

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
 Data File : PL094241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2025 10:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/19/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 00:29:30 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	2.772	111.3E6	144.7E6	41.327	44.318
28)	SA Decachlor...	9.052	7.906	89053683	149.8E6	42.570	42.741
Target Compounds							
2)	A alpha-BHC	3.993	3.274	159.6E6	218.7E6	41.641	44.738
3)	MA gamma-BHC...	4.326	3.604	154.9E6	211.4E6	42.066	44.589
4)	MA Heptachlor	4.914	3.942	140.5E6	199.1E6	42.856	42.780
5)	MB Aldrin	5.255	4.221	142.2E6	204.6E6	43.452	44.856
6)	B beta-BHC	4.525	3.904	68134981	90250908	42.390	45.183
7)	B delta-BHC	4.771	4.133	151.0E6	210.8E6	43.076	44.364
8)	B Heptachlo...	5.682	4.724	126.1E6	185.9E6	42.391	44.464
9)	A Endosulfan I	6.067	5.093	111.7E6	166.3E6	42.263	42.892
10)	B gamma-Chl...	5.938	4.973	119.8E6	189.7E6	42.968	44.758
11)	B alpha-Chl...	6.017	5.037	119.2E6	187.1E6	42.758	44.698
12)	B 4,4'-DDE	6.190	5.226	111.5E6	187.6E6	45.805	46.781
13)	MA Dieldrin	6.342	5.357	117.0E6	190.6E6	42.163	44.380
14)	MA Endrin	6.571	5.631	95621518	157.5E6	40.780m	42.663m
15)	B Endosulfa...	6.792	5.926	100.7E6	165.5E6	41.813	44.682m
16)	A 4,4'-DDD	6.708	5.780	87515139	152.1E6	46.047	48.178m
17)	MA 4,4'-DDT	7.022	6.031	86752419	143.0E6	43.991	43.947
18)	B Endrin al...	6.922	6.107	82437919	131.2E6	42.405	43.101
19)	B Endosulfa...	7.157	6.330	93830128	153.5E6	41.449	43.055
20)	A Methoxychlor	7.498	6.606	46676579	73339652	44.735	41.015
21)	B Endrin ke...	7.642	6.835	106.8E6	183.4E6	42.322	43.708
22)	Mirex	8.114	7.015	85886871	148.4E6	41.242	43.867

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
Data File : PL094241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Feb 2025 10:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

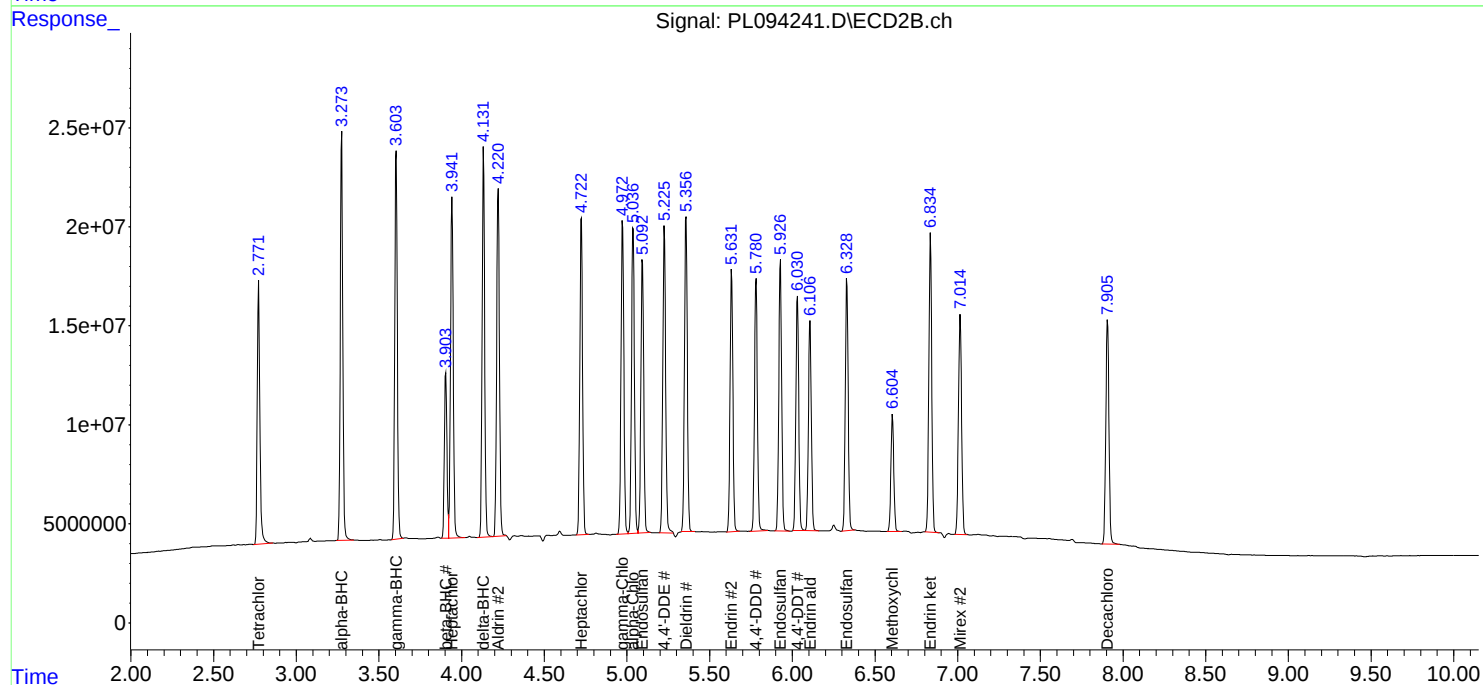
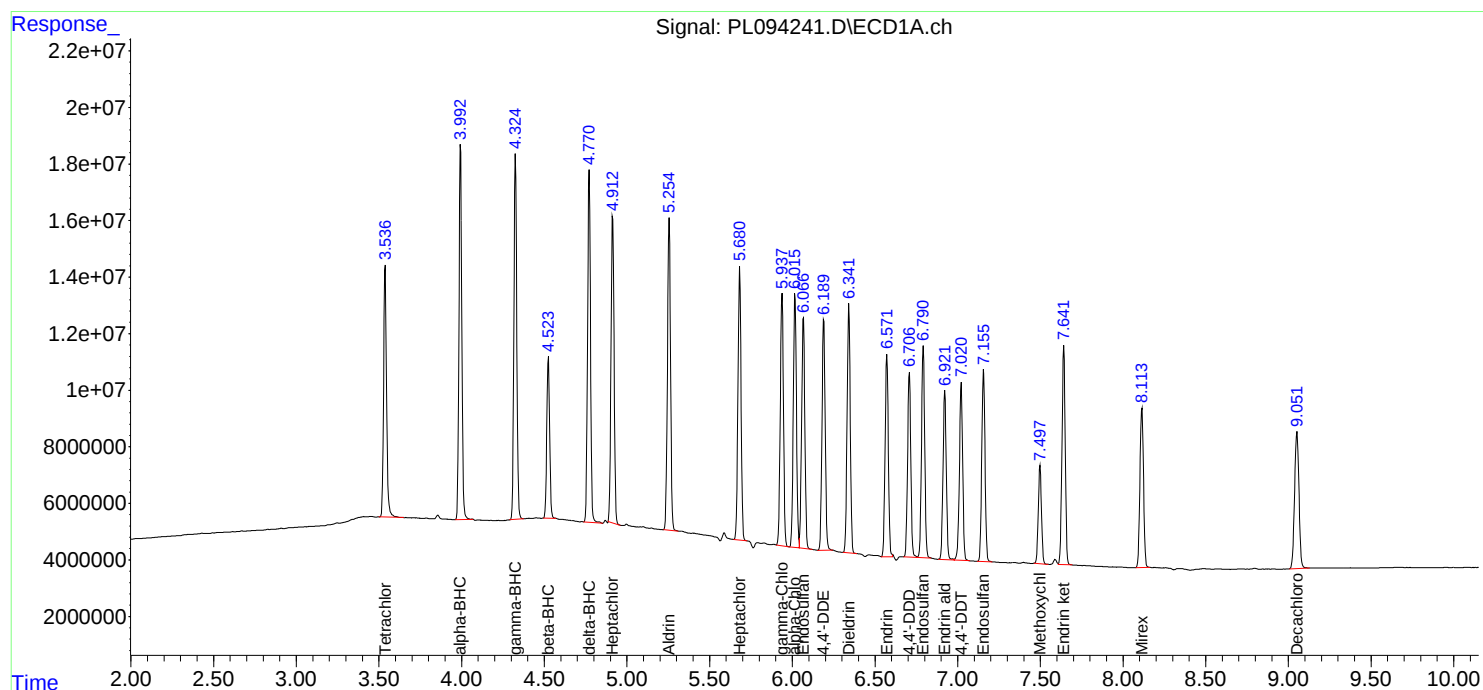
Manual Integrations

