

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
 Data File : PD089920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2025 16:57
 Operator : AR\AJ
 Sample : Q2832-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TG-S01MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/18/2025
 Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:51:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.547	2.878	46543188	358.8E6	18.869m	22.657
2)	SA Decachlor...	9.068	8.066	61663397	350.0E6	16.593	17.432
Target Compounds							
2)	A alpha-BHC	3.998	3.390	243.4E6	1416.9E6	49.132	58.297
3)	MA gamma-BHC...	4.329	3.727	243.9E6	1319.9E6	51.322	58.599
4)	MA Heptachlor	4.927	4.080	220.2E6	1260.8E6	45.763	54.324
5)	MB Aldrin	5.269	4.365	211.1E6	1245.0E6	46.250	55.952
6)	B beta-BHC	4.515	4.022	91907039	561.2E6	49.823	58.166
7)	B delta-BHC	4.762	4.259	223.1E6	1171.8E6	48.638m	51.588
8)	B Heptachlo...	5.688	4.869	197.9E6	1189.6E6	47.326	57.888
9)	A Endosulfan I	6.072	5.243	184.5E6	1116.4E6	46.540	57.112
10)	B gamma-Chl...	5.943	5.122	193.5E6	1262.9E6	46.302	58.321 #
11)	B alpha-Chl...	6.024	5.186	194.4E6	1208.5E6	46.236	58.040 #
12)	B 4,4'-DDE	6.193	5.371	175.9E6	1229.9E6	47.152	58.186
13)	MA Dieldrin	6.345	5.509	195.4E6	1264.9E6	46.261	58.453 #
14)	MA Endrin	6.572	5.785	166.4E6	1120.7E6	46.518	56.243
15)	B Endosulfa...	6.784	6.077	164.5E6	1053.1E6	44.828	56.016
16)	A 4,4'-DDD	6.703	5.926	136.2E6	1005.9E6	45.463	57.046 #
17)	MA 4,4'-DDT	7.018	6.179	146.8E6	1026.0E6	43.687	55.842 #
18)	B Endrin al...	6.913	6.255	124.9E6	791.9E6	50.041	61.291
19)	B Endosulfa...	7.147	6.478	152.1E6	992.0E6	43.824	53.434
20)	A Methoxychlor	7.491	6.750	75999995	515.4E6	42.506	52.618
21)	B Endrin ke...	7.627	6.987	163.3E6	1061.7E6	43.959	52.904
22)	Mirex	8.110	7.180	117.3E6	780.9E6	42.056	51.305

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 16:57
Operator : AR\AJ
Sample : Q2832-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

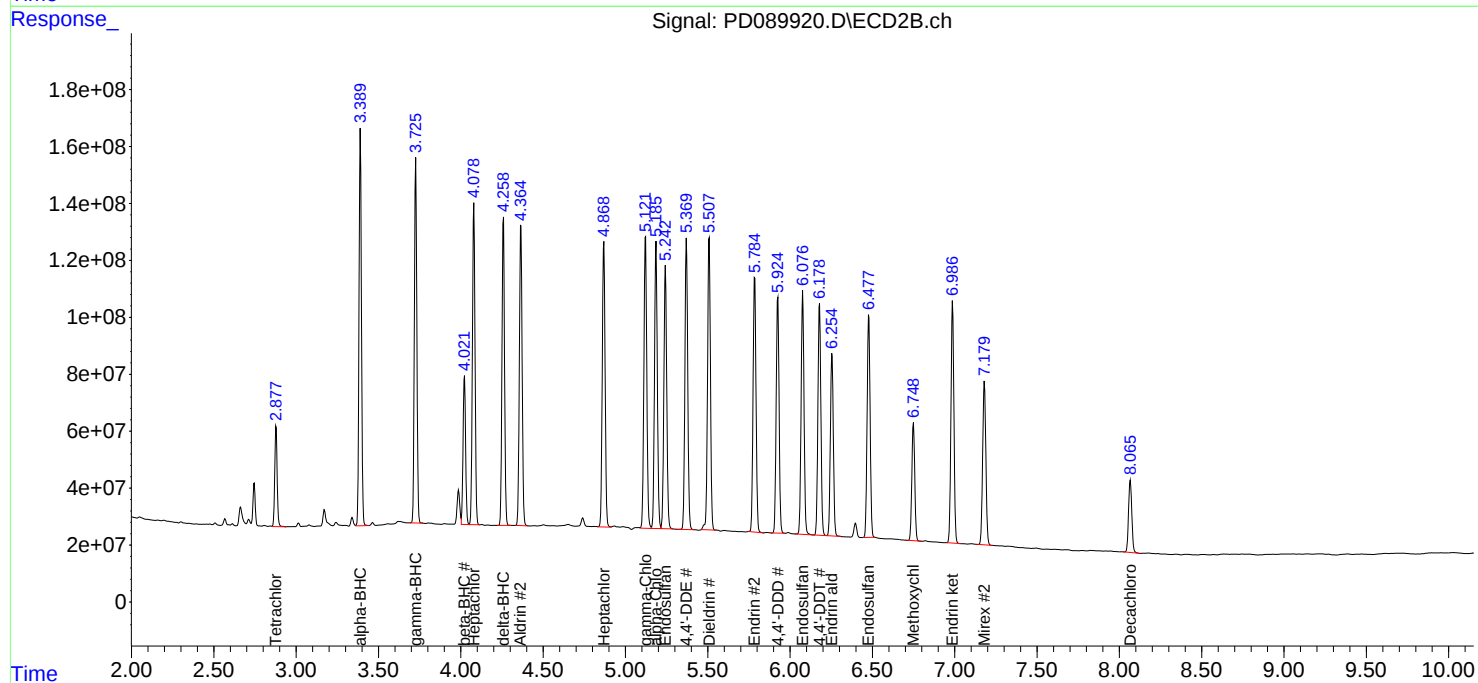
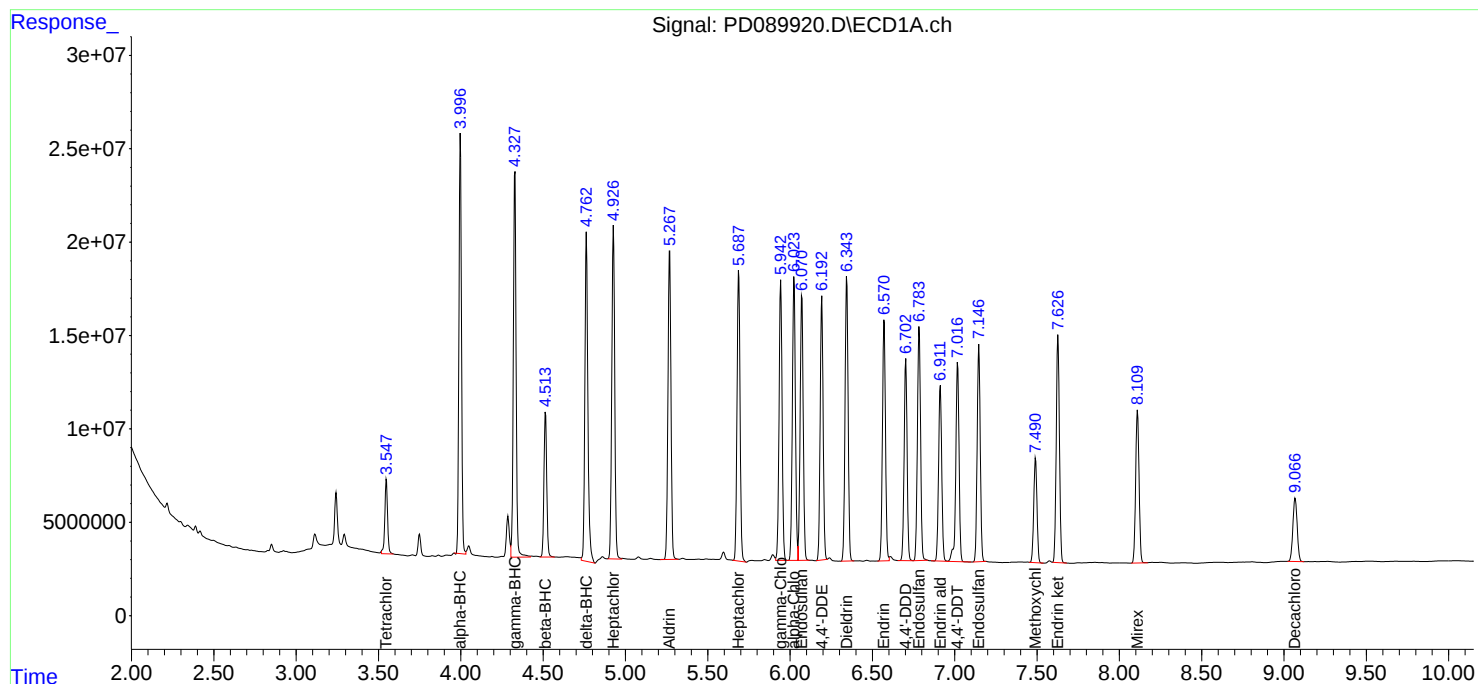
Instrument :
ECD_D
ClientSampleId :
TG-S01MS

