

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102425\
 Data File : PD090818.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2025 13:18
 Operator : AR\AJ
 Sample : Q3439-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-10MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/27/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 23:37:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.874	60939220	613.1E6	19.568m	20.591
28)	SA Decachlor...	9.063	8.059	87200442	469.6E6	18.641	15.503
Target Compounds							
2)	A alpha-BHC	3.993	3.385	385.0E6	2625.3E6	53.643	51.379
3)	MA gamma-BHC...	4.324	3.721	355.4E6	2379.6E6	52.275	50.362
4)	MA Heptachlor	4.922	4.073	334.4E6	2271.3E6	59.830	50.922
5)	MB Aldrin	5.263	4.359	334.0E6	2295.7E6	51.013	49.563
6)	B beta-BHC	4.511	4.017	134.4E6	986.7E6	51.288	49.758
7)	B delta-BHC	4.759	4.254	361.5E6	2356.4E6	53.461	49.384
8)	B Heptachlo...	5.683	4.863	299.1E6	2092.9E6	51.662	49.083
9)	A Endosulfan I	6.067	5.237	273.7E6	1858.4E6	49.435	47.179
10)	B gamma-Chl...	5.939	5.115	282.7E6	2140.8E6	47.659	47.628
11)	B alpha-Chl...	6.019	5.180	303.6E6	2047.2E6	49.122	47.458
12)	B 4,4'-DDE	6.189	5.364	256.7E6	2048.7E6	48.190	46.732
13)	MA Dieldrin	6.340	5.502	285.1E6	2073.7E6	48.892	46.934
14)	MA Endrin	6.567	5.779	237.0E6	1809.9E6	47.847	44.696
15)	B Endosulfa...	6.779	6.070	236.9E6	1718.0E6	47.385	45.746
16)	A 4,4'-DDD	6.699	5.919	204.3E6	1592.1E6	50.401	43.694
17)	MA 4,4'-DDT	7.014	6.172	188.1E6	1552.8E6	45.762	44.273
18)	B Endrin al...	6.908	6.248	176.8E6	1235.7E6	48.262	44.621
19)	B Endosulfa...	7.143	6.472	217.9E6	1584.3E6	46.971	44.199
20)	A Methoxychlor	7.487	6.742	95468310	727.4E6	44.914	41.740
21)	B Endrin ke...	7.624	6.981	231.0E6	1595.0E6	47.533	42.287
22)	Mirex	8.106	7.174	142.9E6	1029.7E6	44.638	40.080

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102425\
Data File : PD090818.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 13:18
Operator : AR\AJ
Sample : Q3439-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

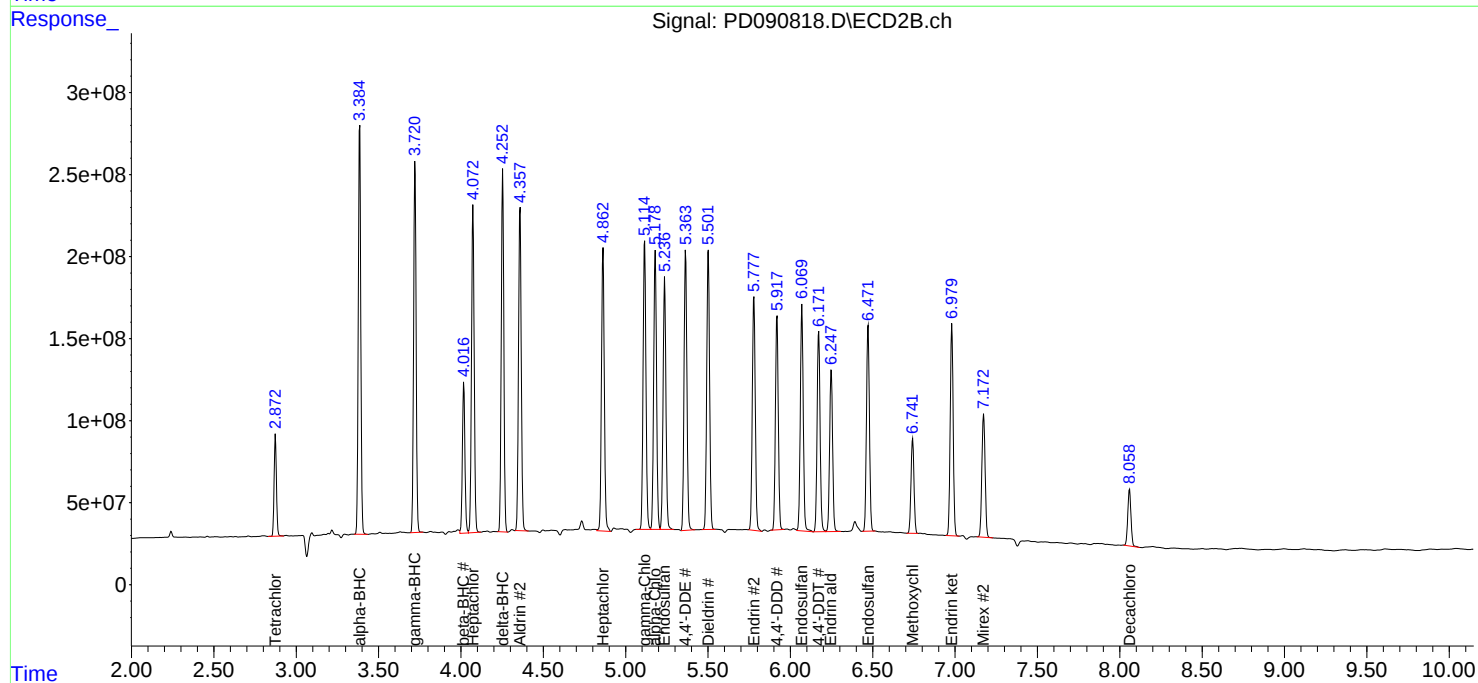
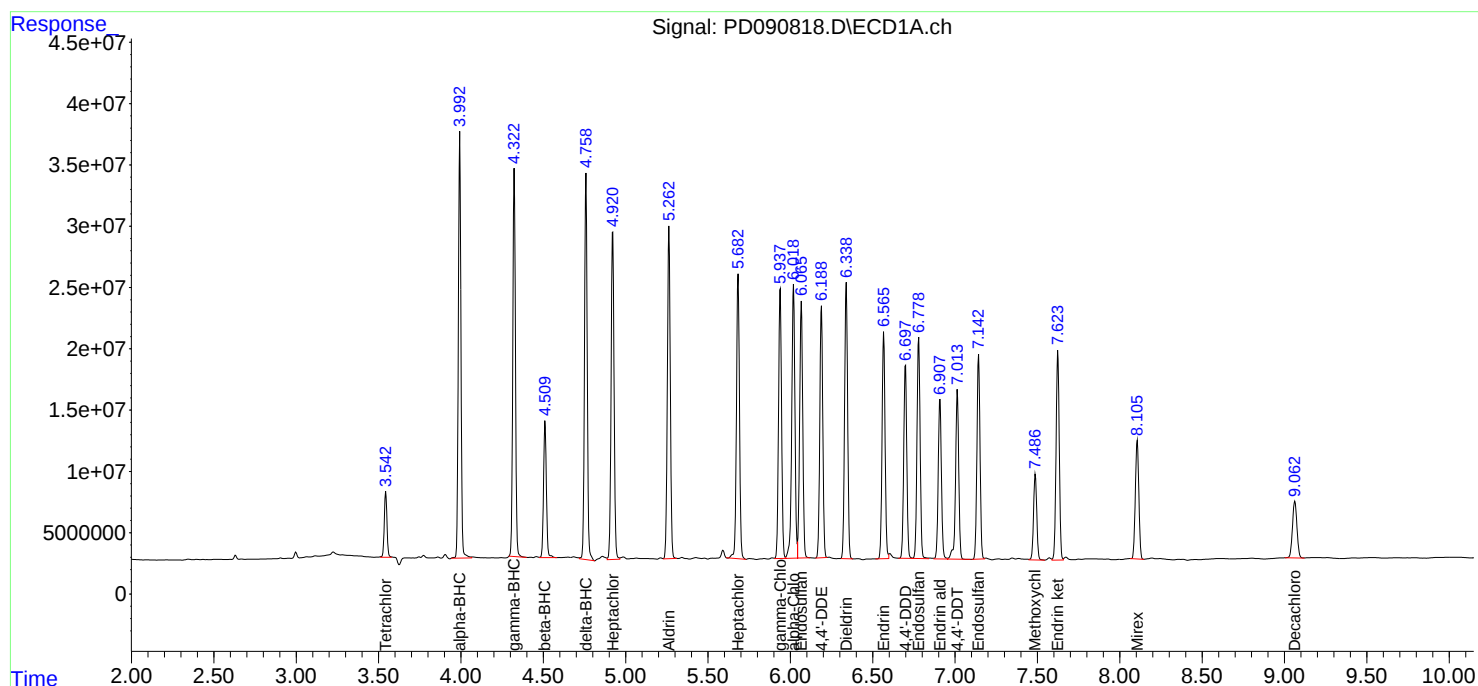
Instrument :
ECD_D
ClientSampleId :
TP-10MS

