

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050225\
 Data File : PD088394.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2025 13:41
 Operator : AR\AJ
 Sample : Q1928-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MH-QMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/05/2025
 Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 22:53:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.551	2.882	37708255	283.2E6	18.879	19.368
28)	SA Decachlor...	9.075	8.075	58692703	305.2E6	17.742	16.518
Target Compounds							
2)	A alpha-BHC	4.000	3.395	227.5E6	1103.6E6	52.767	48.274
3)	MA gamma-BHC...	4.332	3.731	219.0E6	1026.6E6	52.310	47.665
4)	MA Heptachlor	4.931	4.085	214.0E6	1005.0E6	52.992	46.969
5)	MB Aldrin	5.273	4.371	216.3E6	1003.0E6	54.755	48.214
6)	B beta-BHC	4.516	4.027	83015903	449.2E6	51.138	48.536
7)	B delta-BHC	4.765	4.264	228.3E6	1034.0E6	55.357	48.632
8)	B Heptachlo...	5.692	4.875	192.8E6	901.4E6	53.934	47.706
9)	A Endosulfan I	6.076	5.249	180.5E6	867.7E6	53.460	48.171
10)	B gamma-Chl...	5.948	5.128	214.4E6	1105.4E6	59.180	54.462
11)	B alpha-Chl...	6.028	5.193	216.2E6	1044.9E6	59.902	53.302
12)	B 4,4'-DDE	6.197	5.378	171.6E6	947.1E6	52.039	48.092
13)	MA Dieldrin	6.349	5.515	192.7E6	953.2E6	53.993	47.820
14)	MA Endrin	6.576	5.790	157.3E6	865.7E6	52.727	47.561m
15)	B Endosulfa...	6.787	6.083	148.6E6	830.9E6	47.519	47.419
16)	A 4,4'-DDD	6.706	5.932	140.6E6	773.4E6	55.906	47.199
17)	MA 4,4'-DDT	7.021	6.186	132.4E6	776.0E6	47.665m	45.605
18)	B Endrin al...	6.916	6.261	119.1E6	616.1E6	51.619	46.321
19)	B Endosulfa...	7.150	6.484	149.0E6	799.7E6	51.824	46.674
20)	A Methoxychlor	7.494	6.757	72877515	405.8E6	48.600	44.492
21)	B Endrin ke...	7.631	6.994	162.8E6	886.2E6	52.747	47.382
22)	Mirex	8.115	7.188	118.6E6	674.8E6	50.495	45.533

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

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Data File : PD088394.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 13:41
Operator : AR\AJ
Sample : Q1928-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

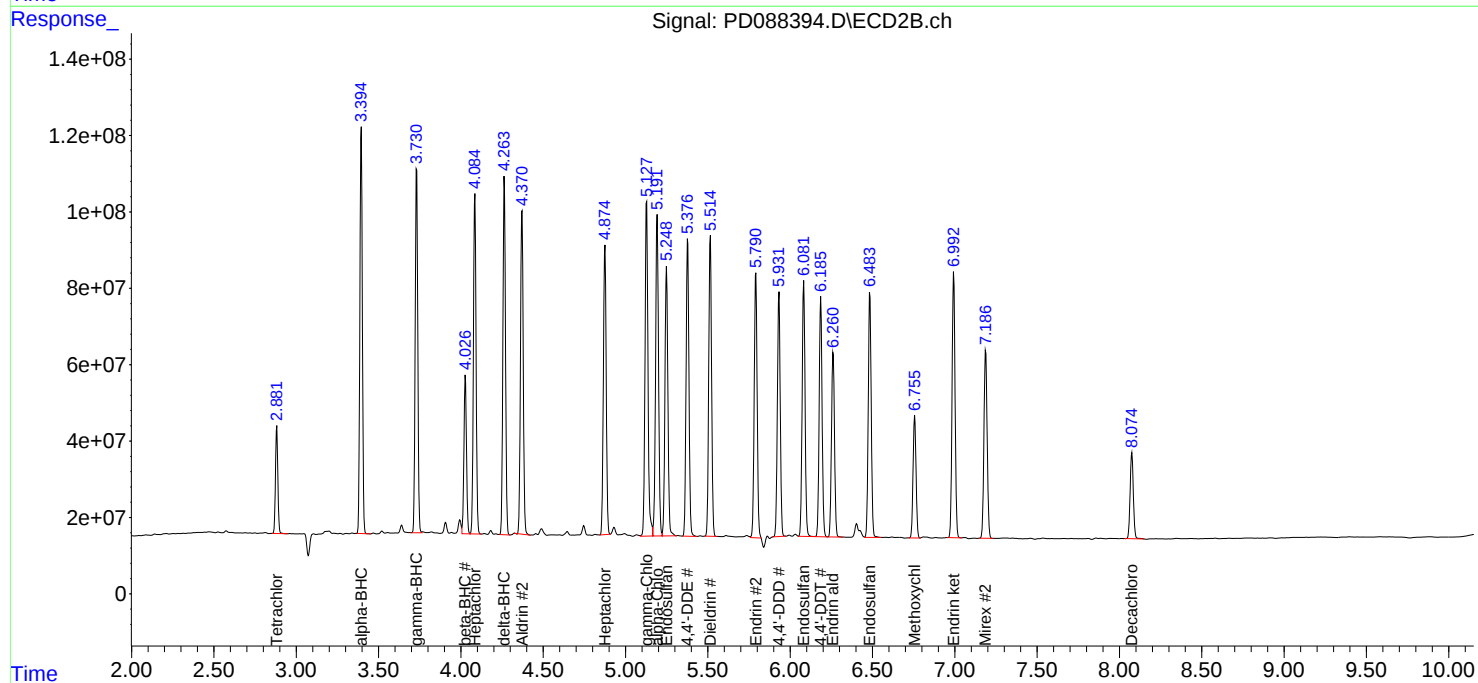
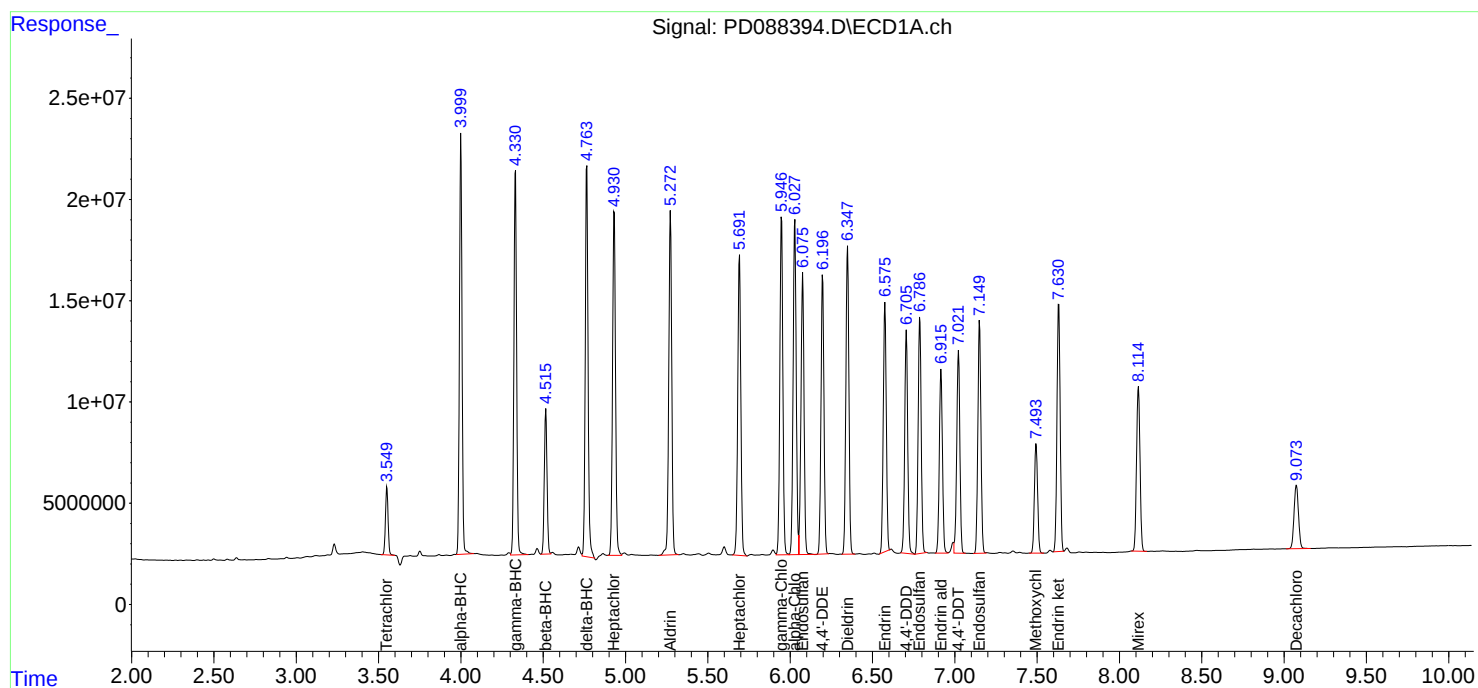
Instrument :
ECD_D
ClientSampleId :
MH-QMS

