

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032125\
 Data File : PL094799.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2025 17:28
 Operator : AR\AJ
 Sample : PB167250BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167250BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2025
 Supervised By : mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 23:25:00 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...	3.537	2.770	57757993	77878168	20.404	21.819
28)	SA Decachlor...	9.055	7.905	52669407	88717921	24.992	21.963
Target Compounds							
2)	A alpha-BHC	3.993	3.272	191.6E6	279.1E6	46.139	51.776
3)	MA gamma-BHC...	4.326	3.602	186.6E6	260.8E6	46.769	50.746
4)	MA Heptachlor	4.913	3.940	179.1E6	263.4E6	46.139	49.991
5)	MB Aldrin	5.256	4.220	169.6E6	246.6E6	45.948	50.563
6)	B beta-BHC	4.525	3.903	86632600	115.7E6	46.950	52.108
7)	B delta-BHC	4.772	4.131	194.6E6	262.5E6	49.959	52.488
8)	B Heptachlo...	5.681	4.722	160.0E6	237.7E6	47.833m	51.906
9)	A Endosulfan I	6.069	5.092	149.0E6	225.8E6	48.515	51.447
10)	B gamma-Chl...	5.939	4.972	159.3E6	249.7E6	47.292	51.708
11)	B alpha-Chl...	6.017	5.035	157.6E6	245.3E6	47.814	51.396
12)	B 4,4'-DDE	6.192	5.223	157.3E6	249.6E6	53.452	53.691m
13)	MA Dieldrin	6.344	5.355	156.6E6	250.5E6	48.966	51.623m
14)	MA Endrin	6.572	5.632	131.5E6	222.7E6	47.421m	51.026
15)	B Endosulfa...	6.794	5.927	136.7E6	223.7E6	50.353	51.675
16)	A 4,4'-DDD	6.710	5.780	121.0E6	202.1E6	55.872	56.202
17)	MA 4,4'-DDT	7.023	6.029	127.5E6	214.7E6	53.621	53.239
18)	B Endrin al...	6.924	6.106	107.0E6	173.4E6	50.689	51.522
19)	B Endosulfa...	7.159	6.329	124.5E6	216.8E6	51.184	53.218
20)	A Methoxychlor	7.499	6.605	65730939	113.1E6	54.910	53.301
21)	B Endrin ke...	7.644	6.833	139.4E6	251.9E6	52.745	52.778m
22)	Mirex	8.117	7.014	101.4E6	195.5E6	49.066	51.501

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032125\
Data File : PL094799.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2025 17:28
Operator : AR\AJ
Sample : PB167250BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

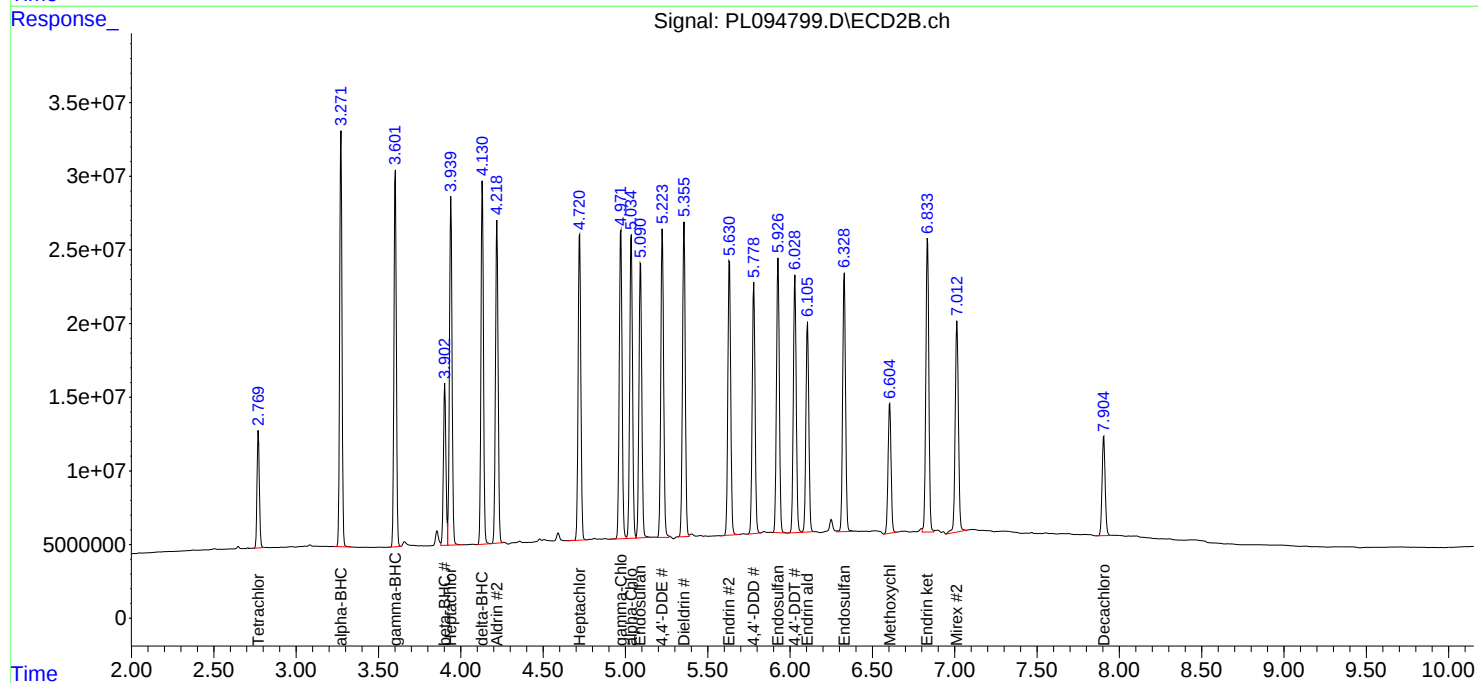
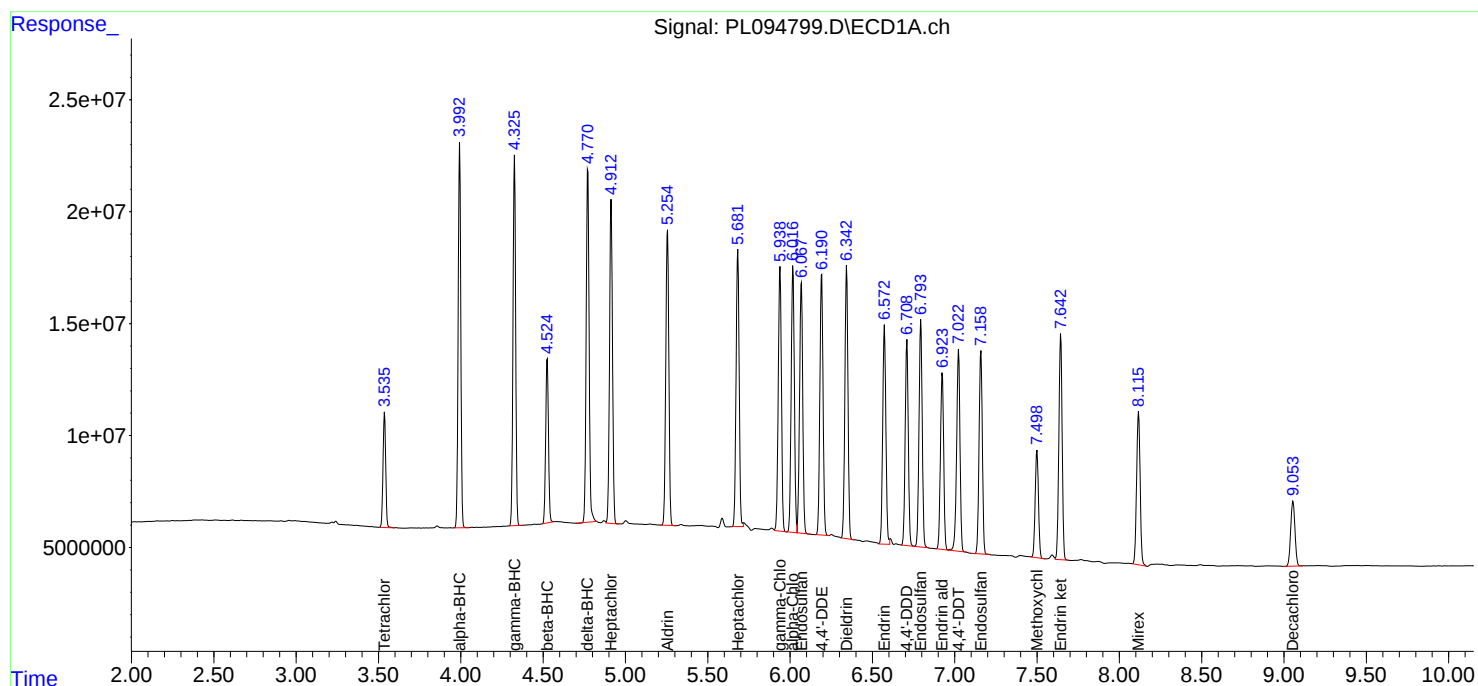
Instrument :
ECD_L
ClientSampleId :
PB167250BS

