

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032125\
 Data File : PL094797.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2025 17:00
 Operator : AR\AJ
 Sample : PB167223BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167223BS

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 23:24:34 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	56112029	75229982	19.823	21.077
28)	SA Decachlor...	9.055	7.905	51910171	85148372	24.632	21.080
Target Compounds							
2)	A alpha-BHC	3.993	3.272	186.8E6	271.3E6	44.982	50.318
3)	MA gamma-BHC...	4.326	3.602	181.2E6	253.8E6	45.407	49.385
4)	MA Heptachlor	4.914	3.940	171.7E6	256.1E6	44.222	48.611
5)	MB Aldrin	5.256	4.219	164.0E6	238.9E6	44.416	48.985
6)	B beta-BHC	4.525	3.903	83755912	112.6E6	45.391	50.690
7)	B delta-BHC	4.772	4.131	189.9E6	255.9E6	48.754	51.151
8)	B Heptachlo...	5.681	4.723	153.8E6	229.2E6	45.968m	50.049
9)	A Endosulfan I	6.069	5.092	144.8E6	213.3E6	47.150	48.608
10)	B gamma-Chl...	5.939	4.972	155.7E6	235.9E6	46.215	48.851
11)	B alpha-Chl...	6.017	5.036	153.3E6	230.4E6	46.507	48.278
12)	B 4,4'-DDE	6.191	5.224	152.0E6	236.3E6	51.663	50.827
13)	MA Dieldrin	6.343	5.356	152.0E6	235.8E6	47.541	48.591
14)	MA Endrin	6.572	5.632	127.9E6	220.1E6	46.123m	50.451
15)	B Endosulfa...	6.794	5.927	130.5E6	216.6E6	48.056	50.040
16)	A 4,4'-DDD	6.710	5.780	115.9E6	194.1E6	53.485	53.967
17)	MA 4,4'-DDT	7.023	6.030	124.1E6	210.1E6	52.188	52.103
18)	B Endrin al...	6.923	6.106	102.0E6	168.1E6	48.331	49.954
19)	B Endosulfa...	7.158	6.329	121.0E6	205.1E6	49.739	50.341
20)	A Methoxychlor	7.500	6.605	64545452	111.5E6	53.919	52.552
21)	B Endrin ke...	7.643	6.833	136.4E6	243.8E6	51.608	51.082m
22)	Mirex	8.116	7.014	97929053	178.8E6	47.394	47.102

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031215\
Data File : PL094797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2025 17:00
Operator : AR\AJ
Sample : PB167223BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

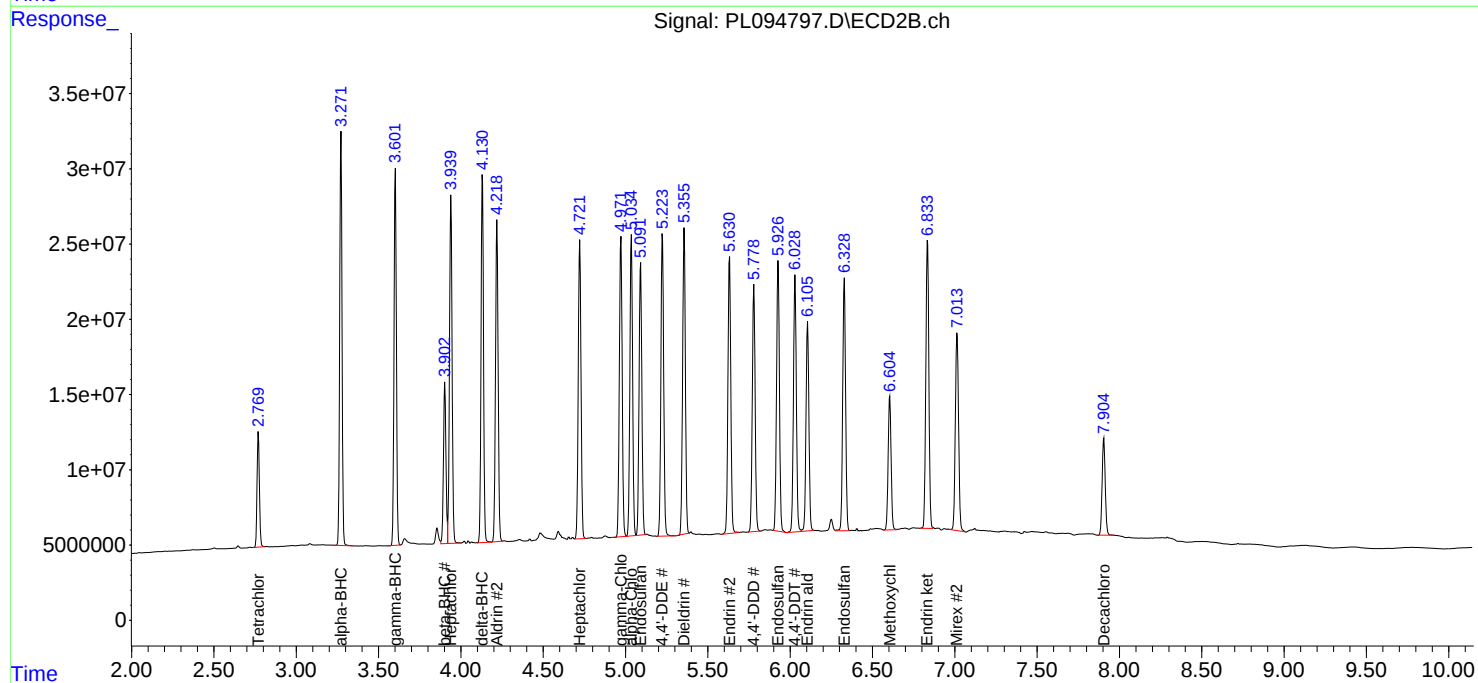
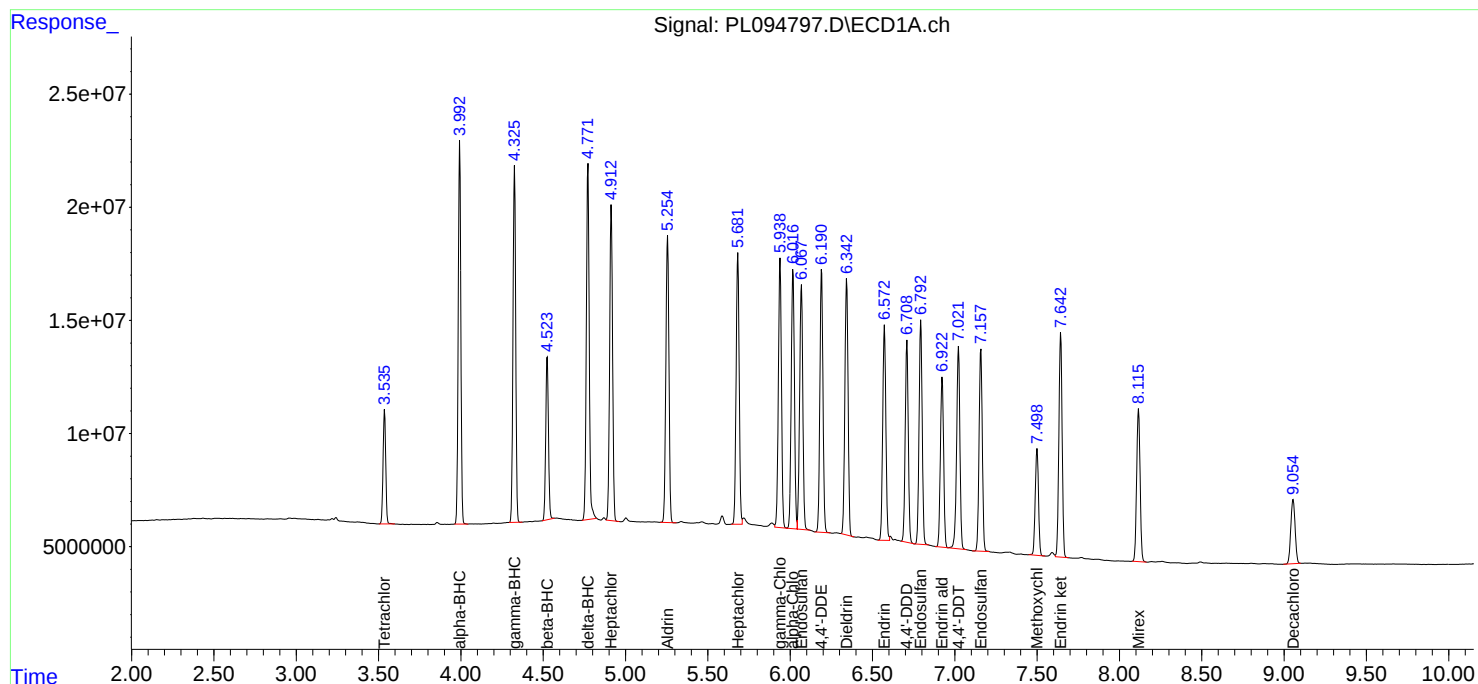
Instrument :
ECD_L
ClientSampleId :
PB167223BS

