

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032725\
 Data File : PL094898.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2025 11:03
 Operator : AR\AJ
 Sample : PB167311BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167311BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/28/2025
 Supervised By : mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 12:42:56 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...	3.544	2.770	56893842	76512205	20.099	21.436
28)	SA Decachlor...	9.060	7.905	51878190	84853165	24.616	21.007
Target Compounds							
2)	A alpha-BHC	4.000	3.273	182.7E6	278.0E6	44.003	51.565
3)	MA gamma-BHC...	4.333	3.602	174.7E6	257.3E6	43.773	50.070
4)	MA Heptachlor	4.921	3.940	167.8E6	248.4E6	43.226	47.156
5)	MB Aldrin	5.262	4.219	159.7E6	231.5E6	43.255	47.477
6)	B beta-BHC	4.532	3.903	79621912	110.8E6	43.150	49.890
7)	B delta-BHC	4.778	4.131	182.7E6	248.1E6	46.916	49.602
8)	B Heptachlo...	5.689	4.722	147.9E6	219.5E6	44.213	47.945
9)	A Endosulfan I	6.074	5.092	137.4E6	189.8E6	44.750	43.247
10)	B gamma-Chl...	5.944	4.973	148.7E6	231.3E6	44.126	47.895
11)	B alpha-Chl...	6.023	5.036	147.1E6	227.2E6	44.630	47.602
12)	B 4,4'-DDE	6.198	5.223	144.3E6	232.5E6	49.033	50.015m
13)	MA Dieldrin	6.349	5.355	144.4E6	237.6E6	45.154	48.962m
14)	MA Endrin	6.577	5.632	122.6E6	219.4E6	44.214m	50.279
15)	B Endosulfa...	6.799	5.927	123.9E6	213.2E6	45.647	49.247
16)	A 4,4'-DDD	6.714	5.780	109.7E6	193.4E6	50.643	53.778
17)	MA 4,4'-DDT	7.028	6.029	115.2E6	207.3E6	48.416	51.403
18)	B Endrin al...	6.929	6.106	98370009	165.1E6	46.599	49.048
19)	B Endosulfa...	7.164	6.329	109.9E6	203.2E6	45.194	49.879
20)	A Methoxychlor	7.504	6.605	60742239	108.4E6	50.742	51.096
21)	B Endrin ke...	7.649	6.833	127.8E6	242.7E6	48.365	50.860m
22)	Mirex	8.120	7.012	93048224	179.8E6	45.032	47.372m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032725\
Data File : PL094898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:03
Operator : AR\AJ
Sample : PB167311BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

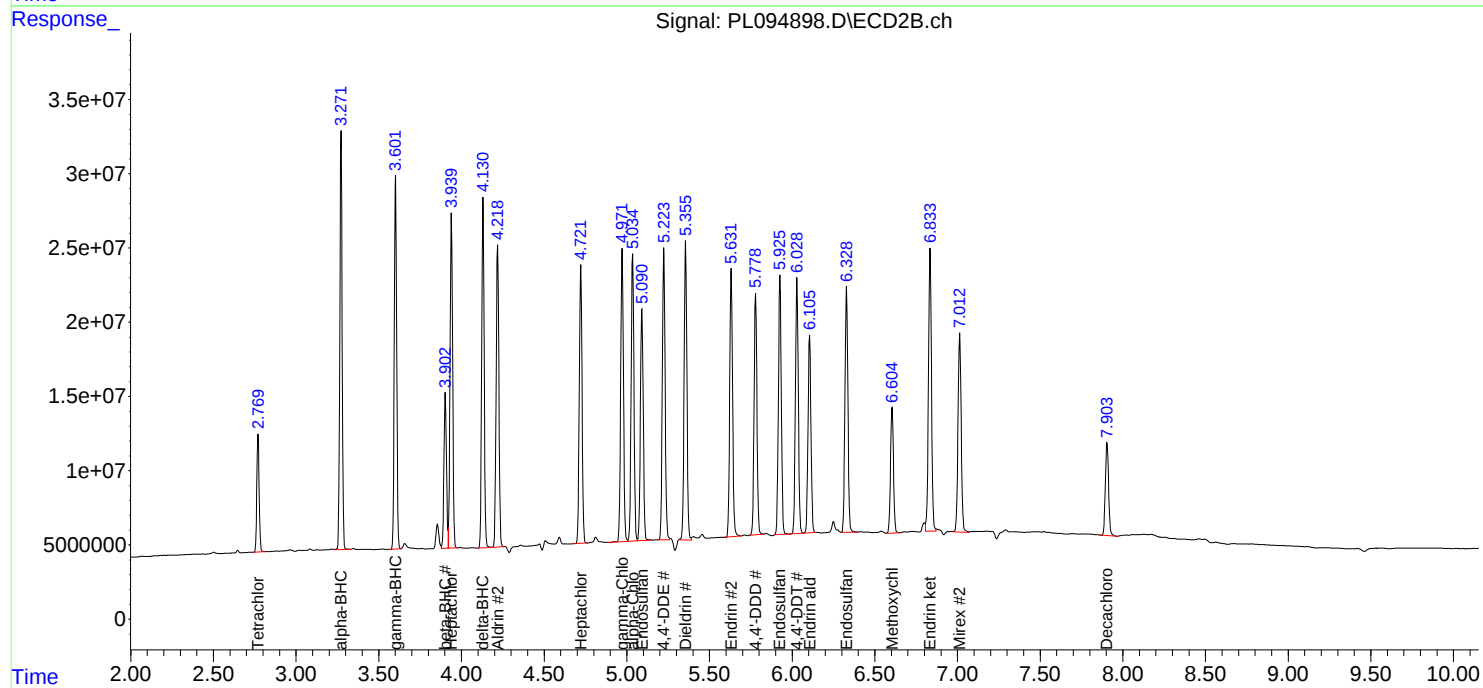
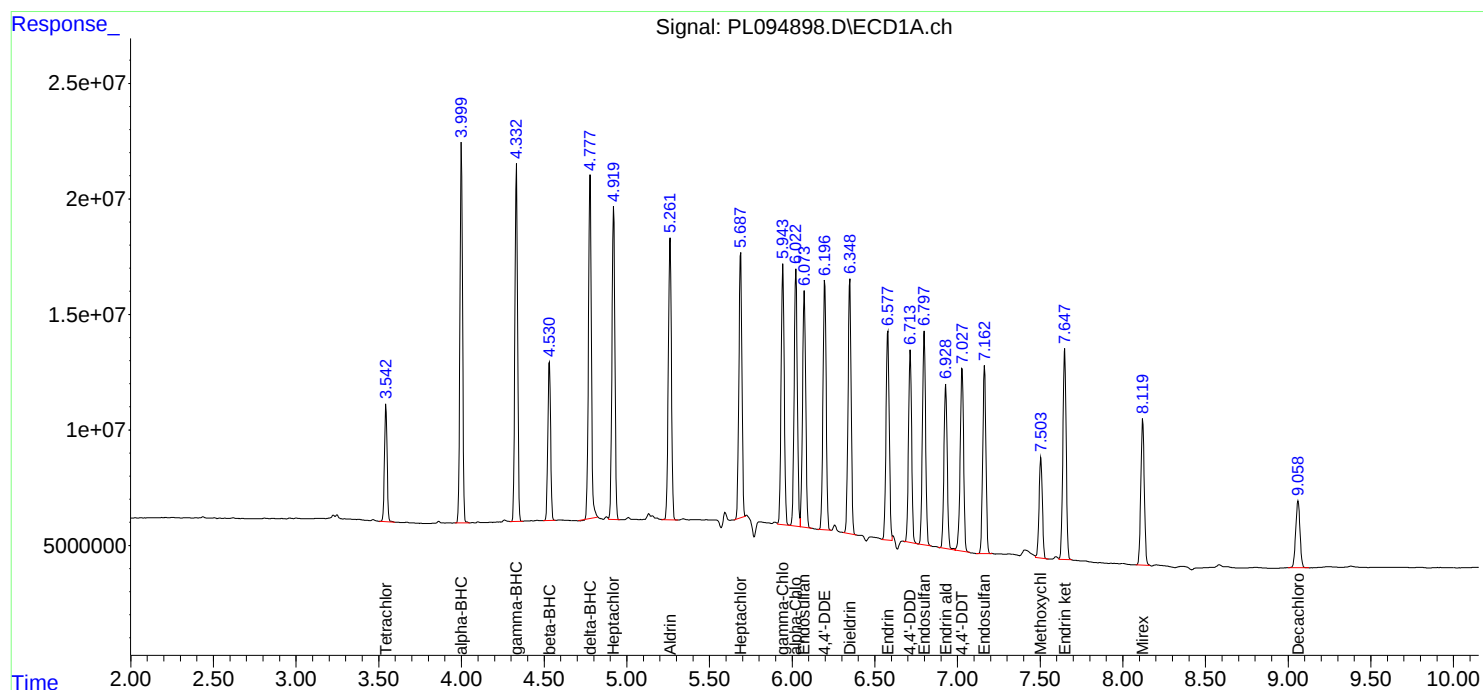
Instrument :
ECD_L
ClientSampleId :
PB167311BS