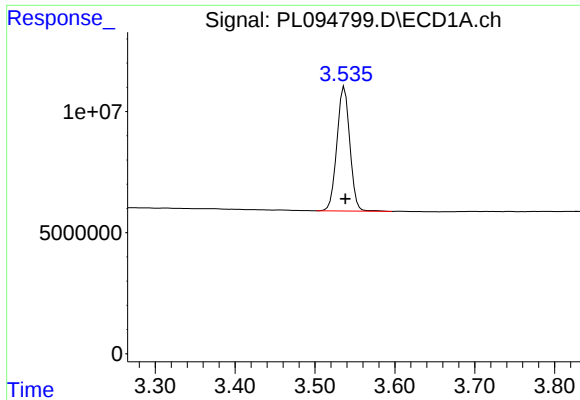
Manual Integrations
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Supervised By :mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 23:25:00 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





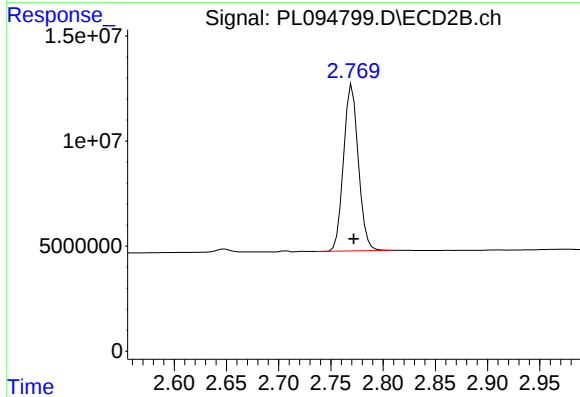
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.001 min
Response: 57757993
Conc: 20.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

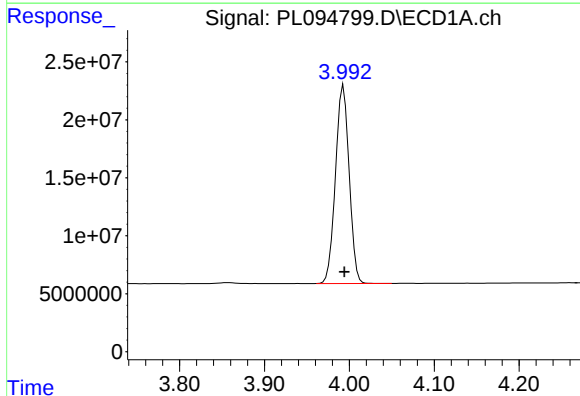
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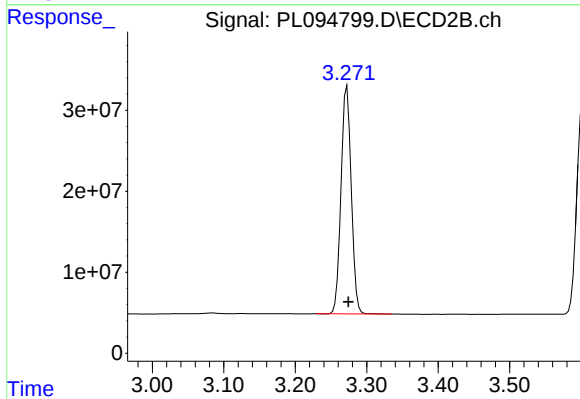
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 77878168
Conc: 21.82 ng/ml



