

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
 Data File : PL094668.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2025 12:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/14/2025
 Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 14:34:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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	2.768	130.5E6	182.2E6	46.114	51.044
28)	SA Decachlor...	9.056	7.904	112.7E6	213.4E6	53.482m	52.821
Target Compounds							
2)	A alpha-BHC	3.997	3.271	189.2E6	274.1E6	45.574	50.841
3)	MA gamma-BHC...	4.330	3.600	180.1E6	256.9E6	45.136	49.987
4)	MA Heptachlor	4.918	3.938	173.5E6	259.1E6	44.700	49.185
5)	MB Aldrin	5.259	4.218	163.4E6	241.5E6	44.264	49.519
6)	B beta-BHC	4.529	3.901	82295079	112.2E6	44.599	50.503
7)	B delta-BHC	4.776	4.129	181.6E6	255.8E6	46.638	51.150
8)	B Heptachlo...	5.686	4.721	148.7E6	228.4E6	44.438	49.884
9)	A Endosulfan I	6.072	5.090	139.6E6	219.1E6	45.456	49.920
10)	B gamma-Chl...	5.942	4.971	151.7E6	242.4E6	45.022	50.209
11)	B alpha-Chl...	6.021	5.034	148.5E6	238.0E6	45.031	49.874
12)	B 4,4'-DDE	6.196	5.224	146.5E6	243.2E6	49.801	52.321
13)	MA Dieldrin	6.347	5.355	146.4E6	248.0E6	45.777	51.118
14)	MA Endrin	6.576	5.631	124.4E6	223.9E6	44.880	51.301
15)	B Endosulfa...	6.796	5.926	126.8E6	218.1E6	46.697	50.381
16)	A 4,4'-DDD	6.712	5.779	111.3E6	195.3E6	51.374	54.321
17)	MA 4,4'-DDT	7.026	6.029	123.2E6	220.3E6	51.795	54.647
18)	B Endrin al...	6.926	6.105	99458764	169.1E6	47.115	50.258
19)	B Endosulfa...	7.161	6.328	118.4E6	211.6E6	48.704	51.937
20)	A Methoxychlor	7.503	6.604	66153984	118.5E6	55.263	55.856
21)	B Endrin ke...	7.646	6.832	134.2E6	245.5E6	50.786	51.448m
22)	Mirex	8.118	7.013	100.8E6	193.4E6	48.800	50.965

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

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Data File : PL094668.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2025 12:24
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

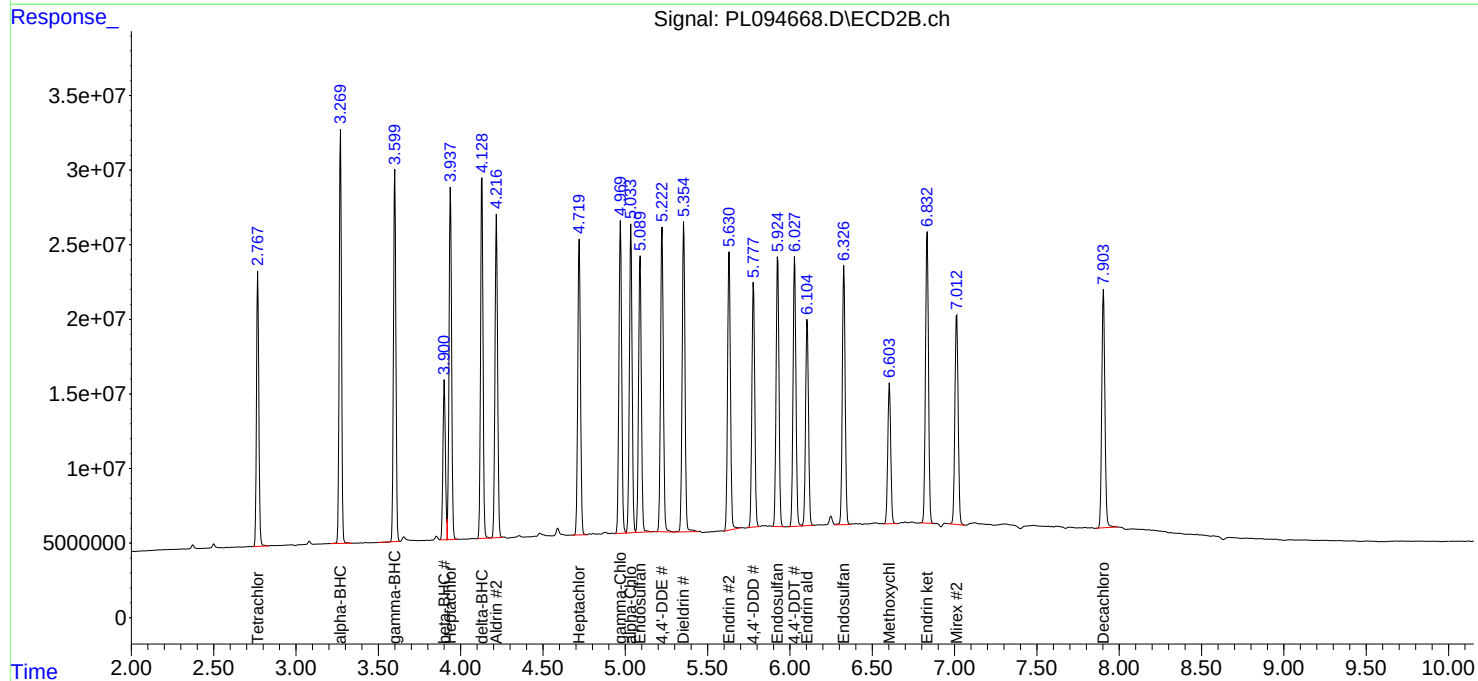
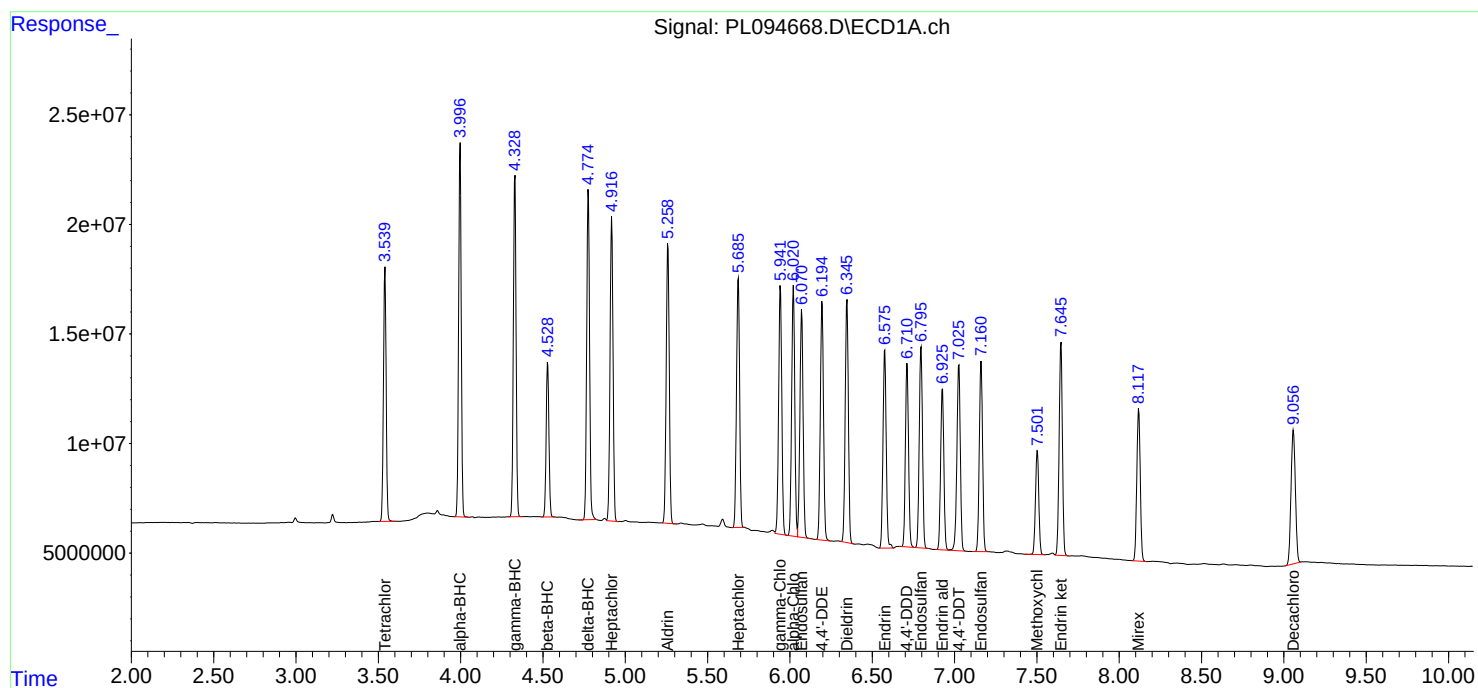
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

