

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012325\
 Data File : PL093777.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2025 14:32
 Operator : AR\AJ
 Sample : Q1156-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 281MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/24/2025
 Supervised By : Sohil Jodhani 01/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 15:19:23 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	2.776	47605065	61971105	17.679m	18.985
28)	SA Decachlor...	9.056	7.911	33892073	53927689	16.201	15.390
Target Compounds							
2)	A alpha-BHC	3.996	3.278	167.2E6	213.9E6	43.619	43.758
3)	MA gamma-BHC...	4.327	3.608	168.2E6	208.0E6	45.679m	43.867
4)	MA Heptachlor	4.916	3.946	139.1E6	199.9E6	42.434	42.938
5)	MB Aldrin	5.258	4.225	136.2E6	196.3E6	41.634	43.020
6)	B beta-BHC	4.526	3.908	67694069	95139969	42.116m	47.631
7)	B delta-BHC	4.773	4.136	148.3E6	203.8E6	42.320	42.884
8)	B Heptachlo...	5.684	4.728	122.5E6	187.3E6	41.200	44.809
9)	A Endosulfan I	6.070	5.098	113.8E6	141.7E6	43.046	36.552
10)	B gamma-Chl...	5.941	4.978	135.8E6	213.1E6	48.721	50.298
11)	B alpha-Chl...	6.019	5.041	137.7E6	198.6E6	49.391	47.438
12)	B 4,4'-DDE	6.193	5.230	109.3E6	208.3E6	44.905	51.944
13)	MA Dieldrin	6.345	5.362	120.2E6	202.2E6	43.309	47.074
14)	MA Endrin	6.575	5.638	102.1E6	174.1E6	43.523	47.139
15)	B Endosulfa...	6.795	5.932	105.7E6	174.0E6	43.883	46.990
16)	A 4,4'-DDD	6.711	5.785	89721098	150.8E6	47.208	47.778
17)	MA 4,4'-DDT	7.024	6.035	96659595	160.8E6	49.015	49.422
18)	B Endrin al...	6.925	6.112	74431917	115.9E6	38.287	38.072
19)	B Endosulfa...	7.160	6.335	98854176	160.8E6	43.669	45.084
20)	A Methoxychlor	7.501	6.610	45198519	74921206	43.319	41.899
21)	B Endrin ke...	7.645	6.840	113.3E6	182.5E6	44.912	43.500
22)	Mirex	8.117	7.020	86554824	141.8E6	41.563	41.941

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012325\
Data File : PL093777.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2025 14:32
Operator : AR\AJ
Sample : Q1156-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

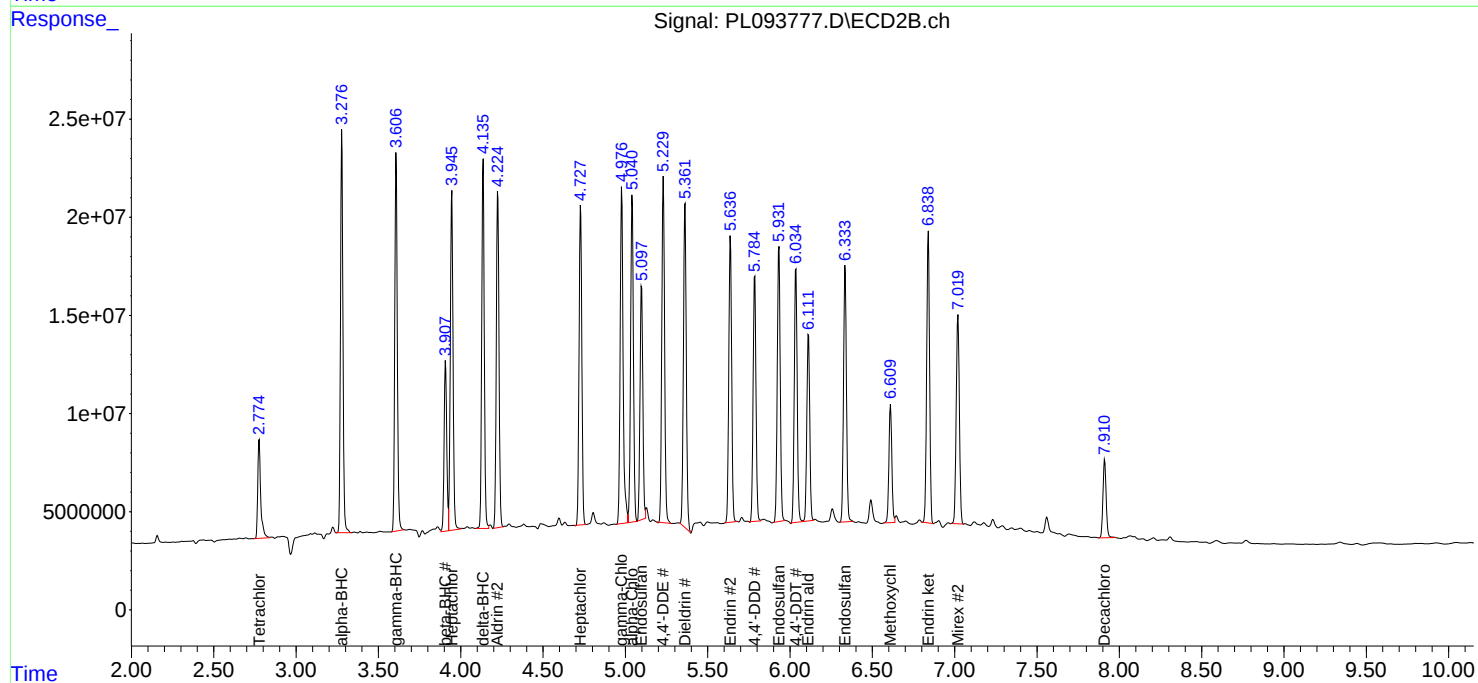
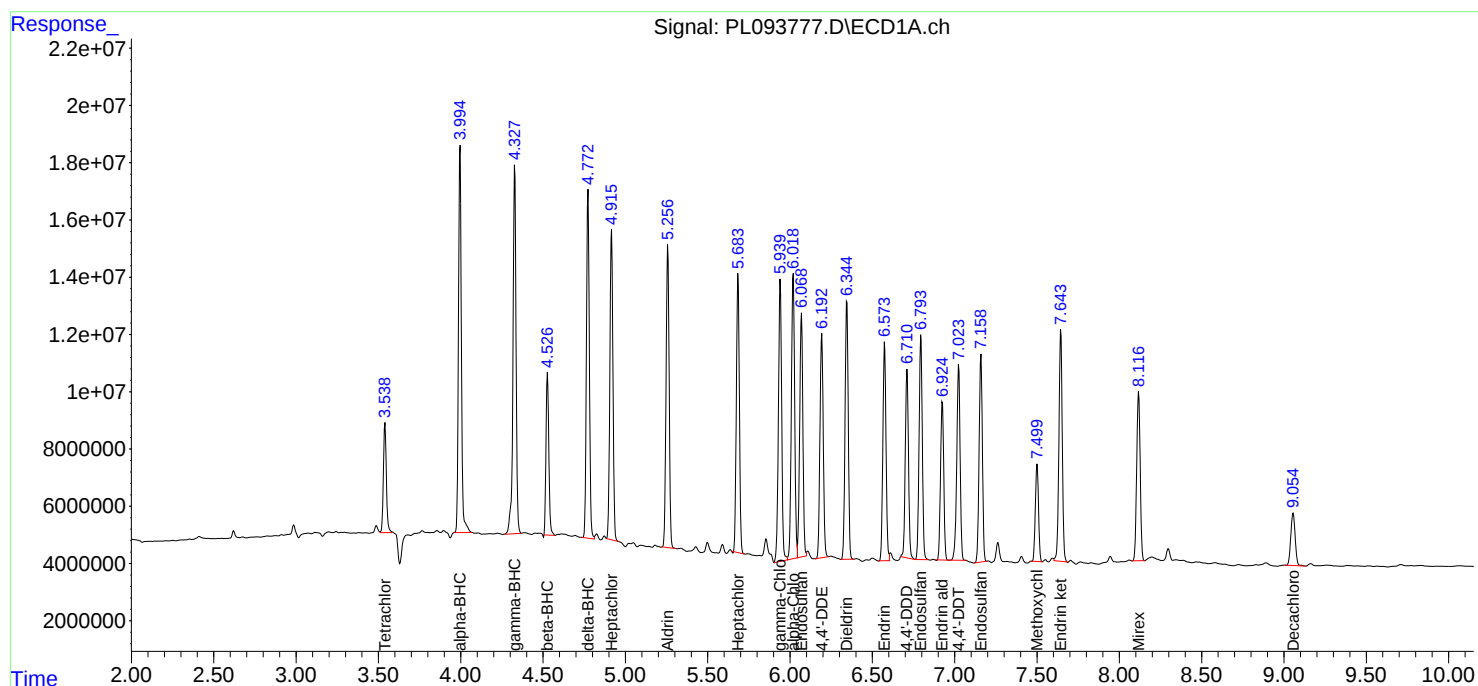
Instrument :
ECD_L
ClientSampleId :
281MSD