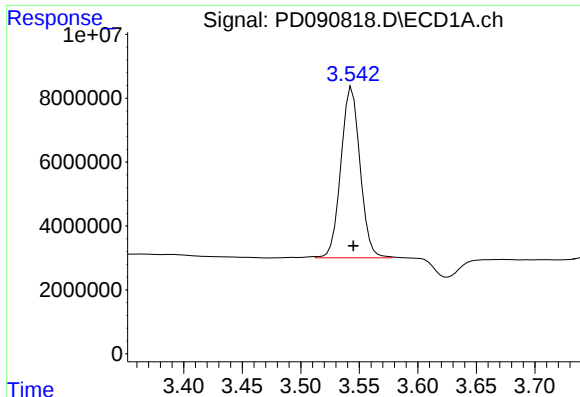
Manual Integrations
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Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 23:37:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm





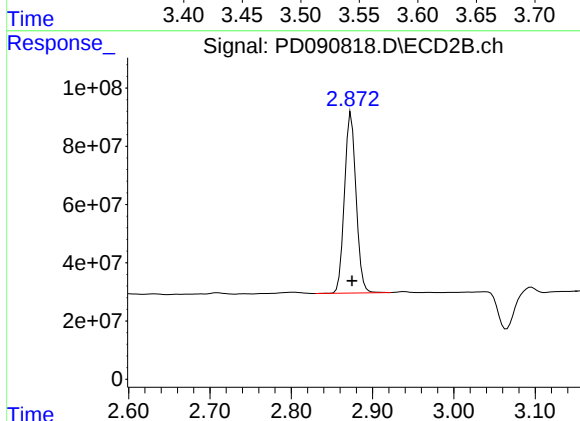
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.003 min
Response: 60939220
Conc: 19.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-10MS

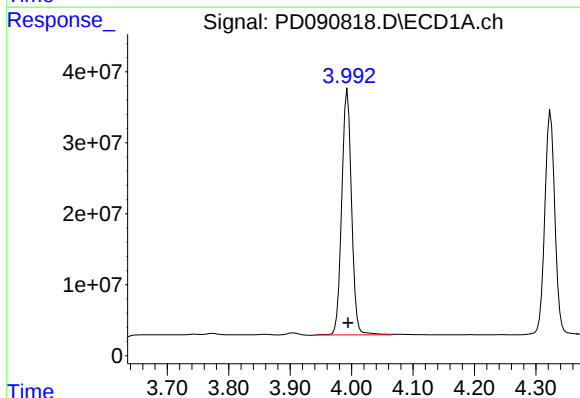
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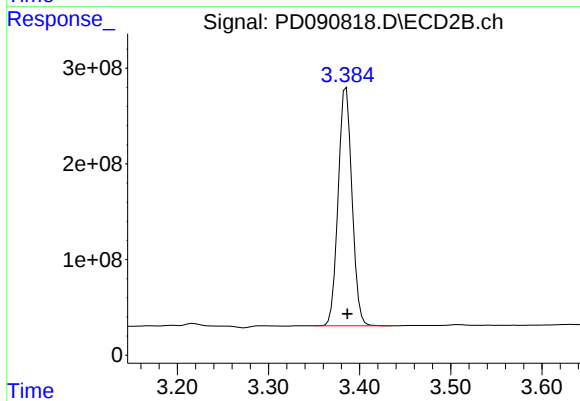
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 613143529
Conc: 20.59 ng/ml



