

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123024\
 Data File : PL093569.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Dec 2024 14:33
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2024
 Supervised By :Ankita Jodhani 12/31/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 31 02:23:29 2024
 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...	3.538	2.775	122.7E6	145.4E6	49.552	49.959
28)	SA Decachlor...	9.059	7.914	83615501	125.2E6	45.222	41.926
Target Compounds							
2)	A alpha-BHC	3.995	3.277	175.1E6	218.5E6	50.712	50.260
3)	MA gamma-BHC...	4.327	3.608	162.3E6	209.3E6	49.487	49.597
4)	MA Heptachlor	4.916	3.947	138.0E6	202.0E6	47.142	48.607
5)	MB Aldrin	5.258	4.226	139.1E6	201.8E6	47.809	49.198
6)	B beta-BHC	4.526	3.908	68167485	88657742	47.286	49.323
7)	B delta-BHC	4.773	4.137	151.8E6	214.4E6	49.555	50.701
8)	B Heptachlo...	5.685	4.729	124.0E6	182.3E6	47.061	47.605
9)	A Endosulfan I	6.070	5.099	109.7E6	150.5E6	46.510	43.062
10)	B gamma-Chl...	5.941	4.979	116.5E6	184.5E6	46.347	47.875
11)	B alpha-Chl...	6.020	5.043	117.8E6	176.1E6	47.066	46.252
12)	B 4,4'-DDE	6.193	5.232	108.2E6	175.7E6	48.203	47.782
13)	MA Dieldrin	6.346	5.364	116.7E6	174.6E6	46.784	45.299
14)	MA Endrin	6.575	5.639	93680691	159.4E6	43.523m	48.184
15)	B Endosulfa...	6.796	5.934	98435042	155.8E6	43.301	47.947
16)	A 4,4'-DDD	6.710	5.787	87715192	139.3E6	49.953m	49.226
17)	MA 4,4'-DDT	7.026	6.036	82435569	139.4E6	44.595	46.144m
18)	B Endrin al...	6.926	6.114	79125968	125.4E6	44.590	46.552
19)	B Endosulfa...	7.161	6.337	91986222	142.0E6	45.560	45.014
20)	A Methoxychlor	7.502	6.613	46591918	68483647	46.607	42.546
21)	B Endrin ke...	7.646	6.843	103.6E6	170.1E6	46.163	46.714
22)	Mirex	8.119	7.022	81788328	129.7E6	43.767	42.441

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

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Acq On : 30 Dec 2024 14:33
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

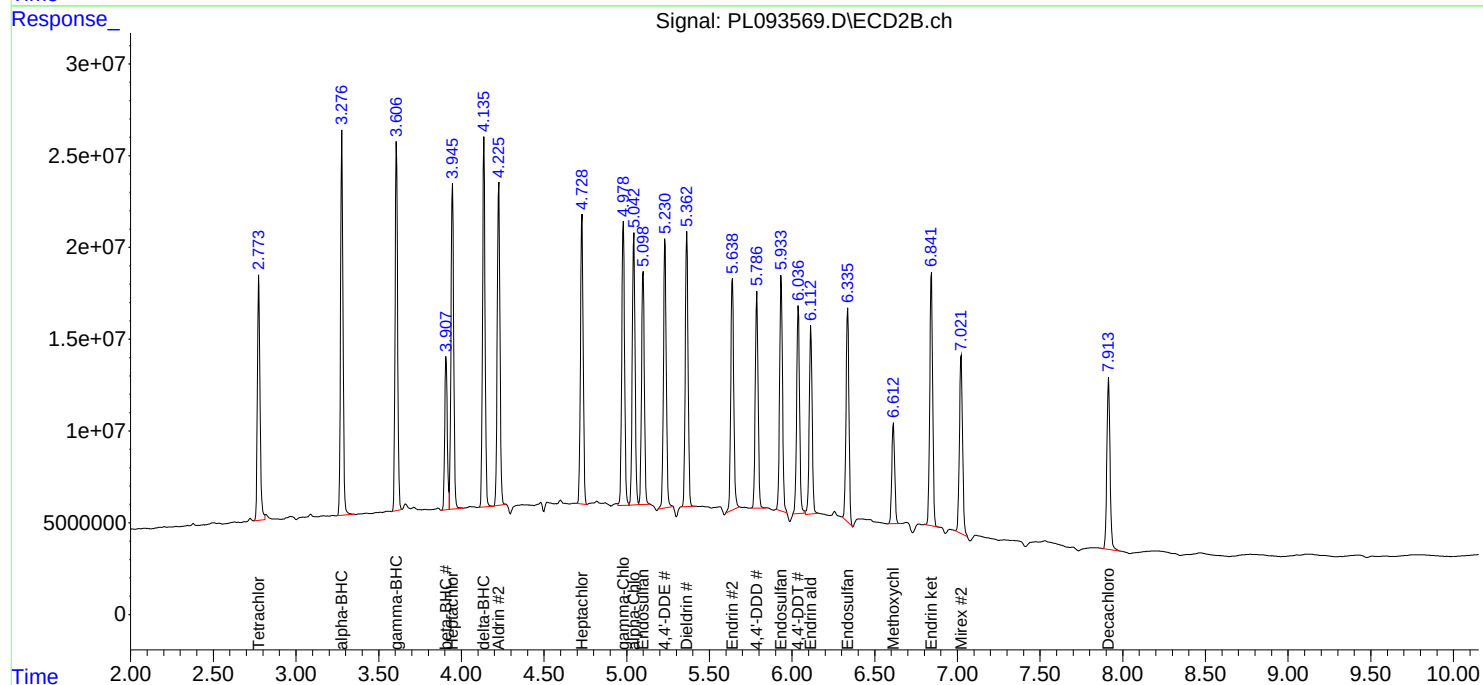
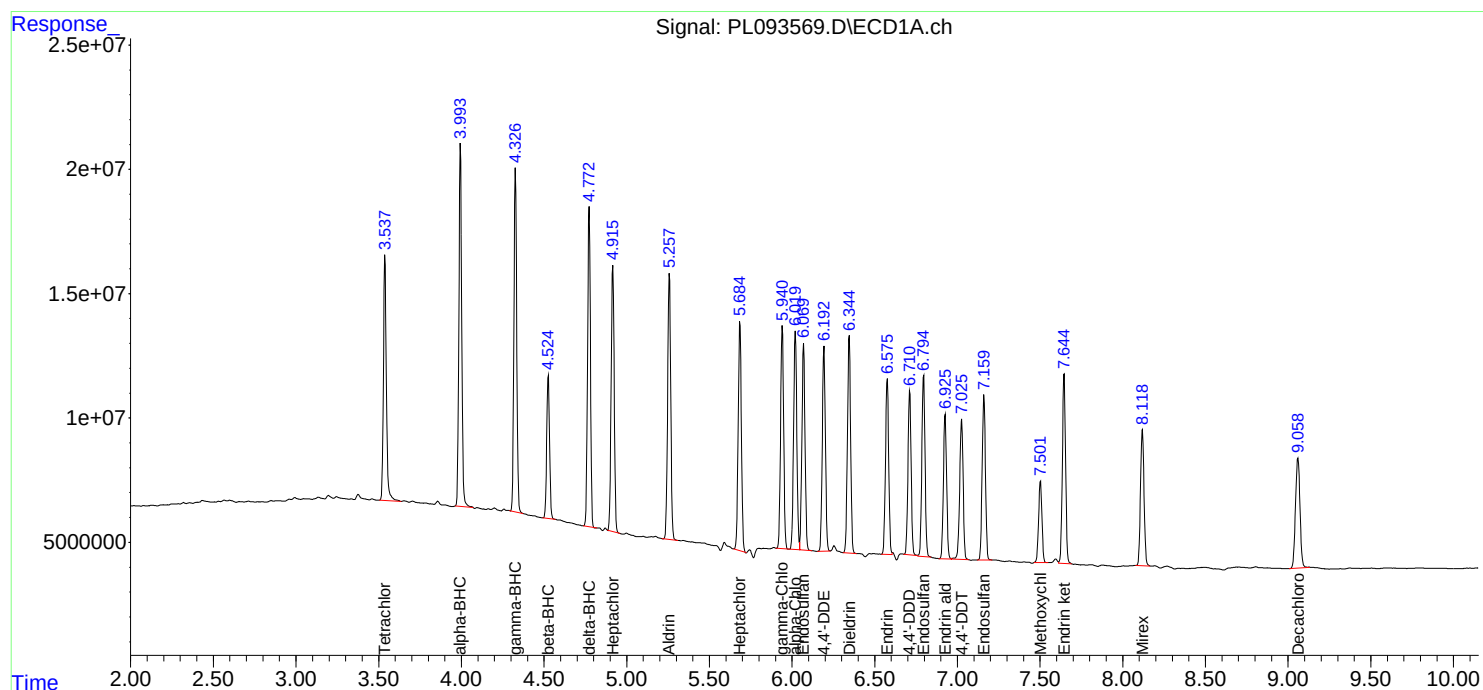
Manual Integrations