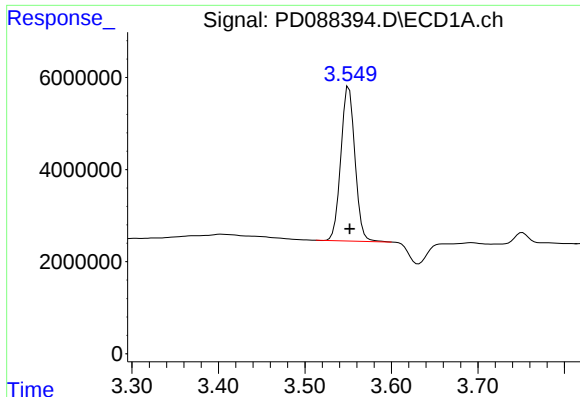
Manual Integrations
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Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 22:53:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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





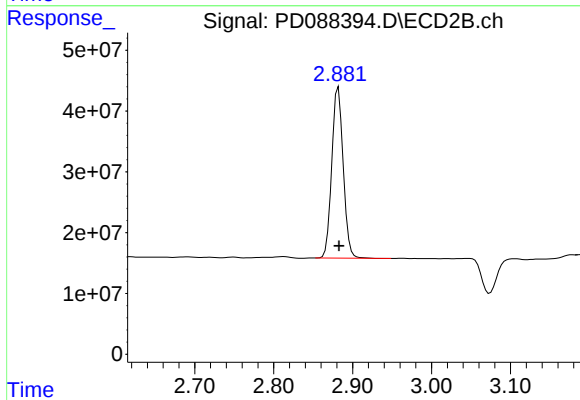
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 37708255
Conc: 18.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMS

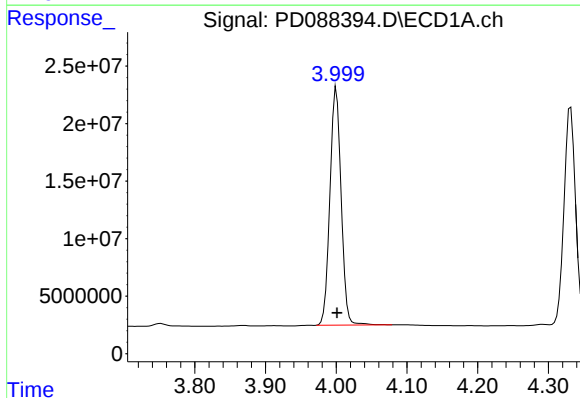
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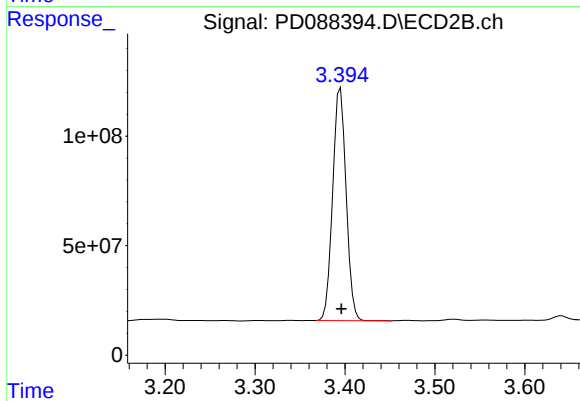
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 283198513
Conc: 19.37 ng/ml