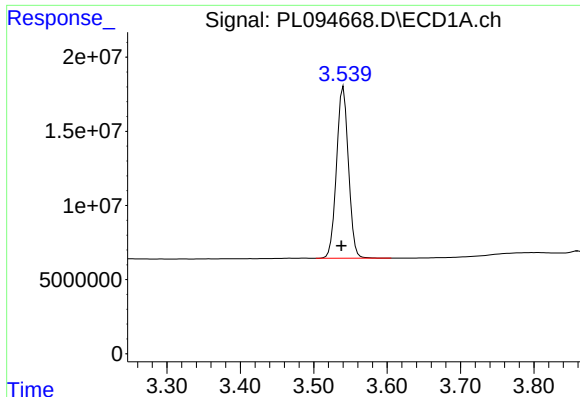
Manual Integrations
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Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 14:34:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





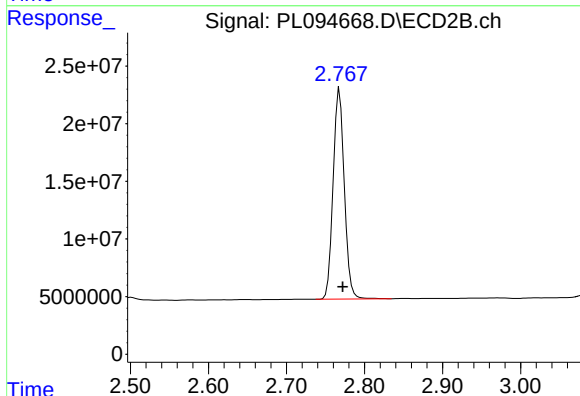
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.003 min
Response: 130532433
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

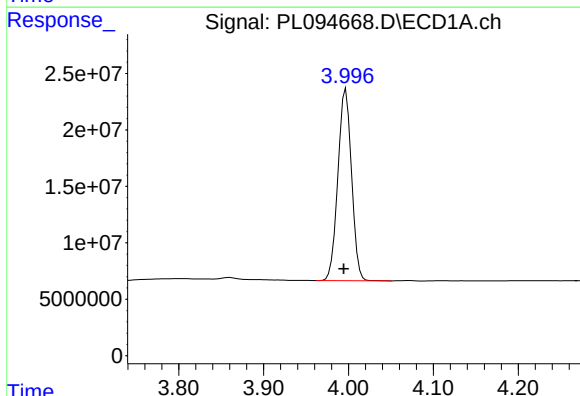
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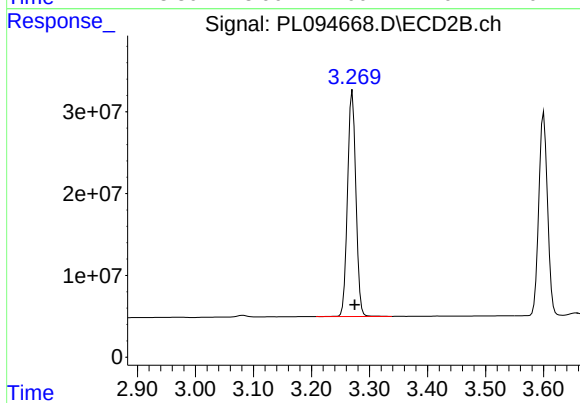
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 182191378
Conc: 51.04 ng/ml



