

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071025\
 Data File : PD089441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 15:50
 Operator : AR\AJ
 Sample : Q2543-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-23MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 23:01:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.549	2.879	47790905	331.8E6	16.750	19.570m
28)	SA Decachlor...	9.071	8.070	52595343	242.4E6	13.391	12.264
Target Compounds							
2)	A alpha-BHC	3.999	3.391	255.6E6	1266.4E6	43.845	47.259m
3)	MA gamma-BHC...	4.330	3.727	241.1E6	1166.6E6	43.187	47.124m
4)	MA Heptachlor	4.929	4.082	218.5E6	1128.7E6	40.081	45.077
5)	MB Aldrin	5.270	4.368	220.8E6	1117.4E6	41.555	46.141
6)	B beta-BHC	4.515	4.024	89963540	491.8E6	40.760	45.768
7)	B delta-BHC	4.764	4.261	222.0E6	1152.8E6	43.250	46.348
8)	B Heptachlo...	5.690	4.871	186.6E6	989.4E6	38.689	45.182
9)	A Endosulfan I	6.074	5.245	171.3E6	909.4E6	38.005	43.633
10)	B gamma-Chl...	5.945	5.124	181.0E6	1036.8E6	37.803	43.341
11)	B alpha-Chl...	6.026	5.189	182.5E6	988.4E6	37.712	43.169
12)	B 4,4'-DDE	6.195	5.373	163.9E6	978.4E6	37.588	42.696
13)	MA Dieldrin	6.346	5.511	180.3E6	988.9E6	37.585	42.608
14)	MA Endrin	6.573	5.788	142.8E6	868.5E6	34.608	39.999
15)	B Endosulfa...	6.785	6.079	145.9E6	779.2E6	36.152	38.580
16)	A 4,4'-DDD	6.704	5.928	125.6E6	735.6E6	36.590	38.453
17)	MA 4,4'-DDT	7.020	6.182	128.3E6	730.4E6	33.861	36.019
18)	B Endrin al...	6.914	6.257	112.8E6	572.9E6	36.813	37.416
19)	B Endosulfa...	7.148	6.480	133.7E6	723.6E6	34.832	36.876
20)	A Methoxychlor	7.492	6.752	64441847	357.3E6	31.892	33.185
21)	B Endrin ke...	7.629	6.990	145.5E6	718.6E6	35.733	33.266
22)	Mirex	8.113	7.183	105.3E6	523.7E6	34.647	31.398

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071025\
Data File : PD089441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 15:50
Operator : AR\AJ
Sample : Q2543-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

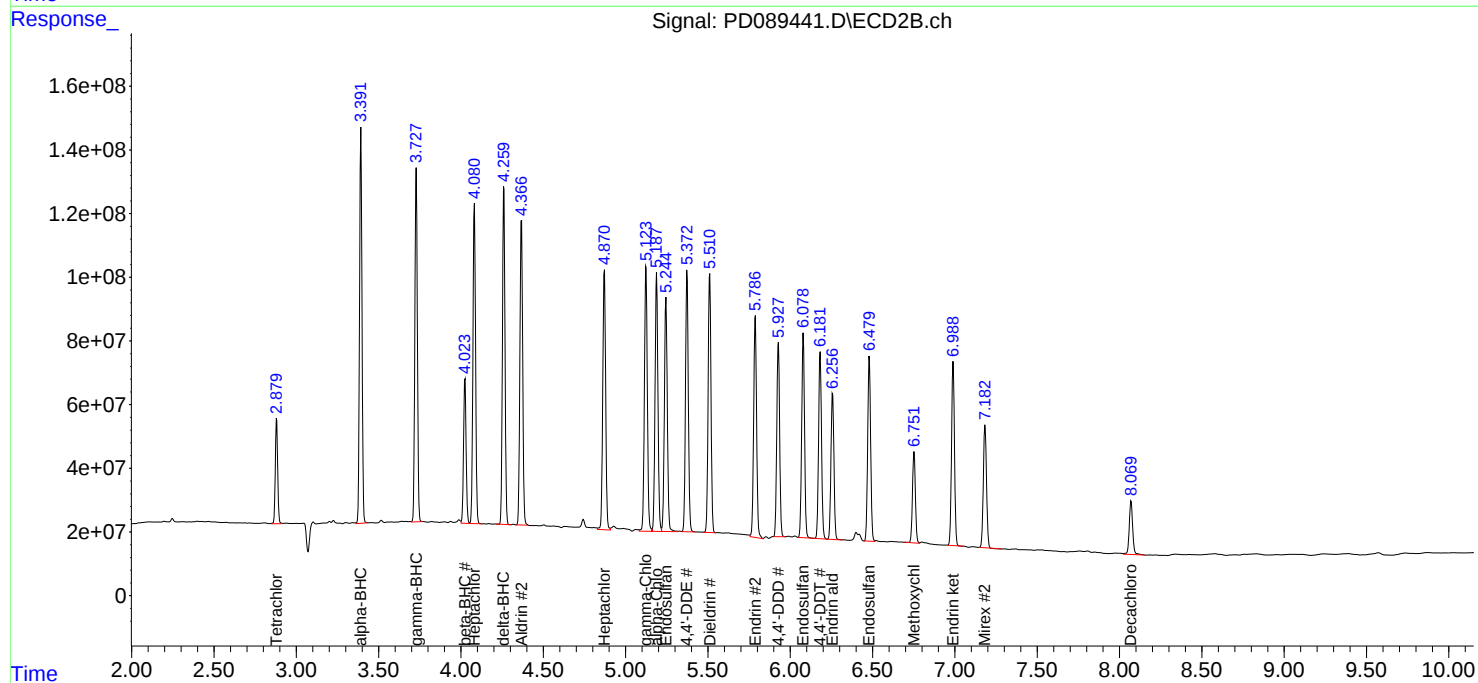
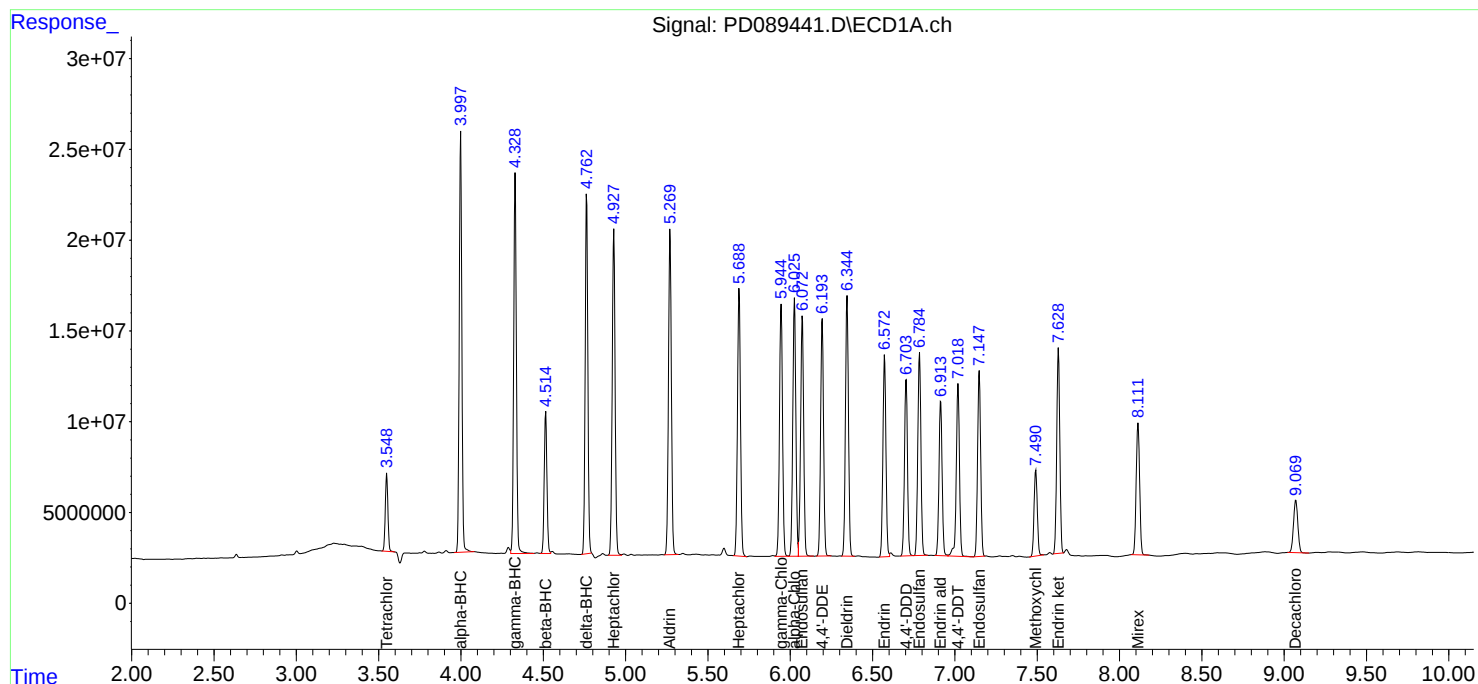
Instrument :
ECD_D
ClientSampleId :
TP-23MS