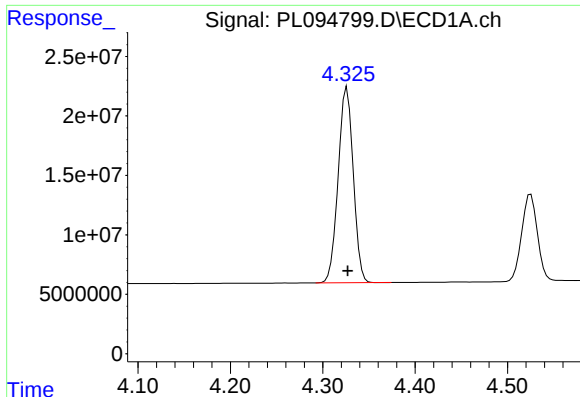
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 191583721
Conc: 46.14 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 279144652
Conc: 51.78 ng/ml



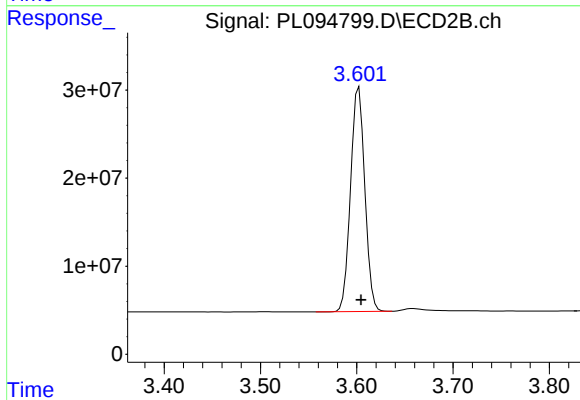
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 186620521
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

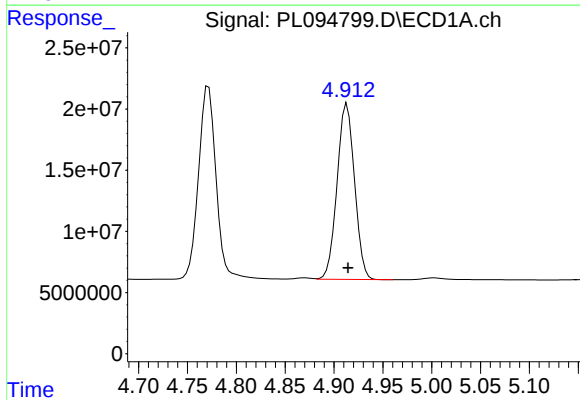
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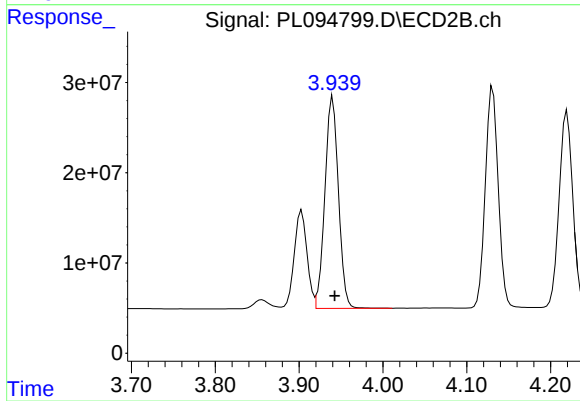
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 260805109
Conc: 50.75 ng/ml



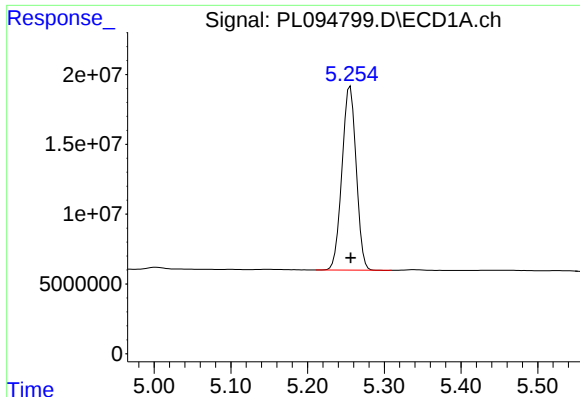
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 179094950
Conc: 46.14 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 263384031
Conc: 49.99 ng/ml



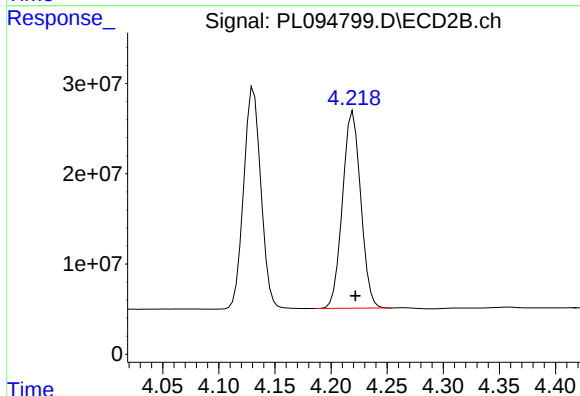
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 169649141
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

