

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
 Data File : PL097634.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2025 18:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

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 03:15:52 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	218.7E6	315.6E6	53.640	51.857
28)	SA Decachlor...	8.995	7.981	150.5E6	232.0E6	50.625	44.715
Target Compounds							
2)	A alpha-BHC	3.971	3.327	365.5E6	521.9E6	54.177	52.889
3)	MA gamma-BHC...	4.299	3.659	339.0E6	477.2E6	53.328	51.937
4)	MA Heptachlor	4.889	4.007	286.7E6	405.2E6	44.443	44.084
5)	MB Aldrin	5.228	4.289	316.3E6	449.2E6	52.601	51.806
6)	B beta-BHC	4.487	3.955	139.8E6	200.7E6	54.059	50.453
7)	B delta-BHC	4.732	4.188	325.6E6	471.4E6	53.615	52.179
8)	B Heptachlo...	5.648	4.790	288.3E6	400.2E6	49.521	50.668
9)	A Endosulfan I	6.030	5.161	258.5E6	370.3E6	51.991	50.217
10)	B gamma-Chl...	5.902	5.042	289.4E6	438.5E6	53.330	50.439
11)	B alpha-Chl...	5.982	5.106	281.0E6	417.0E6	51.785	50.079
12)	B 4,4'-DDE	6.153	5.294	252.1E6	386.9E6	54.138	50.963
13)	MA Dieldrin	6.302	5.425	276.9E6	416.9E6	52.644	50.420
14)	MA Endrin	6.528	5.700	213.7E6	331.9E6	47.759	44.839
15)	B Endosulfa...	6.742	5.992	235.3E6	343.6E6	48.100	49.758
16)	A 4,4'-DDD	6.661	5.847	217.3E6	343.5E6	57.590m	53.852
17)	MA 4,4'-DDT	6.976	6.099	163.6E6	248.9E6	40.351	37.359
18)	B Endrin al...	6.870	6.170	173.5E6	251.6E6	52.936	43.694
19)	B Endosulfa...	7.104	6.394	206.3E6	323.0E6	51.452	48.521
20)	A Methoxychlor	7.449	6.671	75158186	127.1E6	35.978	34.867
21)	B Endrin ke...	7.584	6.898	229.8E6	364.3E6	53.675	46.117
22)	Mirex	8.061	7.087	150.2E6	247.1E6	48.346	46.191

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097634.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 18:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

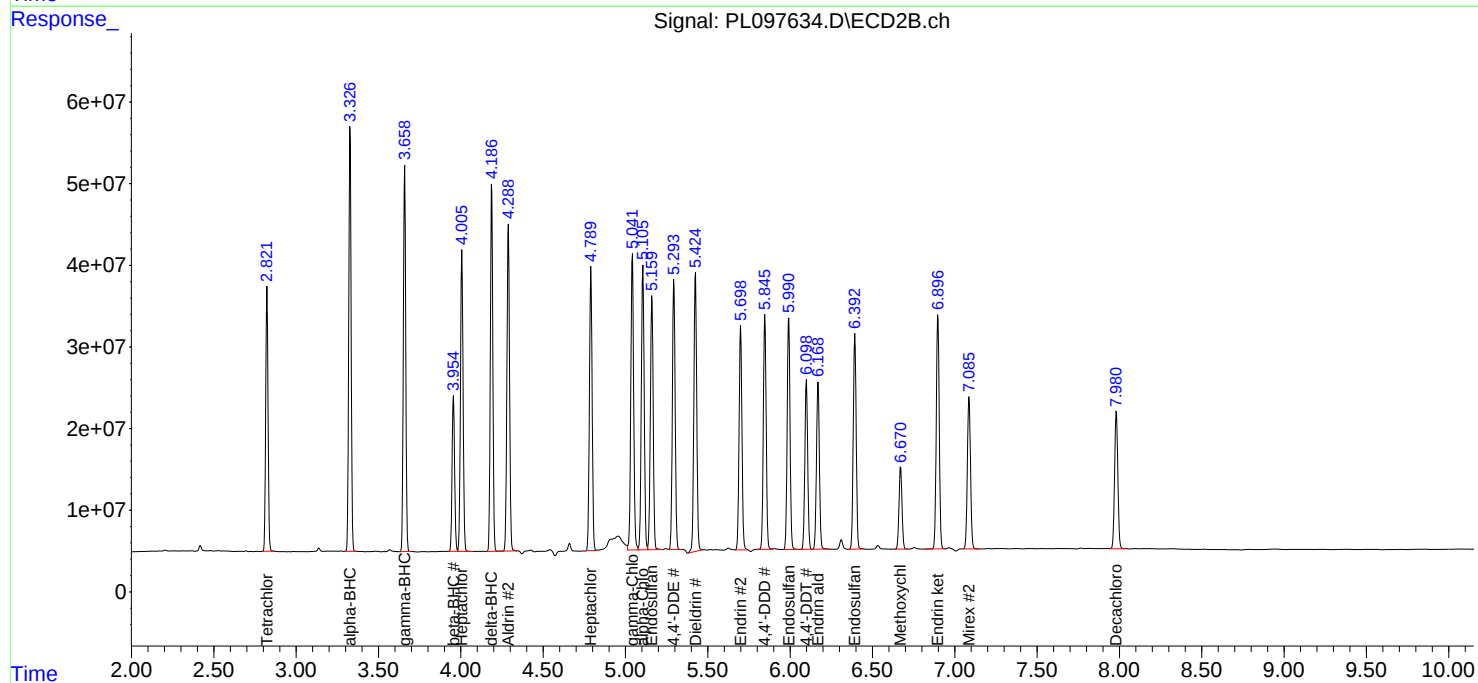
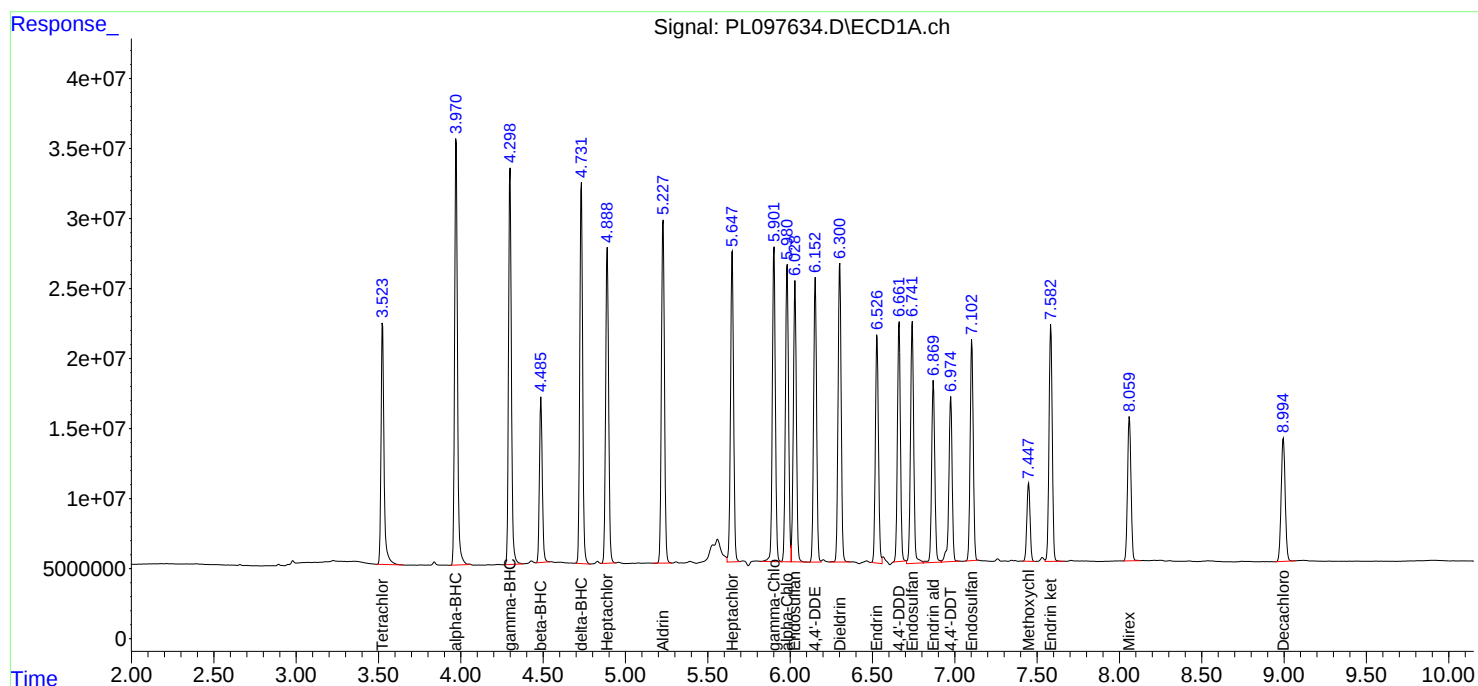
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

