

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
 Data File : PD088220.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 17:05
 Operator : AR\AJ
 Sample : Q1842-06MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-714-COMP-08MS

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 01:19:55 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 x 0.5 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	2.884	36716095	257.2E6	18.382	17.588
28) SA Decachlor...	9.076	8.077	62780915	321.3E6	18.978	17.388
Target Compounds						
2) A alpha-BHC	4.001	3.397	231.6E6	1102.4E6	53.717	48.221
3) MA gamma-BHC...	4.333	3.733	223.8E6	1017.2E6	53.450	47.228
4) MA Heptachlor	4.932	4.086	205.1E6	973.9E6	50.778	45.514
5) MB Aldrin	5.274	4.373	202.7E6	969.5E6	51.334	46.606
6) B beta-BHC	4.517	4.028	85633641	449.8E6	52.750	48.605
7) B delta-BHC	4.765	4.265	233.5E6	1049.4E6	56.618	49.358
8) B Heptachlo...	5.693	4.876	188.4E6	915.5E6	52.717	48.454
9) A Endosulfan I	6.077	5.250	178.3E6	861.4E6	52.793	47.823
10) B gamma-Chl...	5.948	5.129	189.2E6	976.5E6	52.225	48.111
11) B alpha-Chl...	6.029	5.194	188.0E6	934.9E6	52.071	47.692
12) B 4,4'-DDE	6.198	5.379	169.5E6	935.6E6	51.383	47.507
13) MA Dieldrin	6.350	5.515	189.3E6	959.9E6	53.060	48.157m
14) MA Endrin	6.577	5.793	153.9E6	866.1E6	51.601	47.584
15) B Endosulfa...	6.789	6.084	159.3E6	853.6E6	50.969	48.716
16) A 4,4'-DDD	6.707	5.934	133.2E6	797.2E6	52.963	48.650
17) MA 4,4'-DDT	7.024	6.188	130.6E6	765.7E6	47.009	44.999
18) B Endrin al...	6.917	6.263	120.9E6	635.4E6	52.397	47.773
19) B Endosulfa...	7.152	6.486	148.1E6	803.0E6	51.494	46.868
20) A Methoxychlor	7.495	6.759	69633257	399.5E6	46.436	43.799
21) B Endrin ke...	7.632	6.996	158.3E6	861.7E6	51.284	46.069
22) Mirex	8.117	7.190	112.7E6	646.9E6	48.010	43.646

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
Data File : PD088220.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:05
Operator : AR\AJ
Sample : Q1842-06MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

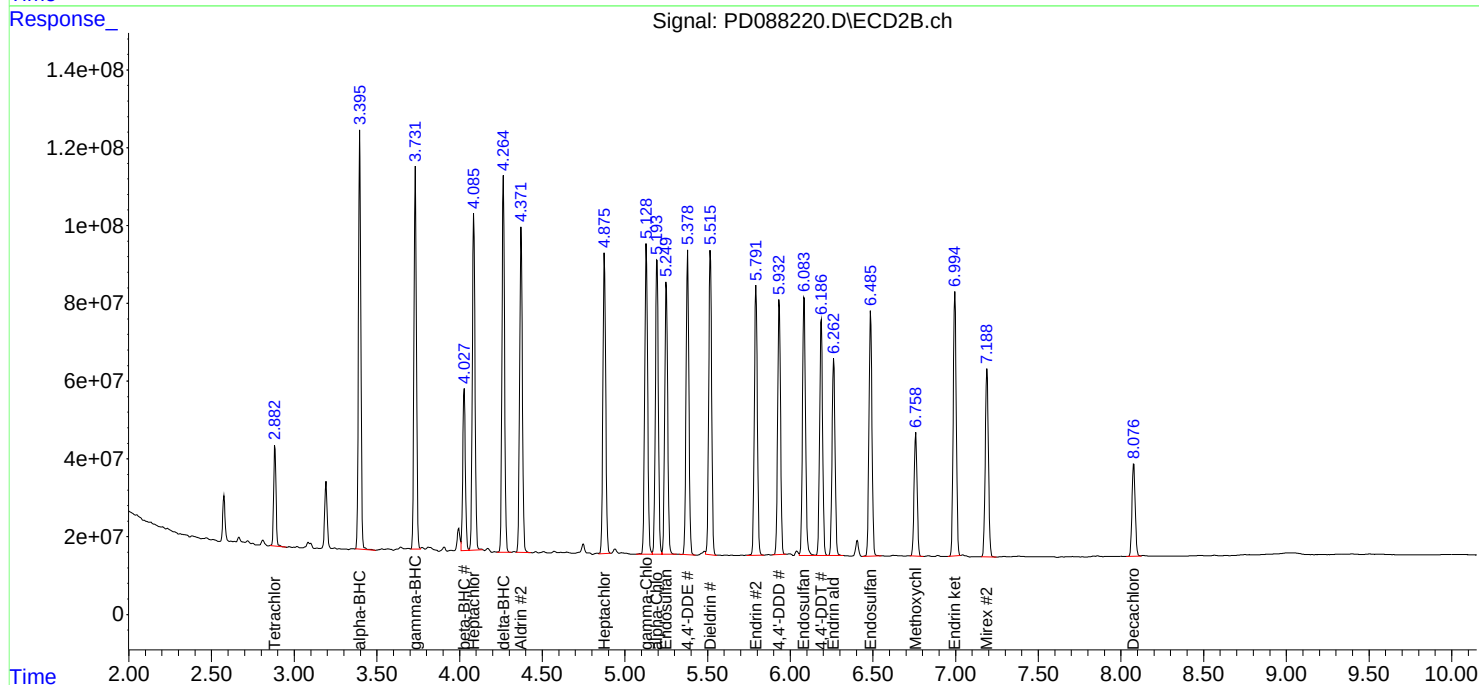
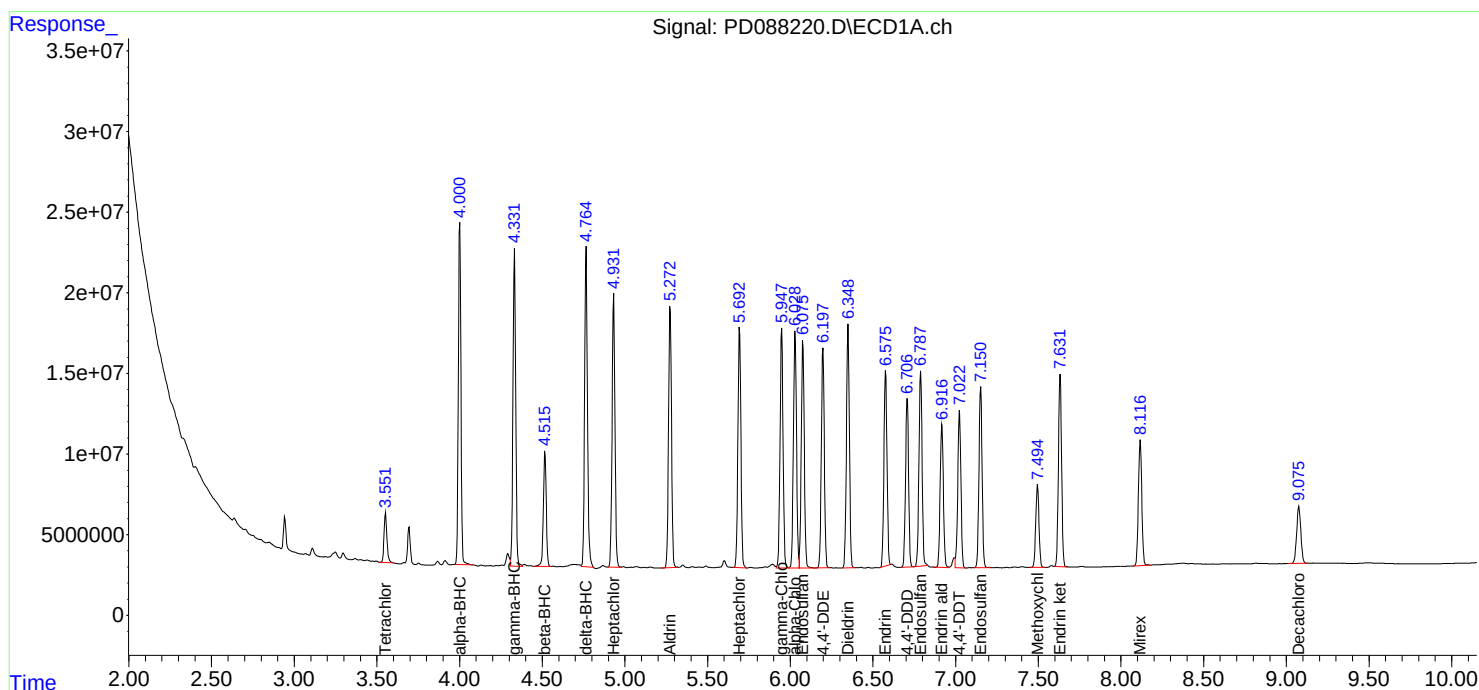
Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MS

