

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
 Data File : PL097628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2025 16:26
 Operator : AR\AJ
 Sample : PB170065BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB170065BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/14/2025
 Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:24:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 16:47:00 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...	3.525	2.823	55545664	81751412	13.625	13.432
28)	SA Decachlor...	8.997	7.981	76257269	111.1E6	25.644	21.407
Target Compounds							
2)	A alpha-BHC	3.972	3.328	294.4E6	427.6E6	43.649	43.338
3)	MA gamma-BHC...	4.300	3.659	272.7E6	388.7E6	42.902	42.313
4)	MA Heptachlor	4.890	4.007	241.6E6	340.7E6	37.460	37.062
5)	MB Aldrin	5.229	4.289	251.7E6	360.7E6	41.867	41.595
6)	B beta-BHC	4.487	3.956	113.2E6	161.8E6	43.774	40.680
7)	B delta-BHC	4.733	4.188	261.1E6	377.9E6	42.991	41.833
8)	B Heptachlo...	5.649	4.791	241.1E6	319.3E6	41.403	40.429
9)	A Endosulfan I	6.030	5.161	208.1E6	291.0E6	41.862	39.456
10)	B gamma-Chl...	5.901	5.042	223.1E6	344.3E6	41.101m	39.609
11)	B alpha-Chl...	5.982	5.106	226.2E6	327.9E6	41.693	39.374
12)	B 4,4'-DDE	6.153	5.295	198.1E6	301.8E6	42.532	39.753
13)	MA Dieldrin	6.302	5.426	217.1E6	328.0E6	41.273	39.665
14)	MA Endrin	6.529	5.701	172.1E6	313.6E6	38.472	42.367
15)	B Endosulfa...	6.742	5.992	191.6E6	262.5E6	39.161	38.014
16)	A 4,4'-DDD	6.662	5.847	176.3E6	251.4E6	46.721	39.407
17)	MA 4,4'-DDT	6.976	6.100	143.1E6	209.2E6	35.298	31.398
18)	B Endrin al...	6.871	6.170	141.8E6	198.4E6	43.261	34.448
19)	B Endosulfa...	7.105	6.394	164.3E6	247.5E6	40.972	37.168
20)	A Methoxychlor	7.450	6.672	68167271	108.4E6	32.632	29.747
21)	B Endrin ke...	7.584	6.898	181.9E6	275.7E6	42.475	34.901
22)	Mirex	8.062	7.087	121.5E6	186.8E6	39.100	34.922

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097628.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 16:26
Operator : AR\AJ
Sample : PB170065BS
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ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB170065BS