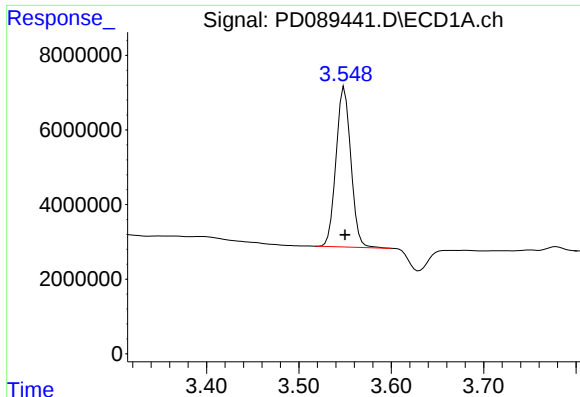
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:01:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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





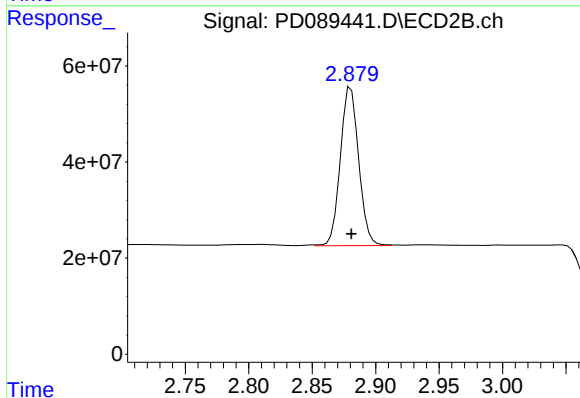
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 47790905
Conc: 16.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-23MS

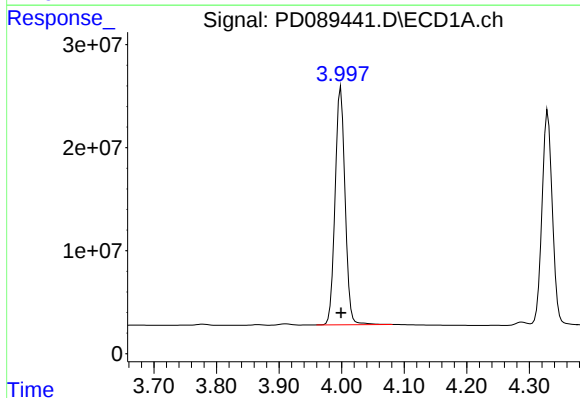
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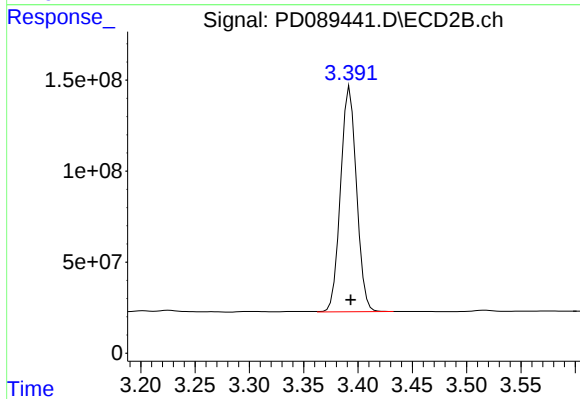
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 331780916
Conc: 19.57 ng/ml m



