

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100325\
 Data File : PL097517.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2025 05:07
 Operator : AR\AJ
 Sample : Q3270-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SG-1-TEST-PITMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/06/2025
 Supervised By :mohammad ahmed 10/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 01:21:59 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...	3.524	2.823	66449312	96228123	14.678m	14.634
28)	SA Decachlor...	8.995	7.980	38849220	62921009	11.872	11.055
Target Compounds							
2)	A alpha-BHC	3.972	3.328	257.6E6	365.1E6	36.867	36.669
3)	MA gamma-BHC...	4.300	3.659	241.4E6	337.4E6	36.508	36.223
4)	MA Heptachlor	4.890	4.007	224.8E6	313.7E6	33.703	33.710
5)	MB Aldrin	5.229	4.289	228.7E6	314.2E6	36.113	36.200
6)	B beta-BHC	4.488	3.956	102.0E6	142.3E6	37.404	35.027
7)	B delta-BHC	4.731	4.188	230.6E6	329.7E6	37.996m	35.868
8)	B Heptachlo...	5.649	4.790	218.6E6	291.0E6	38.034	36.693
9)	A Endosulfan I	6.030	5.161	195.1E6	269.0E6	37.656	35.005
10)	B gamma-Chl...	5.902	5.042	218.4E6	314.8E6	38.622	36.048
11)	B alpha-Chl...	5.983	5.106	212.1E6	301.8E6	37.342	36.364
12)	B 4,4'-DDE	6.153	5.295	186.7E6	279.8E6	39.174	36.413
13)	MA Dieldrin	6.302	5.426	206.6E6	300.9E6	37.679	36.803
14)	MA Endrin	6.529	5.700	167.0E6	268.9E6	36.200	35.810
15)	B Endosulfa...	6.743	5.992	179.3E6	258.0E6	36.447	36.294
16)	A 4,4'-DDD	6.662	5.847	168.9E6	246.9E6	44.792	38.282
17)	MA 4,4'-DDT	6.976	6.099	133.5E6	198.1E6	31.579	28.626
18)	B Endrin al...	6.871	6.170	132.8E6	192.2E6	43.081	36.005
19)	B Endosulfa...	7.104	6.393	163.6E6	247.8E6	40.072	36.183
20)	A Methoxychlor	7.449	6.671	65954048	109.7E6	31.627	29.112
21)	B Endrin ke...	7.583	6.897	178.8E6	278.2E6	42.123	36.949
22)	Mirex	8.061	7.086	135.3E6	214.5E6	38.122	35.881

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100325\
Data File : PL097517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2025 05:07
Operator : AR\AJ
Sample : Q3270-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

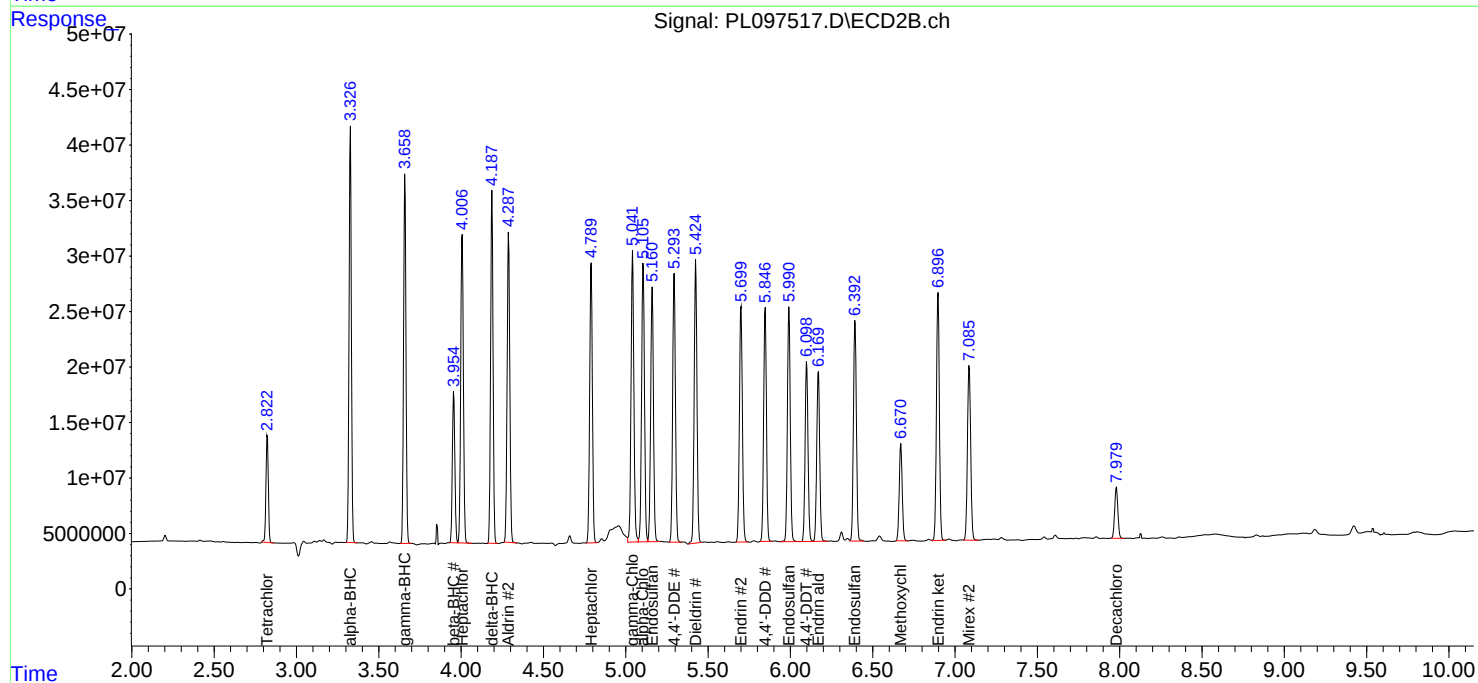
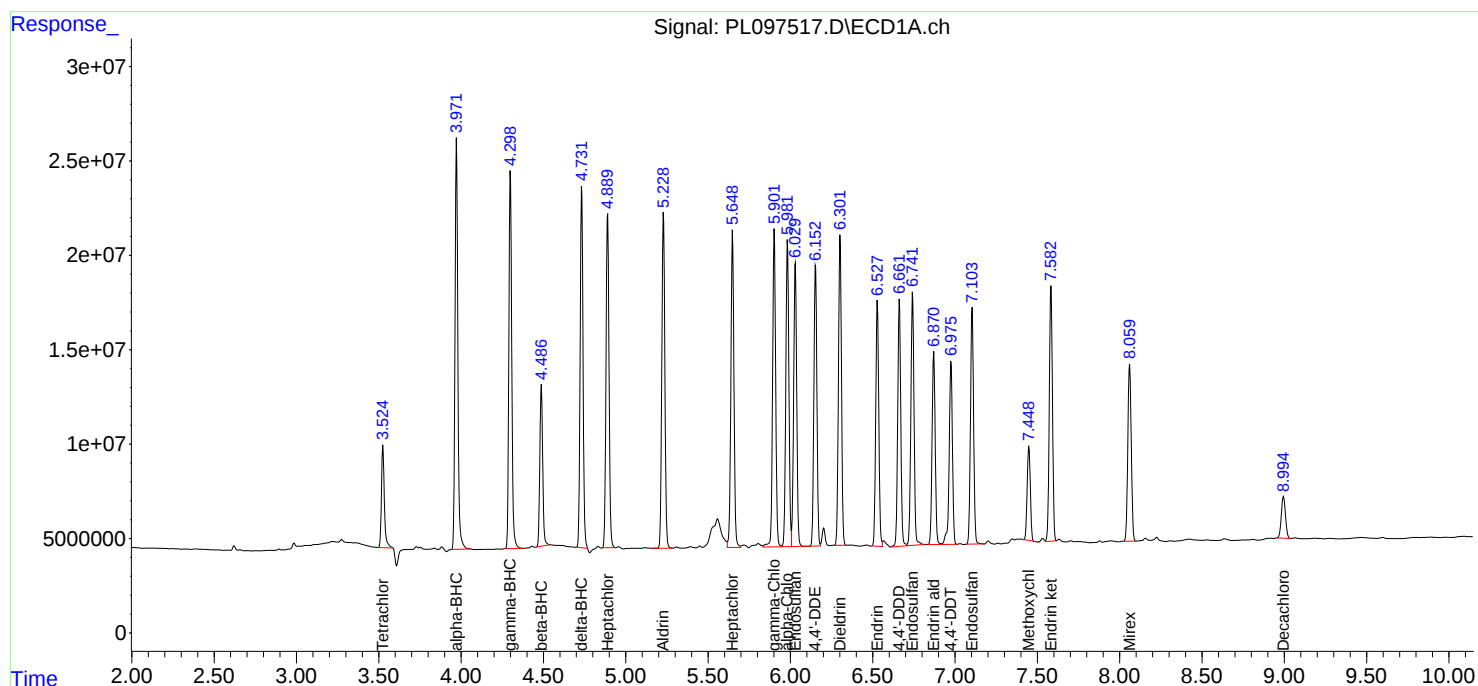
Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMSD

