

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
 Data File : PL093935.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2025 13:22
 Operator : AR\AJ
 Sample : PB166365BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166365BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/03/2025
 Supervised By :Ankita Jodhani 02/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 00:24:59 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...	3.541	2.774	54616208	61923350	20.283	18.971
28)	SA Decachlor...	9.060	7.912	46000174	77428119	21.990	22.097
Target Compounds							
2)	A alpha-BHC	3.997	3.277	177.1E6	220.6E6	46.198	45.125
3)	MA gamma-BHC...	4.330	3.607	168.6E6	209.3E6	45.779	44.149
4)	MA Heptachlor	4.918	3.945	163.1E6	220.3E6	49.771	47.325
5)	MB Aldrin	5.260	4.225	151.5E6	205.5E6	46.315	45.039
6)	B beta-BHC	4.528	3.907	76370123	93150774	47.514	46.635
7)	B delta-BHC	4.775	4.136	164.3E6	212.5E6	46.858	44.729
8)	B Heptachlo...	5.686	4.728	136.5E6	197.1E6	45.913	47.160
9)	A Endosulfan I	6.072	5.098	124.2E6	182.5E6	46.991	47.084
10)	B gamma-Chl...	5.943	4.977	132.7E6	205.8E6	47.600	48.574m
11)	B alpha-Chl...	6.022	5.042	133.0E6	202.1E6	47.699	48.279
12)	B 4,4'-DDE	6.196	5.231	124.0E6	201.1E6	50.937	50.158
13)	MA Dieldrin	6.347	5.362	131.2E6	205.7E6	47.274	47.884
14)	MA Endrin	6.575	5.638	112.8E6	191.2E6	48.110m	51.768
15)	B Endosulfa...	6.797	5.933	114.9E6	183.0E6	47.673	49.419
16)	A 4,4'-DDD	6.713	5.786	99415719	164.3E6	52.309	52.041
17)	MA 4,4'-DDT	7.027	6.036	107.3E6	176.8E6	54.416	54.318
18)	B Endrin al...	6.928	6.112	90022140	143.2E6	46.306	47.035
19)	B Endosulfa...	7.162	6.335	105.2E6	176.9E6	46.480	49.605
20)	A Methoxychlor	7.503	6.612	55169258	95075552	52.875	53.170
21)	B Endrin ke...	7.647	6.840	116.4E6	200.8E6	46.143	47.865
22)	Mirex	8.120	7.020	88403054	150.0E6	42.451	44.365

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
Data File : PL093935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2025 13:22
Operator : AR\AJ
Sample : PB166365BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

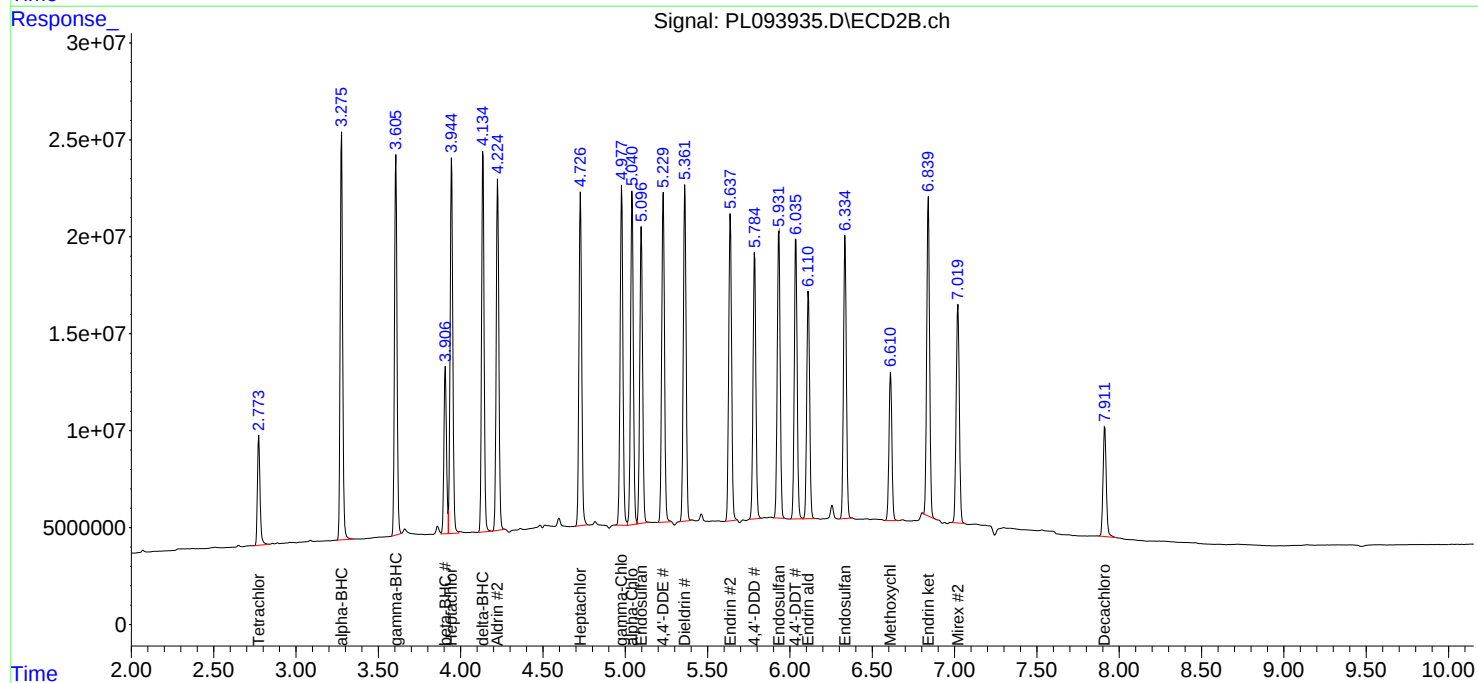
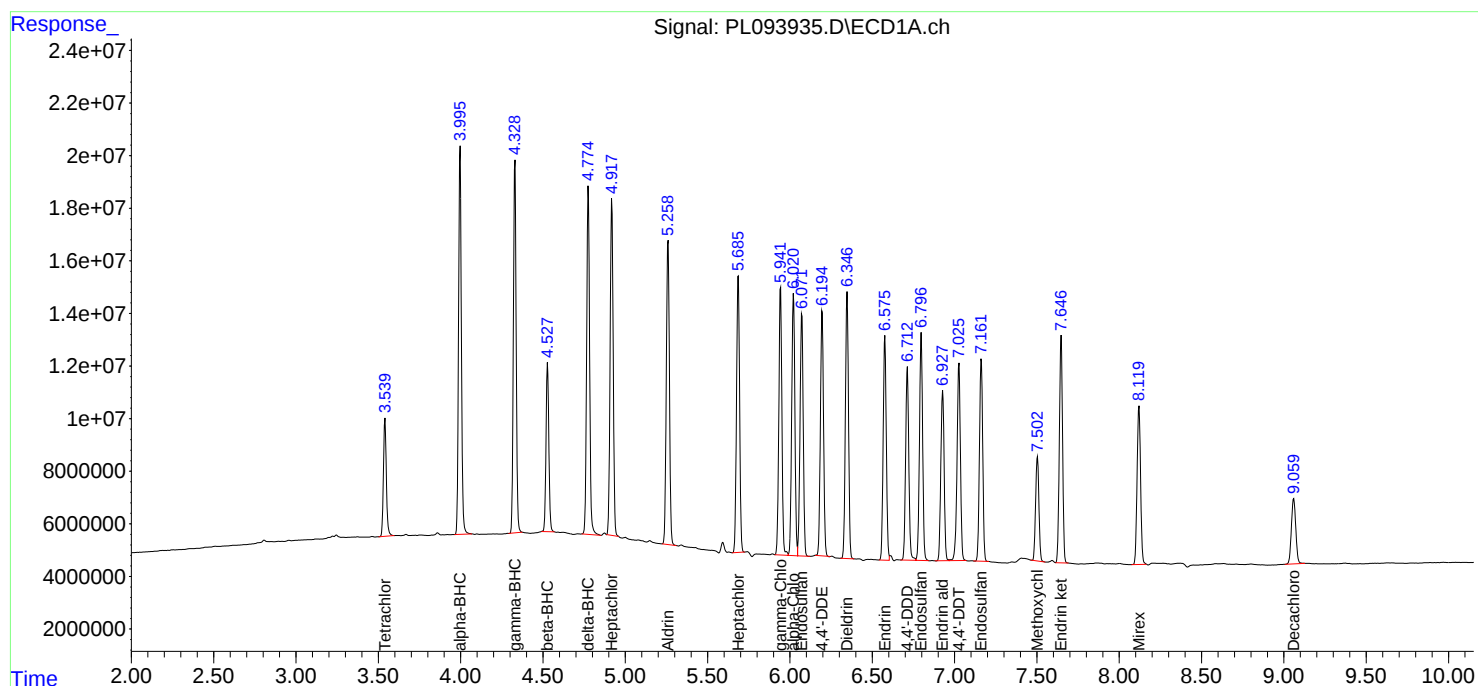
Instrument :
ECD_L
ClientSampleId :
PB166365BSD

