

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011725\
 Data File : PL093679.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2025 12:41
 Operator : AR\AJ
 Sample : PB166096BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166096BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/20/2025
 Supervised By :Ankita Jodhani 01/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 00:53:19 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...	3.541	2.796f	51553192	57482165	20.824	19.745
28)	SA Decachlor...	9.058	7.931f	42701787	66154464	23.094	22.156m
Target Compounds							
2)	A alpha-BHC	3.997	3.299f	183.8E6	239.5E6	53.247	55.094
3)	MA gamma-BHC...	4.330	3.627f	174.3E6	229.6E6	53.142	54.410m
4)	MA Heptachlor	4.918	3.967f	163.3E6	234.6E6	55.759	56.459
5)	MB Aldrin	5.260	4.245f	152.4E6	223.8E6	52.397	54.550m
6)	B beta-BHC	4.528	3.929f	78509974	101.0E6	54.461	56.203
7)	B delta-BHC	4.775	4.156f	166.2E6	230.0E6	54.272	54.393m
8)	B Heptachlo...	5.686	4.748f	139.8E6	212.5E6	53.058	55.493m
9)	A Endosulfan I	6.071	5.117f	128.0E6	201.8E6	54.251	57.770m
10)	B gamma-Chl...	5.942	4.997f	136.4E6	222.6E6	54.274	57.762m
11)	B alpha-Chl...	6.021	5.063f	136.5E6	215.2E6	54.533	56.534
12)	B 4,4'-DDE	6.195	5.250f	125.7E6	215.2E6	55.998	58.517m
13)	MA Dieldrin	6.347	5.381f	135.0E6	223.3E6	54.098	57.935m
14)	MA Endrin	6.575	5.657f	113.2E6	196.4E6	52.612m	59.363m
15)	B Endosulfa...	6.796	5.952f	118.7E6	196.1E6	52.203	60.368m
16)	A 4,4'-DDD	6.712	5.807f	101.8E6	174.1E6	57.955	61.506
17)	MA 4,4'-DDT	7.026	6.056f	107.8E6	181.8E6	58.322	60.201
18)	B Endrin al...	6.927	6.131f	93694180	151.3E6	52.799	56.184m
19)	B Endosulfa...	7.162	6.354f	110.9E6	184.3E6	54.946	58.441m
20)	A Methoxychlor	7.502	6.632f	56565991	92148734	56.584	57.248
21)	B Endrin ke...	7.646	6.861f	123.2E6	213.1E6	54.925	58.549
22)	Mirex	8.119	7.040f	93057161	159.8E6	49.797	52.298m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011725\
Data File : PL093679.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 12:41
Operator : AR\AJ
Sample : PB166096BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

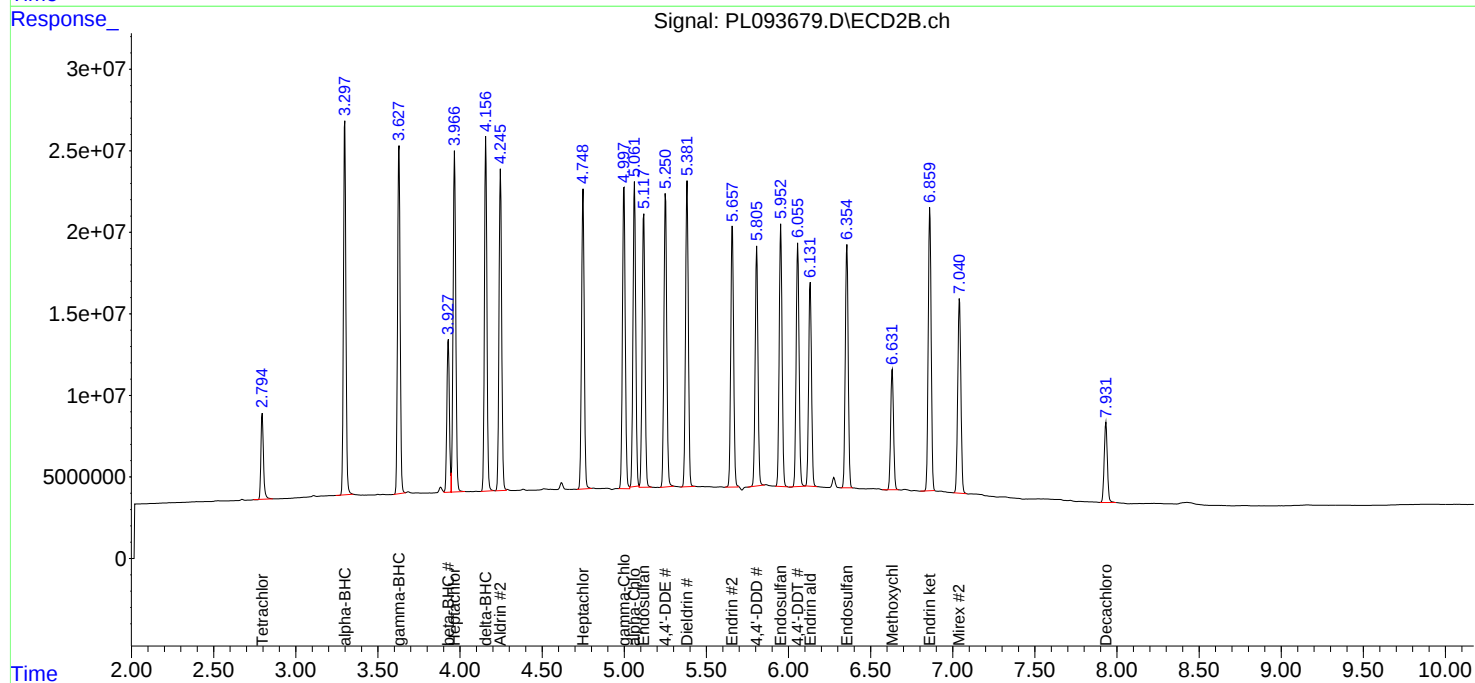
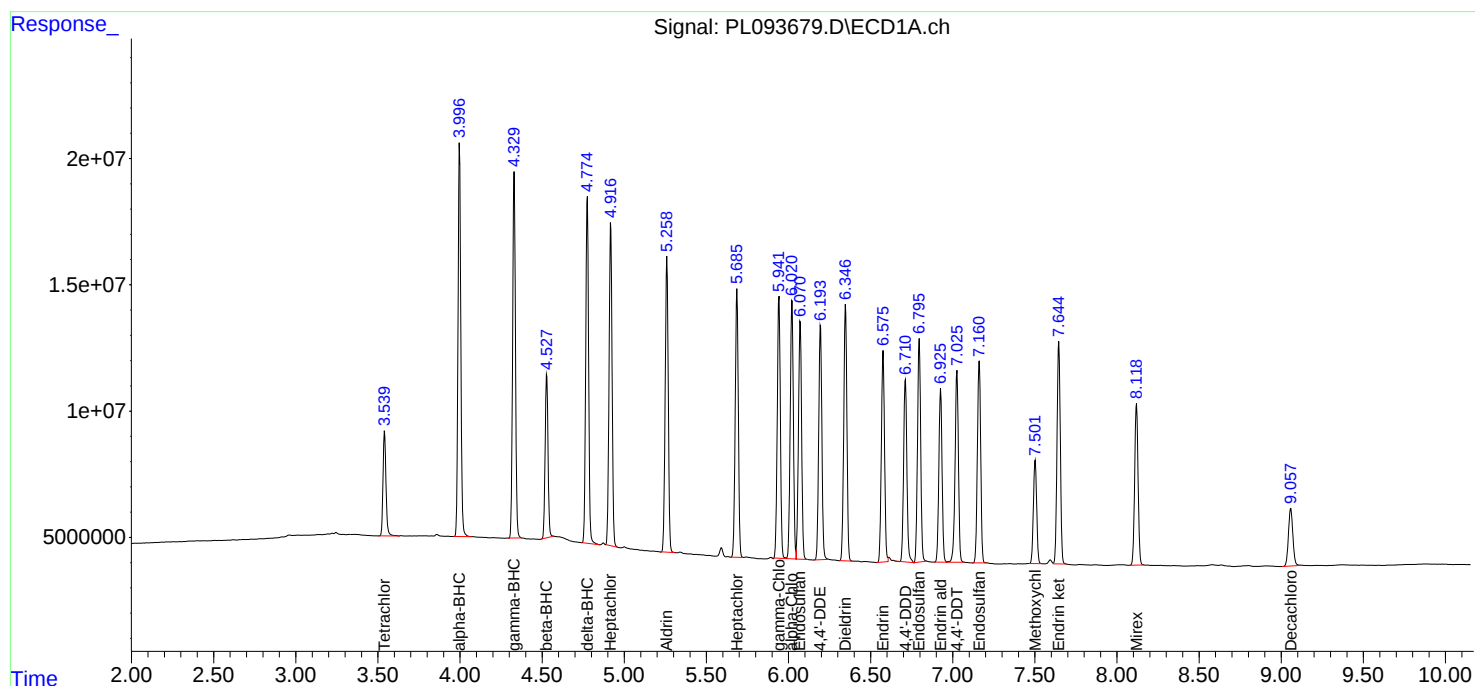
Instrument :
ECD_L
ClientSampleId :
PB166096BS