Manual Integrations

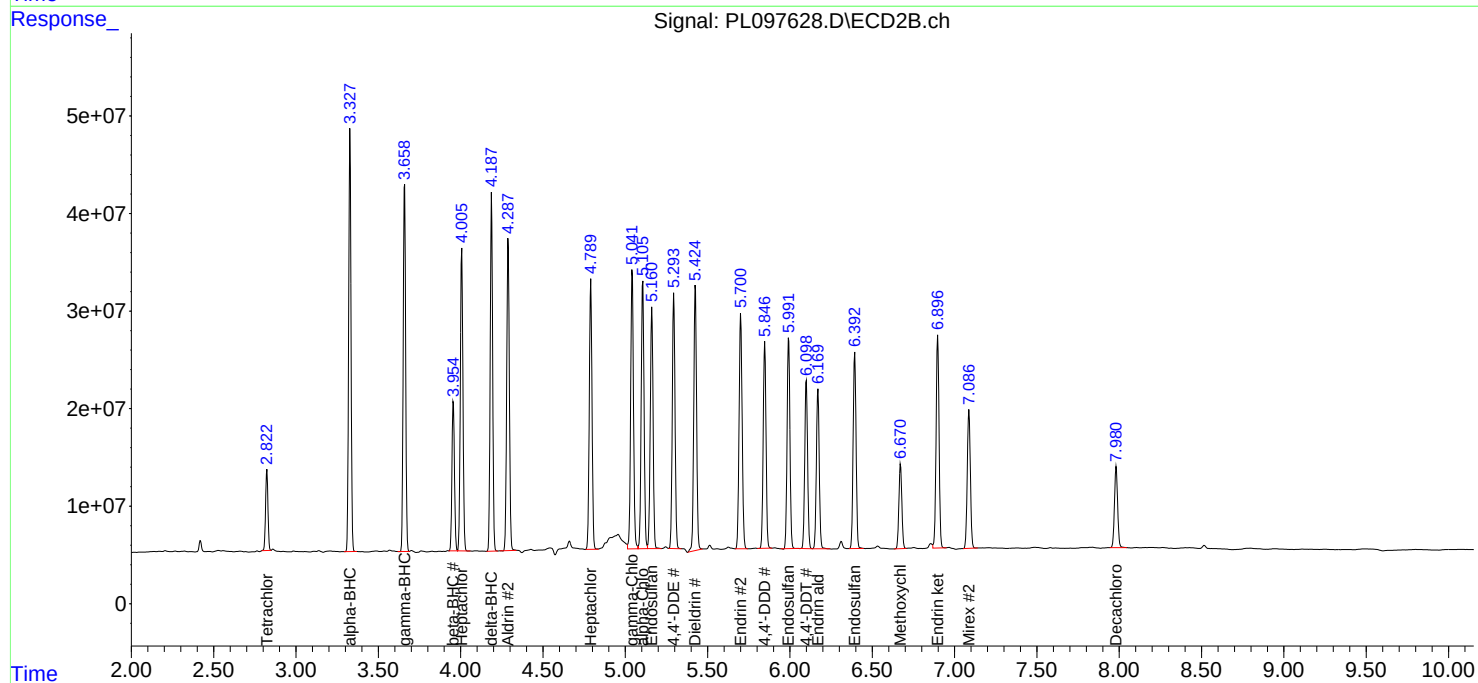
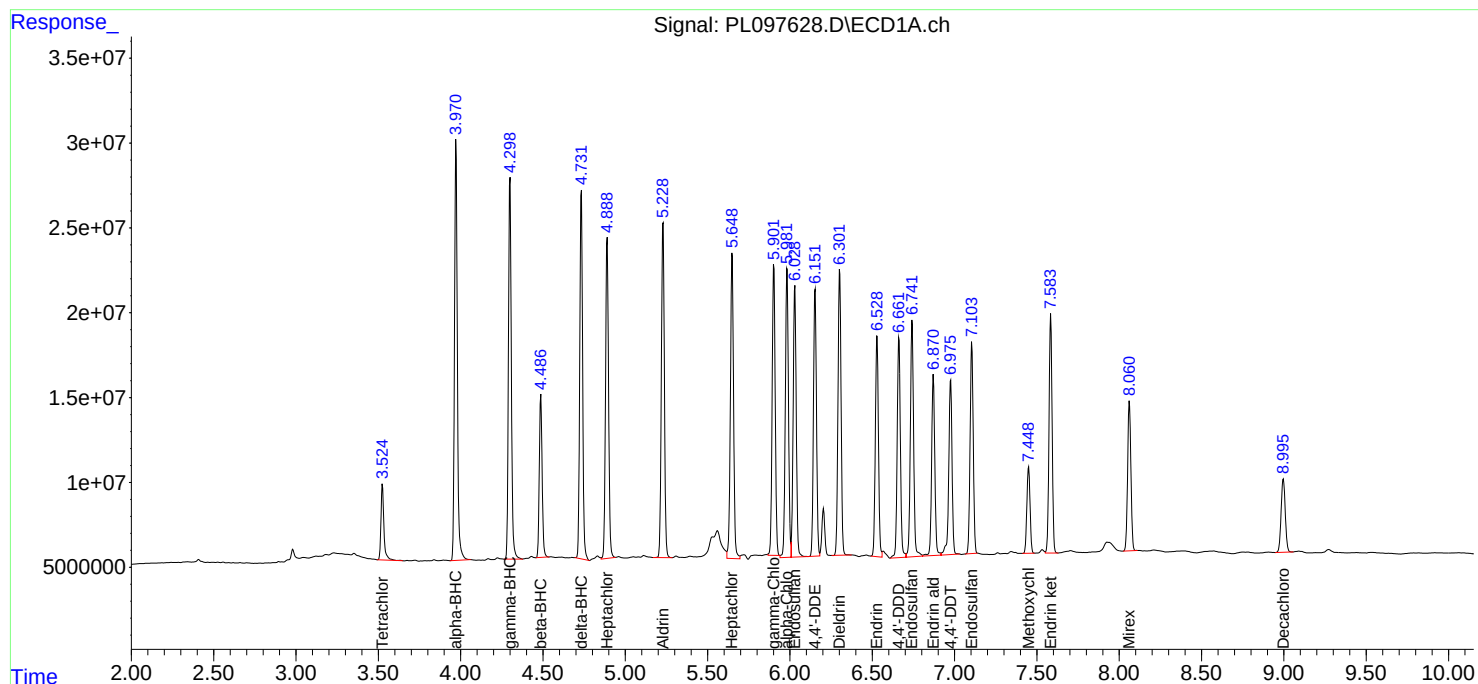
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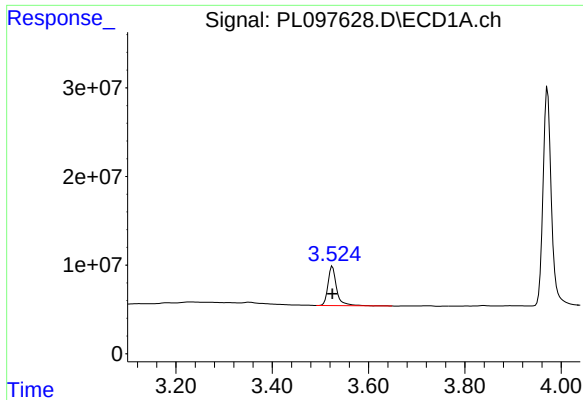
Reviewed By :Abdul Mirza 10/14/2025

Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:24:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 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





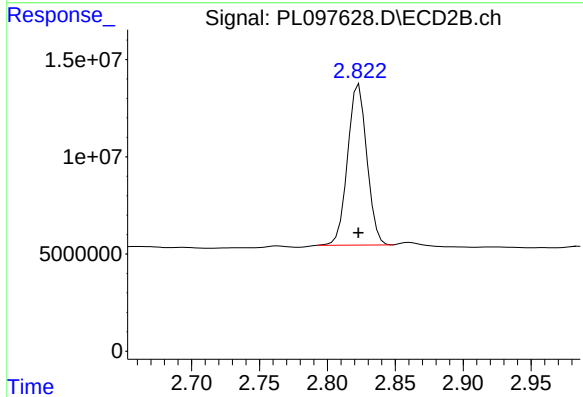
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: 0.000 min
Response: 55545664
Conc: 13.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

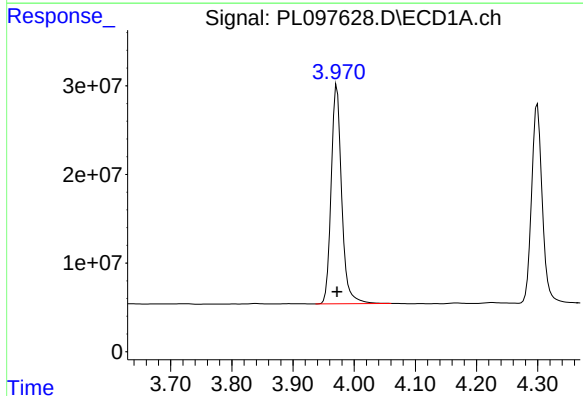
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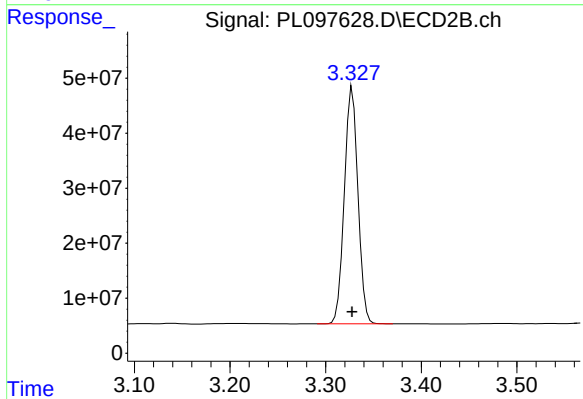
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 81751412
Conc: 13.43 ng/ml