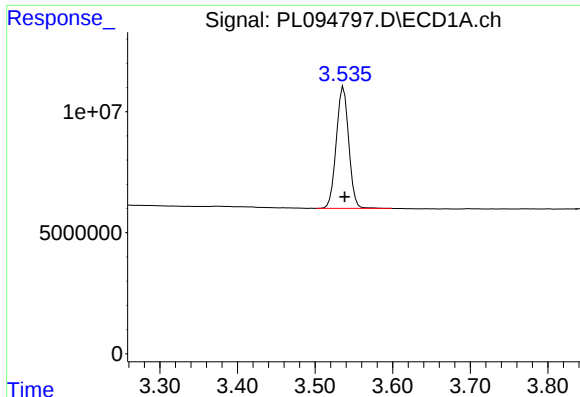
Manual Integrations
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Supervised By :mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 23:24:34 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





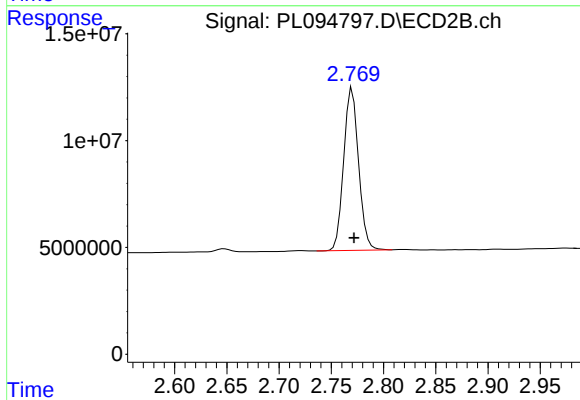
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.001 min
Response: 56112029
Conc: 19.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

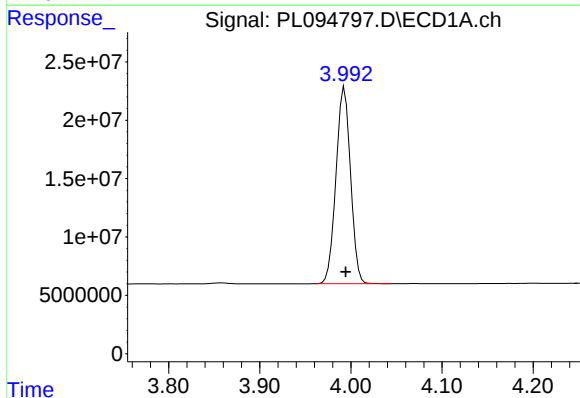
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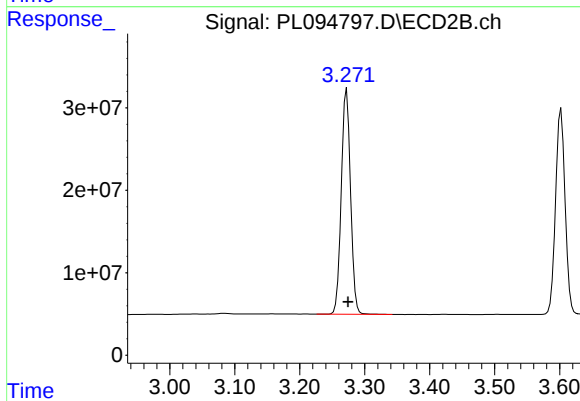
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 75229982
Conc: 21.08 ng/ml