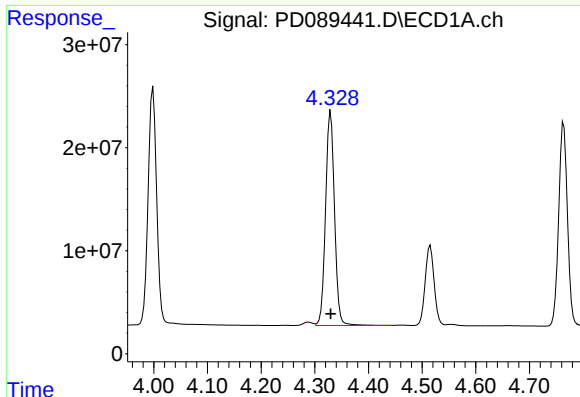
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 255575303
Conc: 43.84 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: -0.002 min
Response: 1266394192
Conc: 47.26 ng/ml m



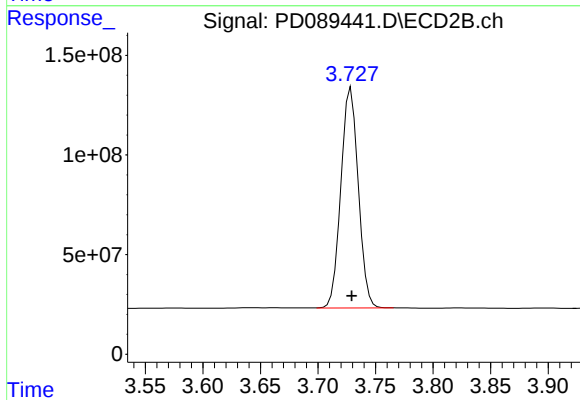
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 241055047
Conc: 43.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-23MS

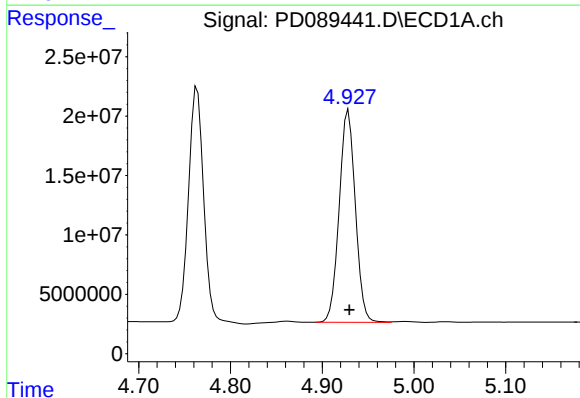
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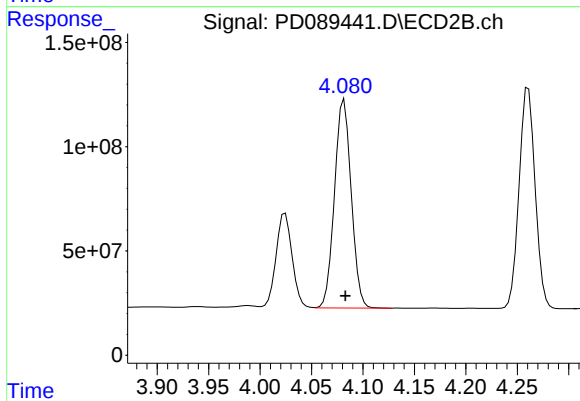
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: -0.002 min
Response: 1166649166
Conc: 47.12 ng/ml m



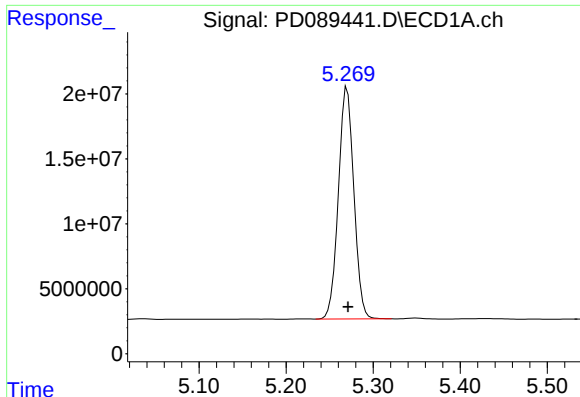
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 218520977
Conc: 40.08 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.001 min
Response: 1128651632
Conc: 45.08 ng/ml



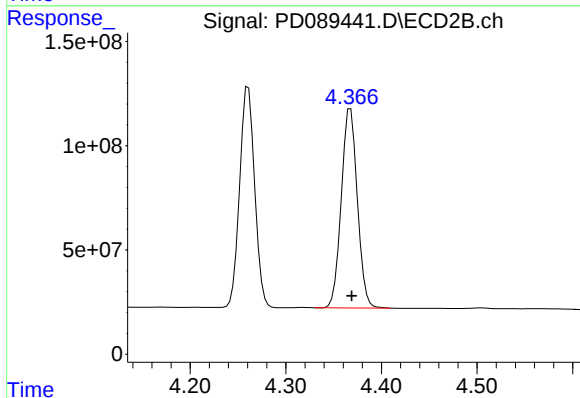
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 220781872
Conc: 41.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-23MS