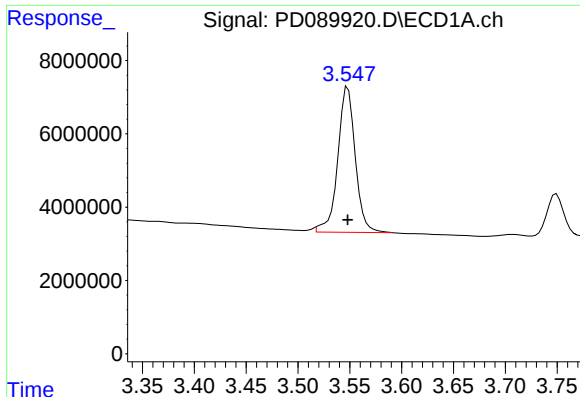
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:51:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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





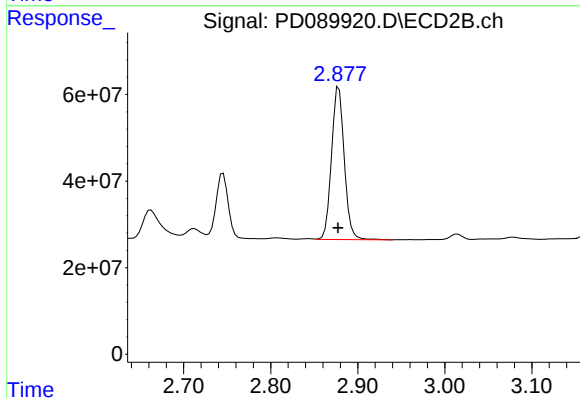
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: -0.001 min
Response: 46543188
Conc: 18.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S01MS

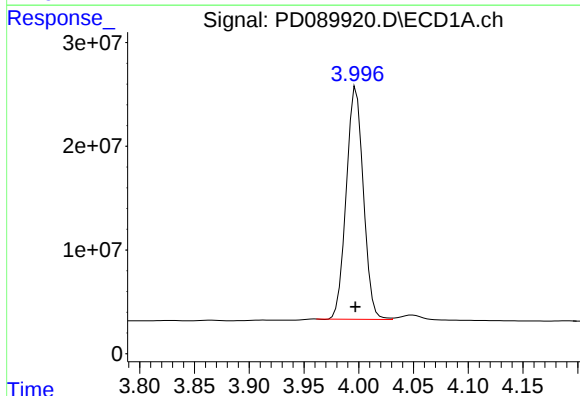
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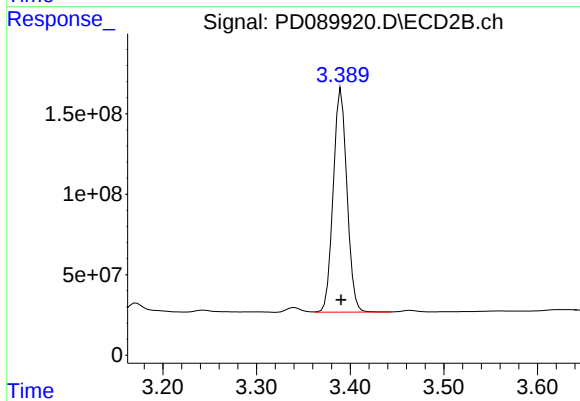
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 358841982
Conc: 22.66 ng/ml