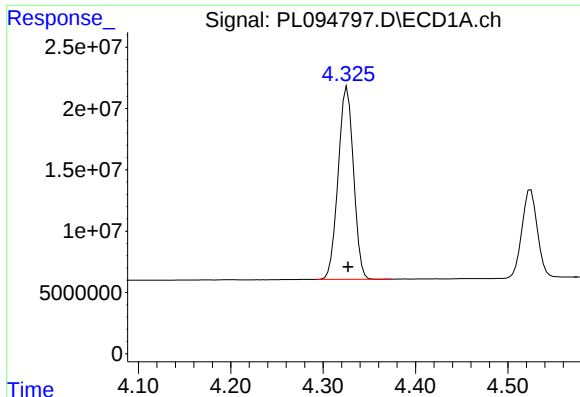
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 186781572
Conc: 44.98 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 271285092
Conc: 50.32 ng/ml



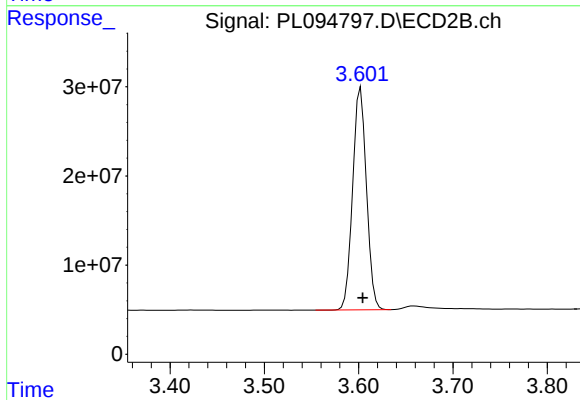
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 181187605
Conc: 45.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

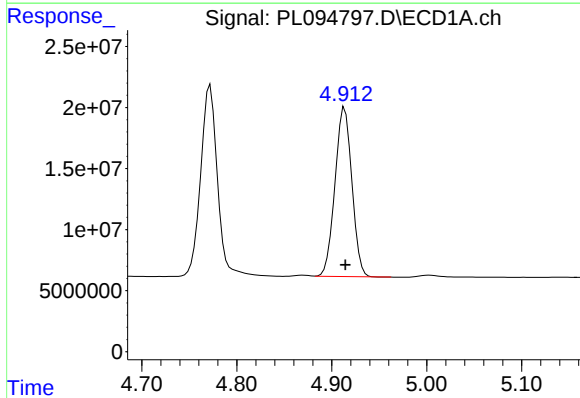
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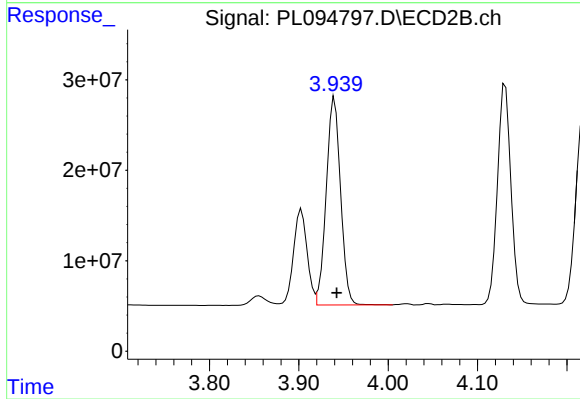
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 253813942
Conc: 49.39 ng/ml



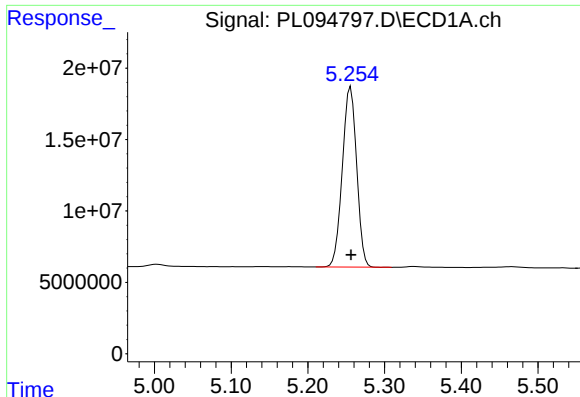
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 171654266
Conc: 44.22 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 256116001
Conc: 48.61 ng/ml



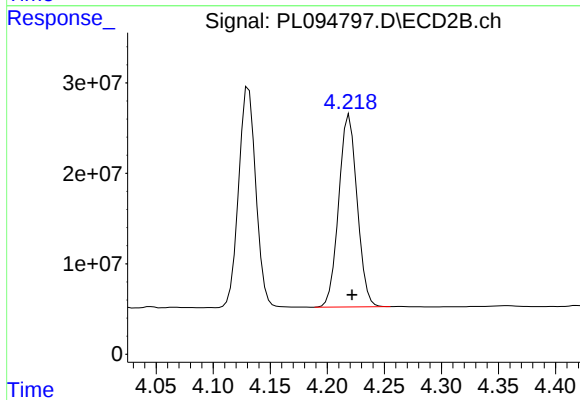
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 163993189
Conc: 44.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