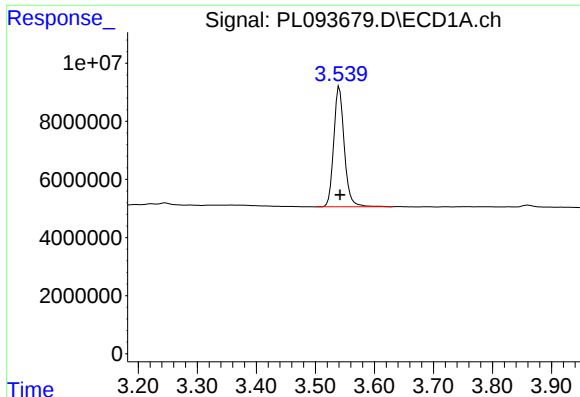
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:53:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response 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





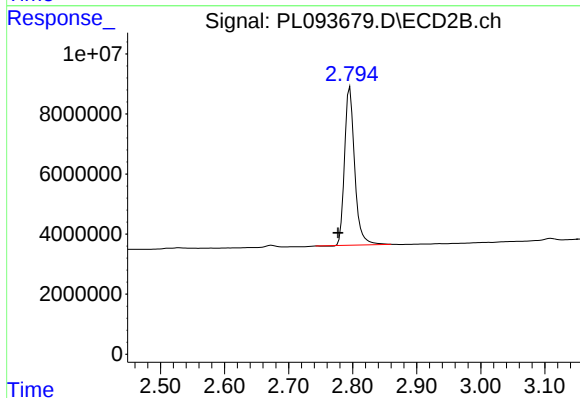
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.001 min
Response: 51553192
Conc: 20.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

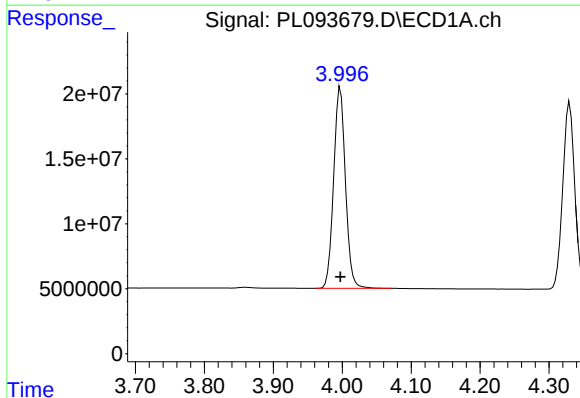
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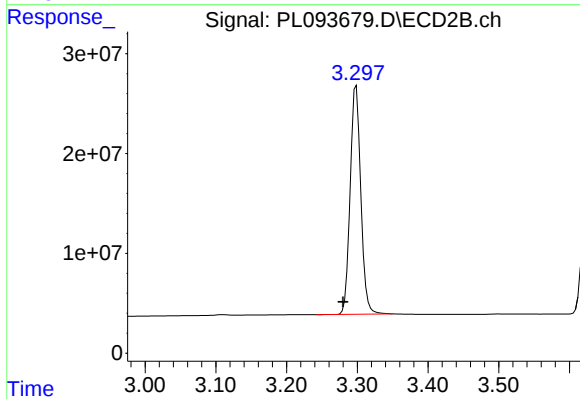
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.018 min
Response: 57482165
Conc: 19.75 ng/ml