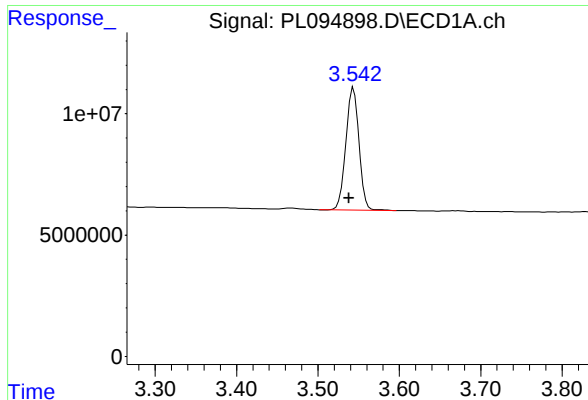
Manual Integrations
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Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 12:42:56 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





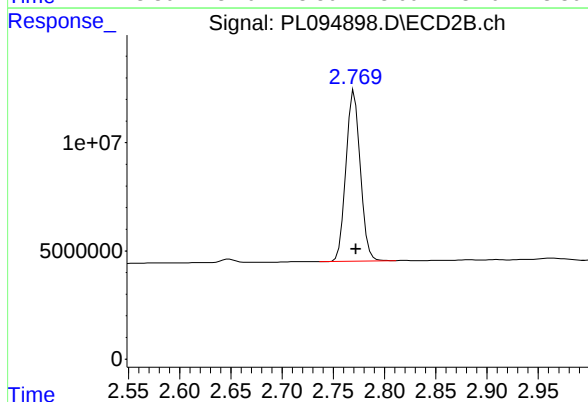
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.006 min
Response: 56893842
Conc: 20.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

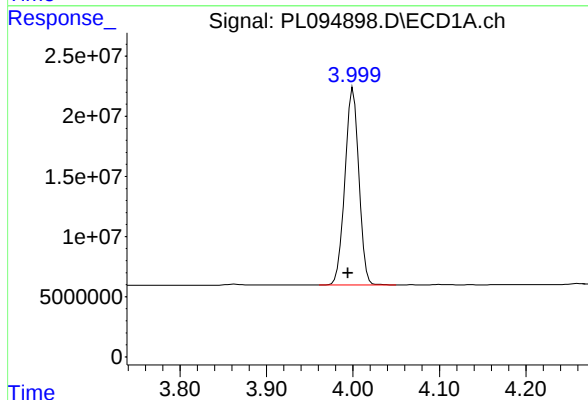
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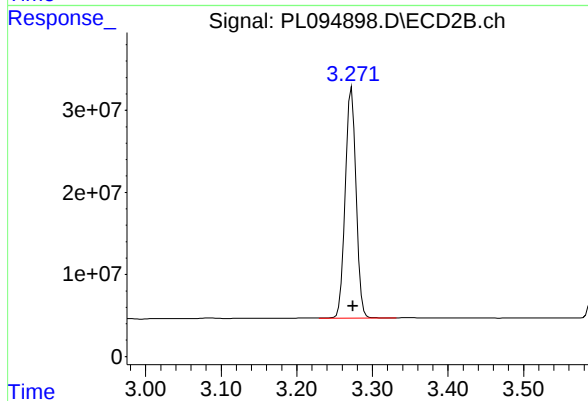
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 76512205
Conc: 21.44 ng/ml