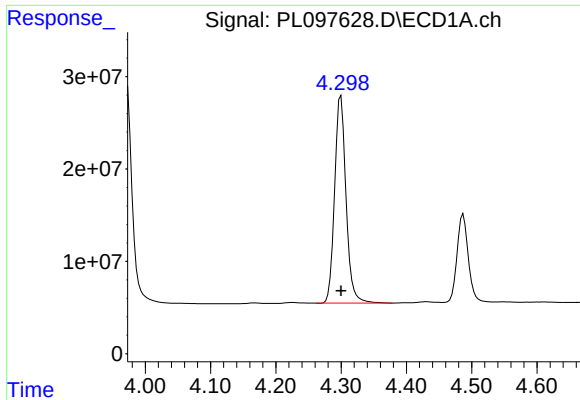
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 294442572
Conc: 43.65 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 427615485
Conc: 43.34 ng/ml



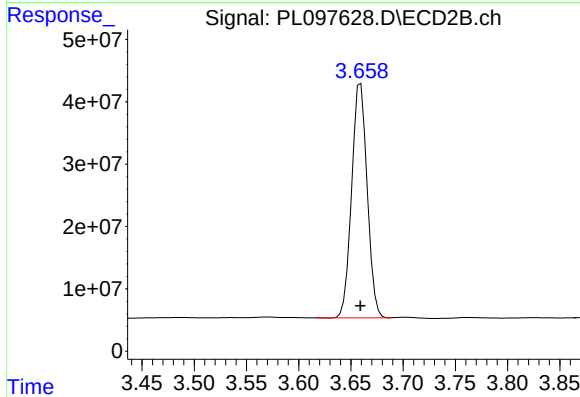
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 272699894
Conc: 42.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

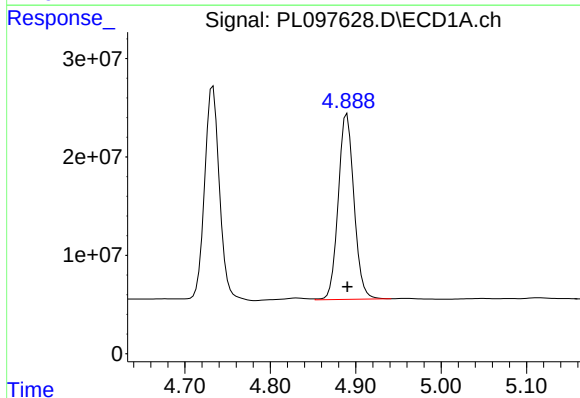
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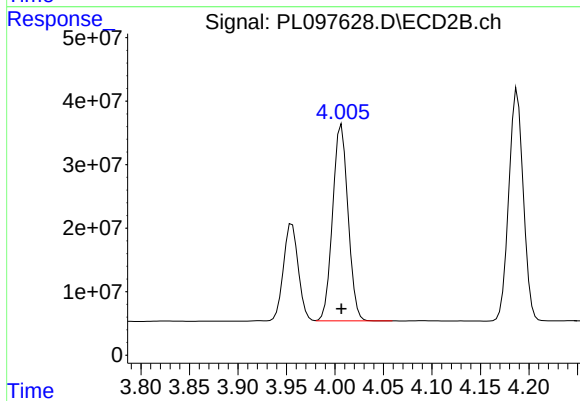
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 388743753
Conc: 42.31 ng/ml



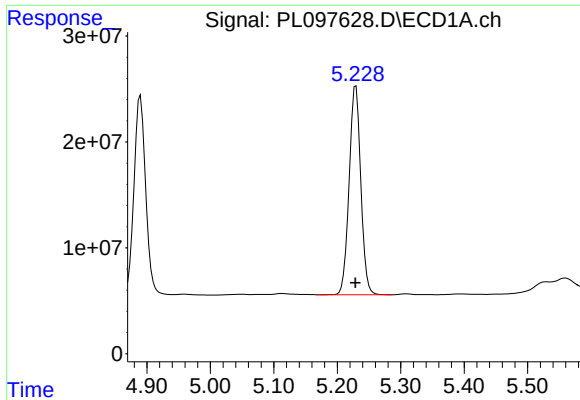
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: 0.000 min
Response: 241645581
Conc: 37.46 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 340683041
Conc: 37.06 ng/ml



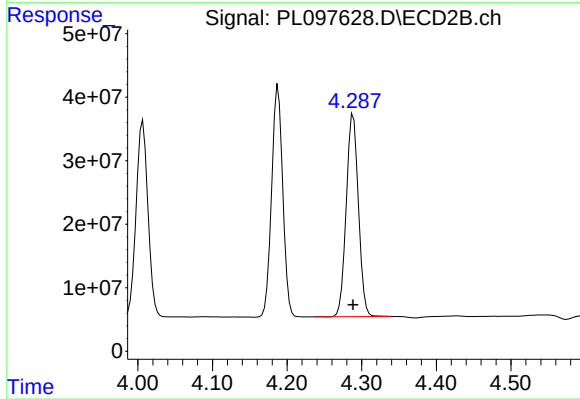
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 251733262
Conc: 41.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