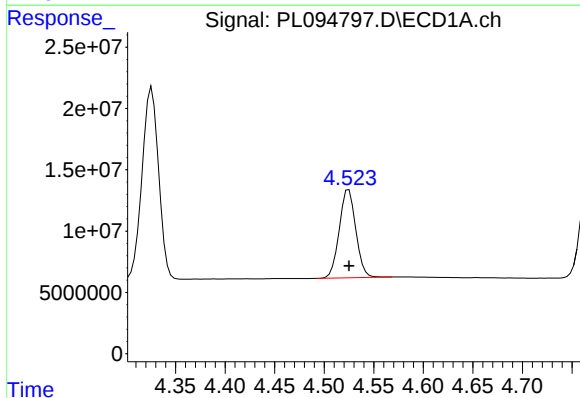
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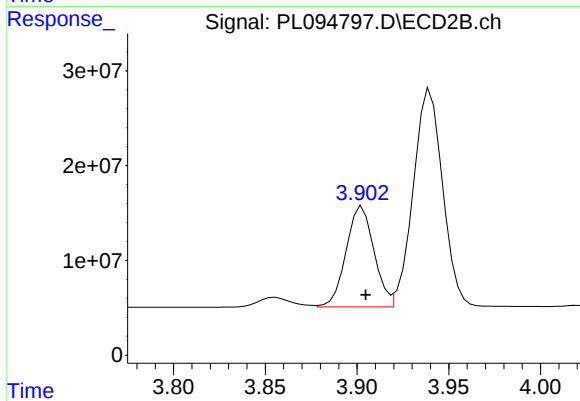
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 238869125
Conc: 48.99 ng/ml



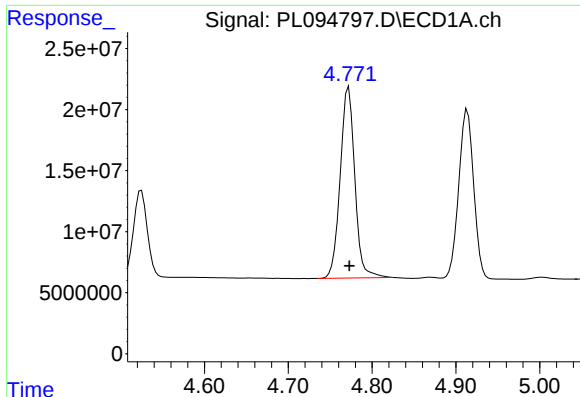
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 83755912
Conc: 45.39 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 112597465
Conc: 50.69 ng/ml



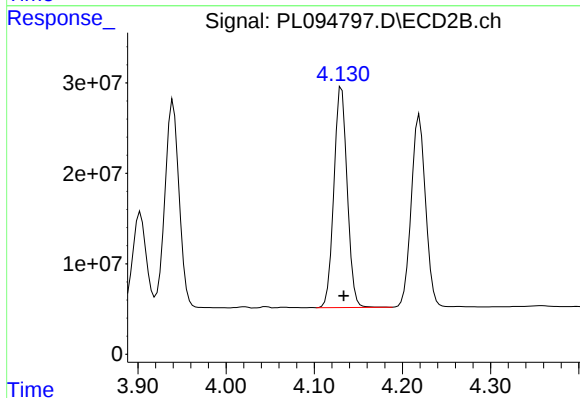
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 189864514
Conc: 48.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

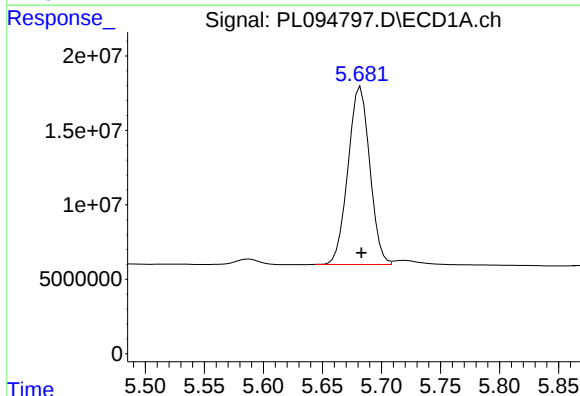
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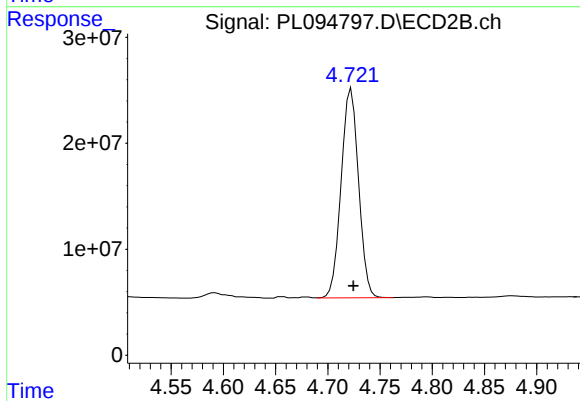
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 255854220
Conc: 51.15 ng/ml



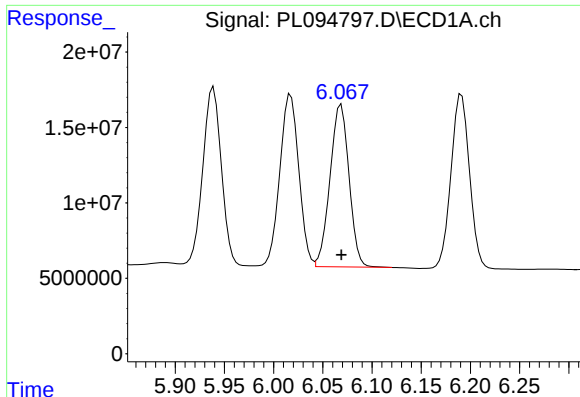
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 153772426
Conc: 45.97 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.002 min
Response: 229151911
Conc: 50.05 ng/ml



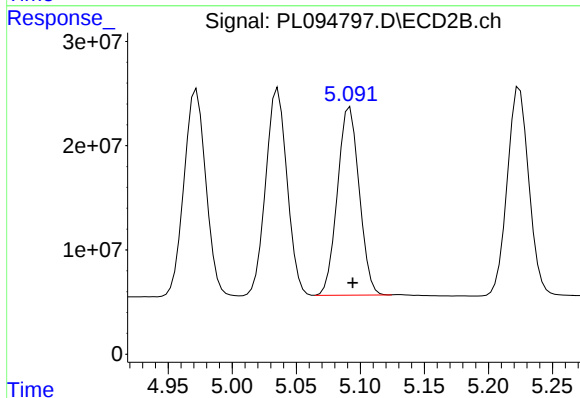
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 144761398
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