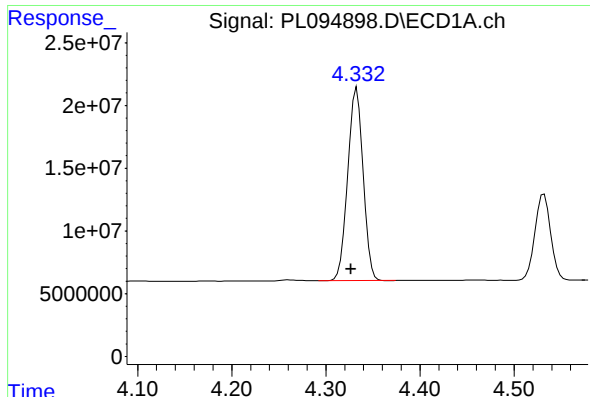
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.006 min
Response: 182716573
Conc: 44.00 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 278007251
Conc: 51.57 ng/ml



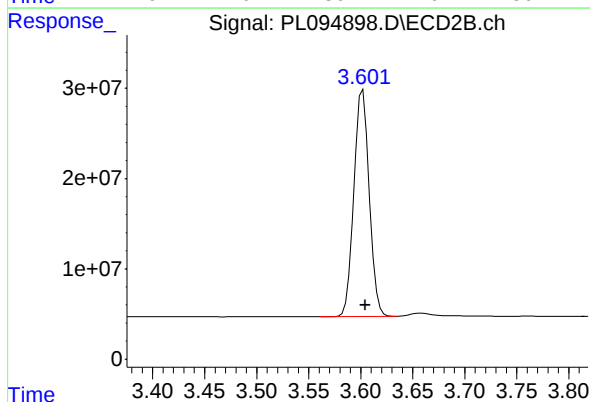
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.006 min
Response: 174666711
Conc: 43.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

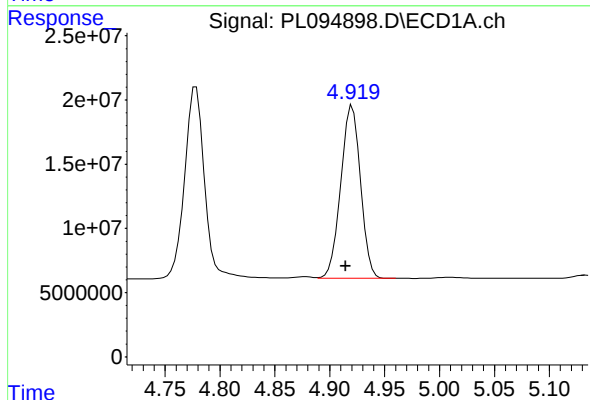
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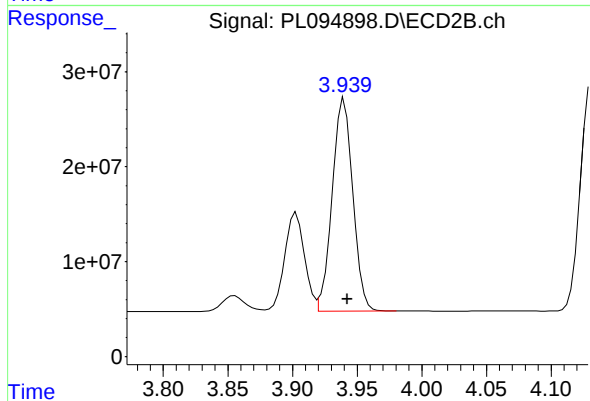
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 257332469
Conc: 50.07 ng/ml



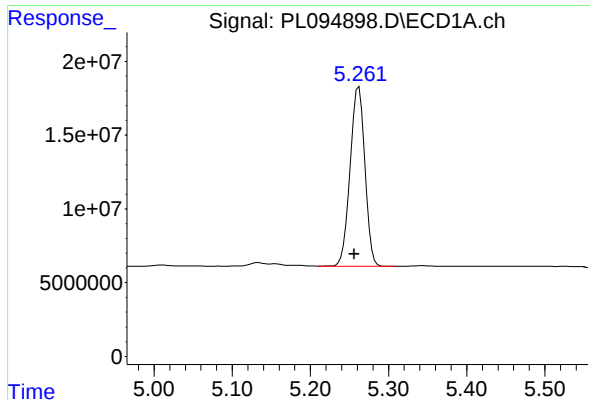
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.006 min
Response: 167786070
Conc: 43.23 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 248446689
Conc: 47.16 ng/ml



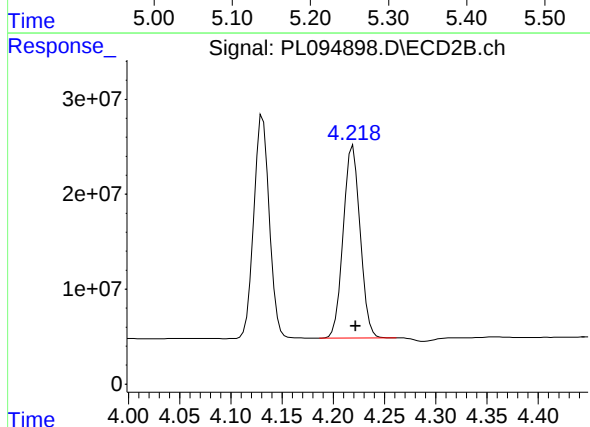
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.006 min
Response: 159708563
Conc: 43.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

