

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
 Data File : PD088201.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 11:27
 Operator : AR\AJ
 Sample : Q1842-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-714-COMP-09MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/23/2025
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 01:16:10 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...	3.552	2.883	23365785	180.0E6	11.698	12.307
28)	SA Decachlor...	9.077	8.077	32257076	178.4E6	9.751	9.654
Target Compounds							
2)	A alpha-BHC	4.001	3.396	201.2E6	1013.8E6	46.671	44.344
3)	MA gamma-BHC...	4.332	3.733	196.8E6	928.2E6	46.990	43.096
4)	MA Heptachlor	4.931	4.087	181.1E6	909.4E6	44.844	42.499
5)	MB Aldrin	5.274	4.373	183.5E6	898.1E6	46.462	43.171
6)	B beta-BHC	4.517	4.028	68185785	429.8E6	42.002	46.440
7)	B delta-BHC	4.765	4.265	192.2E6	923.7E6	46.590	43.443
8)	B Heptachlo...	5.693	4.876	160.5E6	812.6E6	44.899	43.005
9)	A Endosulfan I	6.077	5.251	158.2E6	717.0E6	46.832	39.805
10)	B gamma-Chl...	5.948	5.129	165.7E6	886.7E6	45.754	43.687
11)	B alpha-Chl...	6.029	5.194	164.2E6	854.4E6	45.479	43.583
12)	B 4,4'-DDE	6.198	5.378	147.9E6	904.7E6	44.839	45.939m
13)	MA Dieldrin	6.349	5.516	159.2E6	874.3E6	44.611	43.863
14)	MA Endrin	6.577	5.793	130.3E6	771.6E6	43.687	42.390
15)	B Endosulfa...	6.788	6.084	133.3E6	730.0E6	42.635	41.664
16)	A 4,4'-DDD	6.707	5.933	114.0E6	651.9E6	45.342	39.784
17)	MA 4,4'-DDT	7.022	6.187	115.8E6	678.6E6	41.677m	39.877
18)	B Endrin al...	6.917	6.262	96613597	520.0E6	41.861	39.093
19)	B Endosulfa...	7.151	6.486	121.3E6	703.5E6	42.163	41.060
20)	A Methoxychlor	7.494	6.758	58444469	337.0E6	38.975m	36.944
21)	B Endrin ke...	7.632	6.995	129.7E6	701.5E6	42.008	37.505
22)	Mirex	8.115	7.190	104.5E6	542.7E6	44.512m	36.620

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

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Data File : PD088201.D
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Acq On : 22 Apr 2025 11:27
Operator : AR\AJ
Sample : Q1842-07MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

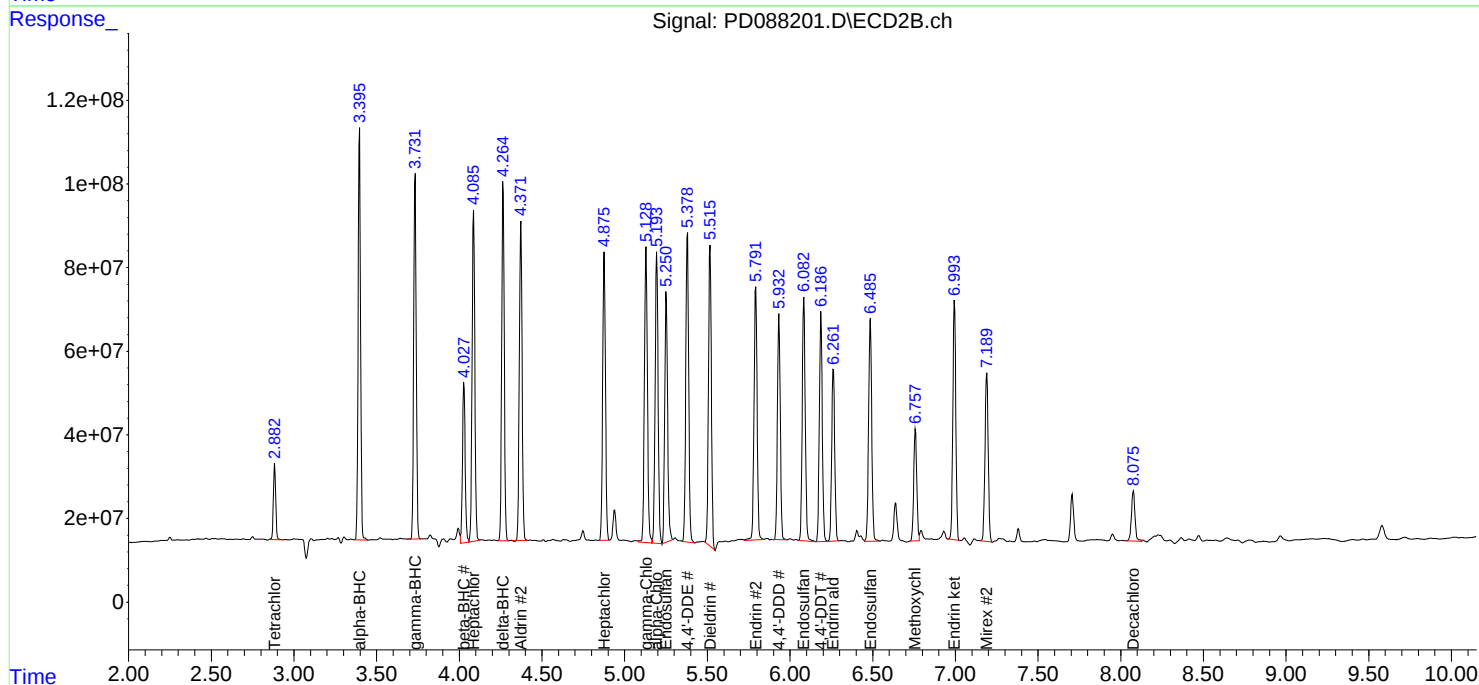
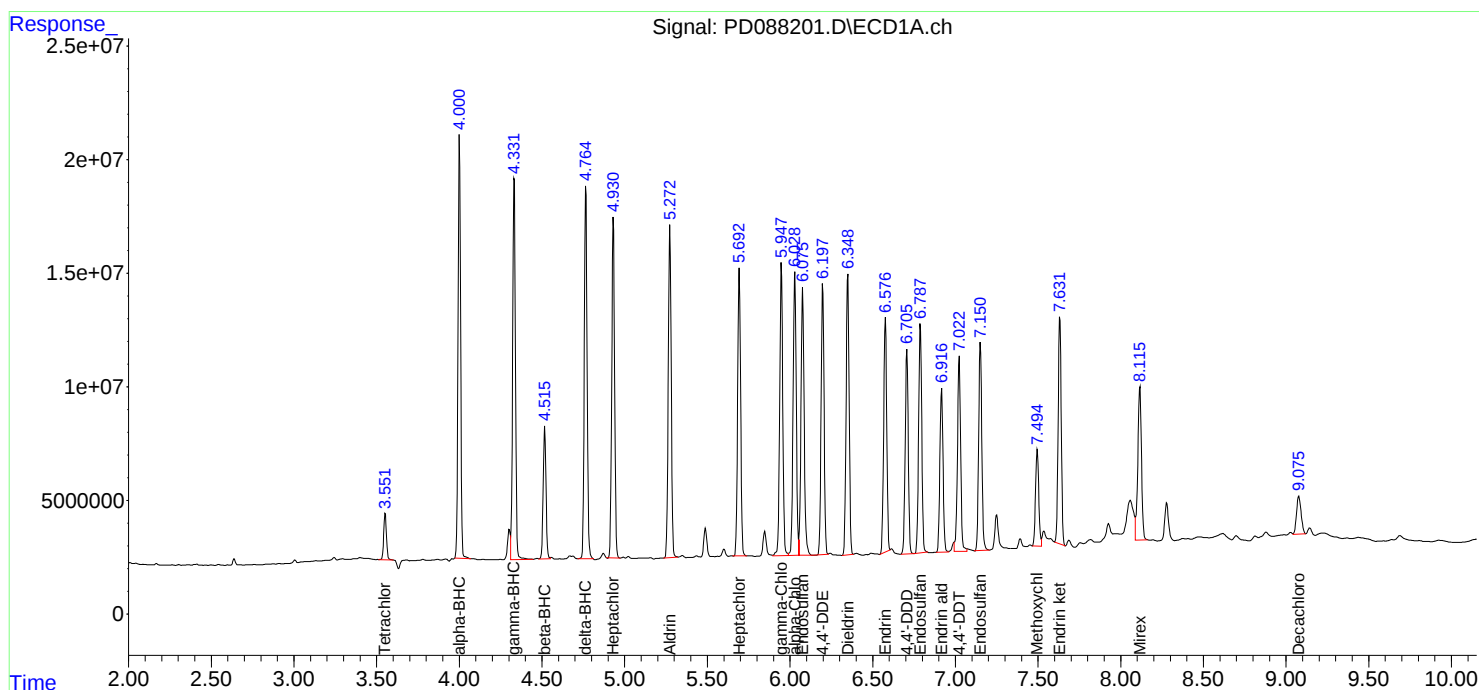
Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-09MS