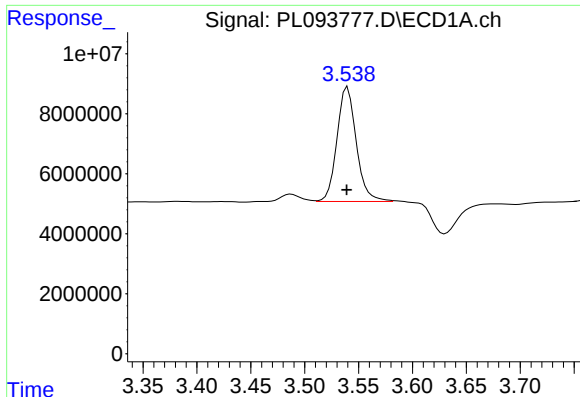
Manual Integrations
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Supervised By : Sohil Jodhani 01/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 23 15:19:23 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





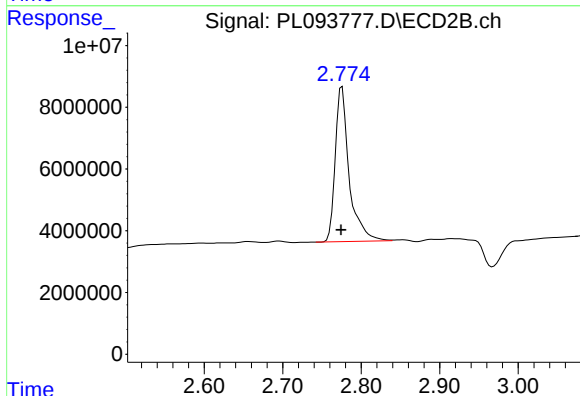
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 47605065
Conc: 17.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MSD

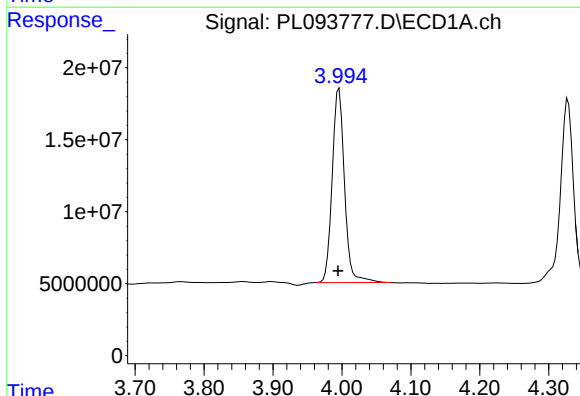
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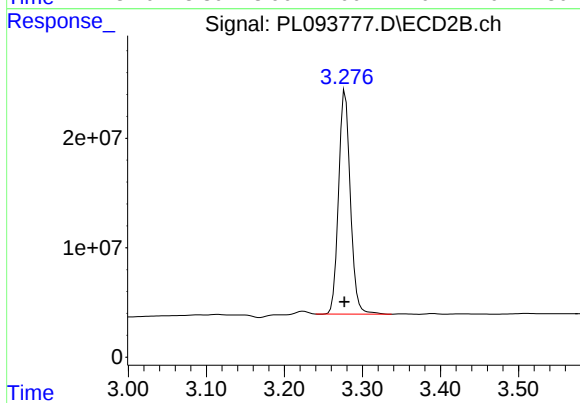
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.001 min
Response: 61971105
Conc: 18.99 ng/ml