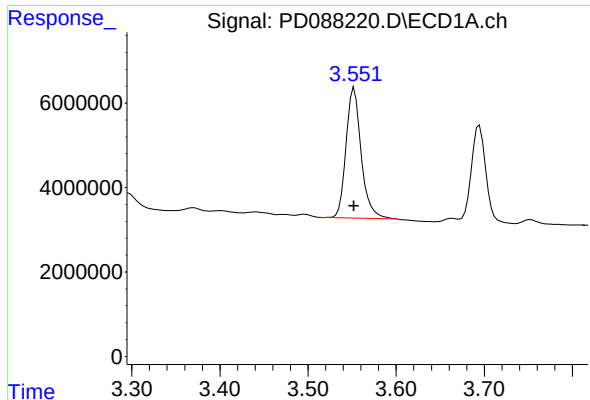
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:19:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





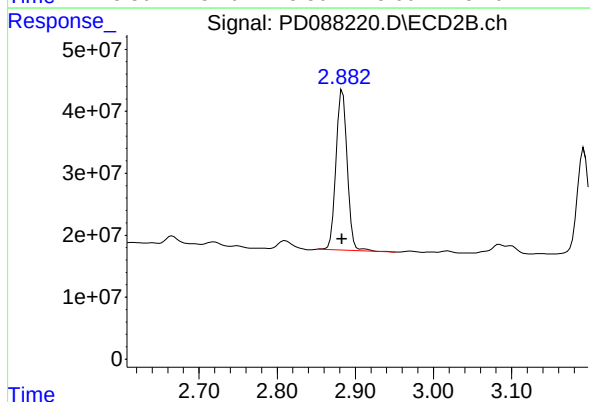
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 36716095
Conc: 18.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MS

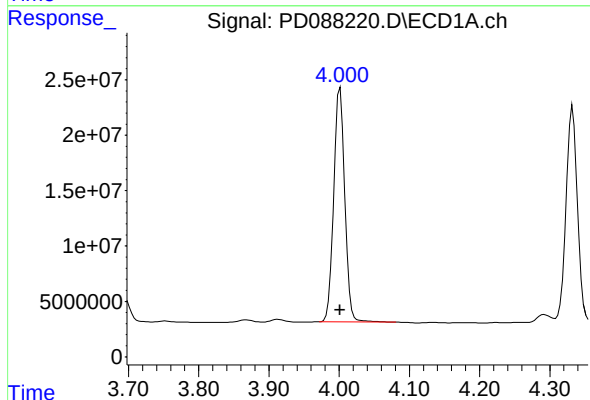
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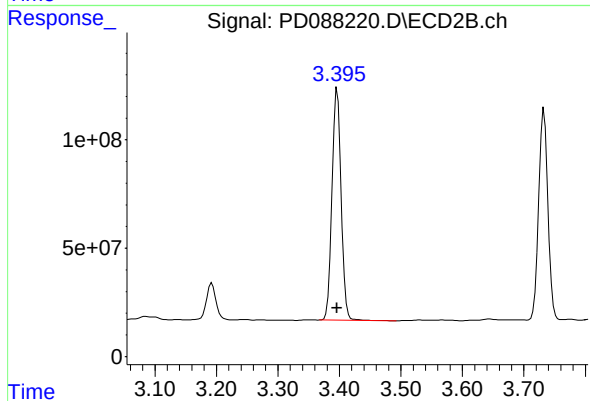
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 257170221
Conc: 17.59 ng/ml