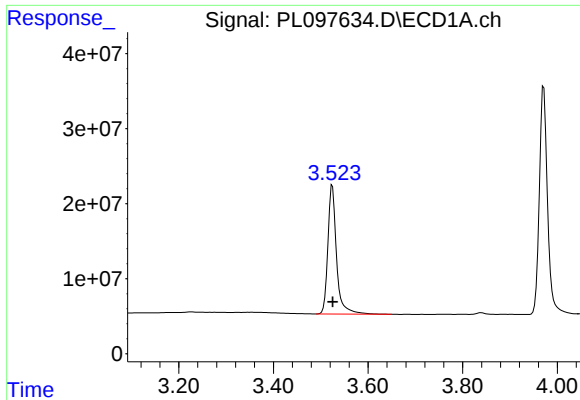
Manual Integrations
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Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 03:15:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





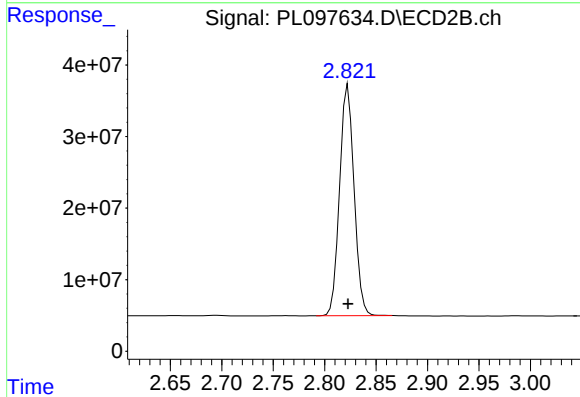
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: 0.000 min
Response: 218676331
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

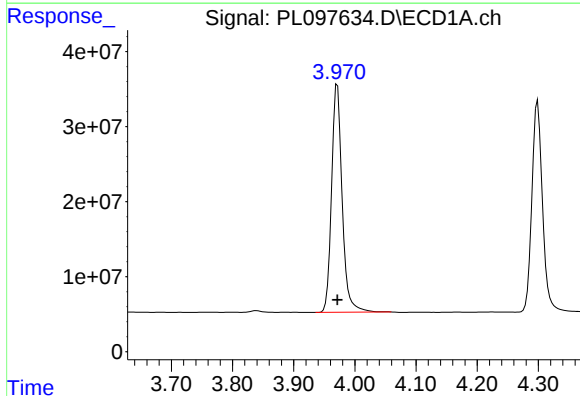
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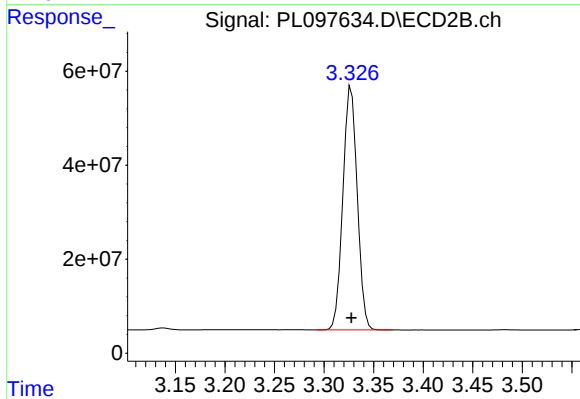
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 315624039
Conc: 51.86 ng/ml