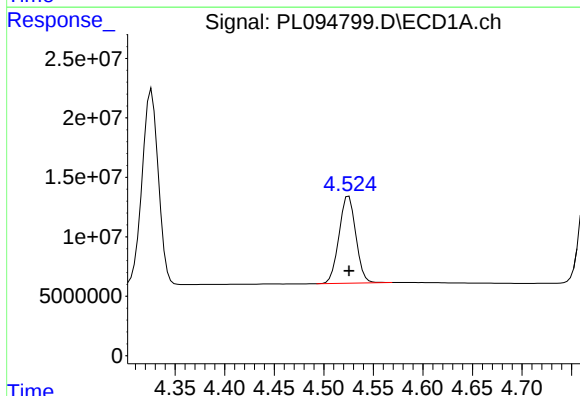
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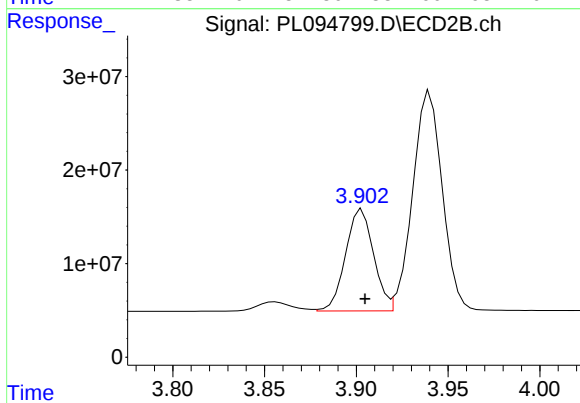
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 246563300
Conc: 50.56 ng/ml



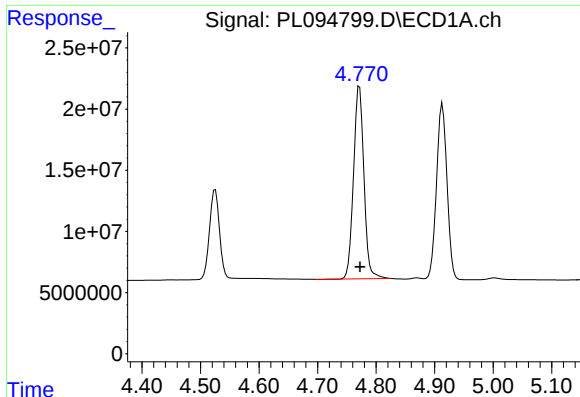
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 86632600
Conc: 46.95 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 115746238
Conc: 52.11 ng/ml



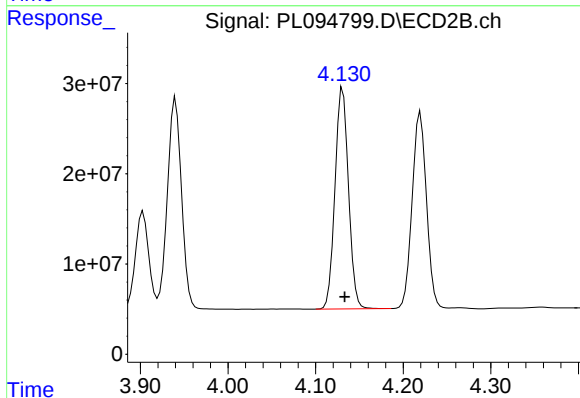
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.001 min
Response: 194557373
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

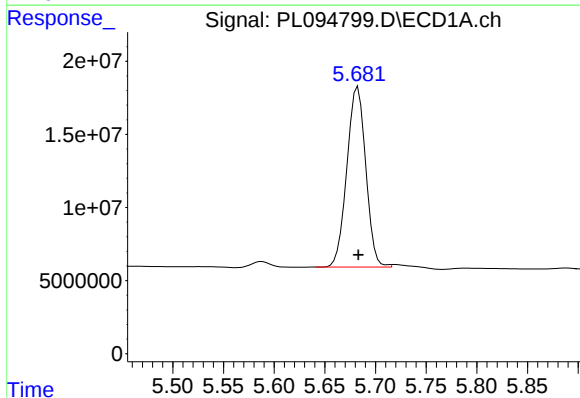
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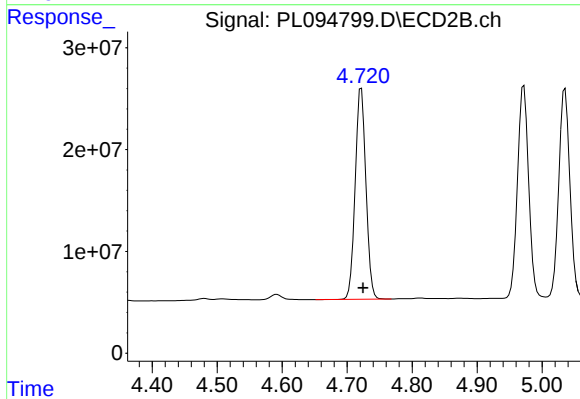
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 262544337
Conc: 52.49 ng/ml



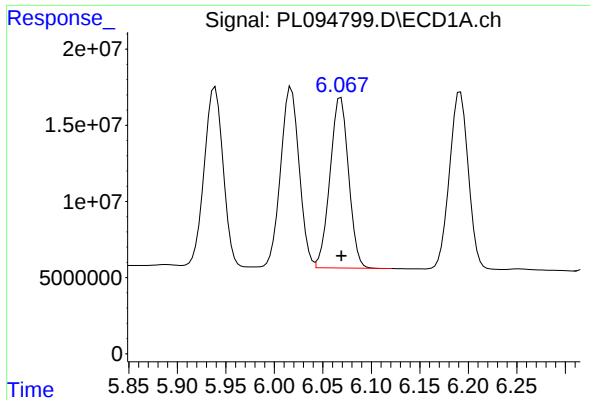
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 160011381
Conc: 47.83 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 237654277
Conc: 51.91 ng/ml



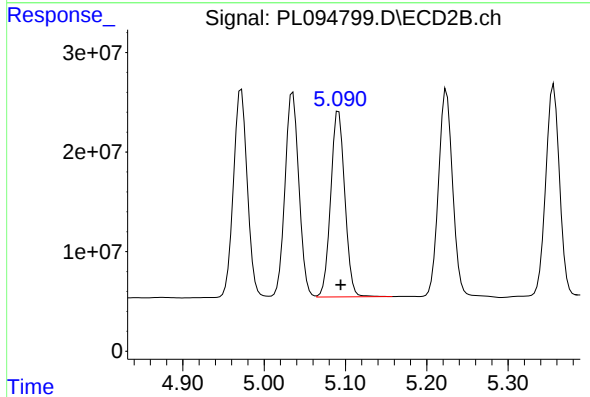
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 148950449
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