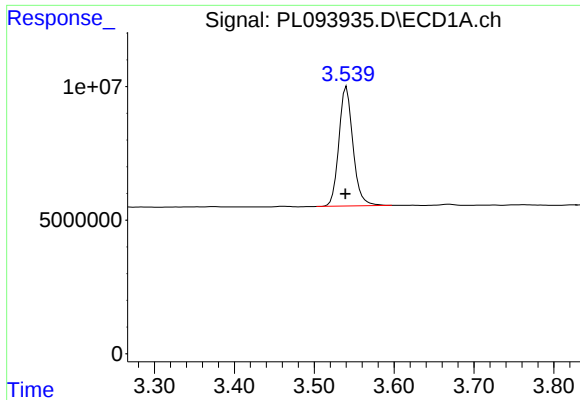
Manual Integrations
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Supervised By :Ankita Jodhani 02/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 00:24:59 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





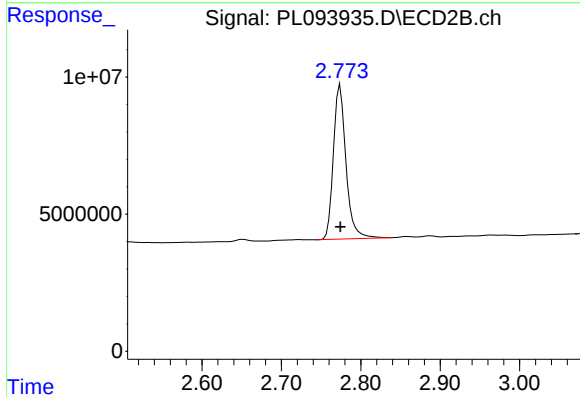
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.002 min
Response: 54616208
Conc: 20.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166365BSD

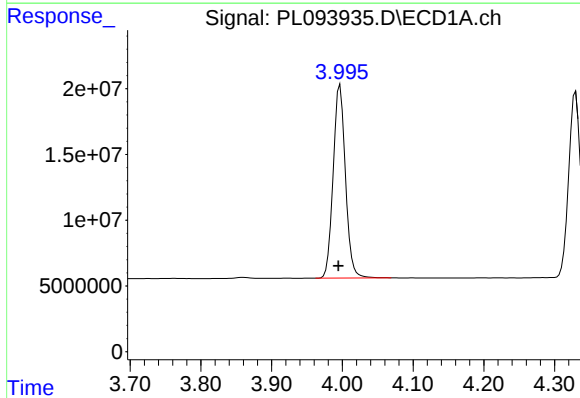
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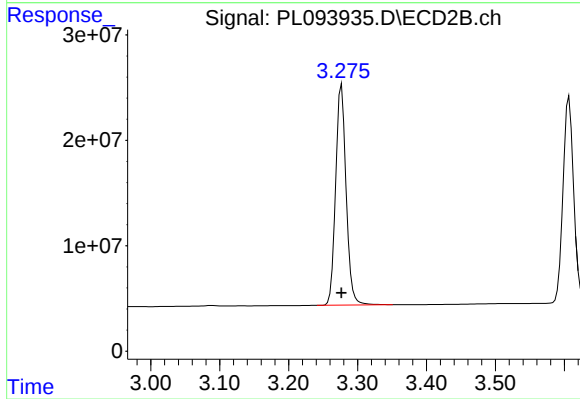
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 61923350
Conc: 18.97 ng/ml