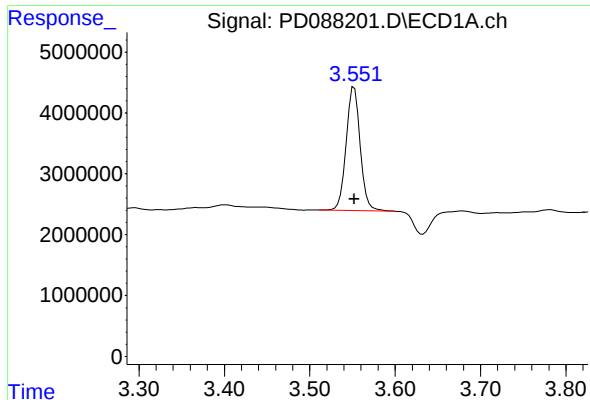
Manual Integrations
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Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:16:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





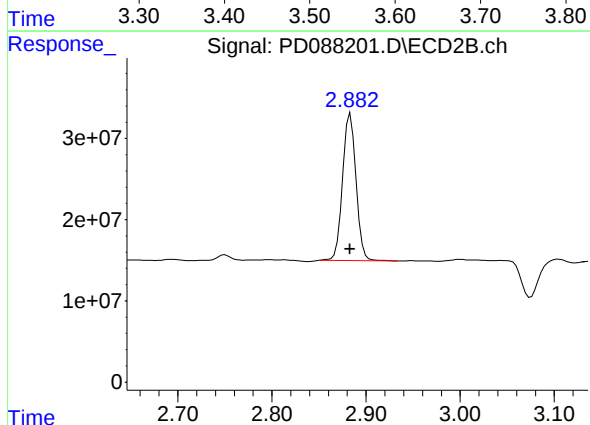
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 23365785
Conc: 11.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-09MS

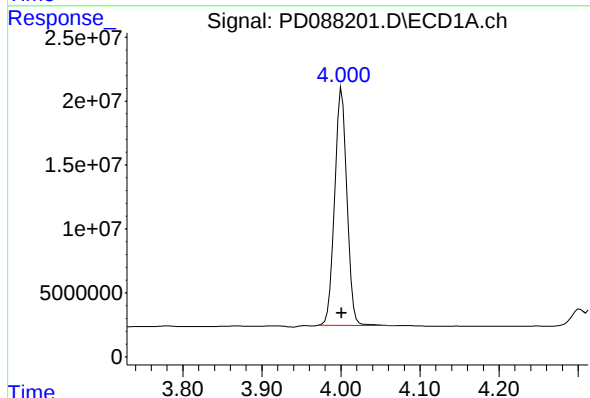
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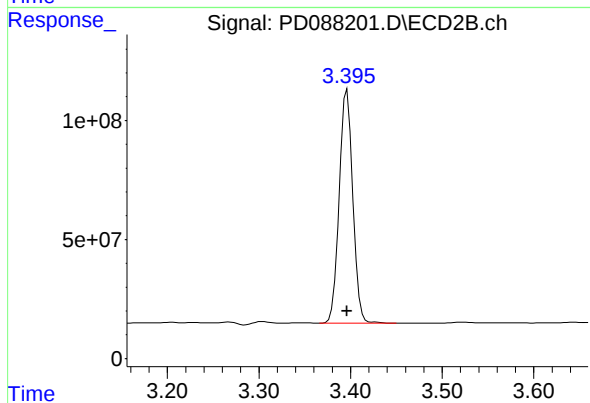
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 179954371
Conc: 12.31 ng/ml