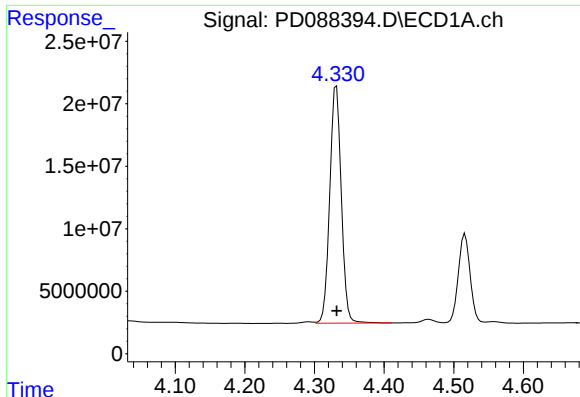
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 227532323
Conc: 52.77 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 1103608457
Conc: 48.27 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 219047159
Conc: 52.31 ng/ml

Instrument :

ECD_D

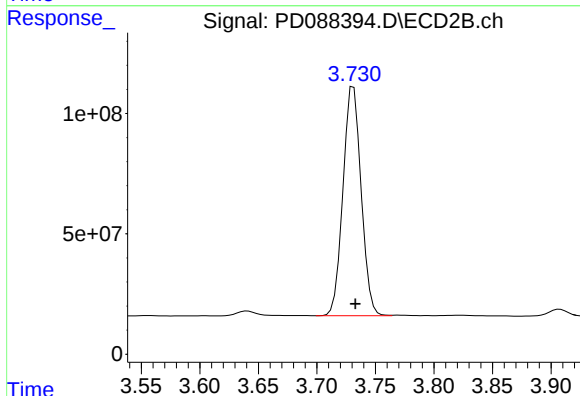
ClientSampleId :

MH-QMS

Manual Integrations

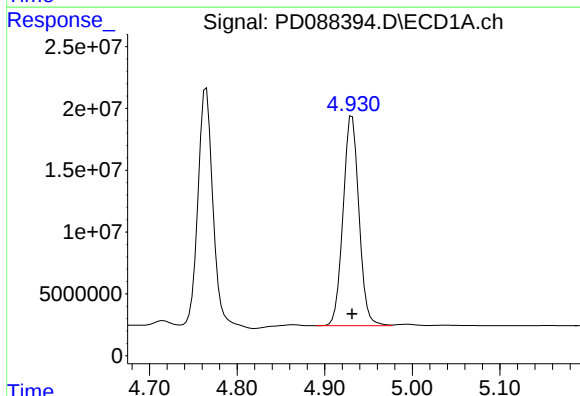
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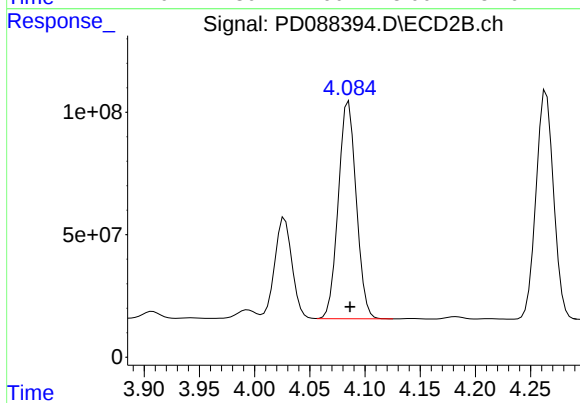
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 1026646836
Conc: 47.67 ng/ml



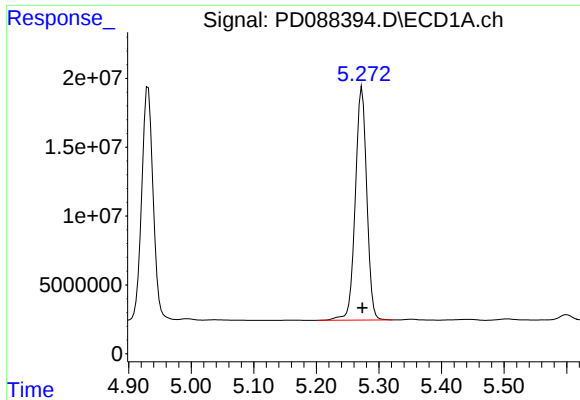
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 214032089
Conc: 52.99 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.001 min
Response: 1005043159
Conc: 46.97 ng/ml



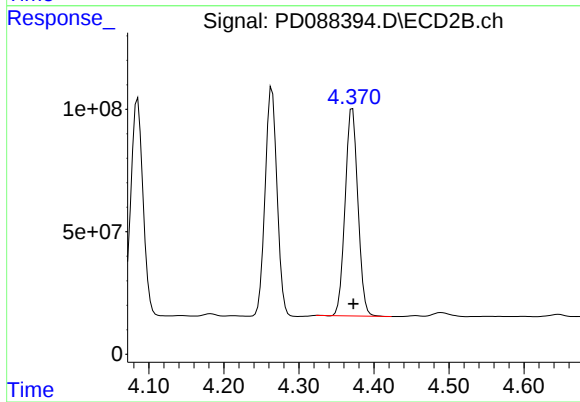
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 216260687
Conc: 54.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMS