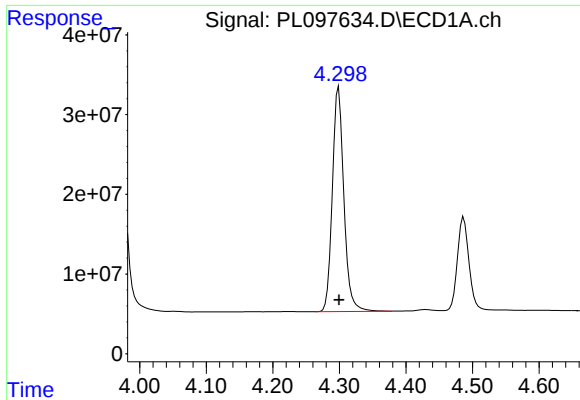
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 365461031
Conc: 54.18 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 521854723
Conc: 52.89 ng/ml



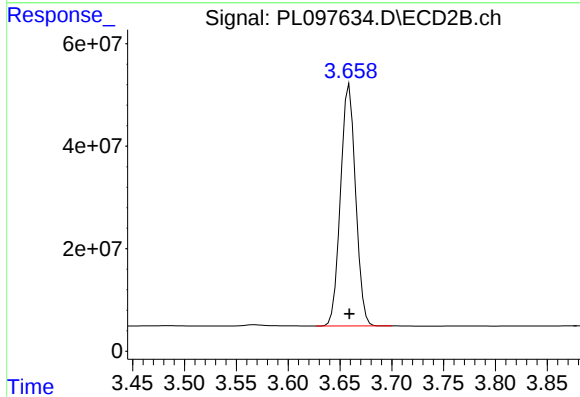
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 338968574
Conc: 53.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

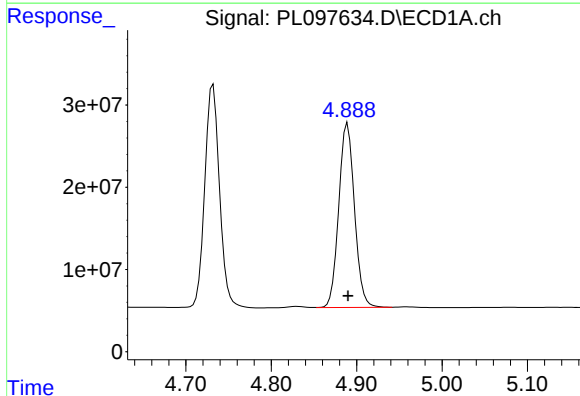
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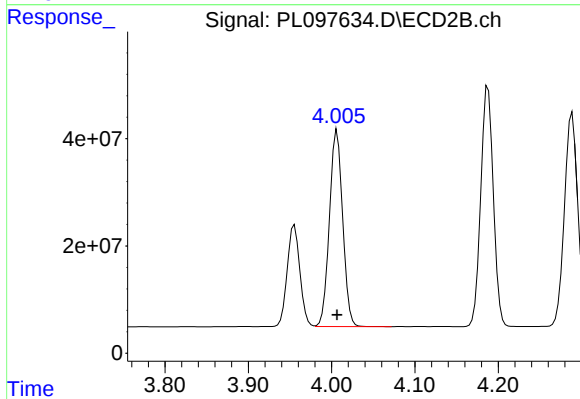
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 477161845
Conc: 51.94 ng/ml



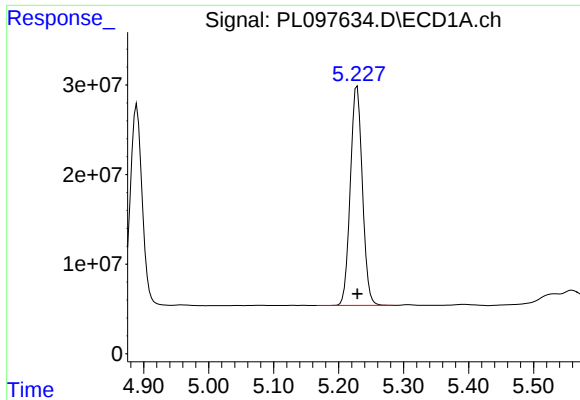
#4 Heptachlor

R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 286688440
Conc: 44.44 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 405232101
Conc: 44.08 ng/ml



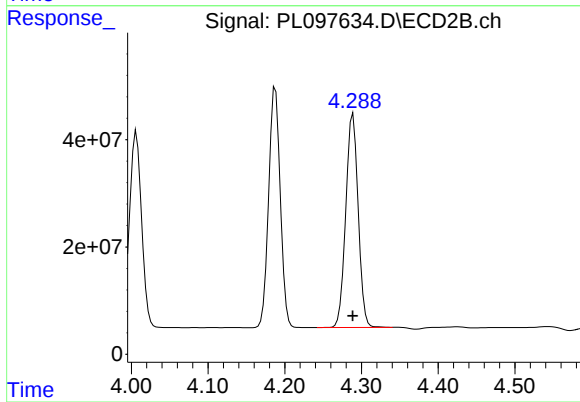
#5 Aldrin

R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 316272241
Conc: 52.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