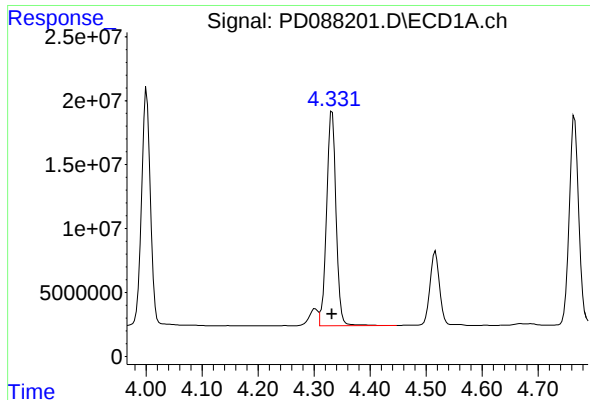
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 201244594
Conc: 46.67 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 1013769953
Conc: 44.34 ng/ml



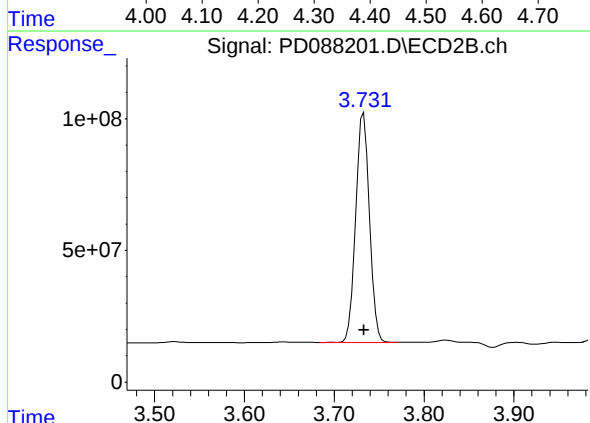
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 196769165
Conc: 46.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-09MS

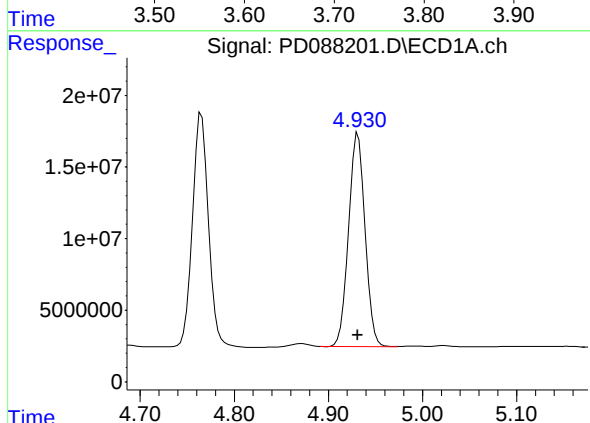
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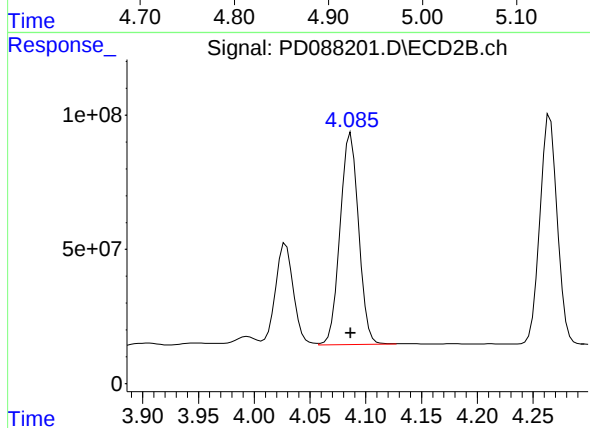
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 928234195
Conc: 43.10 ng/ml



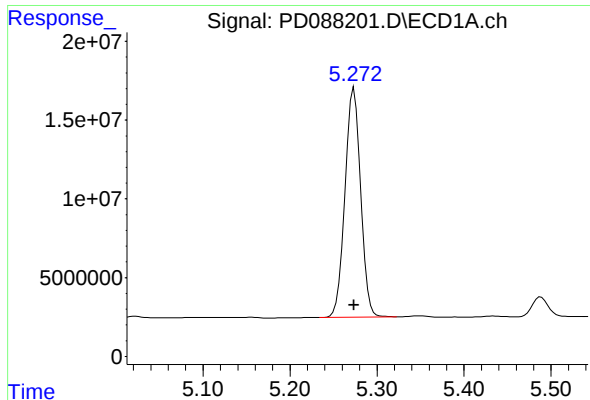
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 181120955
Conc: 44.84 ng/ml



#4 Heptachlor

R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 909397548
Conc: 42.50 ng/ml



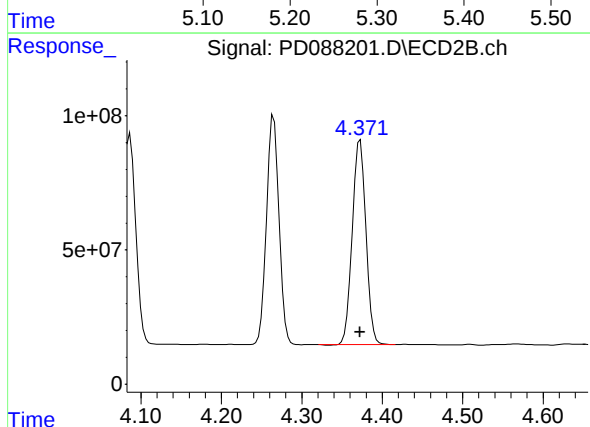
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 183504761
Conc: 46.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
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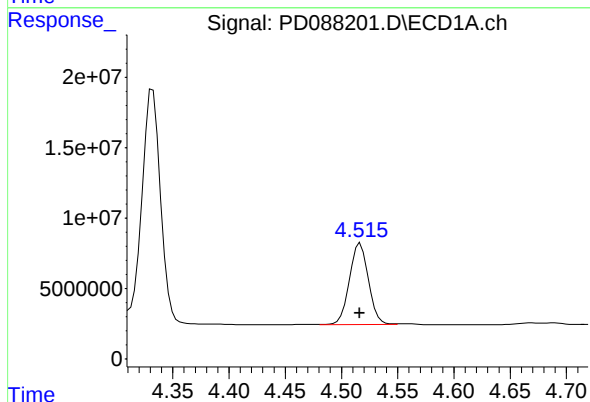
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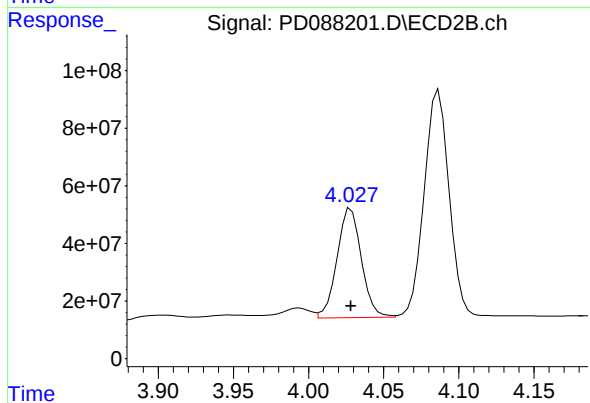
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 898085301
Conc: 43.17 ng/ml