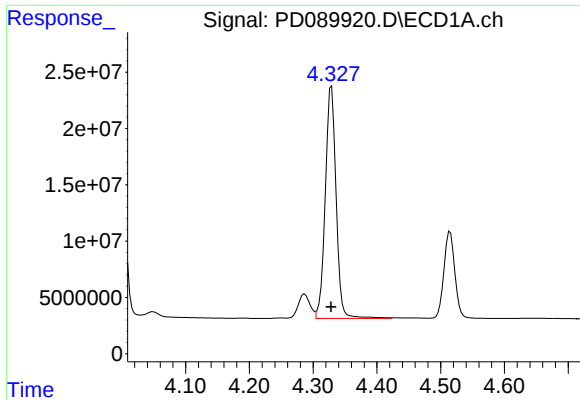
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 243377489
Conc: 49.13 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 1416904521
Conc: 58.30 ng/ml



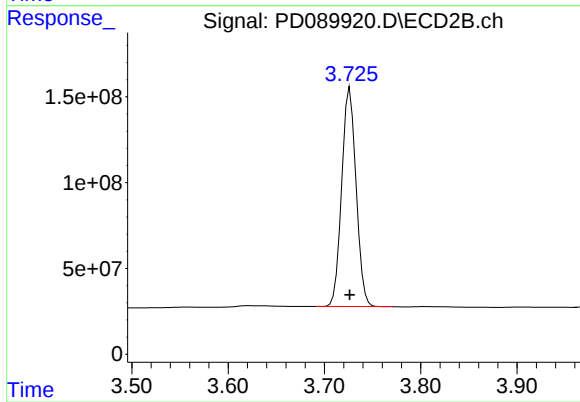
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 243898380
Conc: 51.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S01MS

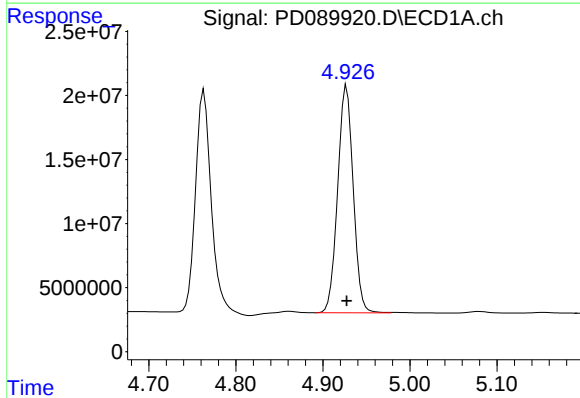
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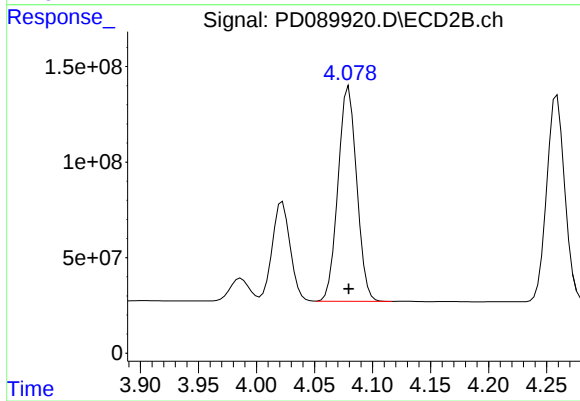
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 1319890089
Conc: 58.60 ng/ml



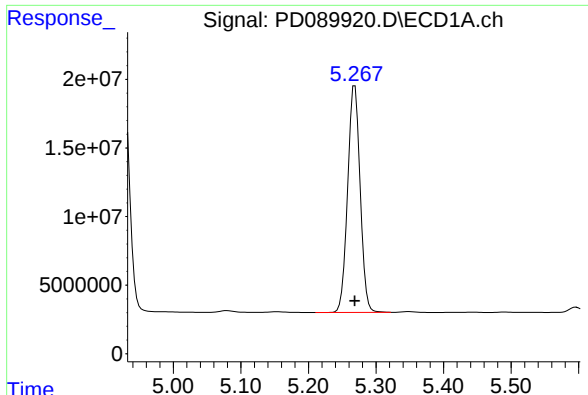
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 220188939
Conc: 45.76 ng/ml



#4 Heptachlor

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 1260821060
Conc: 54.32 ng/ml



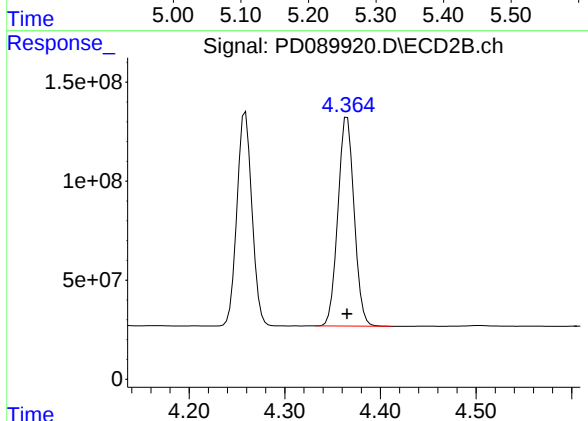
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 211128247
Conc: 46.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S01MS