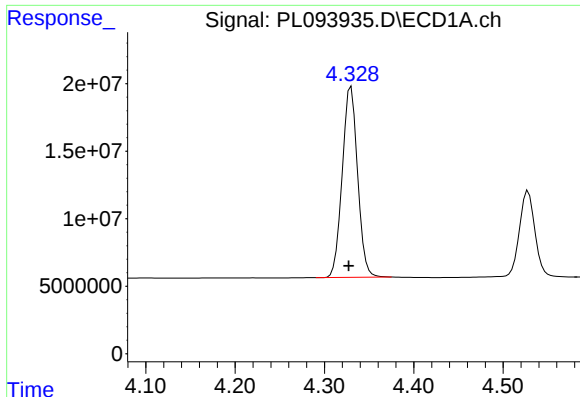
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.002 min
Response: 177116521
Conc: 46.20 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 220616515
Conc: 45.13 ng/ml



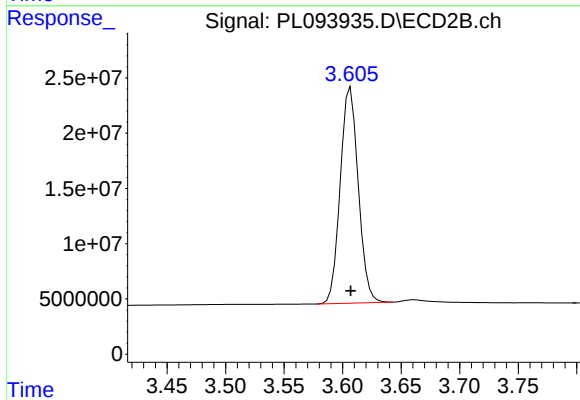
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.003 min
Response: 168597506
Conc: 45.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166365BSD

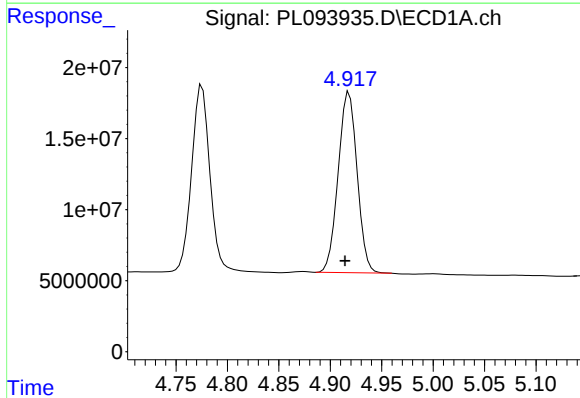
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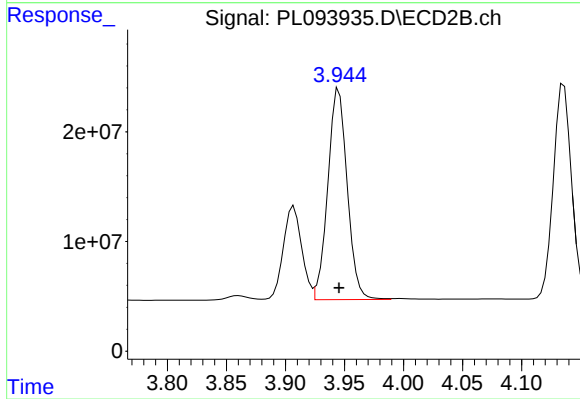
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 209318377
Conc: 44.15 ng/ml



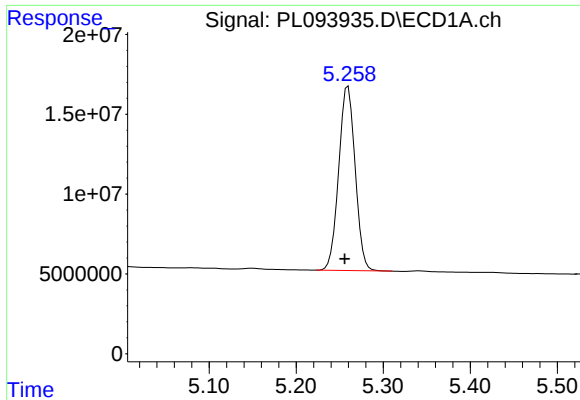
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.004 min
Response: 163116588
Conc: 49.77 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 220286222
Conc: 47.32 ng/ml



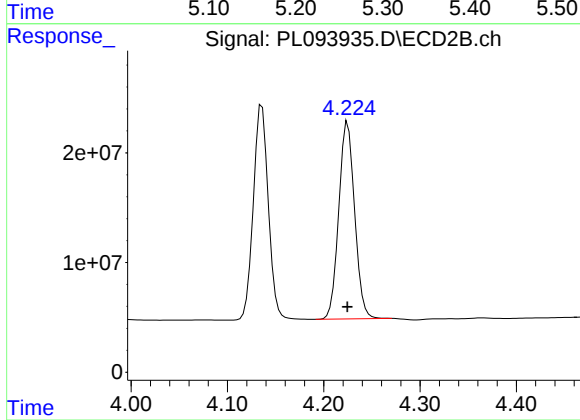
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: 0.004 min
Response: 151539920
Conc: 46.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166365BSD