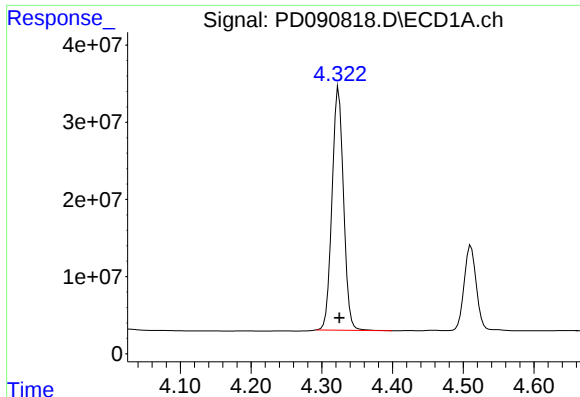
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 385000800
Conc: 53.64 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2625274561
Conc: 51.38 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 355408414
Conc: 52.27 ng/ml

Instrument :

ECD_D

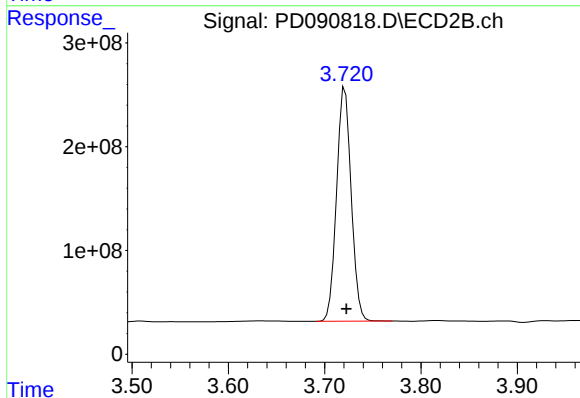
ClientSampleId :

TP-10MS

Manual Integrations

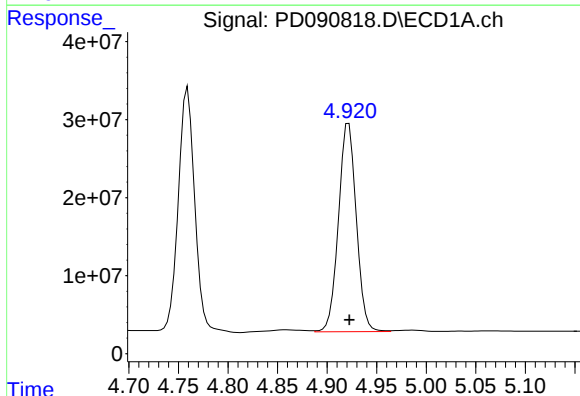
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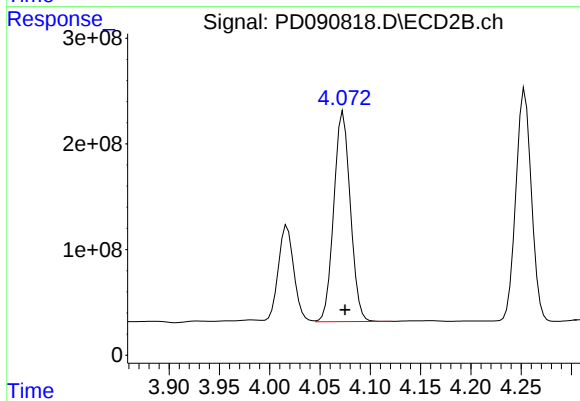
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 2379565341
Conc: 50.36 ng/ml



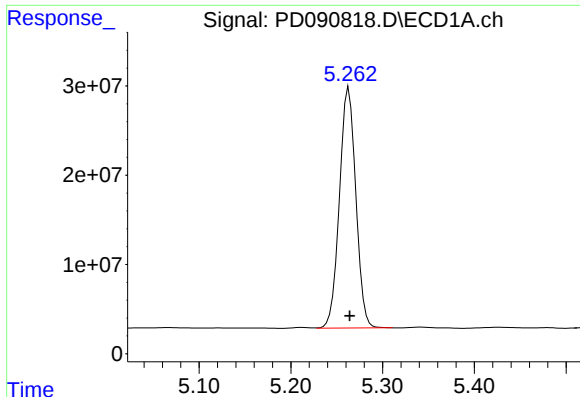
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 334422065
Conc: 59.83 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2271284326
Conc: 50.92 ng/ml



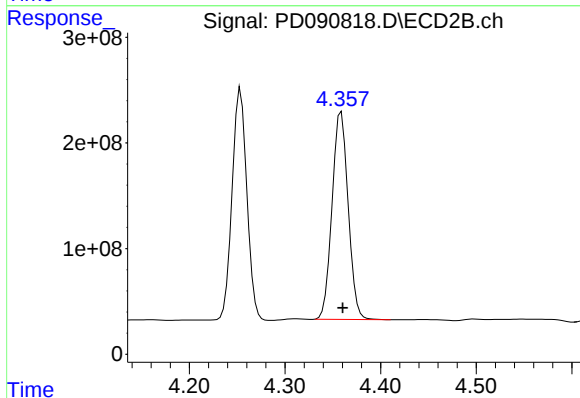
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 333998628
Conc: 51.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-10MS

