

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
 Data File : PL097457.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 18:46
 Operator : AR\AJ
 Sample : Q3231-05MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:24:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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...	3.526	2.825	55038874	83319039	12.157m	12.671
28)	SA Decachlor...	8.998	7.982	34876314	51441281	10.658	9.038
Target Compounds							
2)	A alpha-BHC	3.974	3.329	251.0E6	359.6E6	35.926	36.109
3)	MA gamma-BHC...	4.301	3.661	230.7E6	329.7E6	34.880	35.395
4)	MA Heptachlor	4.892	4.008	228.0E6	315.0E6	34.183	33.851
5)	MB Aldrin	5.231	4.290	220.7E6	296.5E6	34.851	34.158
6)	B beta-BHC	4.489	3.956	94364626	140.4E6	34.614	34.560
7)	B delta-BHC	4.732	4.189	227.2E6	316.3E6	37.442m	34.405
8)	B Heptachlo...	5.650	4.792	204.1E6	269.8E6	35.521	34.021
9)	A Endosulfan I	6.032	5.163	186.8E6	260.2E6	36.045	33.859
10)	B gamma-Chl...	5.904	5.044	202.4E6	284.8E6	35.801	32.606
11)	B alpha-Chl...	5.984	5.108	194.4E6	272.8E6	34.220	32.870
12)	B 4,4'-DDE	6.155	5.296	156.0E6	247.4E6	32.743	32.189
13)	MA Dieldrin	6.304	5.427	185.8E6	284.6E6	33.899	34.808
14)	MA Endrin	6.531	5.701	158.8E6	243.3E6	34.416	32.392
15)	B Endosulfa...	6.744	5.993	164.0E6	225.2E6	33.344	31.684
16)	A 4,4'-DDD	6.663	5.848	143.6E6	198.4E6	38.086	30.769
17)	MA 4,4'-DDT	6.978	6.101	139.3E6	183.5E6	32.957	26.512
18)	B Endrin al...	6.872	6.171	120.8E6	155.1E6	39.172	29.053 #
19)	B Endosulfa...	7.106	6.394	142.2E6	201.4E6	34.823	29.396
20)	A Methoxychlor	7.450	6.673	68962108	101.8E6	33.069	27.000
21)	B Endrin ke...	7.585	6.898	151.8E6	211.9E6	35.774	28.138
22)	Mirex	8.063	7.088	114.4E6	159.4E6	32.216	26.658

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
Data File : PL097457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 18:46
Operator : AR\AJ
Sample : Q3231-05MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

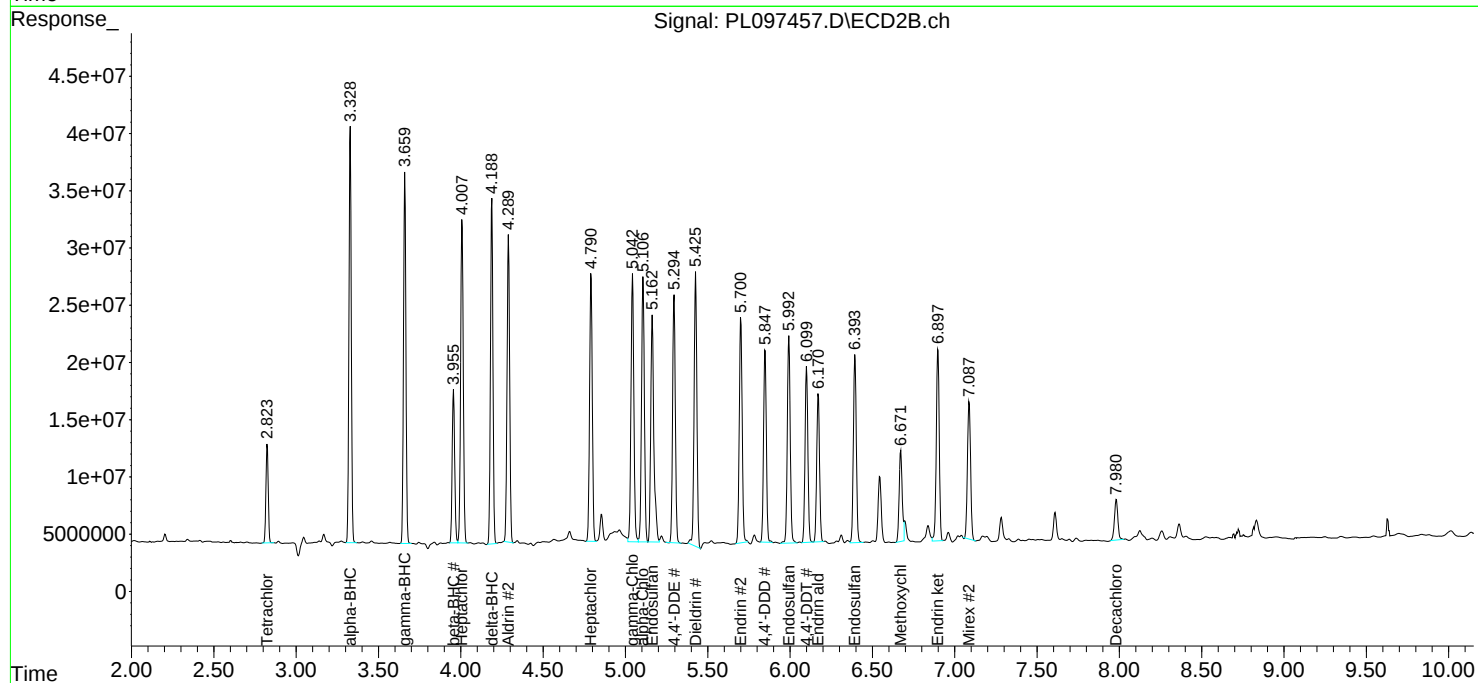
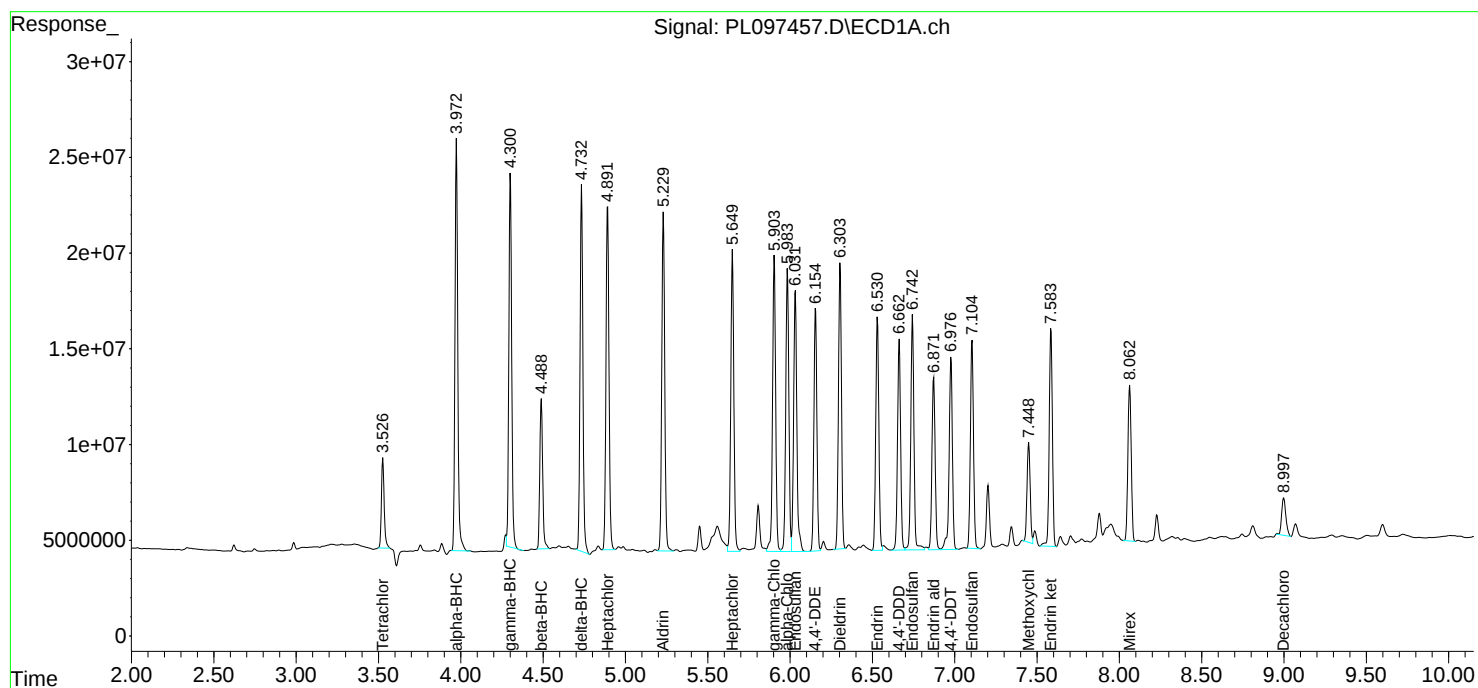
Instrument :
ECD_L
ClientSampleId :
WC-2MS