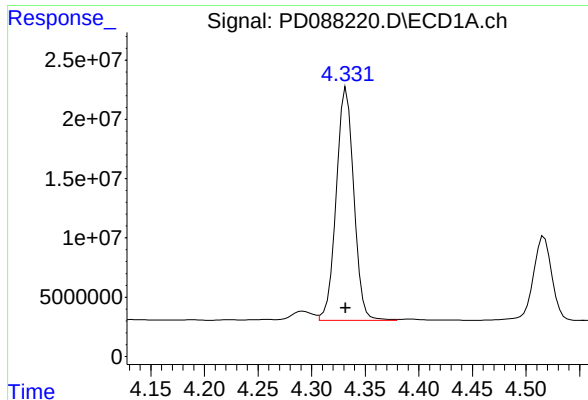
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 231628810
Conc: 53.72 ng/ml



#2 alpha-BHC

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 1102414181
Conc: 48.22 ng/ml



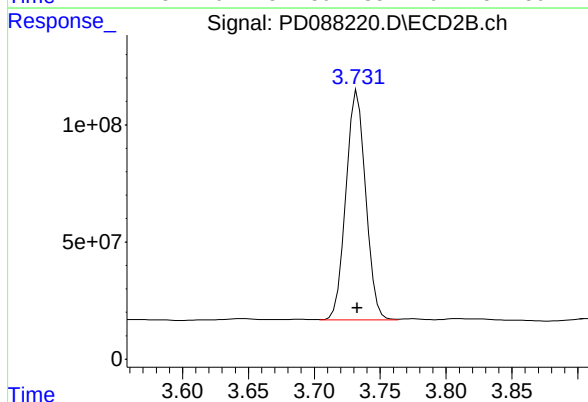
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 223823318
Conc: 53.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MS

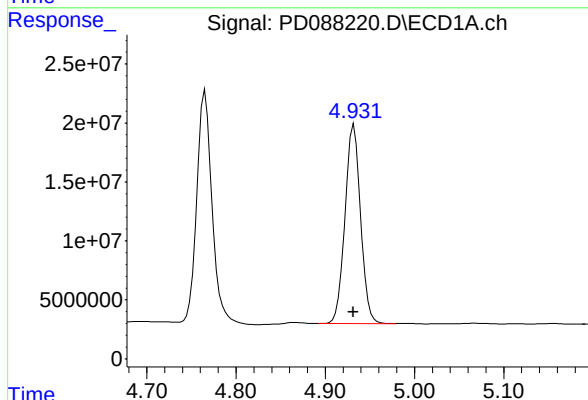
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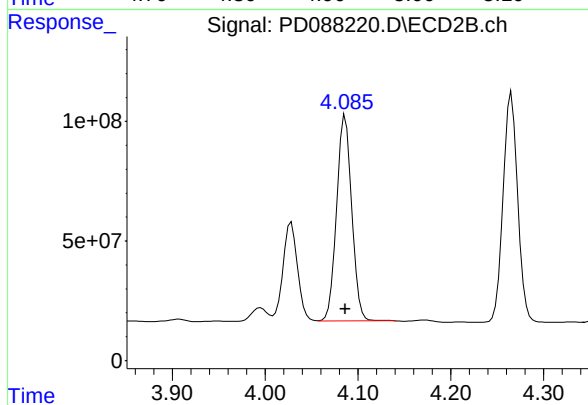
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 1017222371
Conc: 47.23 ng/ml



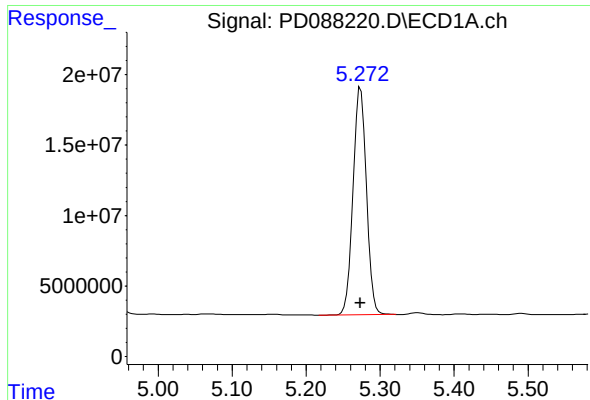
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 205089239
Conc: 50.78 ng/ml



#4 Heptachlor

R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 973922386
Conc: 45.51 ng/ml



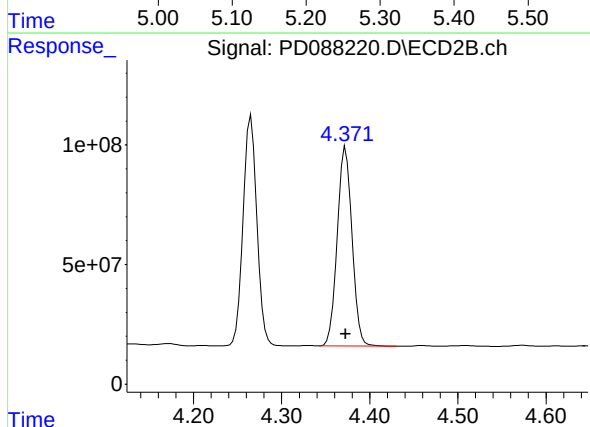
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 202747801
Conc: 51.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MS

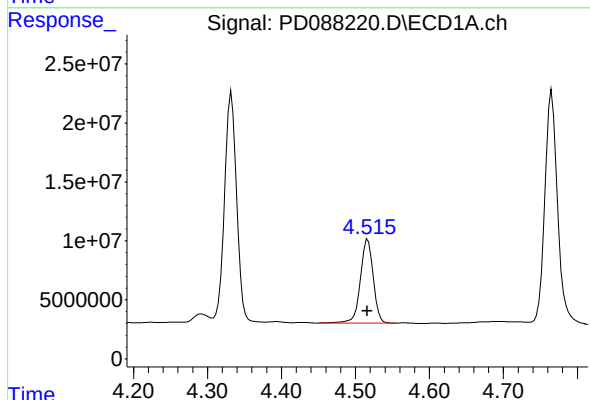
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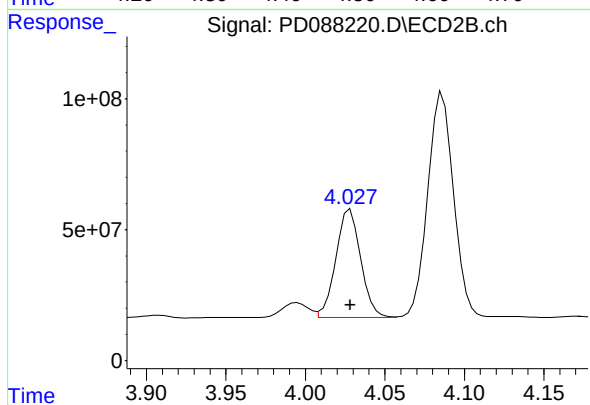
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 969539659
Conc: 46.61 ng/ml



