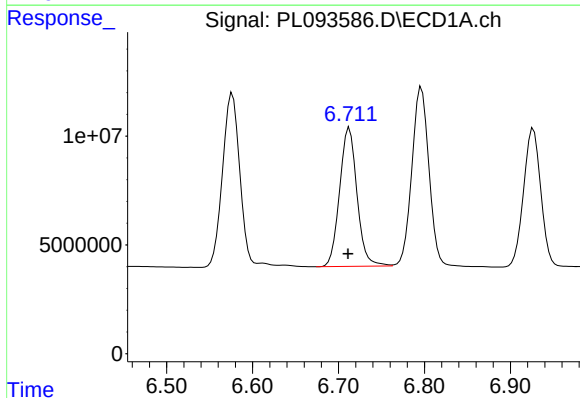
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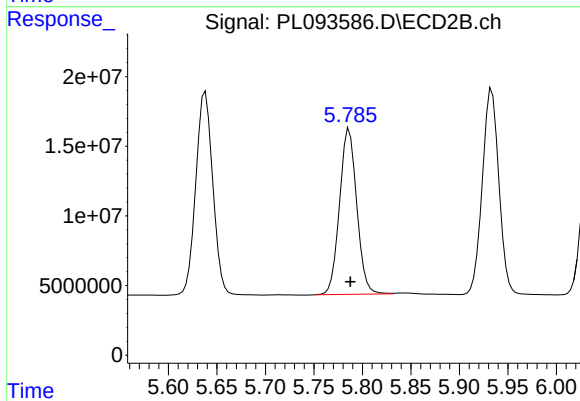
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 175238646
Conc: 53.94 ng/ml



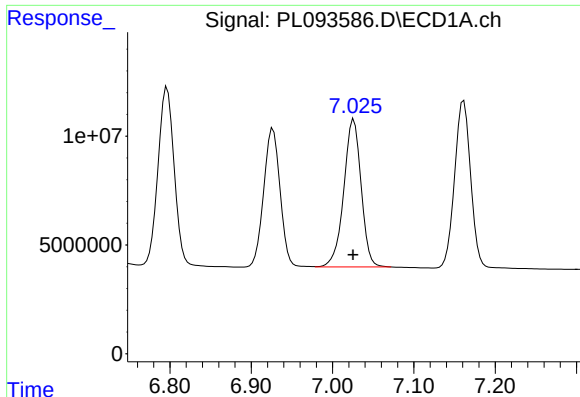
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 89868106
Conc: 51.18 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.001 min
Response: 146701937
Conc: 51.84 ng/ml



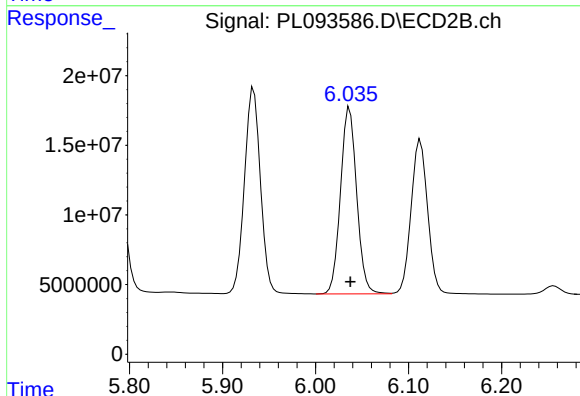
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.001 min
Response: 100407873
Conc: 54.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165960BS

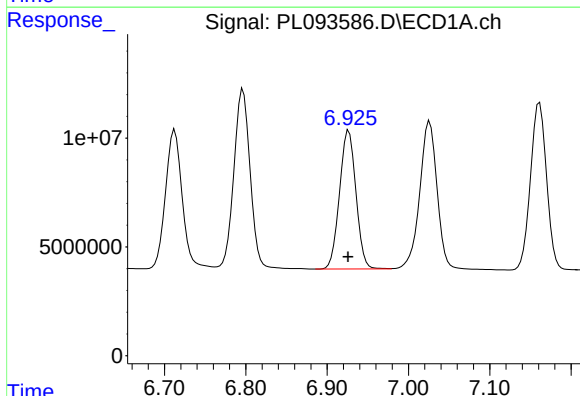
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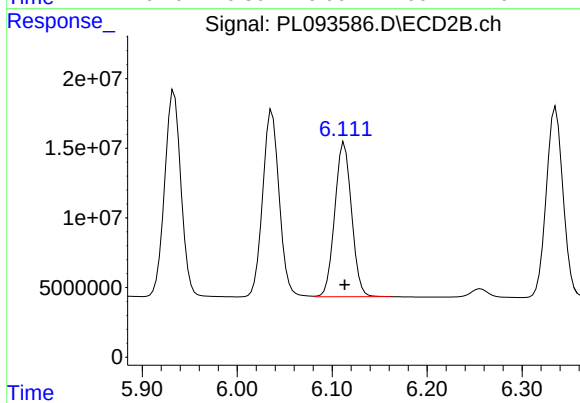
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 161926450
Conc: 53.61 ng/ml