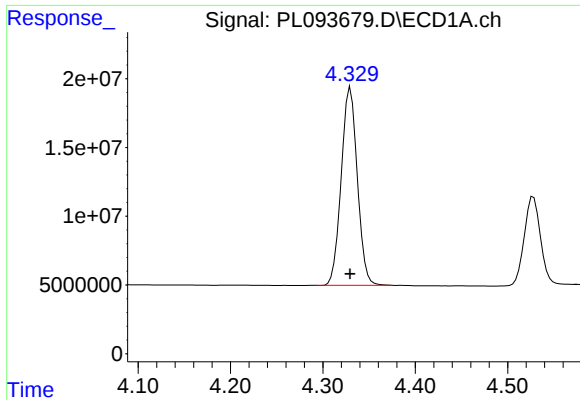
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 183828820
Conc: 53.25 ng/ml



#2 alpha-BHC

R.T.: 3.299 min
Delta R.T.: 0.019 min
Response: 239481251
Conc: 55.09 ng/ml



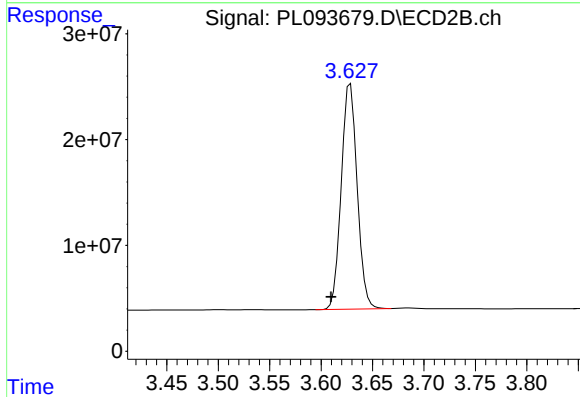
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 174275604
Conc: 53.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

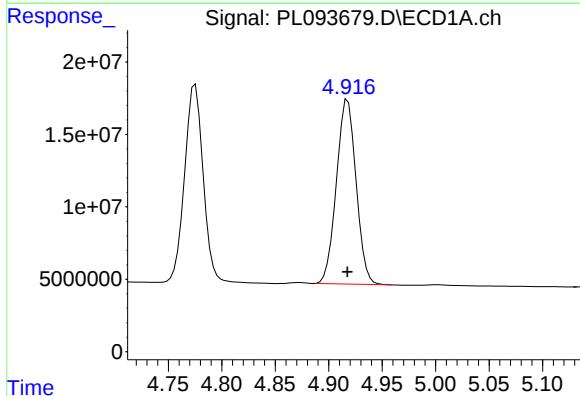
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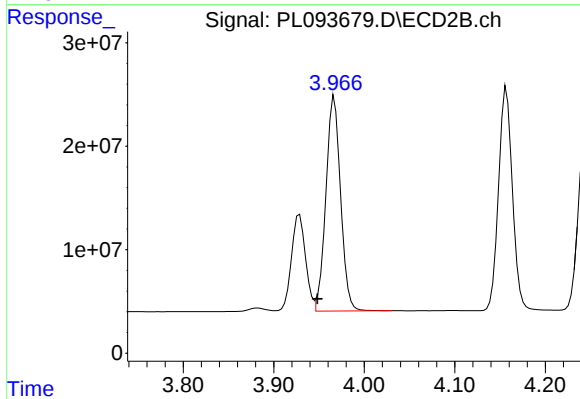
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.017 min
Response: 229573766
Conc: 54.41 ng/ml m



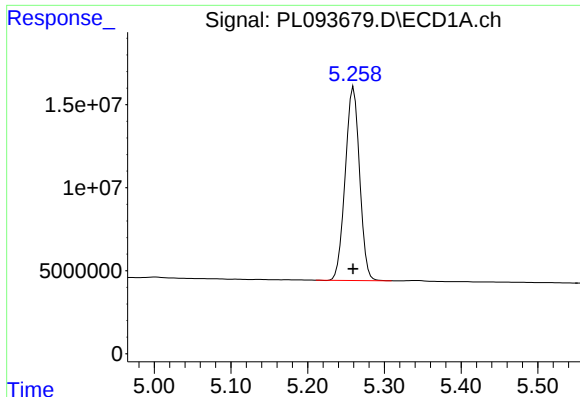
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 163278628
Conc: 55.76 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: 0.019 min
Response: 234638590
Conc: 56.46 ng/ml



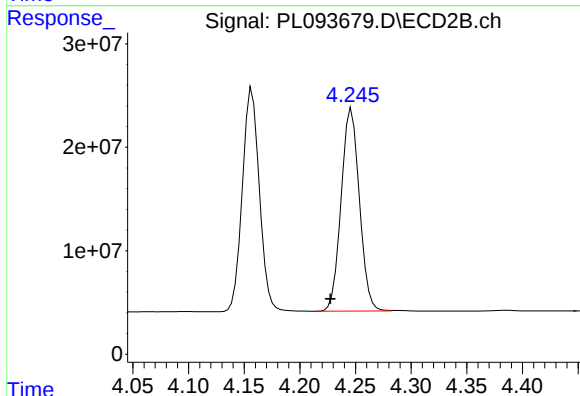
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 152417055
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