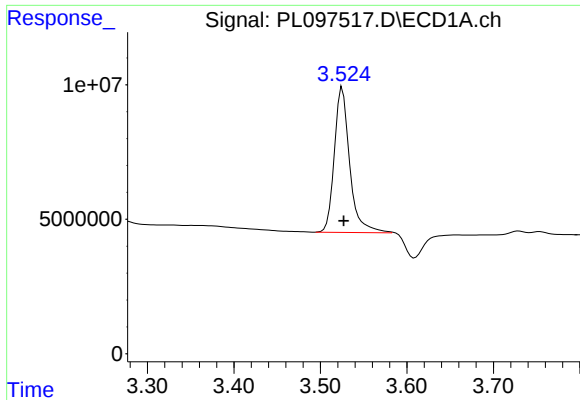
Manual Integrations
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Supervised By :mohammad ahmed 10/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 06 01:21:59 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





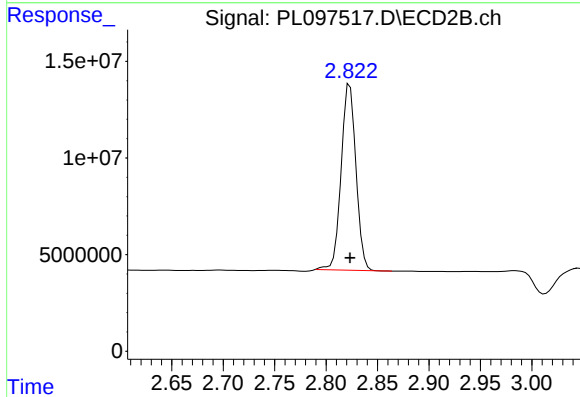
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: -0.003 min
Response: 66449312
Conc: 14.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMSD

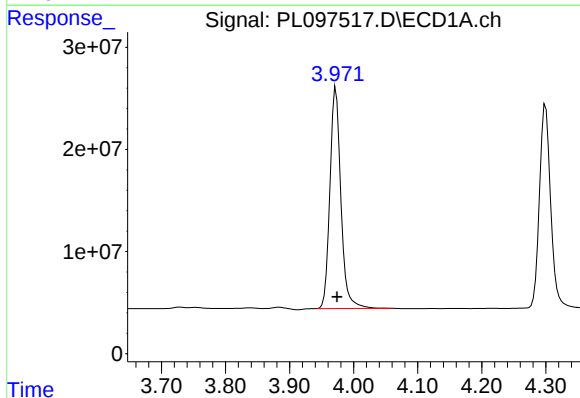
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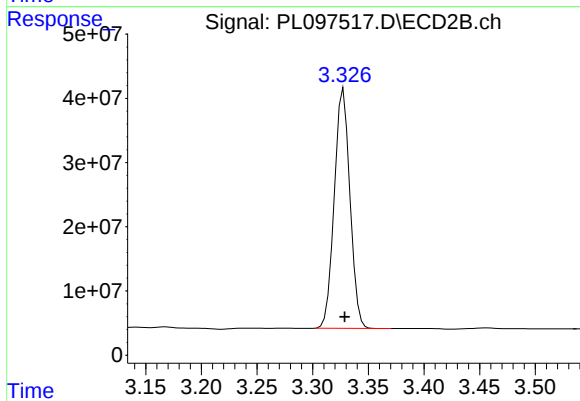
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 96228123
Conc: 14.63 ng/ml