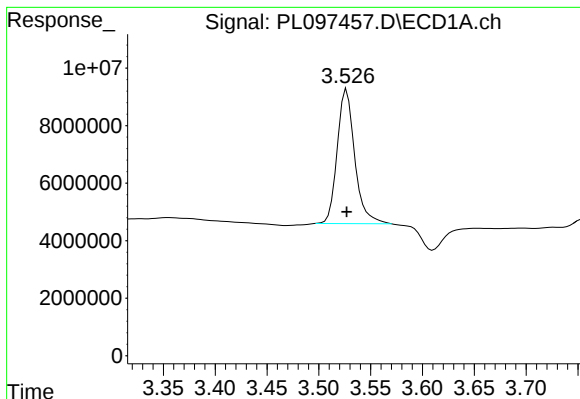
Manual Integrations
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Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:24:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





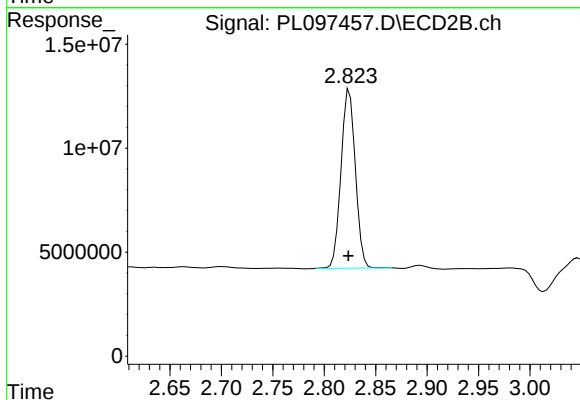
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.001 min
Response: 55038874
Conc: 12.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

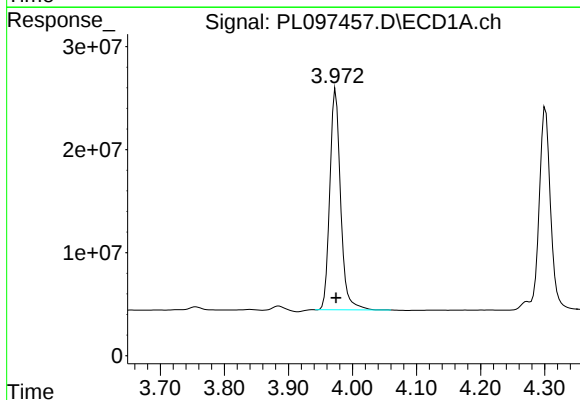
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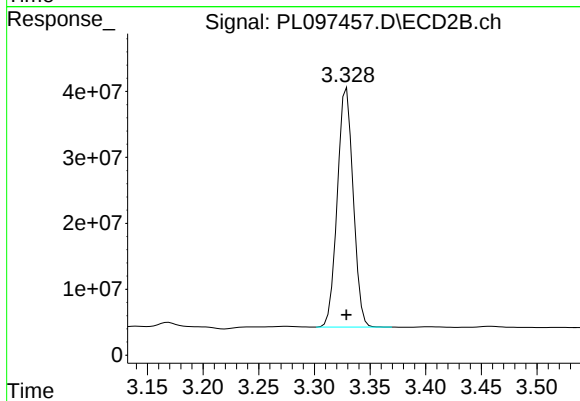
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: 0.001 min
Response: 83319039
Conc: 12.67 ng/ml