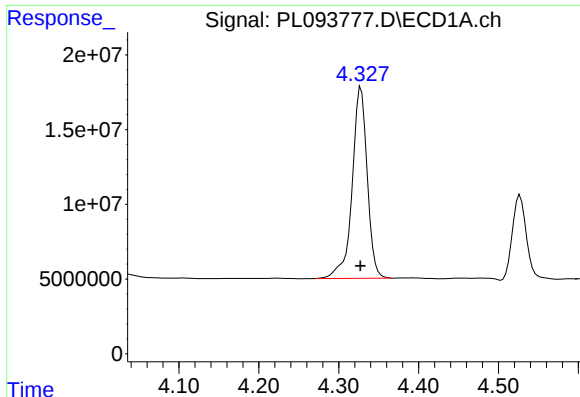
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.001 min
Response: 167227680
Conc: 43.62 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 213929728
Conc: 43.76 ng/ml



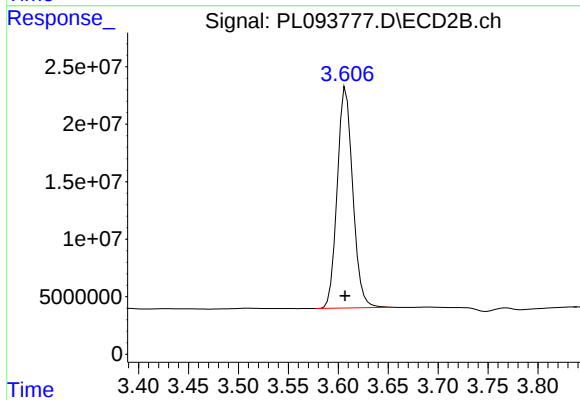
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 168228203
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MSD

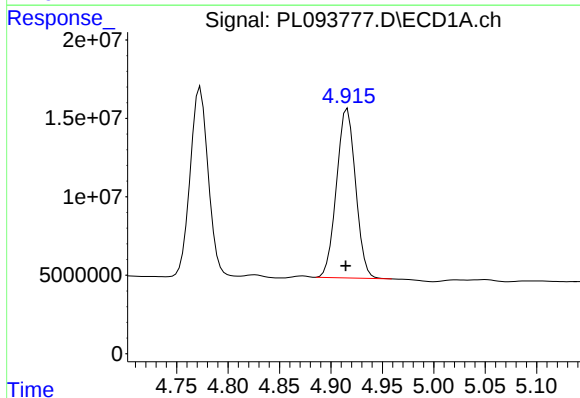
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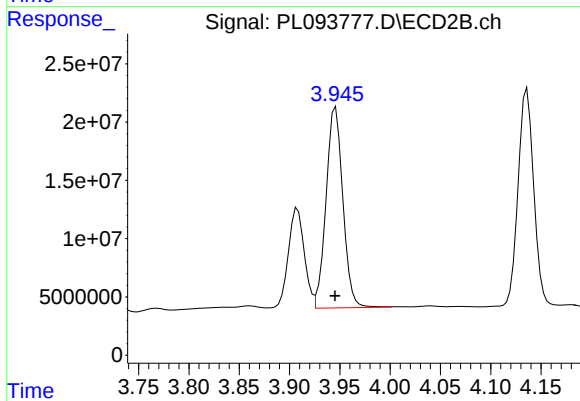
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.000 min
Response: 207981142
Conc: 43.87 ng/ml



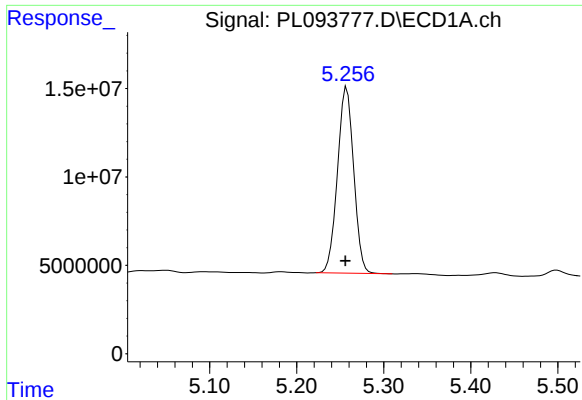
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.002 min
Response: 139071505
Conc: 42.43 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 199866918
Conc: 42.94 ng/ml



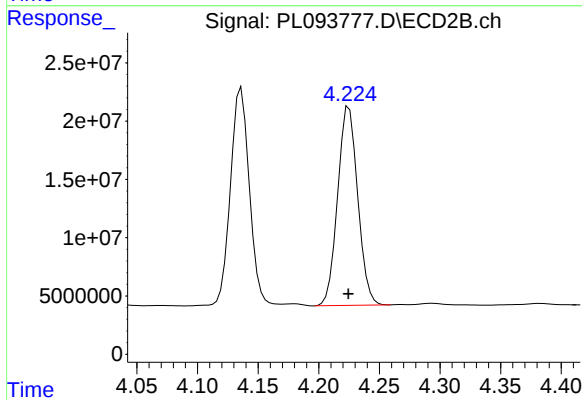
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.002 min
Response: 136224121
Conc: 41.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MSD