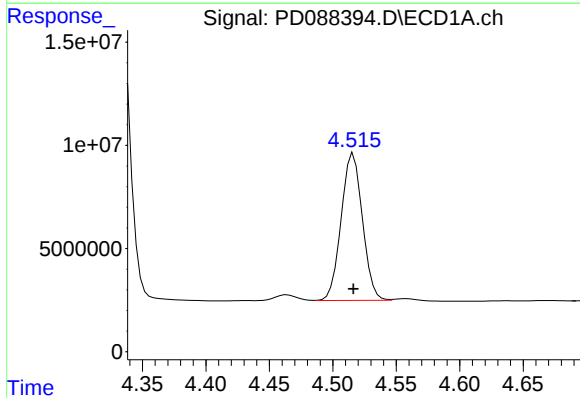
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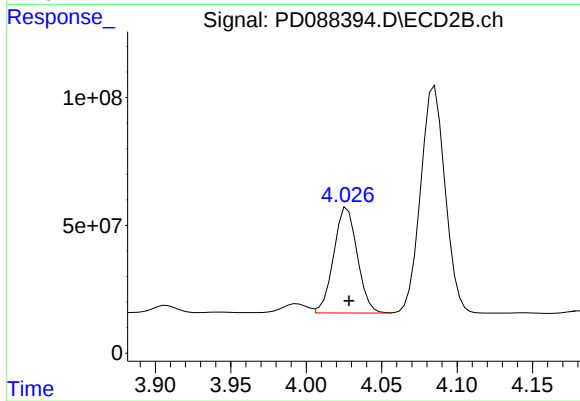
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 1002978182
Conc: 48.21 ng/ml



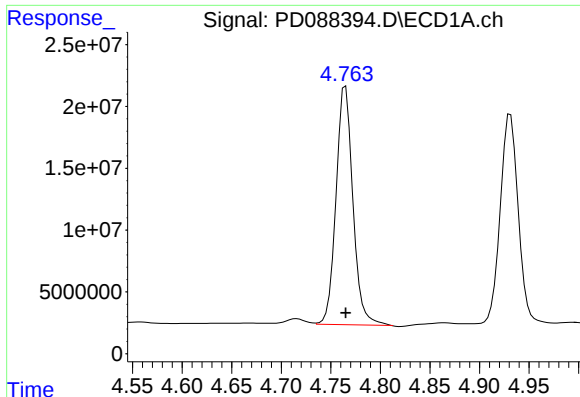
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 83015903
Conc: 51.14 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 449158085
Conc: 48.54 ng/ml



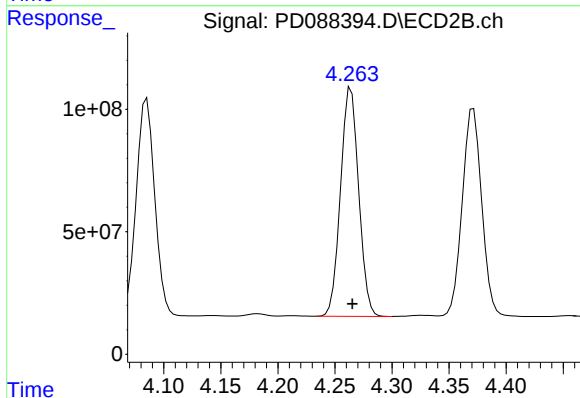
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 228346227
Conc: 55.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMS

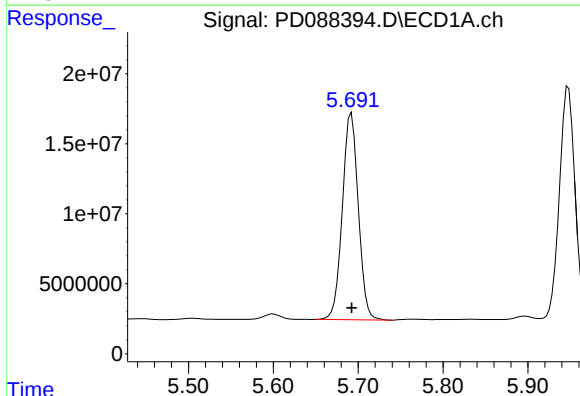
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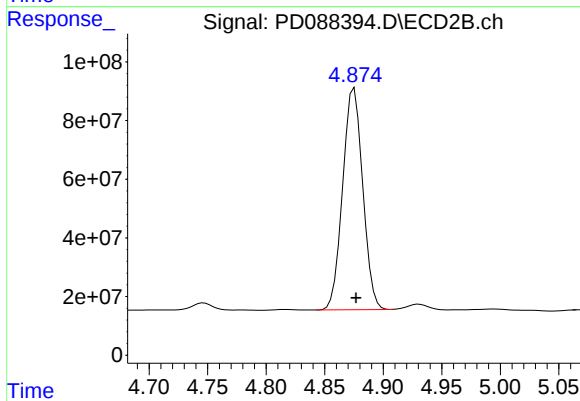
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 1033989617
Conc: 48.63 ng/ml



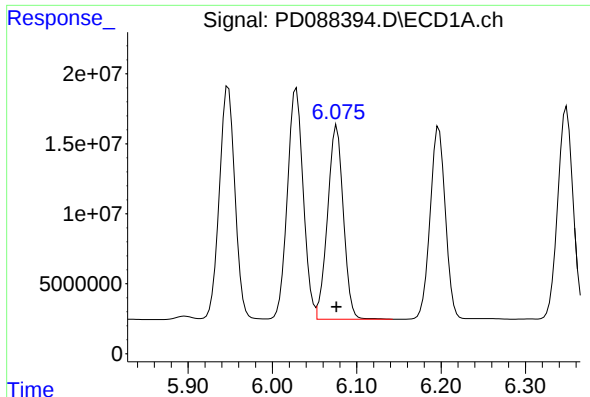
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 192758991
Conc: 53.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.001 min
Response: 901379971
Conc: 47.71 ng/ml



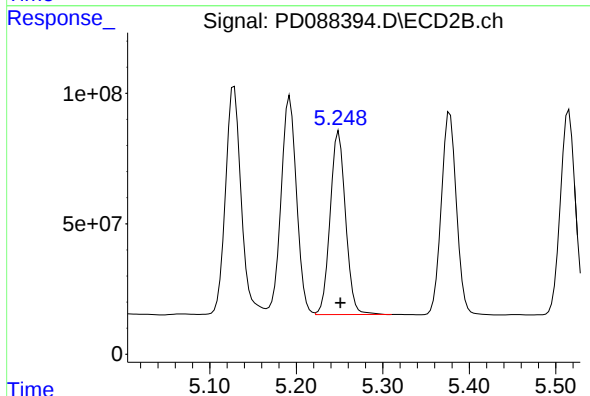
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 180543750
Conc: 53.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMS