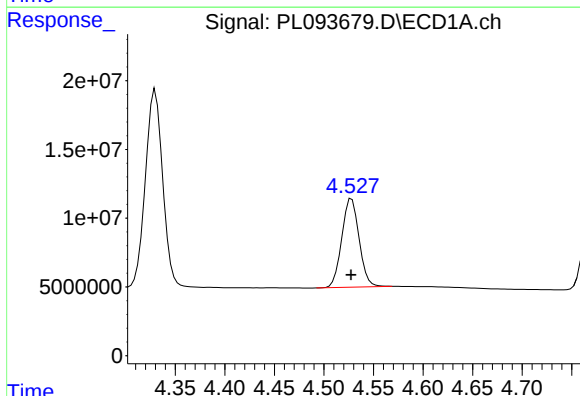
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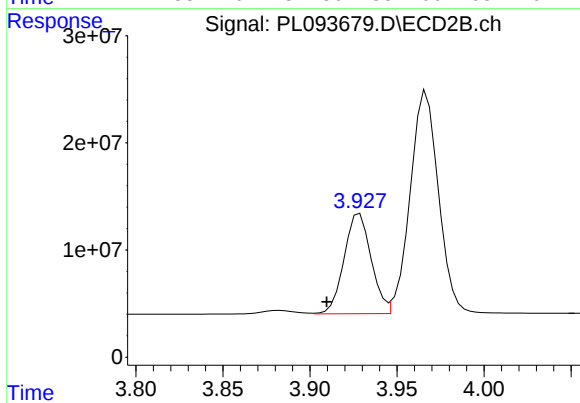
#5 Aldrin

R.T.: 4.245 min
Delta R.T.: 0.017 min
Response: 223780821
Conc: 54.55 ng/ml m



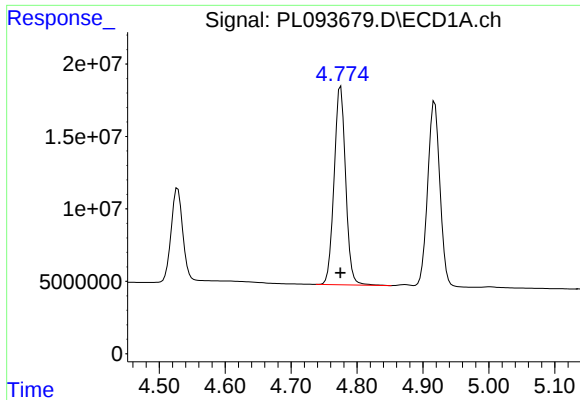
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 78509974
Conc: 54.46 ng/ml



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.019 min
Response: 101024138
Conc: 56.20 ng/ml



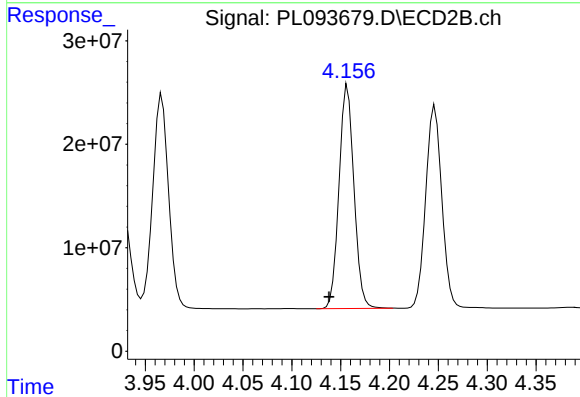
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 166212811
Conc: 54.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

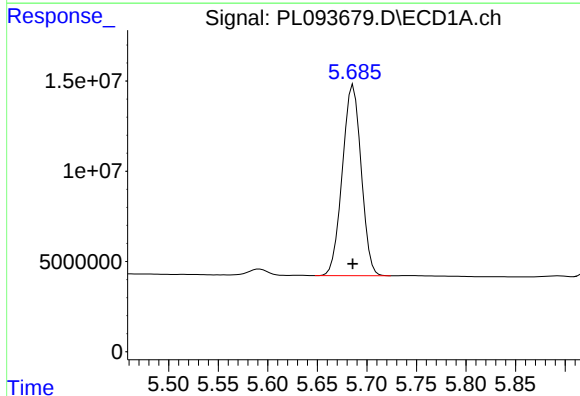
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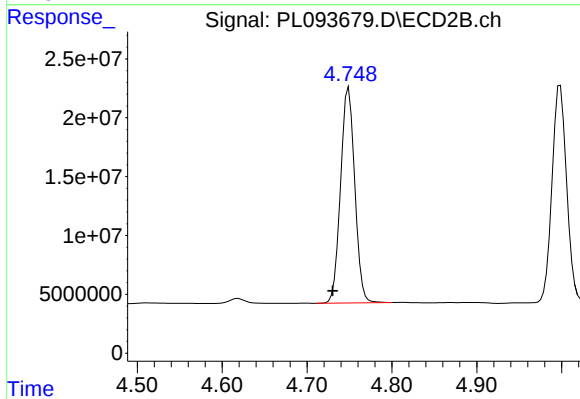
#7 delta-BHC

R.T.: 4.156 min
Delta R.T.: 0.018 min
Response: 230020958
Conc: 54.39 ng/ml m



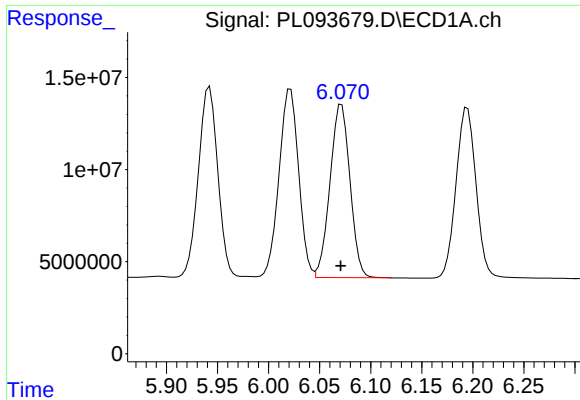
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 139774336
Conc: 53.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: 0.018 min
Response: 212466762
Conc: 55.49 ng/ml m



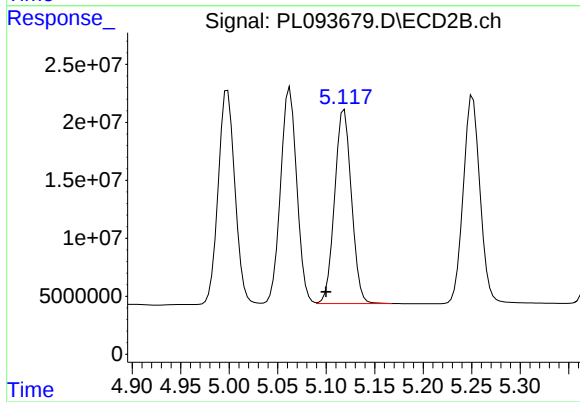
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 127993000
Conc: 54.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