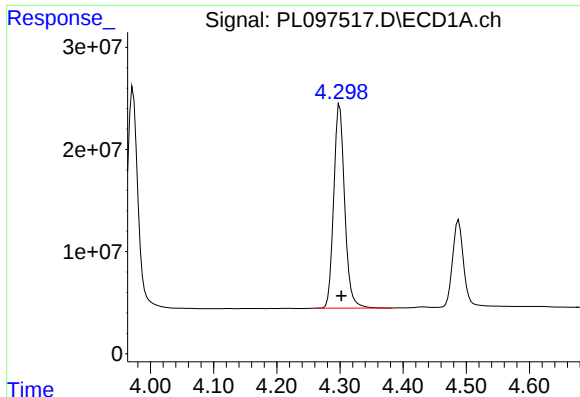
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 257609004
Conc: 36.87 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.001 min
Response: 365135603
Conc: 36.67 ng/ml



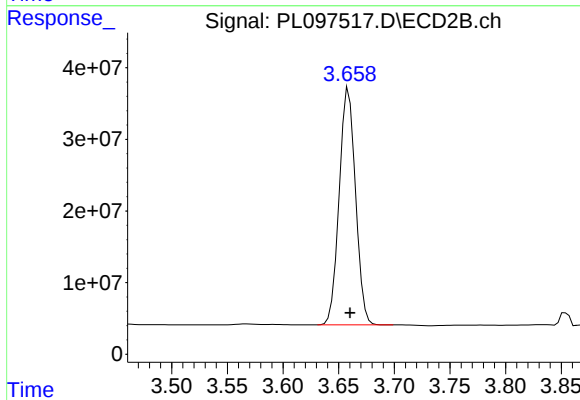
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 241435141
Conc: 36.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMSD

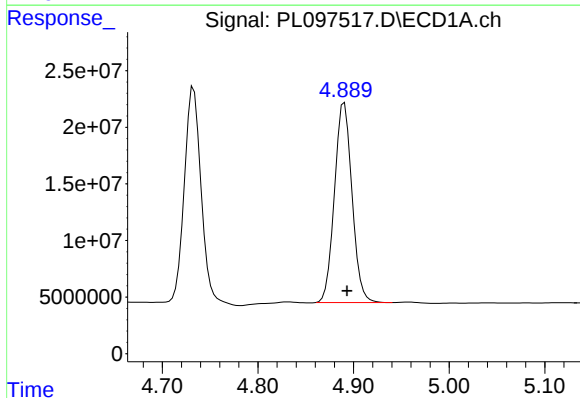
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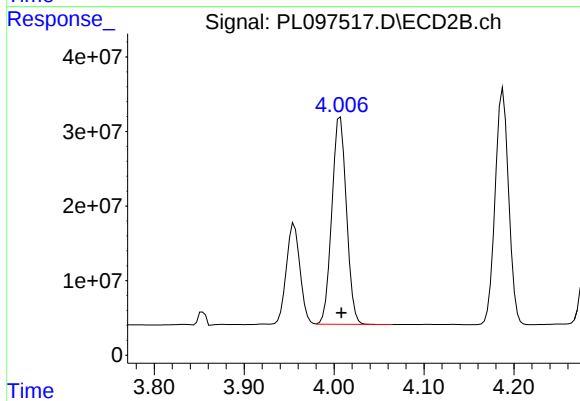
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 337402165
Conc: 36.22 ng/ml



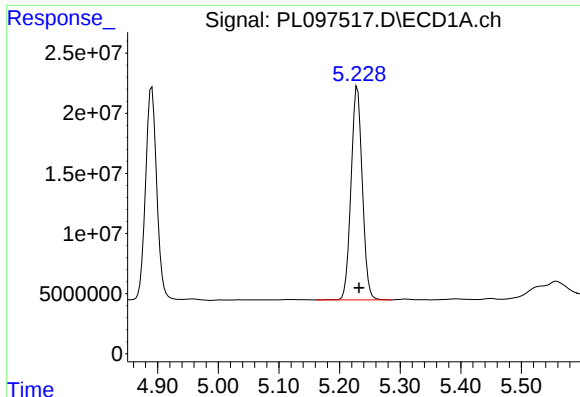
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 224801112
Conc: 33.70 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 313677978
Conc: 33.71 ng/ml



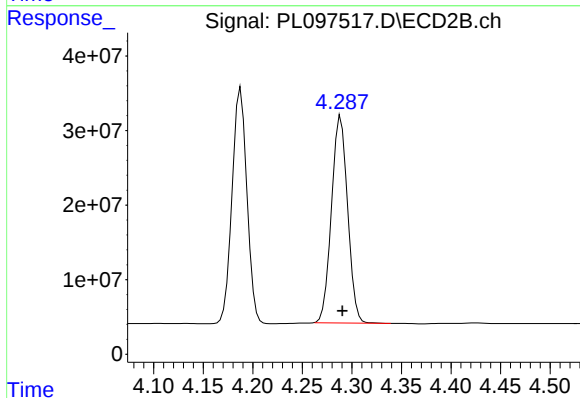
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 228734591
Conc: 36.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMSD