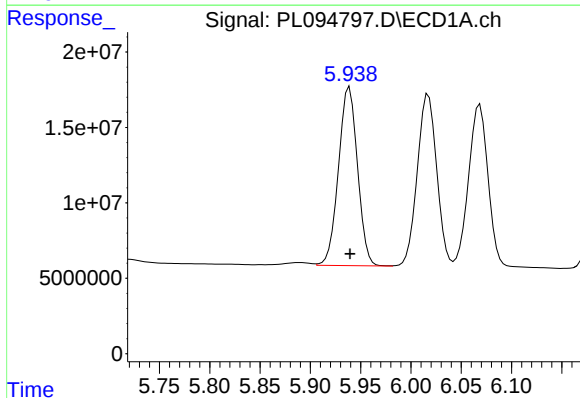
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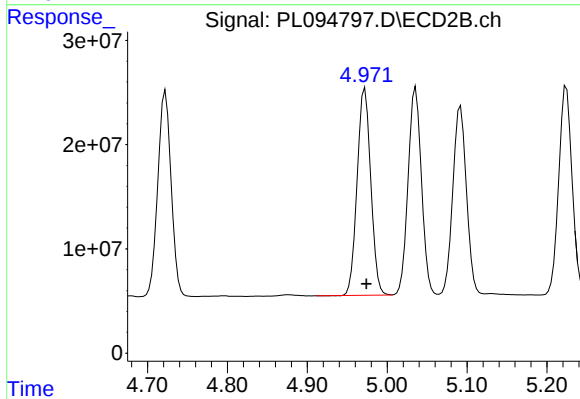
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 213327117
Conc: 48.61 ng/ml



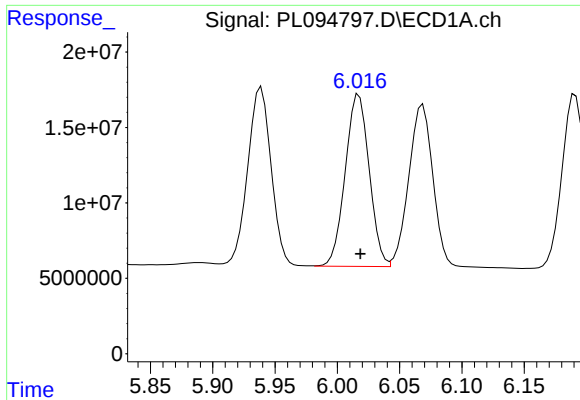
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 155715282
Conc: 46.21 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 235871076
Conc: 48.85 ng/ml



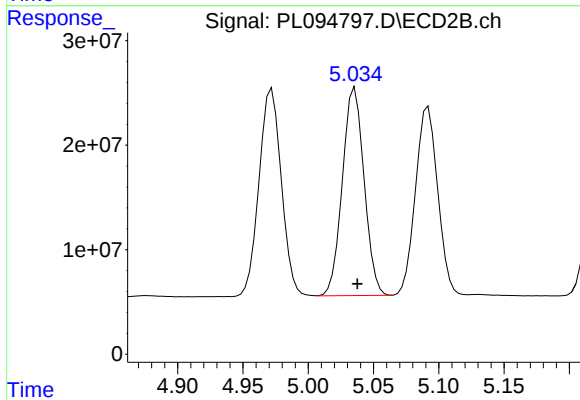
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 153324972
Conc: 46.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

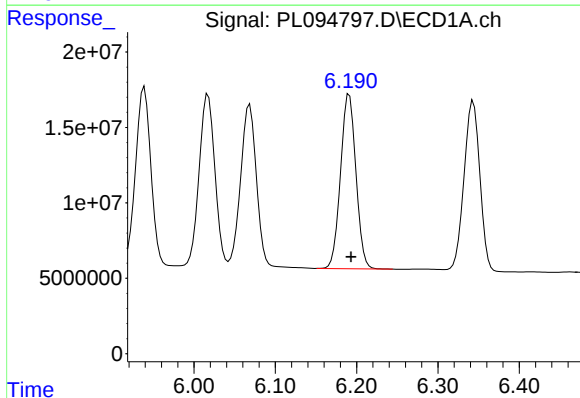
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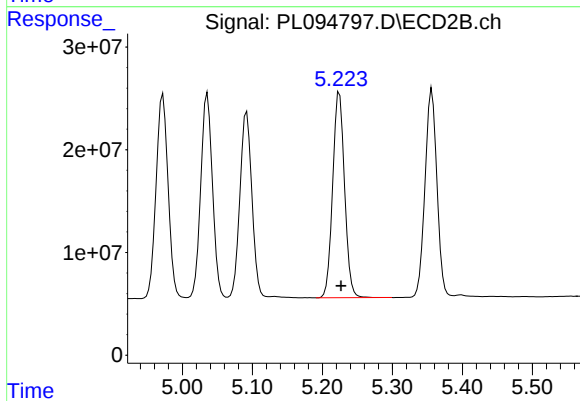
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 230421363
Conc: 48.28 ng/ml



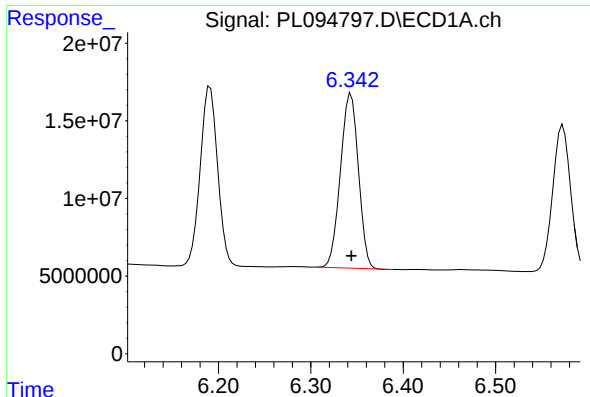
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 151995256
Conc: 51.66 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 236270316
Conc: 50.83 ng/ml