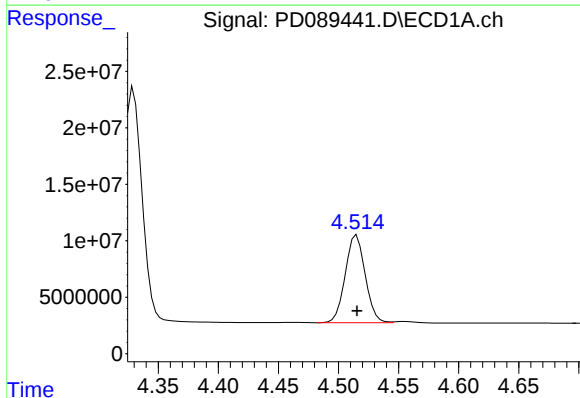
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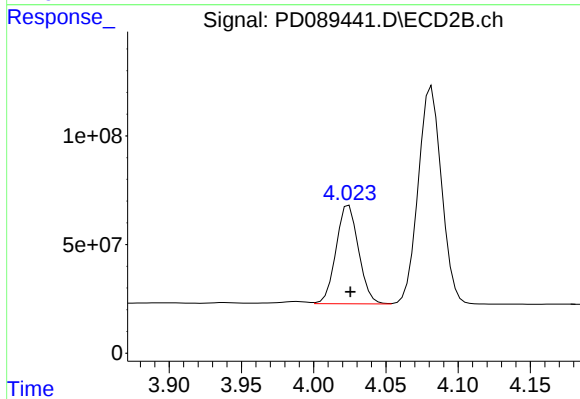
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 1117406674
Conc: 46.14 ng/ml



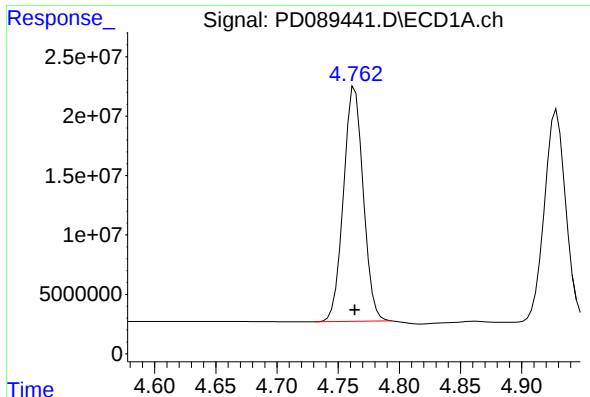
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 89963540
Conc: 40.76 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 491831511
Conc: 45.77 ng/ml



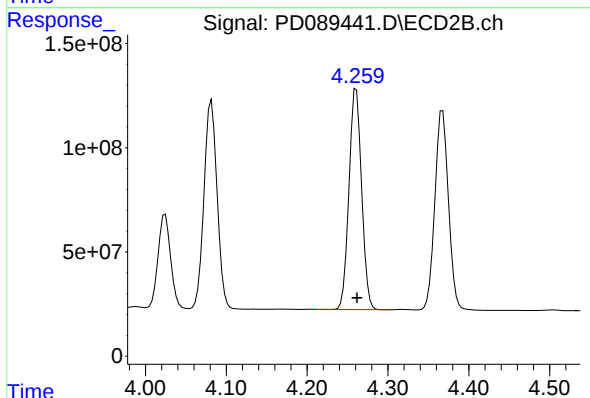
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 221997799
Conc: 43.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-23MS

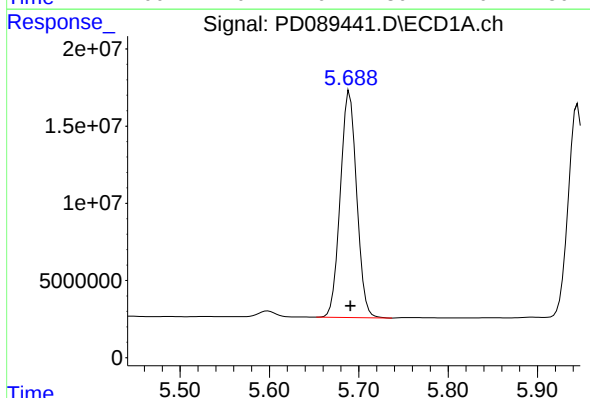
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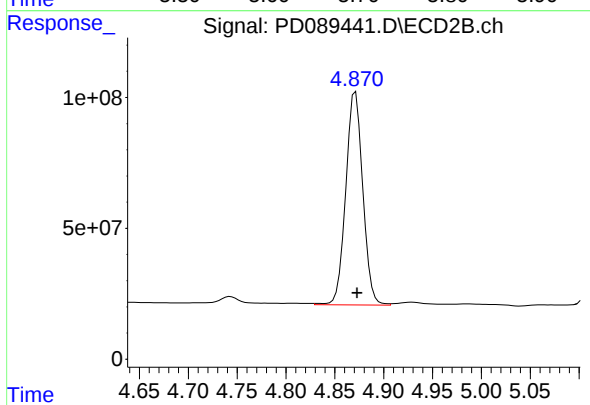
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.001 min
Response: 1152840126
Conc: 46.35 ng/ml



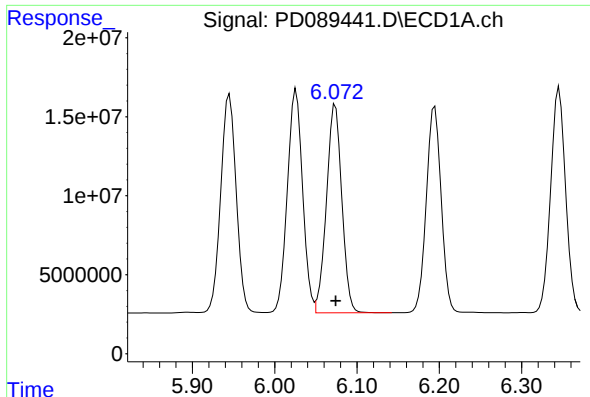
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.001 min
Response: 186634986
Conc: 38.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.002 min
Response: 989395791
Conc: 45.18 ng/ml



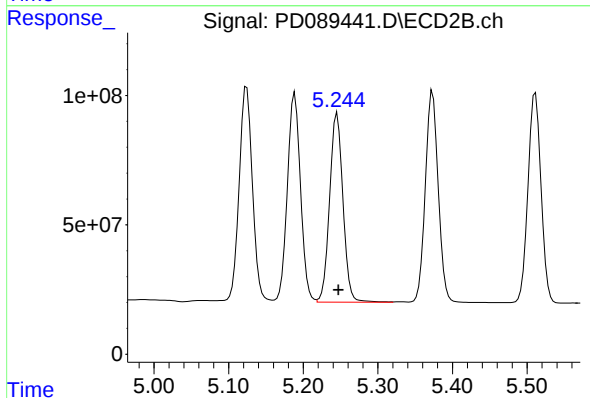
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 171303741
Conc: 38.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-23MS