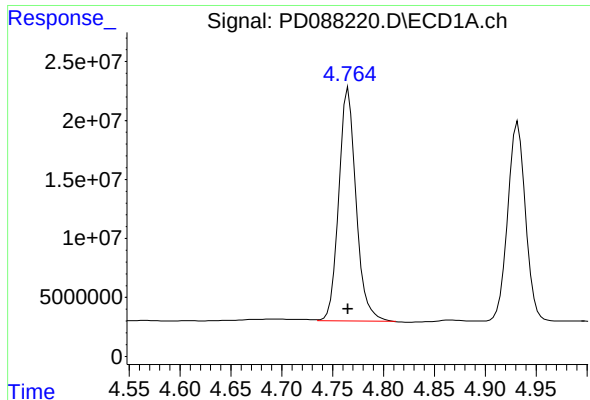
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 85633641
Conc: 52.75 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 449796326
Conc: 48.60 ng/ml



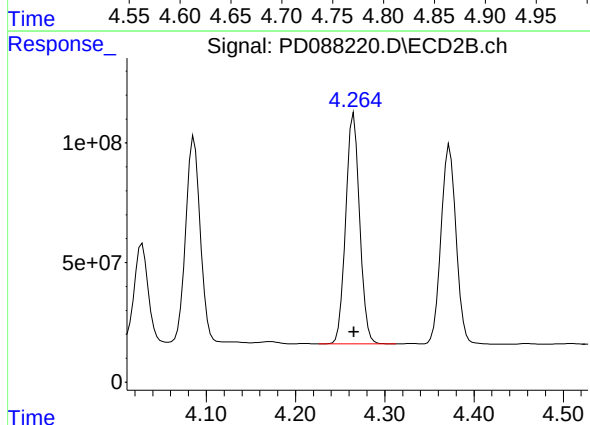
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 233548072
Conc: 56.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MS

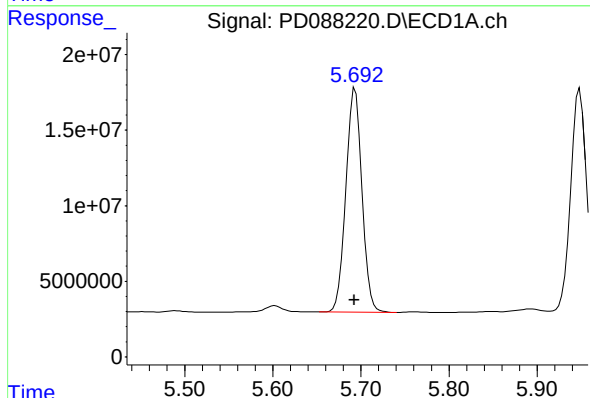
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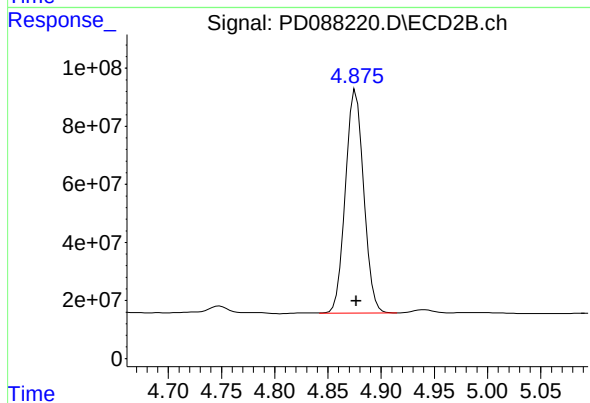
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1049422568
Conc: 49.36 ng/ml



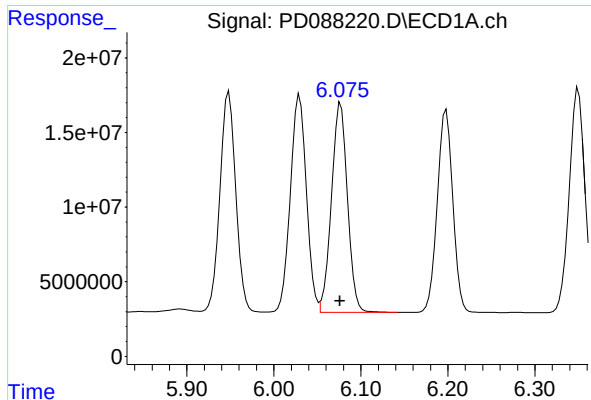
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.001 min
Response: 188406343
Conc: 52.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 915501102
Conc: 48.45 ng/ml



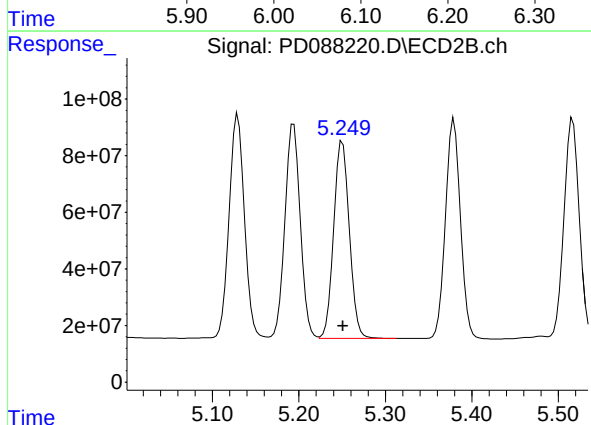
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 178289959
Conc: 52.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MS