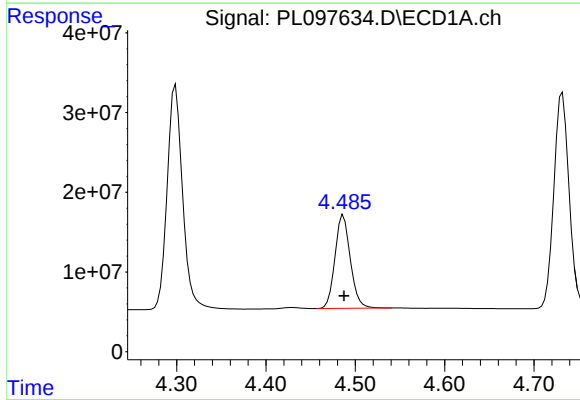
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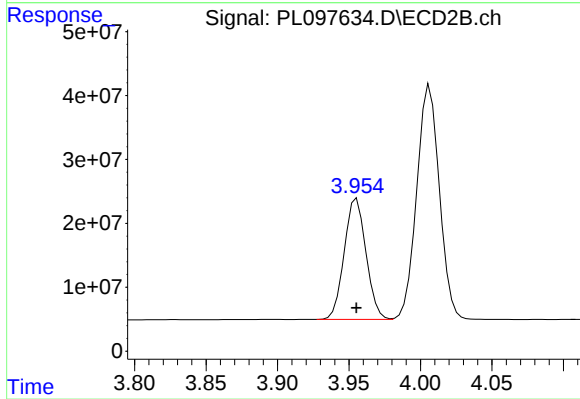
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 449248863
Conc: 51.81 ng/ml



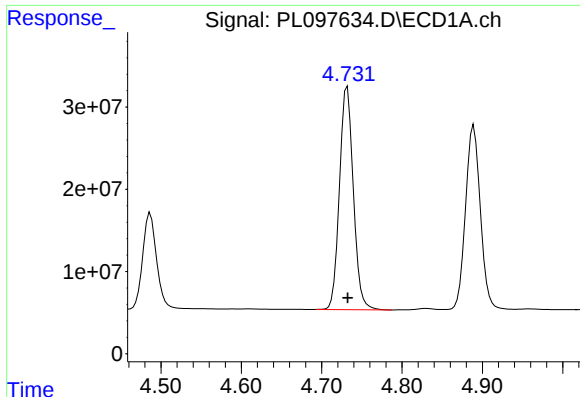
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 139767324
Conc: 54.06 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 200708688
Conc: 50.45 ng/ml



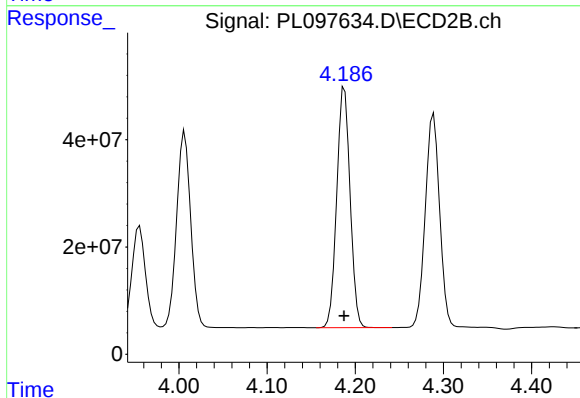
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 325581218
Conc: 53.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

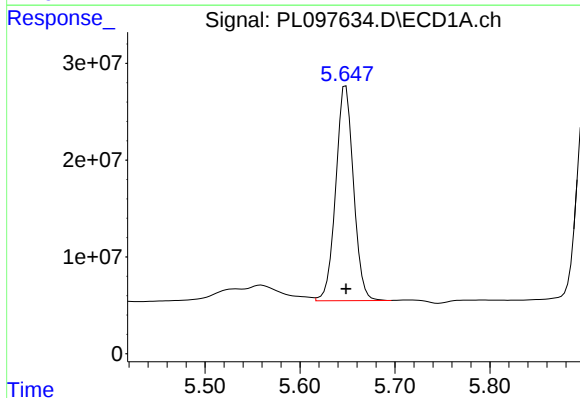
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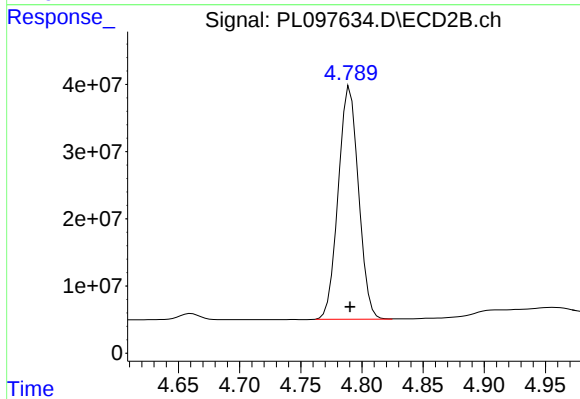
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 471384917
Conc: 52.18 ng/ml



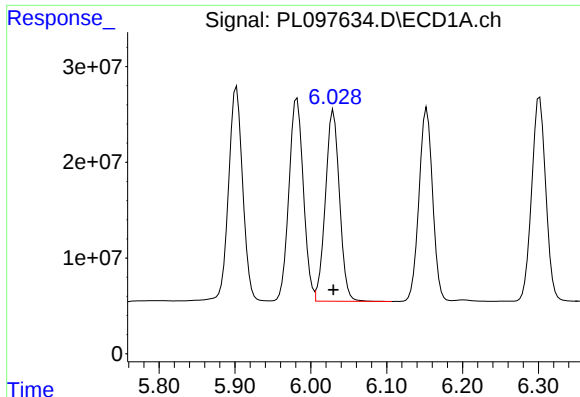
#8 Heptachlor epoxide

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 288322899
Conc: 49.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 400177733
Conc: 50.67 ng/ml



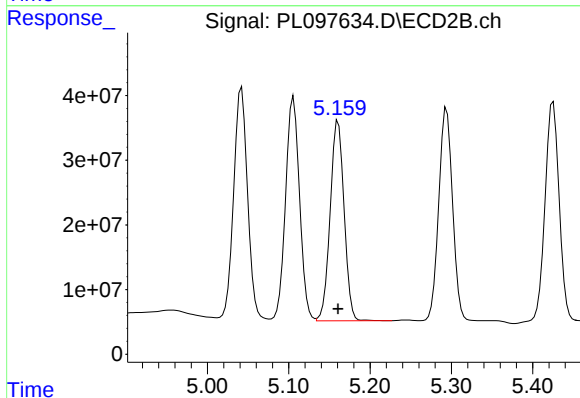
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 258467934
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