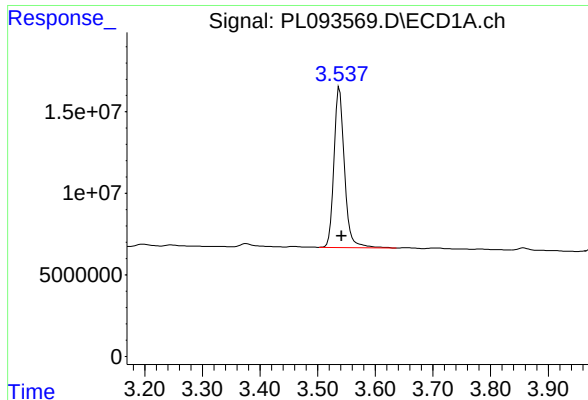
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 31 02:23:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
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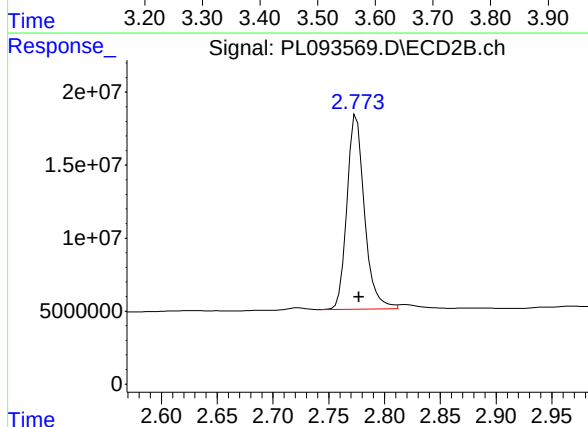
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.004 min
Response: 122676144
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

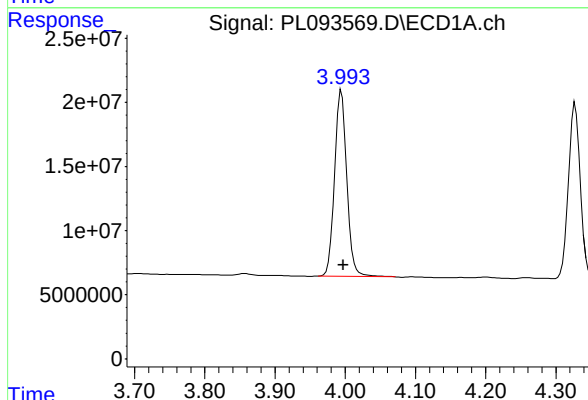
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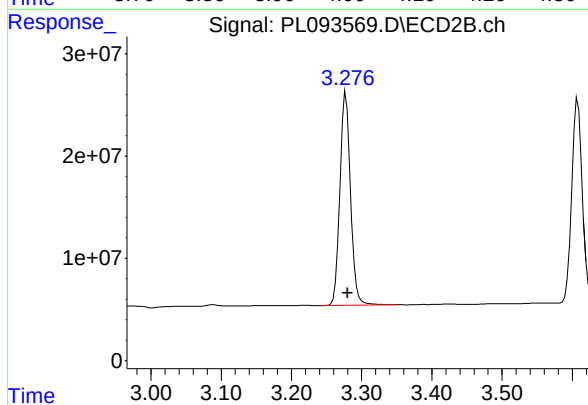
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 145441455
Conc: 49.96 ng/ml