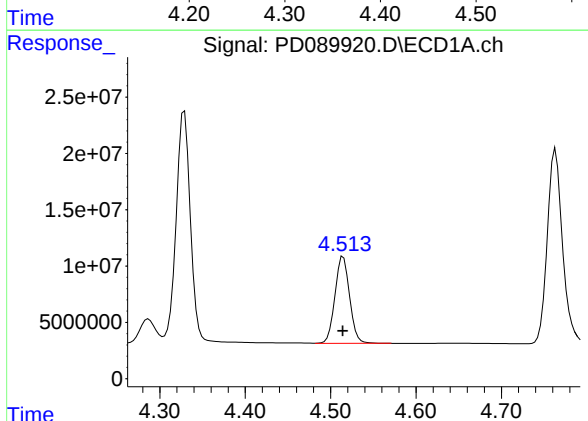
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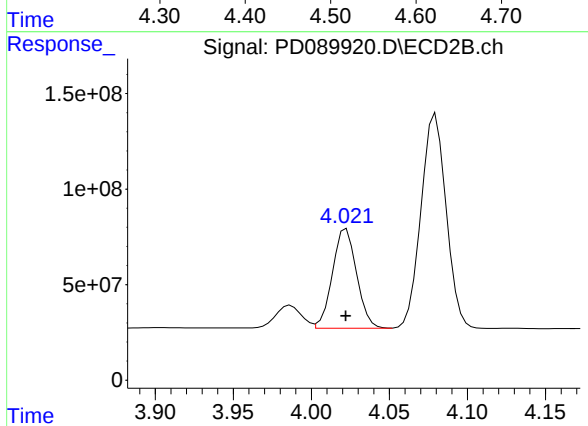
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1244965491
Conc: 55.95 ng/ml



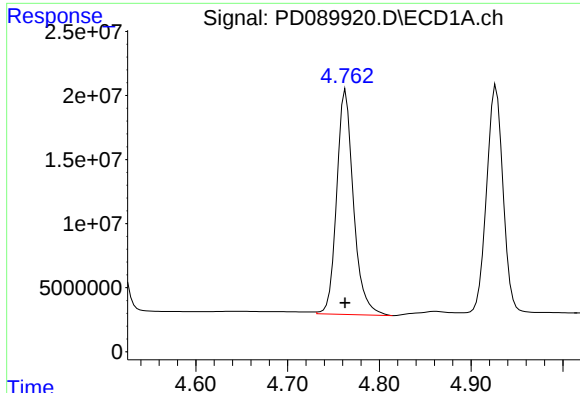
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 91907039
Conc: 49.82 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 561241370
Conc: 58.17 ng/ml



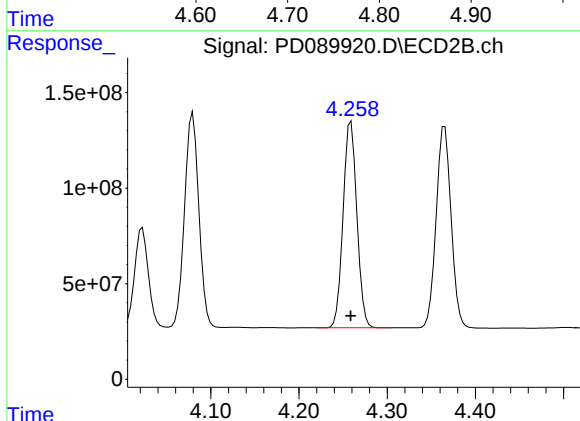
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 223063382
Conc: 48.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S01MS

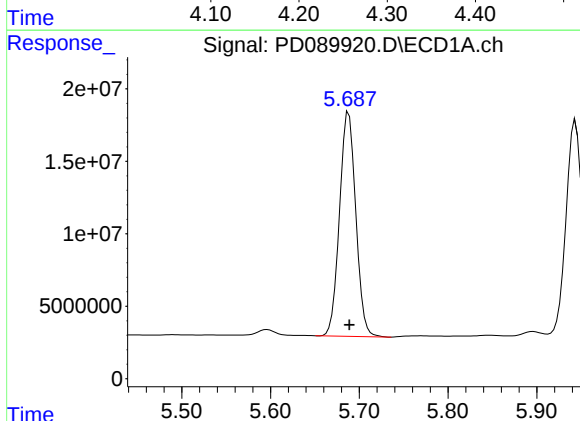
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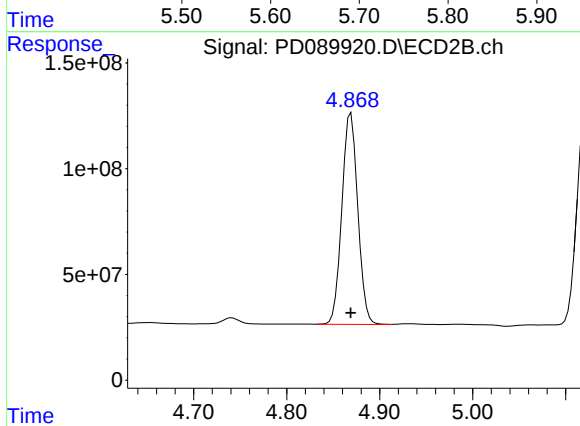
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1171818819
Conc: 51.59 ng/ml



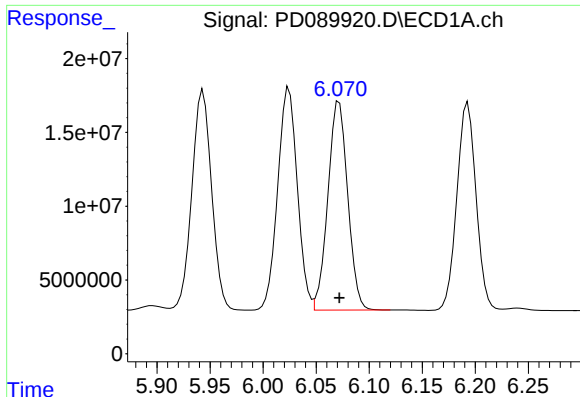
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 197858545
Conc: 47.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 1189582445
Conc: 57.89 ng/ml



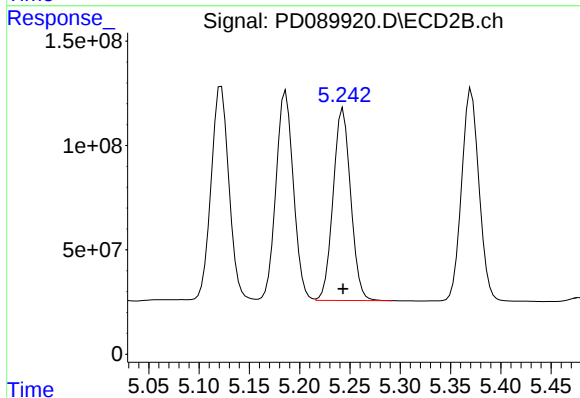
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 184468237
Conc: 46.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S01MS