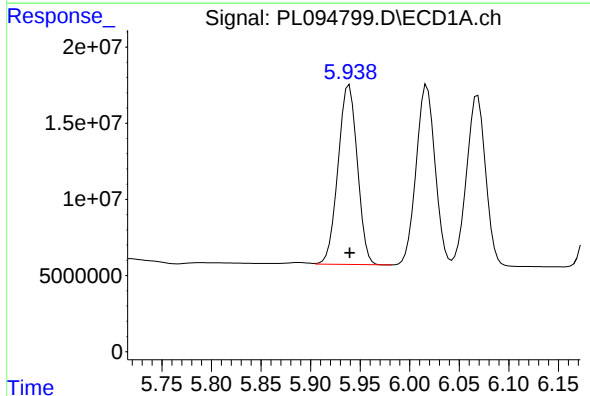
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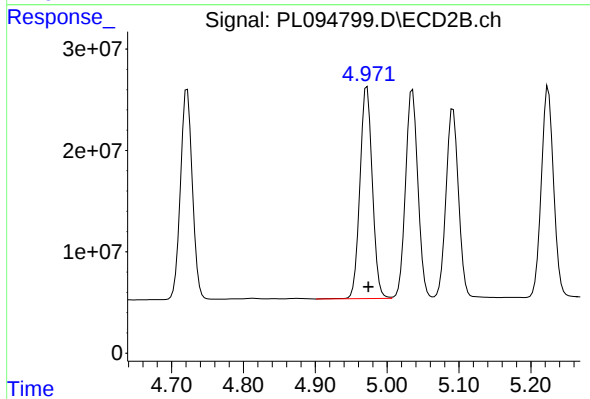
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 225789156
Conc: 51.45 ng/ml



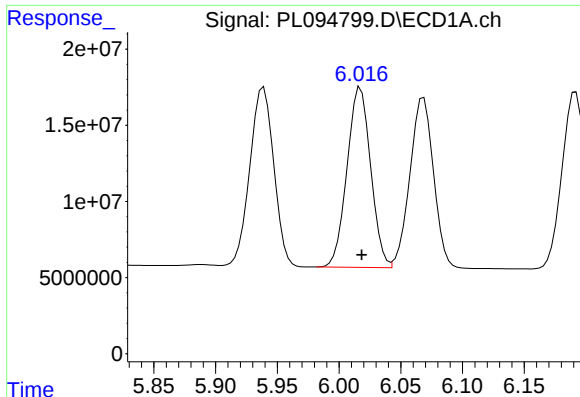
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 159345391
Conc: 47.29 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 249669677
Conc: 51.71 ng/ml



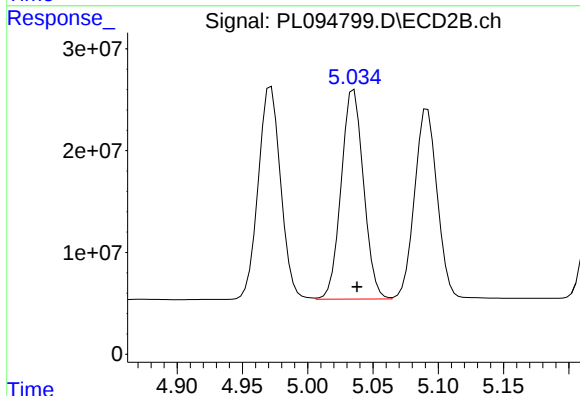
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 157633467
Conc: 47.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

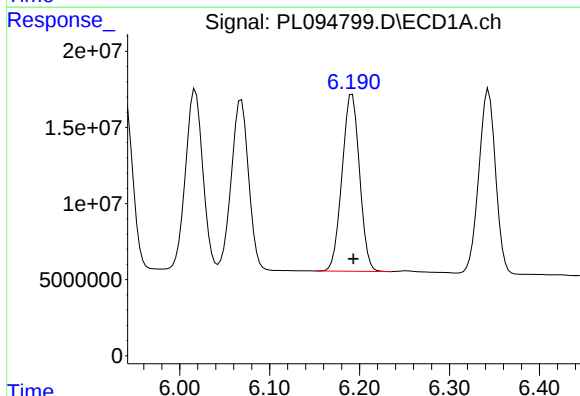
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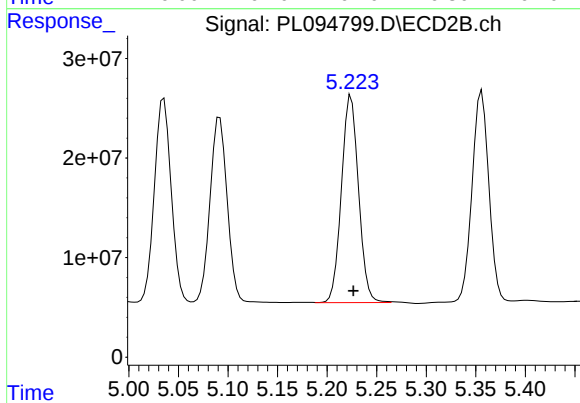
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 245303362
Conc: 51.40 ng/ml



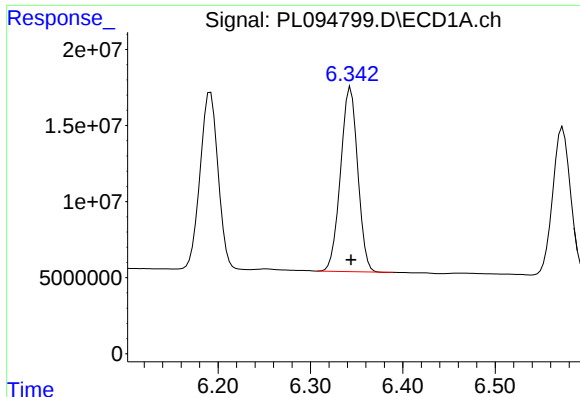
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.001 min
Response: 157259093
Conc: 53.45 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 249584037
Conc: 53.69 ng/ml m