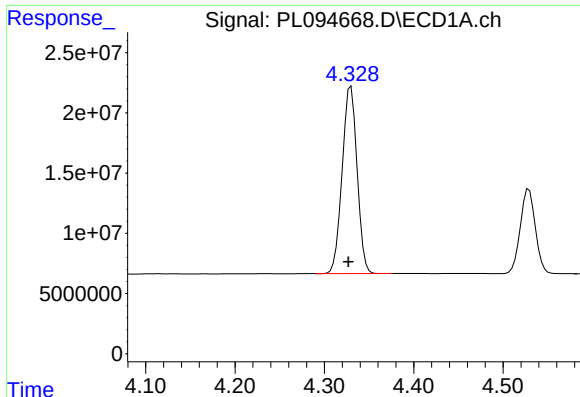
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.003 min
Response: 189238585
Conc: 45.57 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 274104521
Conc: 50.84 ng/ml



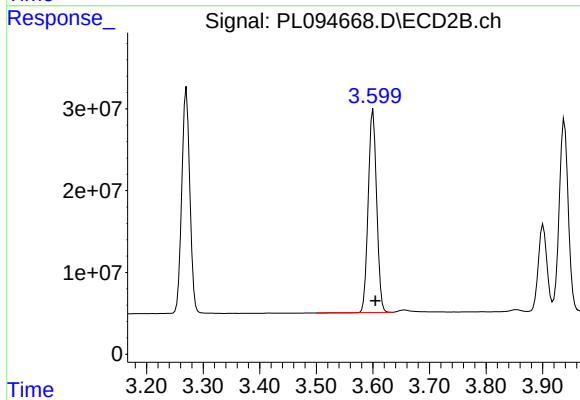
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.003 min
Response: 180104819
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

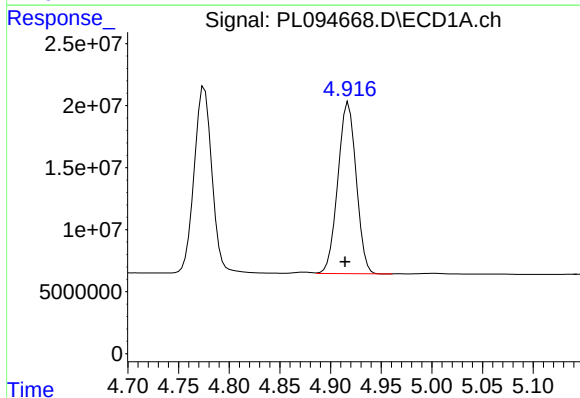
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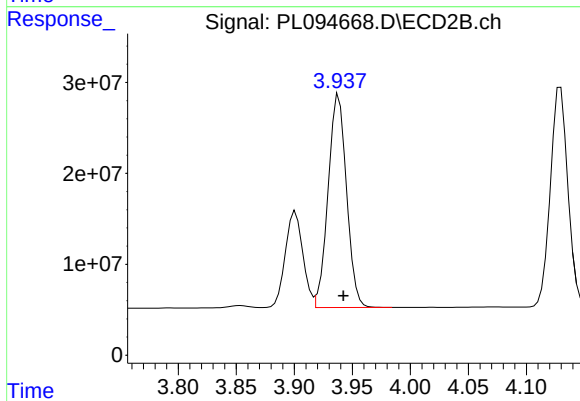
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 256904278
Conc: 49.99 ng/ml



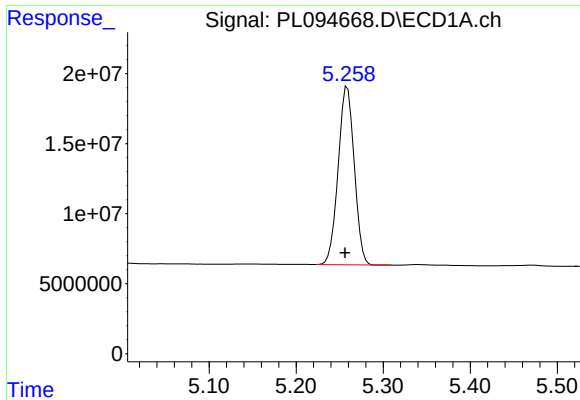
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.003 min
Response: 173508099
Conc: 44.70 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 259136790
Conc: 49.18 ng/ml



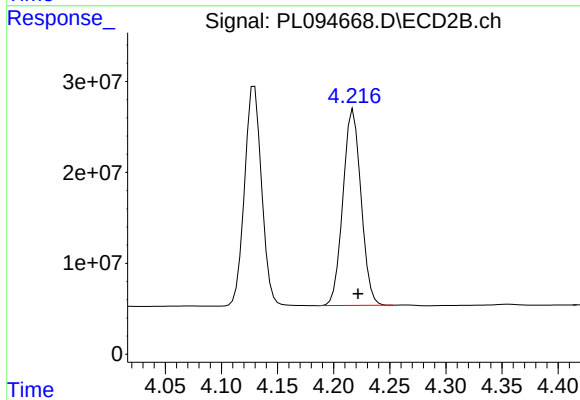
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.003 min
Response: 163433303
Conc: 44.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