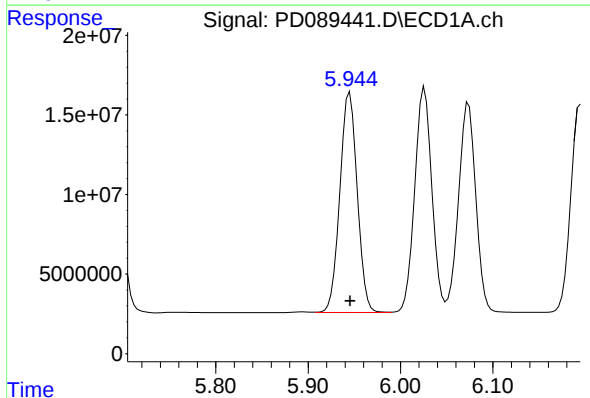
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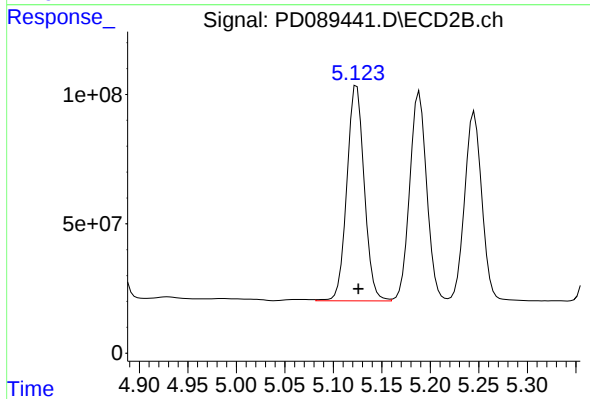
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 909414664
Conc: 43.63 ng/ml



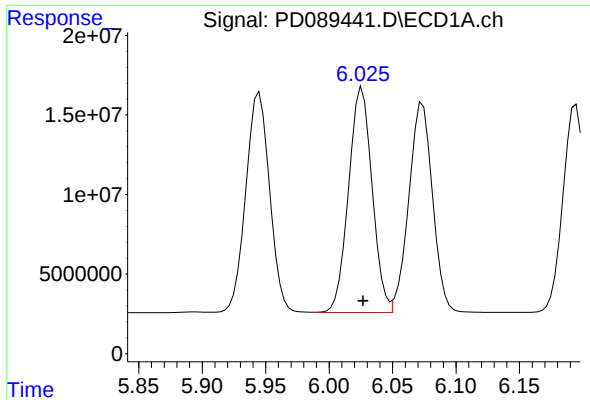
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 181004028
Conc: 37.80 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 1036842774
Conc: 43.34 ng/ml



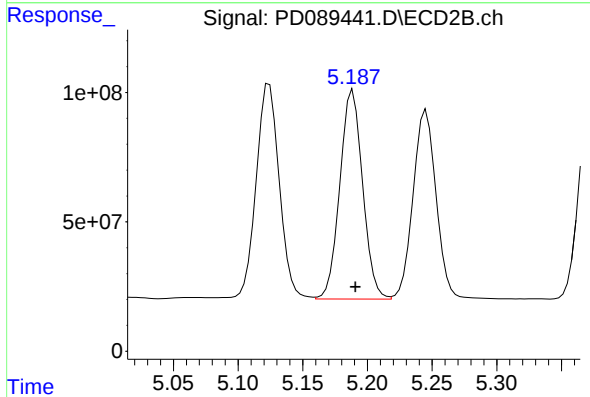
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 182473219
Conc: 37.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-23MS

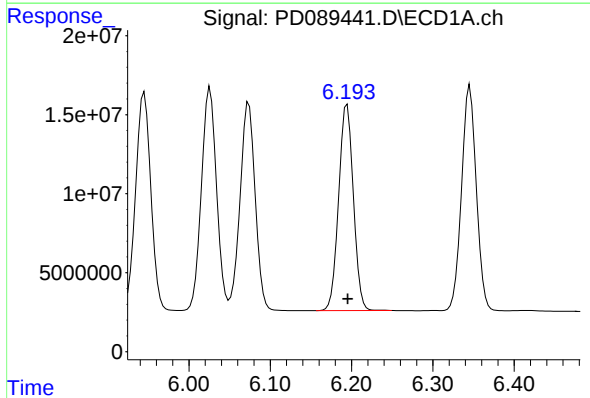
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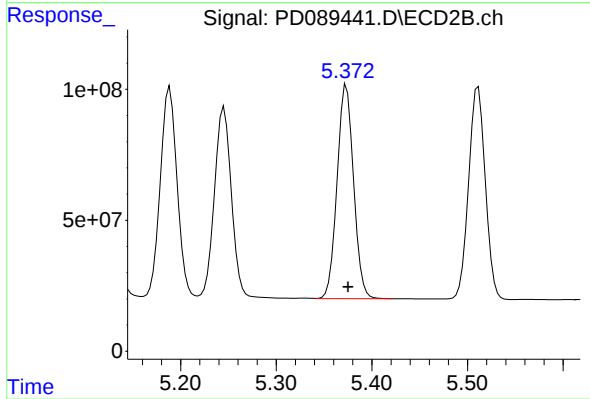
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 988421213
Conc: 43.17 ng/ml



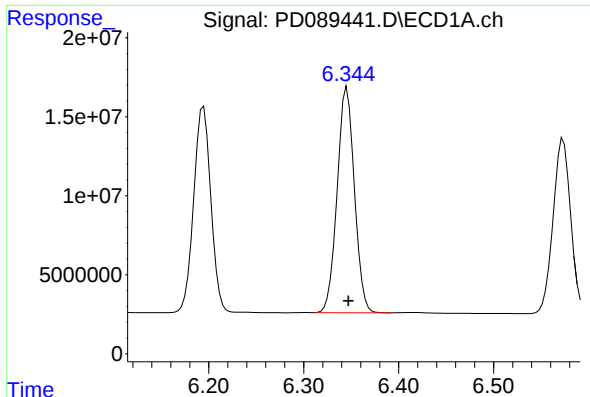
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 163922032
Conc: 37.59 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 978420275
Conc: 42.70 ng/ml