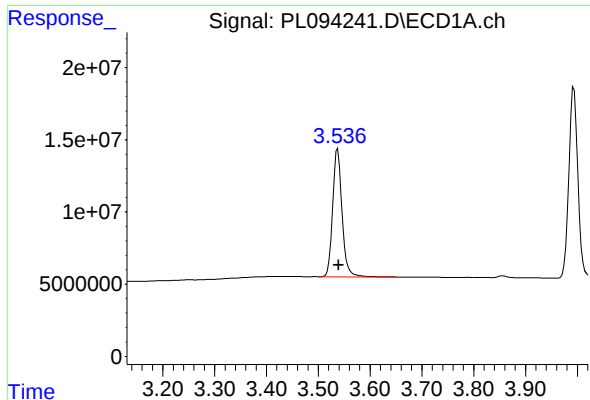
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 00:29:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response 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.: -0.001 min
Response: 111284781
Conc: 41.33 ng/ml

Instrument :

ECD_L

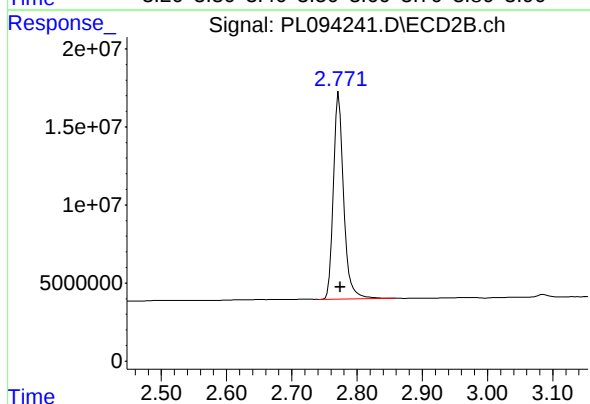
ClientSampleId :

PSTDCCC050

Manual Integrations

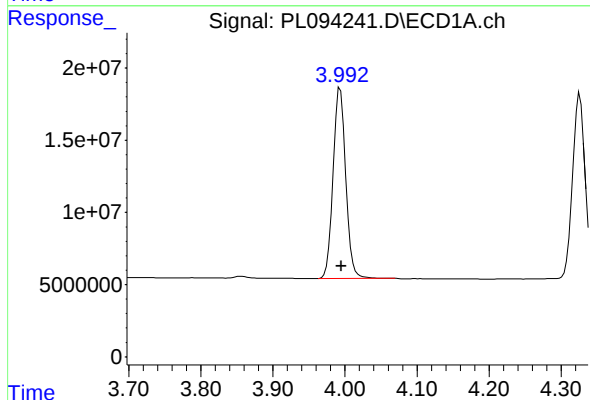
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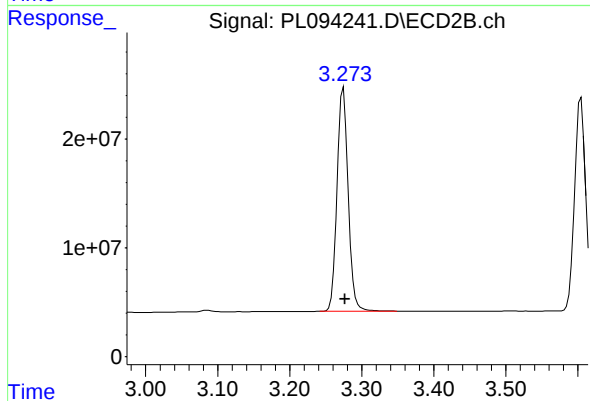
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.002 min
Response: 144661967
Conc: 44.32 ng/ml