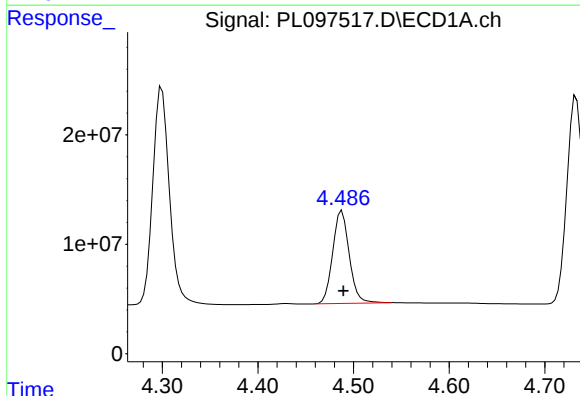
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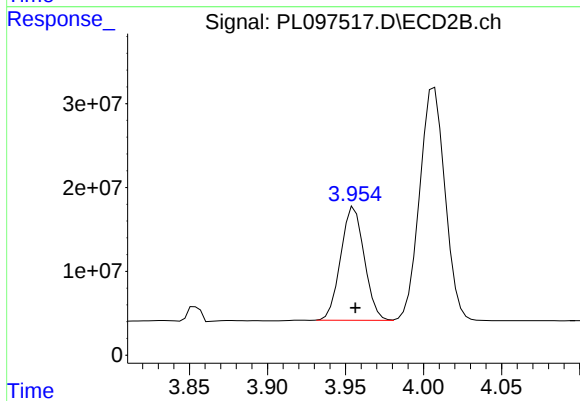
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 314193667
Conc: 36.20 ng/ml



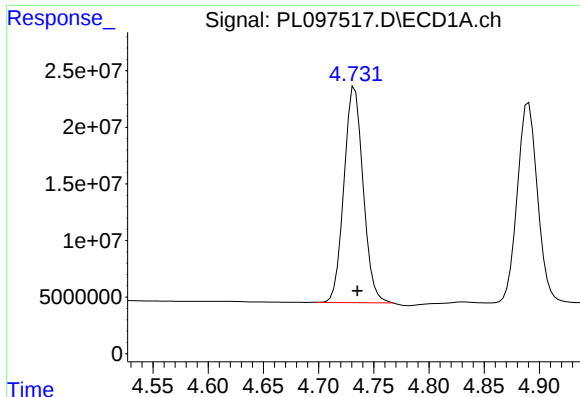
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 101969448
Conc: 37.40 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 142281493
Conc: 35.03 ng/ml



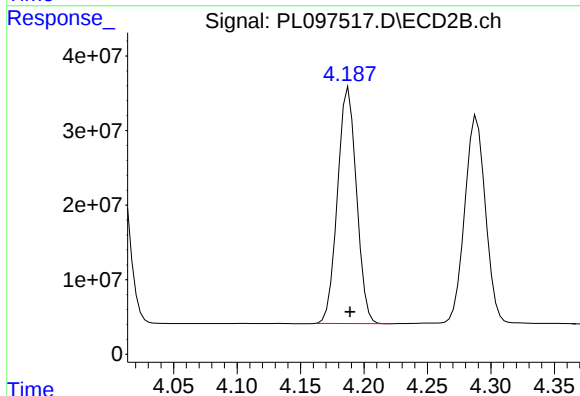
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 230571224
Conc: 38.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMSD

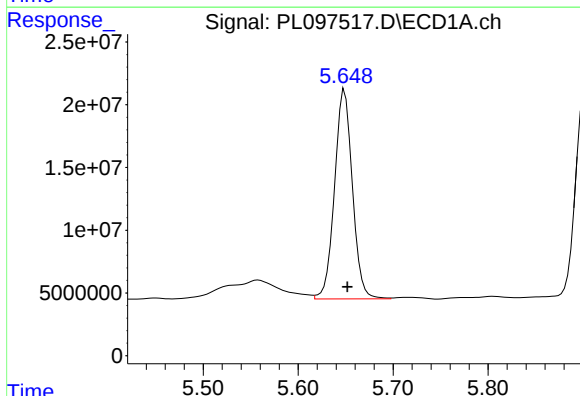
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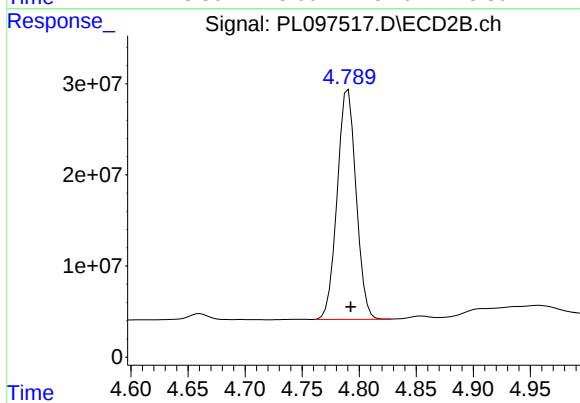
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 329703363
Conc: 35.87 ng/ml



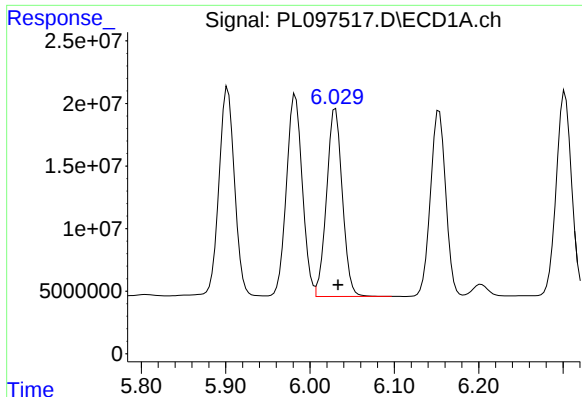
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 218579598
Conc: 38.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 291029870
Conc: 36.69 ng/ml



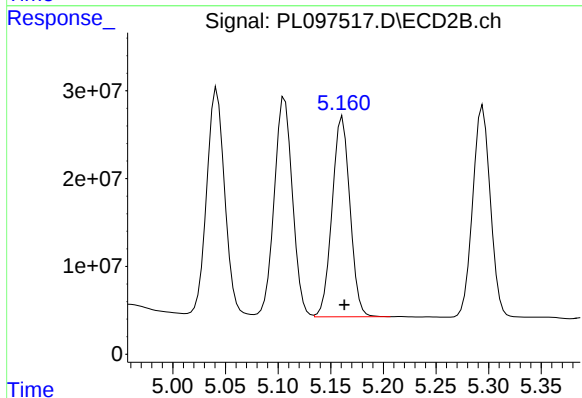
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 195109277
Conc: 37.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMSD