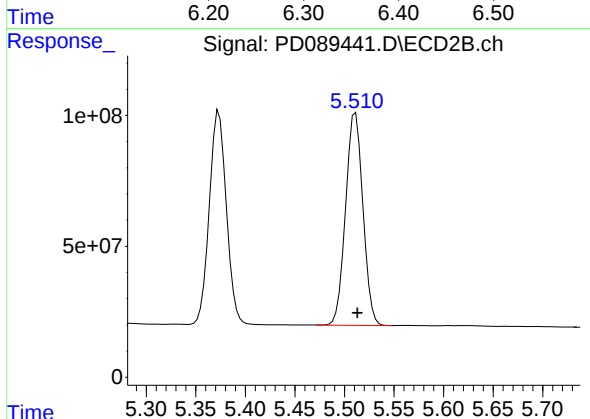
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.001 min
Response: 180312784
Conc: 37.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-23MS

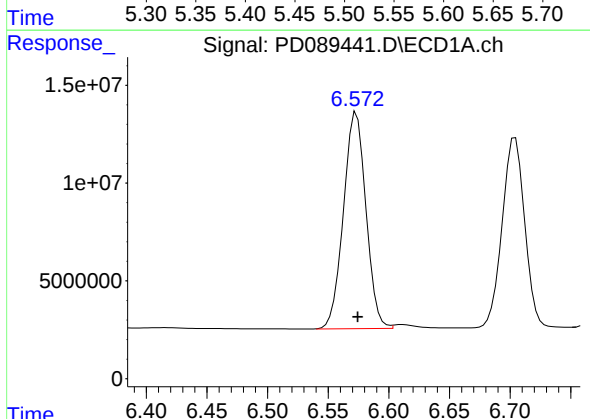
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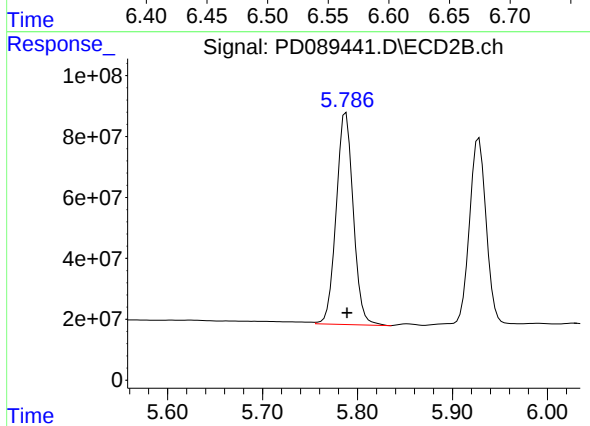
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 988876988
Conc: 42.61 ng/ml



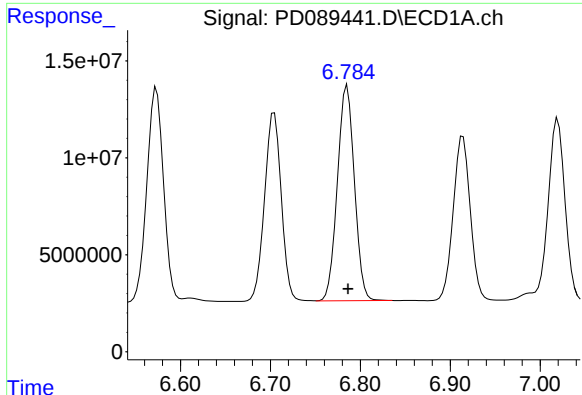
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 142776404
Conc: 34.61 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 868540161
Conc: 40.00 ng/ml



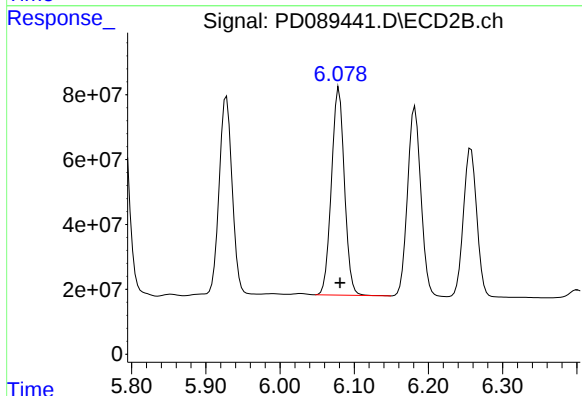
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 145932067
Conc: 36.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-23MS

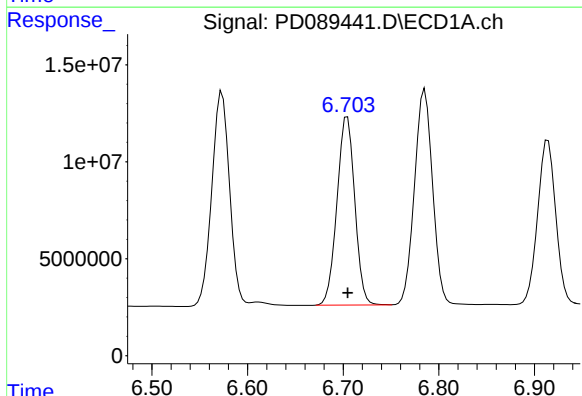
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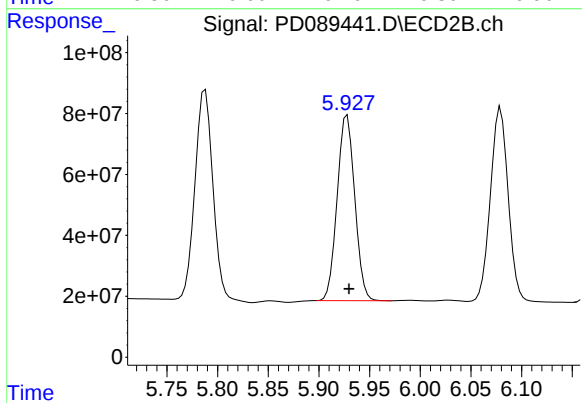
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 779180483
Conc: 38.58 ng/ml