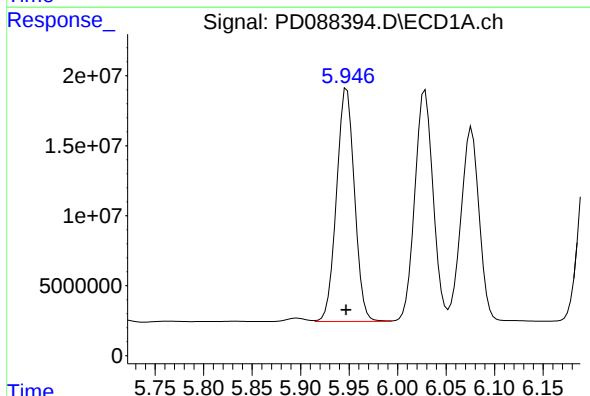
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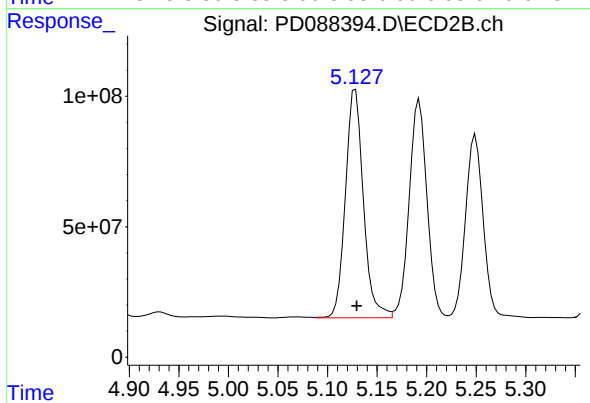
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 867686786
Conc: 48.17 ng/ml



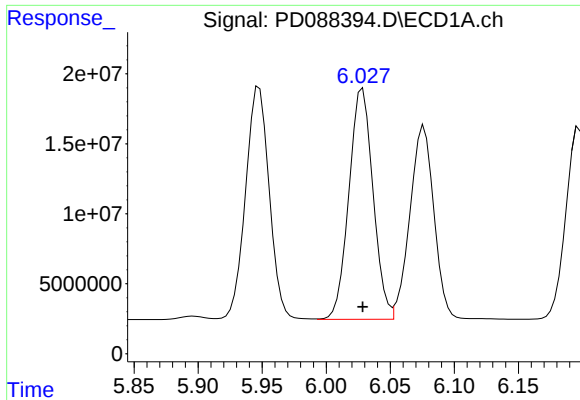
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 214354067
Conc: 59.18 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 1105351975
Conc: 54.46 ng/ml



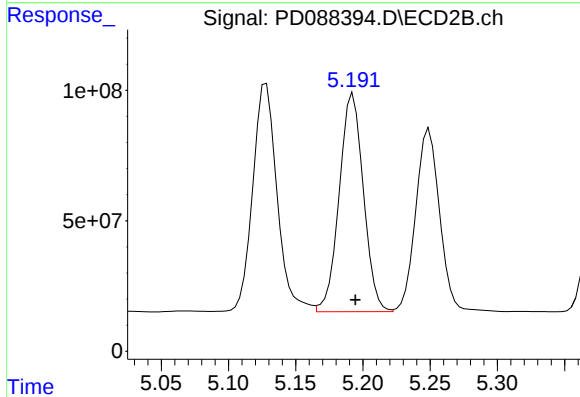
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 216219263
Conc: 59.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMS

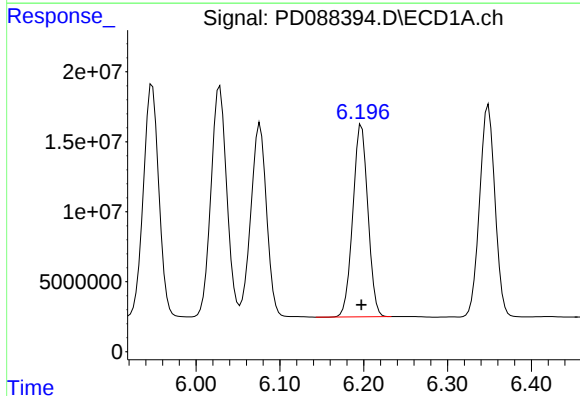
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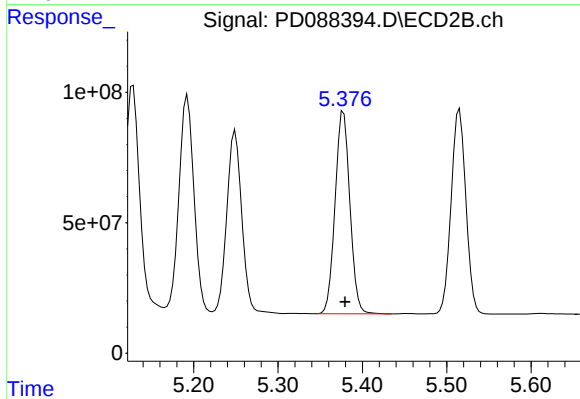
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 1044863337
Conc: 53.30 ng/ml



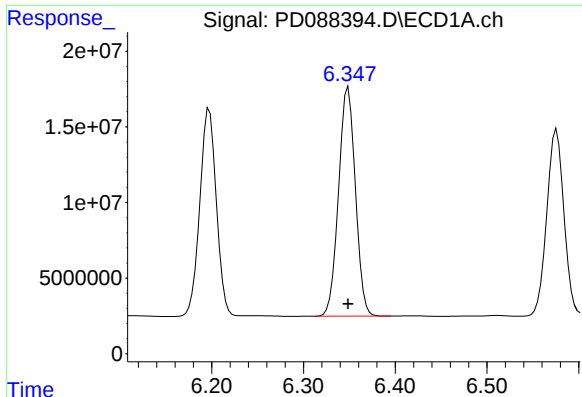
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 171637662
Conc: 52.04 ng/ml