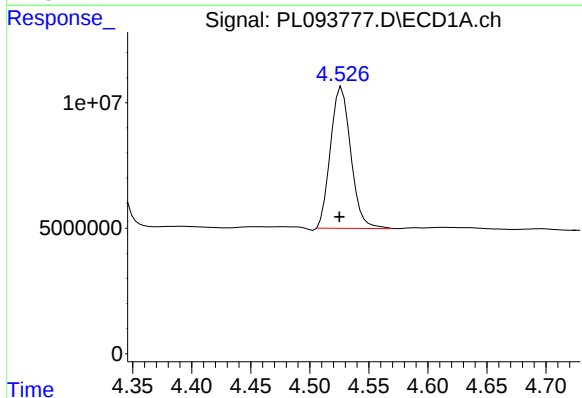
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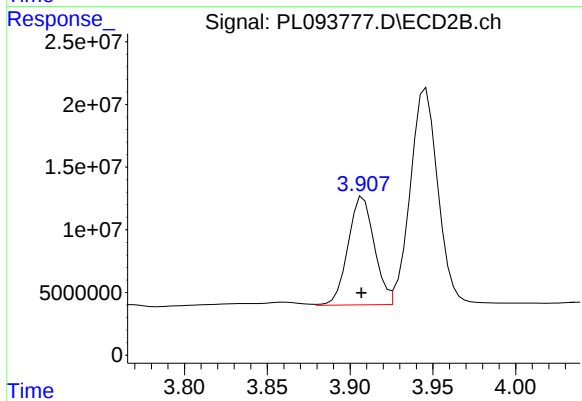
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 196250536
Conc: 43.02 ng/ml



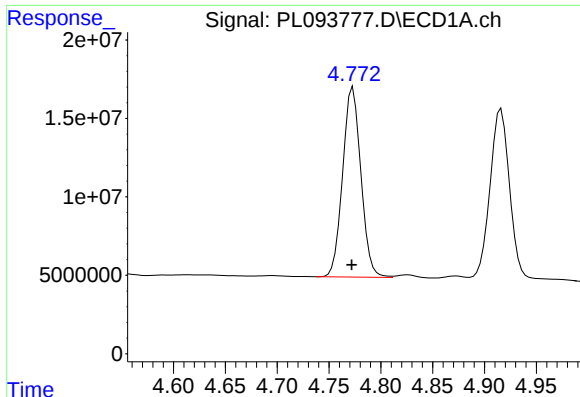
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 67694069
Conc: 42.12 ng/ml m



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.001 min
Response: 95139969
Conc: 47.63 ng/ml



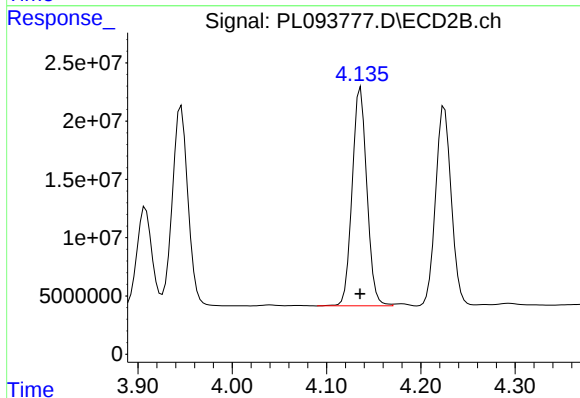
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.001 min
Response: 148345097
Conc: 42.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MSD

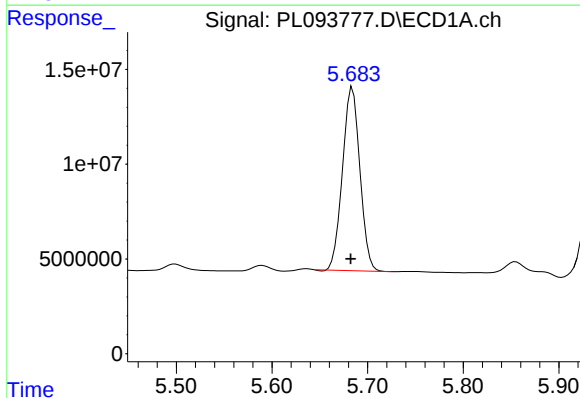
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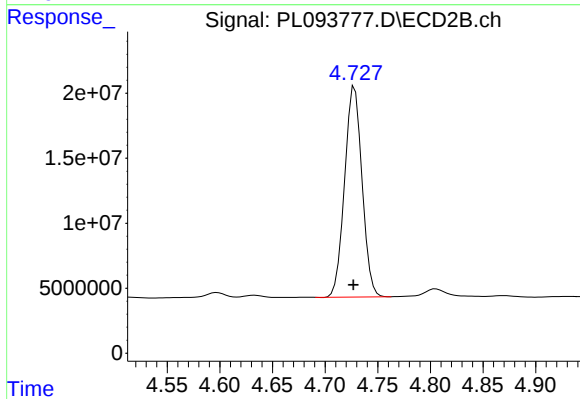
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 203750528
Conc: 42.88 ng/ml



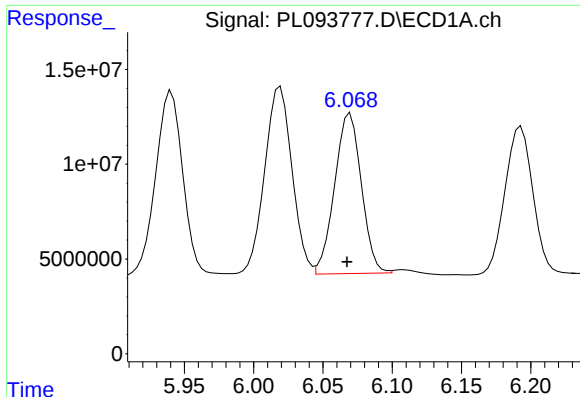
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.002 min
Response: 122521131
Conc: 41.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: 0.001 min
Response: 187314320
Conc: 44.81 ng/ml



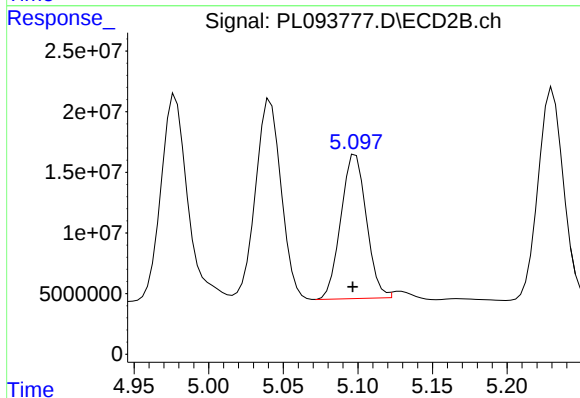
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 113764840
Conc: 43.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MSD