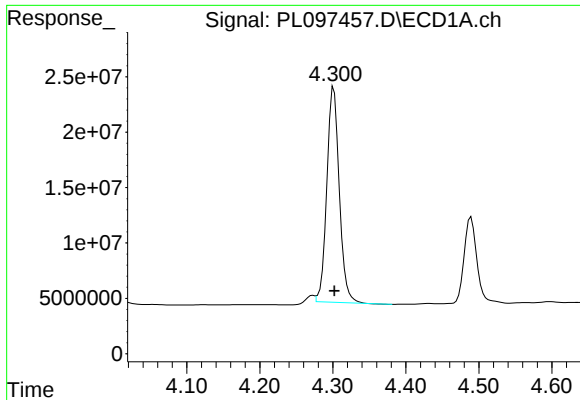
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 251027269
Conc: 35.93 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 359559503
Conc: 36.11 ng/ml



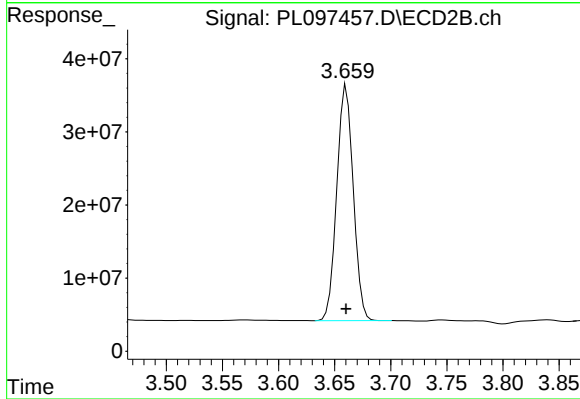
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 230669050
Conc: 34.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

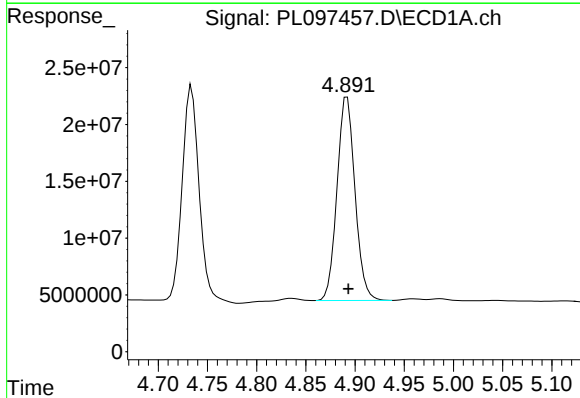
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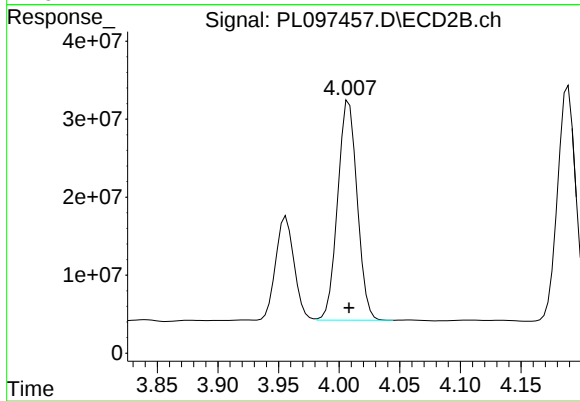
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 329692307
Conc: 35.39 ng/ml



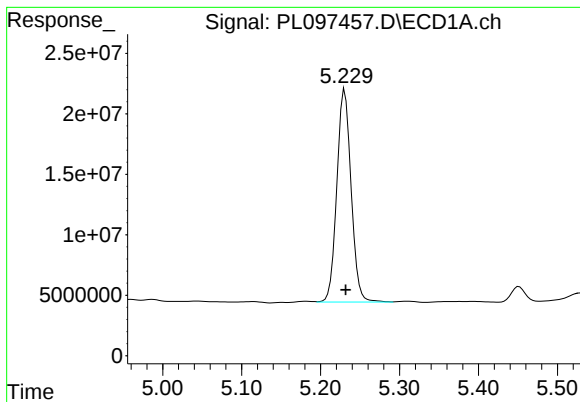
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 228001869
Conc: 34.18 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 314992434
Conc: 33.85 ng/ml



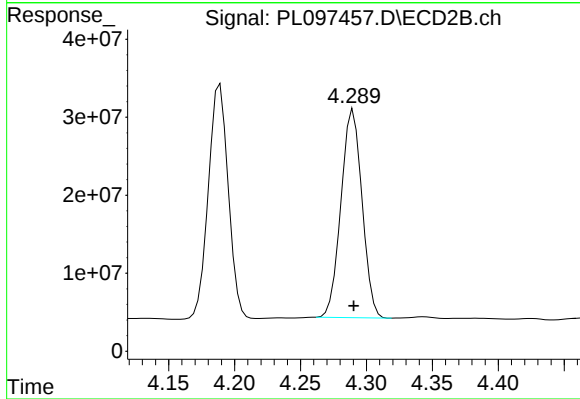
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 220743645
Conc: 34.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