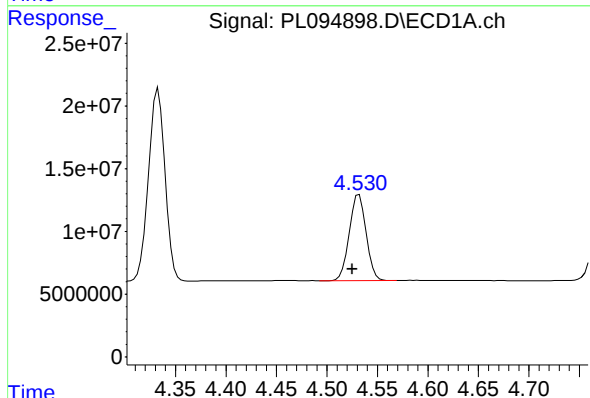
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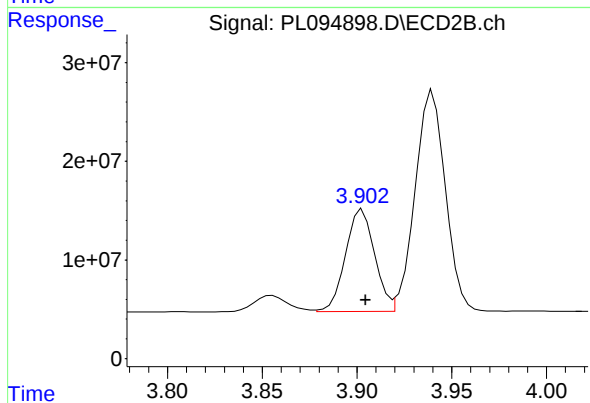
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 231512369
Conc: 47.48 ng/ml



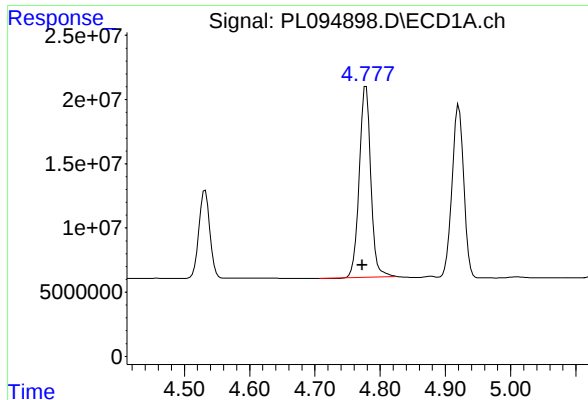
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.006 min
Response: 79621912
Conc: 43.15 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 110820420
Conc: 49.89 ng/ml



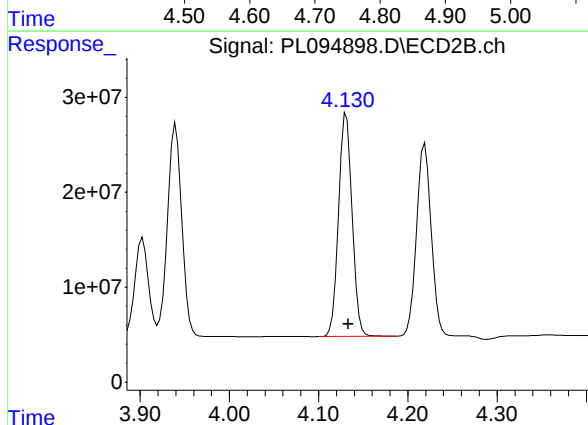
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.006 min
Response: 182705746
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

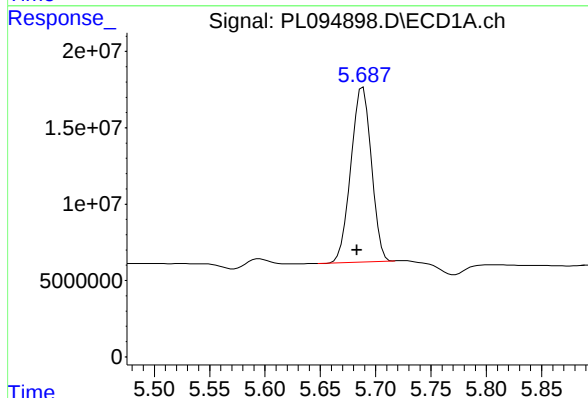
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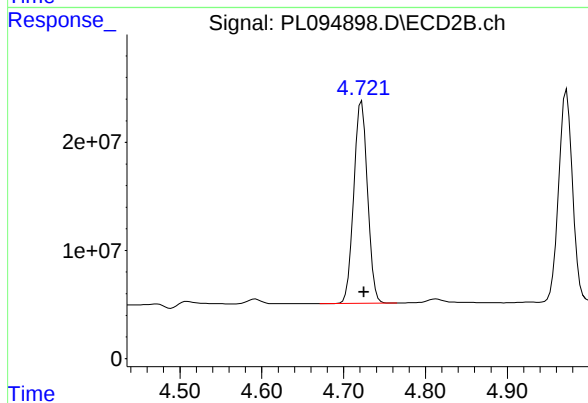
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 248109681
Conc: 49.60 ng/ml



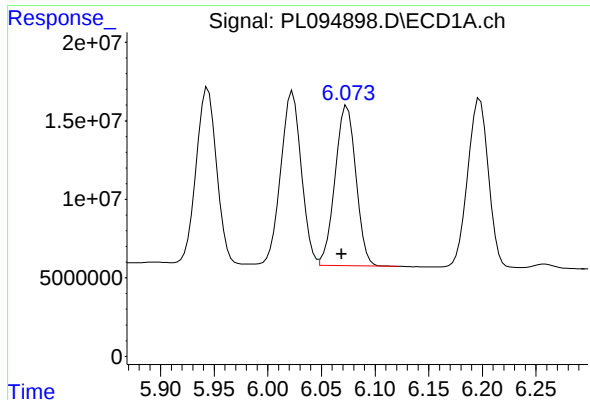
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.005 min
Response: 147900382
Conc: 44.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.002 min
Response: 219518835
Conc: 47.94 ng/ml



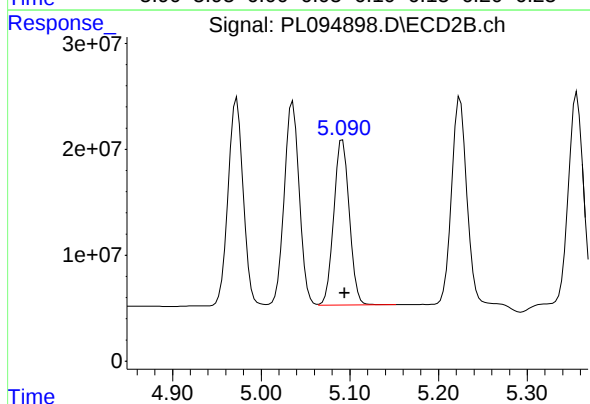
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.005 min
Response: 137391679
Conc: 44.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