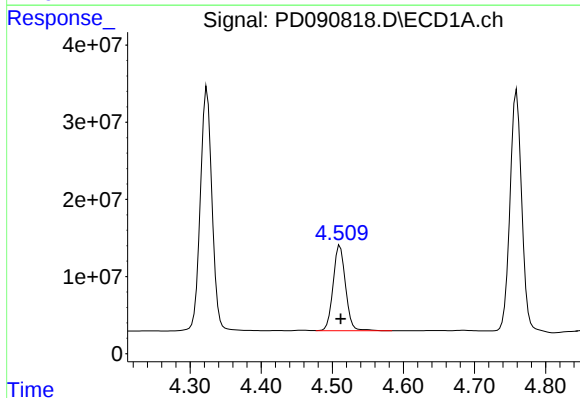
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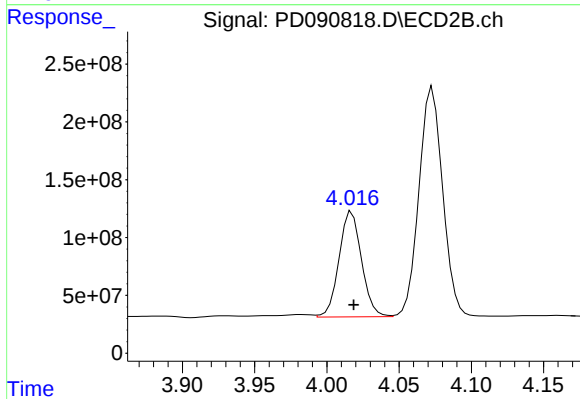
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2295725027
Conc: 49.56 ng/ml



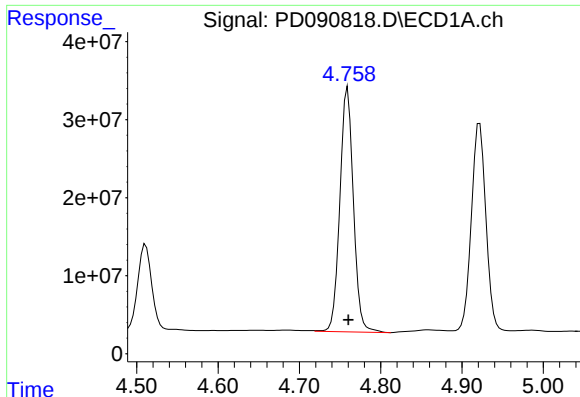
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 134355770
Conc: 51.29 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 986678195
Conc: 49.76 ng/ml



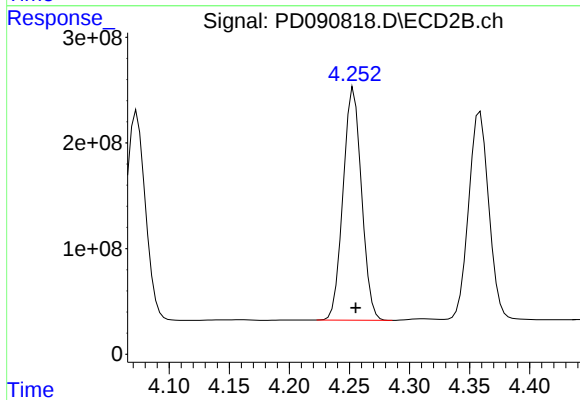
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 361487916
Conc: 53.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-10MS

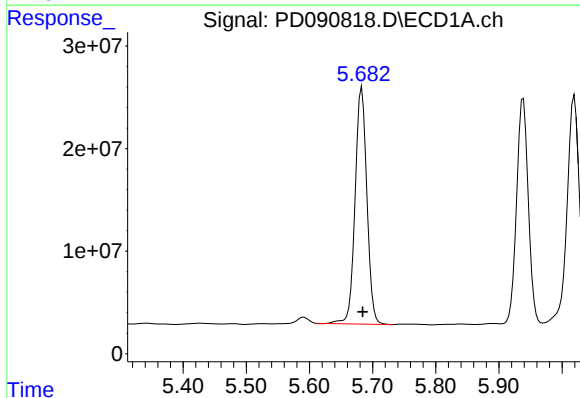
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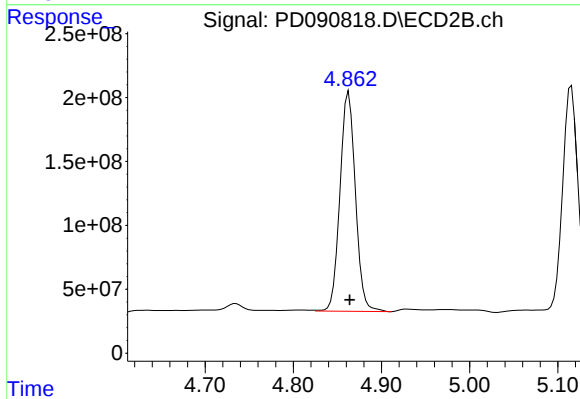
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 2356417487
Conc: 49.38 ng/ml



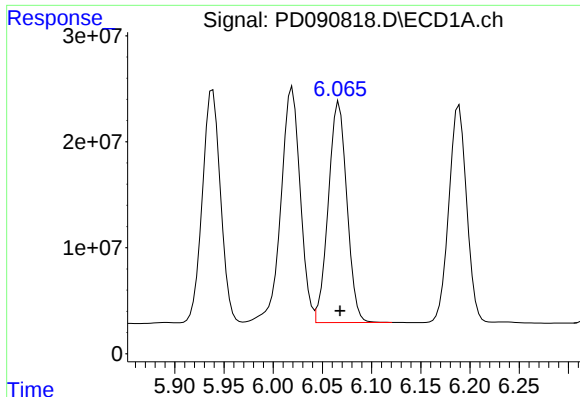
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.001 min
Response: 299075353
Conc: 51.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 2092850381
Conc: 49.08 ng/ml



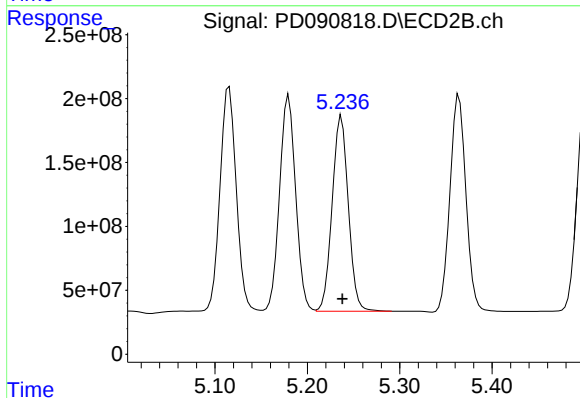
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 273701681
Conc: 49.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-10MS