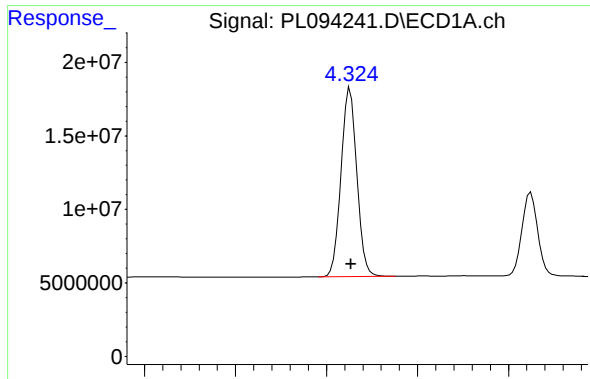
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 159646091
Conc: 41.64 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.002 min
Response: 218721878
Conc: 44.74 ng/ml



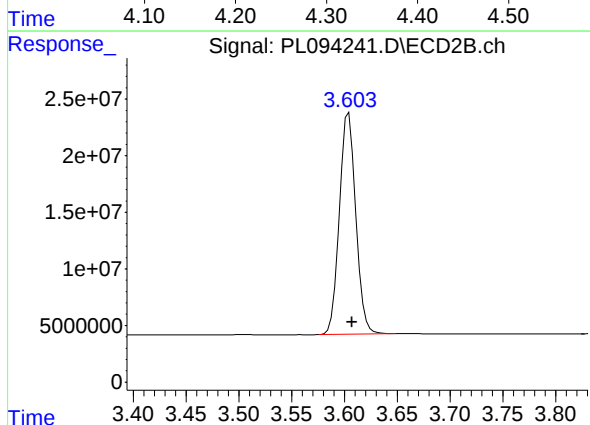
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 154924016
Conc: 42.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

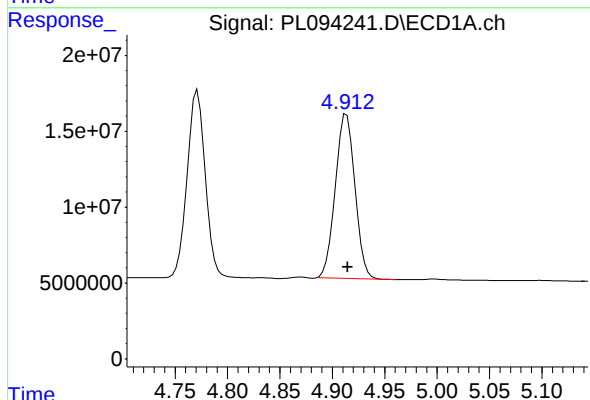
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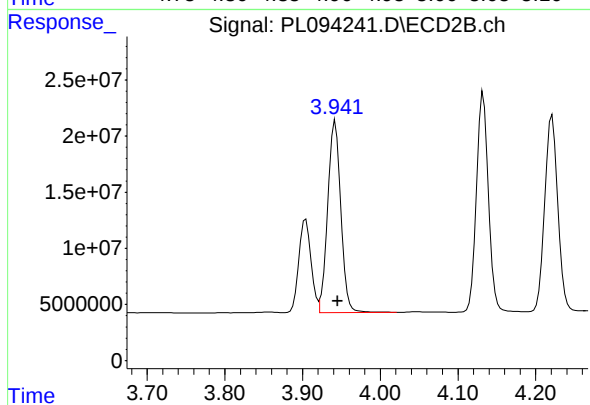
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 211408373
Conc: 44.59 ng/ml



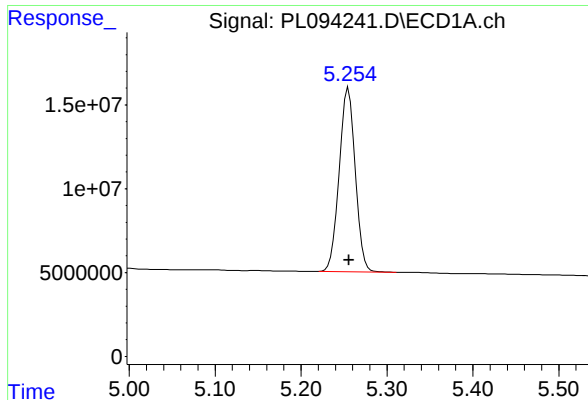
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 140454284
Conc: 42.86 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 199134028
Conc: 42.78 ng/ml



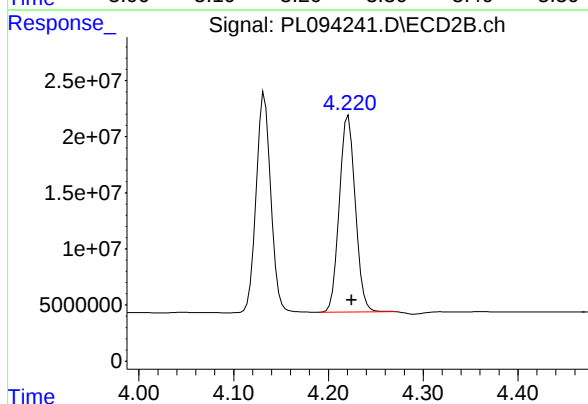
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 142174235
Conc: 43.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