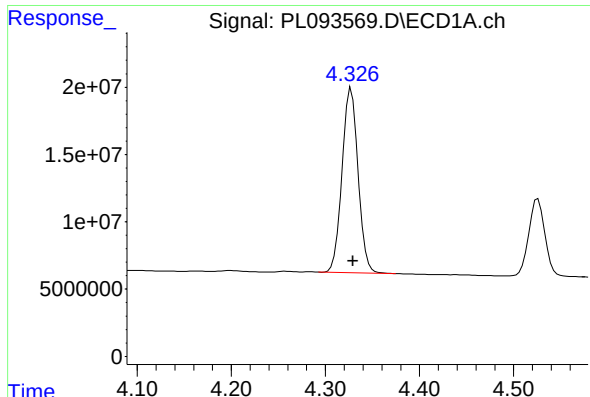
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.003 min
Response: 175076681
Conc: 50.71 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 218469585
Conc: 50.26 ng/ml



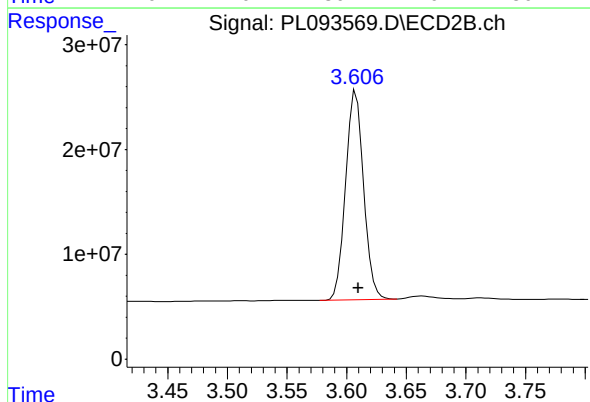
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 162288577
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

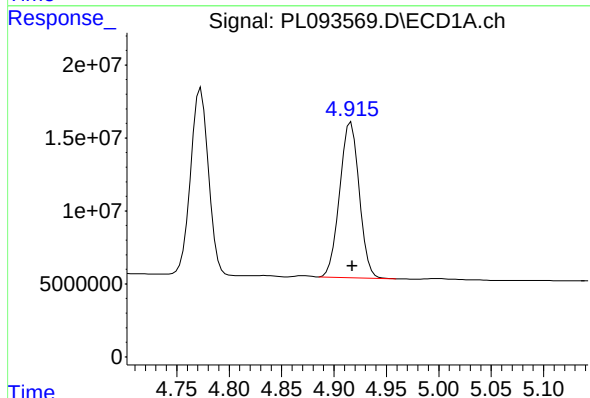
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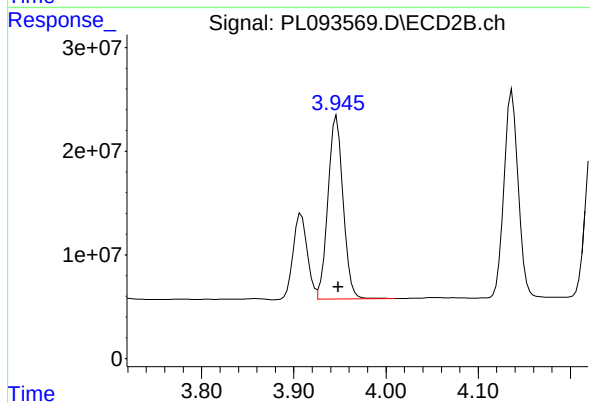
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: -0.002 min
Response: 209266814
Conc: 49.60 ng/ml



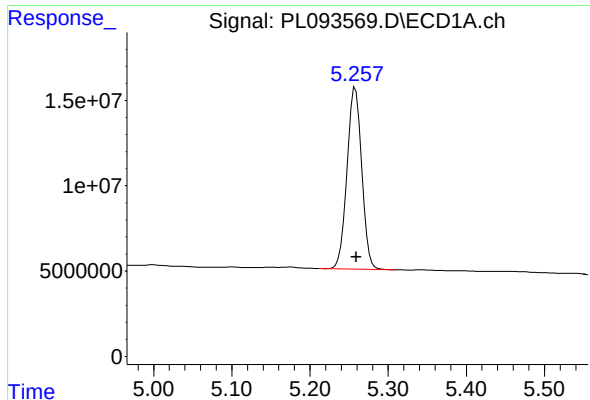
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 138047192
Conc: 47.14 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: -0.002 min
Response: 202006055
Conc: 48.61 ng/ml



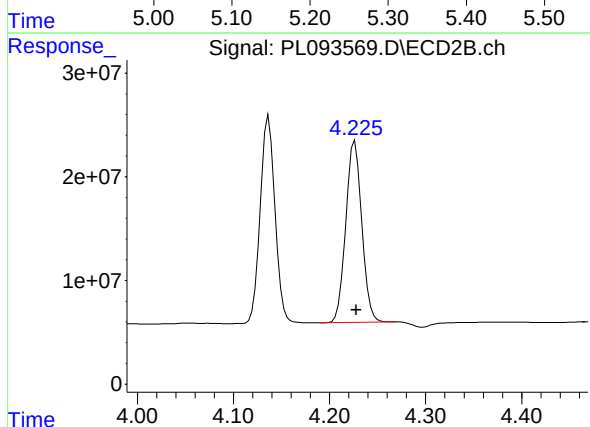
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 139069489
Conc: 47.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