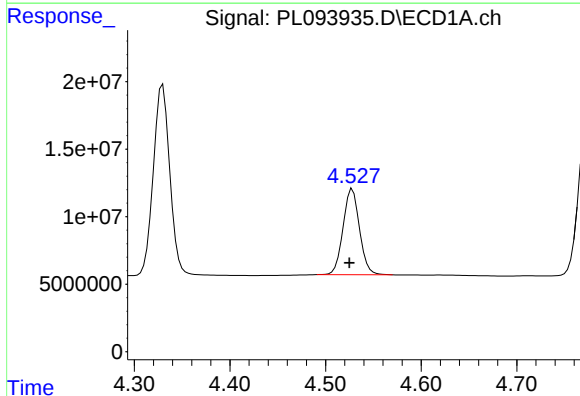
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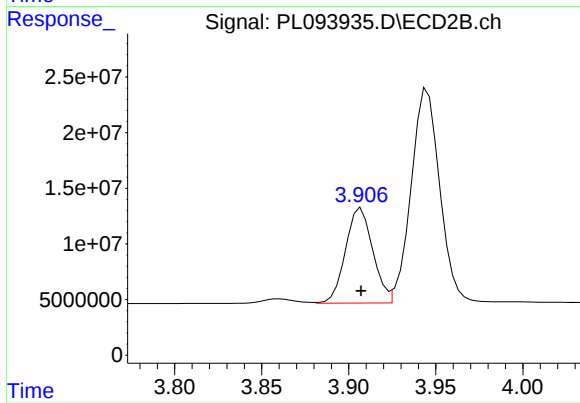
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 205457788
Conc: 45.04 ng/ml



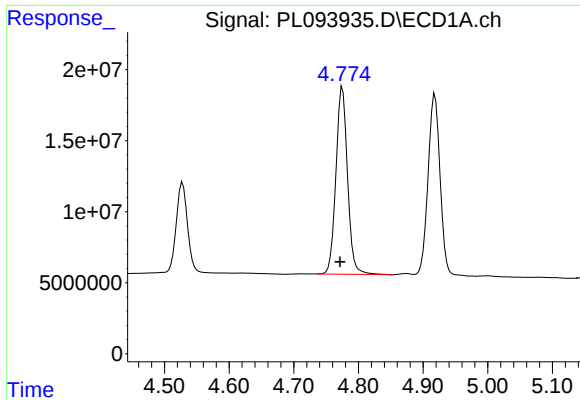
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 76370123
Conc: 47.51 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 93150774
Conc: 46.64 ng/ml



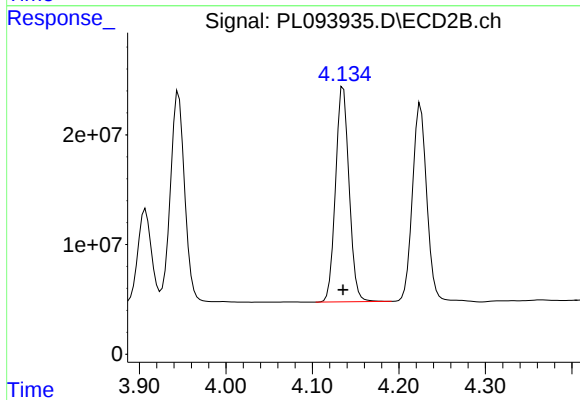
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.004 min
Response: 164250644
Conc: 46.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166365BSD

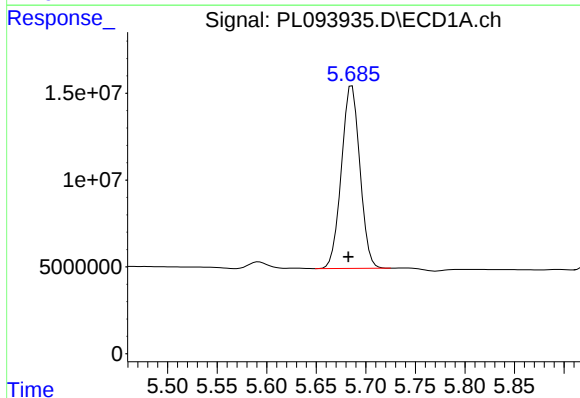
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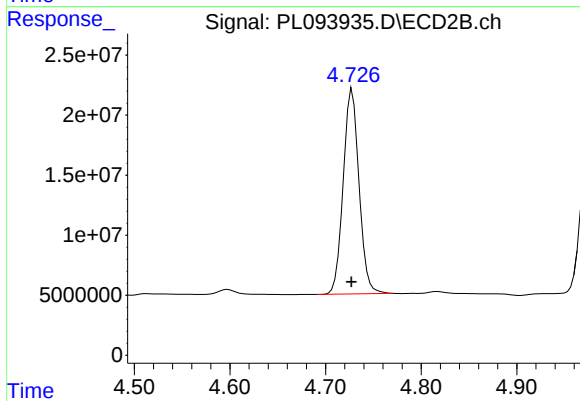
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 212516820
Conc: 44.73 ng/ml



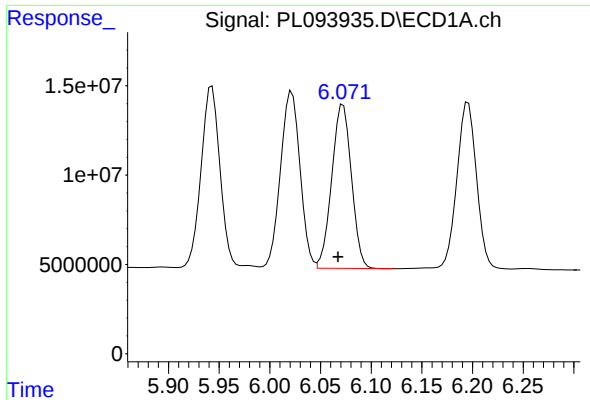
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.004 min
Response: 136537599
Conc: 45.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 197142787
Conc: 47.16 ng/ml



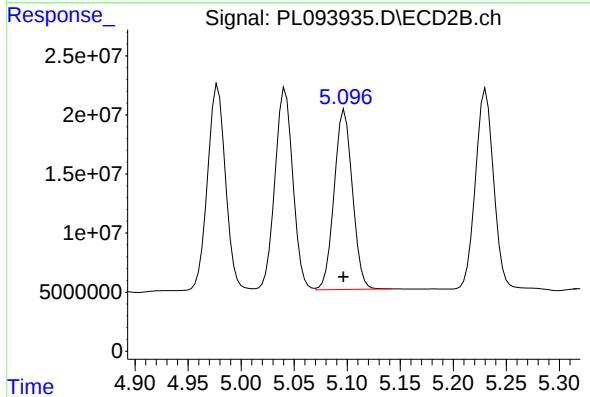
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.005 min
Response: 124190524
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166365BSD