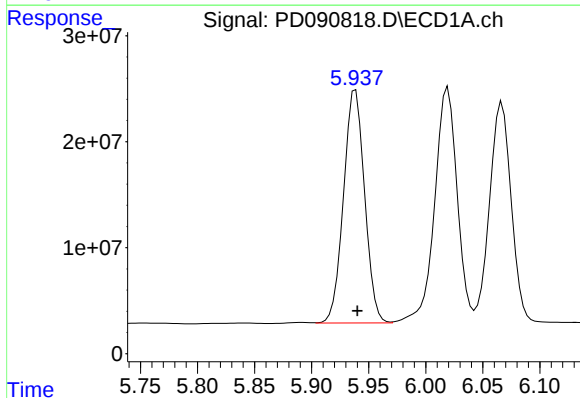
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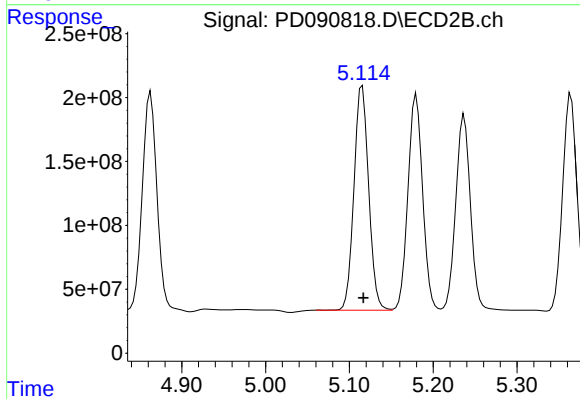
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1858407352
Conc: 47.18 ng/ml



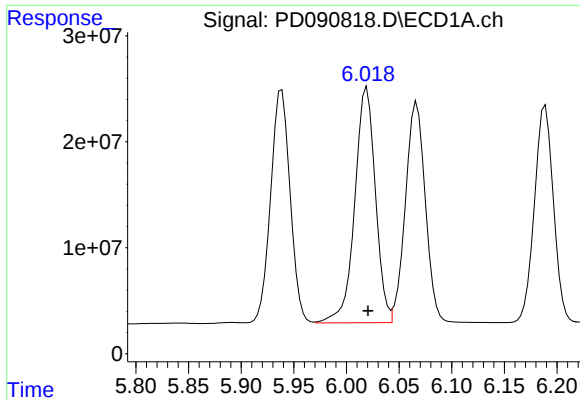
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 282676446
Conc: 47.66 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 2140825409
Conc: 47.63 ng/ml



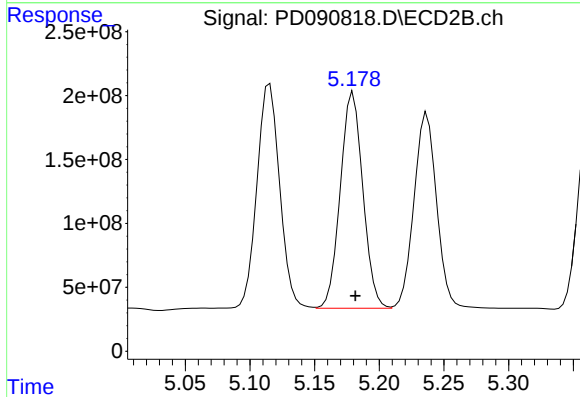
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 303586253
Conc: 49.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-10MS

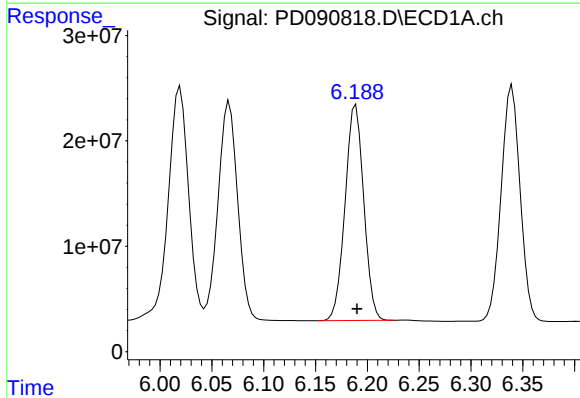
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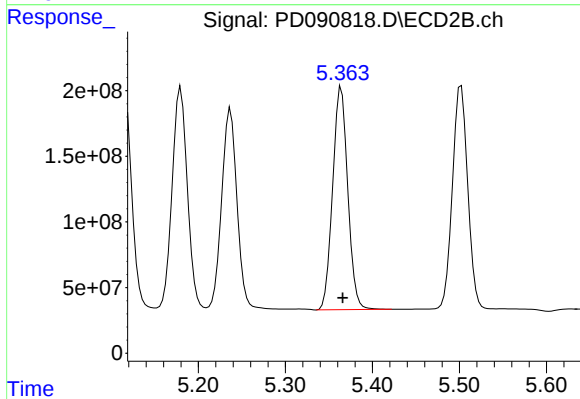
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 2047210013
Conc: 47.46 ng/ml



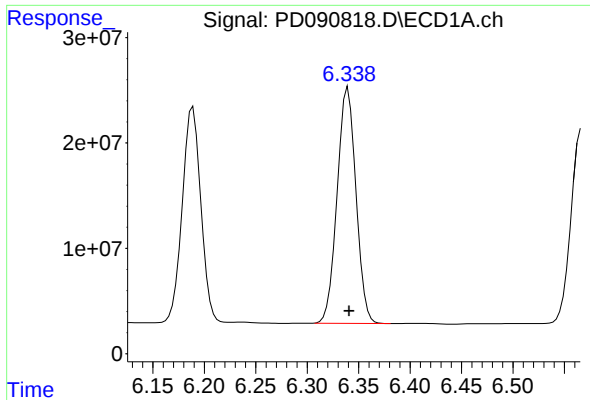
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 256690077
Conc: 48.19 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2048667641
Conc: 46.73 ng/ml