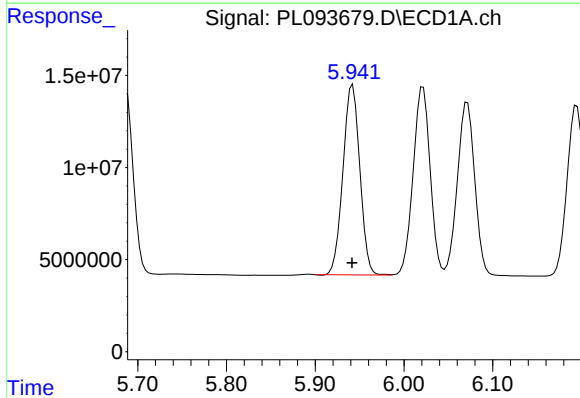
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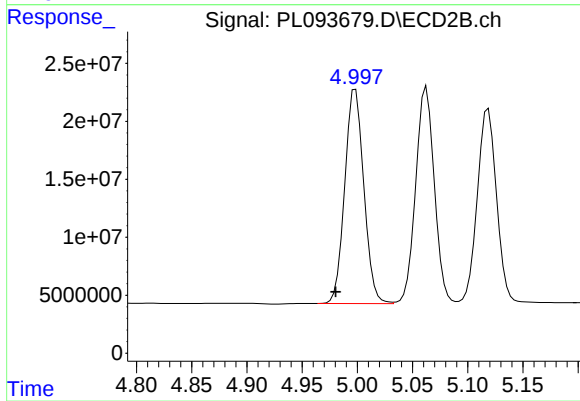
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: 0.017 min
Response: 201844051
Conc: 57.77 ng/ml m



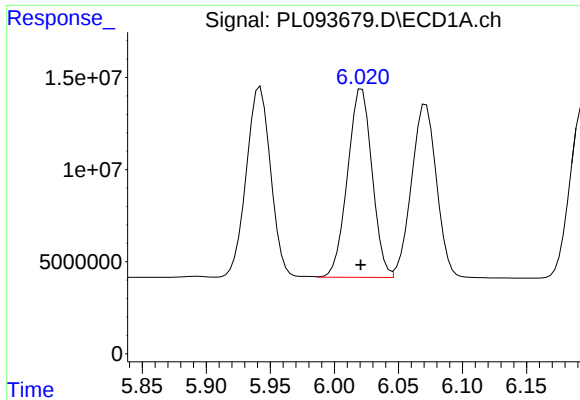
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 136396316
Conc: 54.27 ng/ml



#10 gamma-Chlordane

R.T.: 4.997 min
Delta R.T.: 0.017 min
Response: 222556943
Conc: 57.76 ng/ml m



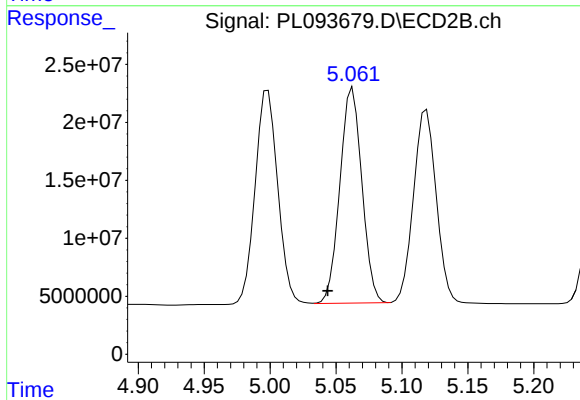
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 136492107
Conc: 54.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

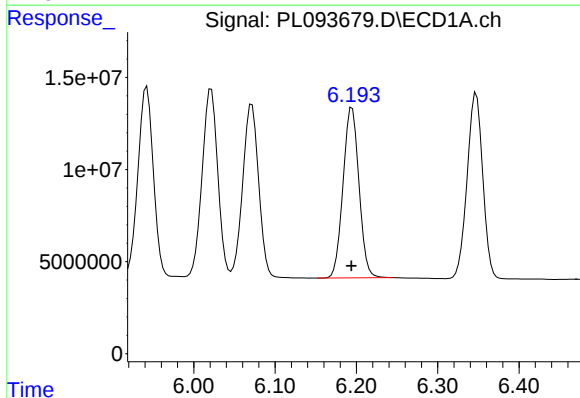
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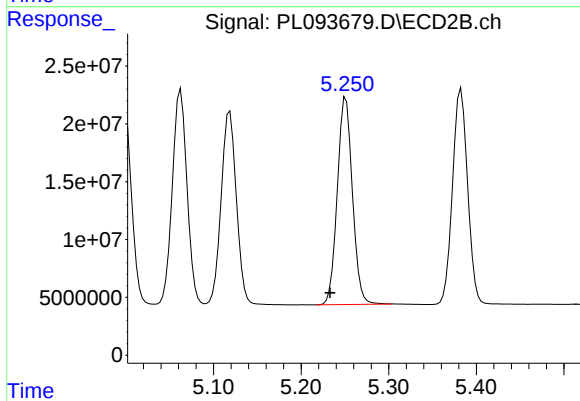
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: 0.019 min
Response: 215249125
Conc: 56.53 ng/ml



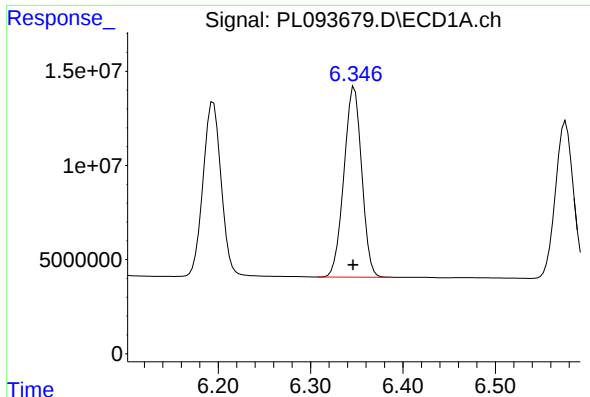
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 125651196
Conc: 56.00 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: 0.017 min
Response: 215182977
Conc: 58.52 ng/ml m