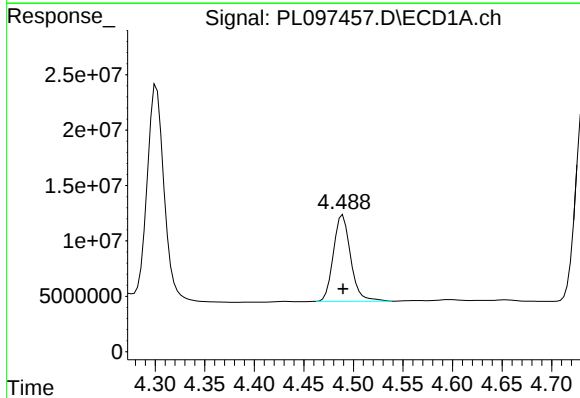
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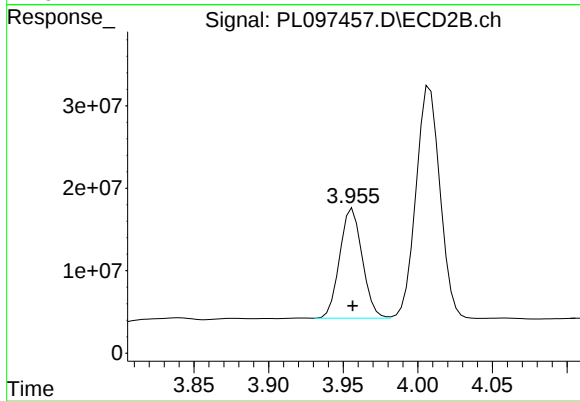
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 296470207
Conc: 34.16 ng/ml



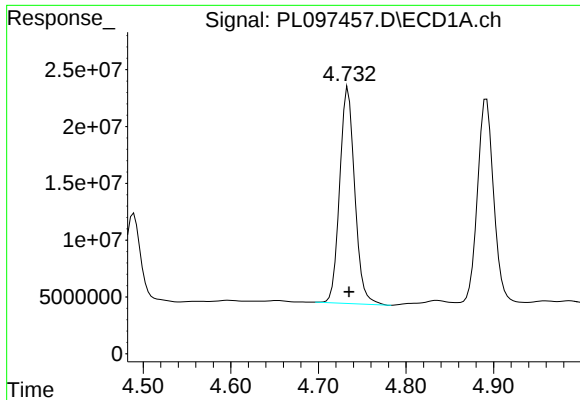
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 94364626
Conc: 34.61 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 140383296
Conc: 34.56 ng/ml



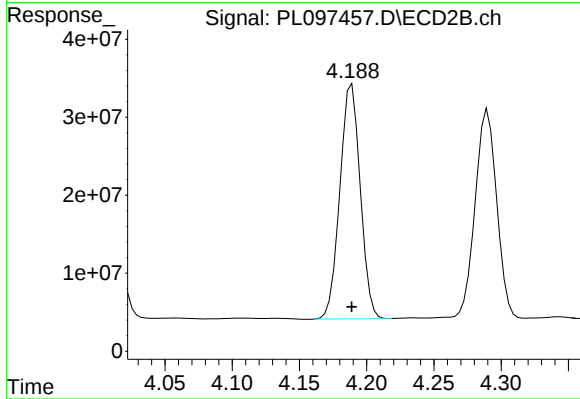
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 227212661
Conc: 37.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

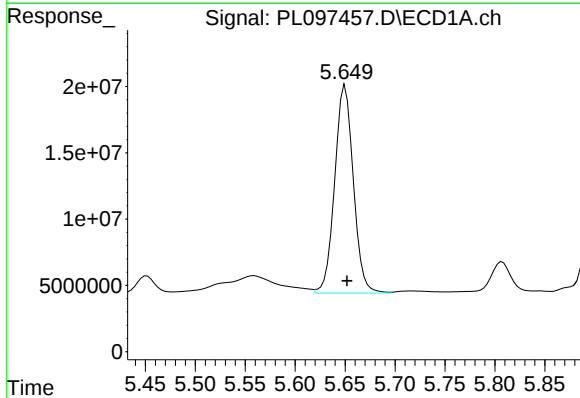
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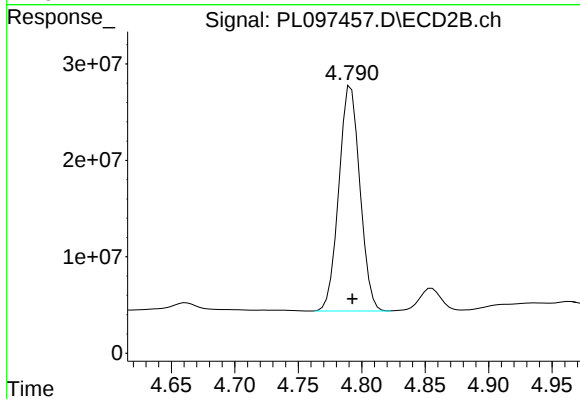
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 316263336
Conc: 34.41 ng/ml



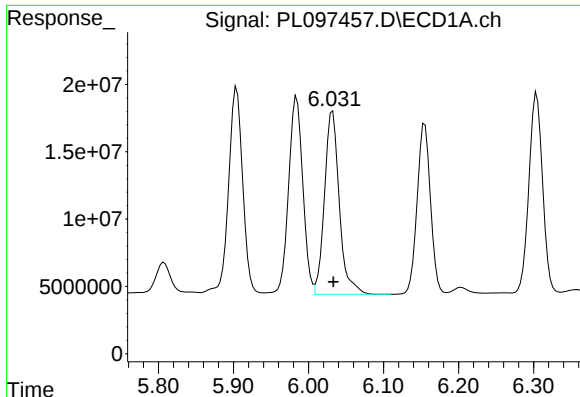
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 204136408
Conc: 35.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: -0.001 min
Response: 269836469
Conc: 34.02 ng/ml



#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.001 min
Response: 186762596
Conc: 36.05 ng/ml

Instrument :

ECD_L

ClientSampleId :