#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 947130419
Conc: 48.09 ng/ml



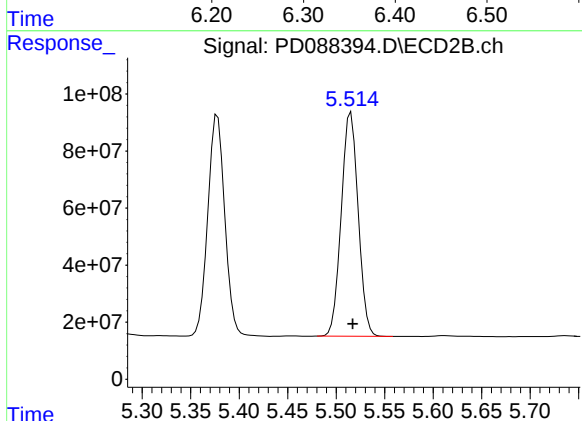
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 192672384
Conc: 53.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMS

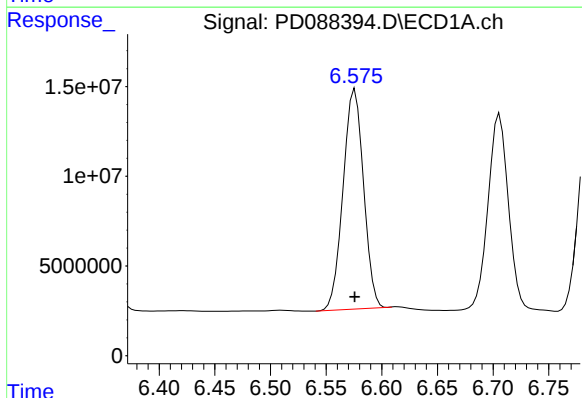
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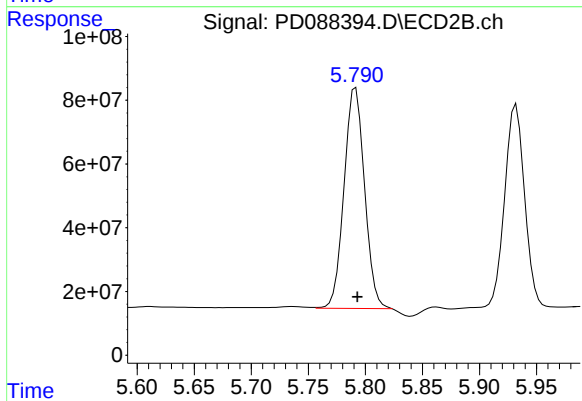
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 953191076
Conc: 47.82 ng/ml



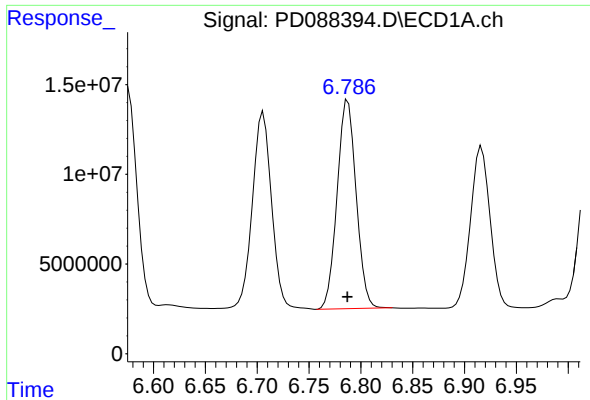
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 157260679
Conc: 52.73 ng/ml



#14 Endrin

R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 865728801
Conc: 47.56 ng/ml m



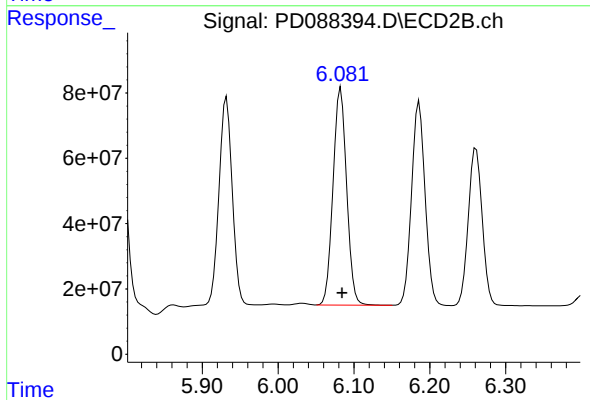
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 148555057
Conc: 47.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMS

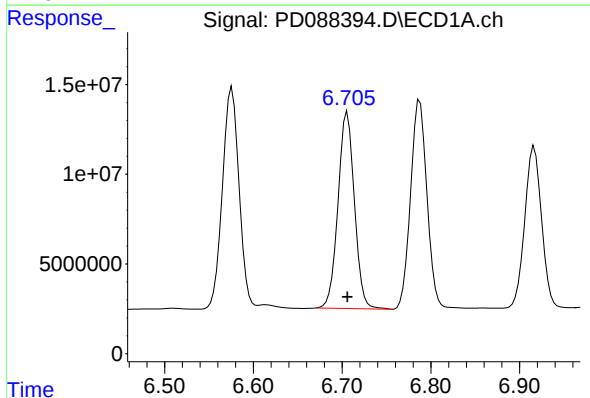
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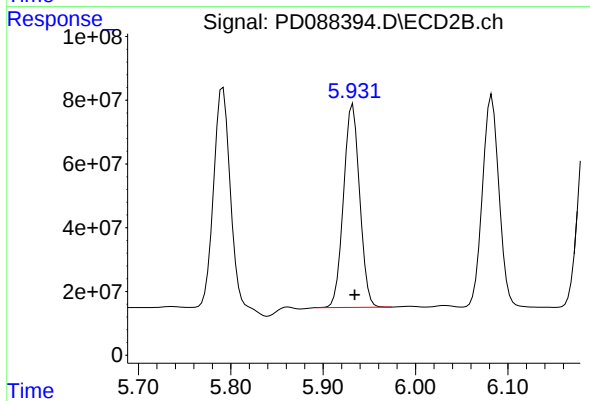
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 830863122
Conc: 47.42 ng/ml