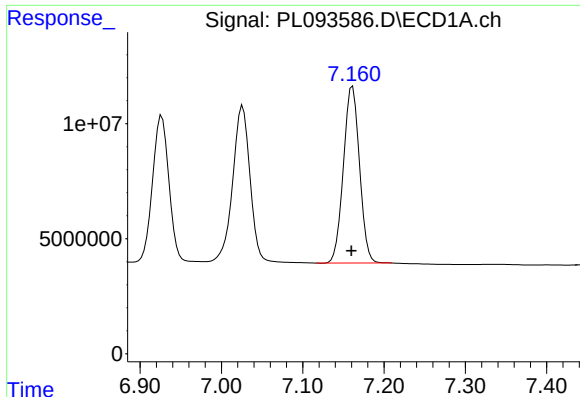
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 89222341
Conc: 50.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 136114164
Conc: 50.54 ng/ml



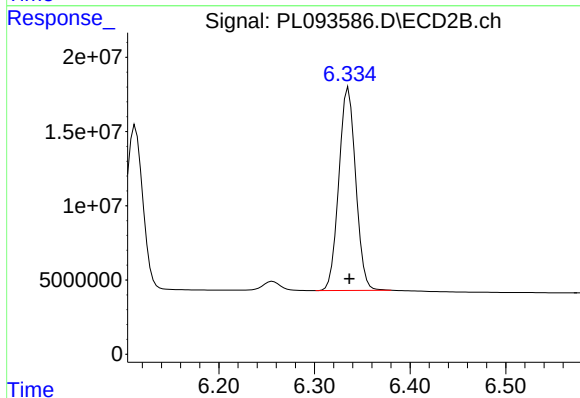
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.001 min
Response: 105349972
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165960BS

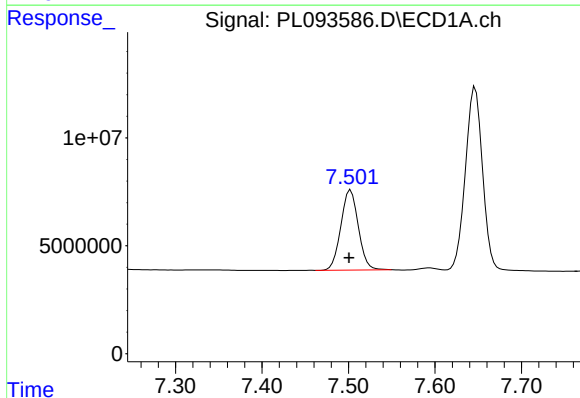
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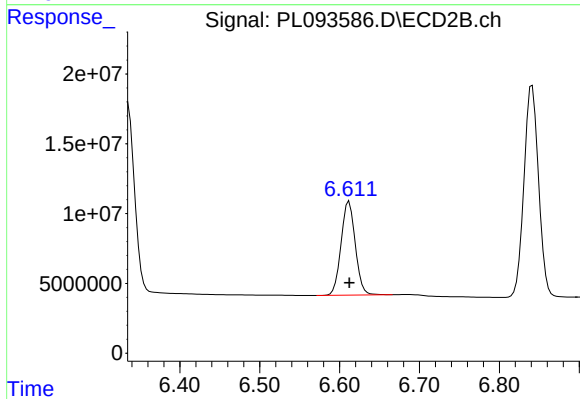
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: -0.001 min
Response: 167798483
Conc: 53.19 ng/ml



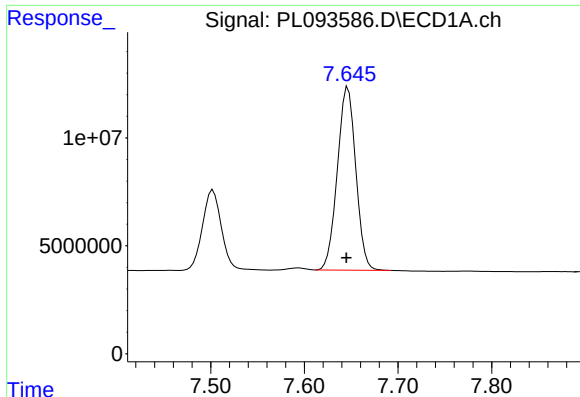
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 51745511
Conc: 51.76 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 82938269
Conc: 51.53 ng/ml