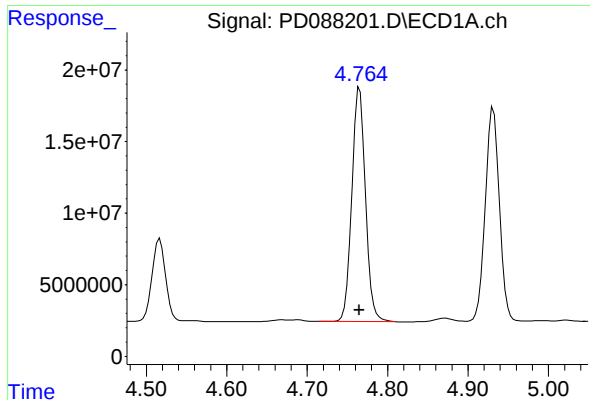
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 68185785
Conc: 42.00 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 429764419
Conc: 46.44 ng/ml



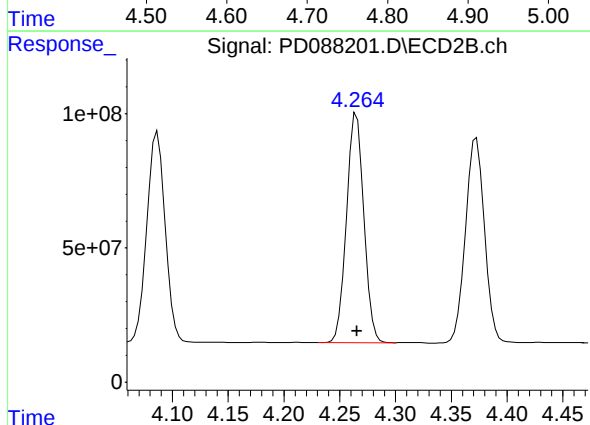
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 192182148
Conc: 46.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-09MS

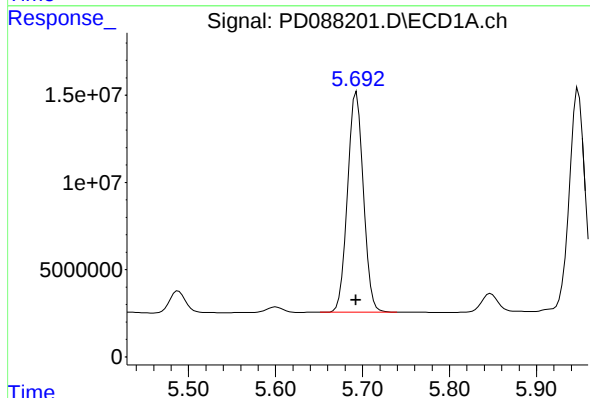
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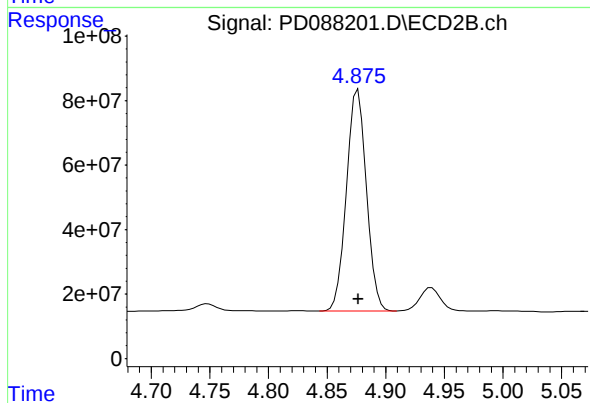
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 923656286
Conc: 43.44 ng/ml



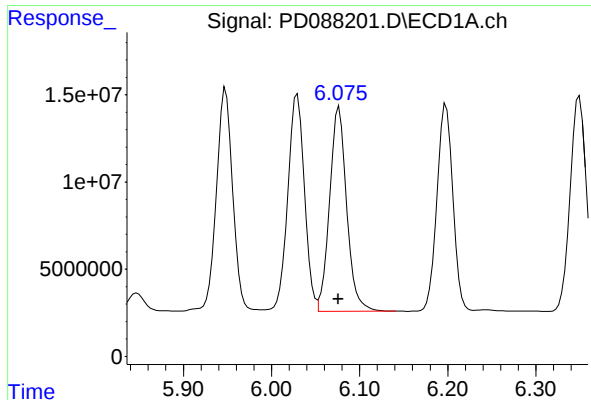
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 160465824
Conc: 44.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 812550076
Conc: 43.01 ng/ml



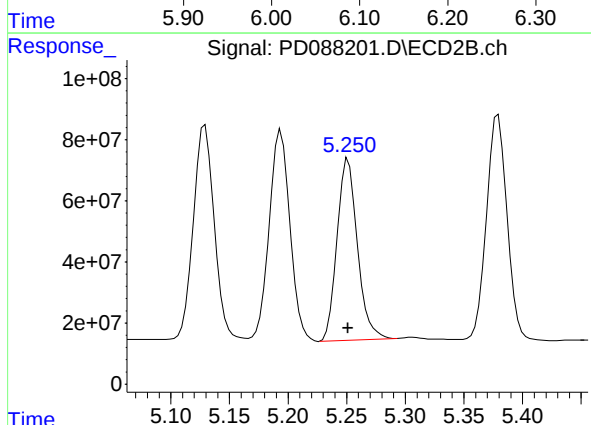
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 158159263
Conc: 46.83 ng/ml