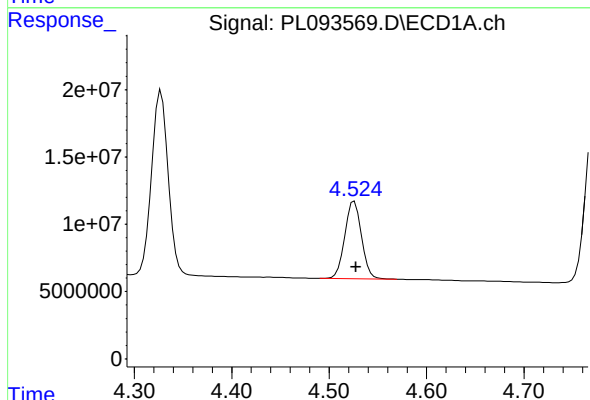
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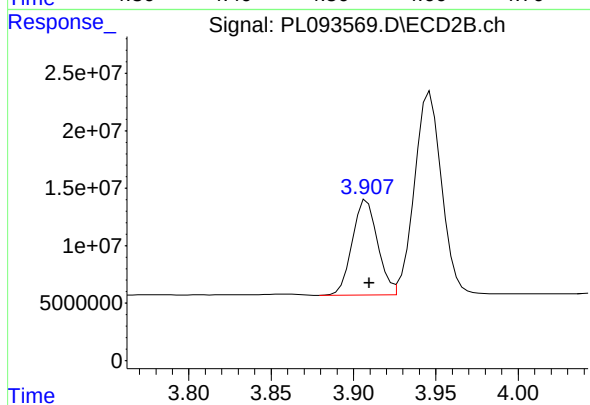
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: -0.001 min
Response: 201823817
Conc: 49.20 ng/ml



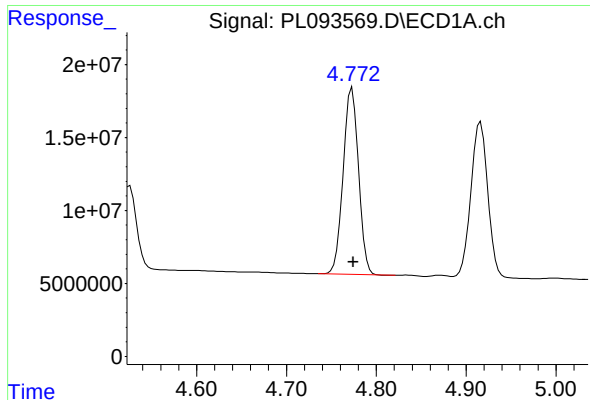
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 68167485
Conc: 47.29 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 88657742
Conc: 49.32 ng/ml



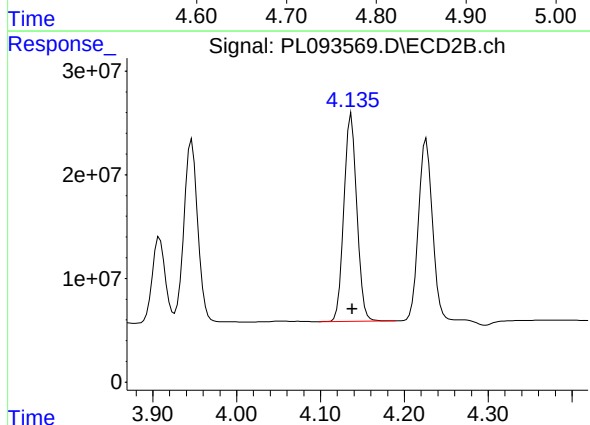
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 151767174
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

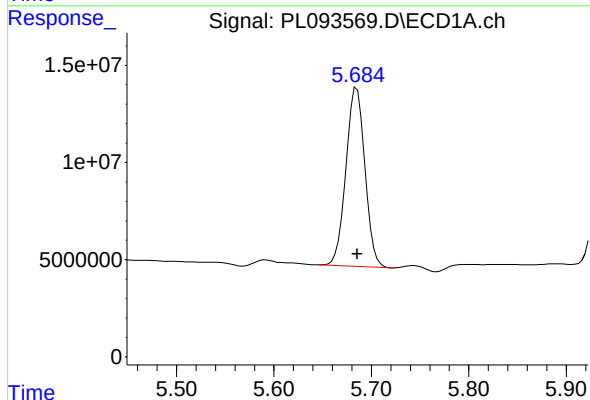
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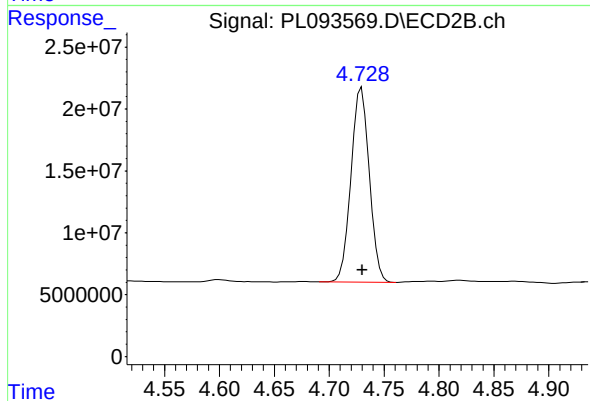
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: -0.001 min
Response: 214409309
Conc: 50.70 ng/ml



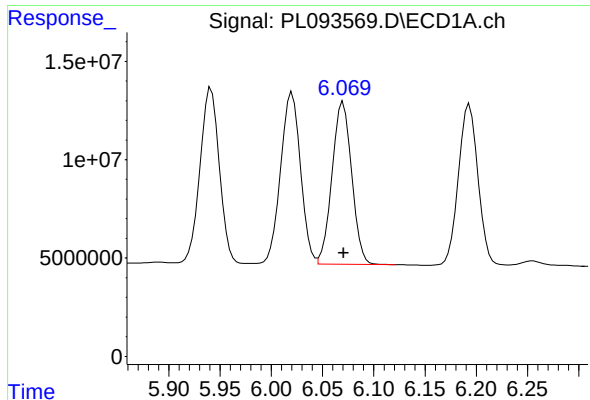
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 123975429
Conc: 47.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 182266568
Conc: 47.61 ng/ml



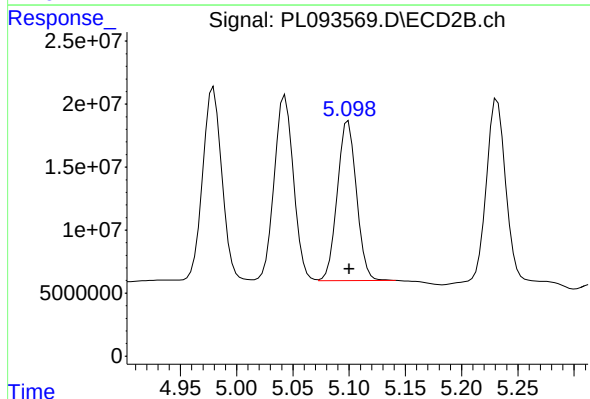
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 109728039
Conc: 46.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