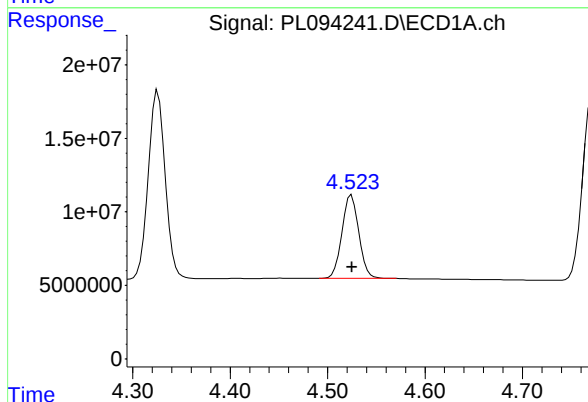
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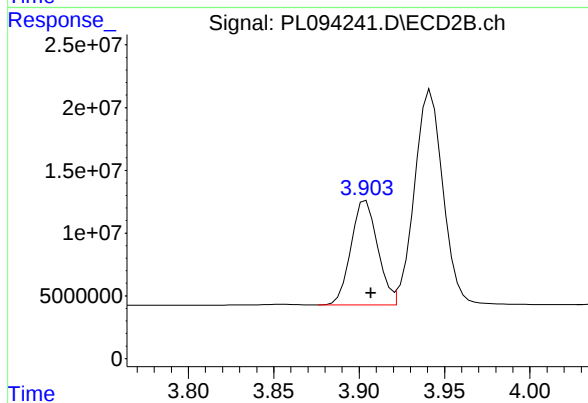
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: -0.003 min
Response: 204623306
Conc: 44.86 ng/ml



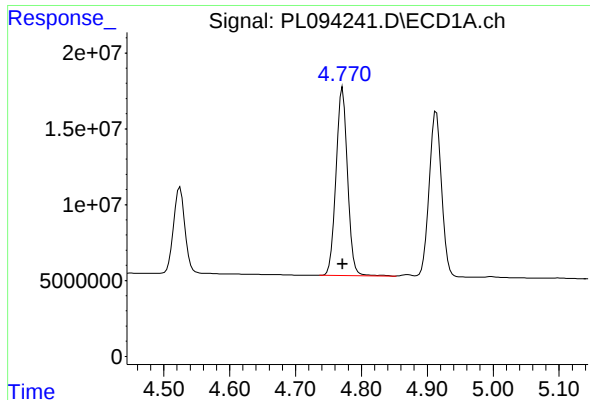
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 68134981
Conc: 42.39 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 90250908
Conc: 45.18 ng/ml



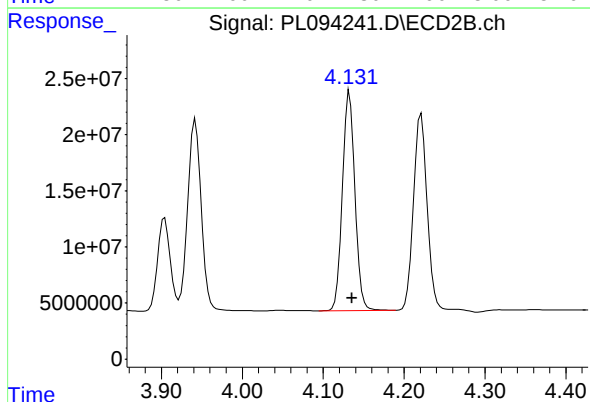
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 150993773
Conc: 43.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

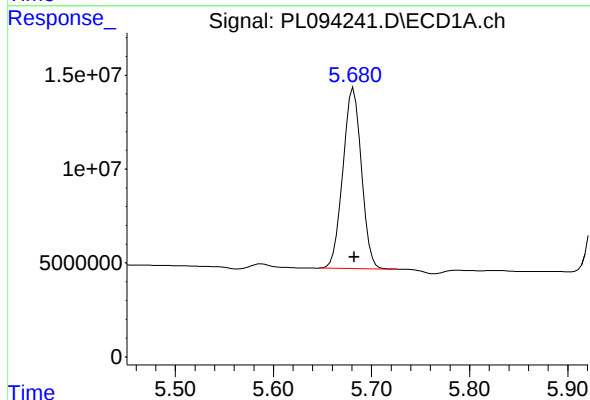
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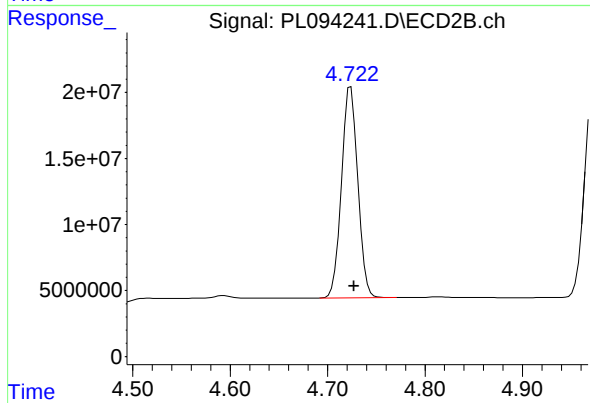
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 210783945
Conc: 44.36 ng/ml



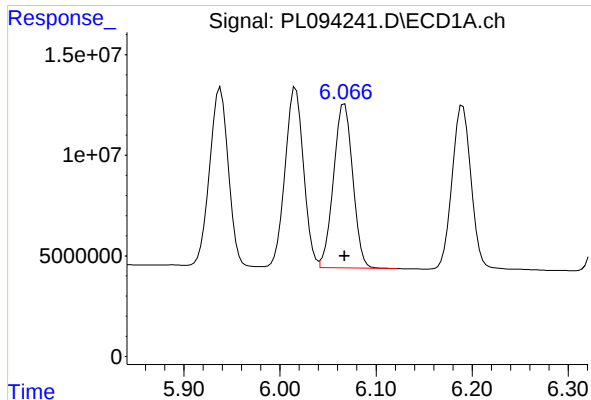
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 126063445
Conc: 42.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 185869688
Conc: 44.46 ng/ml