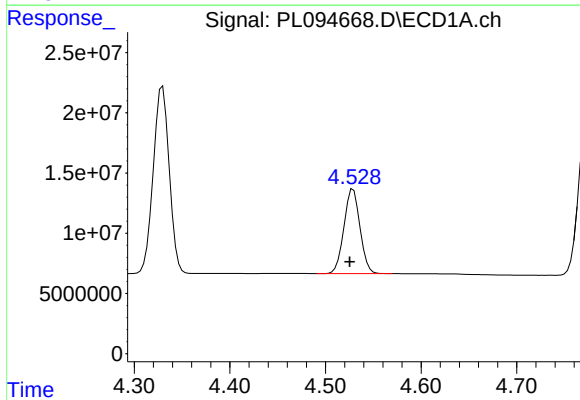
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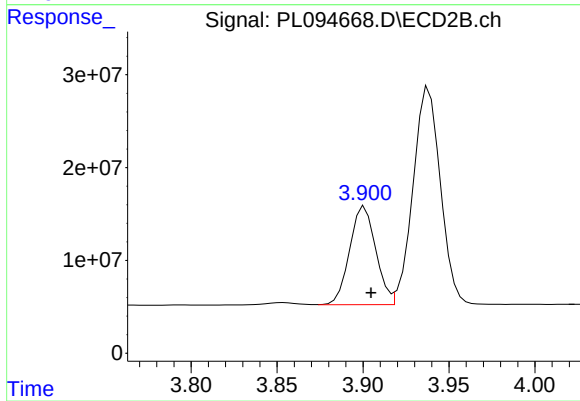
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 241473216
Conc: 49.52 ng/ml



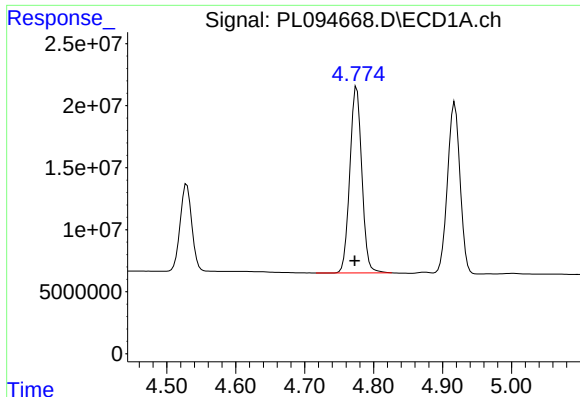
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.004 min
Response: 82295079
Conc: 44.60 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 112180978
Conc: 50.50 ng/ml



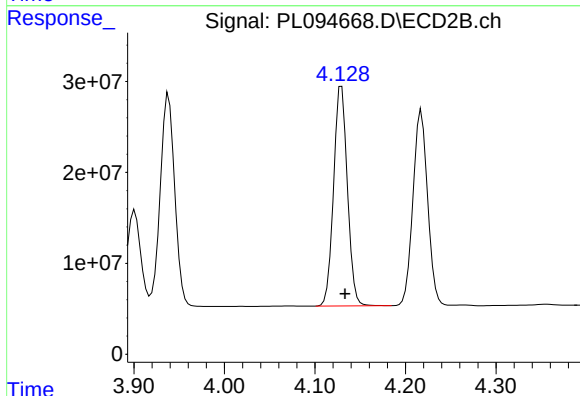
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.003 min
Response: 181622596
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

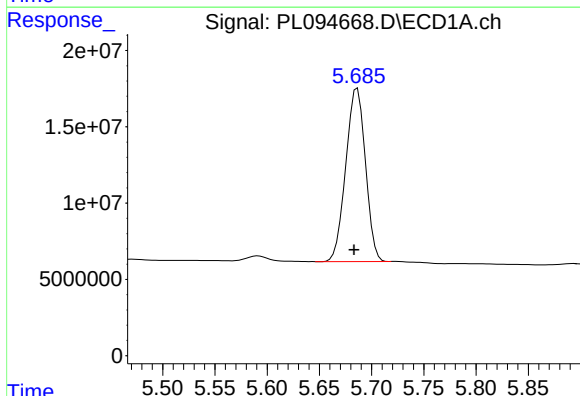
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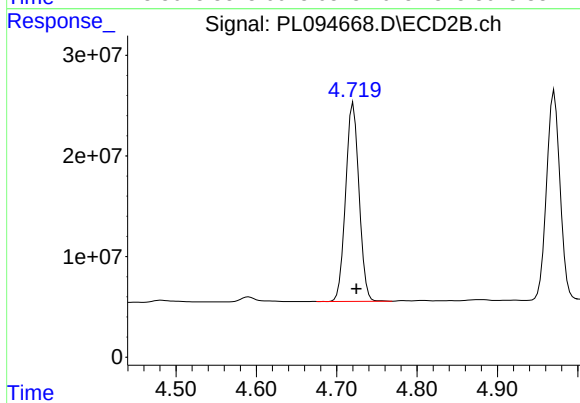
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 255849089
Conc: 51.15 ng/ml



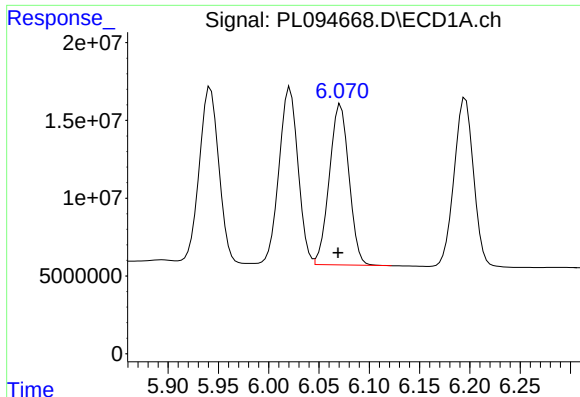
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.003 min
Response: 148653938
Conc: 44.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 228398671
Conc: 49.88 ng/ml



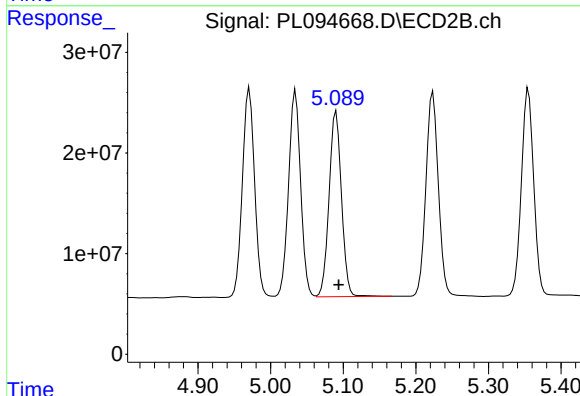
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 139559362
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