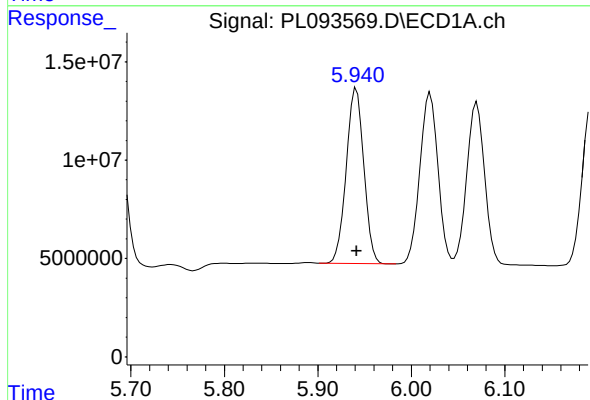
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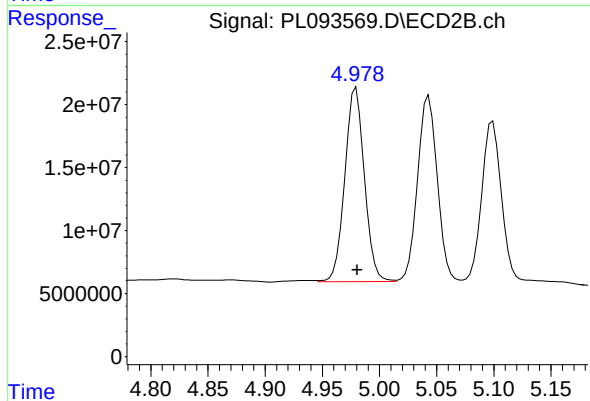
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 150457063
Conc: 43.06 ng/ml



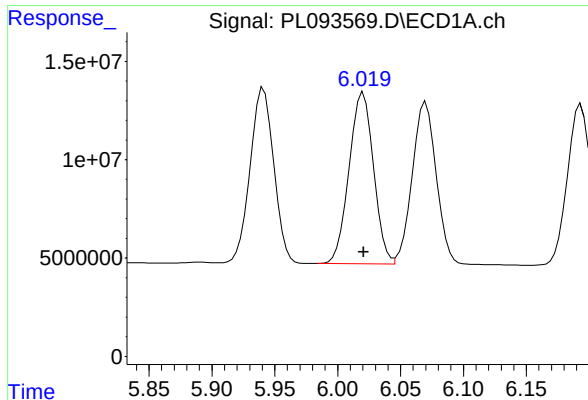
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 116474543
Conc: 46.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 184462001
Conc: 47.87 ng/ml



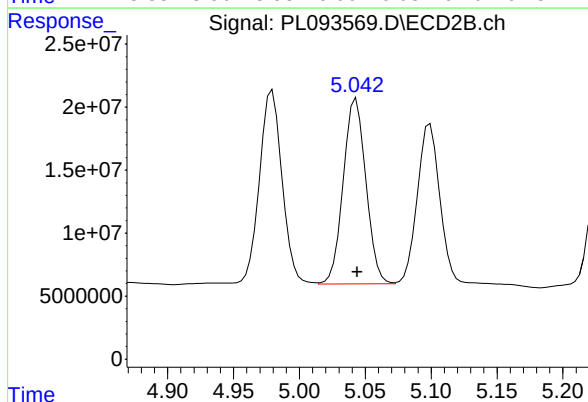
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 117801164
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

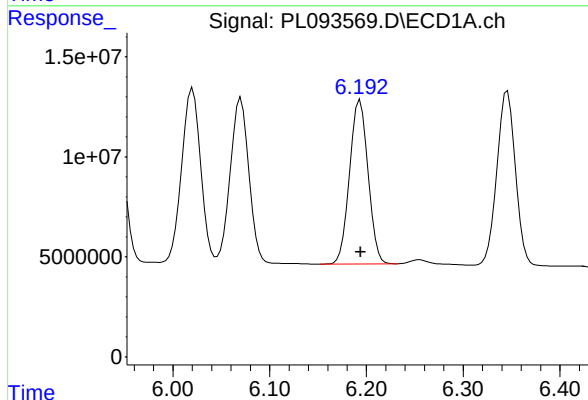
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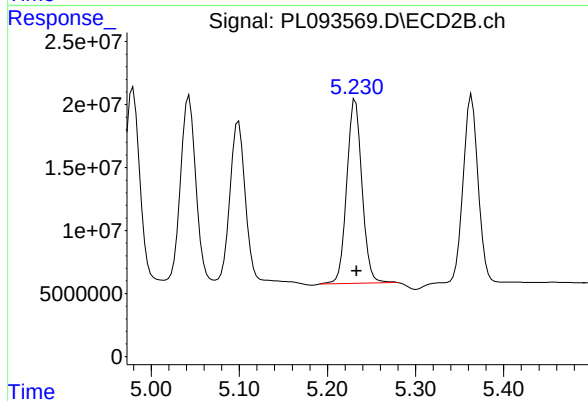
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 176100666
Conc: 46.25 ng/ml



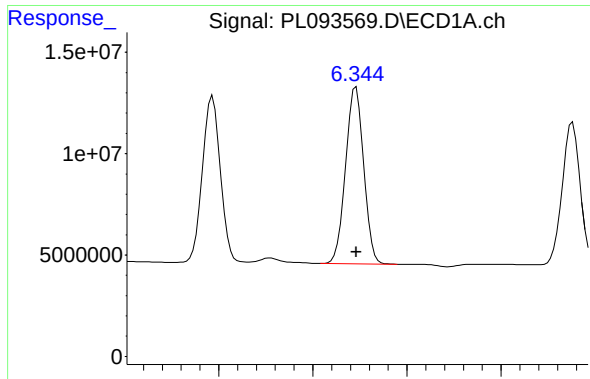
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 108160726
Conc: 48.20 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: -0.001 min
Response: 175706653
Conc: 47.78 ng/ml