#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 111695846
Conc: 42.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#9 Endosulfan I

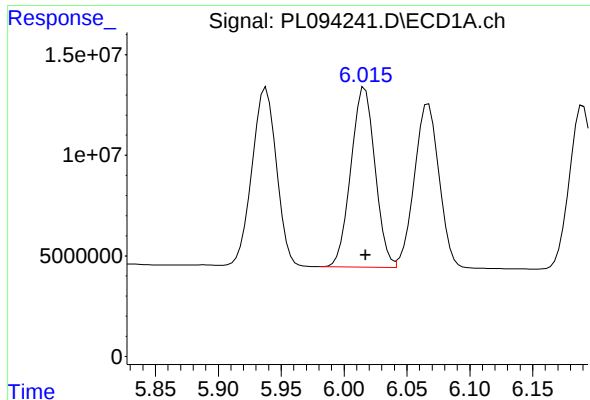
R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 166287208
Conc: 42.89 ng/ml

#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 119767133
Conc: 42.97 ng/ml

#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.004 min
Response: 189665914
Conc: 44.76 ng/ml



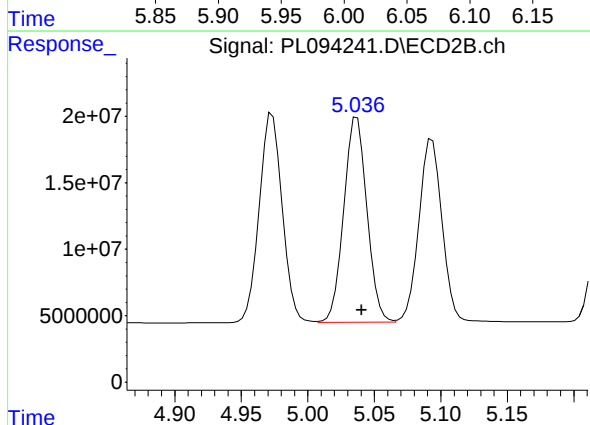
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 119227647
Conc: 42.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

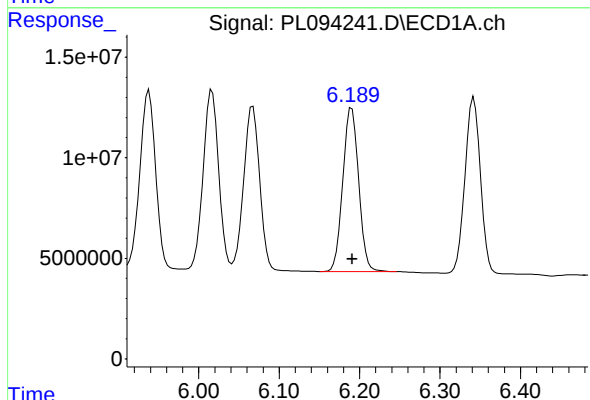
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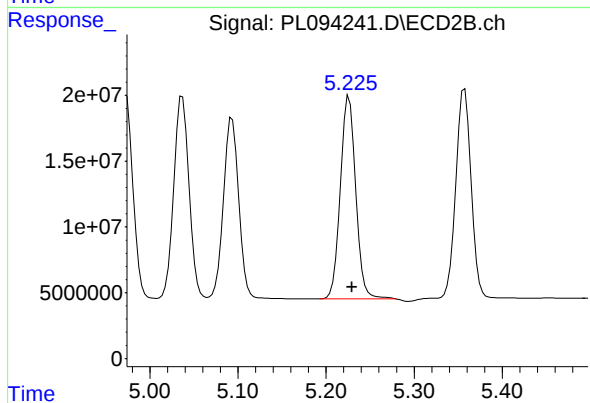
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 187131754
Conc: 44.70 ng/ml



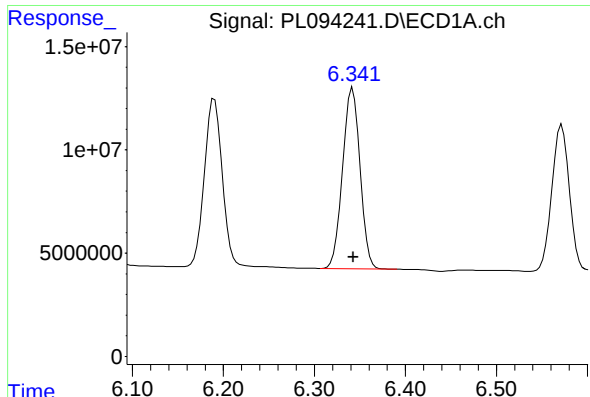
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.001 min
Response: 111516157
Conc: 45.80 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 187567674
Conc: 46.78 ng/ml



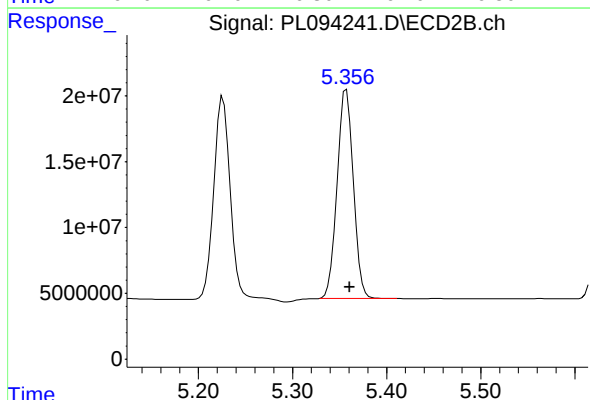
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 117038256
Conc: 42.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