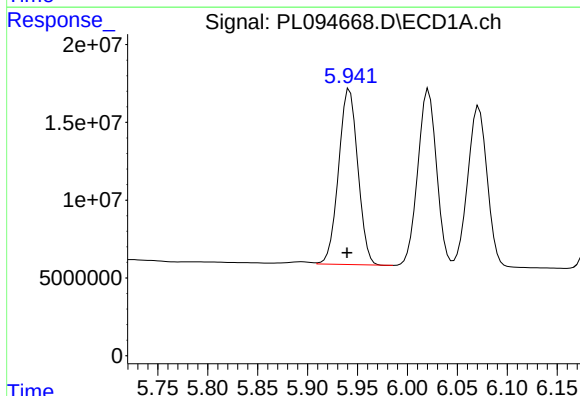
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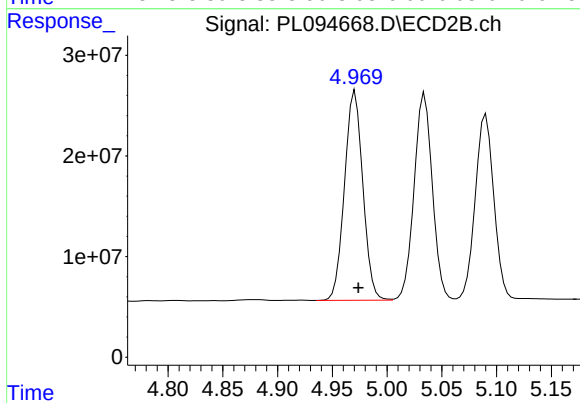
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 219085036
Conc: 49.92 ng/ml



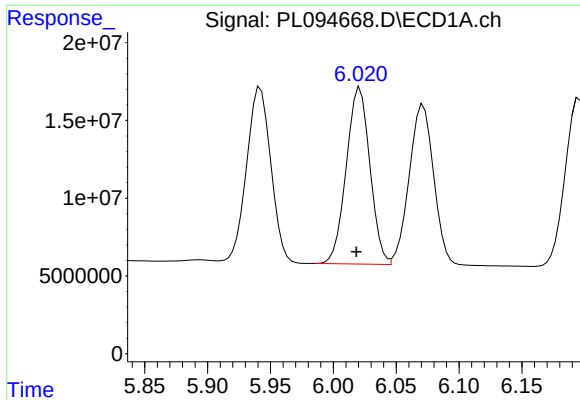
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 151696545
Conc: 45.02 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 242432343
Conc: 50.21 ng/ml



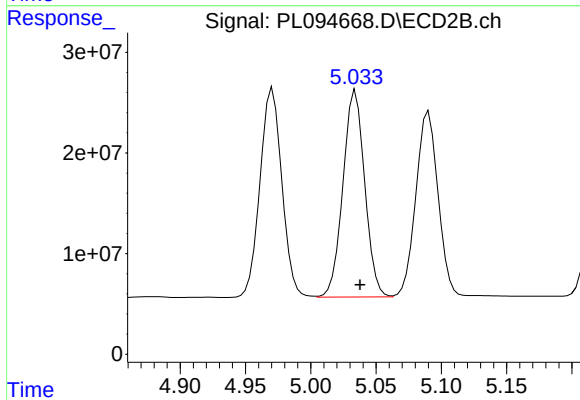
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.003 min
Response: 148459815
Conc: 45.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

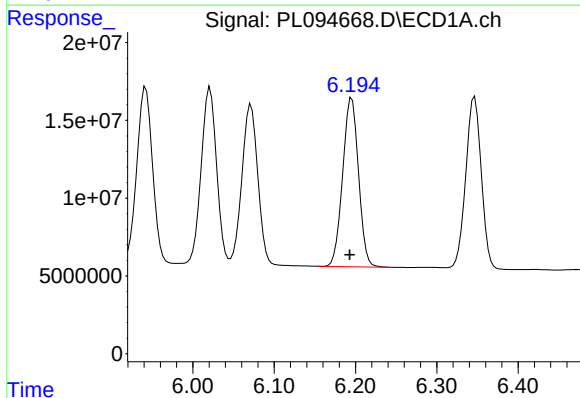
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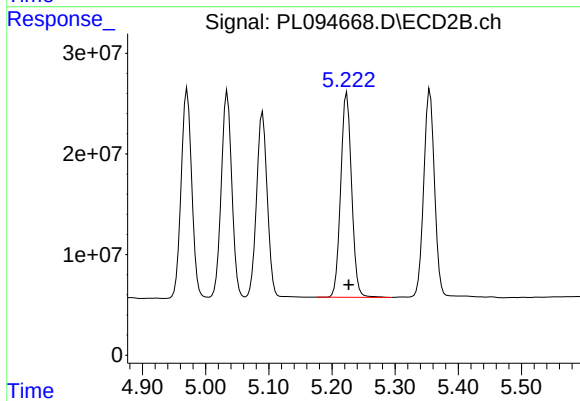
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 238039391
Conc: 49.87 ng/ml



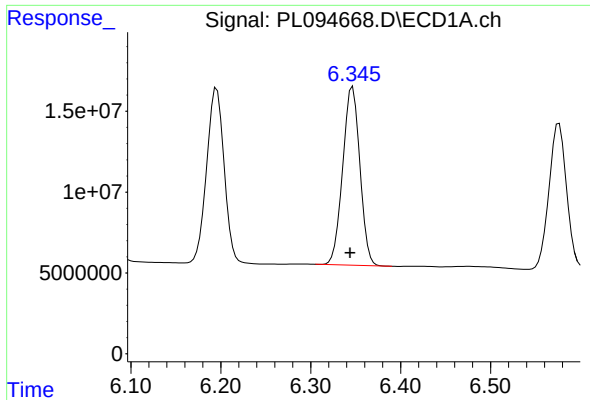
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.002 min
Response: 146517286
Conc: 49.80 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 243216867
Conc: 52.32 ng/ml