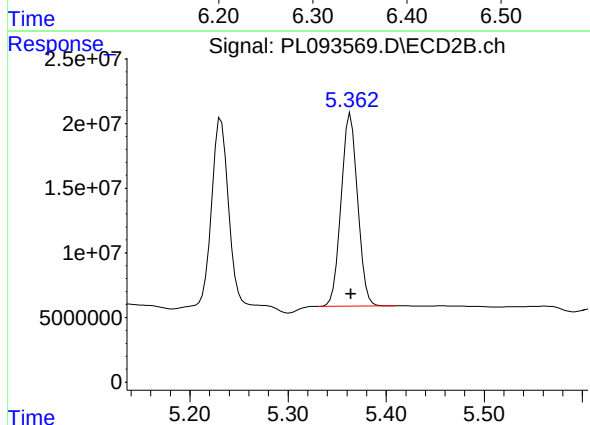
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 116730773
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

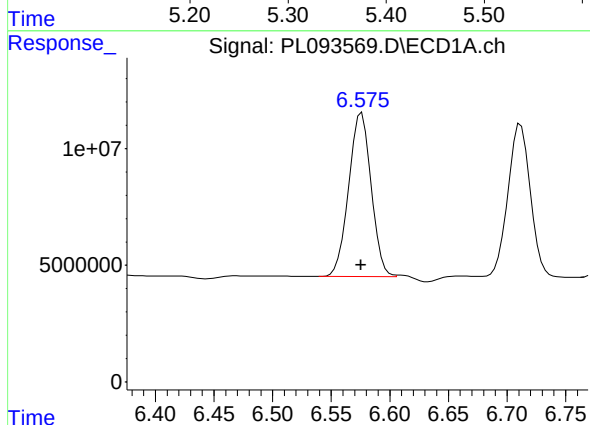
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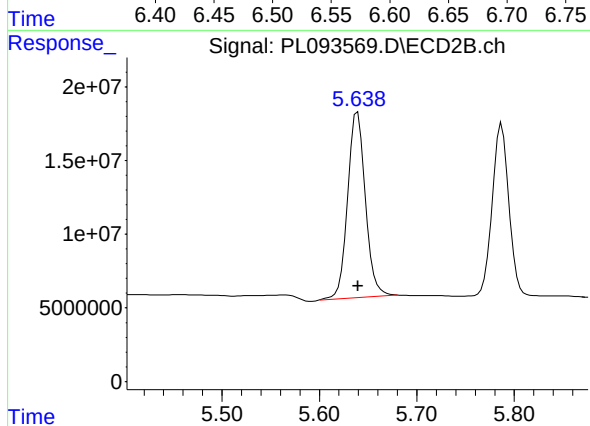
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 174575194
Conc: 45.30 ng/ml



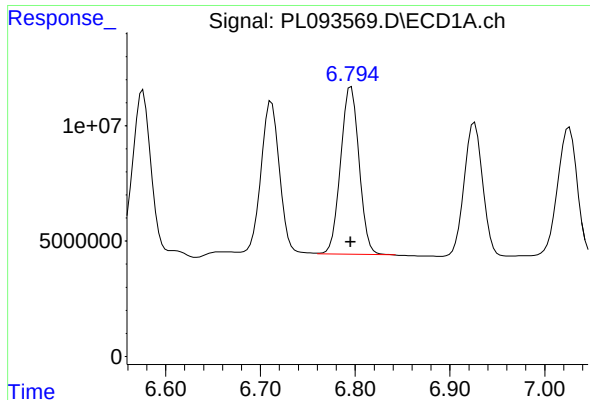
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 93680691
Conc: 43.52 ng/ml m



#14 Endrin

R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 159409603
Conc: 48.18 ng/ml



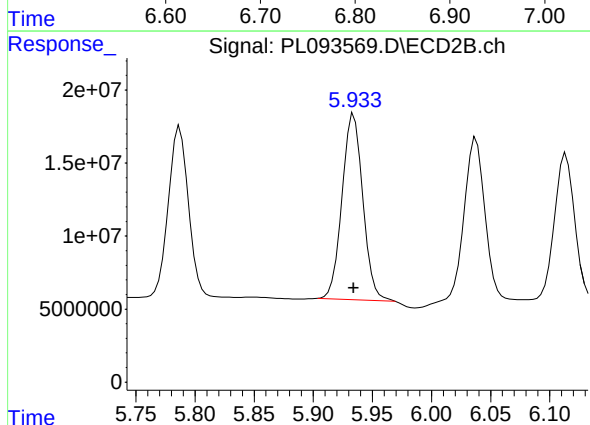
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 98435042
Conc: 43.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

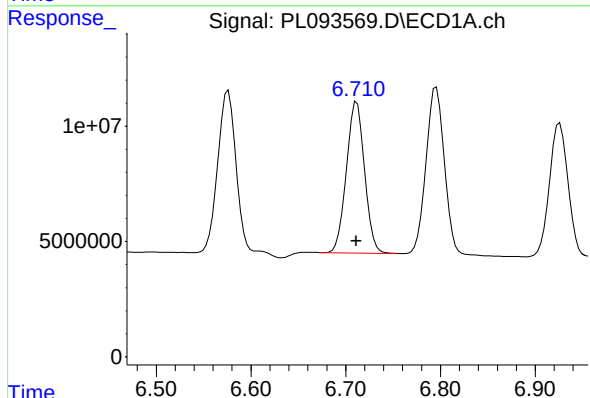
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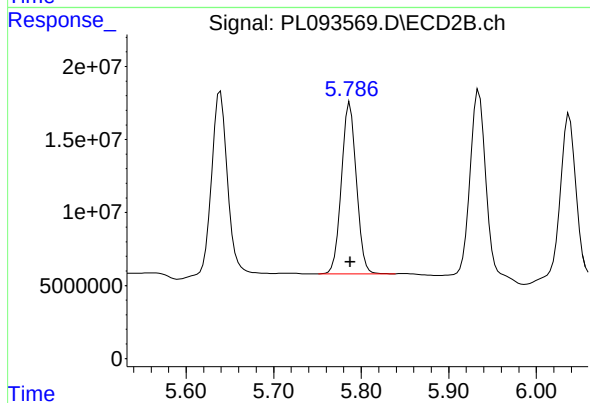
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 155778037
Conc: 47.95 ng/ml