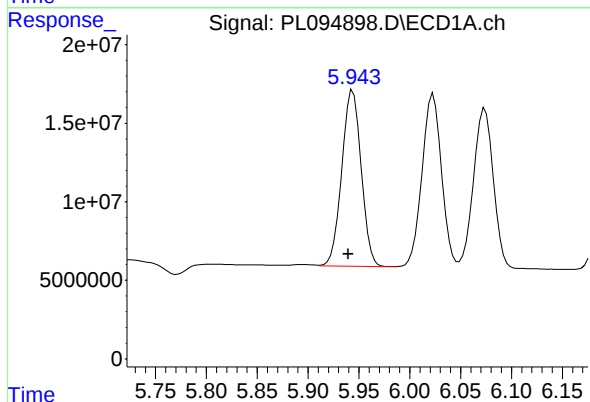
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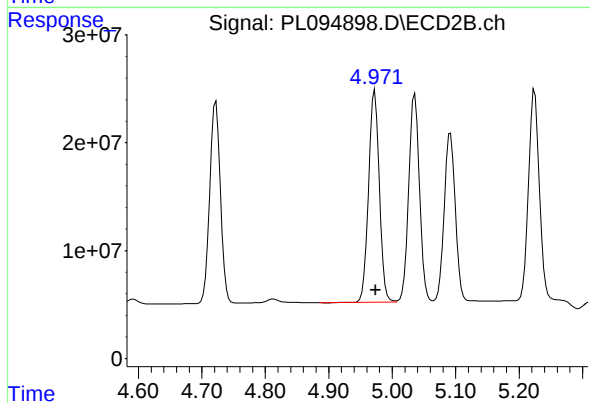
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 189801141
Conc: 43.25 ng/ml



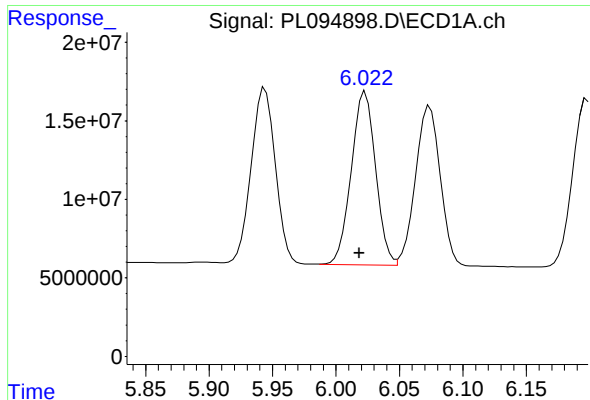
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.004 min
Response: 148676126
Conc: 44.13 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.001 min
Response: 231255740
Conc: 47.89 ng/ml



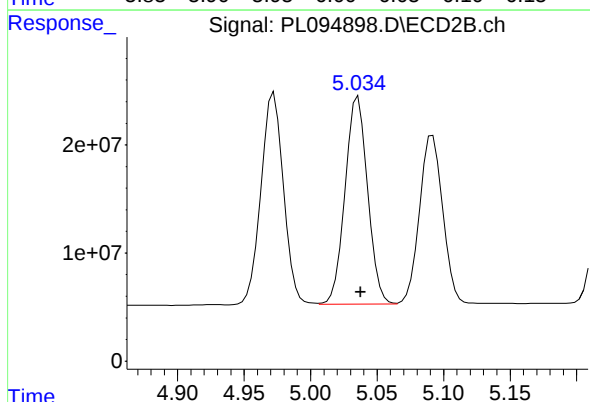
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.005 min
Response: 147137659
Conc: 44.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

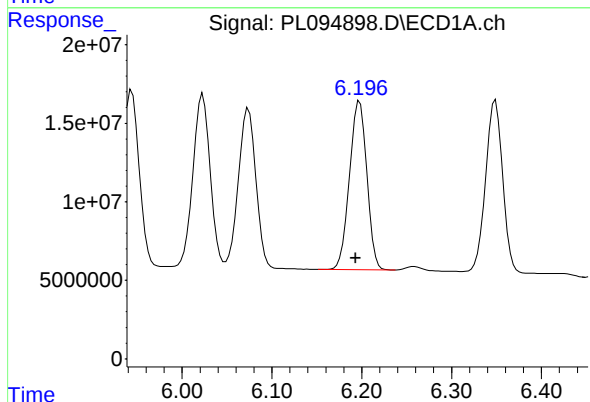
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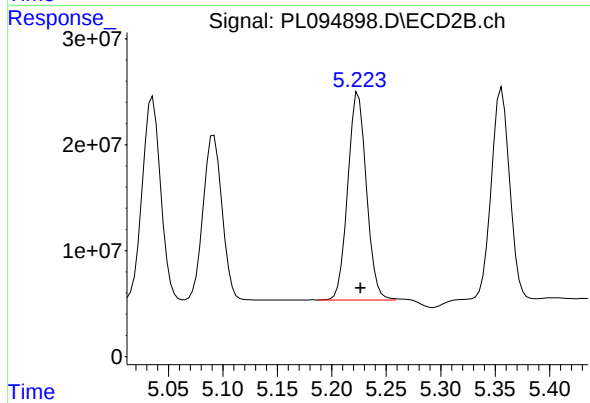
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 227192773
Conc: 47.60 ng/ml



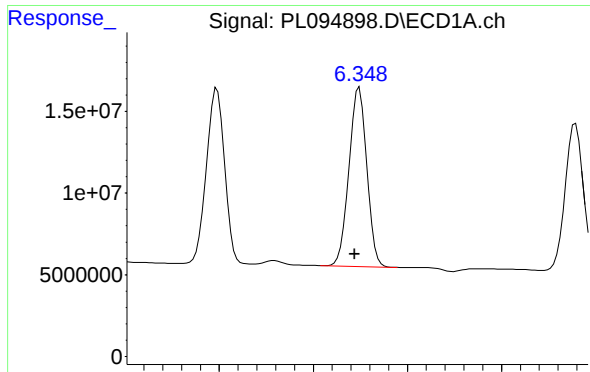
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.005 min
Response: 144258824
Conc: 49.03 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 232495289
Conc: 50.01 ng/ml m