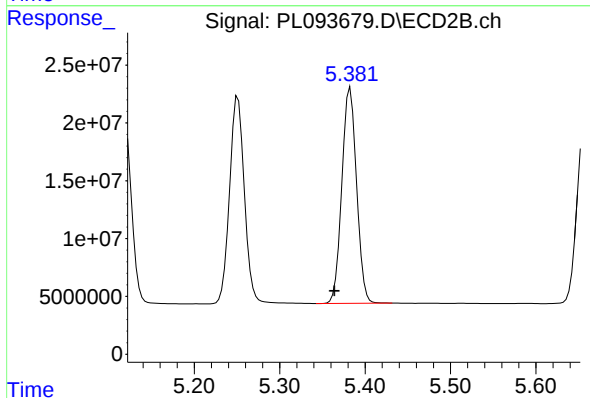
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.001 min
Response: 134978141
Conc: 54.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

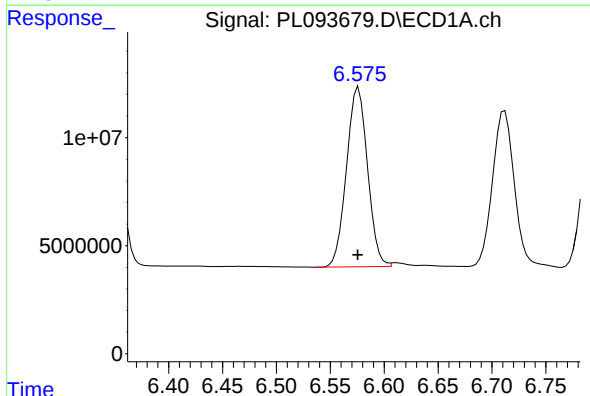
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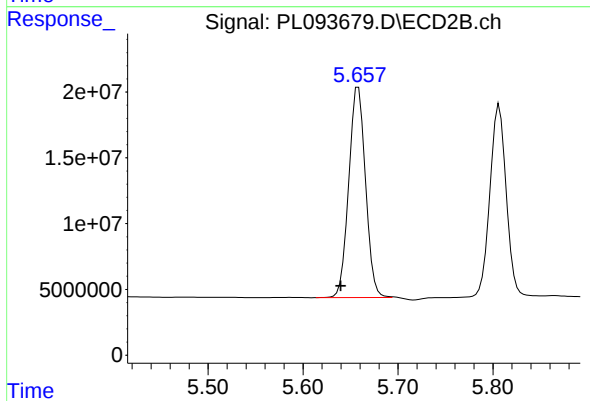
#13 Dieldrin

R.T.: 5.381 min
Delta R.T.: 0.017 min
Response: 223275437
Conc: 57.94 ng/ml m



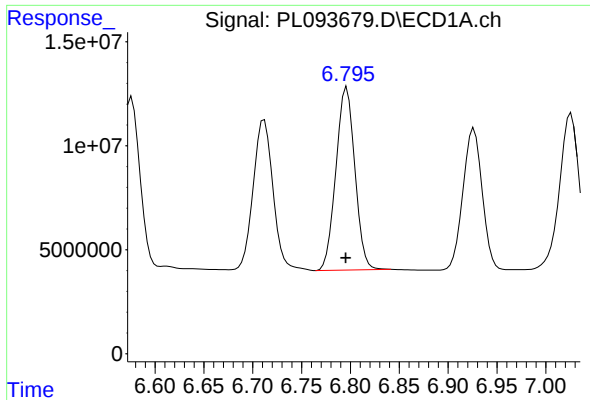
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 113243650
Conc: 52.61 ng/ml m



#14 Endrin

R.T.: 5.657 min
Delta R.T.: 0.017 min
Response: 196393586
Conc: 59.36 ng/ml m



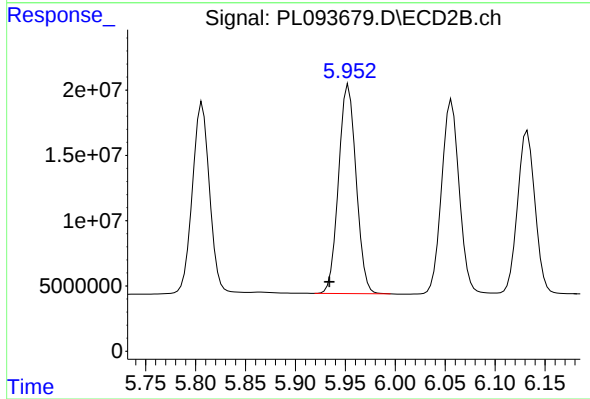
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 118672293
Conc: 52.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

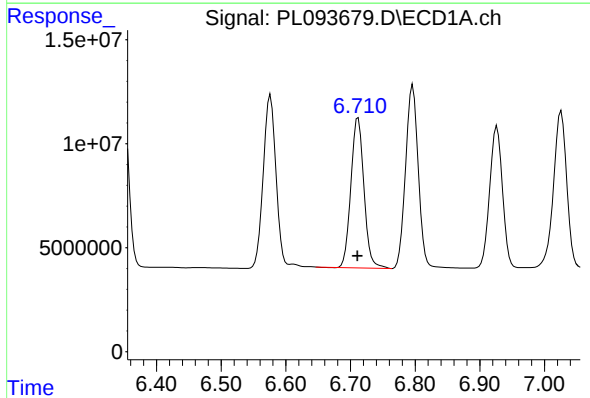
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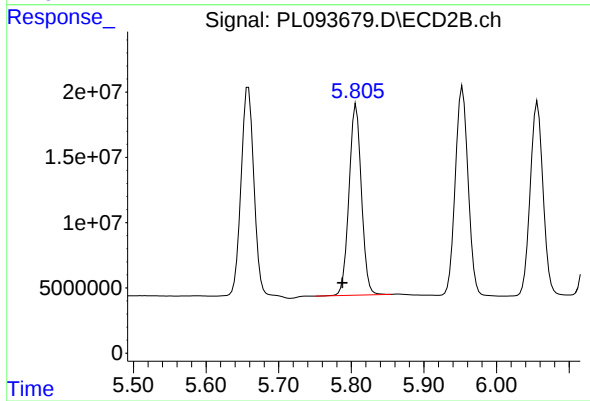
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.018 min
Response: 196131424
Conc: 60.37 ng/ml m