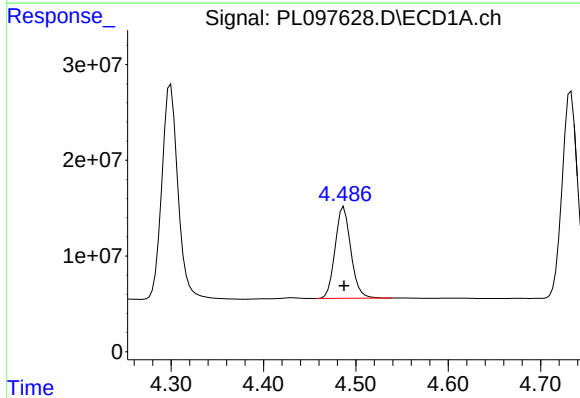
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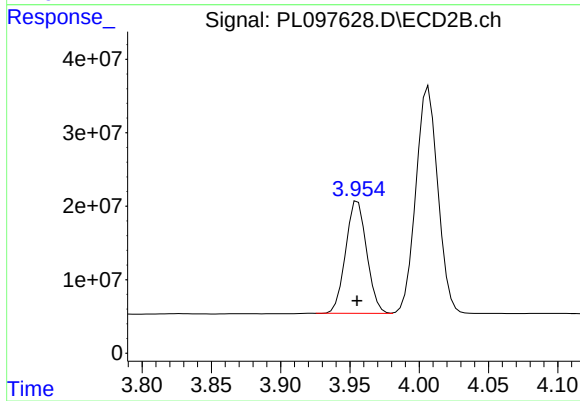
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 360703839
Conc: 41.59 ng/ml



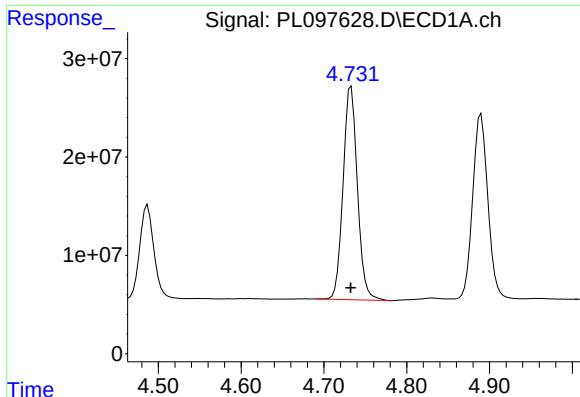
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 113176003
Conc: 43.77 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 161829447
Conc: 40.68 ng/ml



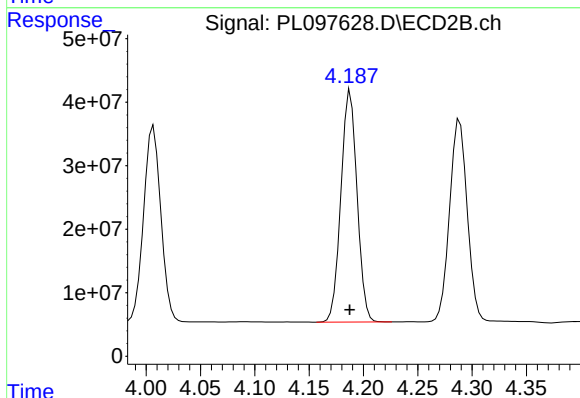
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 261067020
Conc: 42.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

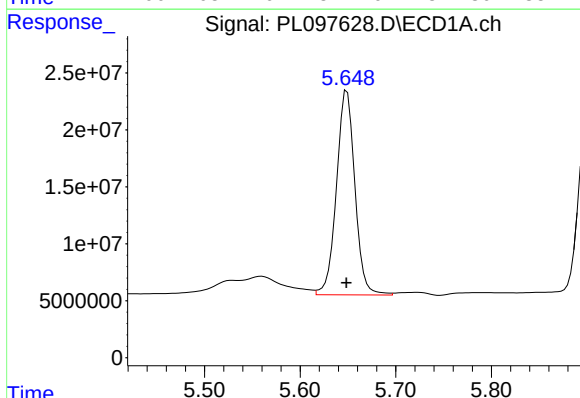
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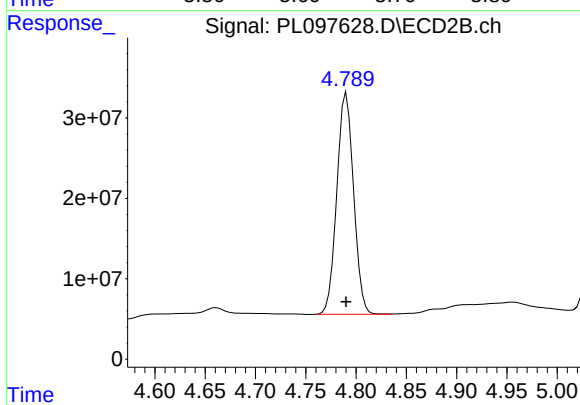
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 377918086
Conc: 41.83 ng/ml



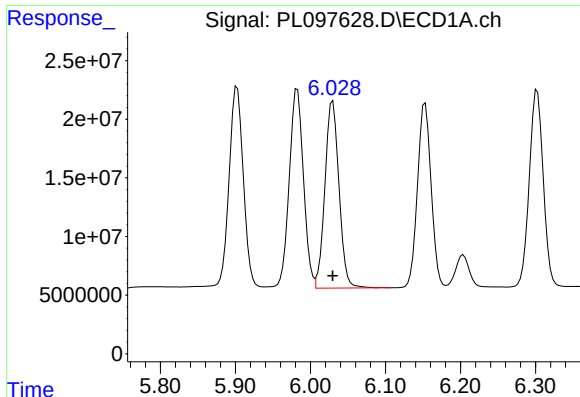
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 241058247
Conc: 41.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 319304788
Conc: 40.43 ng/ml



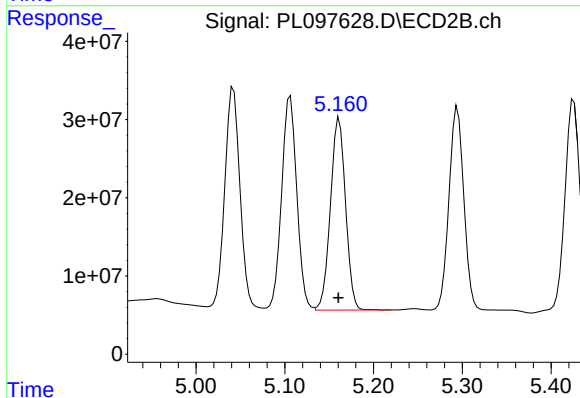
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 208111444
Conc: 41.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