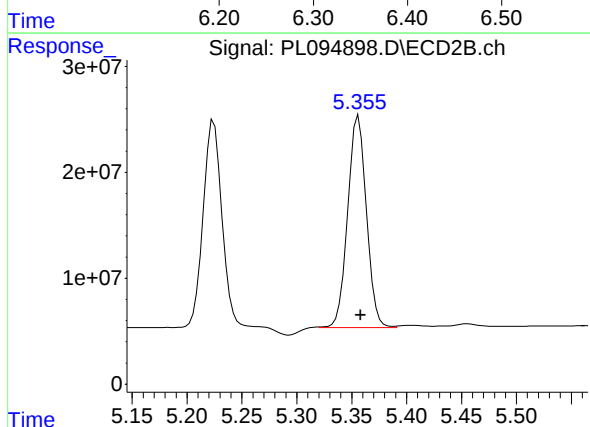
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.005 min
Response: 144408068
Conc: 45.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

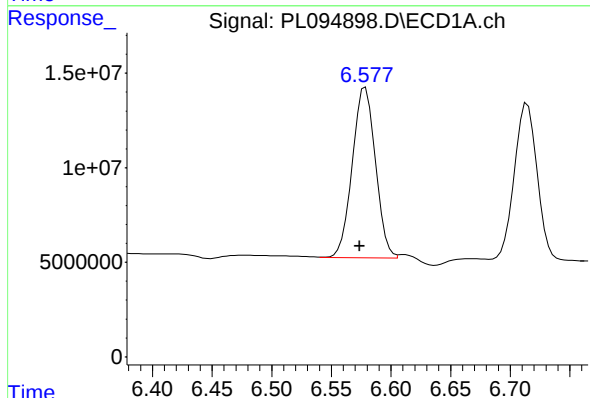
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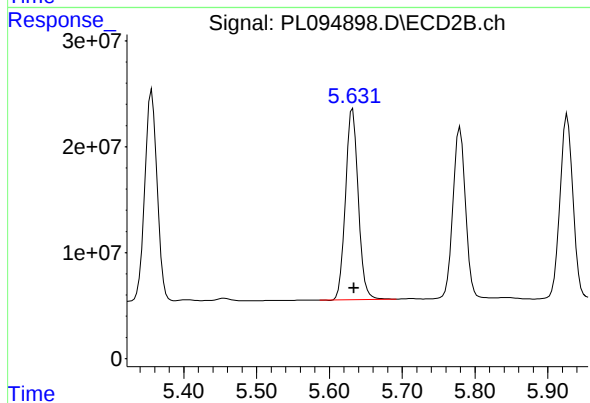
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 237556465
Conc: 48.96 ng/ml



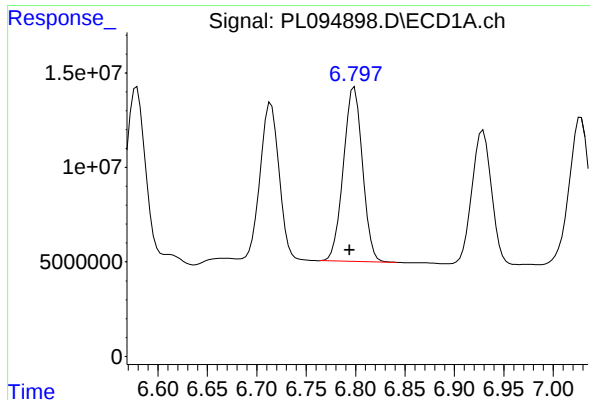
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.004 min
Response: 122563545
Conc: 44.21 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 219398733
Conc: 50.28 ng/ml



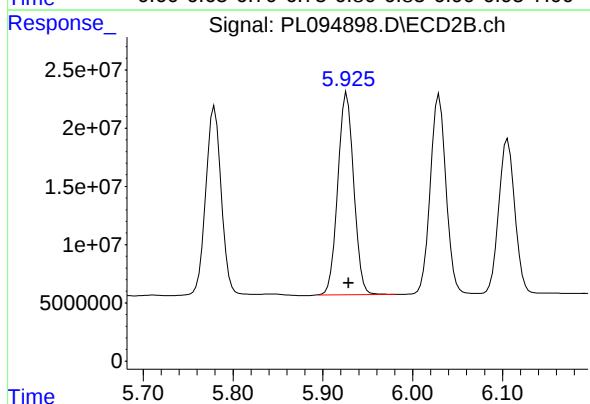
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.005 min
Response: 123919526
Conc: 45.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

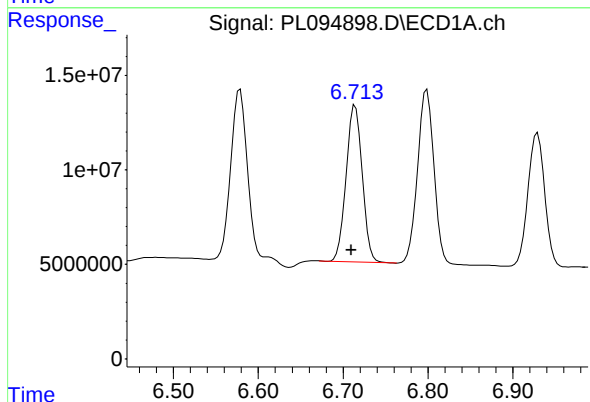
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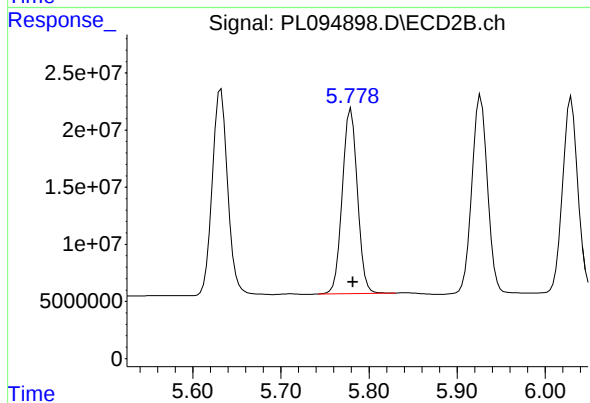
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.002 min
Response: 213155312
Conc: 49.25 ng/ml