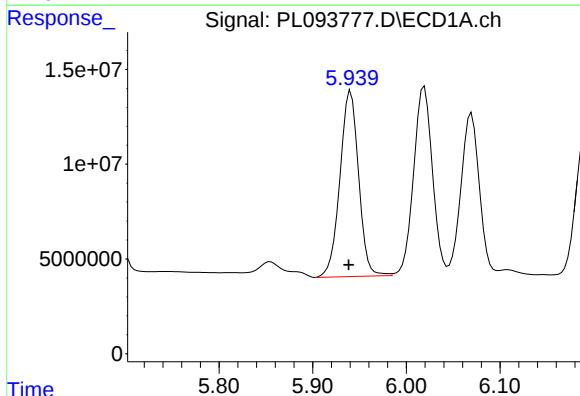
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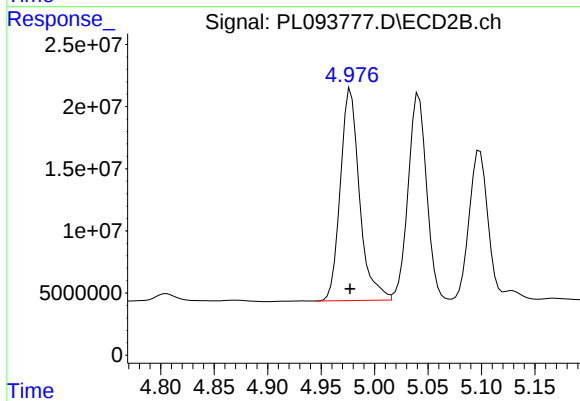
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: 0.002 min
Response: 141709220
Conc: 36.55 ng/ml



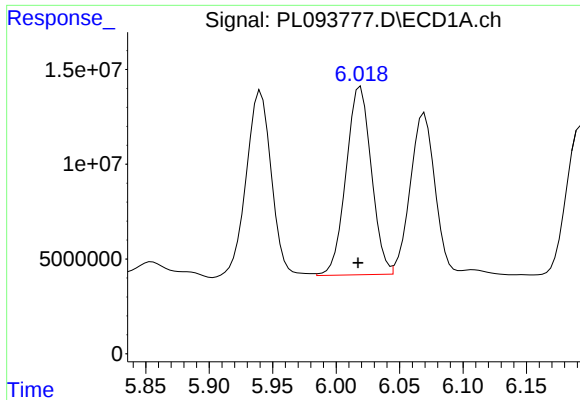
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.002 min
Response: 135803153
Conc: 48.72 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 213145495
Conc: 50.30 ng/ml



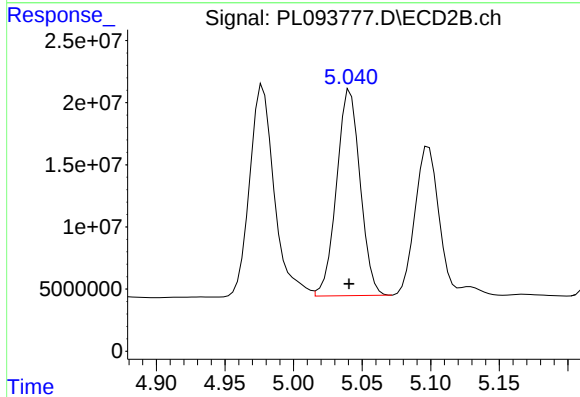
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.002 min
Response: 137721920
Conc: 49.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MSD

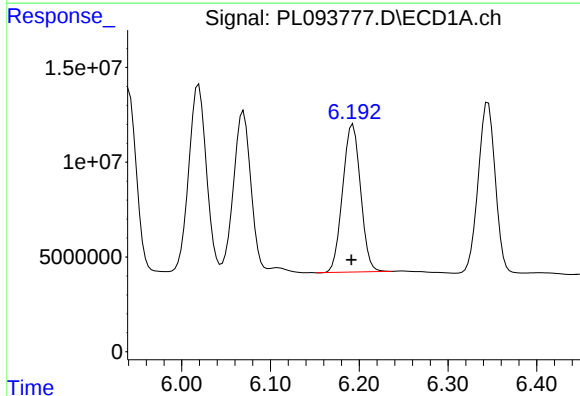
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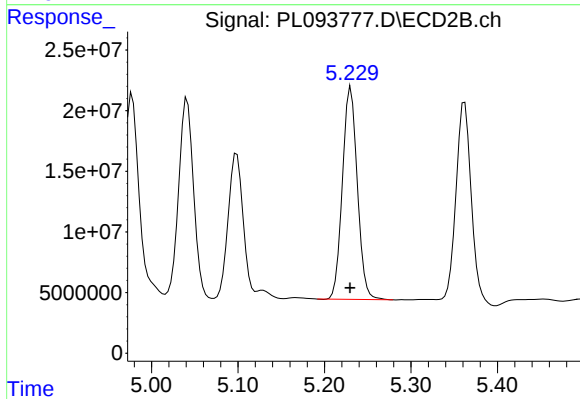
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 198603353
Conc: 47.44 ng/ml



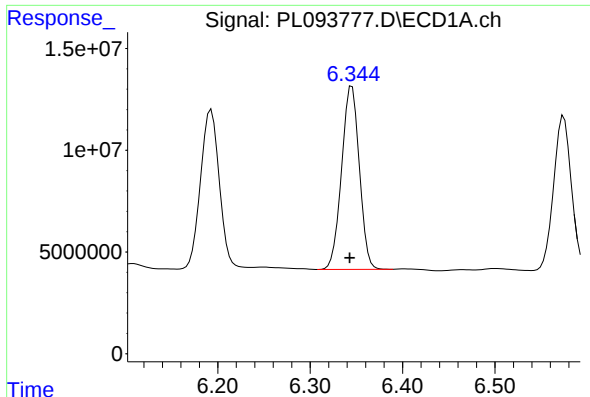
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.002 min
Response: 109325791
Conc: 44.91 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 208266411
Conc: 51.94 ng/ml