Instrument :
ECD_D
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PL-714-COMP-09MS

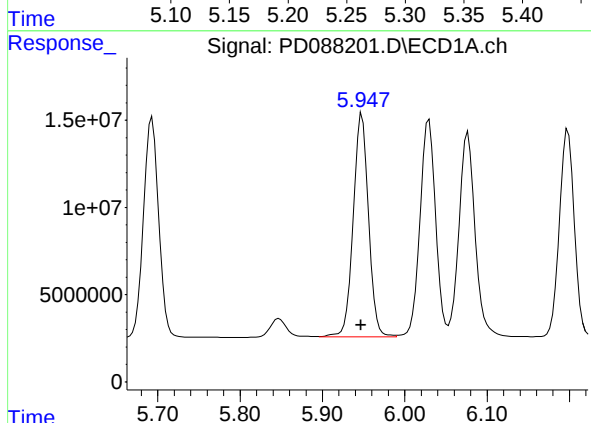
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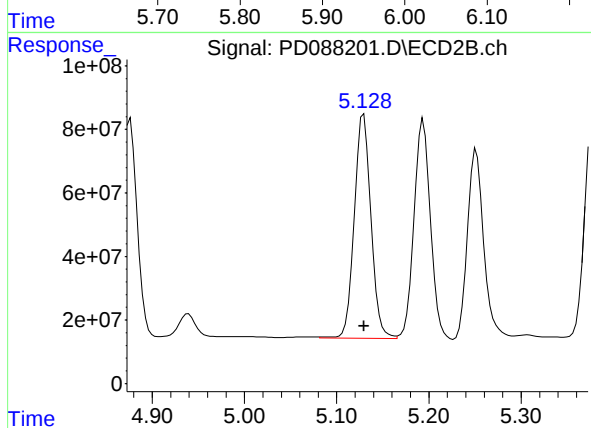
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 716978555
Conc: 39.80 ng/ml



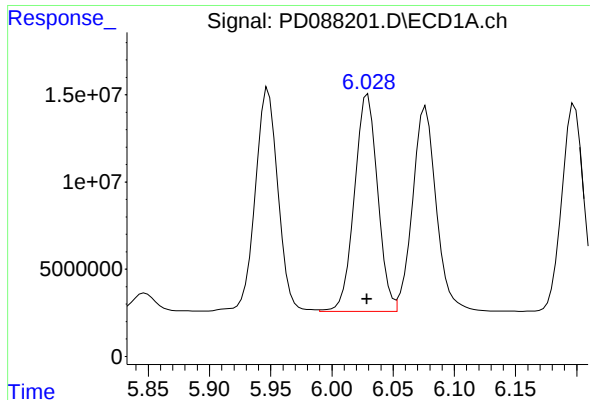
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 165722587
Conc: 45.75 ng/ml



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 886662311
Conc: 43.69 ng/ml



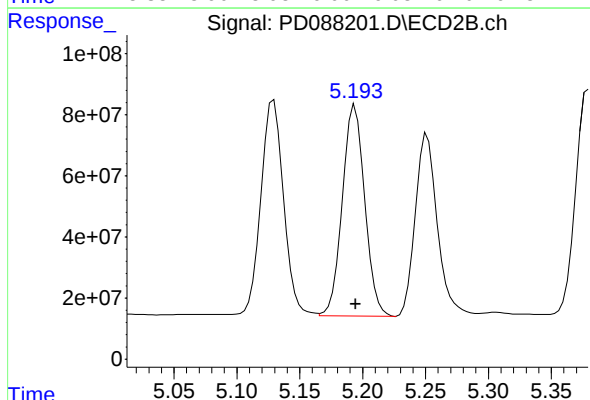
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 164159894
Conc: 45.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-09MS

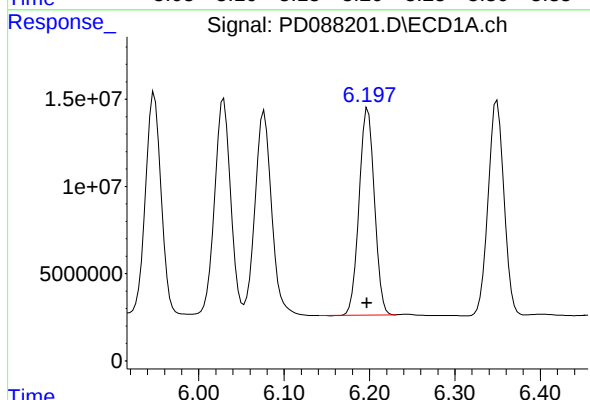
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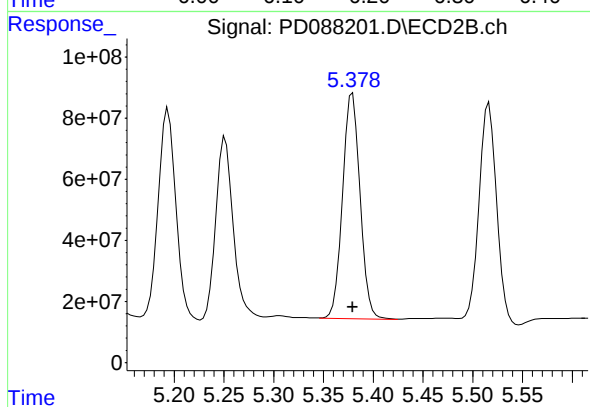
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 854351690
Conc: 43.58 ng/ml



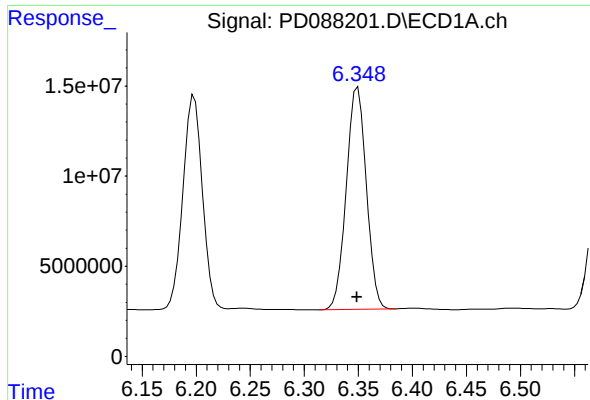
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.001 min
Response: 147891291
Conc: 44.84 ng/ml