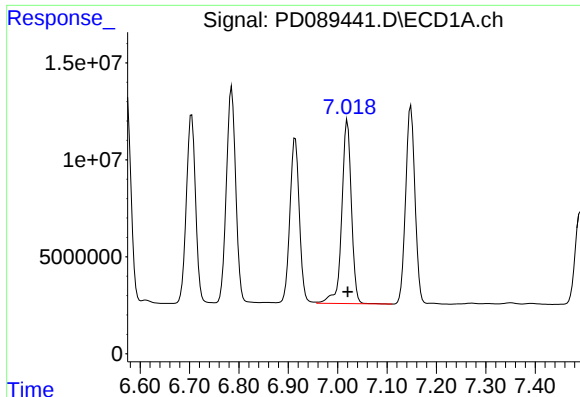
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 125580490
Conc: 36.59 ng/ml



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 735588478
Conc: 38.45 ng/ml



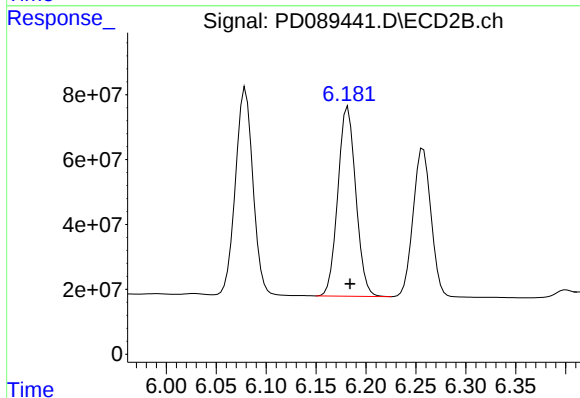
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 128273528
Conc: 33.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-23MS

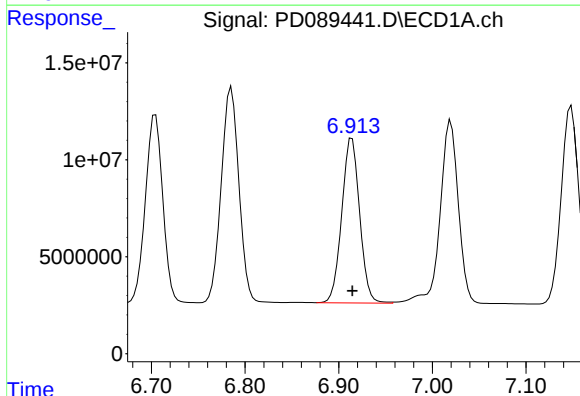
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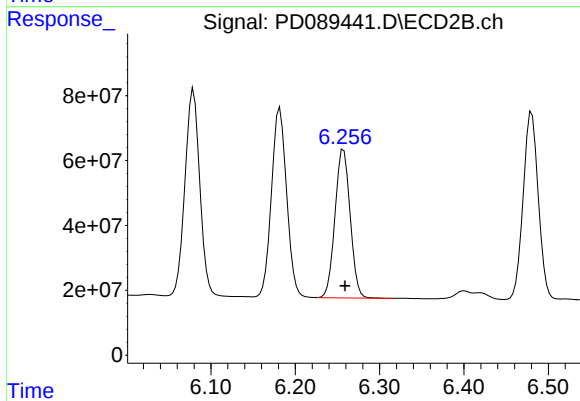
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 730445552
Conc: 36.02 ng/ml



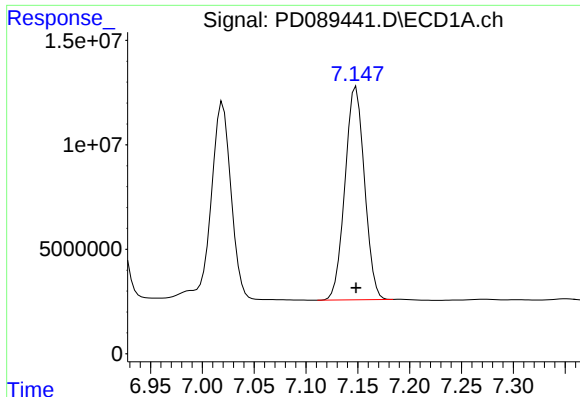
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 112793138
Conc: 36.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 572890154
Conc: 37.42 ng/ml



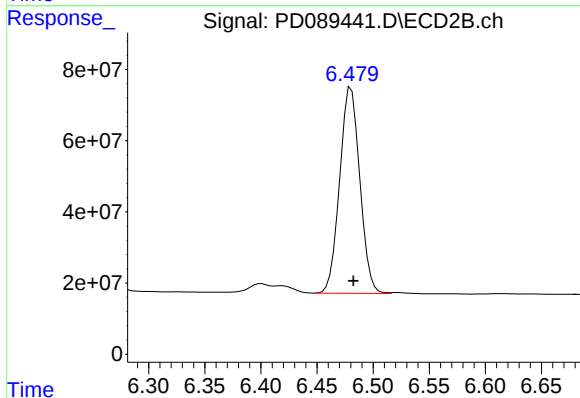
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 133658709
Conc: 34.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-23MS

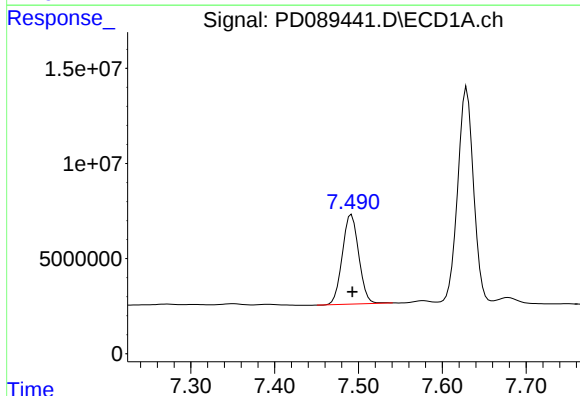
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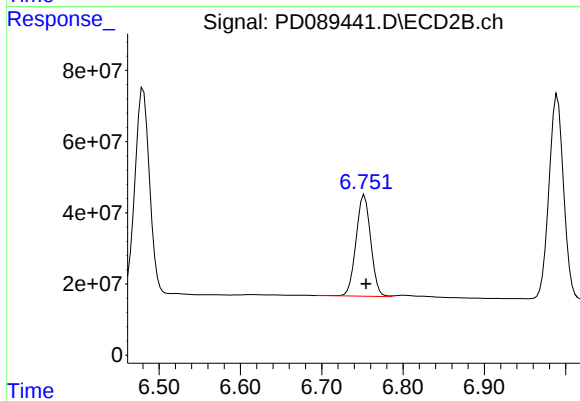
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 723554192
Conc: 36.88 ng/ml