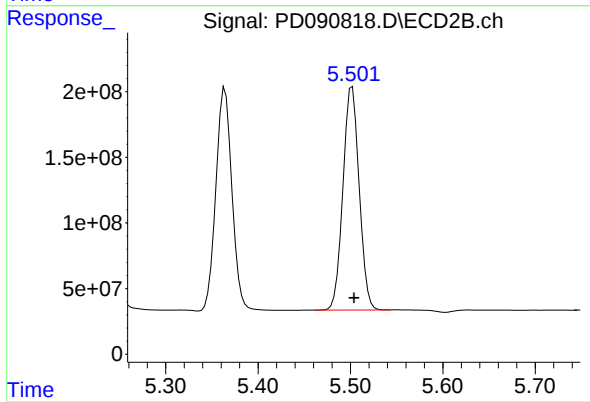
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 285108890
Conc: 48.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-10MS

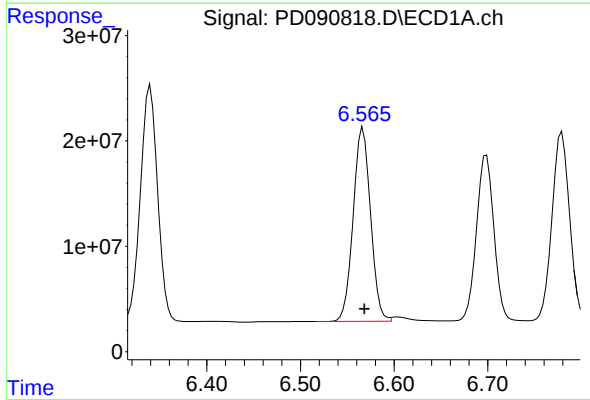
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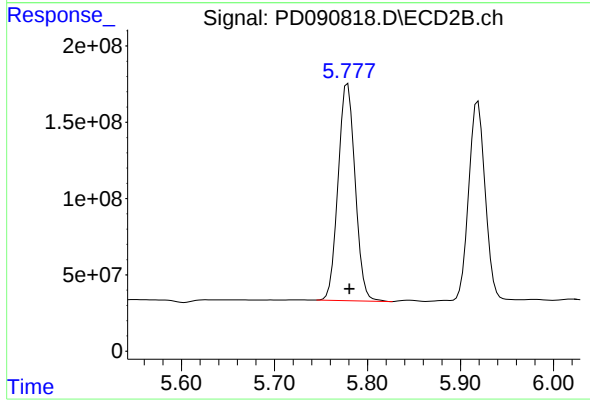
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 2073720662
Conc: 46.93 ng/ml



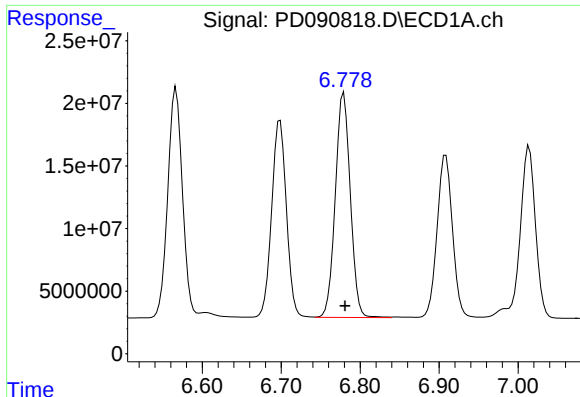
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 237020986
Conc: 47.85 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 1809924532
Conc: 44.70 ng/ml



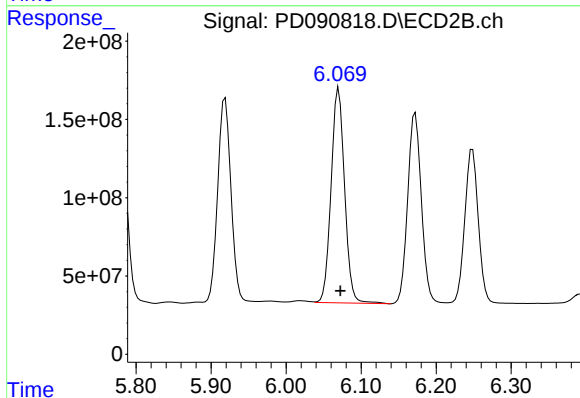
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 236922836
Conc: 47.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-10MS

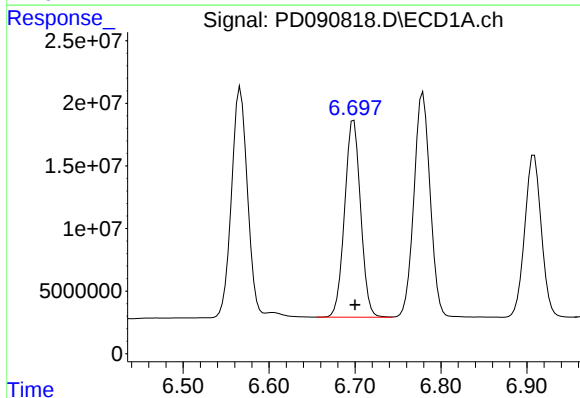
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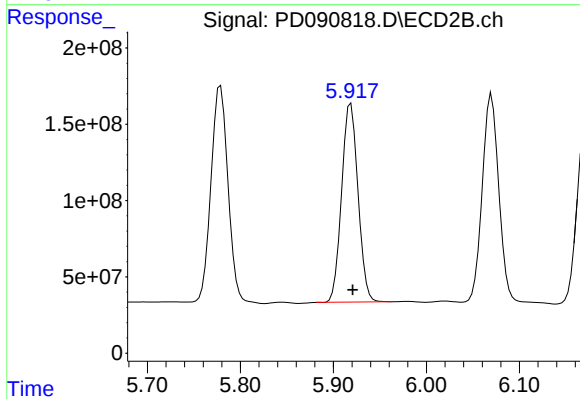
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 1718029983
Conc: 45.75 ng/ml