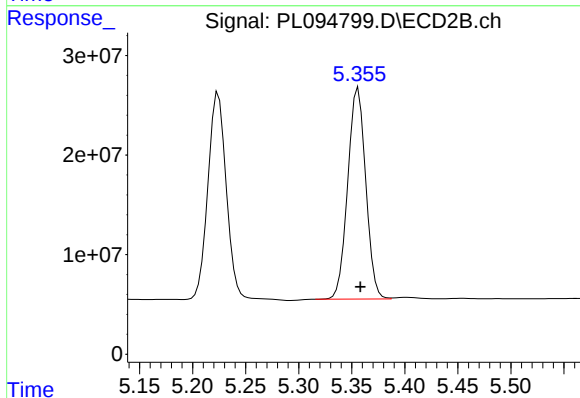
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 156600320
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

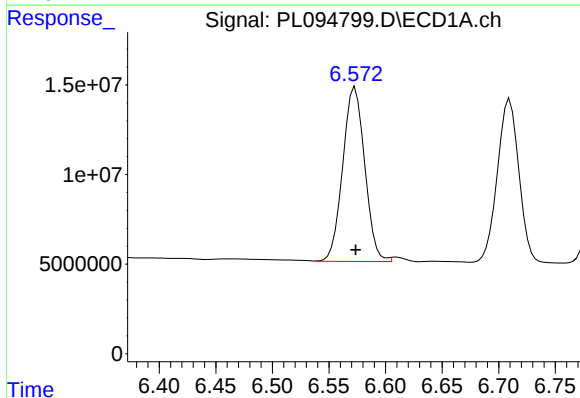
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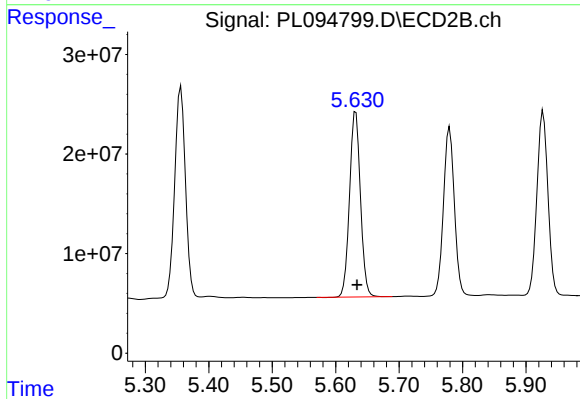
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.004 min
Response: 250465850
Conc: 51.62 ng/ml m



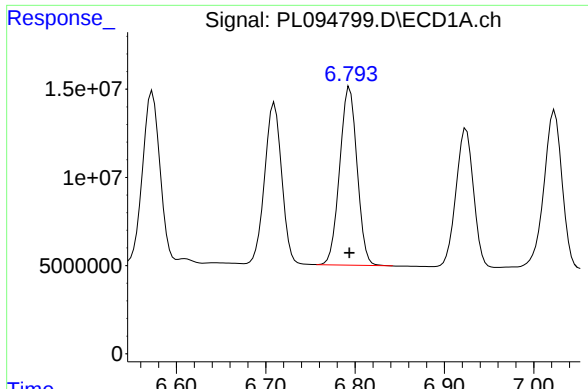
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 131455531
Conc: 47.42 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 222658720
Conc: 51.03 ng/ml



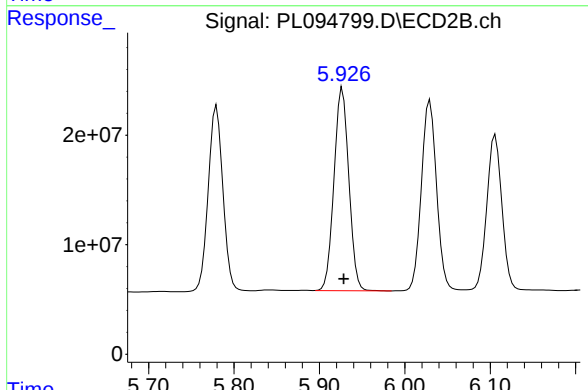
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 136695532
Conc: 50.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

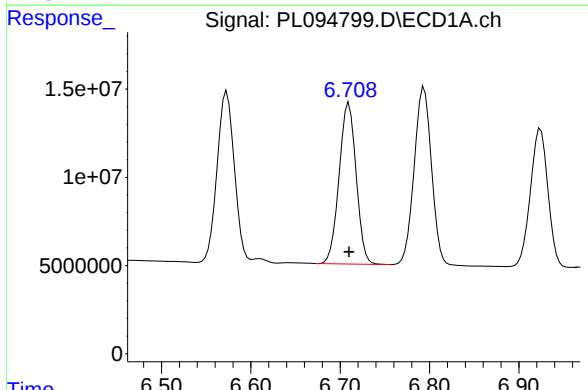
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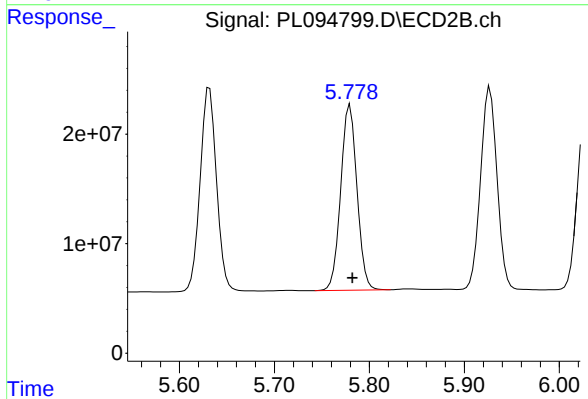
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.002 min
Response: 223663601
Conc: 51.68 ng/ml