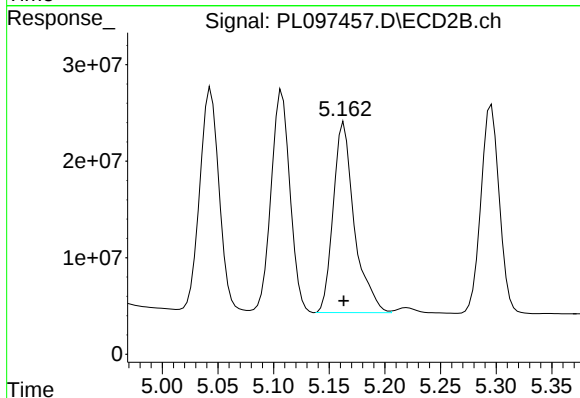
WC-2MS

Manual Integrations

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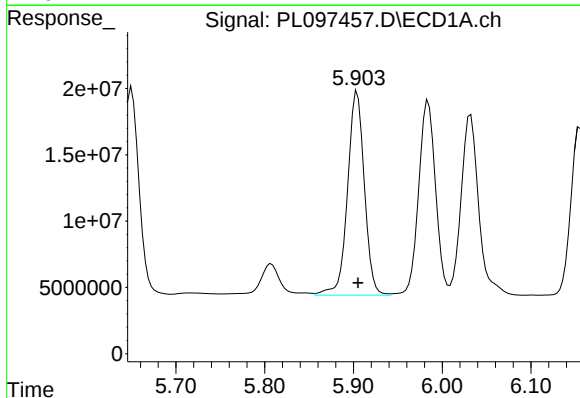
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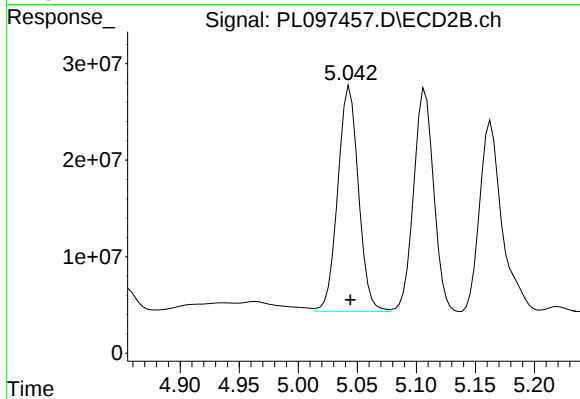
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 260159282
Conc: 33.86 ng/ml



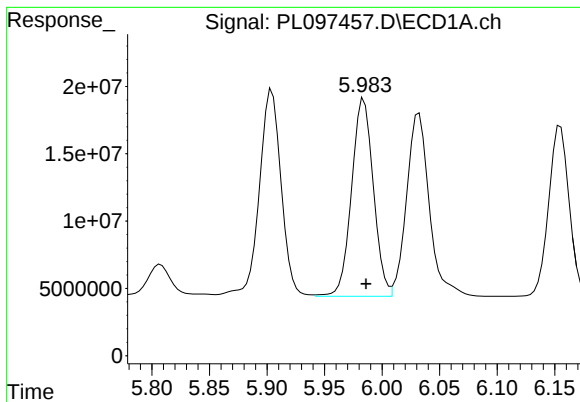
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 202399965
Conc: 35.80 ng/ml



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 284774693
Conc: 32.61 ng/ml



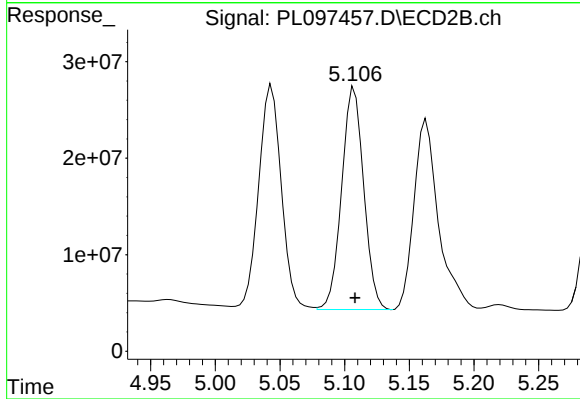
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: -0.002 min
Response: 194368366
Conc: 34.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

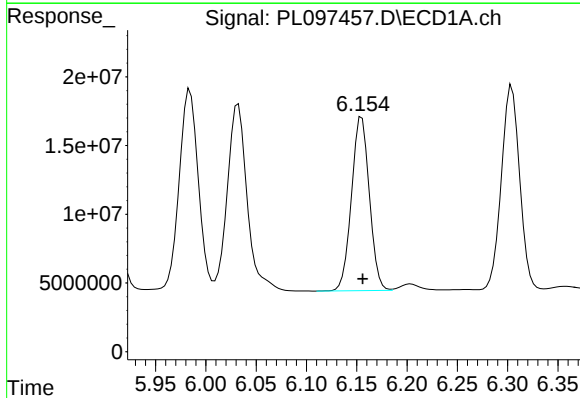
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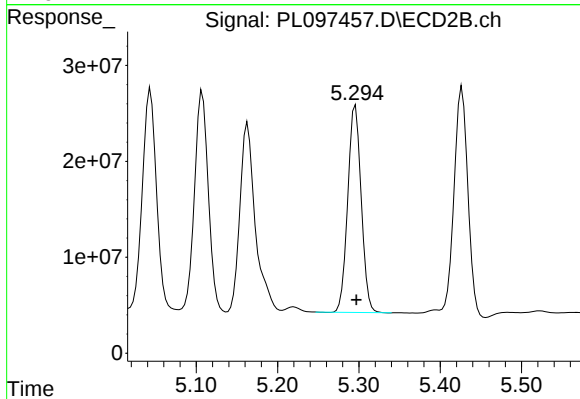
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 272834801
Conc: 32.87 ng/ml



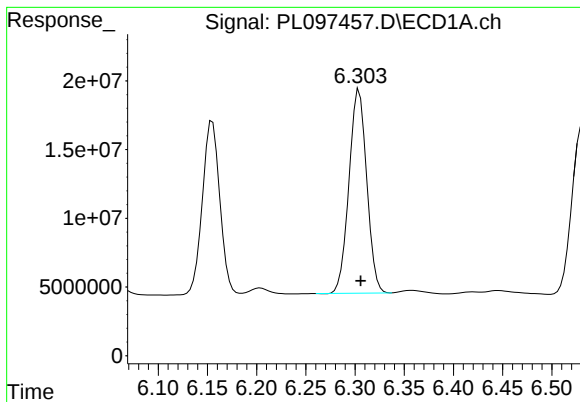
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: -0.001 min
Response: 156011009
Conc: 32.74 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.001 min
Response: 247367274
Conc: 32.19 ng/ml