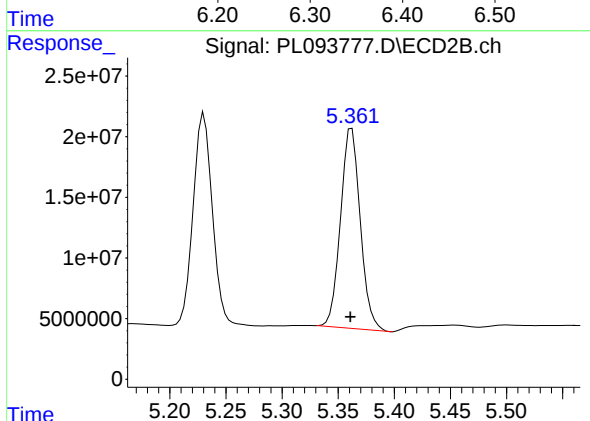
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 120219999
Conc: 43.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MSD

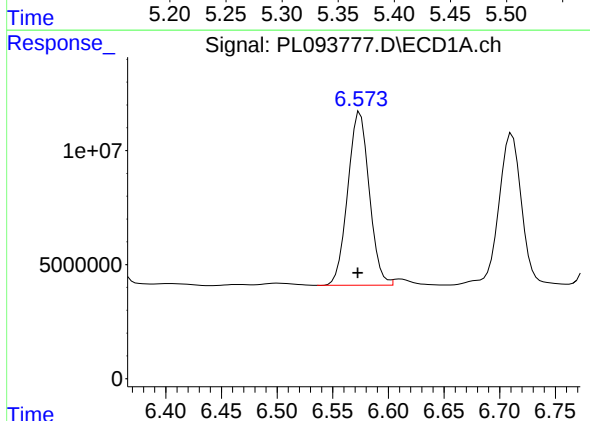
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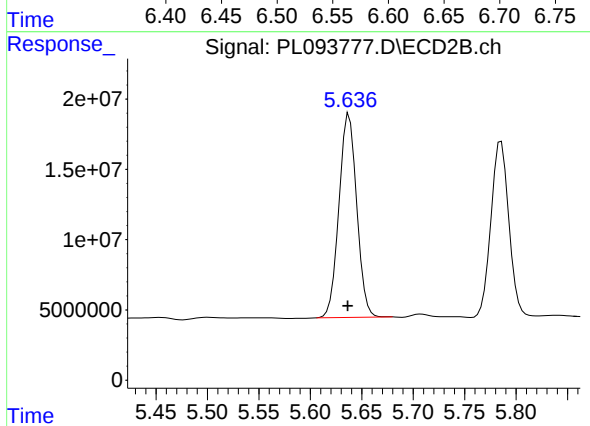
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: 0.001 min
Response: 202213988
Conc: 47.07 ng/ml



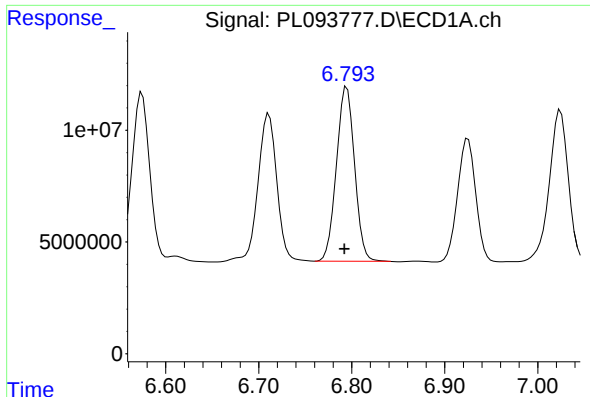
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.002 min
Response: 102053347
Conc: 43.52 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.001 min
Response: 174069194
Conc: 47.14 ng/ml



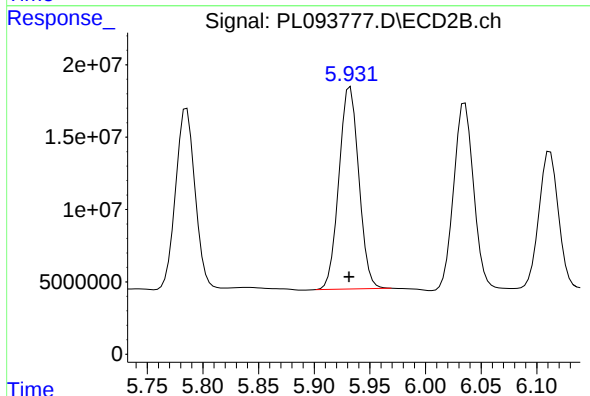
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.003 min
Response: 105728932
Conc: 43.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MSD

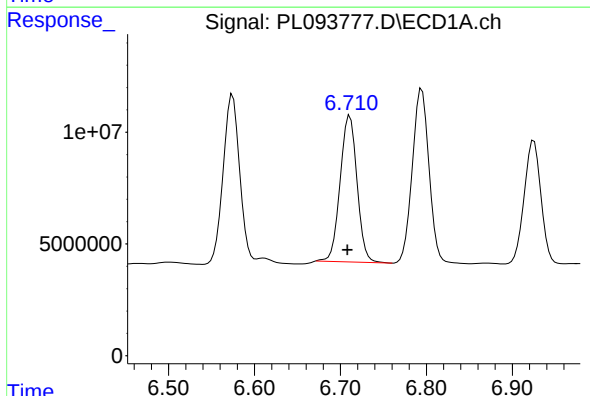
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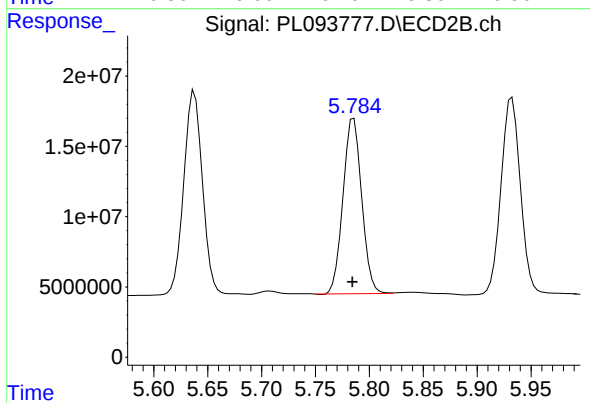
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.001 min
Response: 174041287
Conc: 46.99 ng/ml