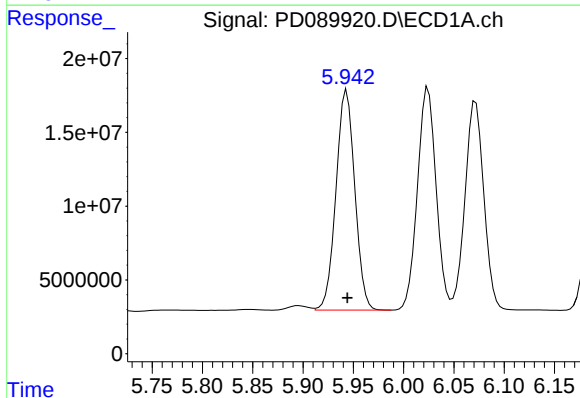
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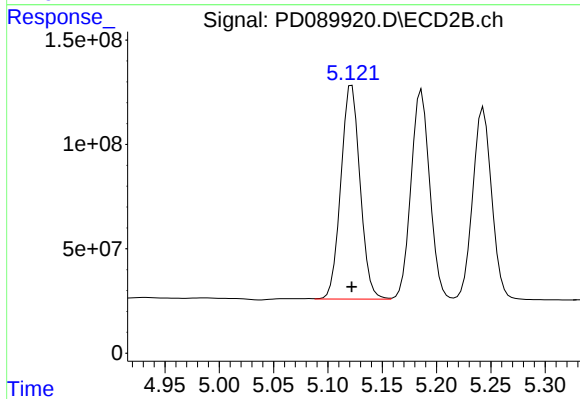
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 1116444496
Conc: 57.11 ng/ml



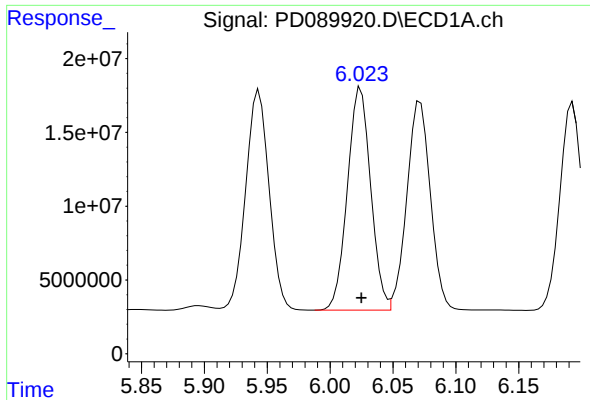
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 193501353
Conc: 46.30 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 1262851907
Conc: 58.32 ng/ml



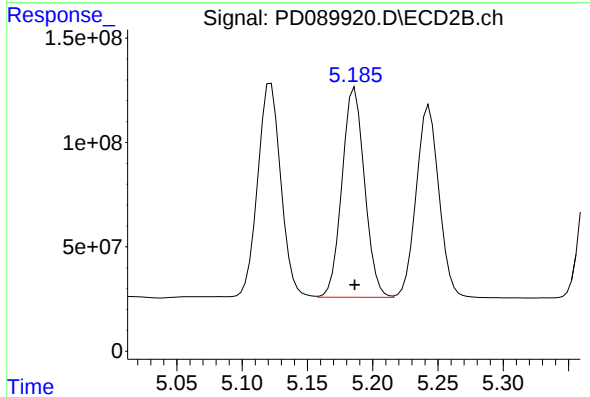
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 194383347
Conc: 46.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S01MS

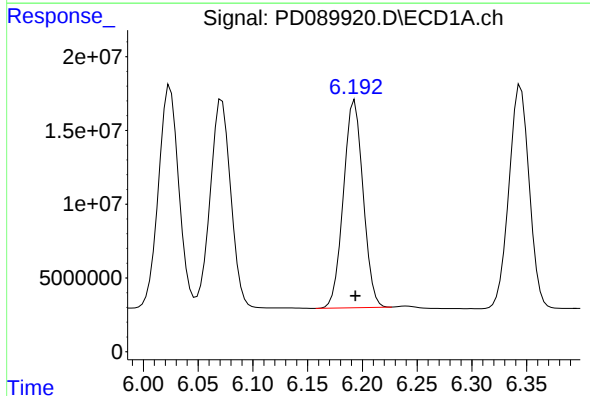
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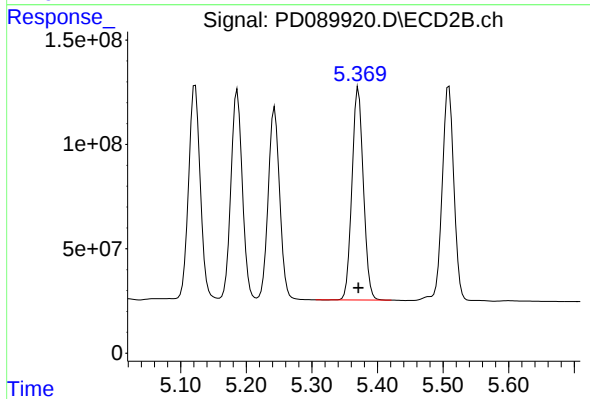
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 1208511665
Conc: 58.04 ng/ml



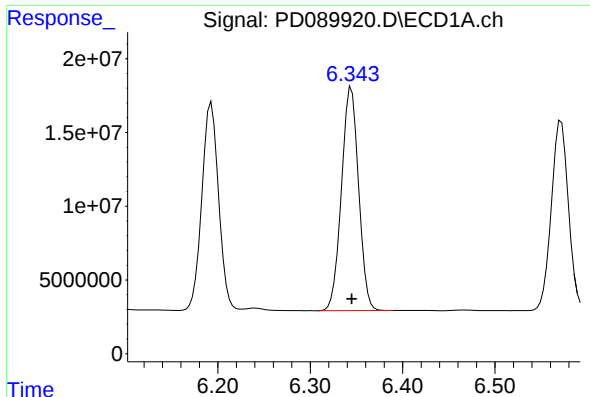
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 175865852
Conc: 47.15 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 1229875953
Conc: 58.19 ng/ml