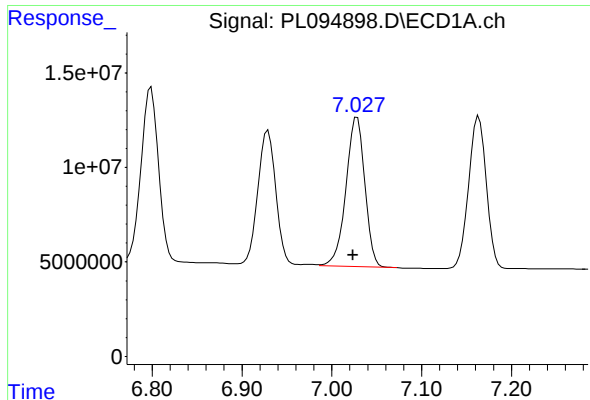
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.004 min
Response: 109697209
Conc: 50.64 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 193380951
Conc: 53.78 ng/ml



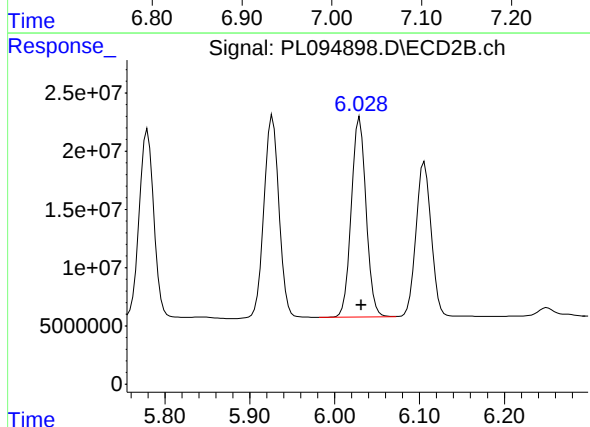
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.004 min
Response: 115160323
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

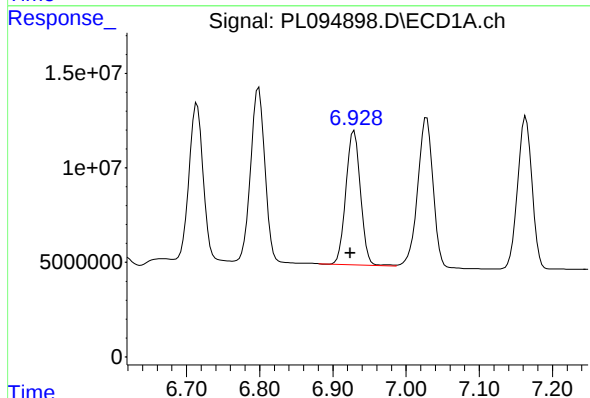
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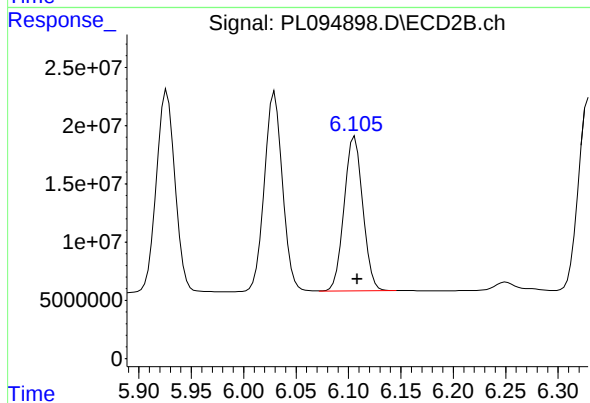
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 207260576
Conc: 51.40 ng/ml



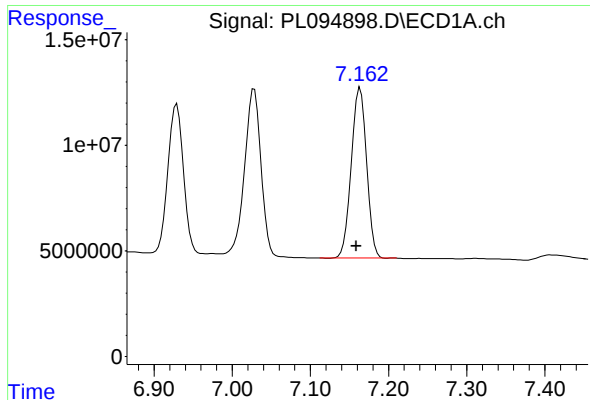
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.005 min
Response: 98370009
Conc: 46.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 165065874
Conc: 49.05 ng/ml



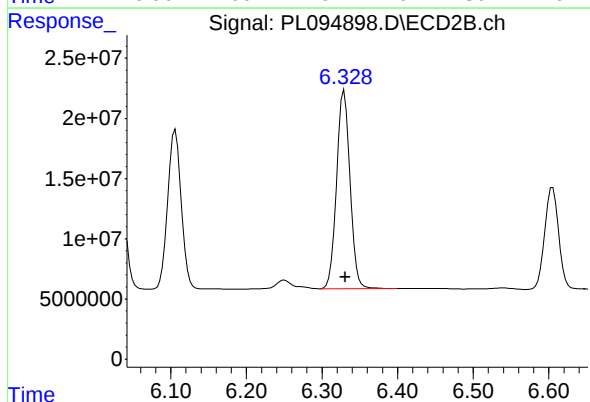
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.005 min
Response: 109911548
Conc: 45.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