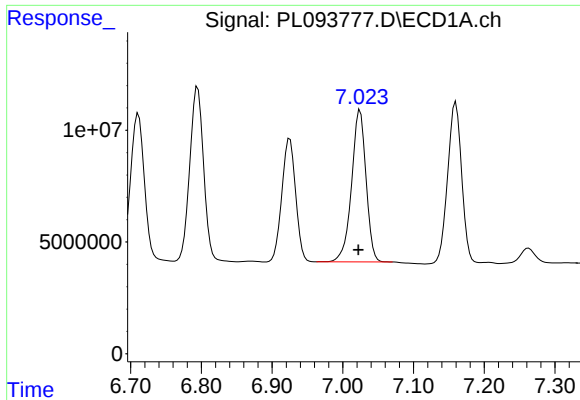
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.003 min
Response: 89721098
Conc: 47.21 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.001 min
Response: 150811764
Conc: 47.78 ng/ml



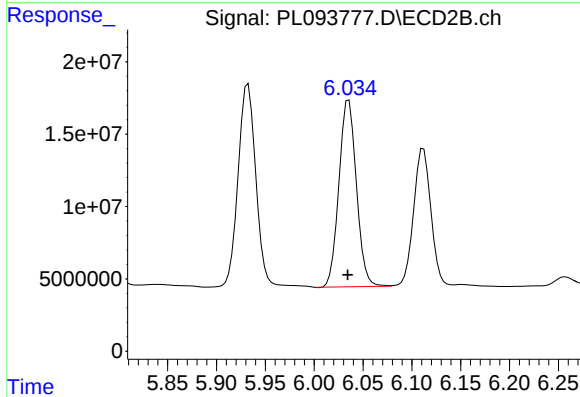
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 96659595
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MSD

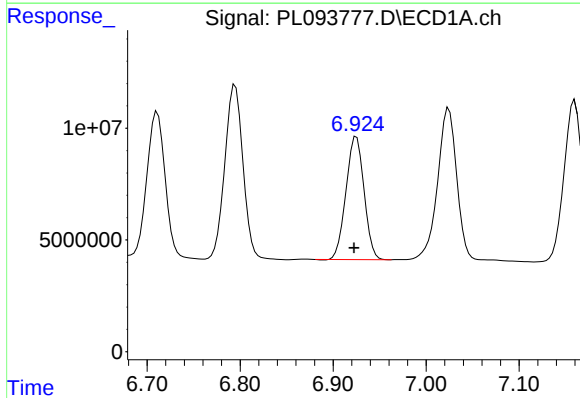
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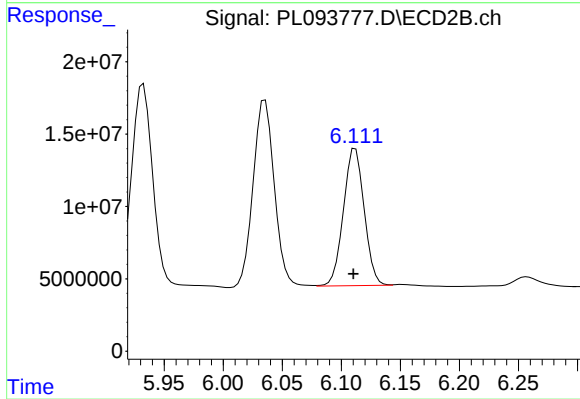
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.001 min
Response: 160821200
Conc: 49.42 ng/ml



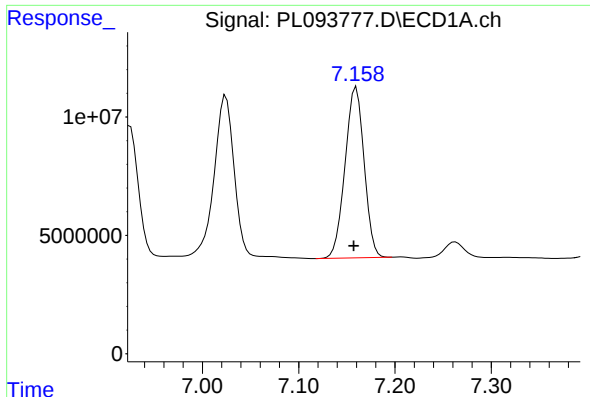
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 74431917
Conc: 38.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 115914540
Conc: 38.07 ng/ml



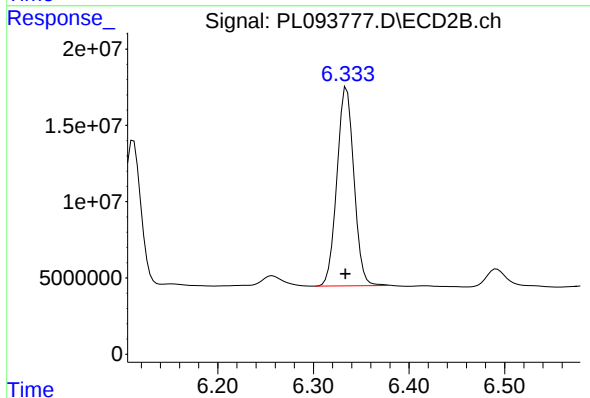
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.003 min
Response: 98854176
Conc: 43.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MSD

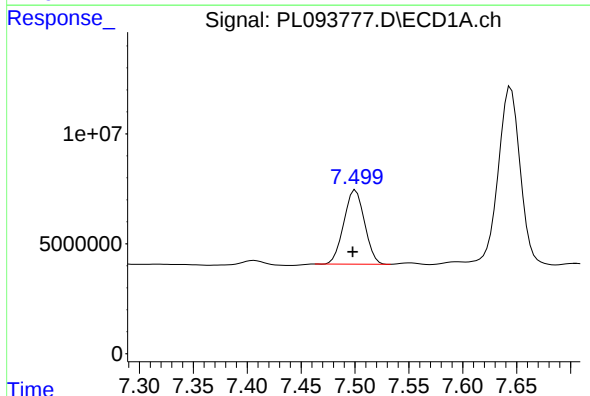
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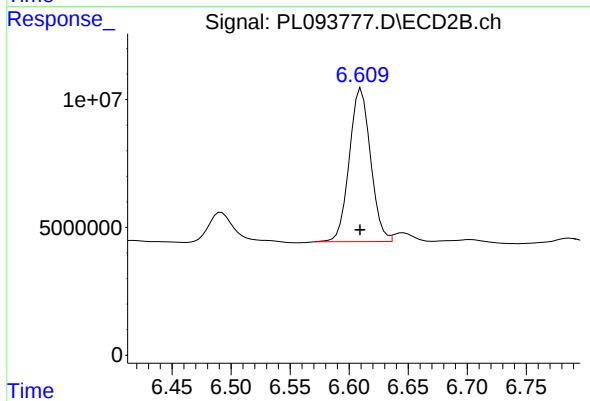
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: 0.001 min
Response: 160774759
Conc: 45.08 ng/ml