#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 904722178
Conc: 45.94 ng/ml m



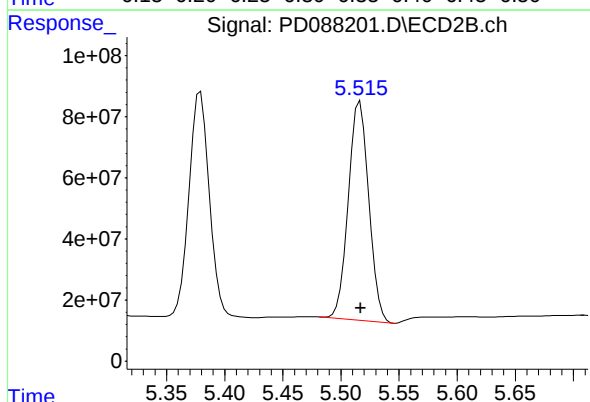
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 159194193
Conc: 44.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
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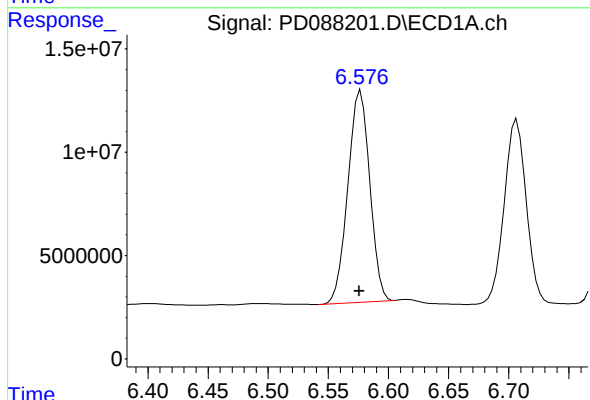
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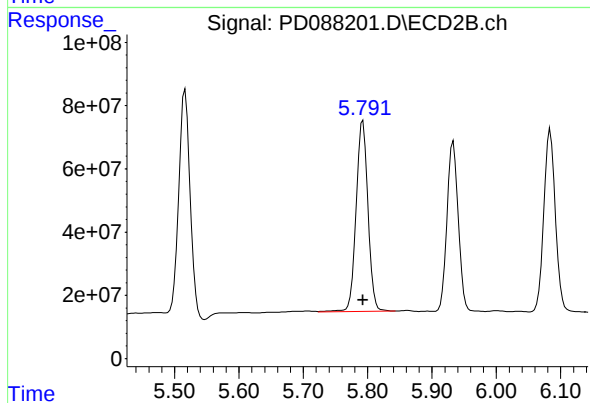
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 874322754
Conc: 43.86 ng/ml



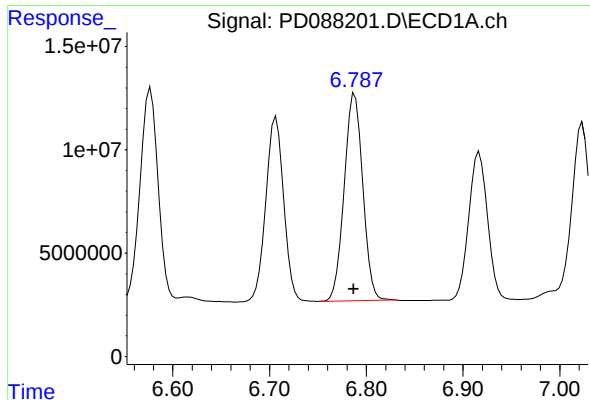
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.001 min
Response: 130299670
Conc: 43.69 ng/ml



#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 771590128
Conc: 42.39 ng/ml



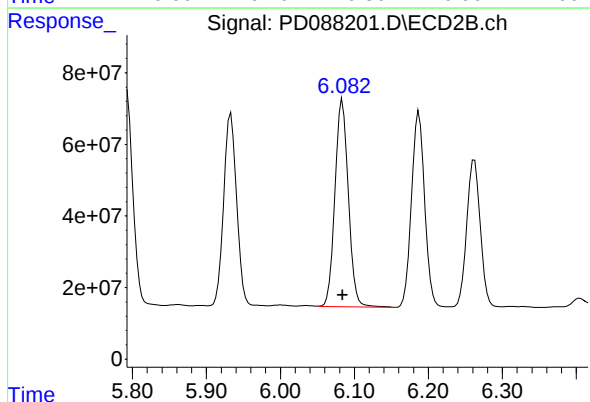
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.001 min
Response: 133287580
Conc: 42.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
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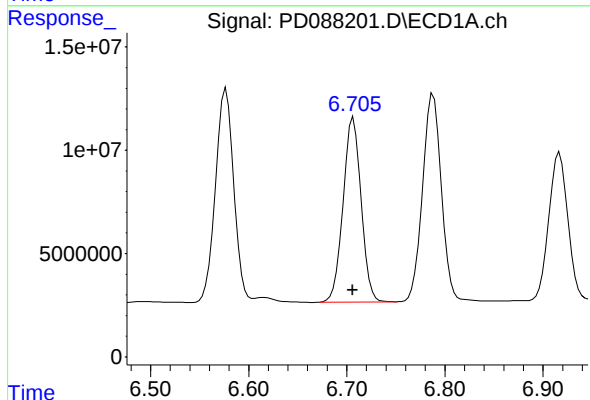
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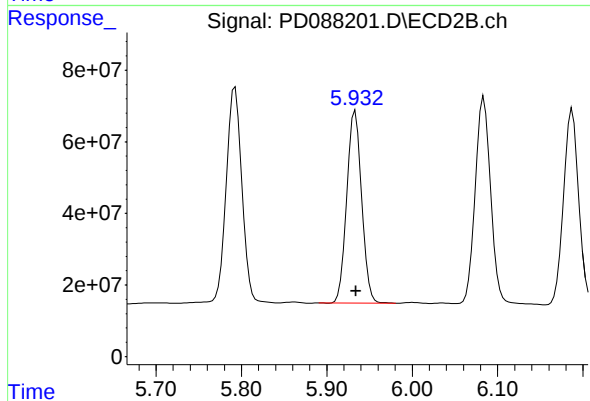
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 730025509
Conc: 41.66 ng/ml