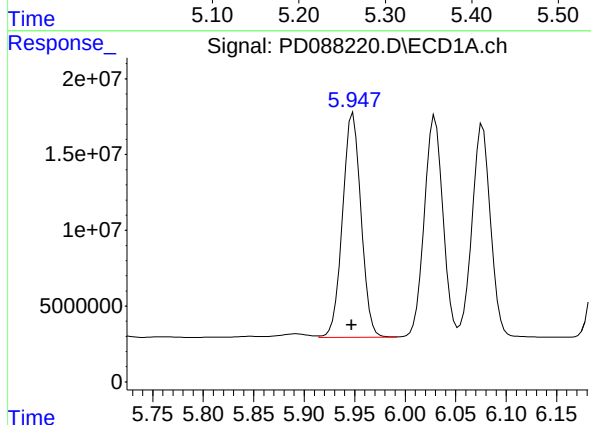
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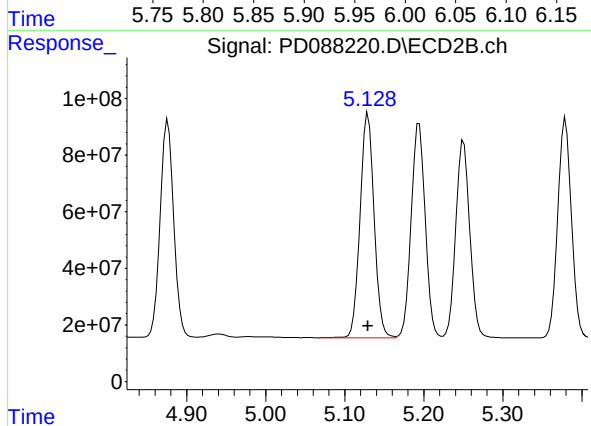
#9 Endosulfan I

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 861406486
Conc: 47.82 ng/ml



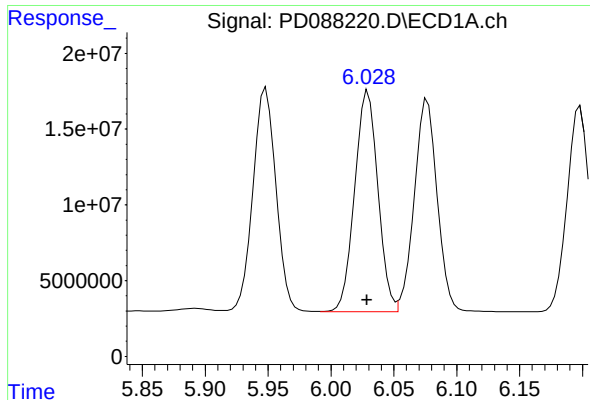
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.001 min
Response: 189160499
Conc: 52.22 ng/ml



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 976464900
Conc: 48.11 ng/ml



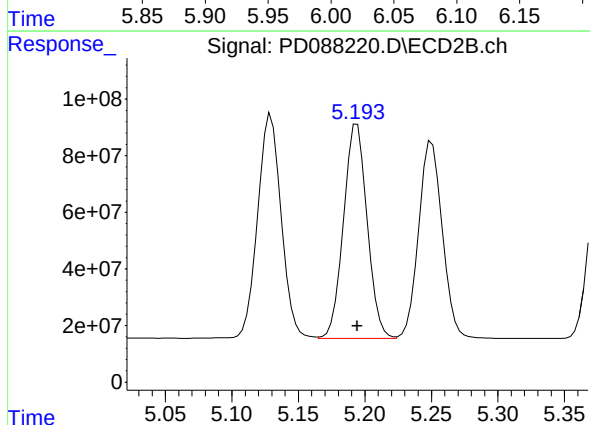
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 187954590
Conc: 52.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MS

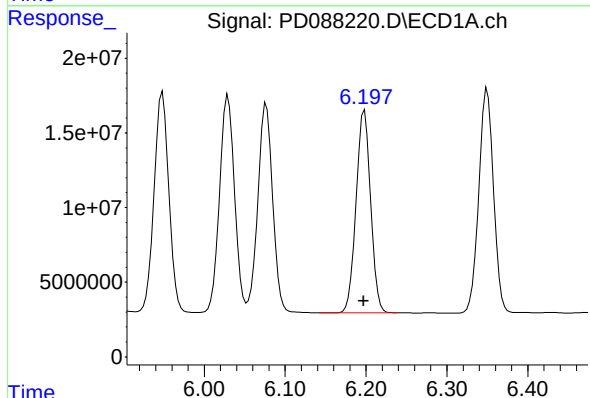
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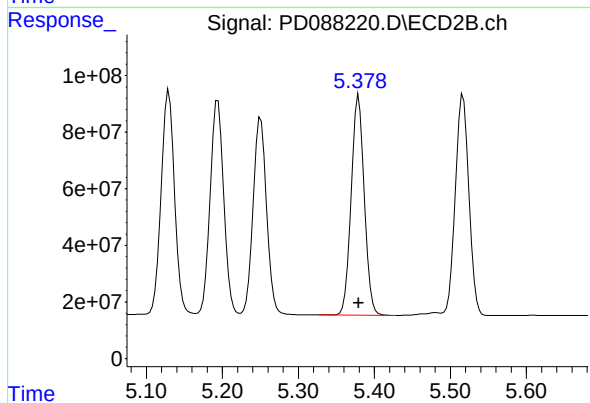
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 934899119
Conc: 47.69 ng/ml



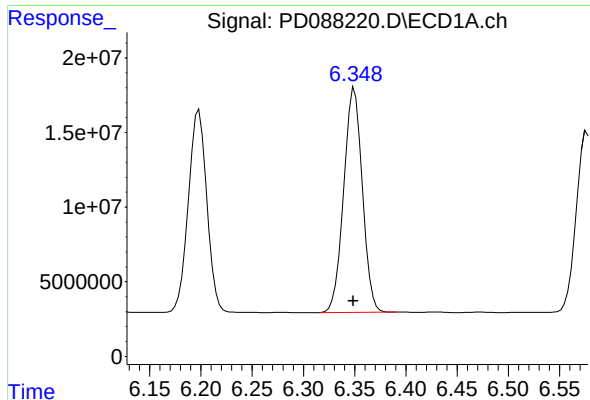
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 169475301
Conc: 51.38 ng/ml



#12 4,4'-DDE

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 935592850
Conc: 47.51 ng/ml