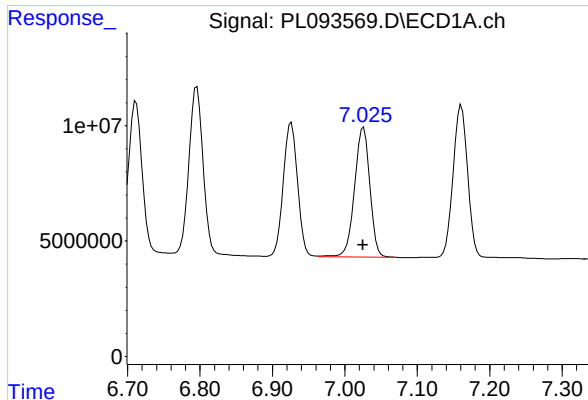
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 87715192
Conc: 49.95 ng/ml m



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 139315475
Conc: 49.23 ng/ml



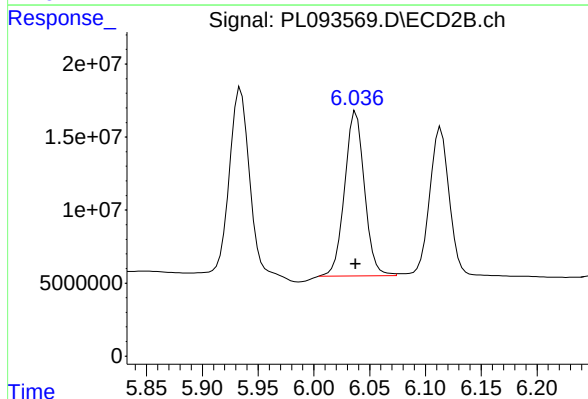
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 82435569
Conc: 44.60 ng/ml

Instrument :
ECD_L
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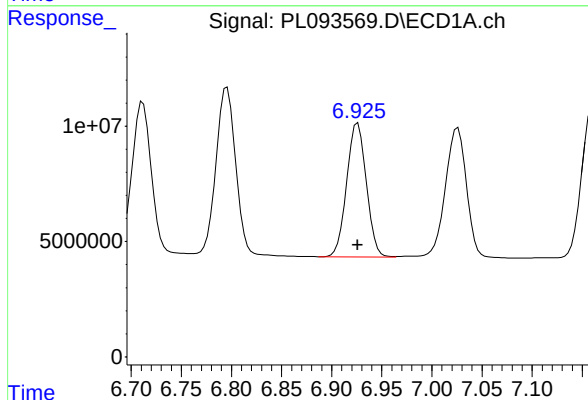
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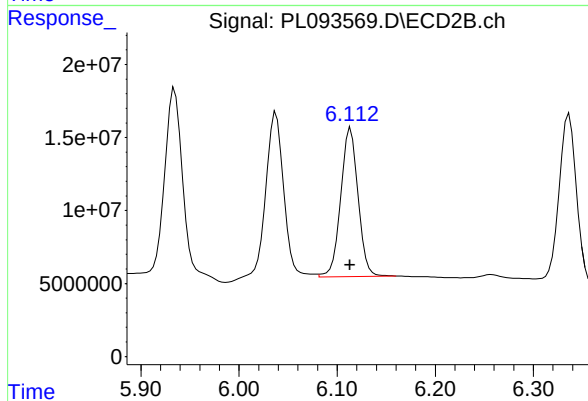
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.001 min
Response: 139367941
Conc: 46.14 ng/ml



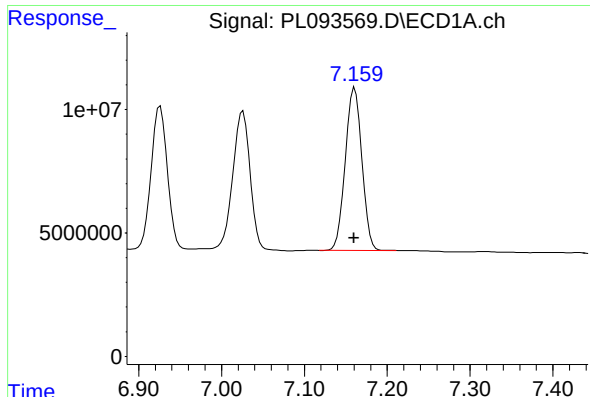
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 79125968
Conc: 44.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 125369870
Conc: 46.55 ng/ml



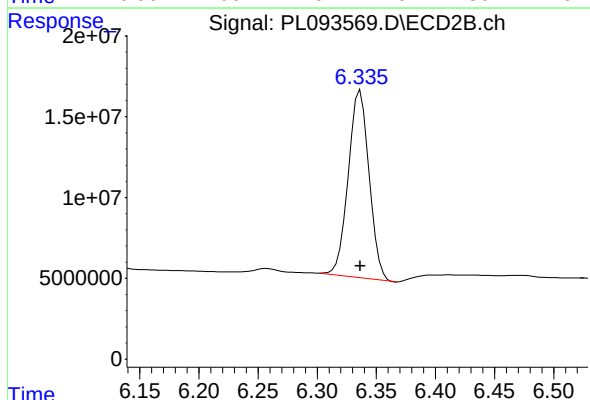
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 91986222
Conc: 45.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

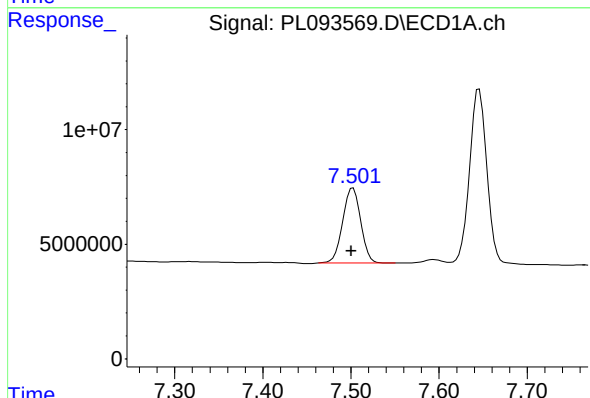
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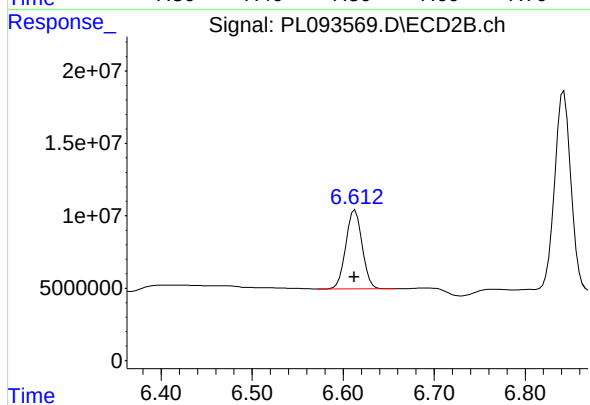
#19 Endosulfan Sulfate