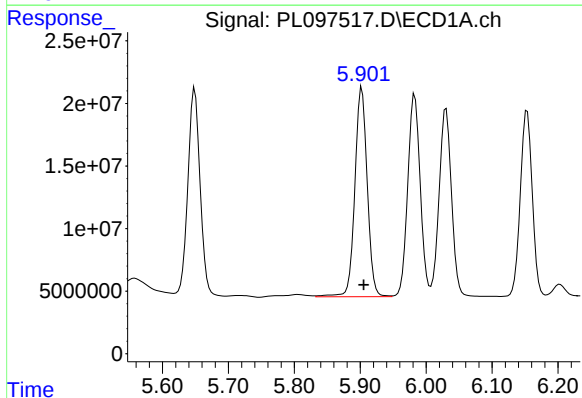
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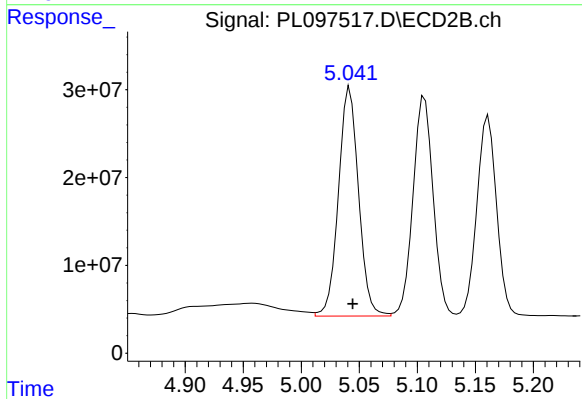
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 268966021
Conc: 35.01 ng/ml



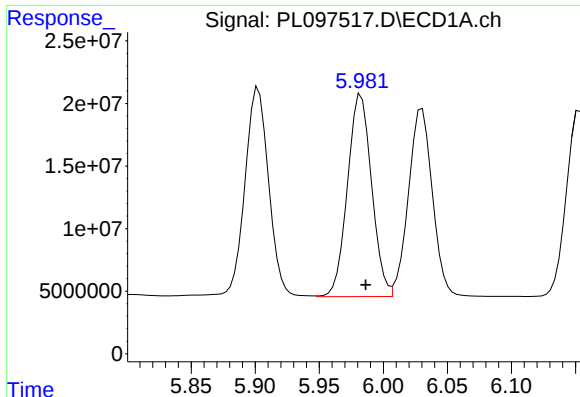
#10 gamma-Chlordane

R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 218352746
Conc: 38.62 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 314839170
Conc: 36.05 ng/ml



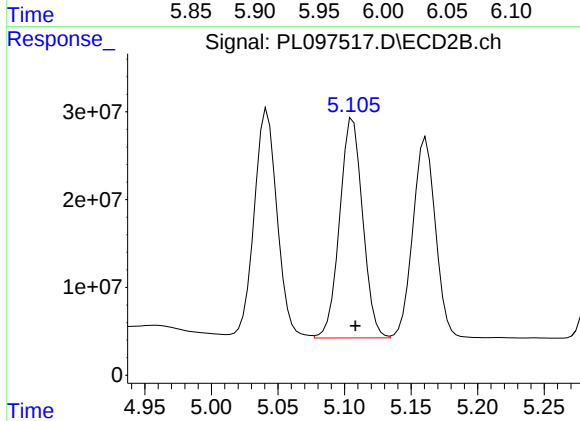
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: -0.004 min
Response: 212096498
Conc: 37.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMSD

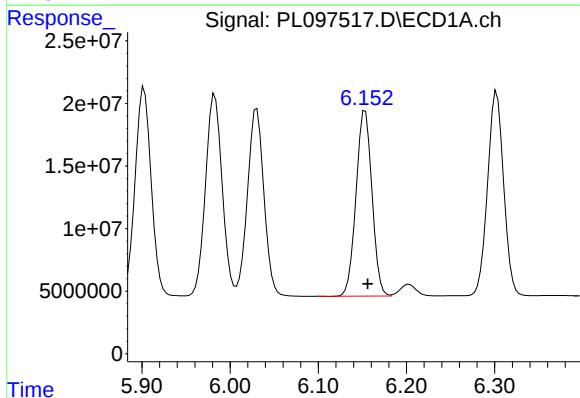
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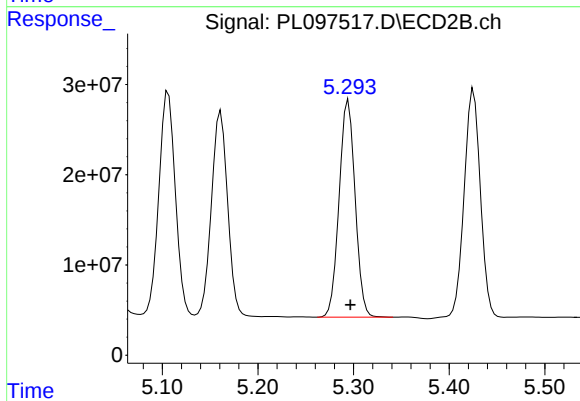
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 301842974
Conc: 36.36 ng/ml



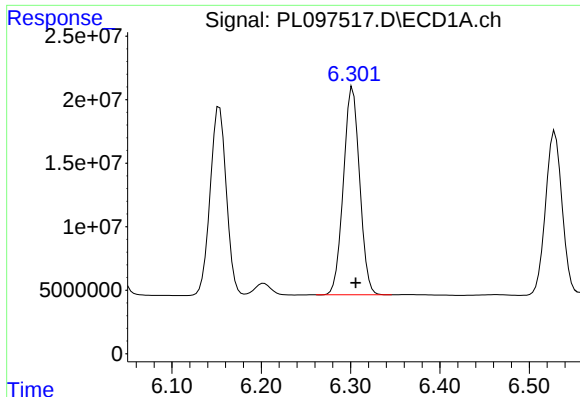
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 186650714
Conc: 39.17 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 279820165
Conc: 36.41 ng/ml