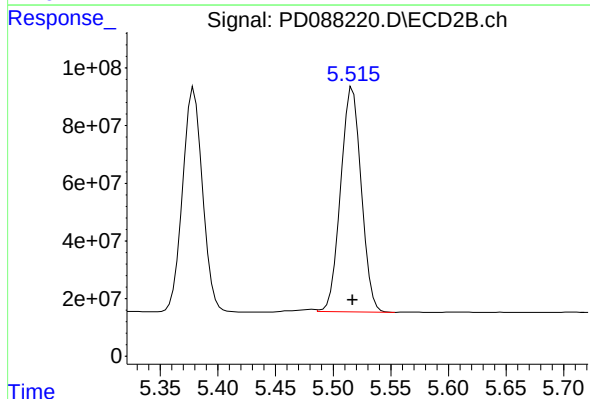
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.001 min
Response: 189343734
Conc: 53.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MS

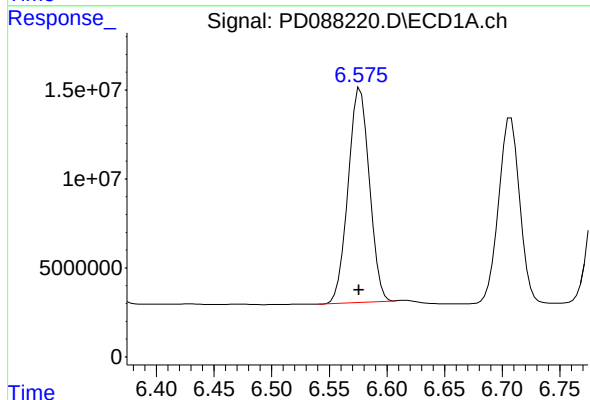
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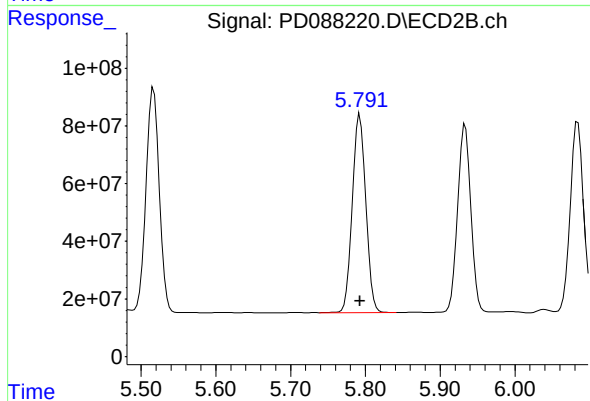
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 959897797
Conc: 48.16 ng/ml



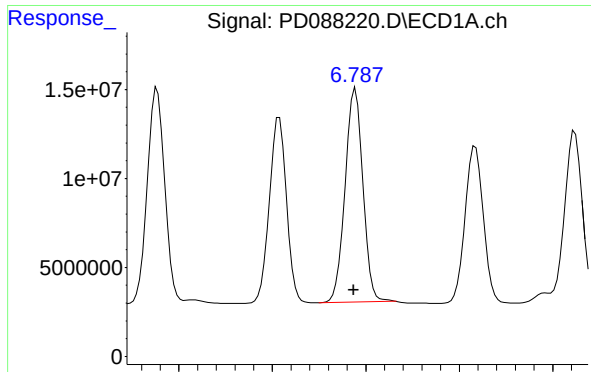
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 153904872
Conc: 51.60 ng/ml



#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 866140337
Conc: 47.58 ng/ml



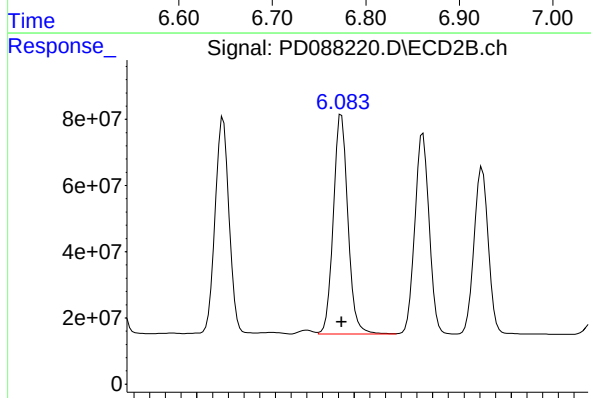
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: 0.002 min
Response: 159340253
Conc: 50.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MS

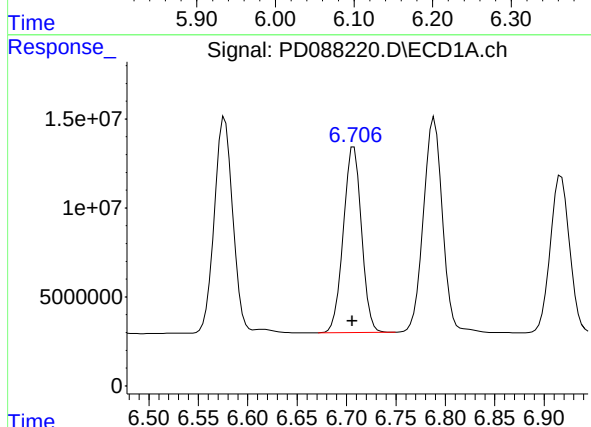
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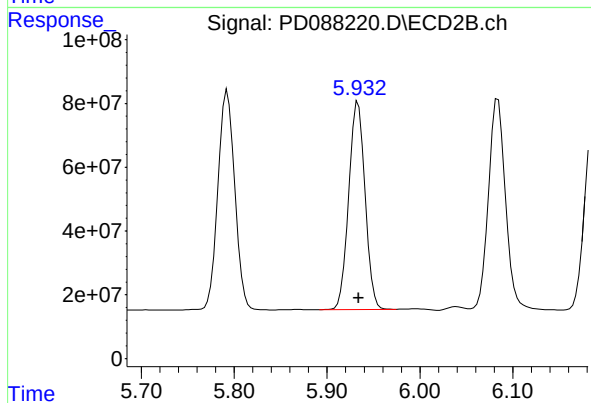
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 853592667
Conc: 48.72 ng/ml