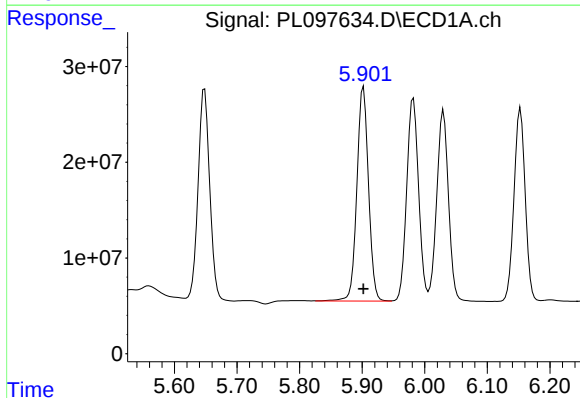
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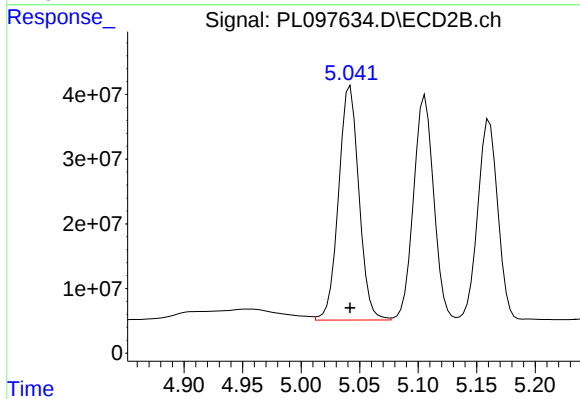
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 370315168
Conc: 50.22 ng/ml



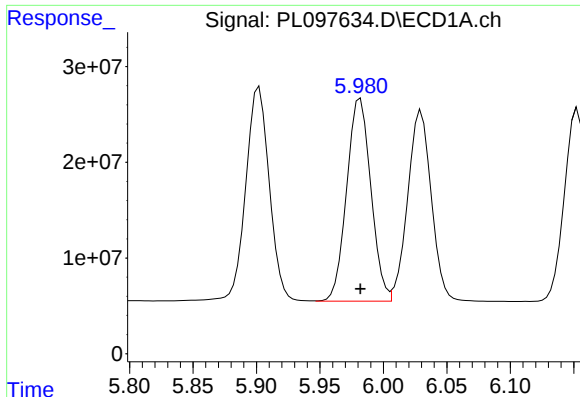
#10 gamma-Chlordane

R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 289442125
Conc: 53.33 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 438472496
Conc: 50.44 ng/ml



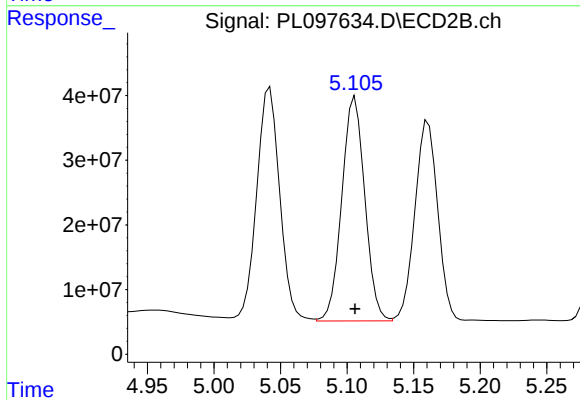
#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 281009264
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

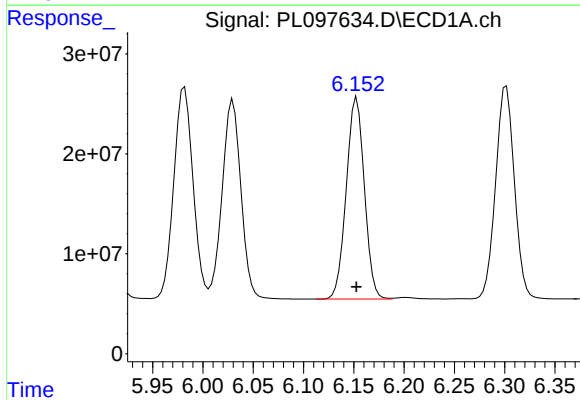
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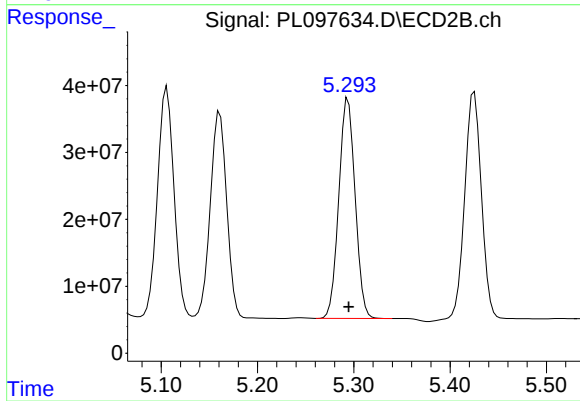
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: 0.000 min
Response: 417019423
Conc: 50.08 ng/ml



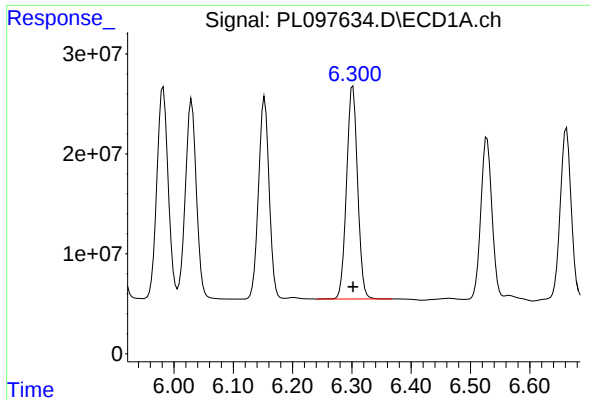
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 252133123
Conc: 54.14 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 386934409
Conc: 50.96 ng/ml



#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 276934025
Conc: 52.64 ng/ml