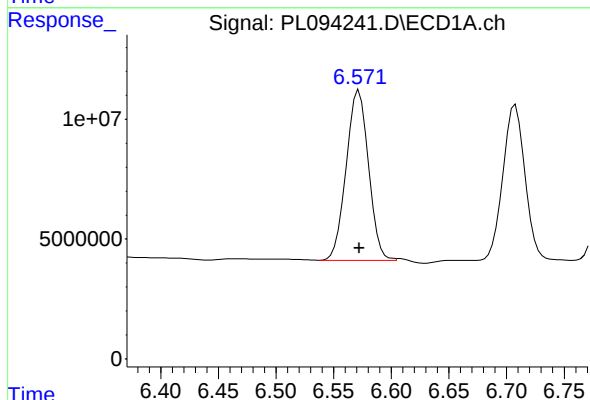
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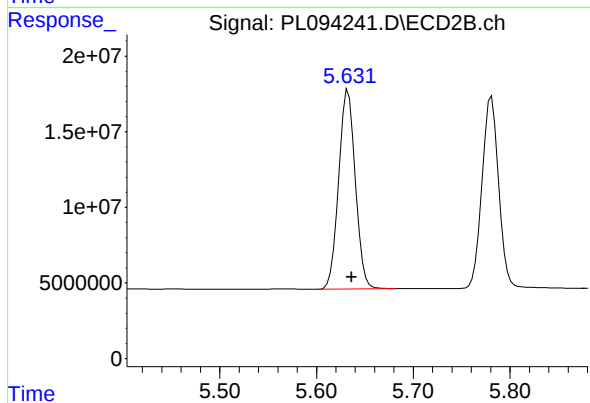
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.004 min
Response: 190638673
Conc: 44.38 ng/ml



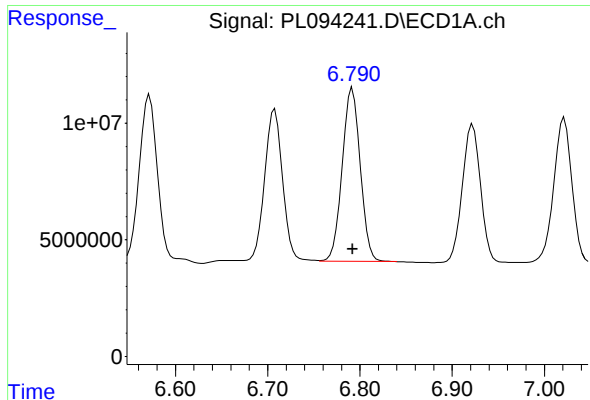
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 95621518
Conc: 40.78 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.005 min
Response: 157540503
Conc: 42.66 ng/ml m



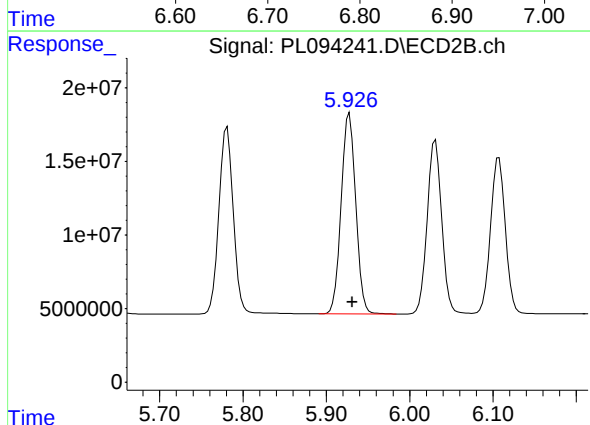
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 100741372
Conc: 41.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

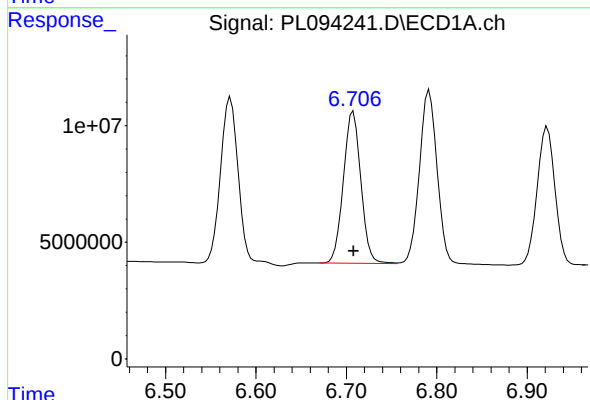
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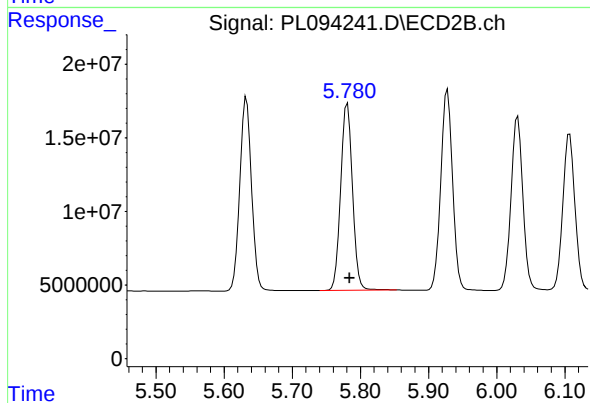
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.005 min
Response: 165494987
Conc: 44.68 ng/ml m



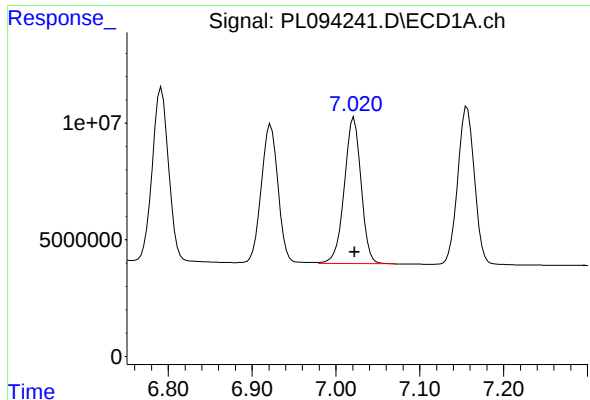
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 87515139
Conc: 46.05 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 152076221
Conc: 48.18 ng/ml m