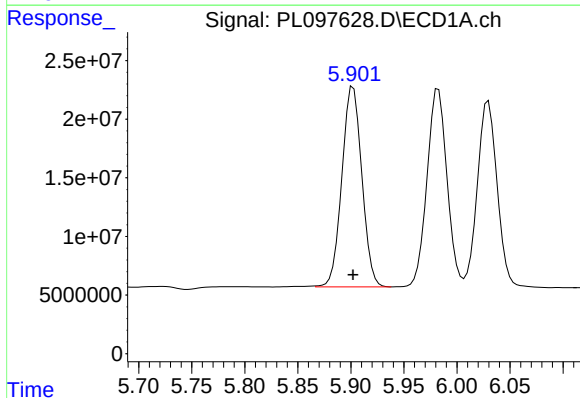
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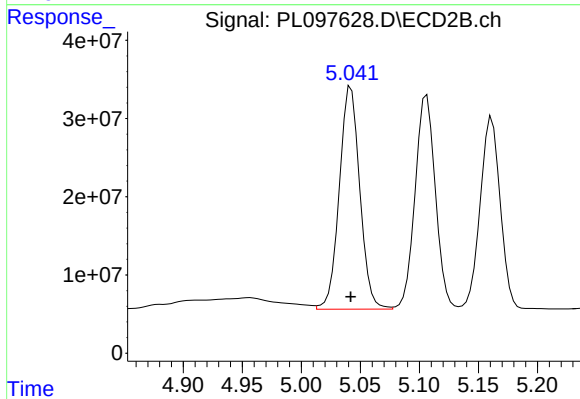
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 290965186
Conc: 39.46 ng/ml



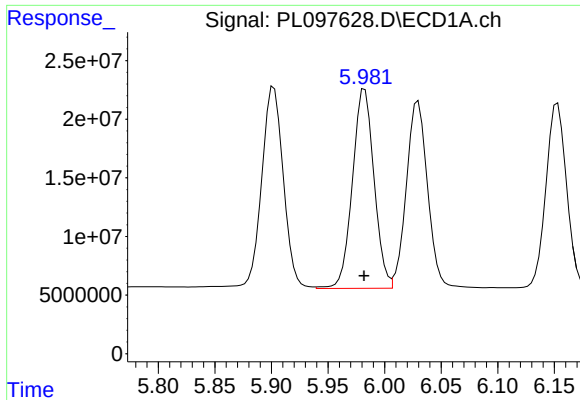
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.001 min
Response: 223072021
Conc: 41.10 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 344324049
Conc: 39.61 ng/ml



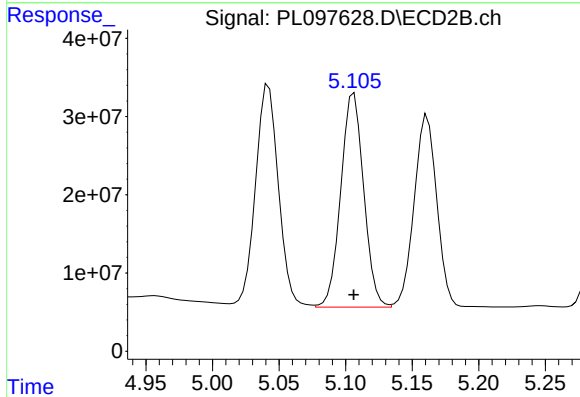
#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 226246081
Conc: 41.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

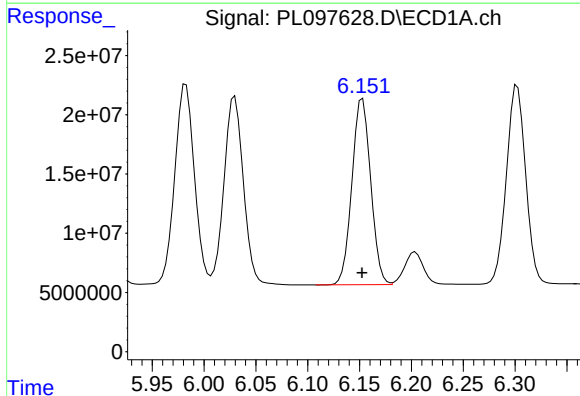
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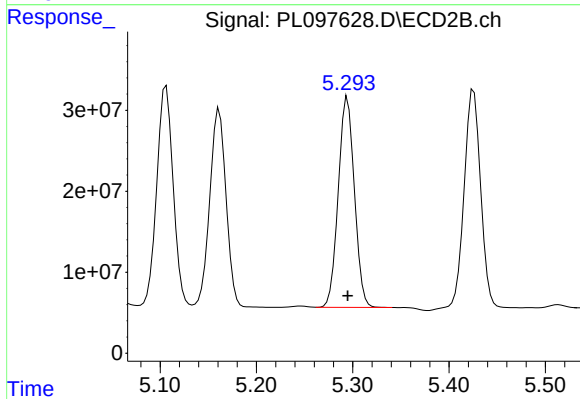
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: 0.000 min
Response: 327880414
Conc: 39.37 ng/ml



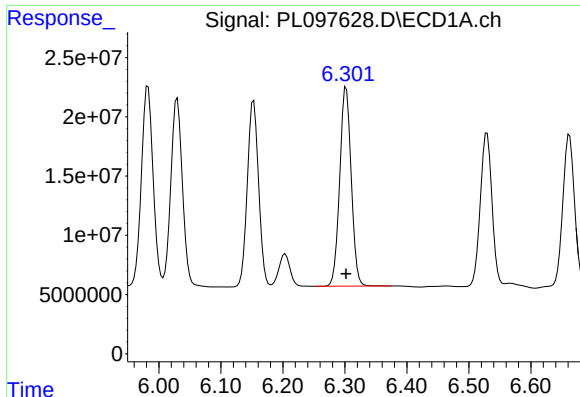
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 198079487
Conc: 42.53 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 301818788
Conc: 39.75 ng/ml