R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 141994269
Conc: 45.01 ng/ml



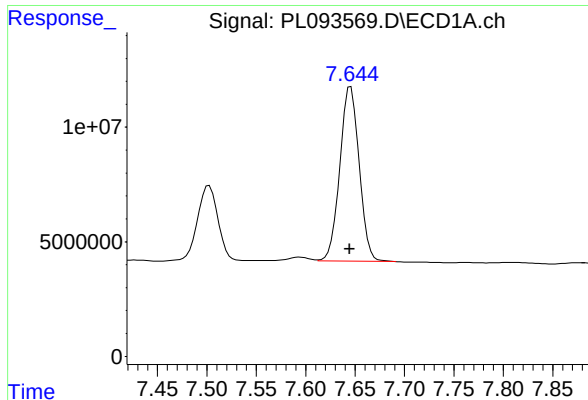
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 46591918
Conc: 46.61 ng/ml



#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 68483647
Conc: 42.55 ng/ml



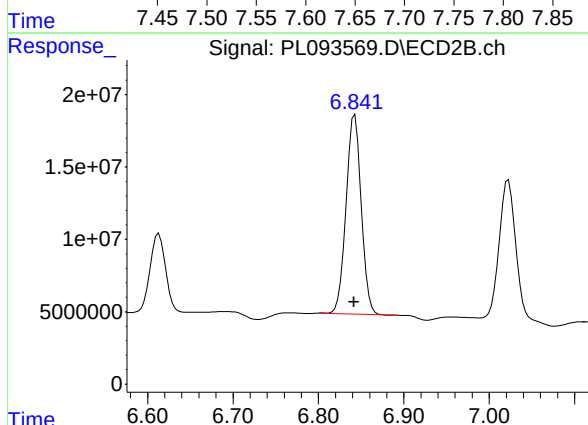
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 103583425
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

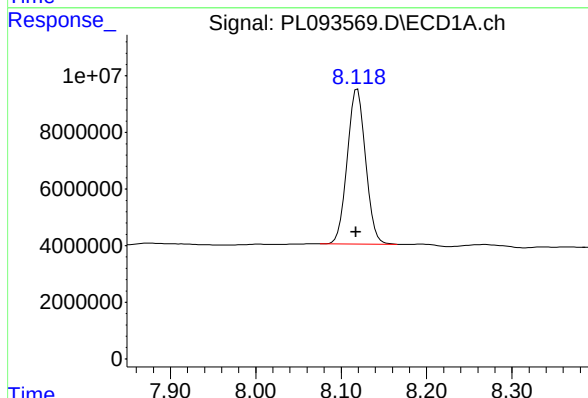
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APPROVED

Reviewed By :Yogesh Patel 12/31/2024
Supervised By :Ankita Jodhani 12/31/2024



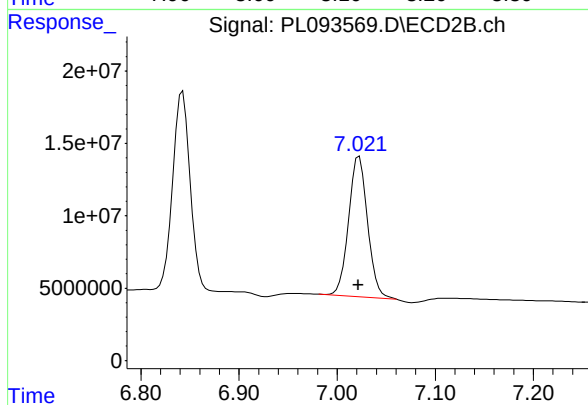
#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: 0.001 min
Response: 170058660
Conc: 46.71 ng/ml



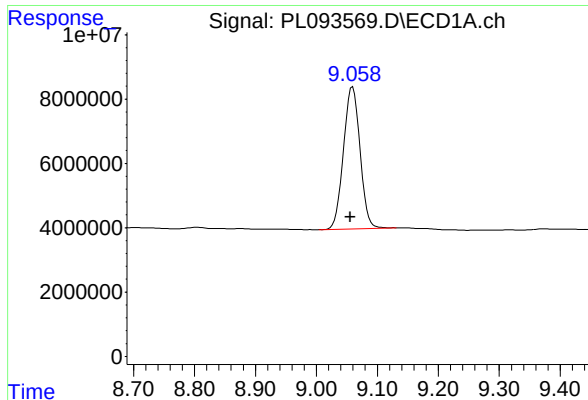
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.002 min
Response: 81788328
Conc: 43.77 ng/ml



#22 Mirex

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 129722288
Conc: 42.44 ng/ml



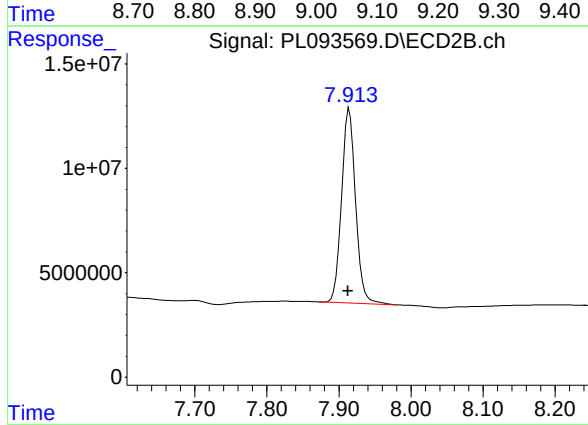
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.004 min
Response: 83615501
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.002 min
Response: 125187281
Conc: 41.93 ng/ml