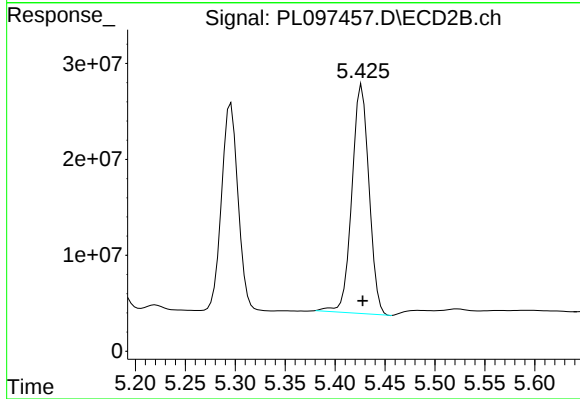
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.001 min
Response: 185836742
Conc: 33.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

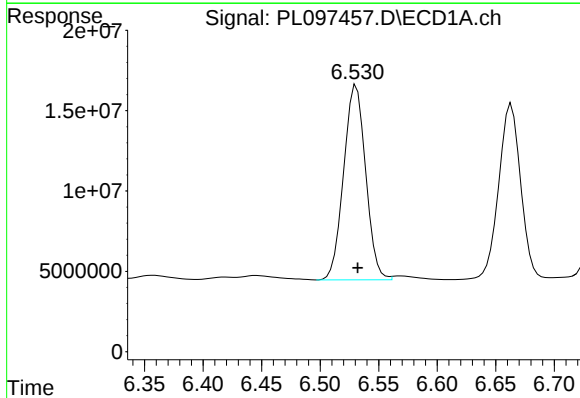
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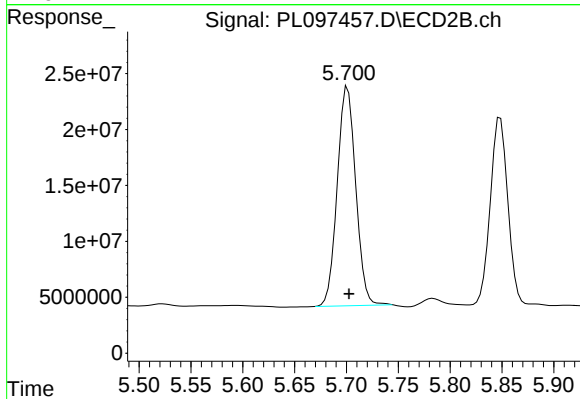
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 284617230
Conc: 34.81 ng/ml



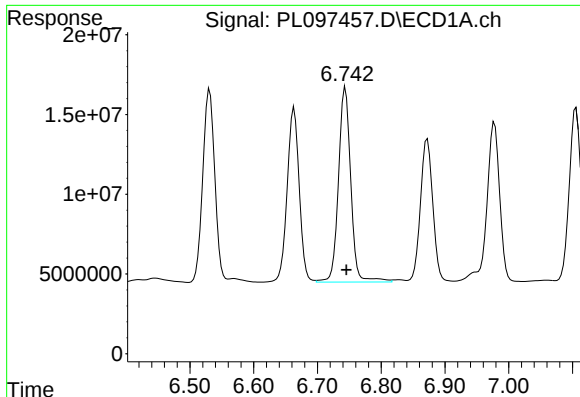
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.001 min
Response: 158766354
Conc: 34.42 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 243280127
Conc: 32.39 ng/ml



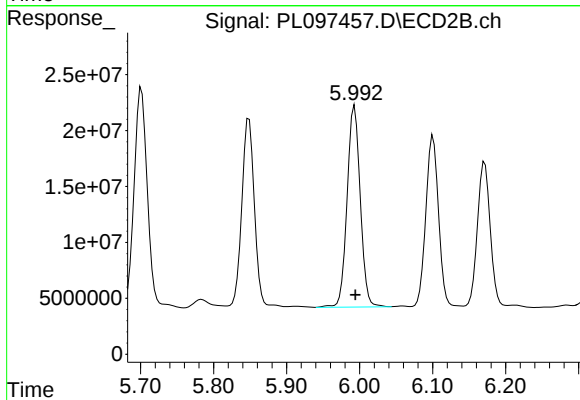
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 163995048
Conc: 33.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

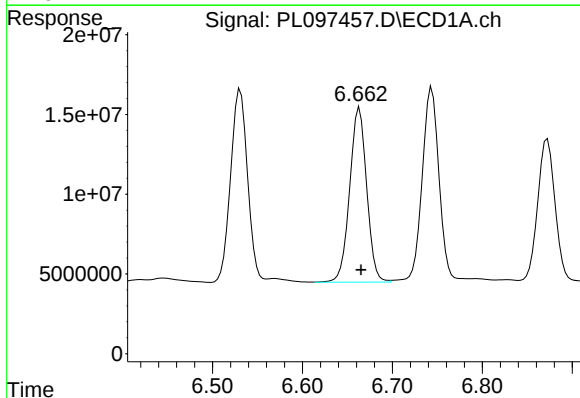
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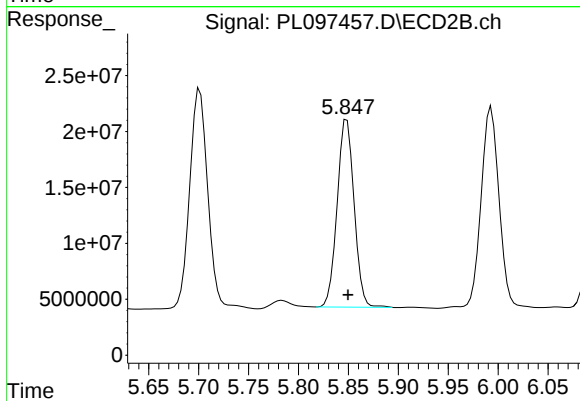
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.001 min
Response: 225246103
Conc: 31.68 ng/ml