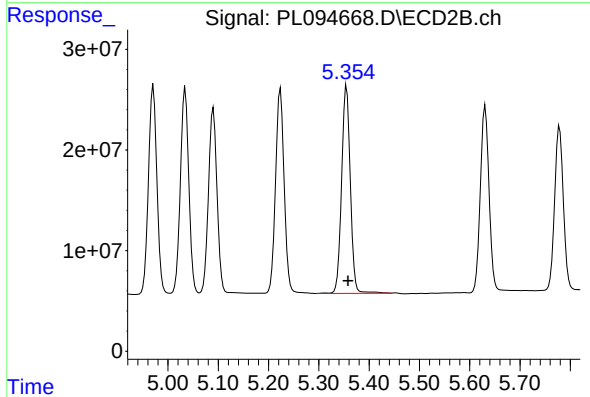
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.003 min
Response: 146400597
Conc: 45.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

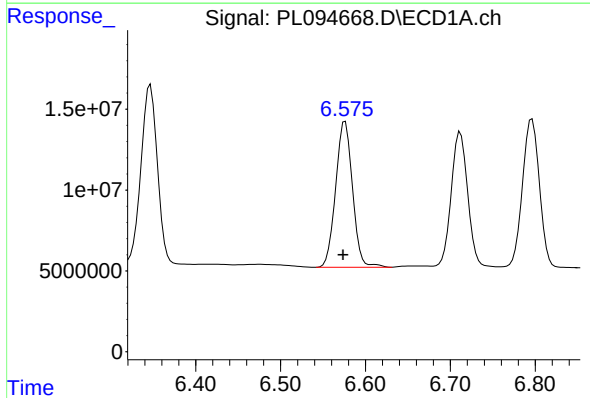
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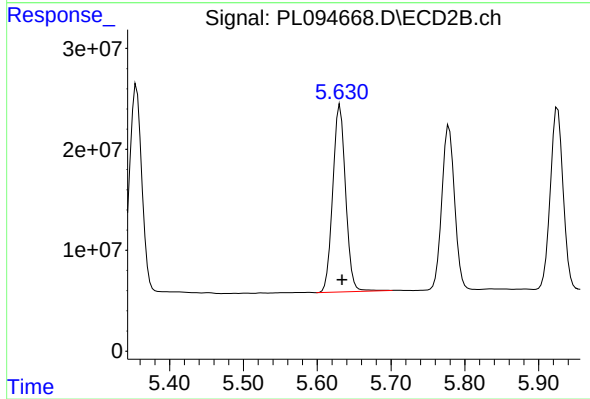
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 248014483
Conc: 51.12 ng/ml



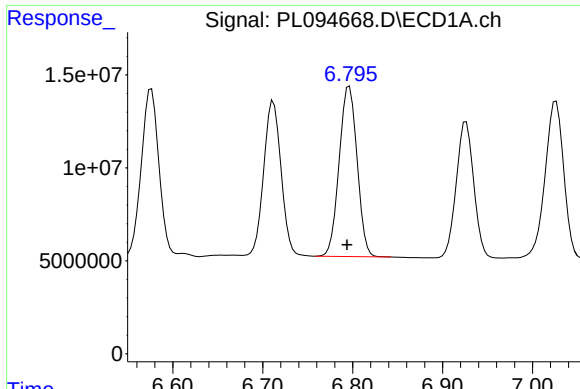
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.003 min
Response: 124410021
Conc: 44.88 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 223861061
Conc: 51.30 ng/ml



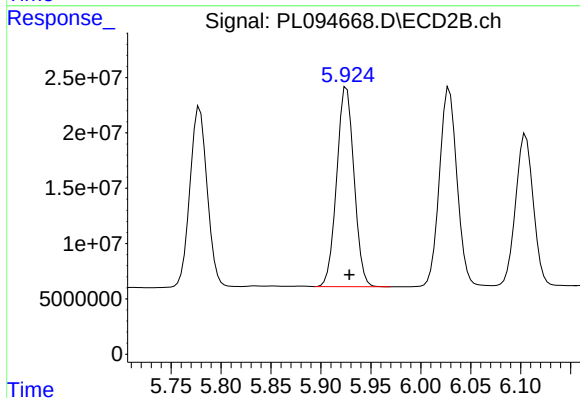
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.003 min
Response: 126770685
Conc: 46.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

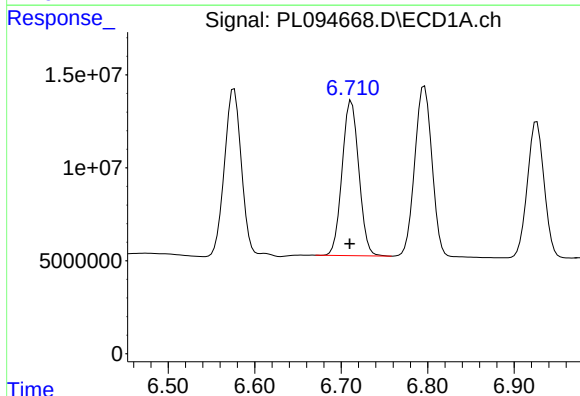
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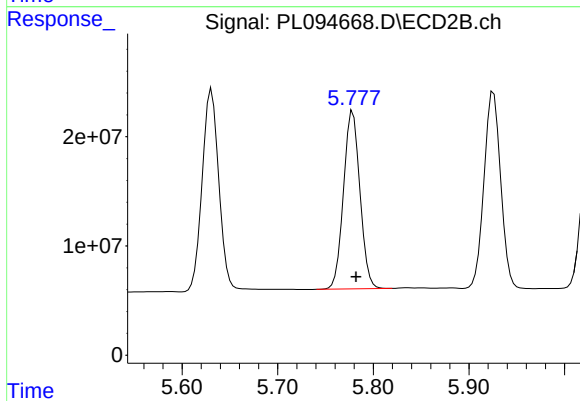
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 218062955
Conc: 50.38 ng/ml