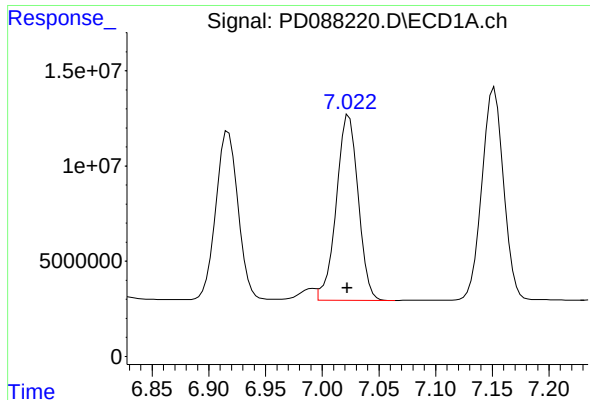
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.002 min
Response: 133199779
Conc: 52.96 ng/ml



#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 797192113
Conc: 48.65 ng/ml



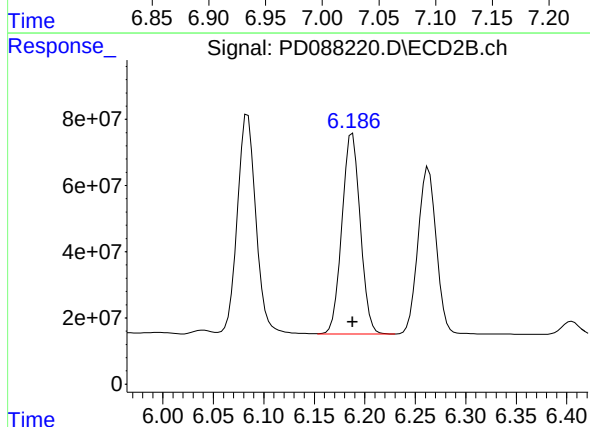
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 130570304
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MS

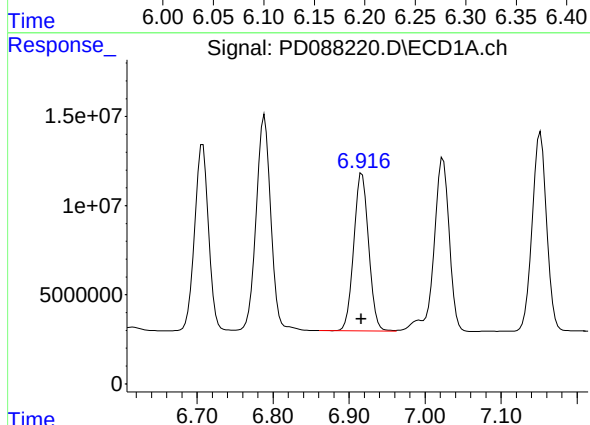
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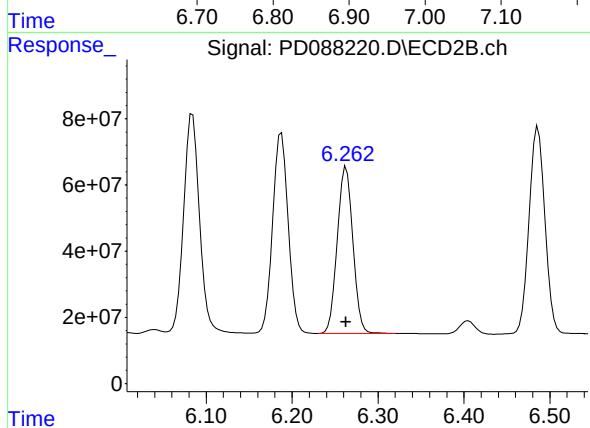
#17 4,4'-DDT

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 765733035
Conc: 45.00 ng/ml



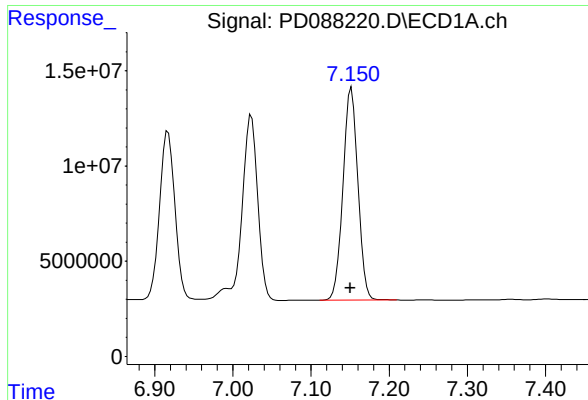
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.001 min
Response: 120932412
Conc: 52.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 635426716
Conc: 47.77 ng/ml



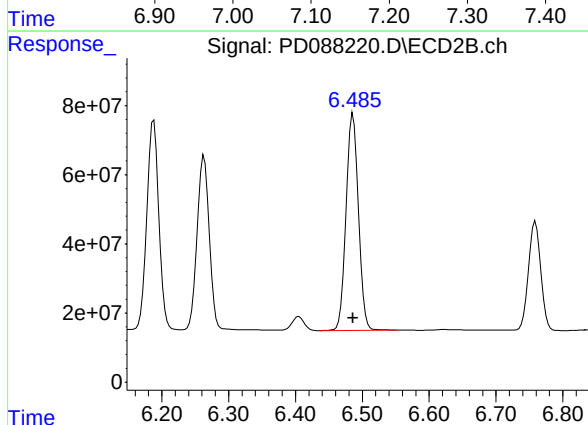
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.002 min
Response: 148087819
Conc: 51.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MS

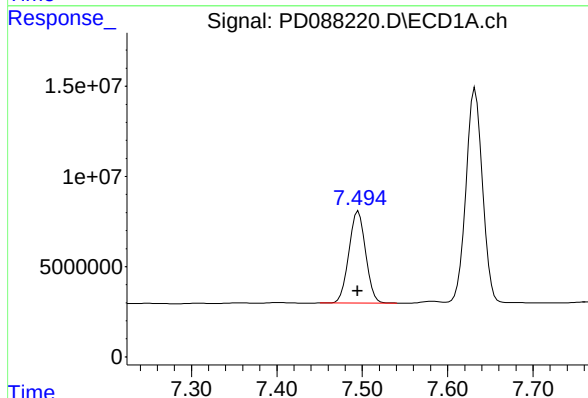
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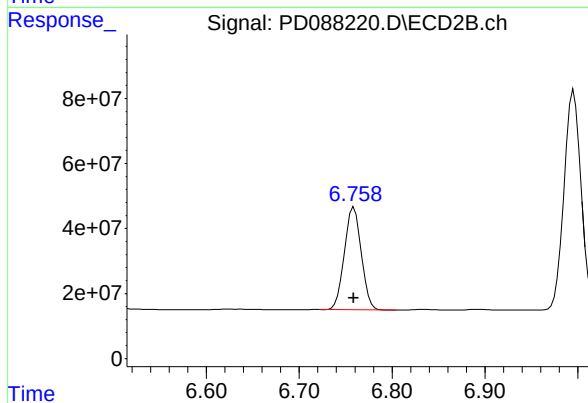
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 802993832
Conc: 46.87 ng/ml