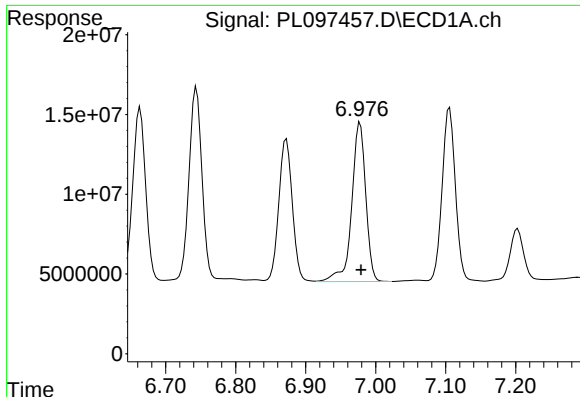
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.001 min
Response: 143605239
Conc: 38.09 ng/ml



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.001 min
Response: 198429725
Conc: 30.77 ng/ml



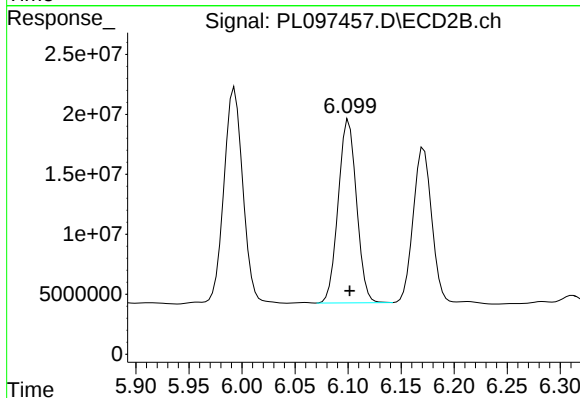
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 139314998
Conc: 32.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

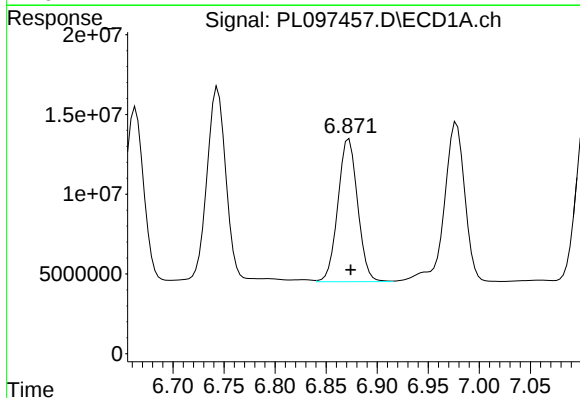
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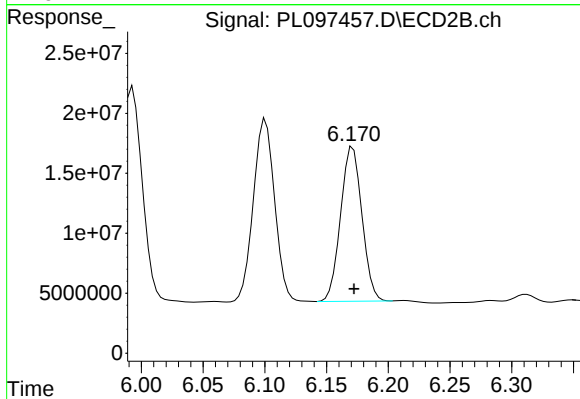
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 183478341
Conc: 26.51 ng/ml



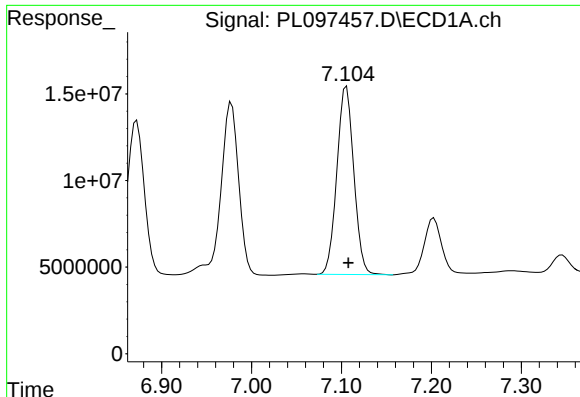
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: -0.002 min
Response: 120758538
Conc: 39.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 155065787
Conc: 29.05 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 142173211
Conc: 34.82 ng/ml

Instrument :

ECD_L

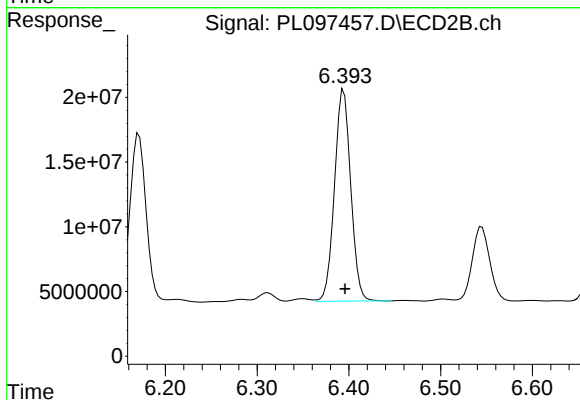
ClientSampleId :

WC-2MS

Manual Integrations

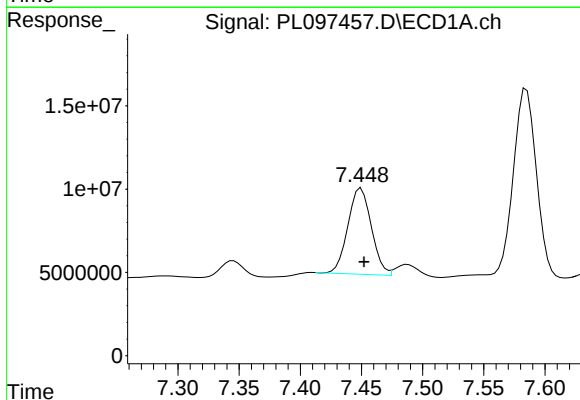
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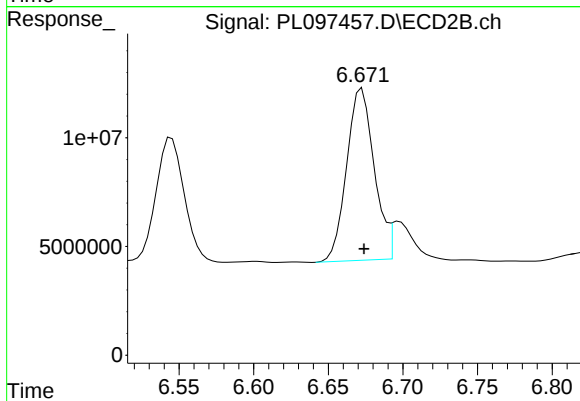
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 201356979
Conc: 29.40 ng/ml