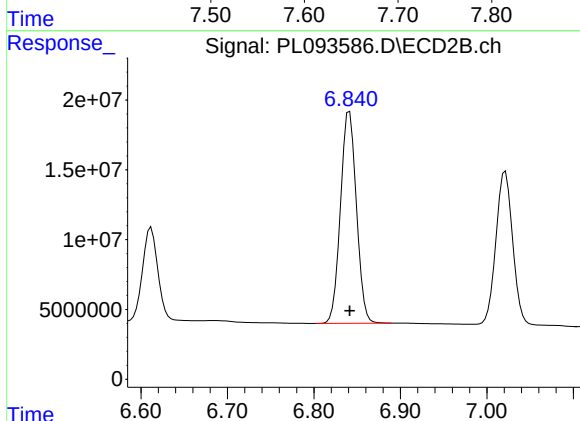
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.002 min
Response: 116265709
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165960BS

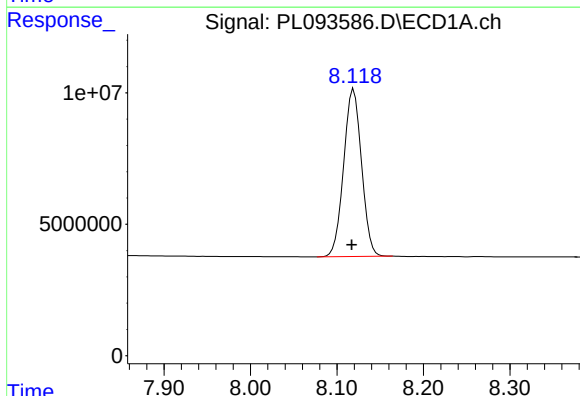
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Reviewed By :Abdul Mirza 01/07/2025
Supervised By :Ankita Jodhani 01/08/2025



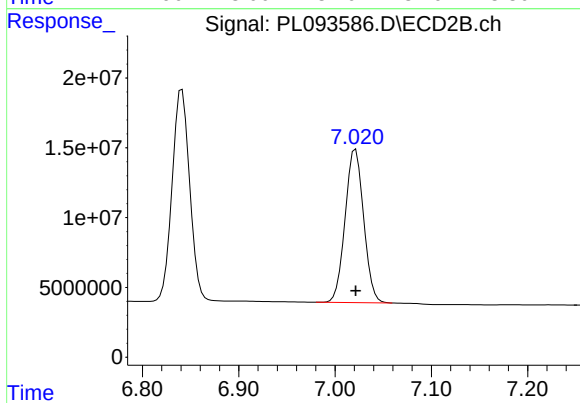
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 192771989
Conc: 52.95 ng/ml



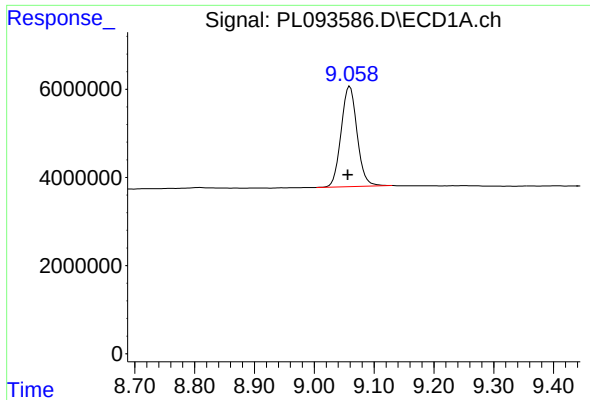
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.002 min
Response: 90974314
Conc: 48.68 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 146061826
Conc: 47.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.004 min
Response: 42312288
Conc: 22.88 ng/ml

Instrument :

ECD_L

ClientSampleId :

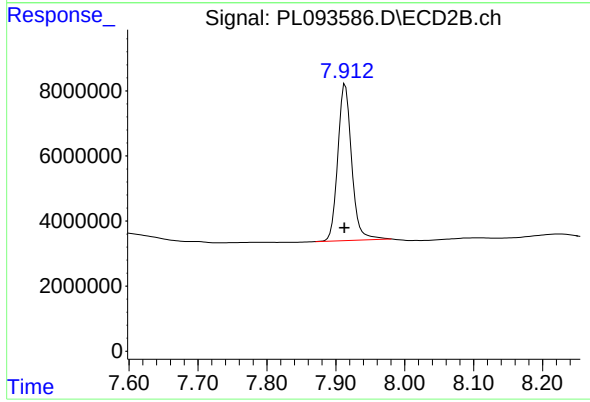
PB165960BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 01/07/2025

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#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.001 min
Response: 67460900
Conc: 22.59 ng/ml