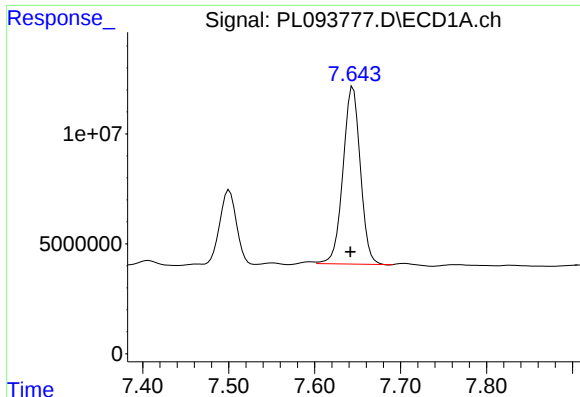
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 45198519
Conc: 43.32 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 74921206
Conc: 41.90 ng/ml



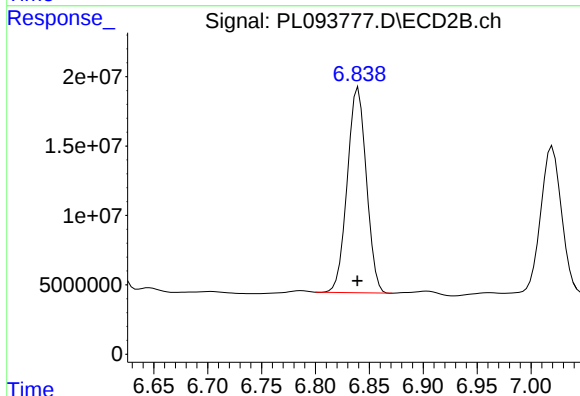
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 113296112
Conc: 44.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MSD

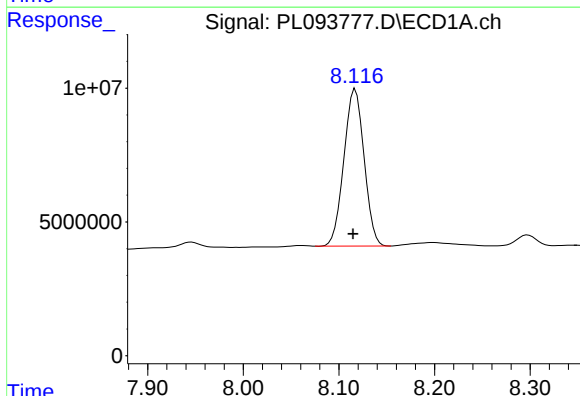
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/24/2025
Supervised By :Sohil Jodhani 01/24/2025



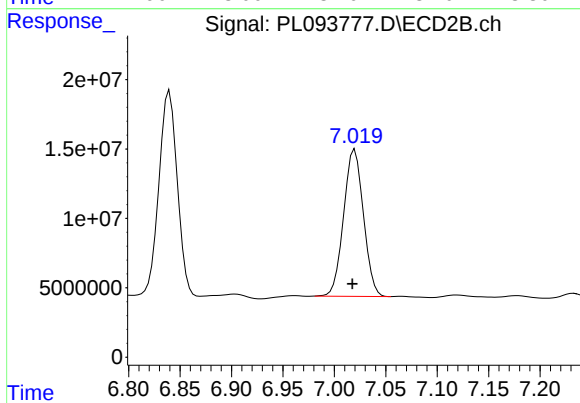
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 182492576
Conc: 43.50 ng/ml



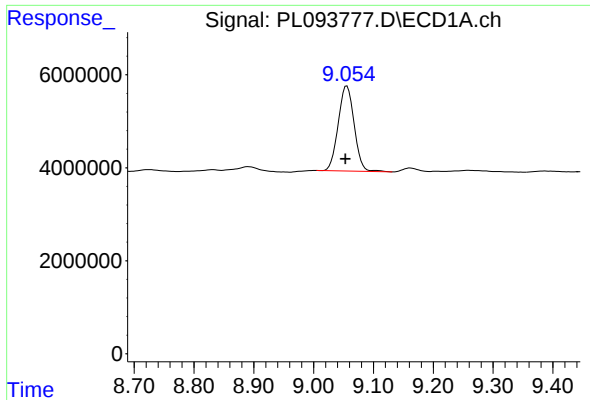
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.003 min
Response: 86554824
Conc: 41.56 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 141838309
Conc: 41.94 ng/ml



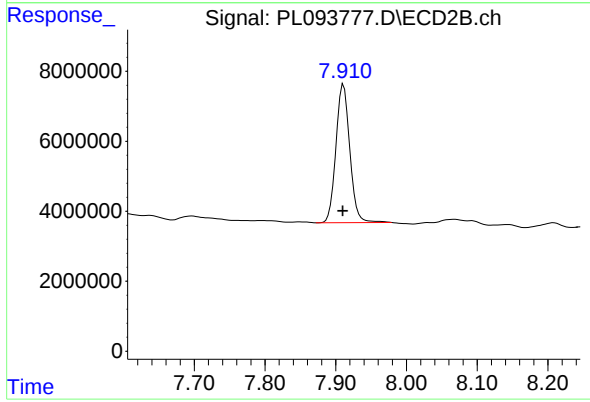
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.003 min
Response: 33892073
Conc: 16.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MSD

Manual Integrations
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Supervised By :Sohil Jodhani 01/24/2025



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.001 min
Response: 53927689
Conc: 15.39 ng/ml