Instrument :

ECD_L

ClientSampleId :

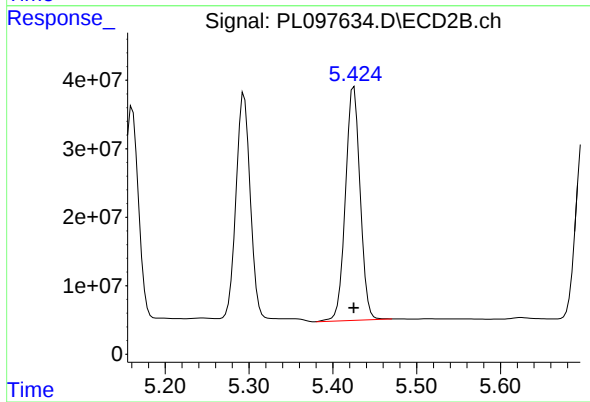
PSTDCCC050

Manual Integrations

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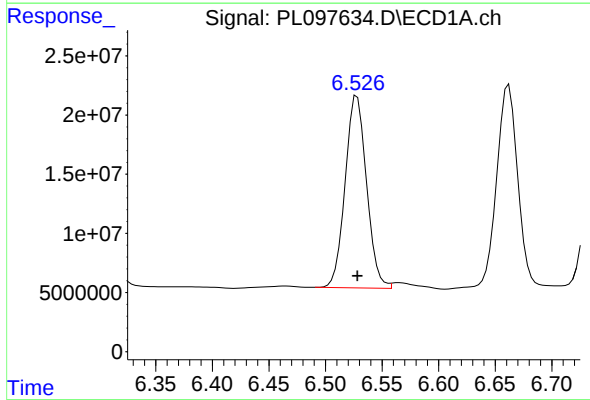
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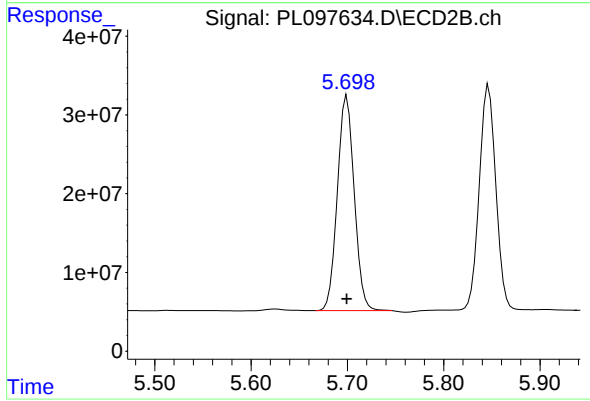
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 416886152
Conc: 50.42 ng/ml



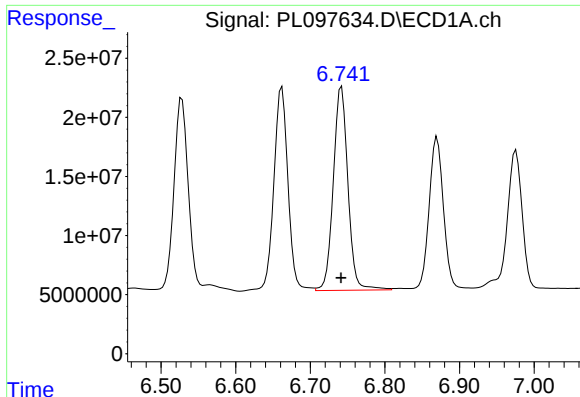
#14 Endrin

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 213686837
Conc: 47.76 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 331871174
Conc: 44.84 ng/ml



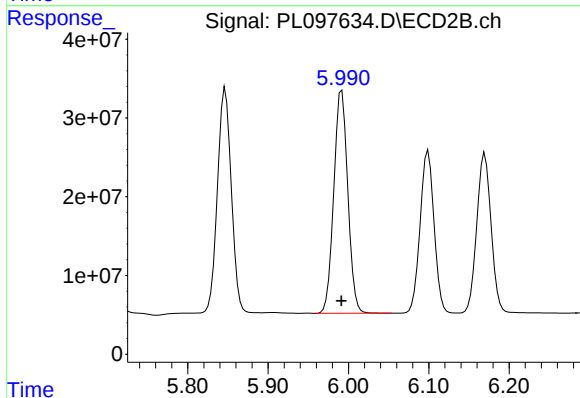
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 235311613
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

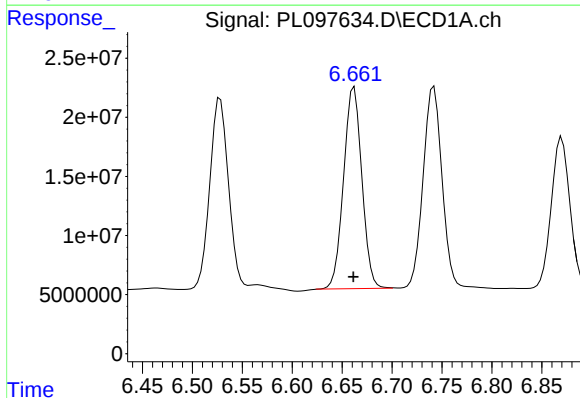
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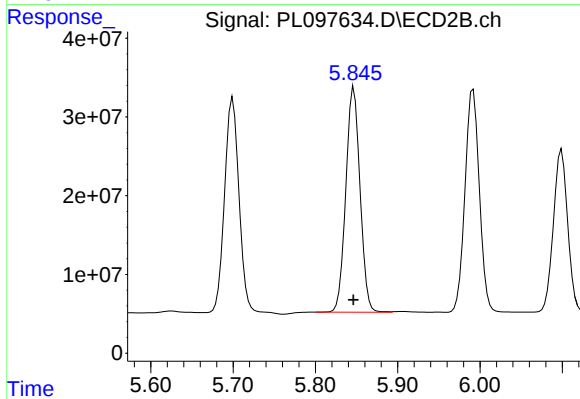
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 343576899
Conc: 49.76 ng/ml