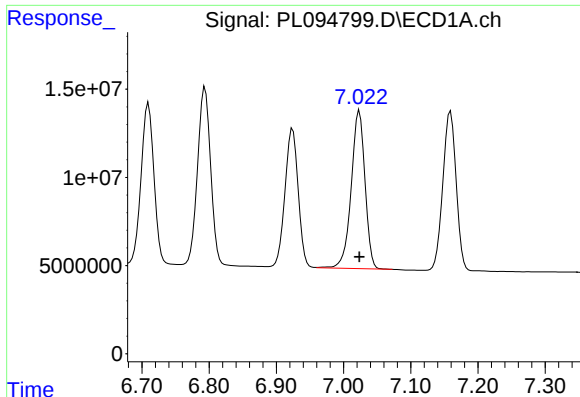
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 121023149
Conc: 55.87 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 202097622
Conc: 56.20 ng/ml



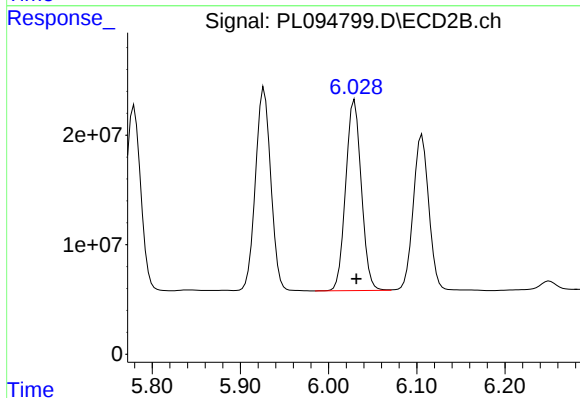
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 127538912
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

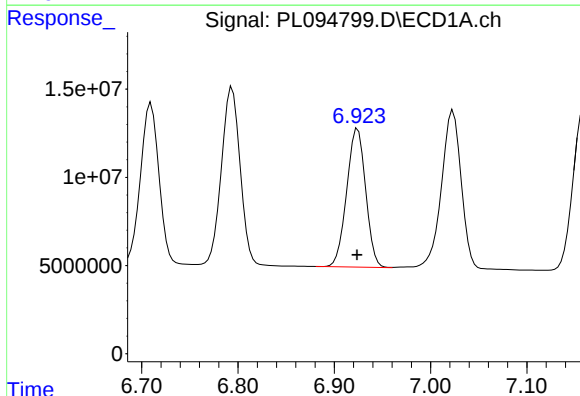
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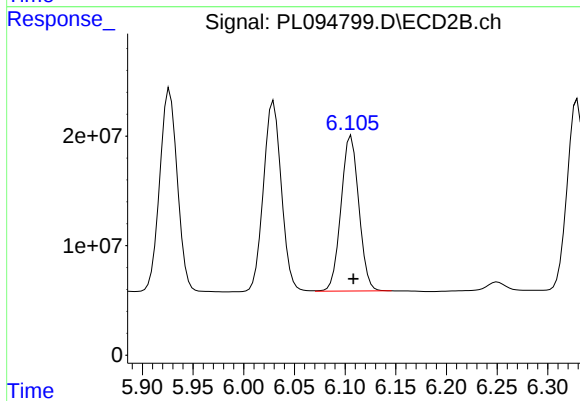
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 214665847
Conc: 53.24 ng/ml



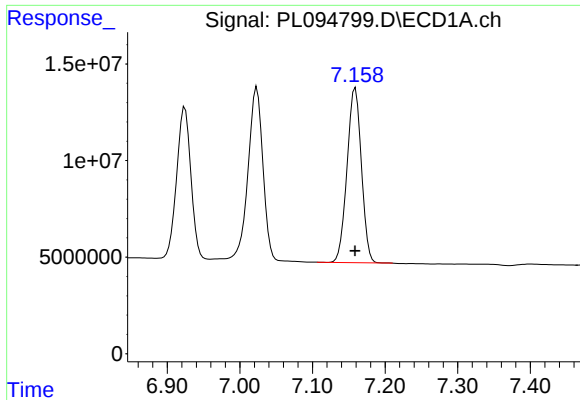
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 107004132
Conc: 50.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 173390945
Conc: 51.52 ng/ml



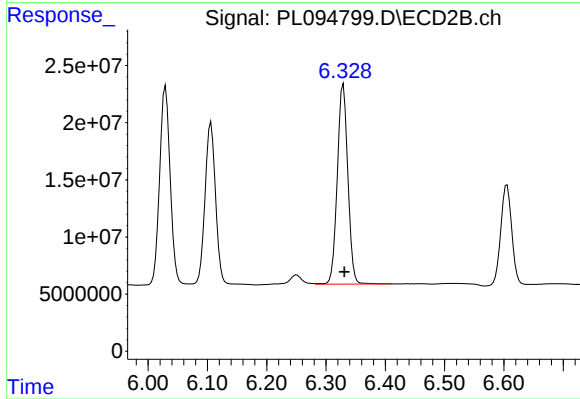
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 124480467
Conc: 51.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

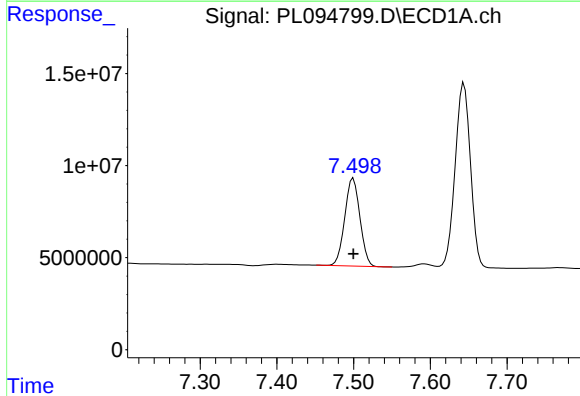
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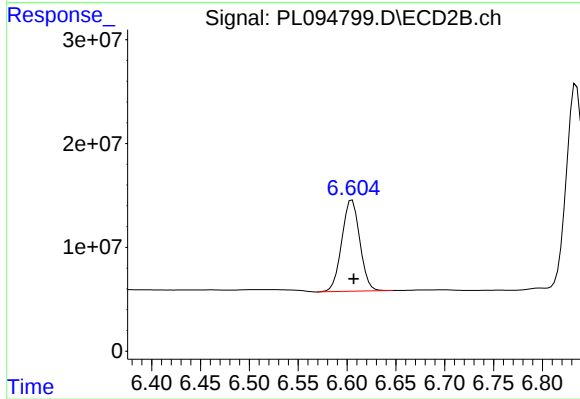
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 216778185
Conc: 53.22 ng/ml