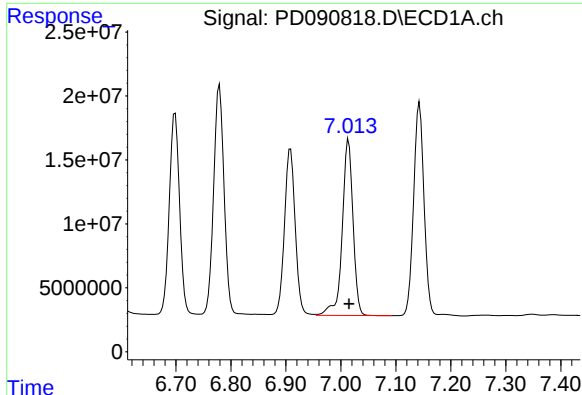
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.002 min
Response: 204338154
Conc: 50.40 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1592138911
Conc: 43.69 ng/ml



#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 188104492
Conc: 45.76 ng/ml

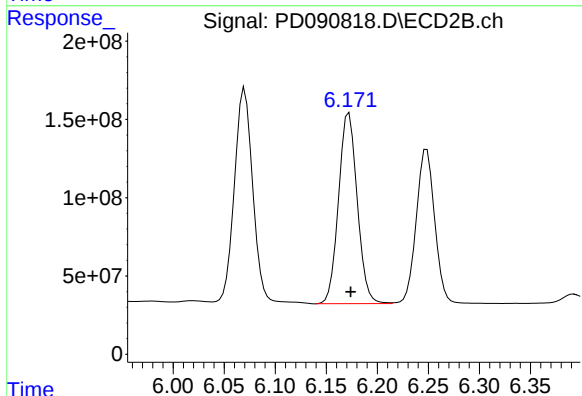
Instrument :

ECD_D

ClientSampleId :
TP-10MS

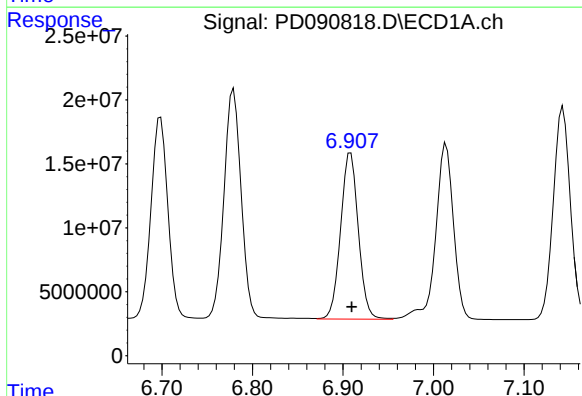
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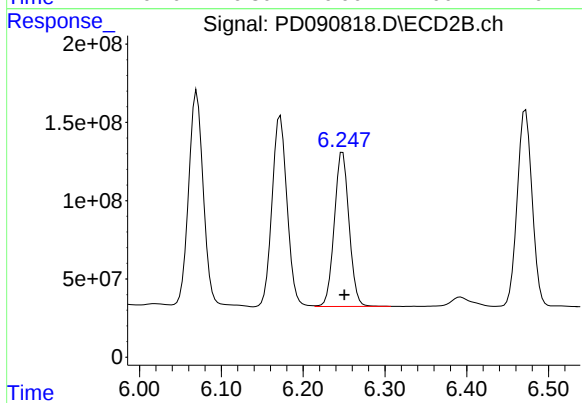
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1552794707
Conc: 44.27 ng/ml



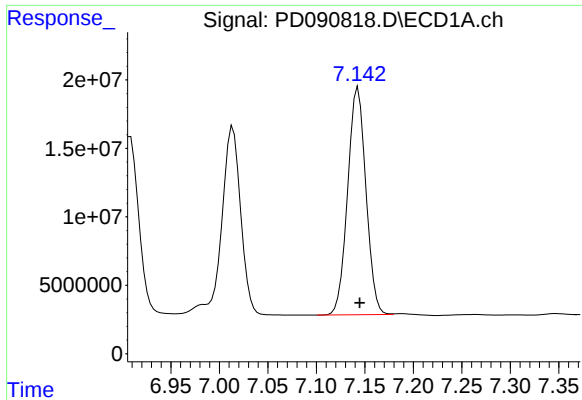
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.001 min
Response: 176769267
Conc: 48.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1235671313
Conc: 44.62 ng/ml



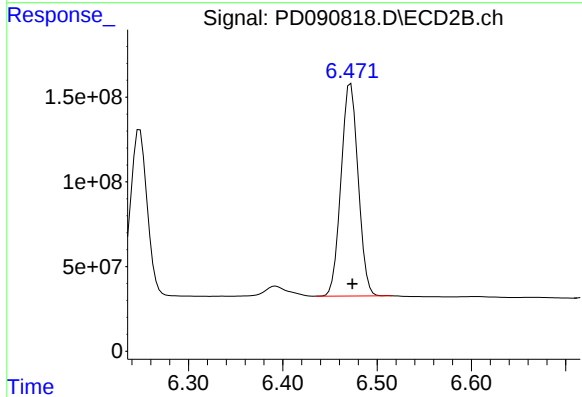
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 217861238
Conc: 46.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-10MS

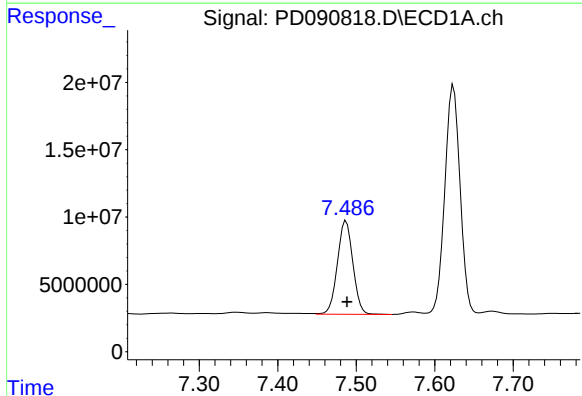
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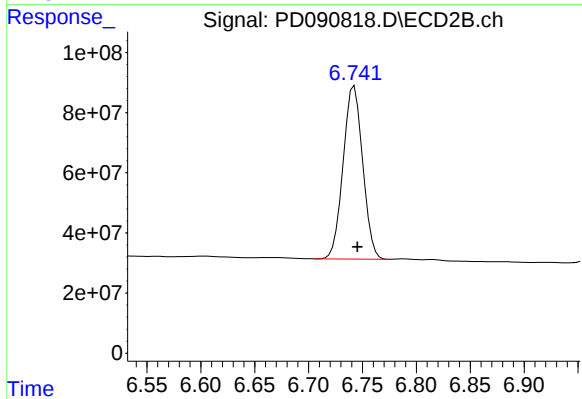
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1584322882
Conc: 44.20 ng/ml