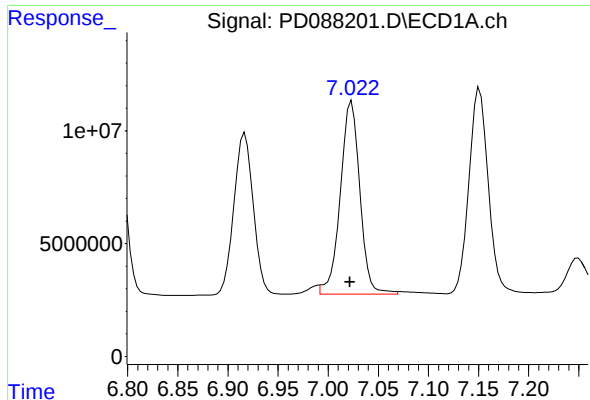
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 114034360
Conc: 45.34 ng/ml



#16 4,4'-DDD

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 651900991
Conc: 39.78 ng/ml



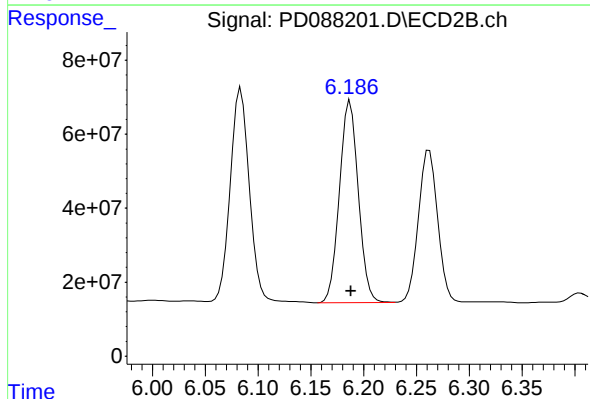
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 115760659
Conc: 41.68 ng/ml

Instrument :
ECD_D
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PL-714-COMP-09MS

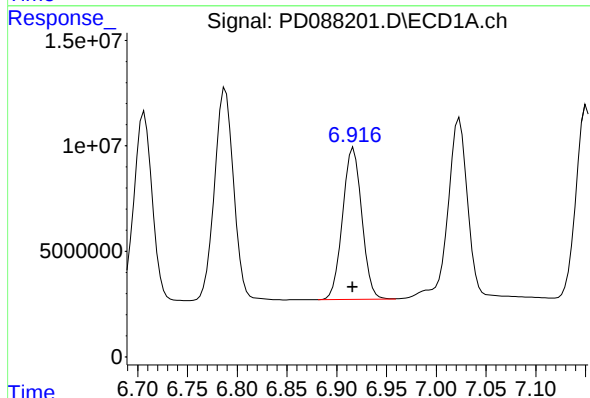
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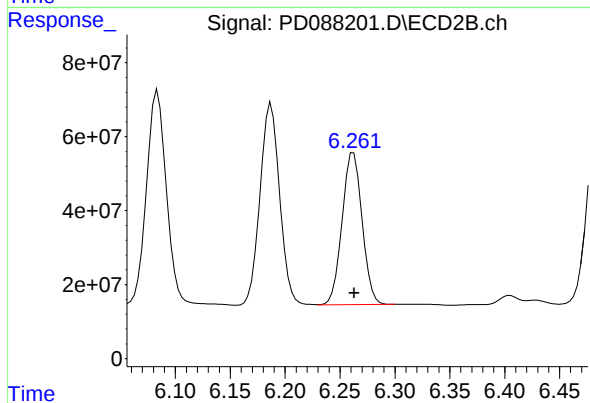
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 678559452
Conc: 39.88 ng/ml



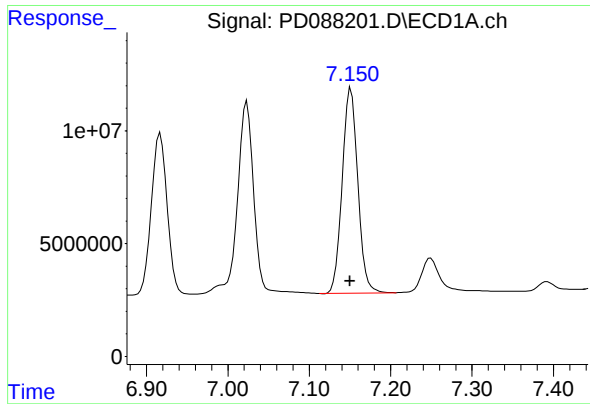
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 96613597
Conc: 41.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 519980920
Conc: 39.09 ng/ml



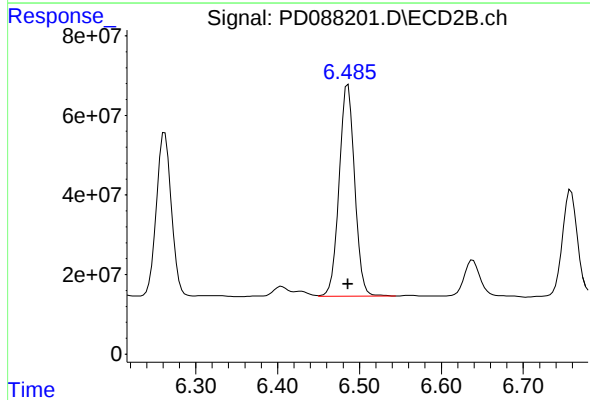
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 121254598
Conc: 42.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
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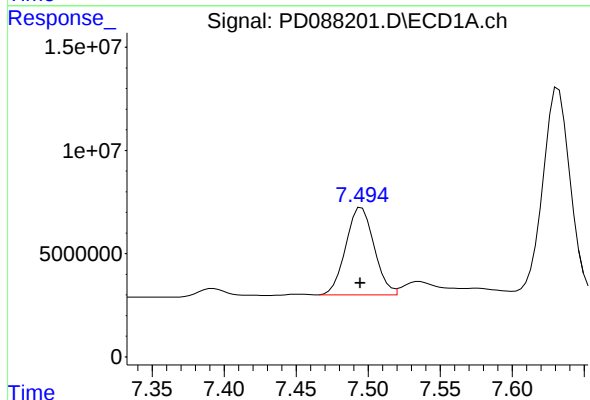
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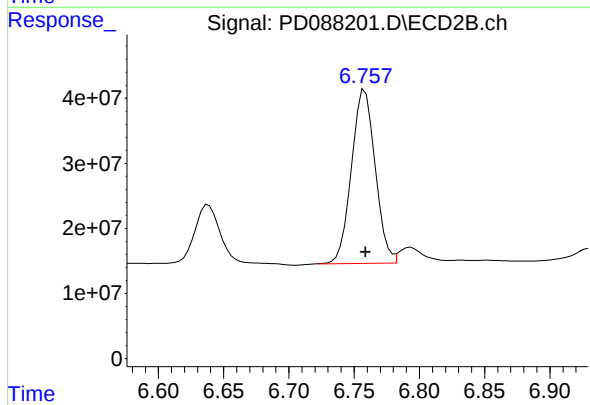
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 703489794
Conc: 41.06 ng/ml