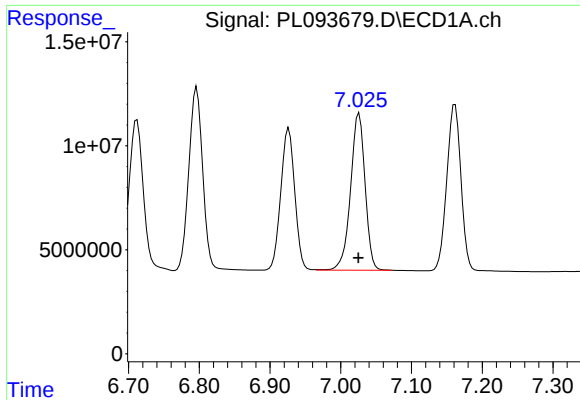
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 101766606
Conc: 57.96 ng/ml



#16 4,4'-DDD

R.T.: 5.807 min
Delta R.T.: 0.019 min
Response: 174071626
Conc: 61.51 ng/ml



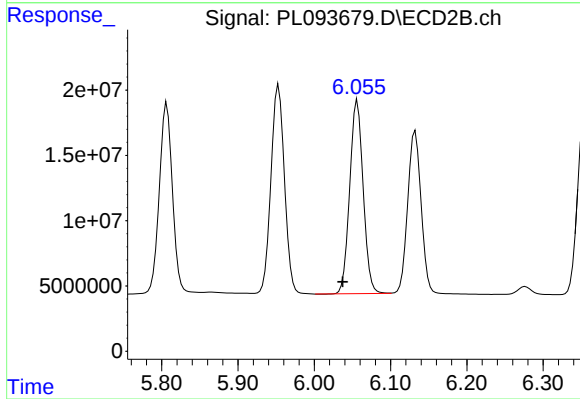
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 107809070
Conc: 58.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

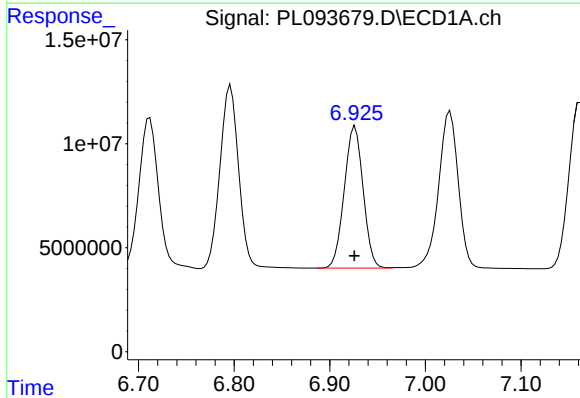
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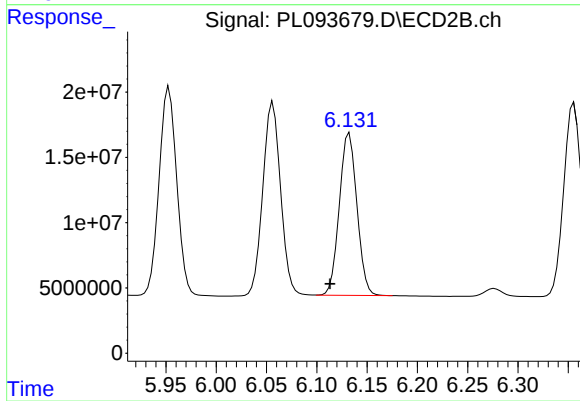
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.019 min
Response: 181826582
Conc: 60.20 ng/ml



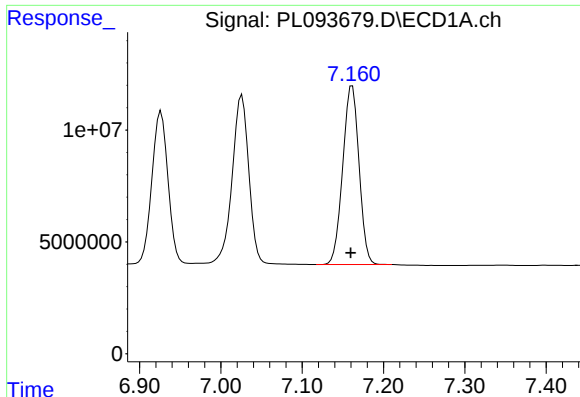
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 93694180
Conc: 52.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.018 min
Response: 151308263
Conc: 56.18 ng/ml m



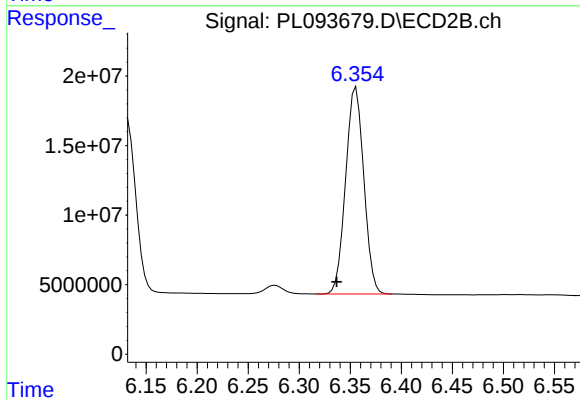
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.002 min
Response: 110937631
Conc: 54.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

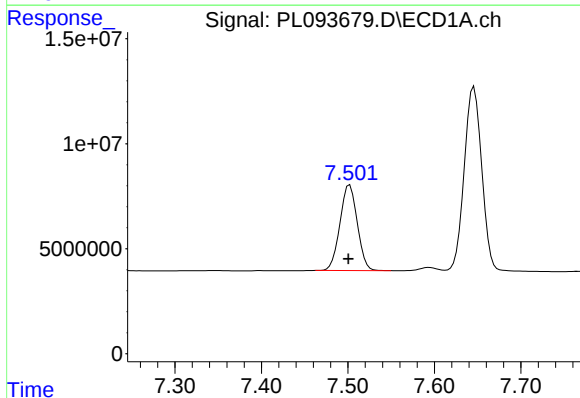
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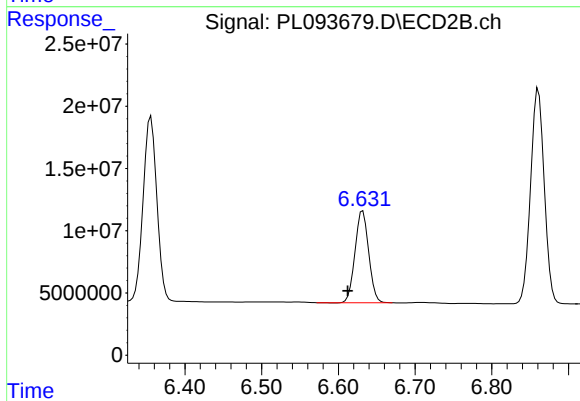
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: 0.018 min
Response: 184347943
Conc: 58.44 ng/ml m