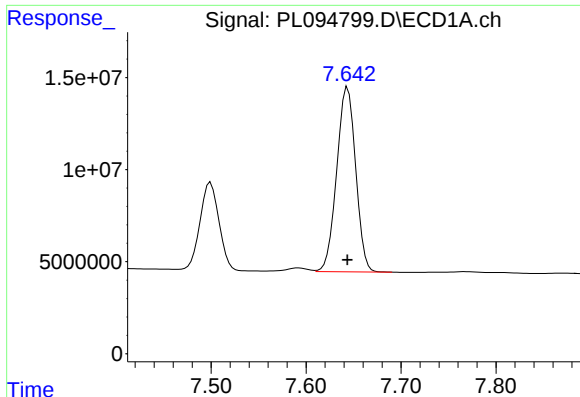
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 65730939
Conc: 54.91 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 113055608
Conc: 53.30 ng/ml



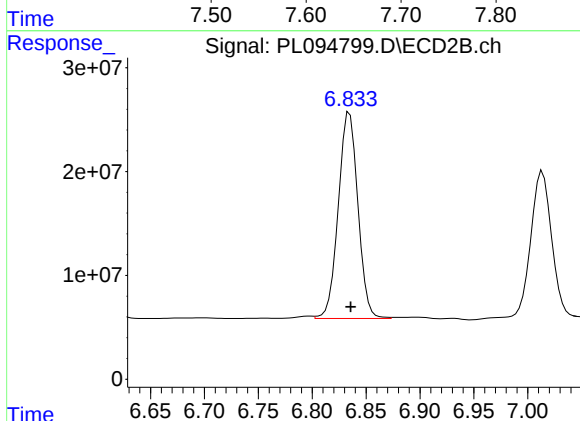
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 139418197
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

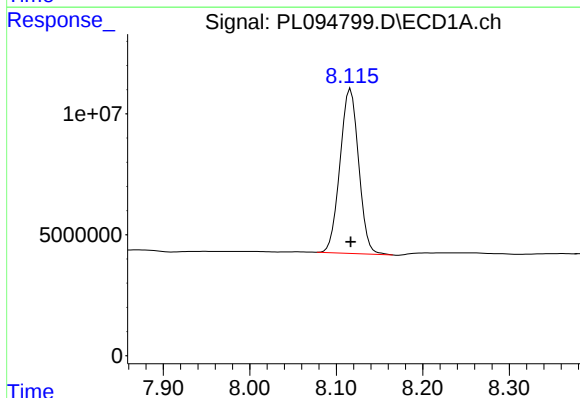
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



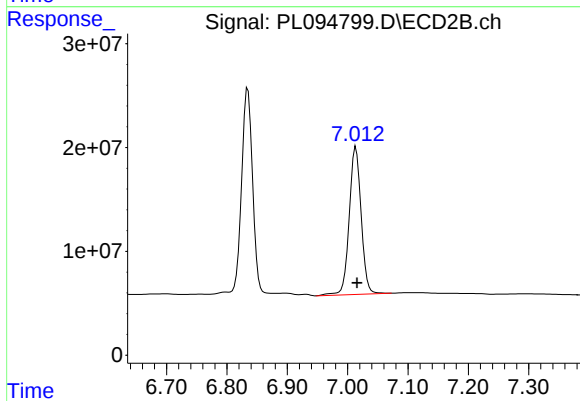
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 251886709
Conc: 52.78 ng/ml m



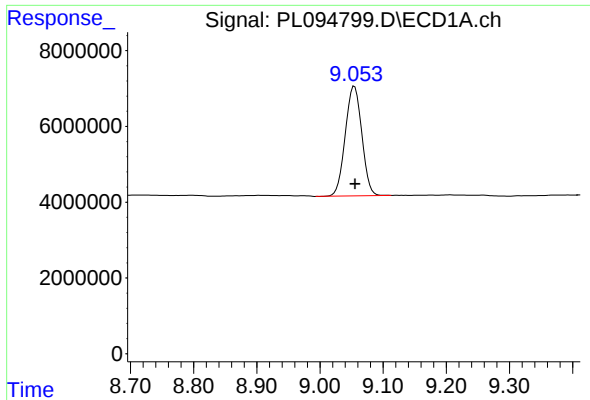
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 101383564
Conc: 49.07 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.002 min
Response: 195461655
Conc: 51.50 ng/ml



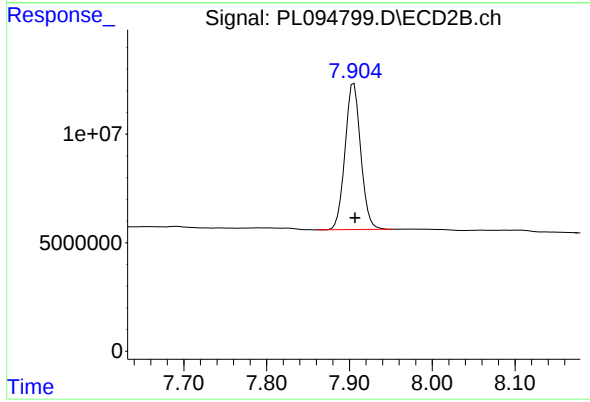
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 52669407
Conc: 24.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.001 min
Response: 88717921
Conc: 21.96 ng/ml