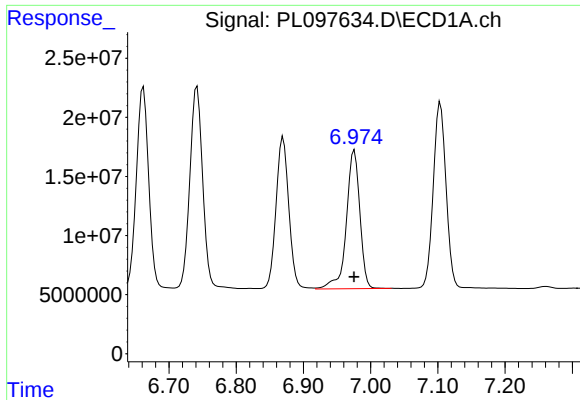
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 217317049
Conc: 57.59 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 343515458
Conc: 53.85 ng/ml



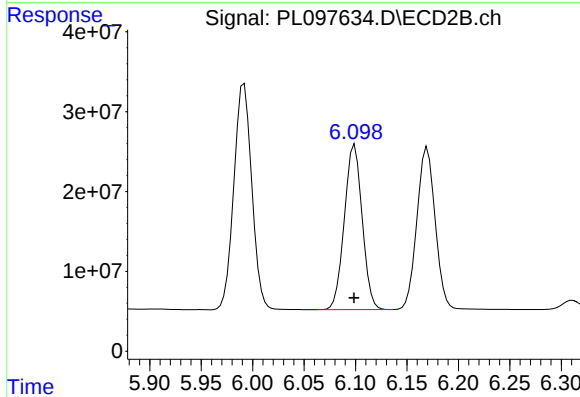
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 163612094
Conc: 40.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

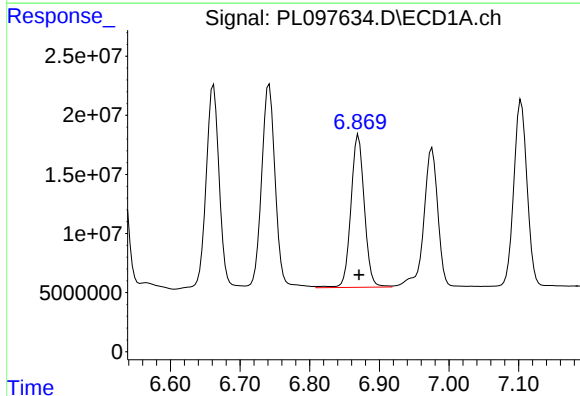
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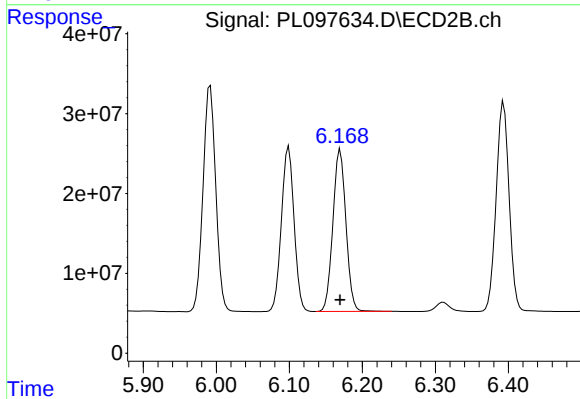
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 248937459
Conc: 37.36 ng/ml



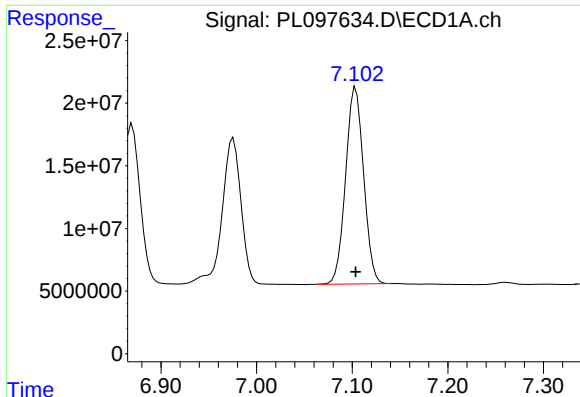
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 173456214
Conc: 52.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 251610341
Conc: 43.69 ng/ml



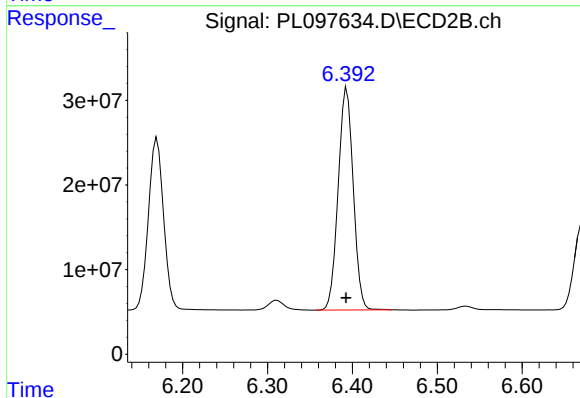
#19 Endosulfan Sulfate

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 206317206
Conc: 51.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

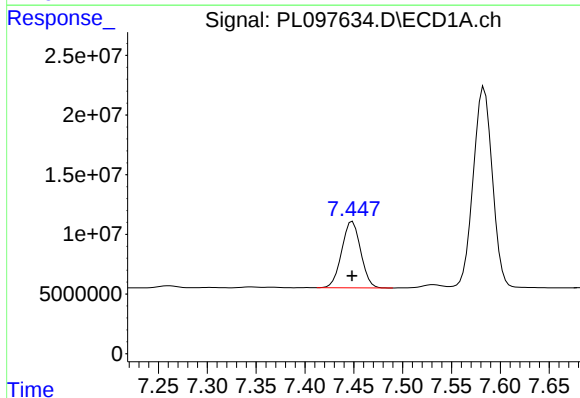
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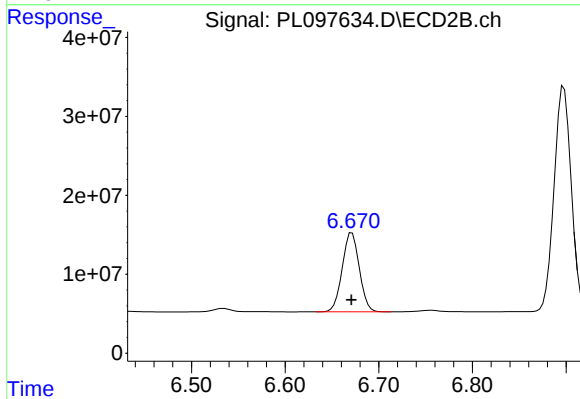
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 323045309
Conc: 48.52 ng/ml