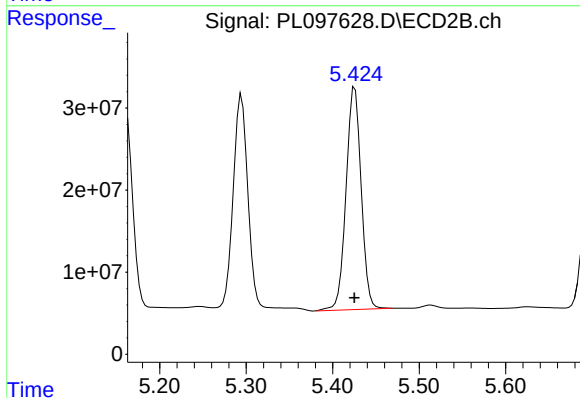
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 217117175
Conc: 41.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

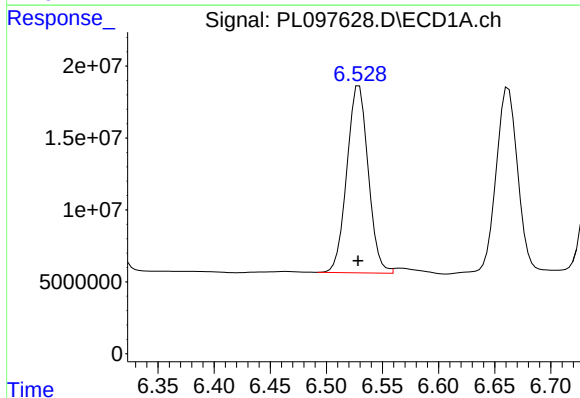
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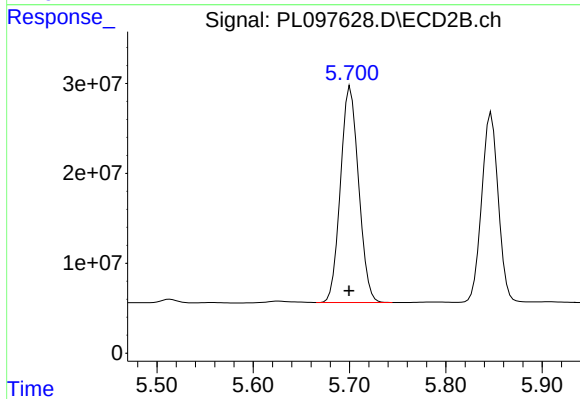
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 327962775
Conc: 39.67 ng/ml



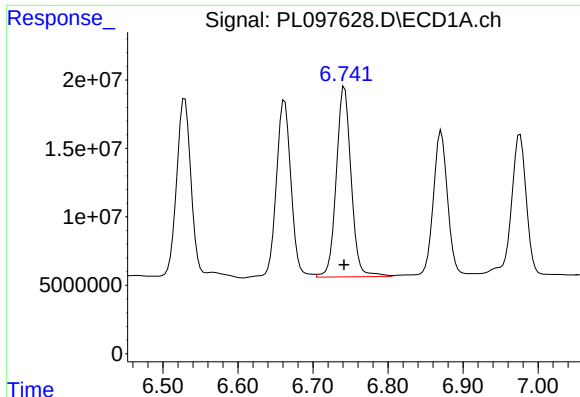
#14 Endrin

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 172135217
Conc: 38.47 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: 0.002 min
Response: 313578767
Conc: 42.37 ng/ml



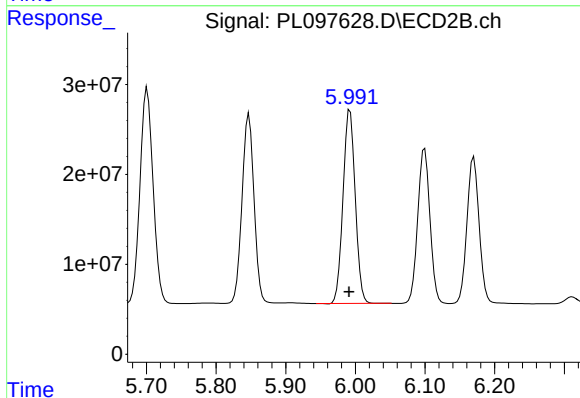
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 191581492
Conc: 39.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

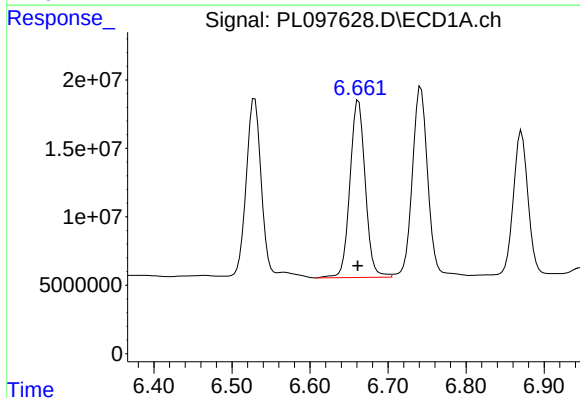
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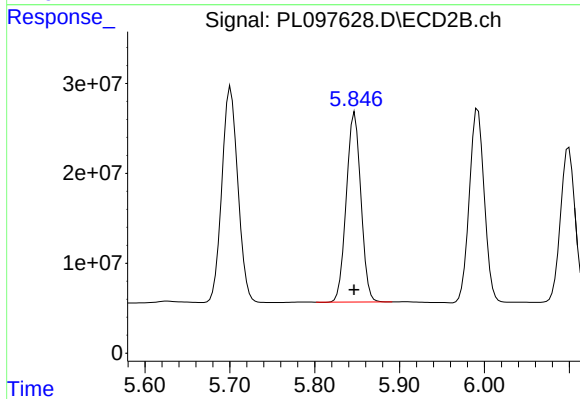
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 262488837
Conc: 38.01 ng/ml