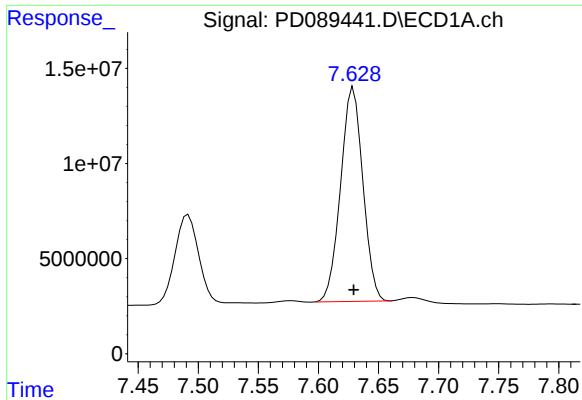
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 64441847
Conc: 31.89 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 357337238
Conc: 33.18 ng/ml



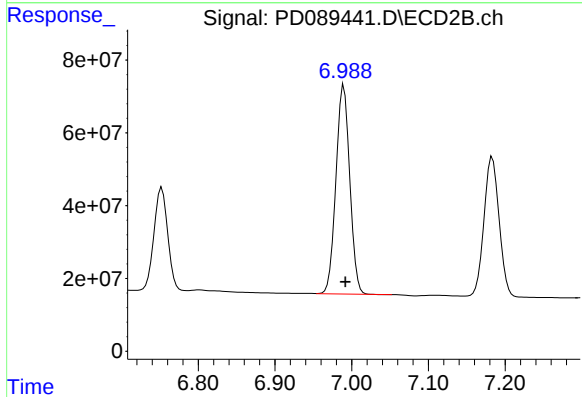
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 145543879
Conc: 35.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-23MS

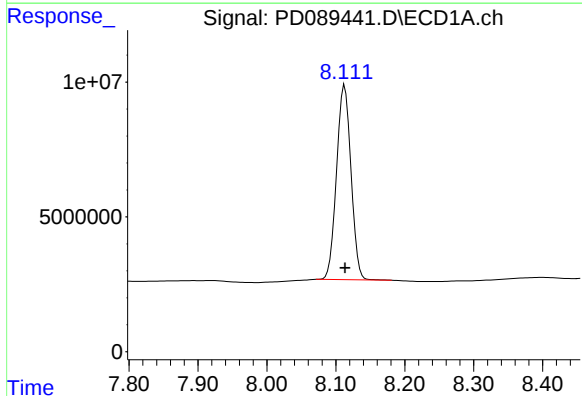
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



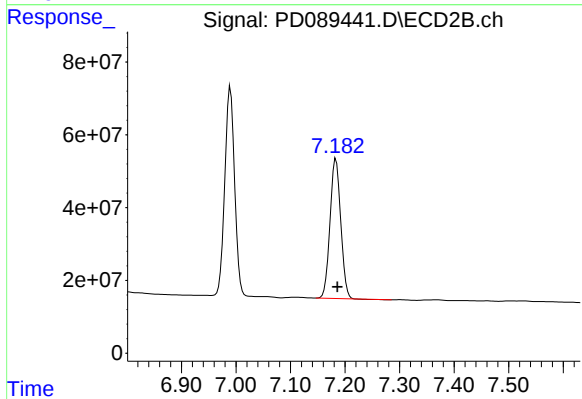
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 718598922
Conc: 33.27 ng/ml



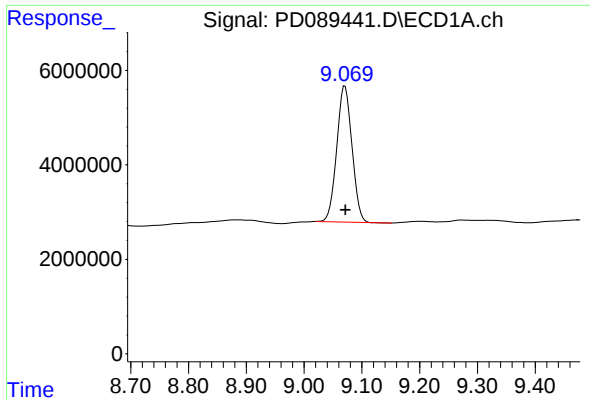
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 105332968
Conc: 34.65 ng/ml



#22 Mirex

R.T.: 7.183 min
Delta R.T.: -0.003 min
Response: 523663365
Conc: 31.40 ng/ml



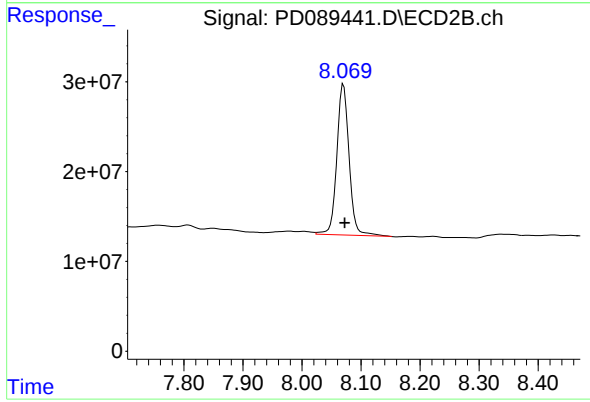
#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.001 min
Response: 52595343
Conc: 13.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-23MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 242449892
Conc: 12.26 ng/ml