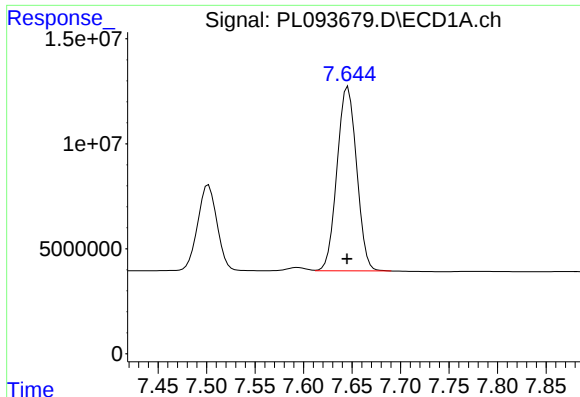
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 56565991
Conc: 56.58 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.020 min
Response: 92148734
Conc: 57.25 ng/ml



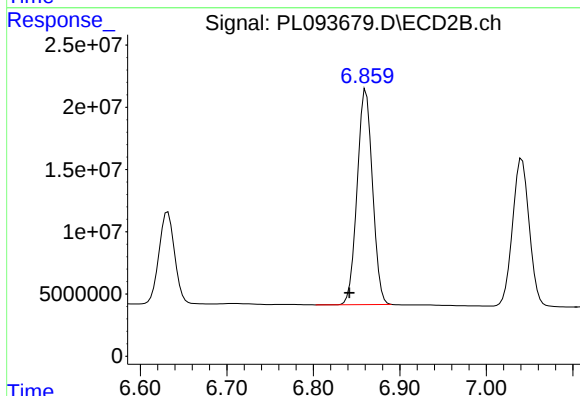
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.001 min
Response: 123243039
Conc: 54.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

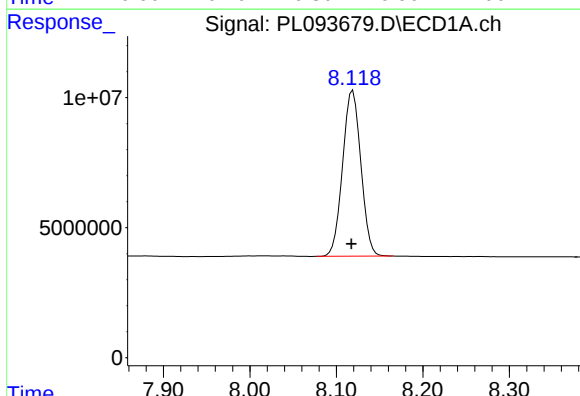
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/20/2025
Supervised By :Ankita Jodhani 01/20/2025



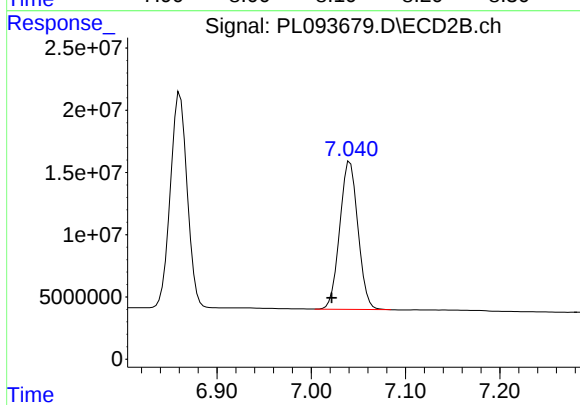
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: 0.019 min
Response: 213142947
Conc: 58.55 ng/ml



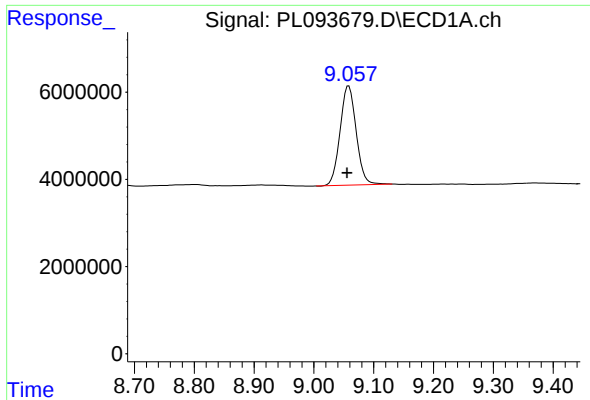
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.002 min
Response: 93057161
Conc: 49.80 ng/ml



#22 Mirex

R.T.: 7.040 min
Delta R.T.: 0.018 min
Response: 159848285
Conc: 52.30 ng/ml m



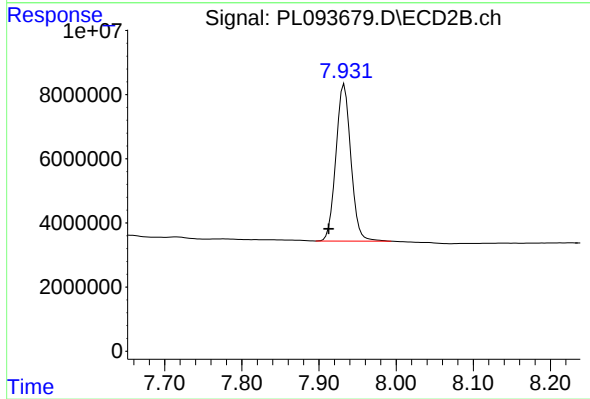
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 42701787
Conc: 23.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: 0.019 min
Response: 66154464
Conc: 22.16 ng/ml m