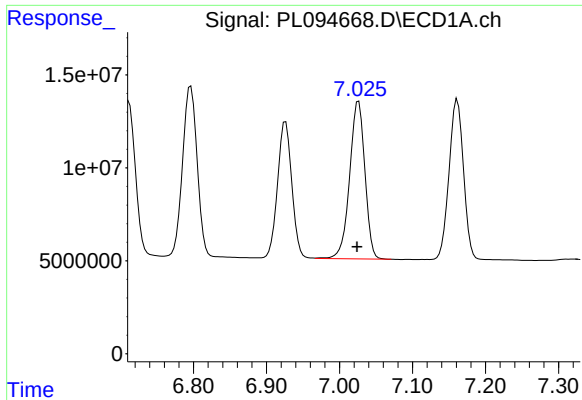
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 111279609
Conc: 51.37 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 195330973
Conc: 54.32 ng/ml



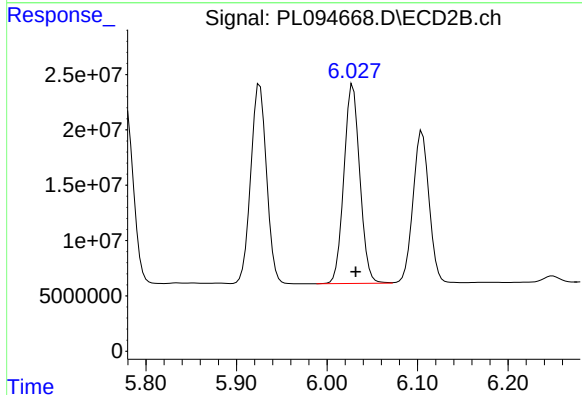
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 123197008
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

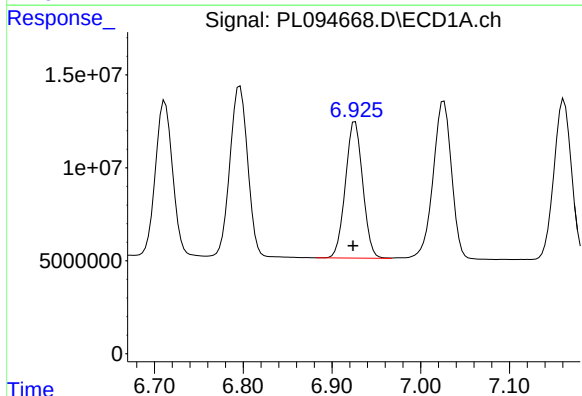
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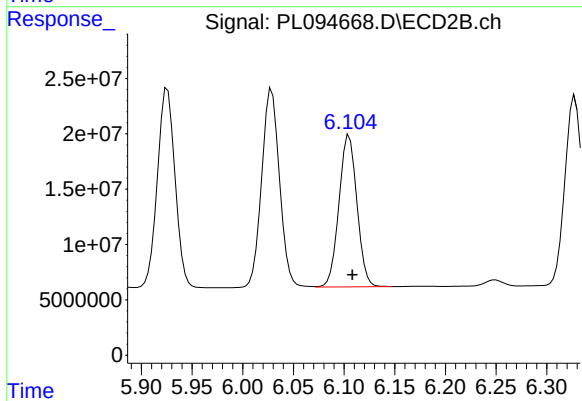
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 220341851
Conc: 54.65 ng/ml



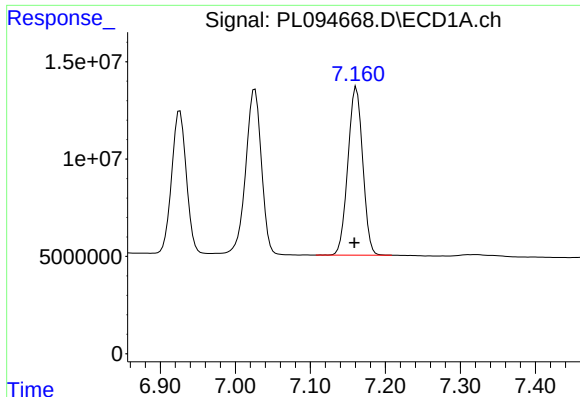
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 99458764
Conc: 47.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 169137142
Conc: 50.26 ng/ml



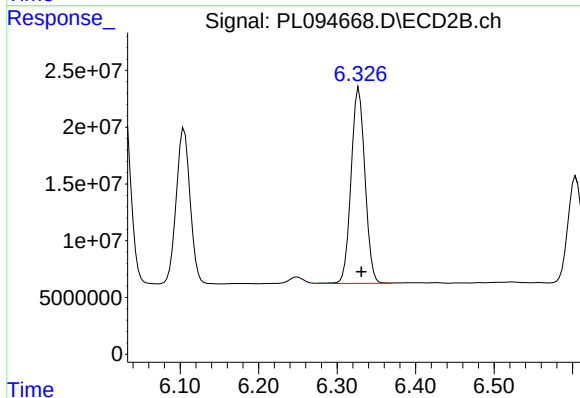
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 118448173
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

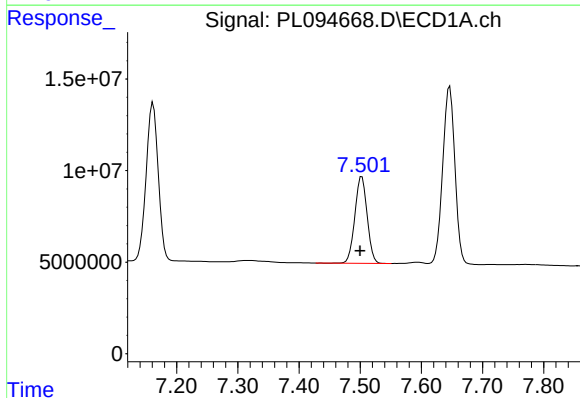
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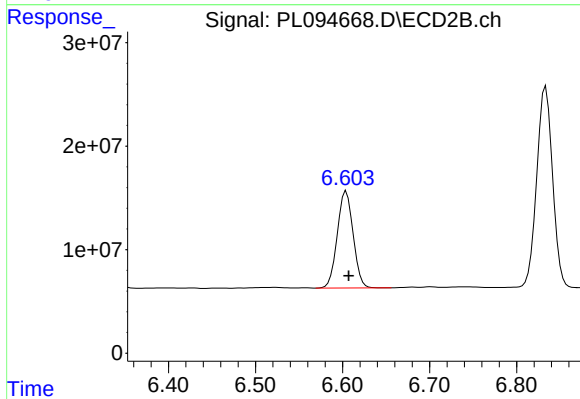
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 211562302
Conc: 51.94 ng/ml