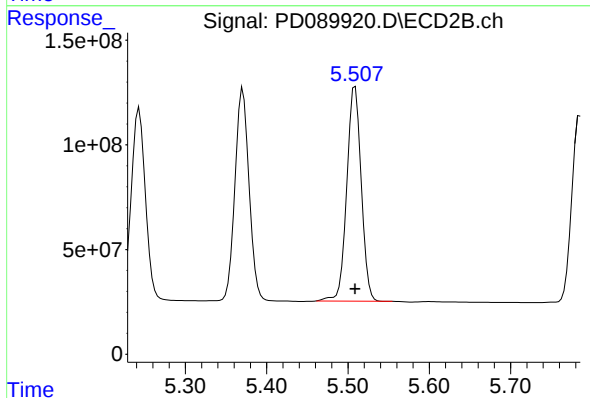
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 195381713
Conc: 46.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S01MS

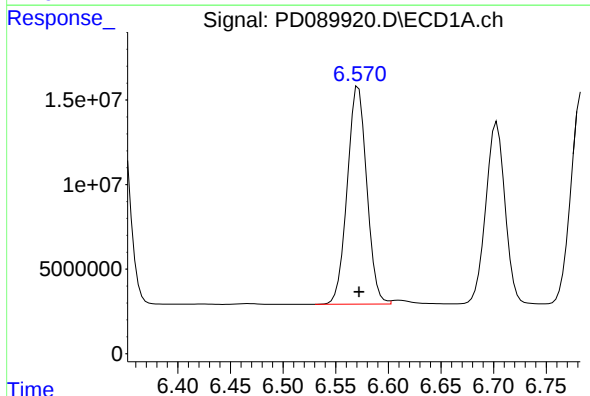
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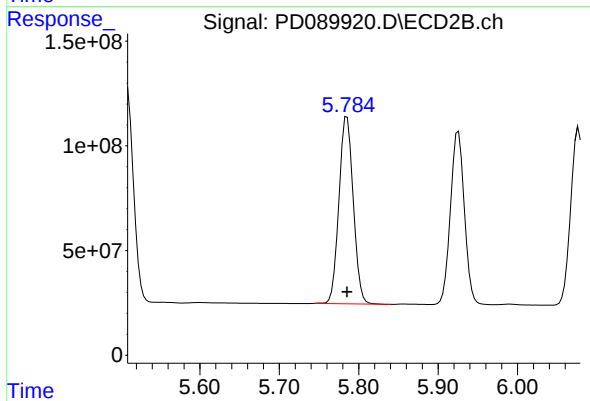
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 1264861465
Conc: 58.45 ng/ml



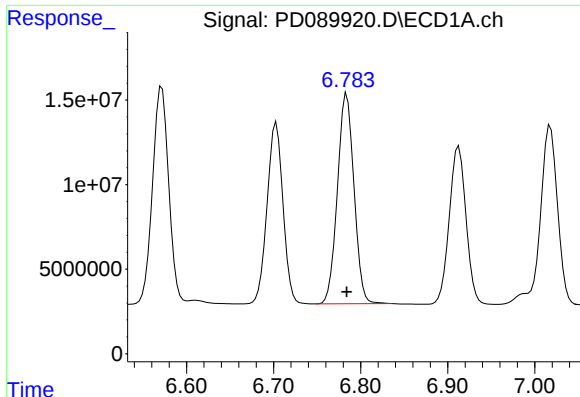
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 166428615
Conc: 46.52 ng/ml



#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1120654690
Conc: 56.24 ng/ml



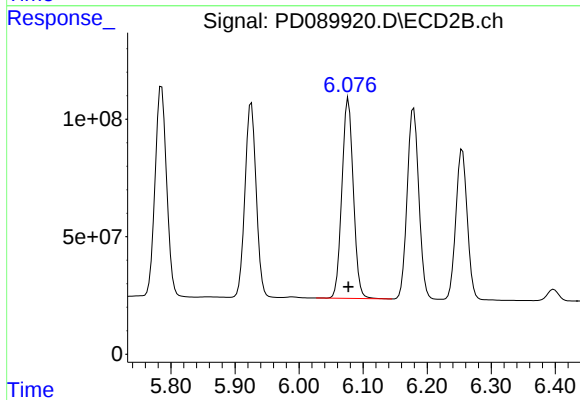
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 164490325
Conc: 44.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S01MS

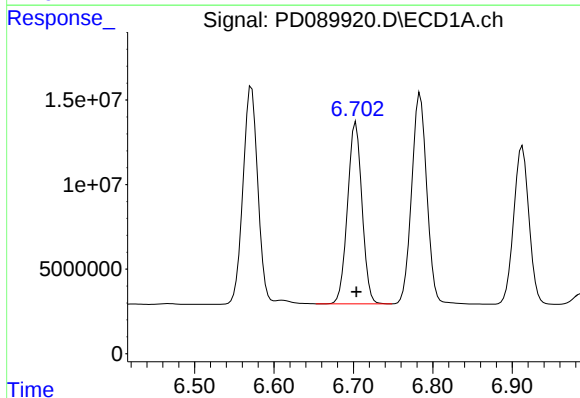
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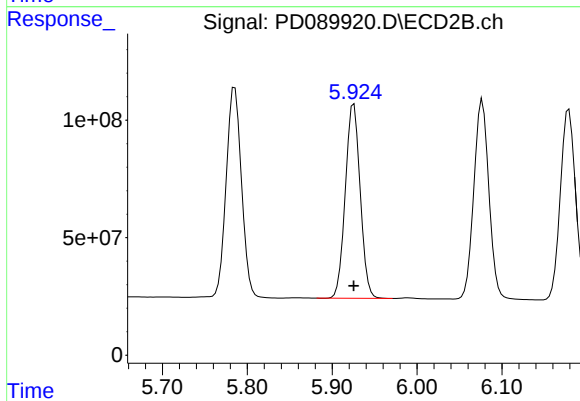
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 1053071475
Conc: 56.02 ng/ml