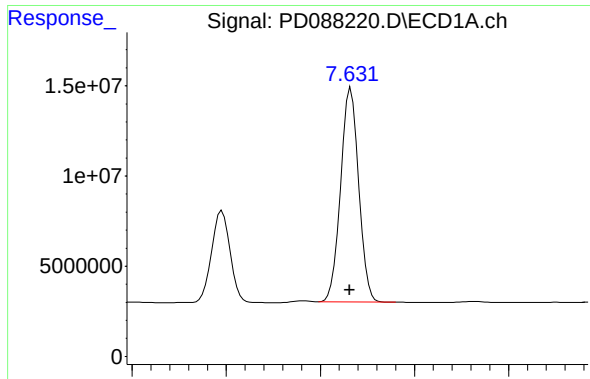
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 69633257
Conc: 46.44 ng/ml



#20 Methoxychlor

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 399496382
Conc: 43.80 ng/ml



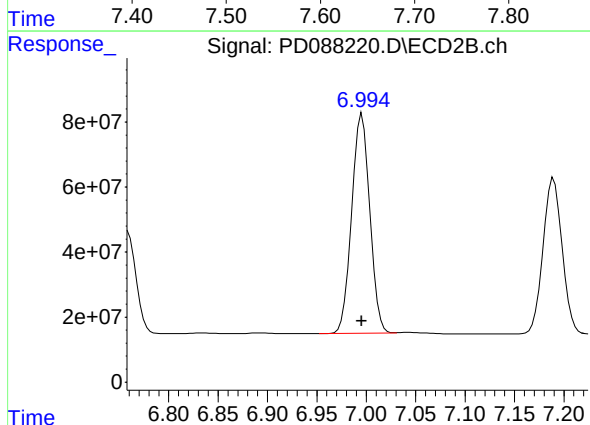
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.001 min
Response: 158293418
Conc: 51.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MS

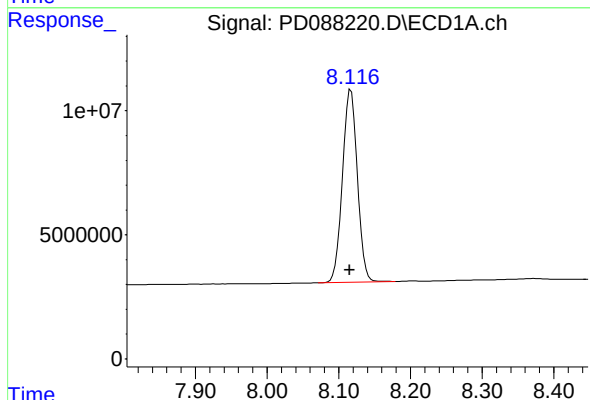
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APPROVED

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



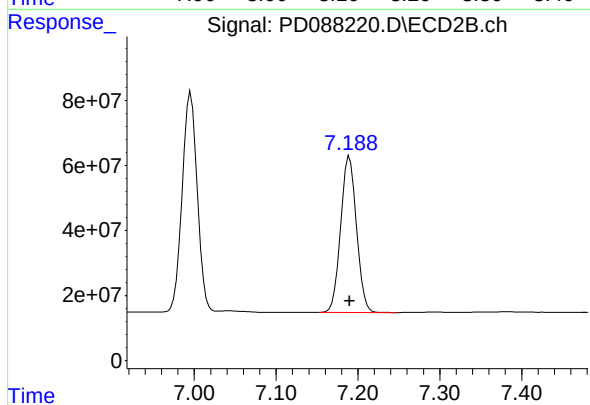
#21 Endrin ketone

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 861667292
Conc: 46.07 ng/ml



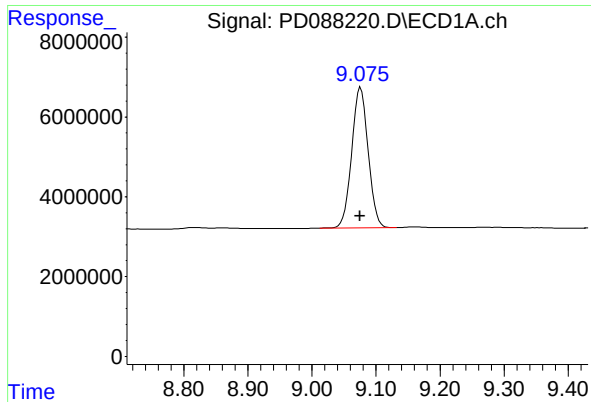
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 112742182
Conc: 48.01 ng/ml



#22 Mirex

R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 646876880
Conc: 43.65 ng/ml



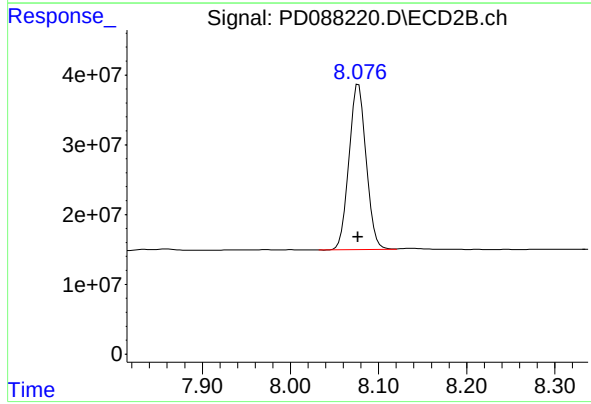
#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.001 min
Response: 62780915
Conc: 18.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 321320104
Conc: 17.39 ng/ml