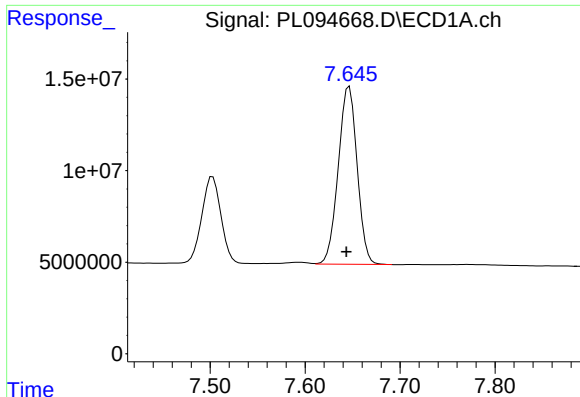
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 66153984
Conc: 55.26 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 118475077
Conc: 55.86 ng/ml



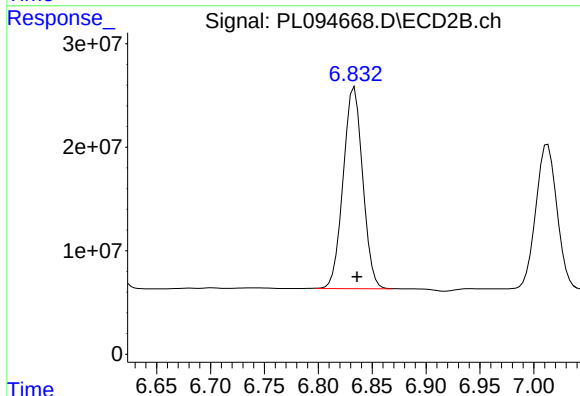
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.003 min
Response: 134240411
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

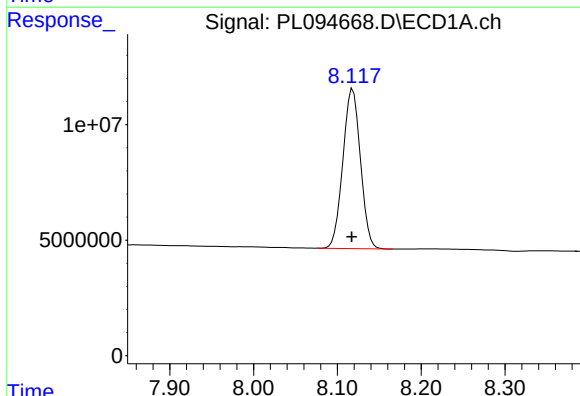
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APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



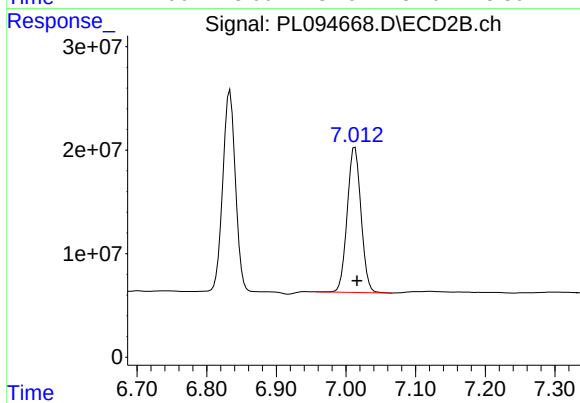
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 245538592
Conc: 51.45 ng/ml m



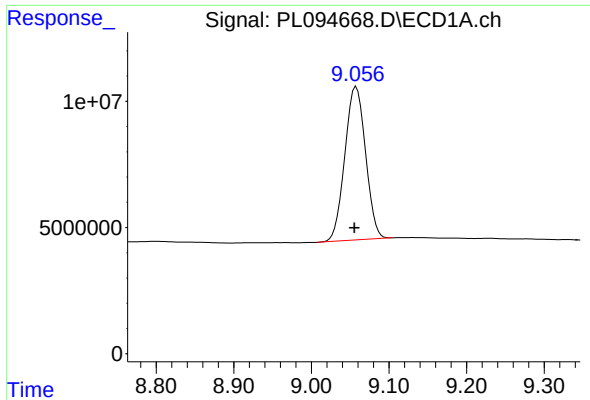
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.001 min
Response: 100835593
Conc: 48.80 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 193429665
Conc: 50.97 ng/ml



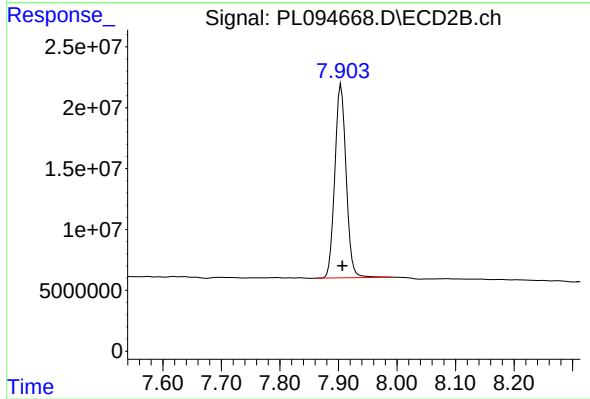
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 112711904
Conc: 53.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 213364553
Conc: 52.82 ng/ml