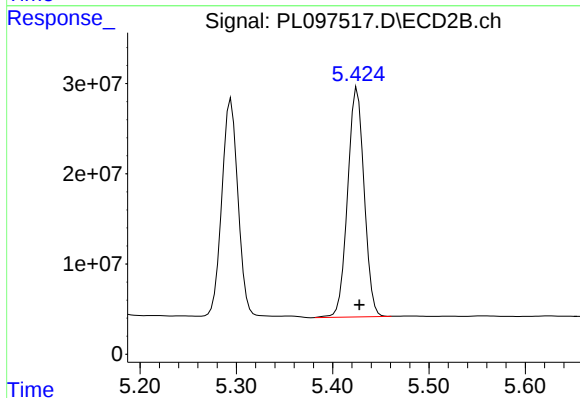
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: -0.003 min
Response: 206562385
Conc: 37.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMSD

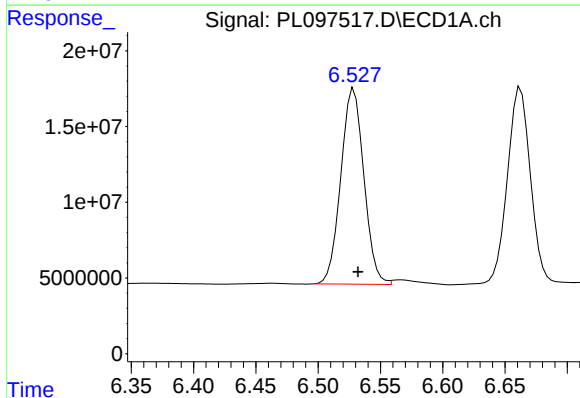
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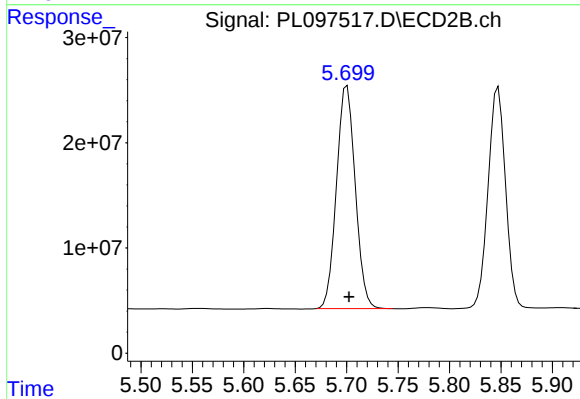
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 300930966
Conc: 36.80 ng/ml



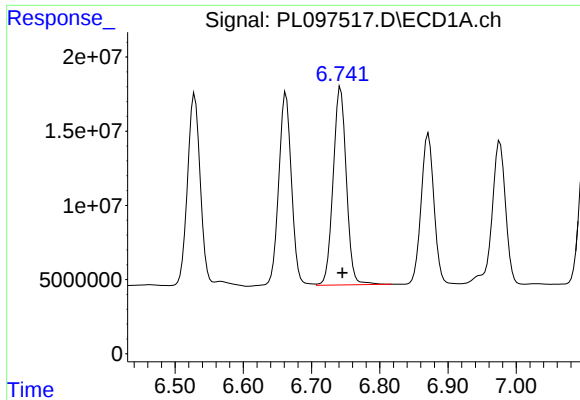
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 166995018
Conc: 36.20 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 268949910
Conc: 35.81 ng/ml



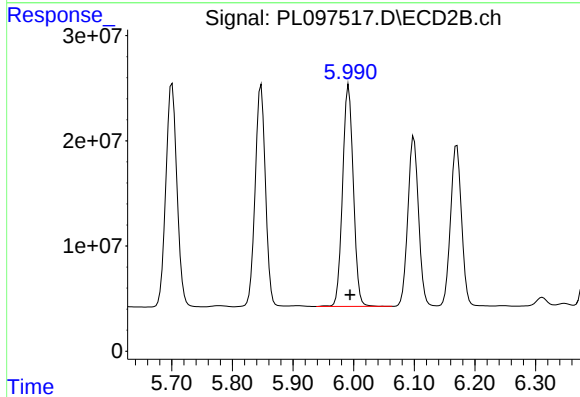
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 179258287
Conc: 36.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMSD

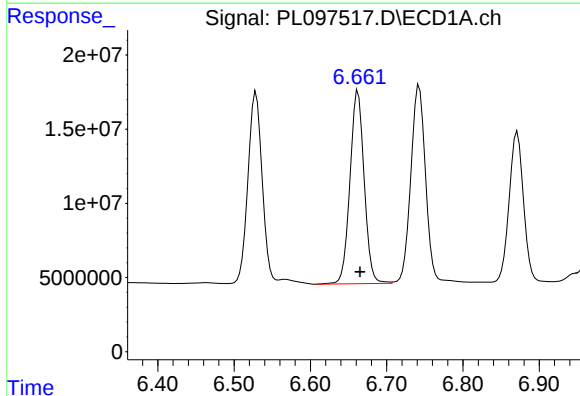
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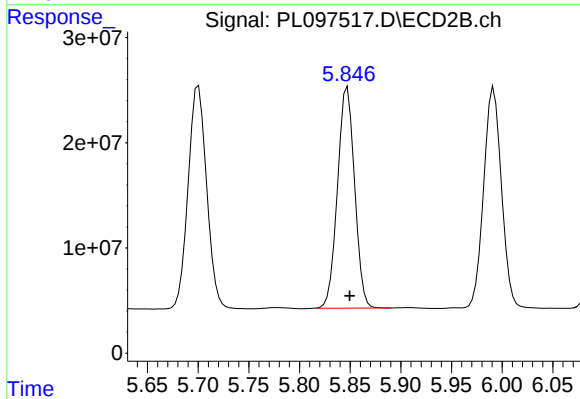
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.003 min
Response: 258025195
Conc: 36.29 ng/ml