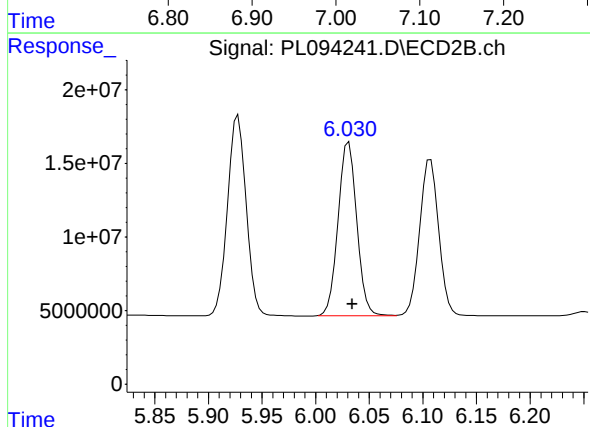
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 86752419
Conc: 43.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

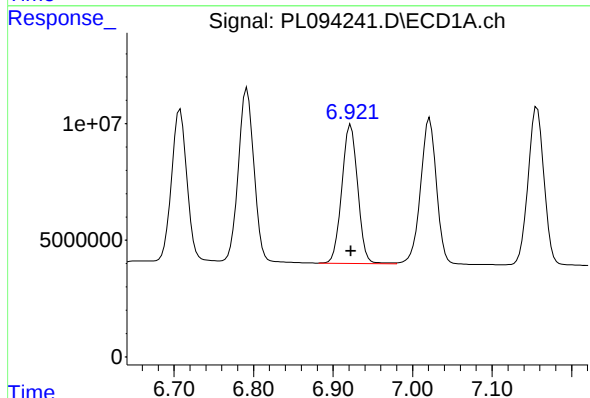
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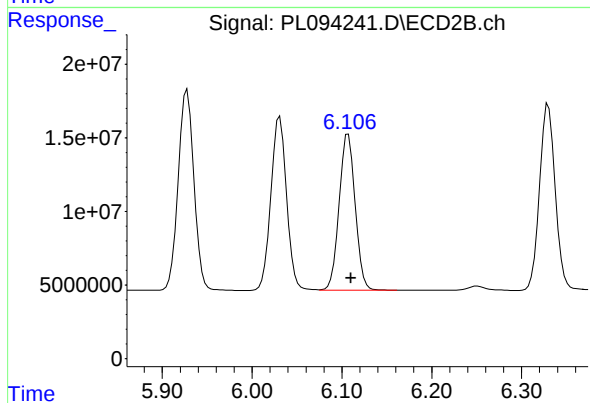
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 143006407
Conc: 43.95 ng/ml



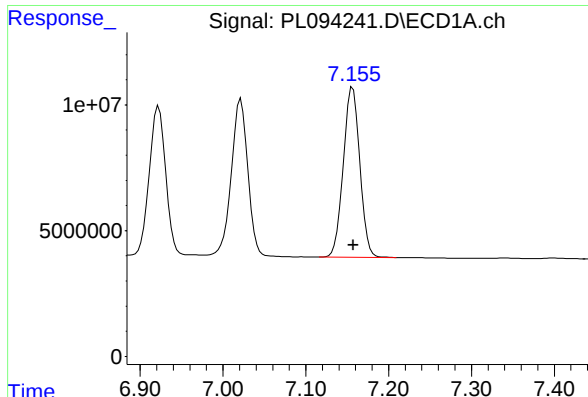
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 82437919
Conc: 42.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 131226030
Conc: 43.10 ng/ml



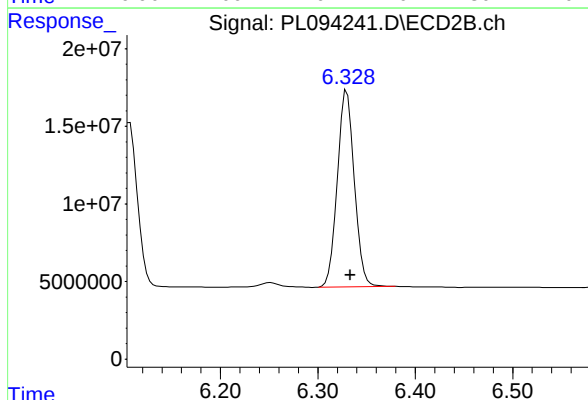
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 93830128
Conc: 41.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

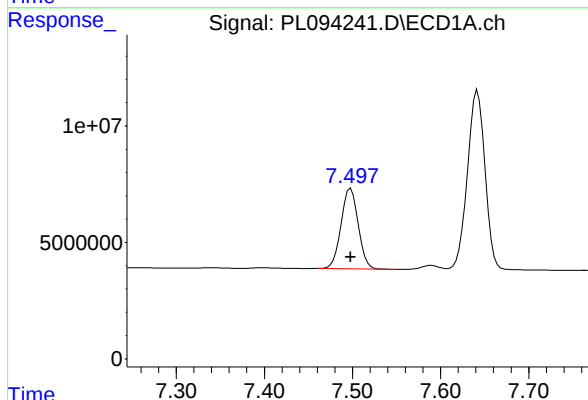
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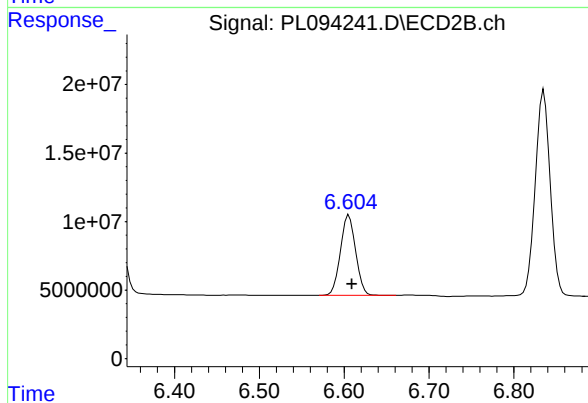
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: -0.004 min
Response: 153537261
Conc: 43.05 ng/ml