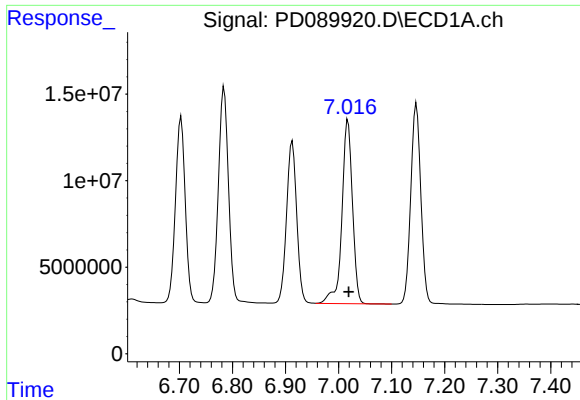
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 136153502
Conc: 45.46 ng/ml



#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 1005869763
Conc: 57.05 ng/ml



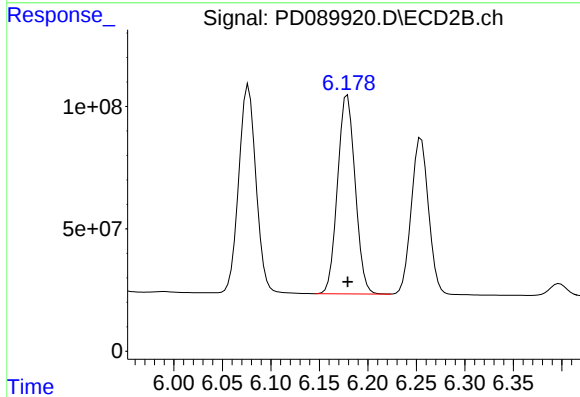
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.001 min
Response: 146798482
Conc: 43.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S01MS

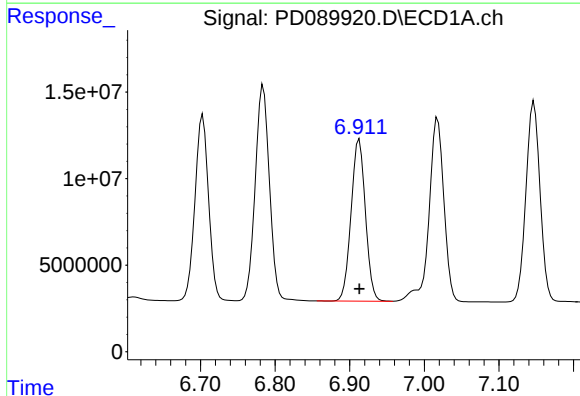
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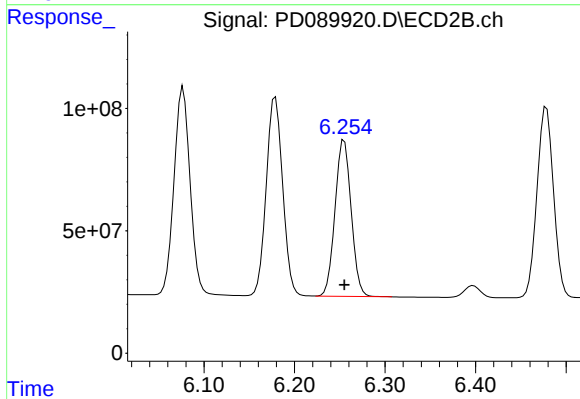
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 1025965948
Conc: 55.84 ng/ml



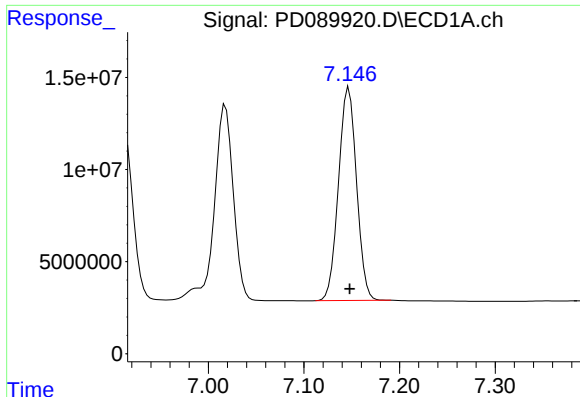
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 124881135
Conc: 50.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 791898584
Conc: 61.29 ng/ml



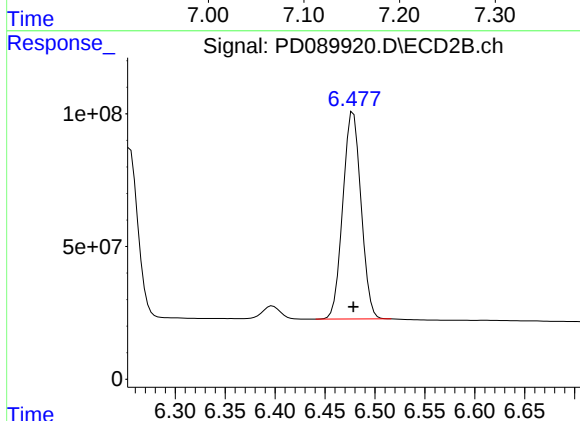
#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: -0.001 min
Response: 152071149
Conc: 43.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S01MS

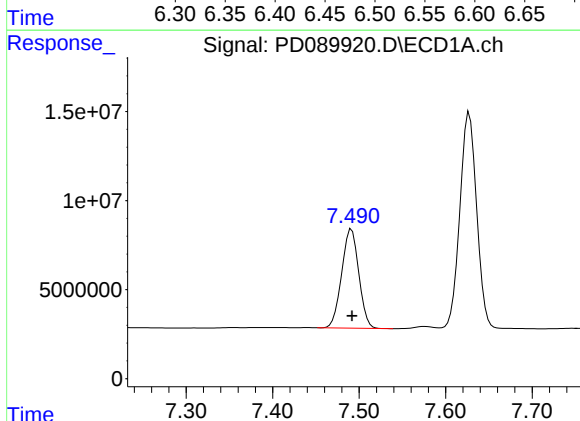
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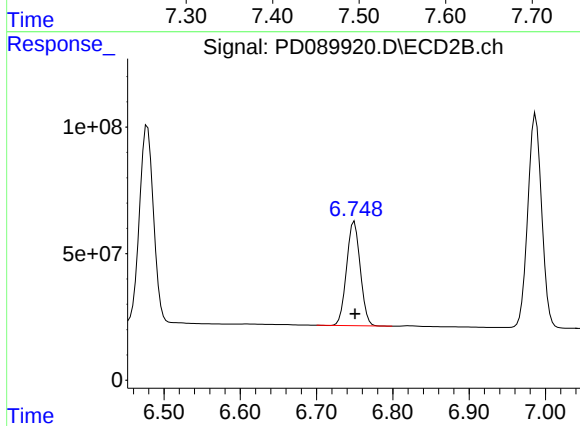
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 992031852
Conc: 53.43 ng/ml