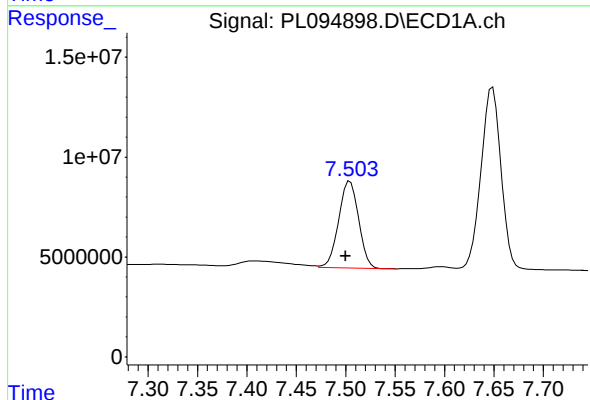
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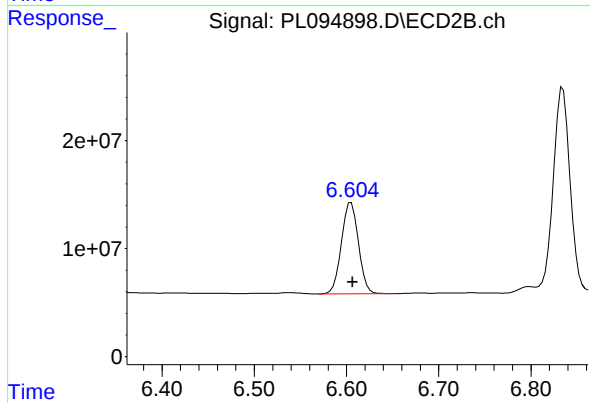
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 203178923
Conc: 49.88 ng/ml



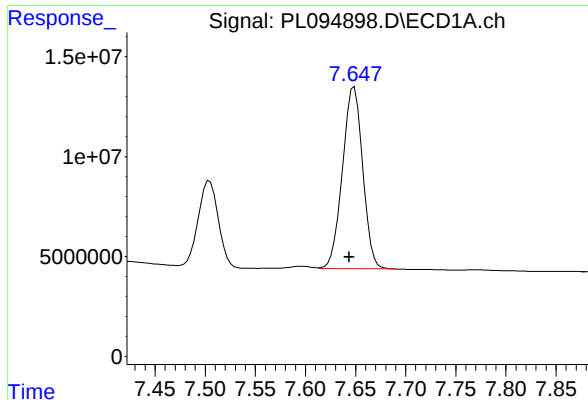
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.005 min
Response: 60742239
Conc: 50.74 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 108378015
Conc: 51.10 ng/ml



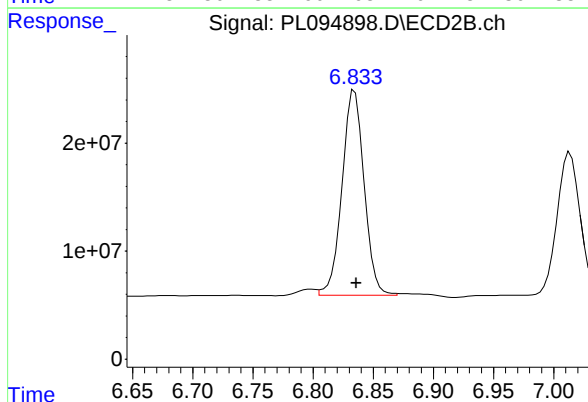
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.005 min
Response: 127841658
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

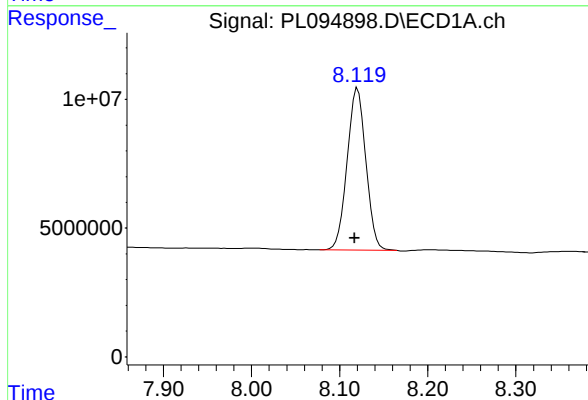
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



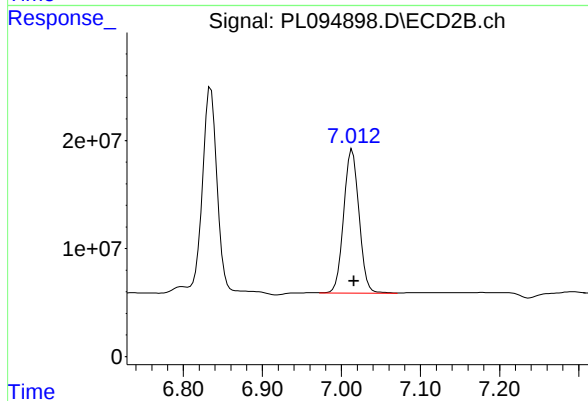
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 242734689
Conc: 50.86 ng/ml m



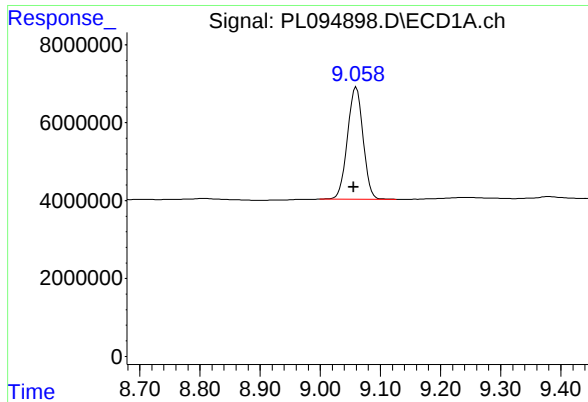
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.004 min
Response: 93048224
Conc: 45.03 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 179791345
Conc: 47.37 ng/ml m



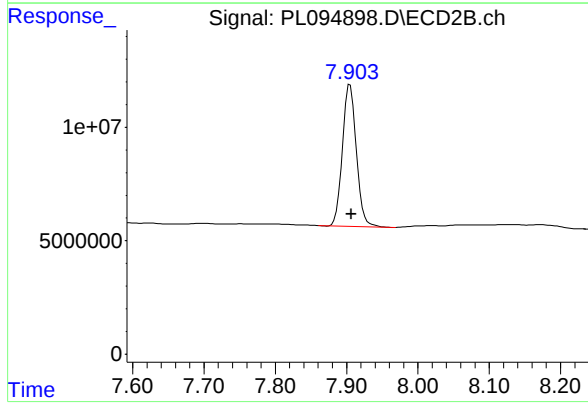
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.004 min
Response: 51878190
Conc: 24.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

Manual Integrations
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Supervised By :mohammad ahmed 03/31/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 84853165
Conc: 21.01 ng/ml