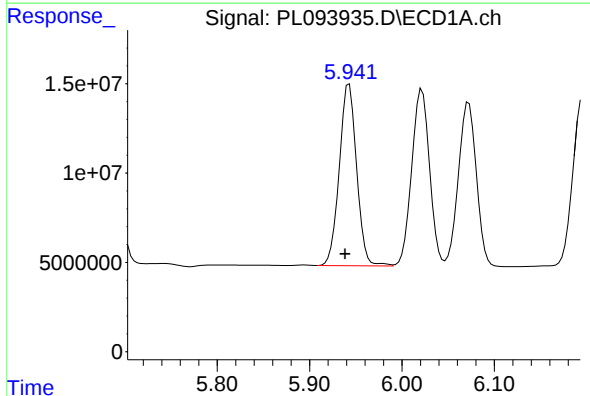
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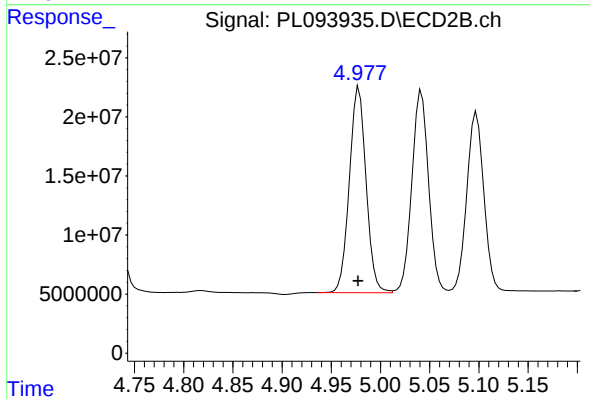
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: 0.001 min
Response: 182539735
Conc: 47.08 ng/ml



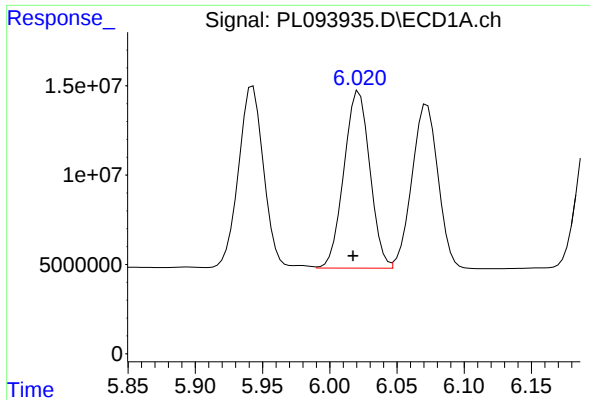
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.005 min
Response: 132679247
Conc: 47.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 205837741
Conc: 48.57 ng/ml m



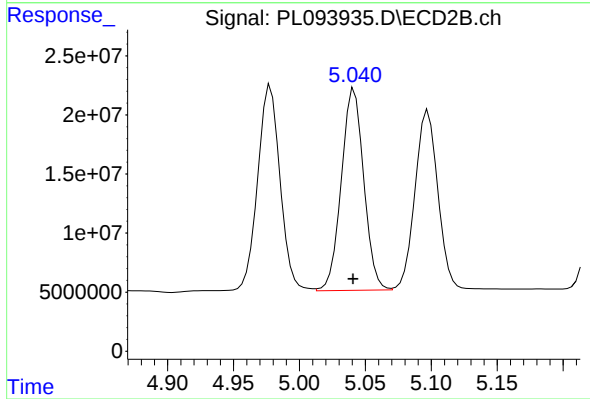
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.004 min
Response: 133003707
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166365BSD

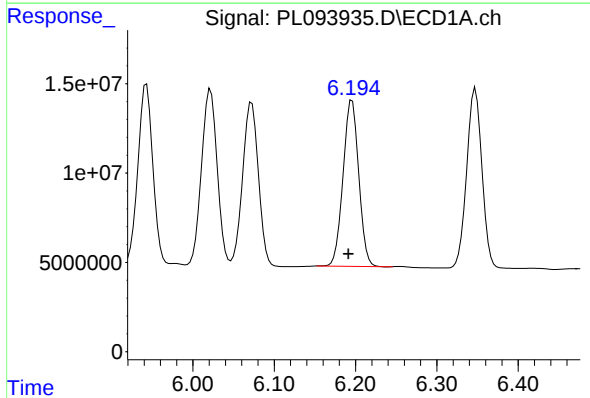
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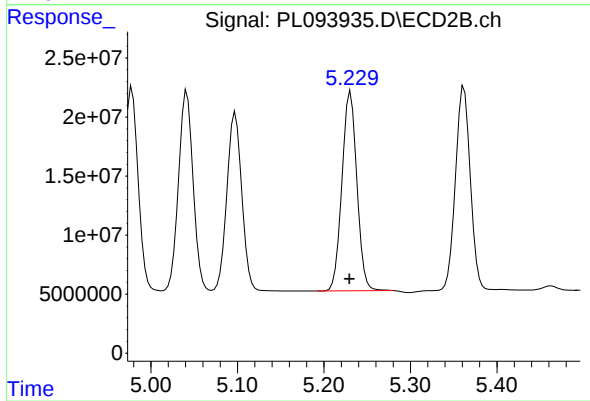
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.001 min
Response: 202123786
Conc: 48.28 ng/ml



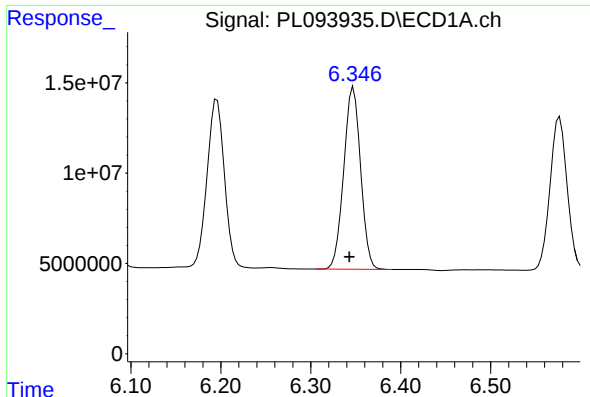
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.005 min
Response: 124011678
Conc: 50.94 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: 0.001 min
Response: 201107683
Conc: 50.16 ng/ml