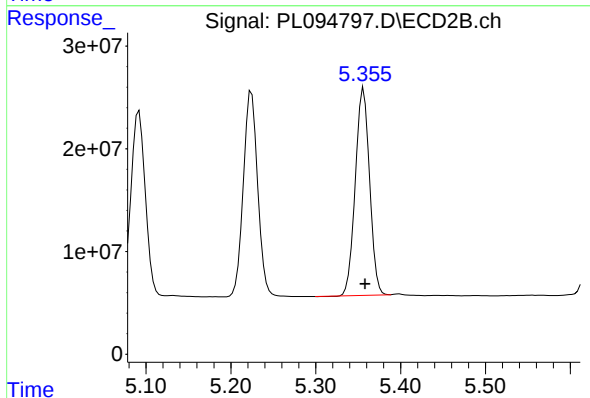
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 152041919
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

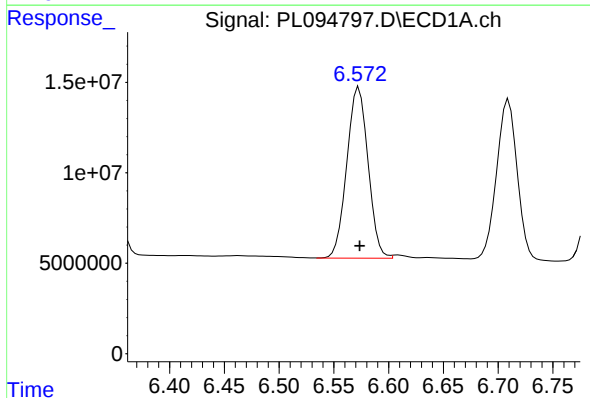
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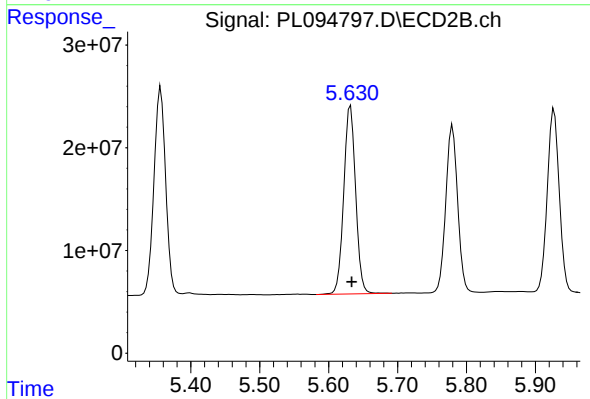
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 235755319
Conc: 48.59 ng/ml



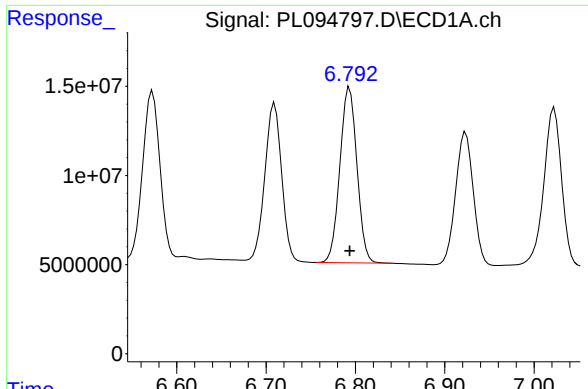
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 127857549
Conc: 46.12 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 220149051
Conc: 50.45 ng/ml



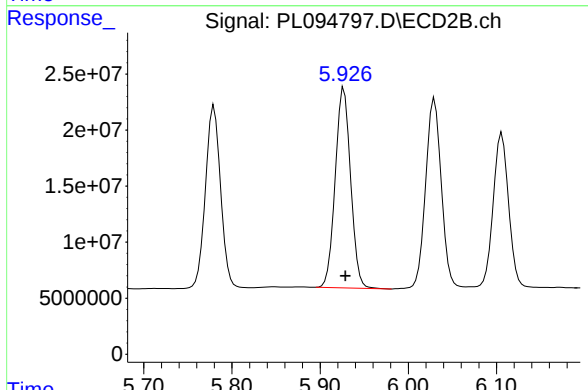
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 130459546
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

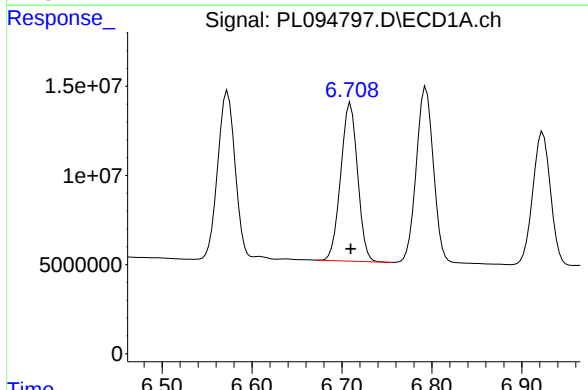
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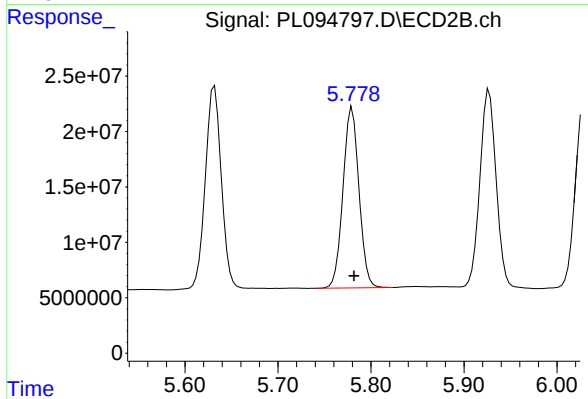
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 216587146
Conc: 50.04 ng/ml