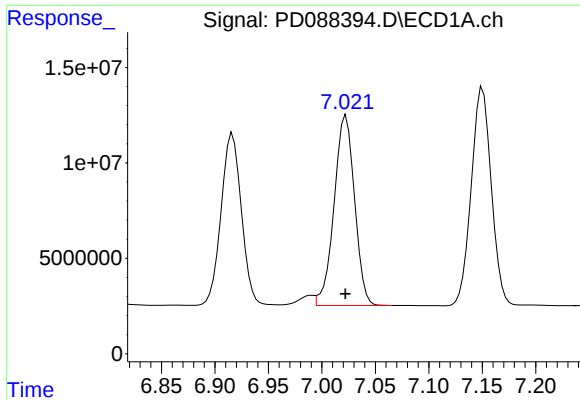
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 140600334
Conc: 55.91 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 773410699
Conc: 47.20 ng/ml



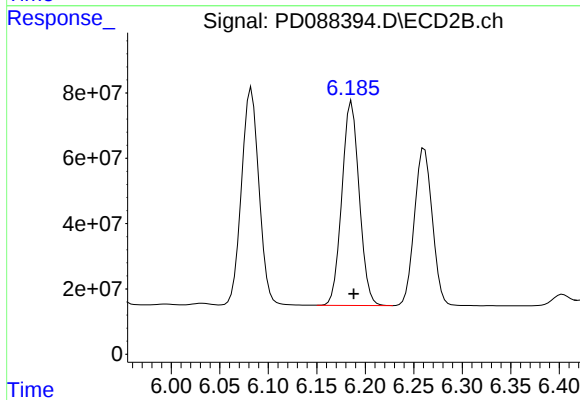
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 132390233
Conc: 47.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMS

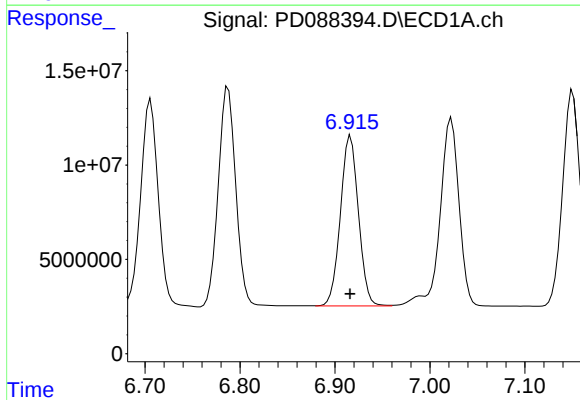
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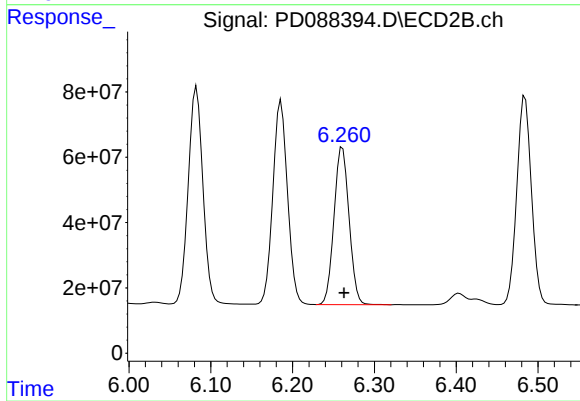
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 776035611
Conc: 45.60 ng/ml



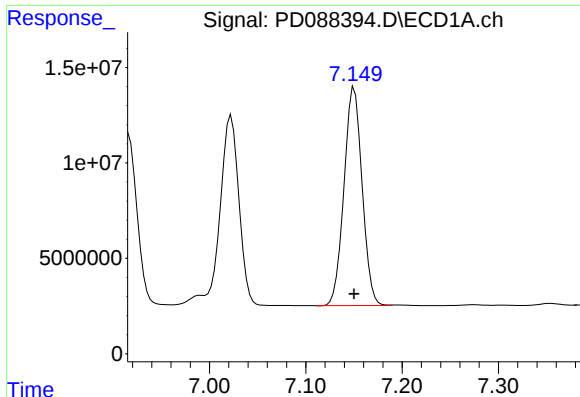
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 119134977
Conc: 51.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 616107484
Conc: 46.32 ng/ml



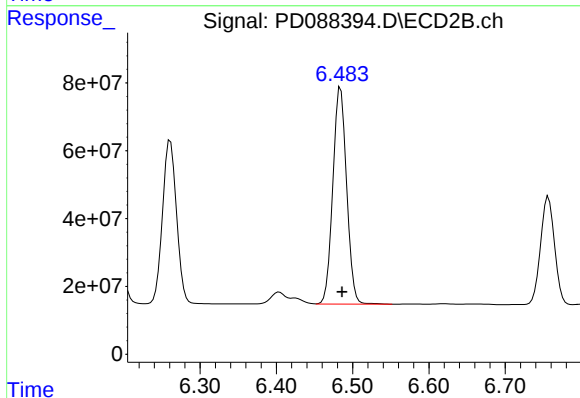
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 149036087
Conc: 51.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMS

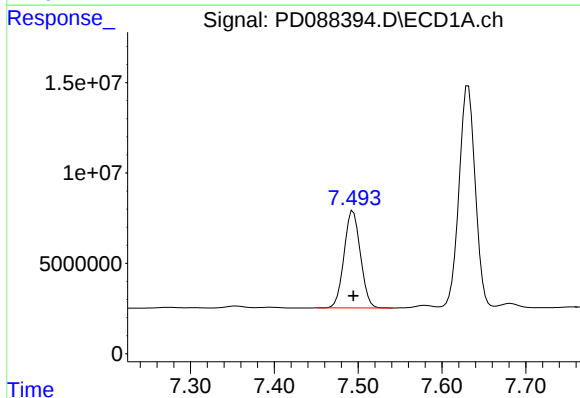
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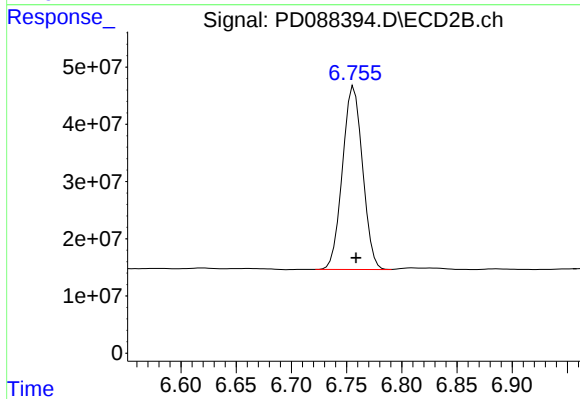
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 799682519
Conc: 46.67 ng/ml