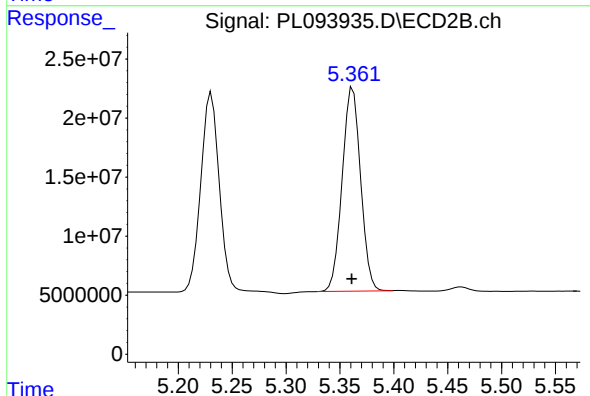
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.005 min
Response: 131225539
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166365BSD

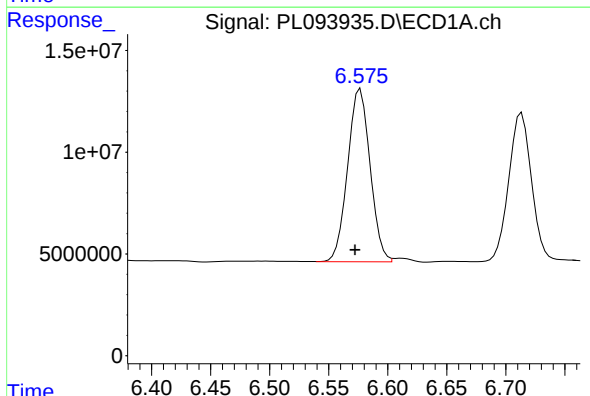
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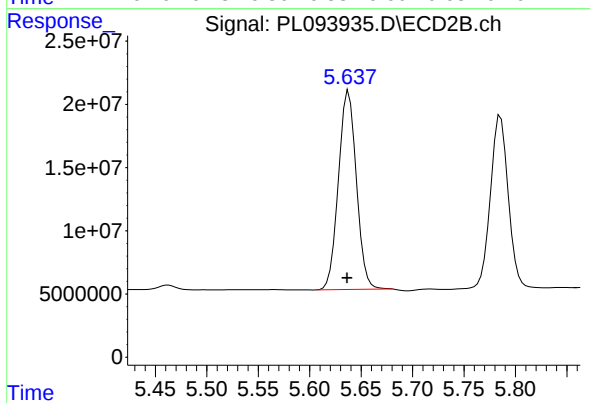
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: 0.001 min
Response: 205691360
Conc: 47.88 ng/ml



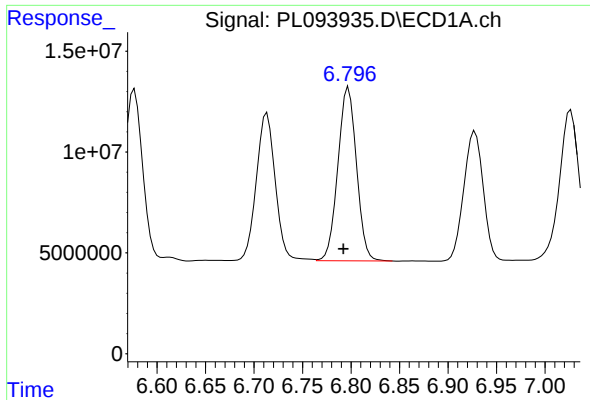
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.003 min
Response: 112809041
Conc: 48.11 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.001 min
Response: 191161946
Conc: 51.77 ng/ml



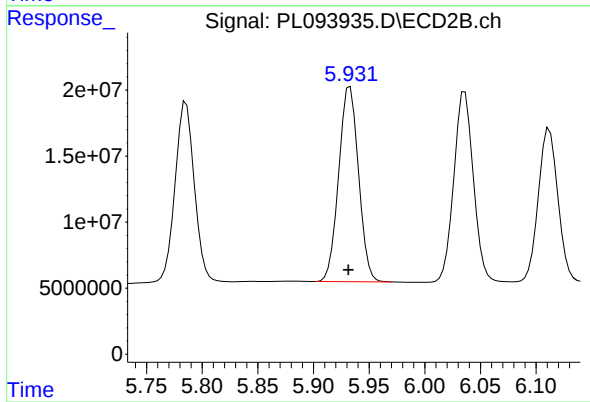
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.005 min
Response: 114862181
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166365BSD

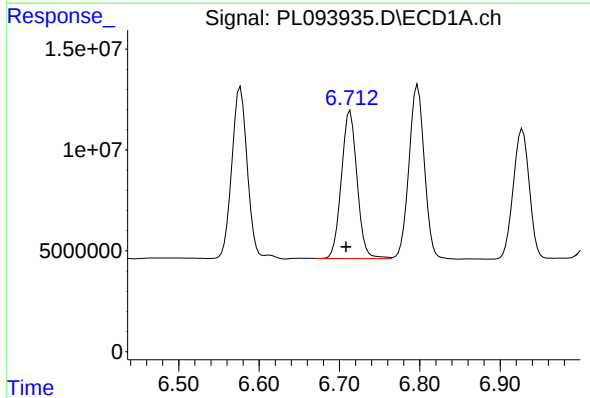
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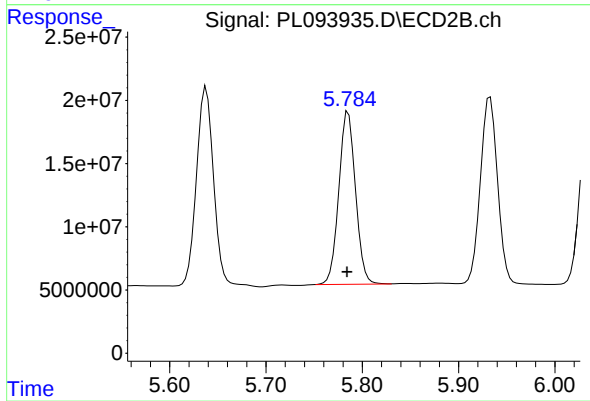
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: 0.002 min
Response: 183040364
Conc: 49.42 ng/ml