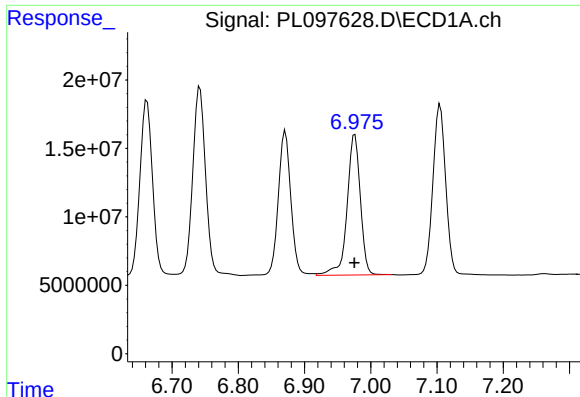
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: 0.001 min
Response: 176300608
Conc: 46.72 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 251373849
Conc: 39.41 ng/ml



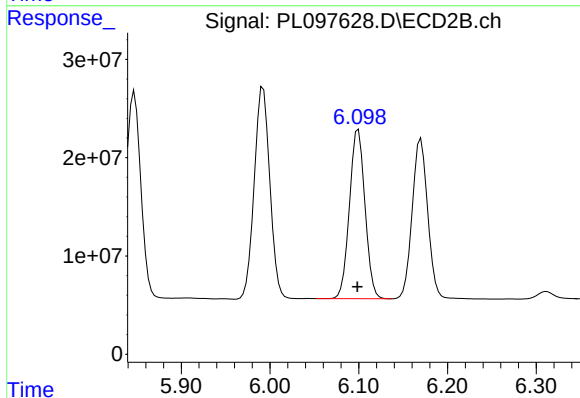
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 143124808
Conc: 35.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

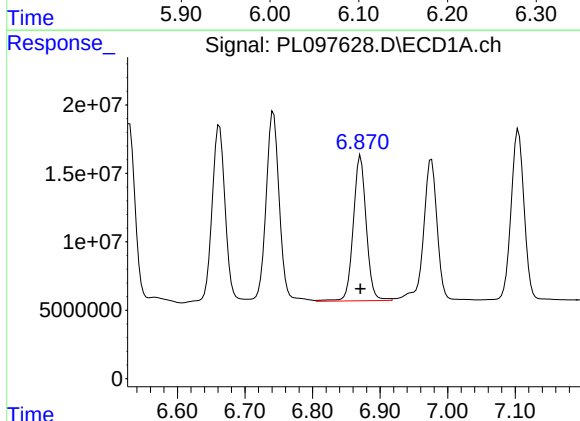
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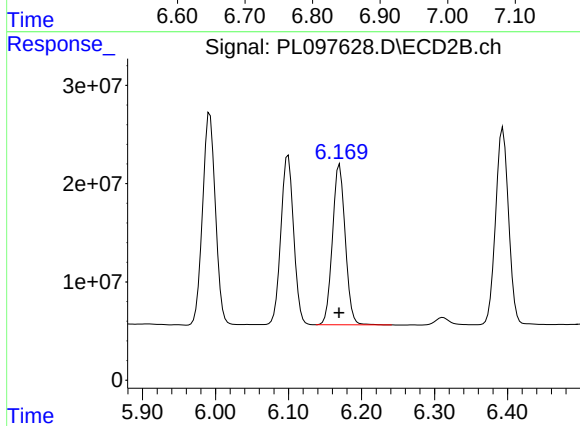
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 209220528
Conc: 31.40 ng/ml



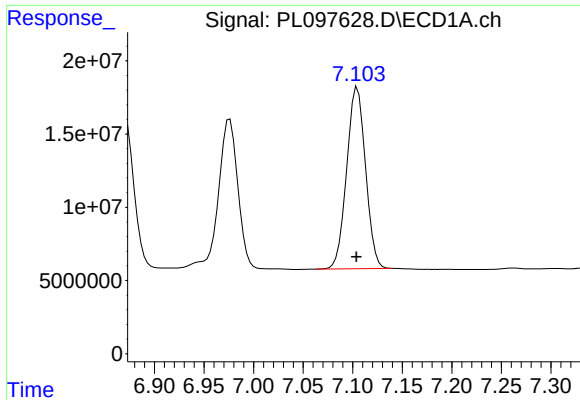
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 141754749
Conc: 43.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 198371110
Conc: 34.45 ng/ml



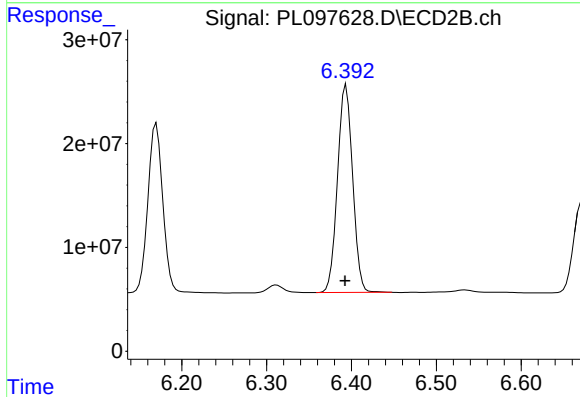
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 164294302
Conc: 40.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

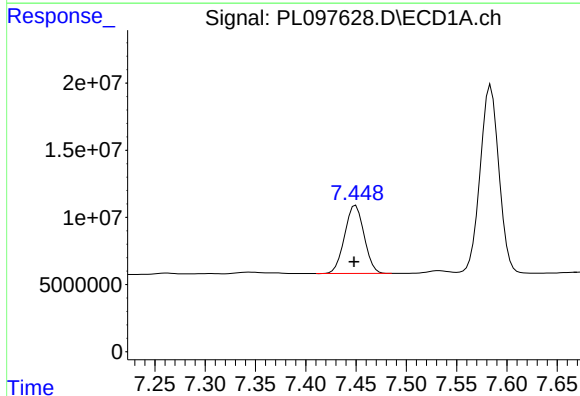
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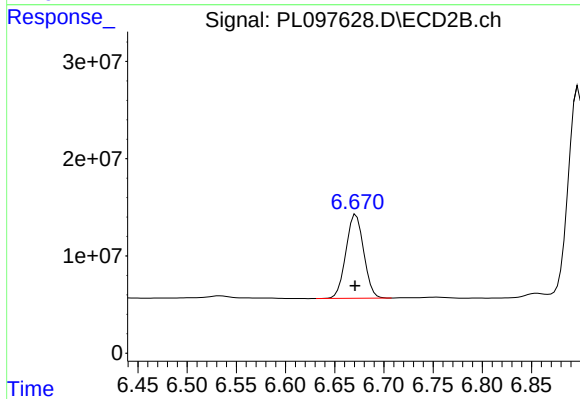
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: 0.001 min
Response: 247455787
Conc: 37.17 ng/ml