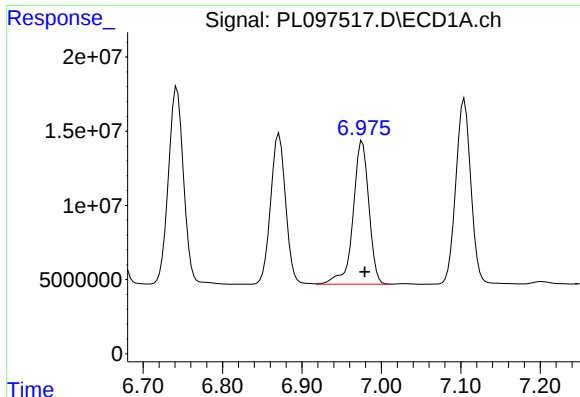
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: -0.002 min
Response: 168889727
Conc: 44.79 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.002 min
Response: 246882507
Conc: 38.28 ng/ml



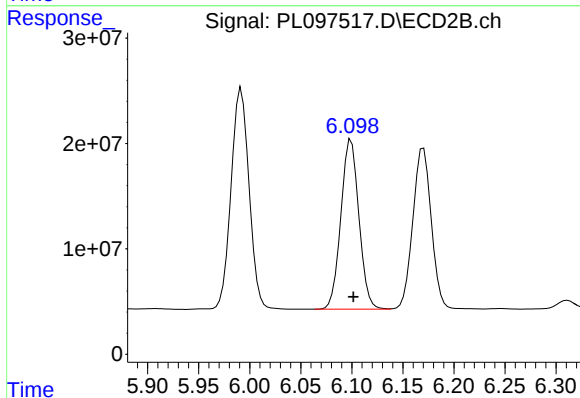
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 133492079
Conc: 31.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMSD

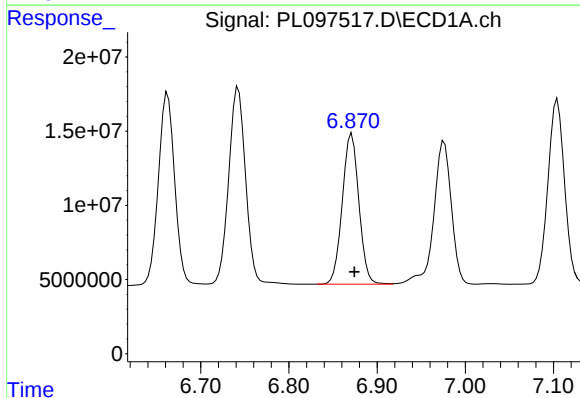
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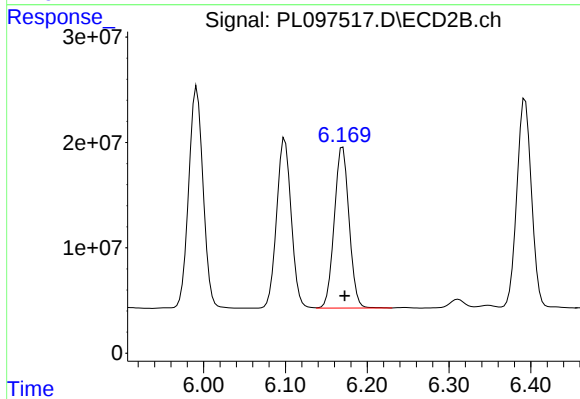
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 198109112
Conc: 28.63 ng/ml



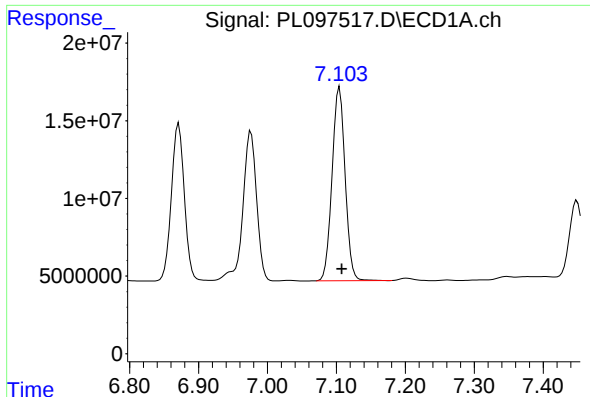
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: -0.003 min
Response: 132809837
Conc: 43.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 192171549
Conc: 36.00 ng/ml



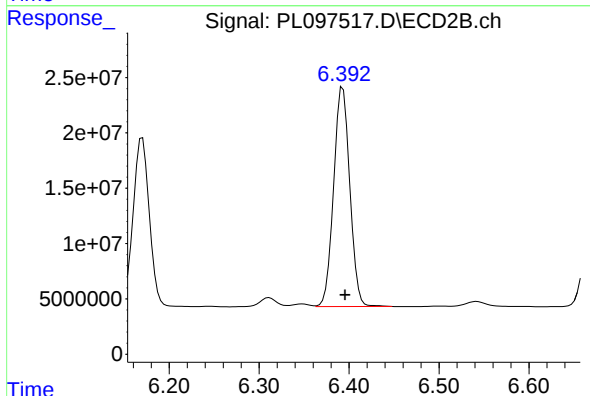
#19 Endosulfan Sulfate

R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 163602716
Conc: 40.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMSD

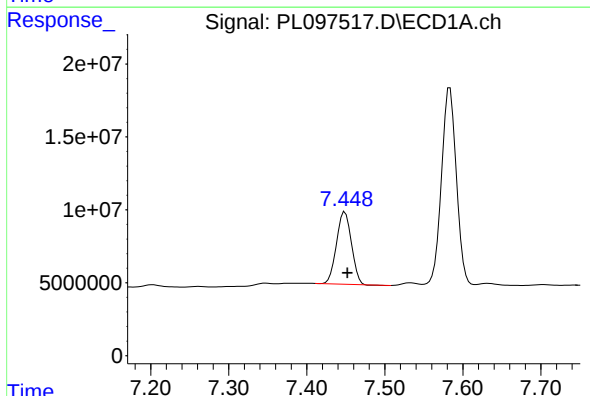
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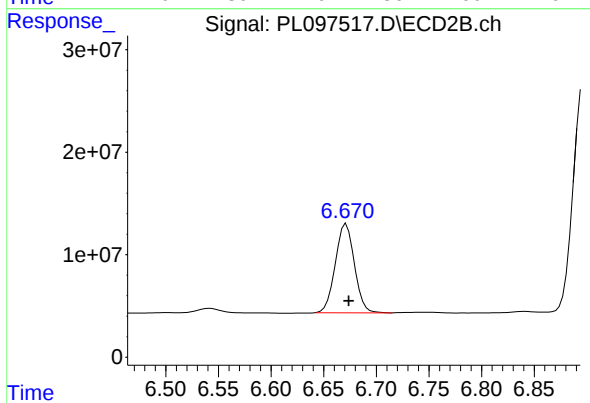
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 247846741
Conc: 36.18 ng/ml