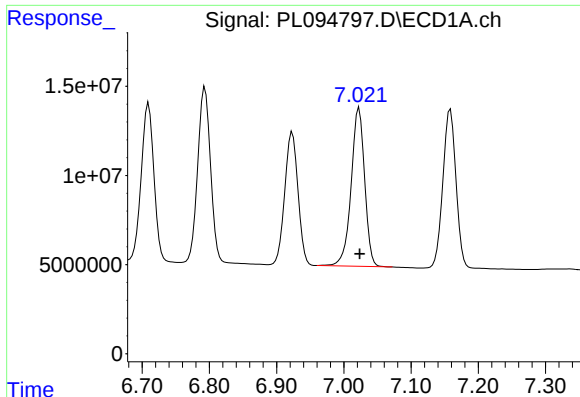
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 115852711
Conc: 53.49 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 194058544
Conc: 53.97 ng/ml



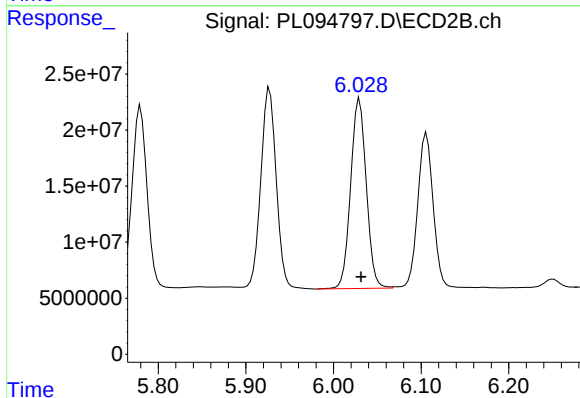
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.001 min
Response: 124131358
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

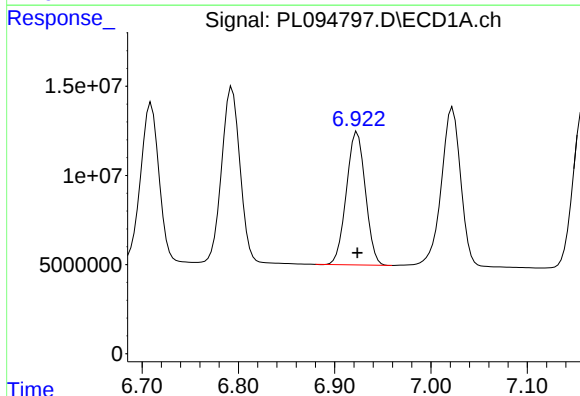
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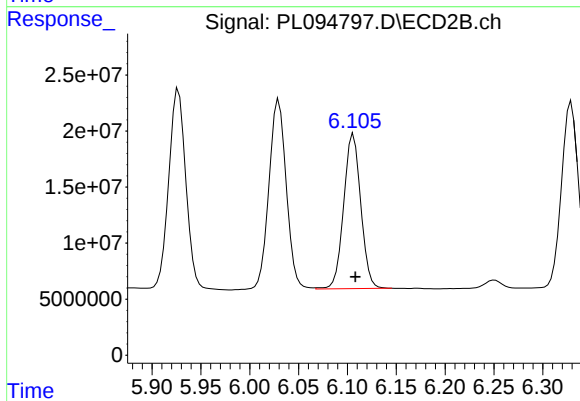
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 210083011
Conc: 52.10 ng/ml



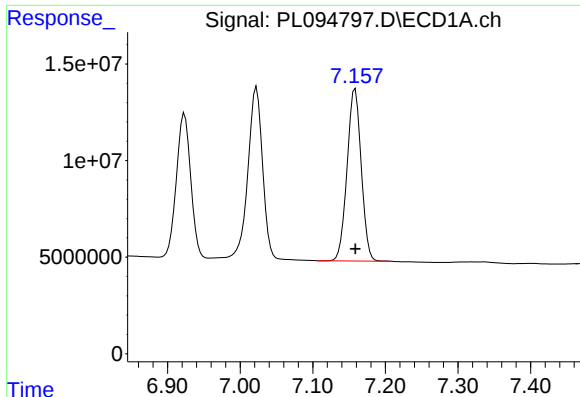
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 102026742
Conc: 48.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 168114394
Conc: 49.95 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 120966860
Conc: 49.74 ng/ml

Instrument :

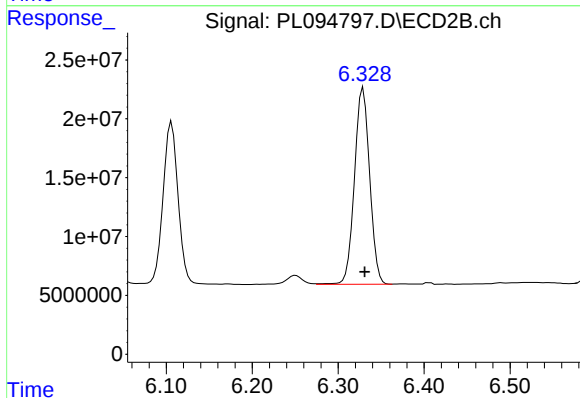
ECD_L

ClientSampleId :

PB167223BS

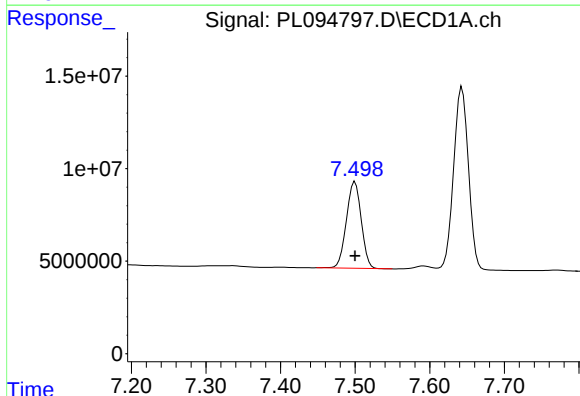
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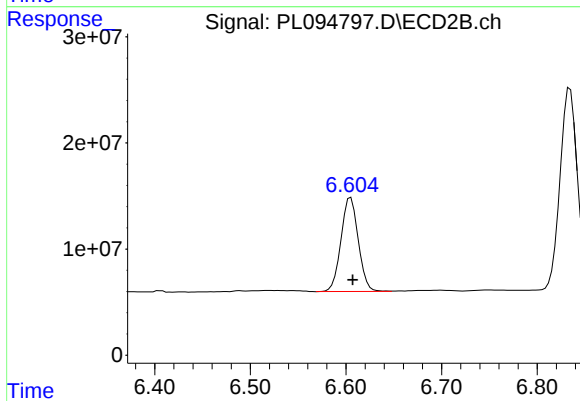
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 205059669
Conc: 50.34 ng/ml