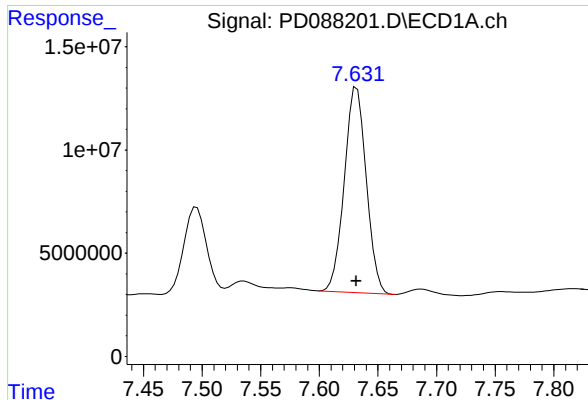
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 58444469
Conc: 38.97 ng/ml m



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 336964691
Conc: 36.94 ng/ml



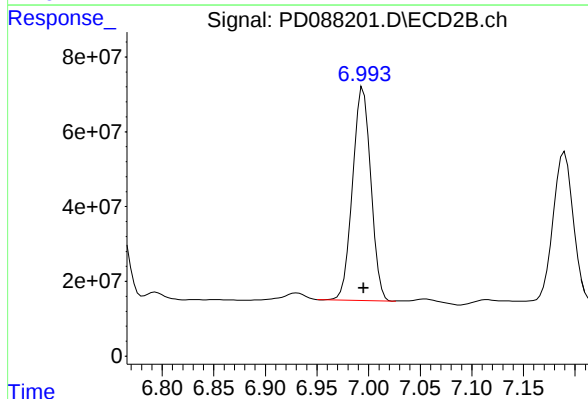
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 129662408
Conc: 42.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-09MS

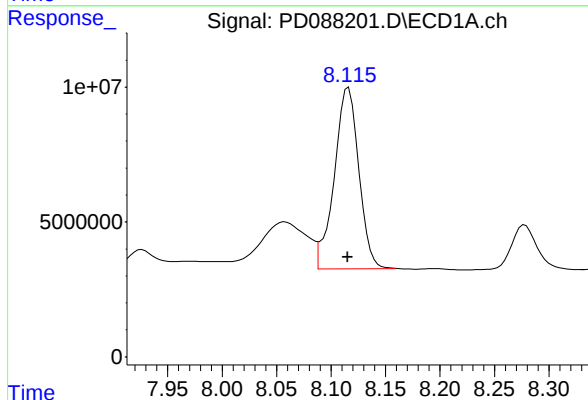
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



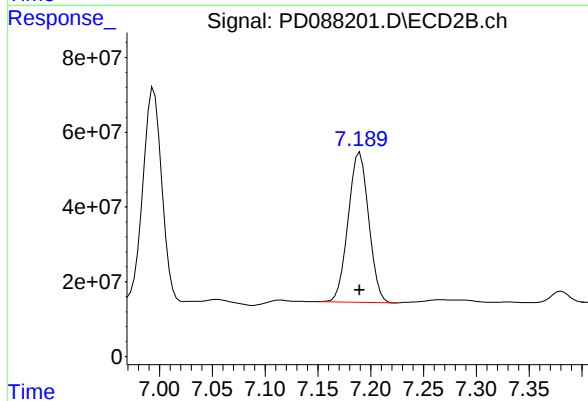
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 701496585
Conc: 37.51 ng/ml



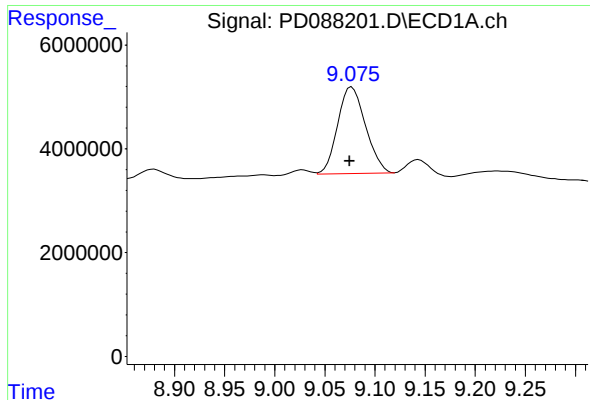
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 104527619
Conc: 44.51 ng/ml m



#22 Mirex

R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 542740909
Conc: 36.62 ng/ml



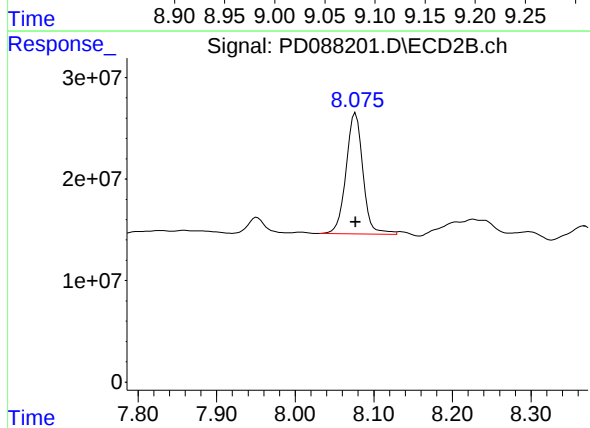
#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.002 min
Response: 32257076
Conc: 9.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-09MS

Manual Integrations
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Supervised By :mohammad ahmed 04/24/2025



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 178402626
Conc: 9.65 ng/ml