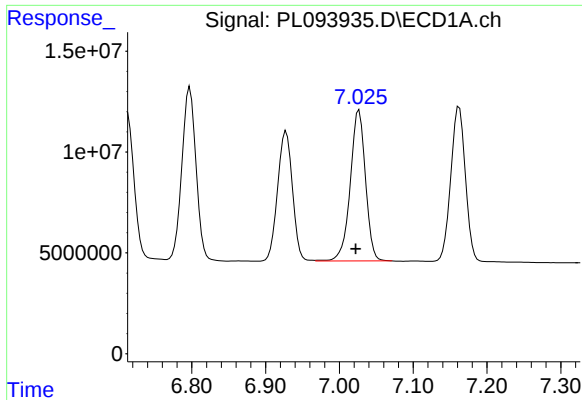
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.005 min
Response: 99415719
Conc: 52.31 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.001 min
Response: 164268739
Conc: 52.04 ng/ml



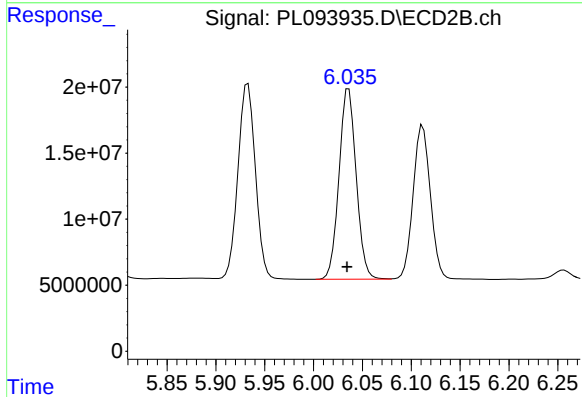
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.004 min
Response: 107311617
Conc: 54.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166365BSD

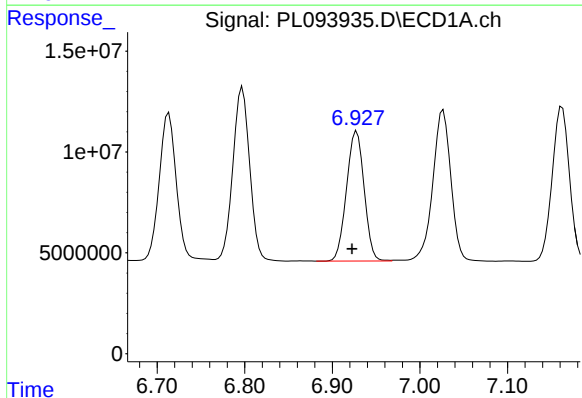
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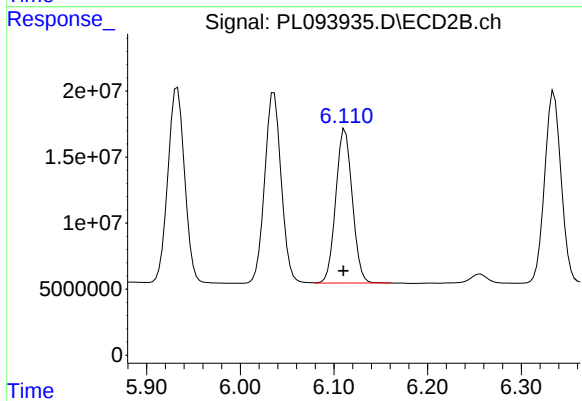
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.002 min
Response: 176752721
Conc: 54.32 ng/ml



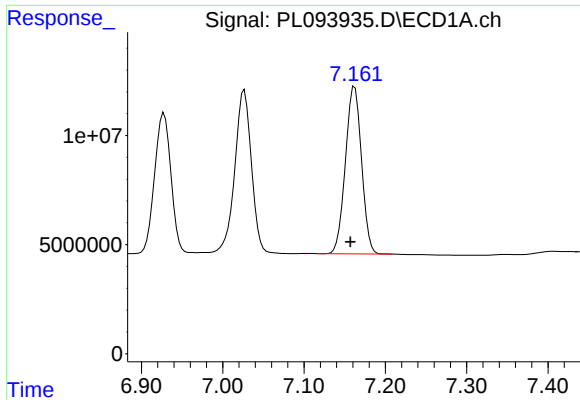
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.005 min
Response: 90022140
Conc: 46.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 143204731
Conc: 47.04 ng/ml



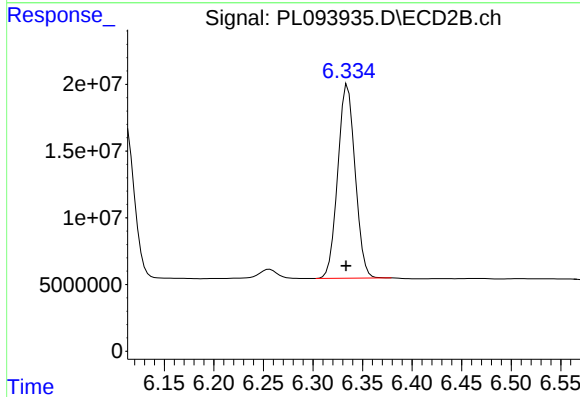
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.005 min
Response: 105218887
Conc: 46.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166365BSD

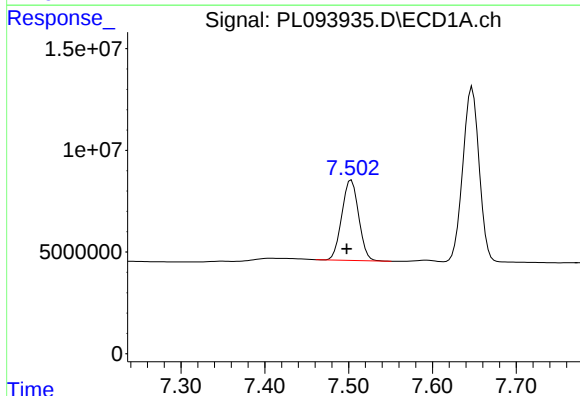
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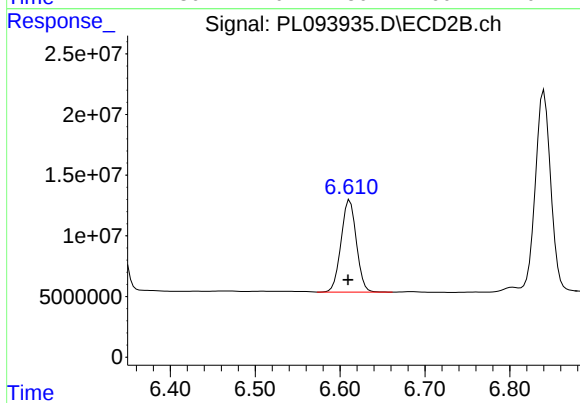
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: 0.002 min
Response: 176895722
Conc: 49.61 ng/ml