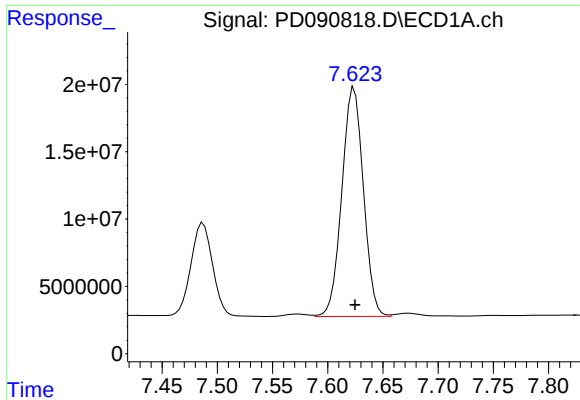
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.001 min
Response: 95468310
Conc: 44.91 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 727435041
Conc: 41.74 ng/ml



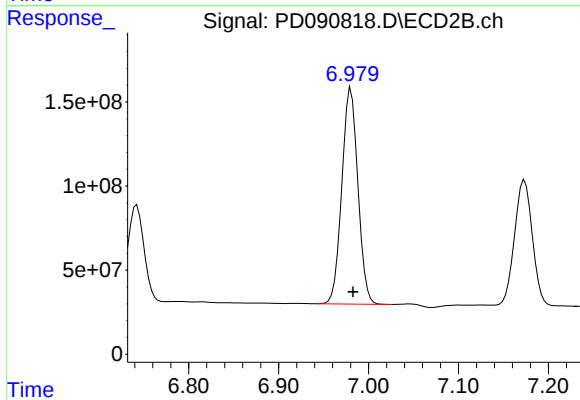
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 230955022
Conc: 47.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-10MS

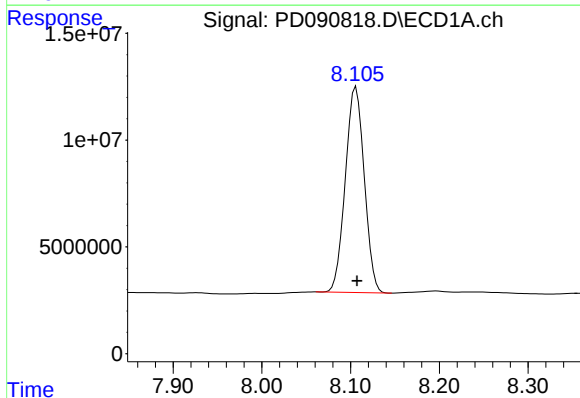
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



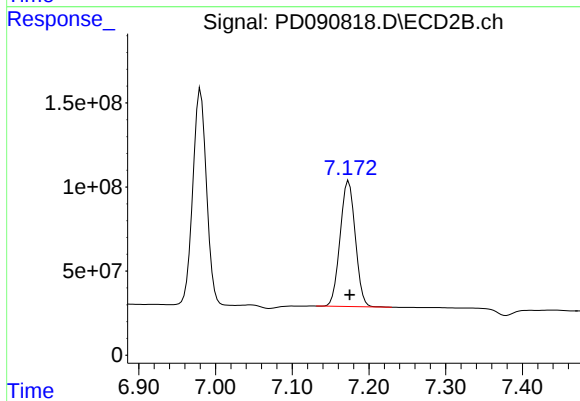
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 1594964556
Conc: 42.29 ng/ml



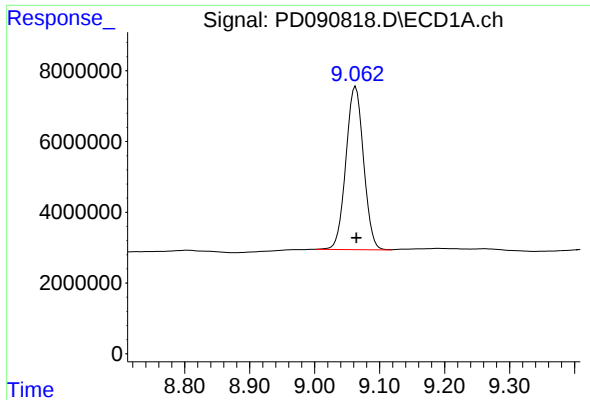
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.001 min
Response: 142880287
Conc: 44.64 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 1029679715
Conc: 40.08 ng/ml



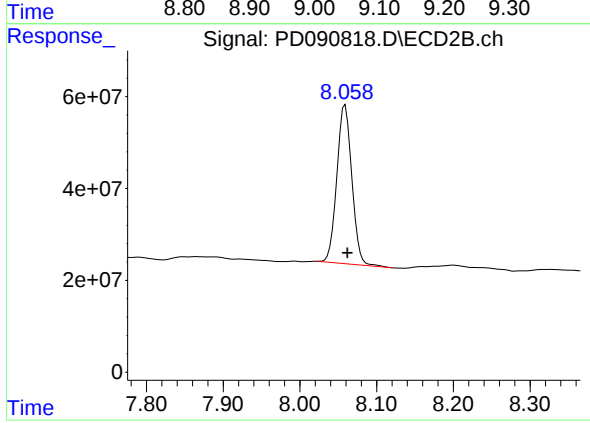
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 87200442
Conc: 18.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-10MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 469608834
Conc: 15.50 ng/ml