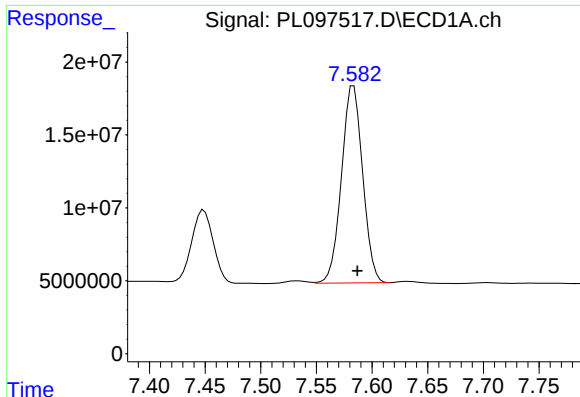
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: -0.003 min
Response: 65954048
Conc: 31.63 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 109735644
Conc: 29.11 ng/ml



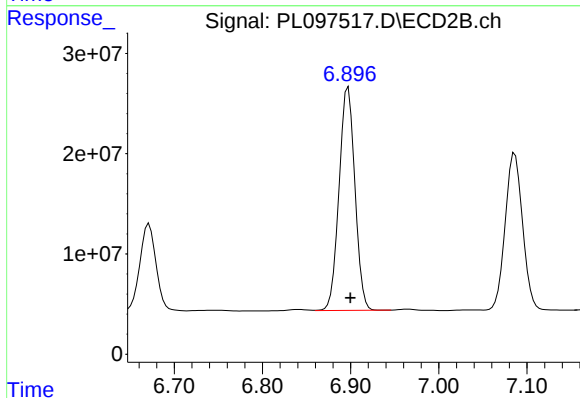
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: -0.004 min
Response: 178785420
Conc: 42.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMSD

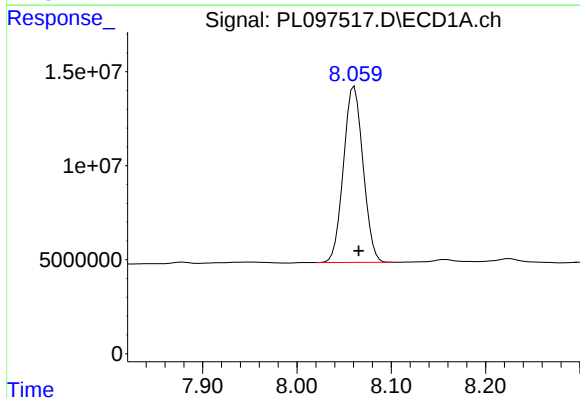
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



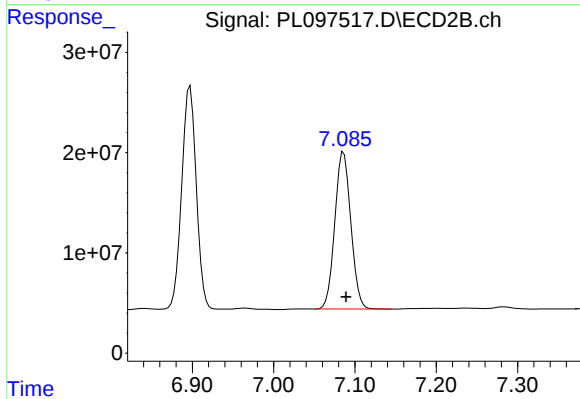
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.002 min
Response: 278235314
Conc: 36.95 ng/ml



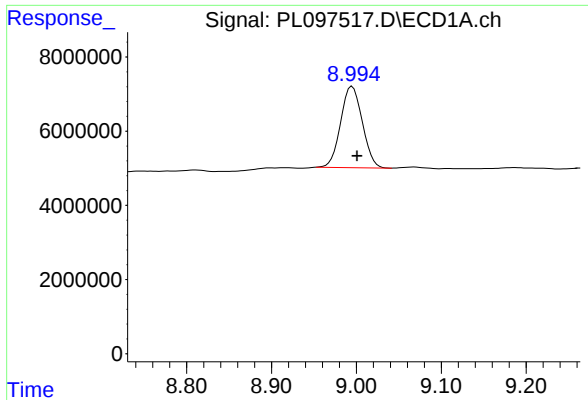
#22 Mirex

R.T.: 8.061 min
Delta R.T.: -0.005 min
Response: 135345721
Conc: 38.12 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 214520791
Conc: 35.88 ng/ml



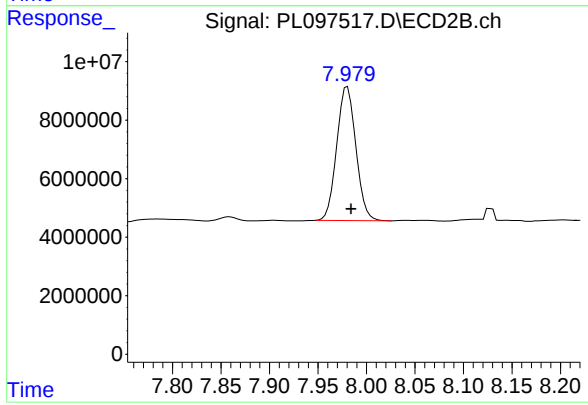
#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: -0.006 min
Response: 38849220
Conc: 11.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: -0.004 min
Response: 62921009
Conc: 11.06 ng/ml