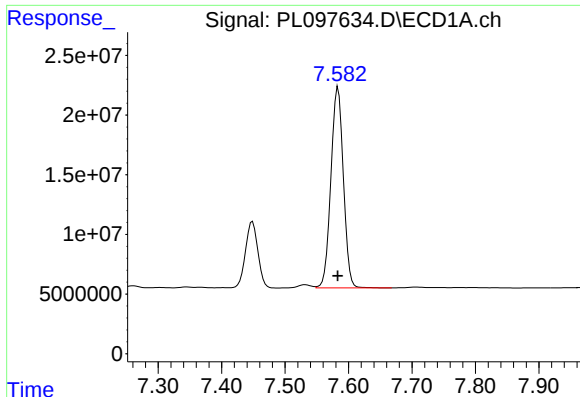
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 75158186
Conc: 35.98 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 127098751
Conc: 34.87 ng/ml



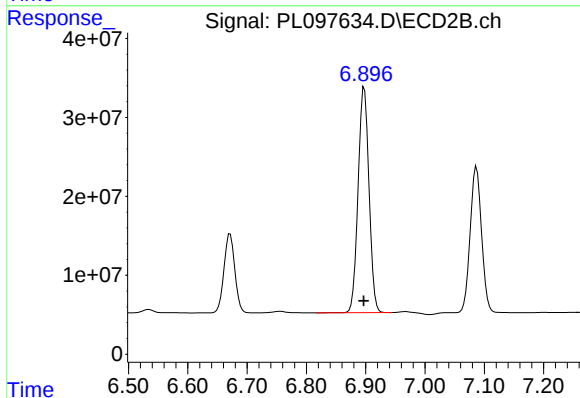
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: 0.000 min
Response: 229823353
Conc: 53.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

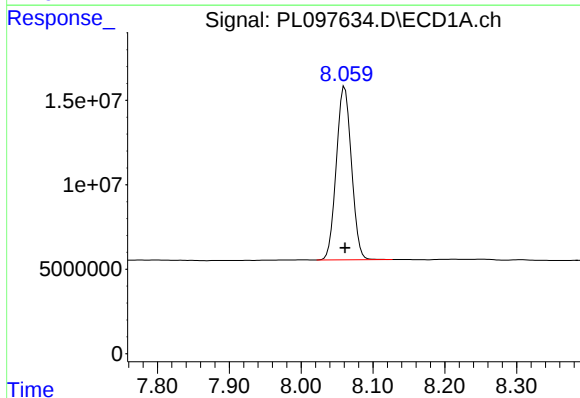
Manual Integrations
APPROVED

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



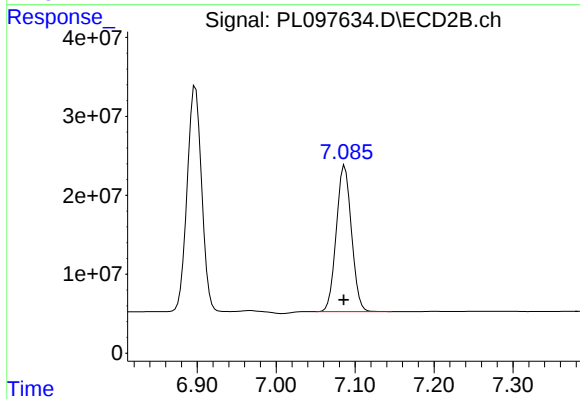
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: 0.001 min
Response: 364321108
Conc: 46.12 ng/ml



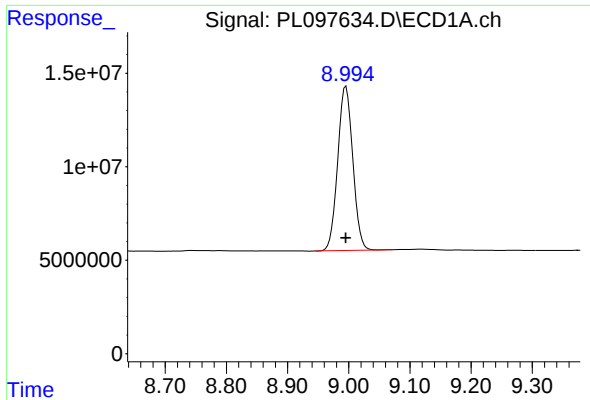
#22 Mirex

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 150231472
Conc: 48.35 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: 0.001 min
Response: 247116877
Conc: 46.19 ng/ml



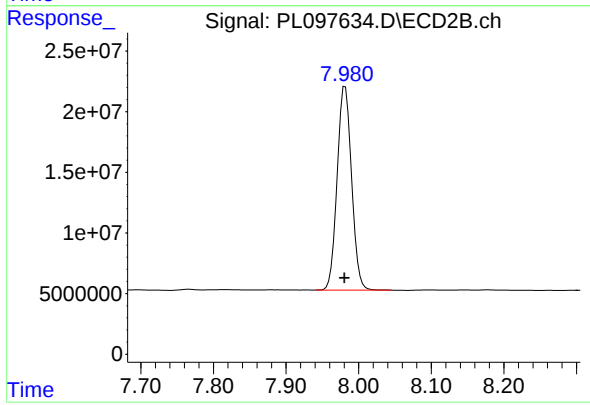
#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 150541265
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 10/15/2025



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: 0.001 min
Response: 232030197
Conc: 44.72 ng/ml