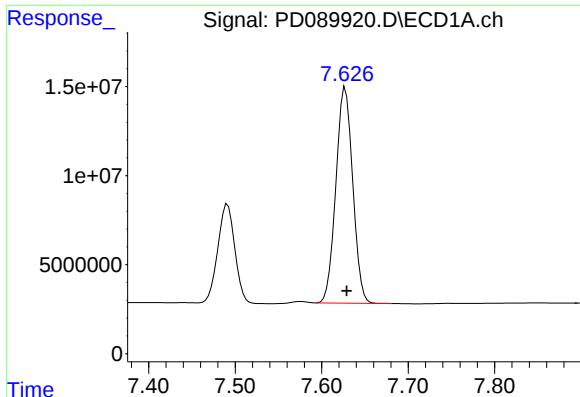
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 75999995
Conc: 42.51 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 515422975
Conc: 52.62 ng/ml



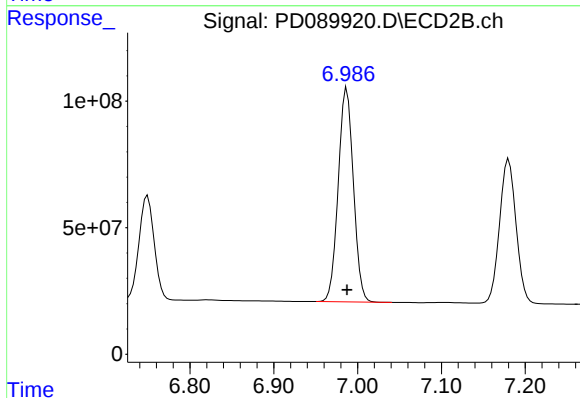
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: -0.001 min
Response: 163270740
Conc: 43.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S01MS

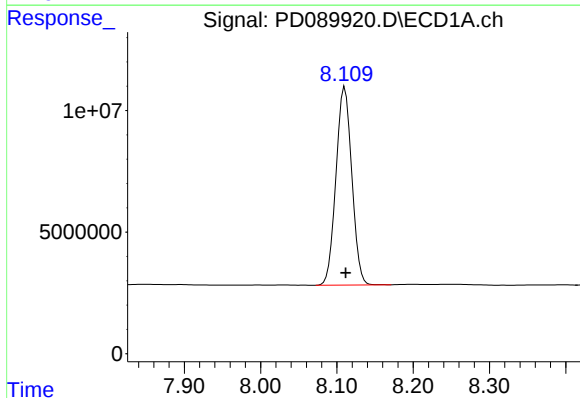
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



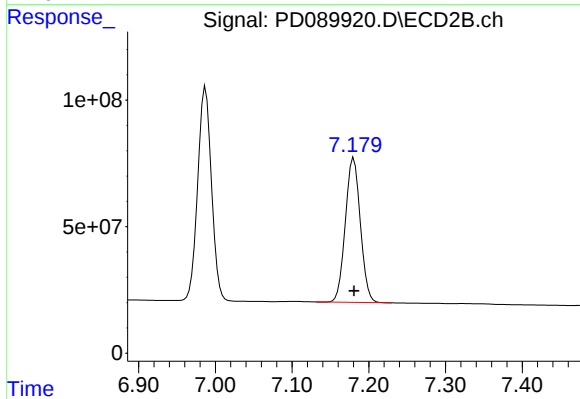
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: 0.000 min
Response: 1061687004
Conc: 52.90 ng/ml



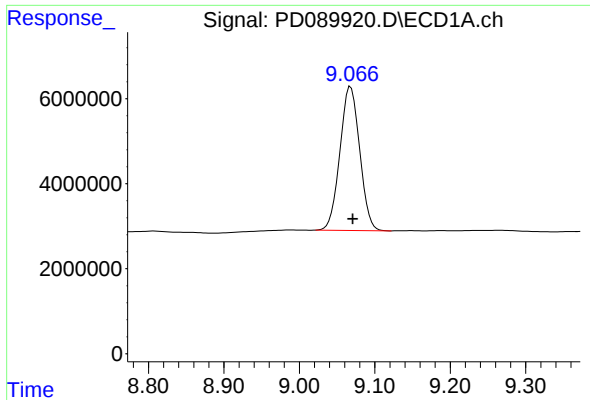
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.001 min
Response: 117266124
Conc: 42.06 ng/ml



#22 Mirex

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 780923682
Conc: 51.31 ng/ml



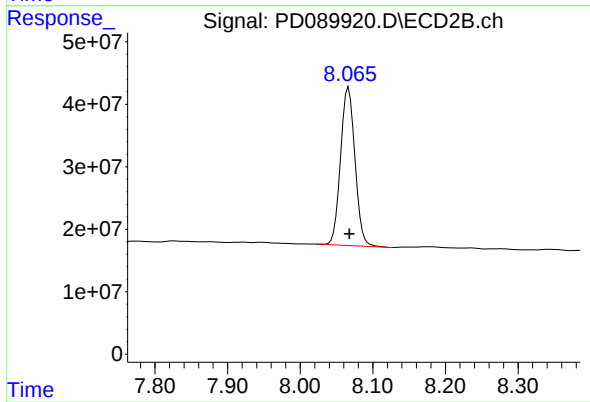
#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 61663397
Conc: 16.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S01MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.001 min
Response: 349990412
Conc: 17.43 ng/ml