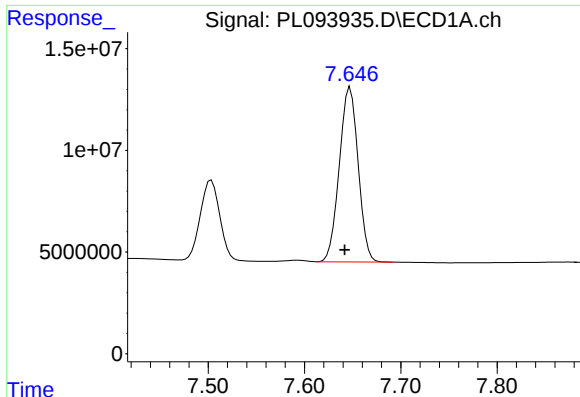
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.005 min
Response: 55169258
Conc: 52.87 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 95075552
Conc: 53.17 ng/ml



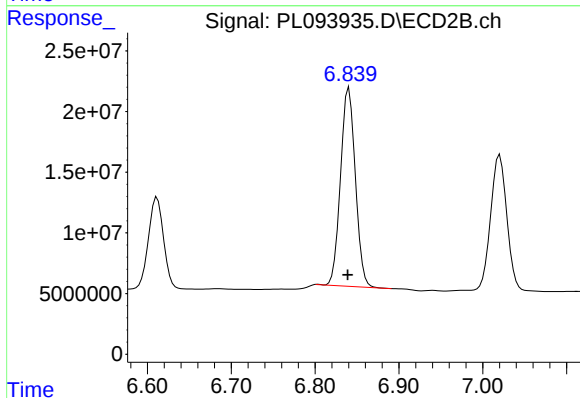
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.006 min
Response: 116401370
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166365BSD

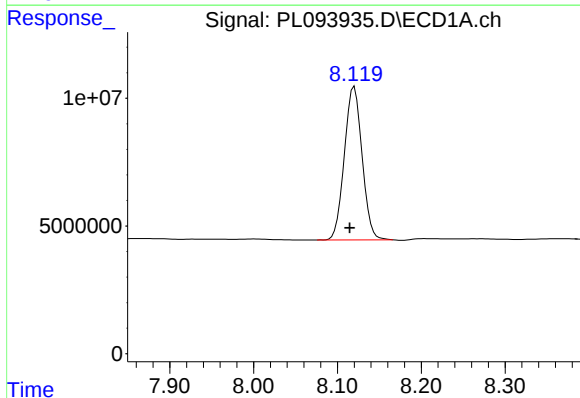
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2025
Supervised By :Ankita Jodhani 02/06/2025



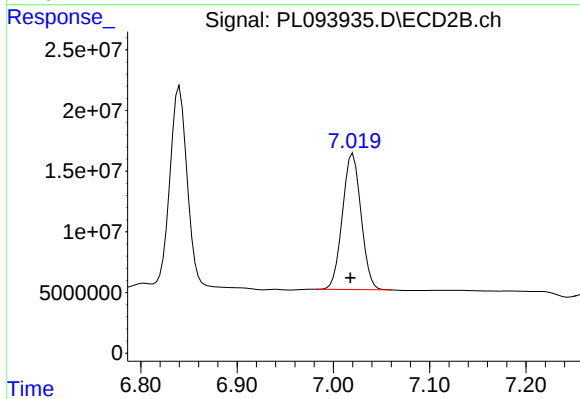
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: 0.001 min
Response: 200803828
Conc: 47.86 ng/ml



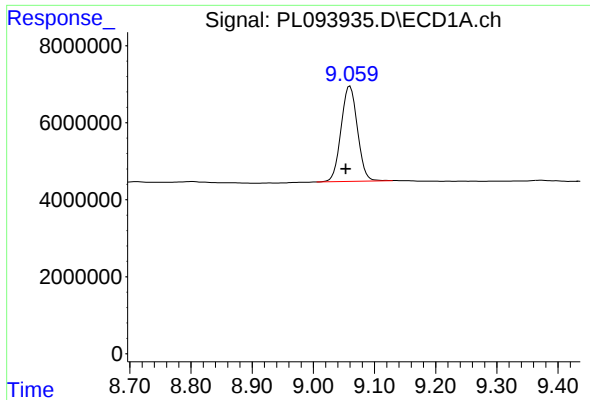
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.005 min
Response: 88403054
Conc: 42.45 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.003 min
Response: 150037073
Conc: 44.36 ng/ml



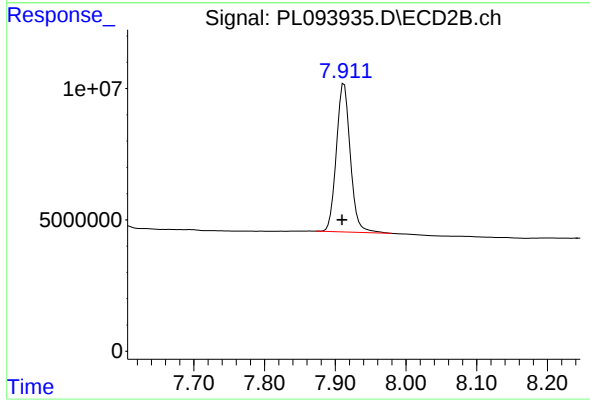
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.007 min
Response: 46000174
Conc: 21.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166365BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.003 min
Response: 77428119
Conc: 22.10 ng/ml