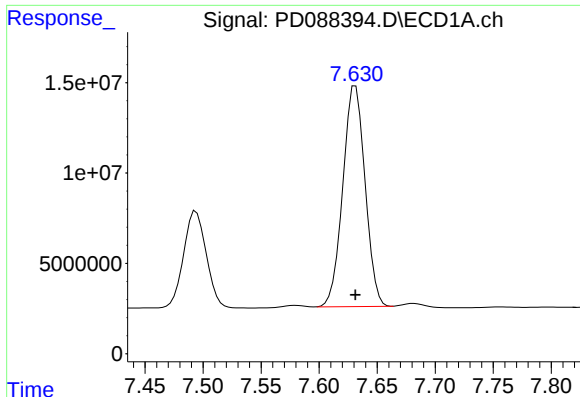
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 72877515
Conc: 48.60 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 405813211
Conc: 44.49 ng/ml



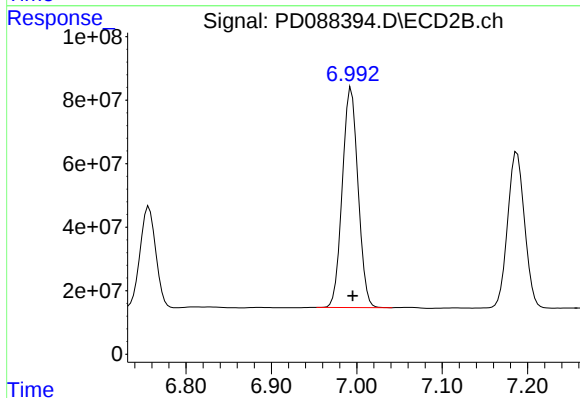
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 162806722
Conc: 52.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMS

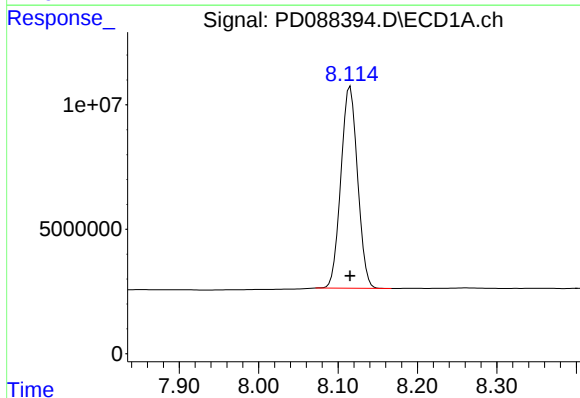
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



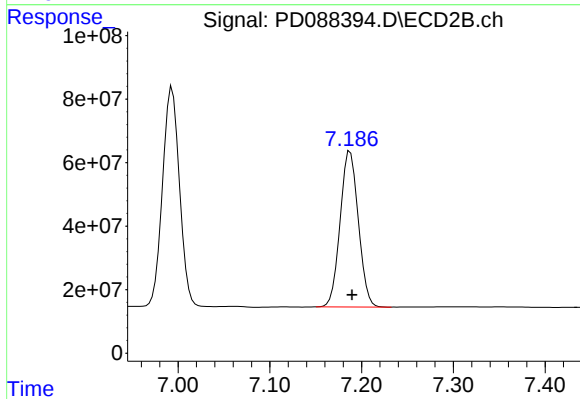
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 886235158
Conc: 47.38 ng/ml



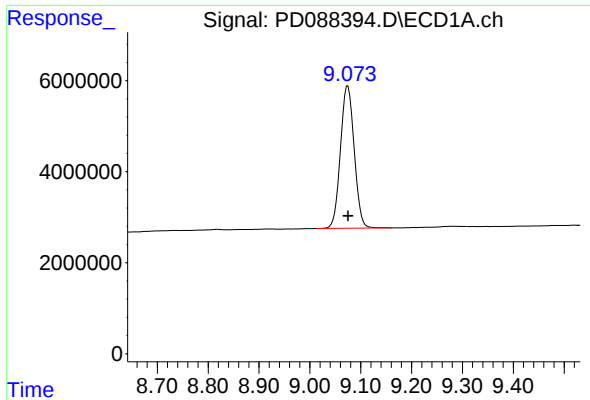
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 118578879
Conc: 50.50 ng/ml



#22 Mirex

R.T.: 7.188 min
Delta R.T.: -0.002 min
Response: 674848822
Conc: 45.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 58692703
Conc: 17.74 ng/ml

Instrument :

ECD_D

ClientSampleId :

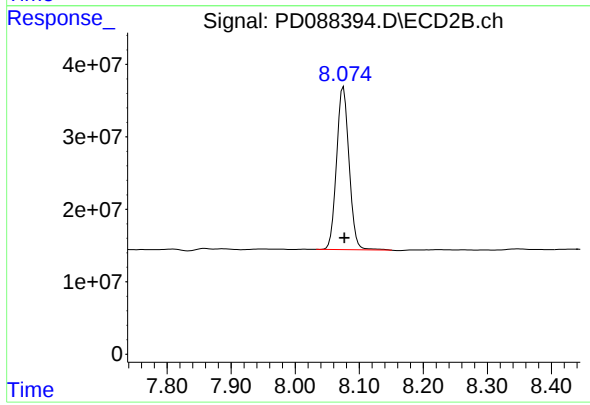
MH-QMS

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 305242944
Conc: 16.52 ng/ml