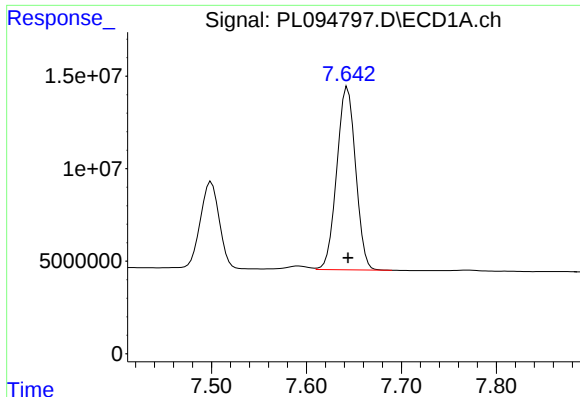
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 64545452
Conc: 53.92 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 111467076
Conc: 52.55 ng/ml



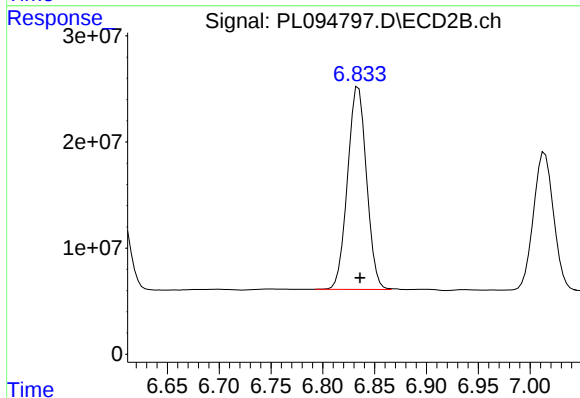
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 136413981
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

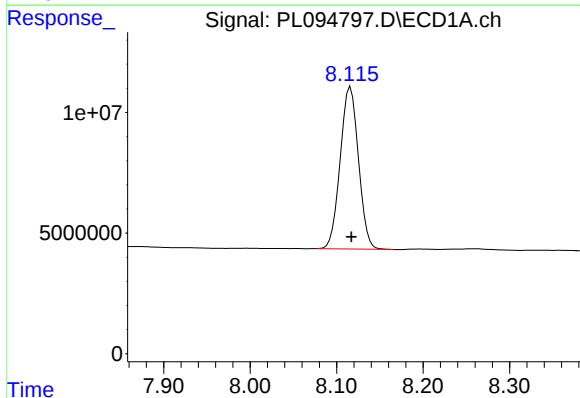
Manual Integrations
APPROVED

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



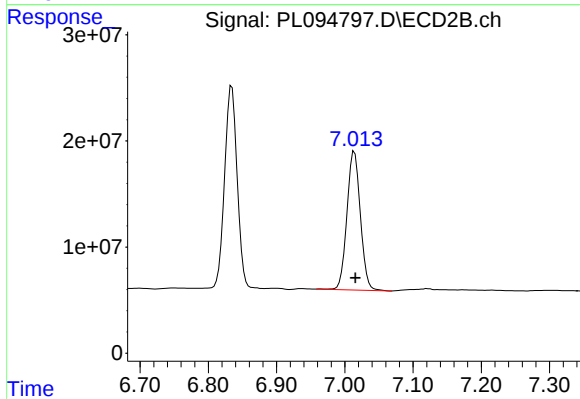
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 243791789
Conc: 51.08 ng/ml m



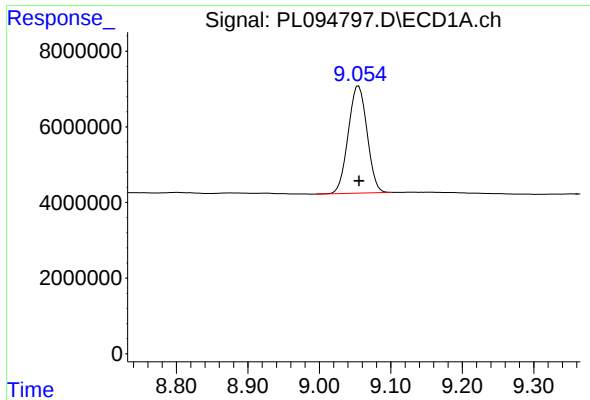
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 97929053
Conc: 47.39 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.002 min
Response: 178765927
Conc: 47.10 ng/ml



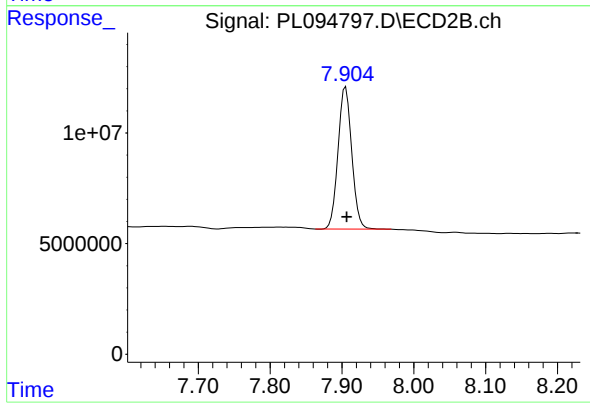
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 51910171
Conc: 24.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 03/25/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 85148372
Conc: 21.08 ng/ml