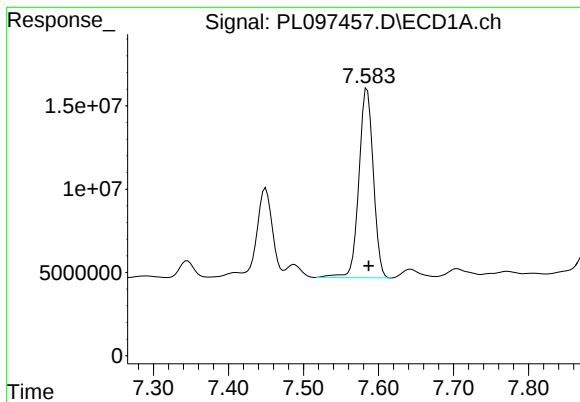
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.003 min
Response: 68962108
Conc: 33.07 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 101777542
Conc: 27.00 ng/ml



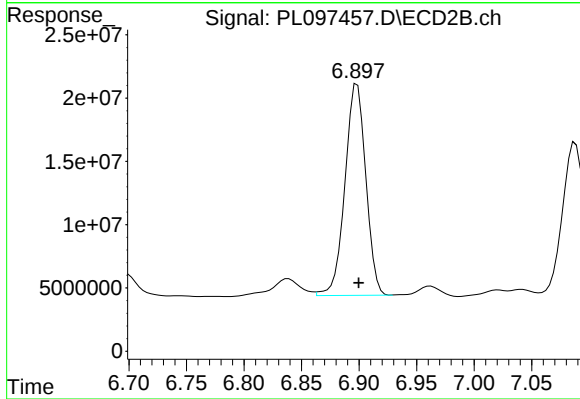
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.002 min
Response: 151836167
Conc: 35.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

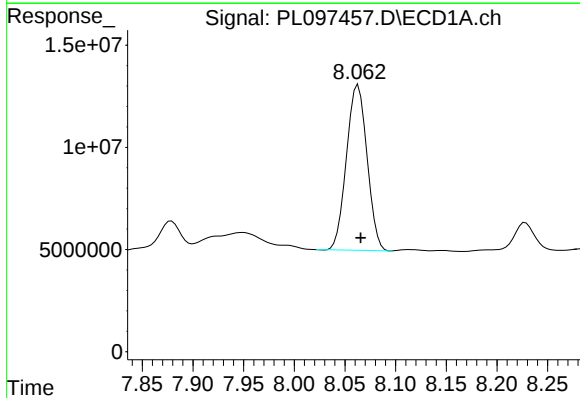
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



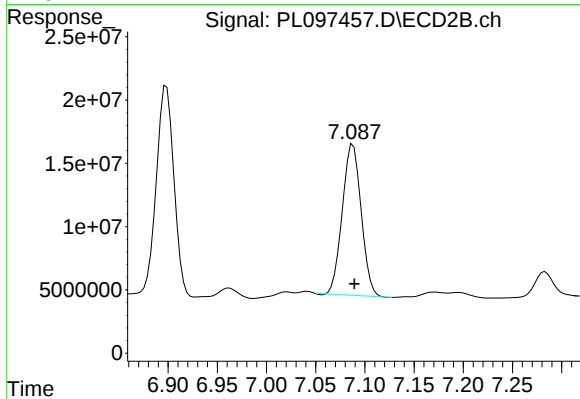
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.001 min
Response: 211889124
Conc: 28.14 ng/ml



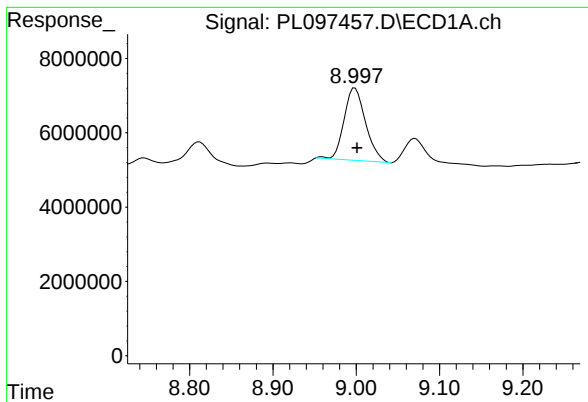
#22 Mirex

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 114374766
Conc: 32.22 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.001 min
Response: 159382058
Conc: 26.66 ng/ml



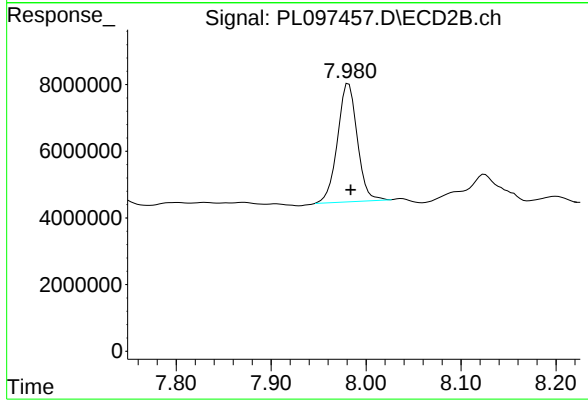
#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: -0.002 min
Response: 34876314
Conc: 10.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 51441281
Conc: 9.04 ng/ml