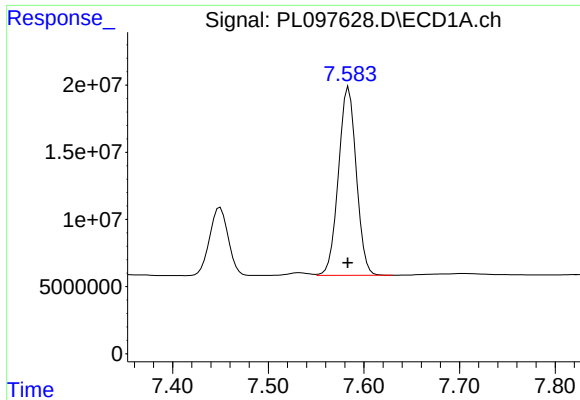
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: 0.002 min
Response: 68167271
Conc: 32.63 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: 0.001 min
Response: 108434482
Conc: 29.75 ng/ml



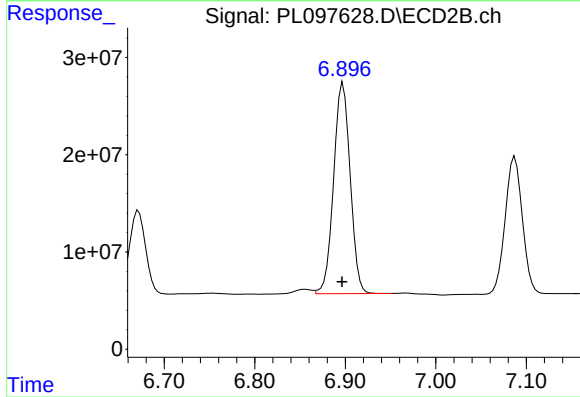
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: 0.001 min
Response: 181865070
Conc: 42.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

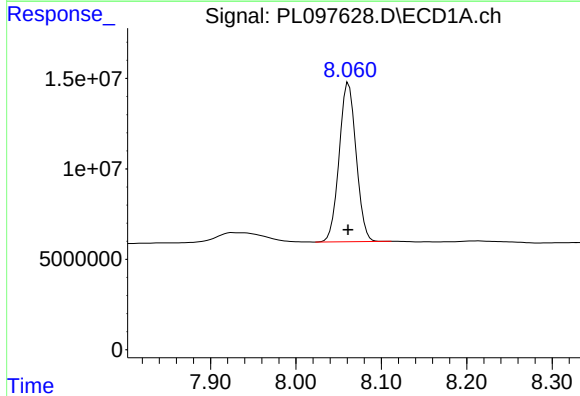
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Reviewed By :Abdul Mirza 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



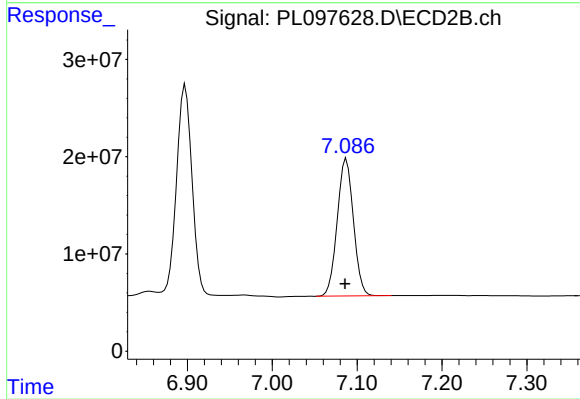
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: 0.001 min
Response: 275712673
Conc: 34.90 ng/ml



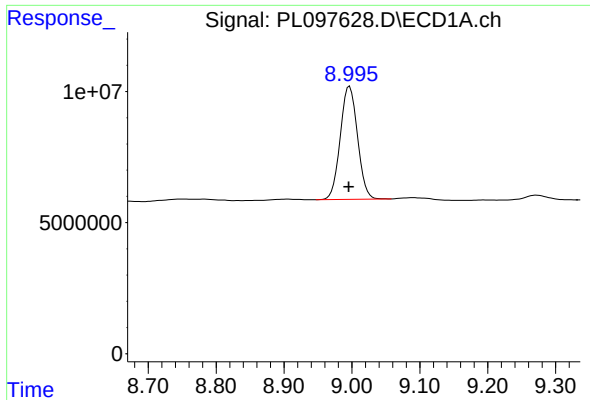
#22 Mirex

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 121500500
Conc: 39.10 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: 0.002 min
Response: 186824713
Conc: 34.92 ng/ml



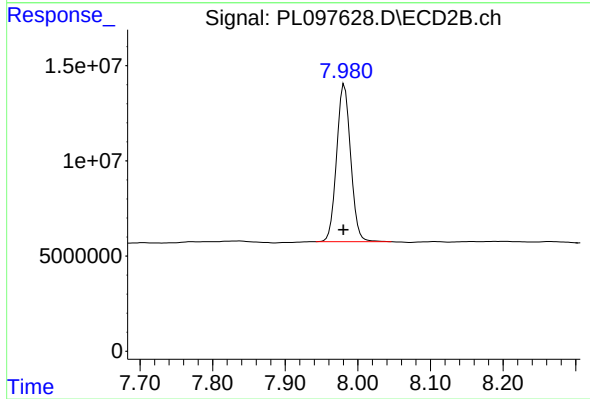
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: 0.001 min
Response: 76257269
Conc: 25.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: 0.001 min
Response: 111083786
Conc: 21.41 ng/ml