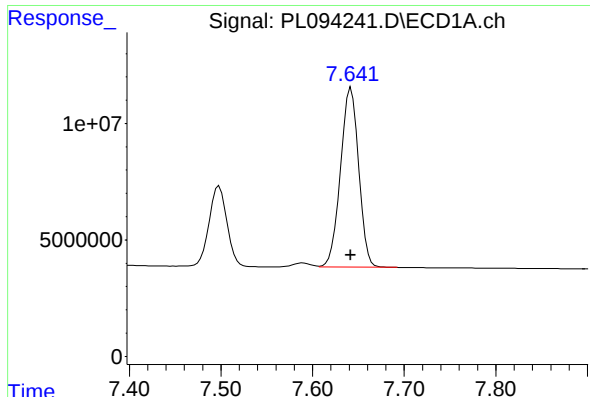
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 46676579
Conc: 44.74 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.004 min
Response: 73339652
Conc: 41.01 ng/ml



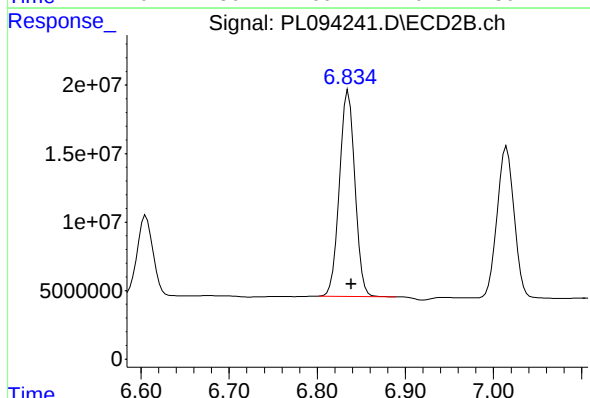
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 106763329
Conc: 42.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

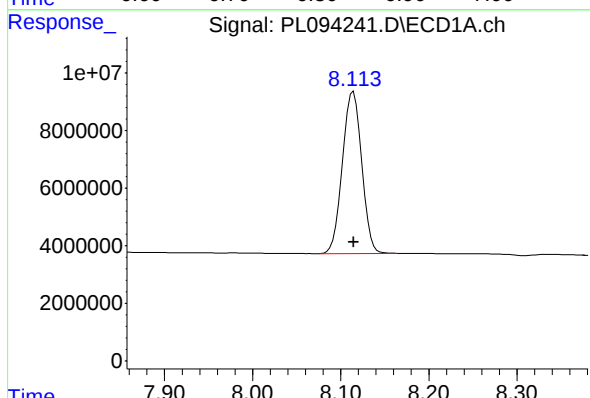
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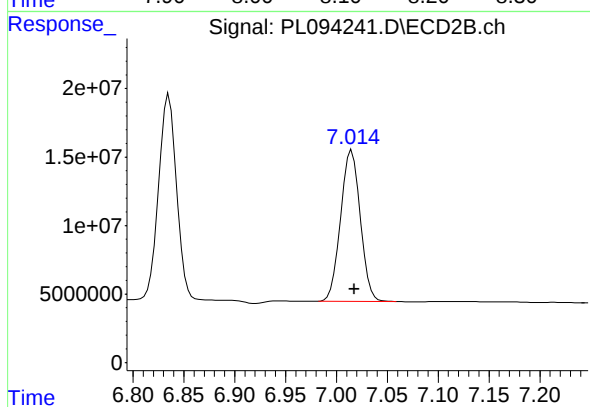
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.004 min
Response: 183365221
Conc: 43.71 ng/ml



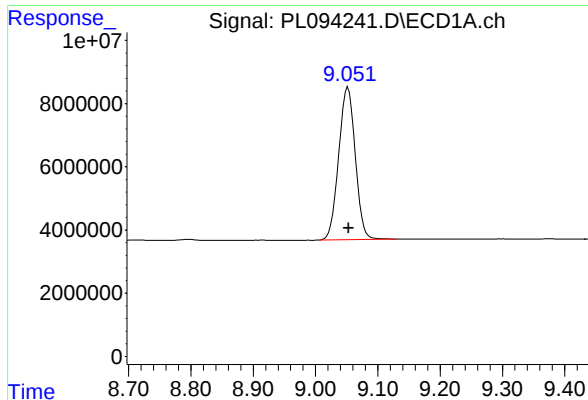
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 85886871
Conc: 41.24 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 148354892
Conc: 43.87 ng/ml



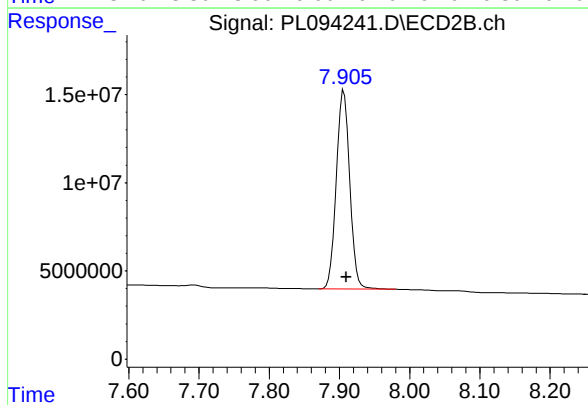
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 89053683
Conc: 42.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.003 min
Response: 149766756
Conc: 42.74 ng/ml