

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042925\
 Data File : PD088331.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2025 14:51
 Operator : AR\AJ
 Sample : Q1903-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-4MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/30/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 00:49:08 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...	3.550	2.882	33431899	255.2E6	16.738	17.452
28) SA Decachlor...	9.074	8.077	54388252	280.8E6	16.441	15.197
Target Compounds						
2) A alpha-BHC	3.999	3.395	199.6E6	1005.3E6	46.282	43.974
3) MA gamma-BHC...	4.330	3.731	195.4E6	932.5E6	46.673	43.293
4) MA Heptachlor	4.930	4.085	186.9E6	917.3E6	46.277	42.867
5) MB Aldrin	5.272	4.371	186.6E6	908.0E6	47.254	43.647
6) B beta-BHC	4.515	4.027	75021942	416.0E6	46.213	44.950
7) B delta-BHC	4.763	4.264	196.7E6	932.8E6	47.682	43.875
8) B Heptachlo...	5.692	4.875	168.2E6	822.5E6	47.075	43.532
9) A Endosulfan I	6.075	5.250	159.2E6	784.6E6	47.142	43.558
10) B gamma-Chl...	5.947	5.128	168.2E6	882.6E6	46.434	43.487
11) B alpha-Chl...	6.028	5.193	168.9E6	852.6E6	46.790	43.494
12) B 4,4'-DDE	6.196	5.378	152.1E6	853.9E6	46.113	43.357
13) MA Dieldrin	6.348	5.515	169.5E6	865.0E6	47.487	43.396
14) MA Endrin	6.575	5.792	140.4E6	797.8E6	47.070	43.827
15) B Endosulfa...	6.787	6.082	142.5E6	754.3E6	45.580	43.048m
16) A 4,4'-DDD	6.705	5.933	121.0E6	700.8E6	48.121	42.767
17) MA 4,4'-DDT	7.022	6.186	119.4E6	717.3E6	42.995	42.152
18) B Endrin al...	6.915	6.261	109.0E6	590.3E6	47.247	44.383
19) B Endosulfa...	7.150	6.485	131.8E6	719.7E6	45.839	42.004
20) A Methoxychlor	7.494	6.757	63274073	362.6E6	42.196	39.751
21) B Endrin ke...	7.630	6.994	141.4E6	775.8E6	45.817	41.477
22) Mirex	8.115	7.189	102.2E6	598.7E6	43.525	40.393

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042925\
Data File : PD088331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 14:51
Operator : AR\AJ
Sample : Q1903-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

COMP-4MS

Manual Integrations

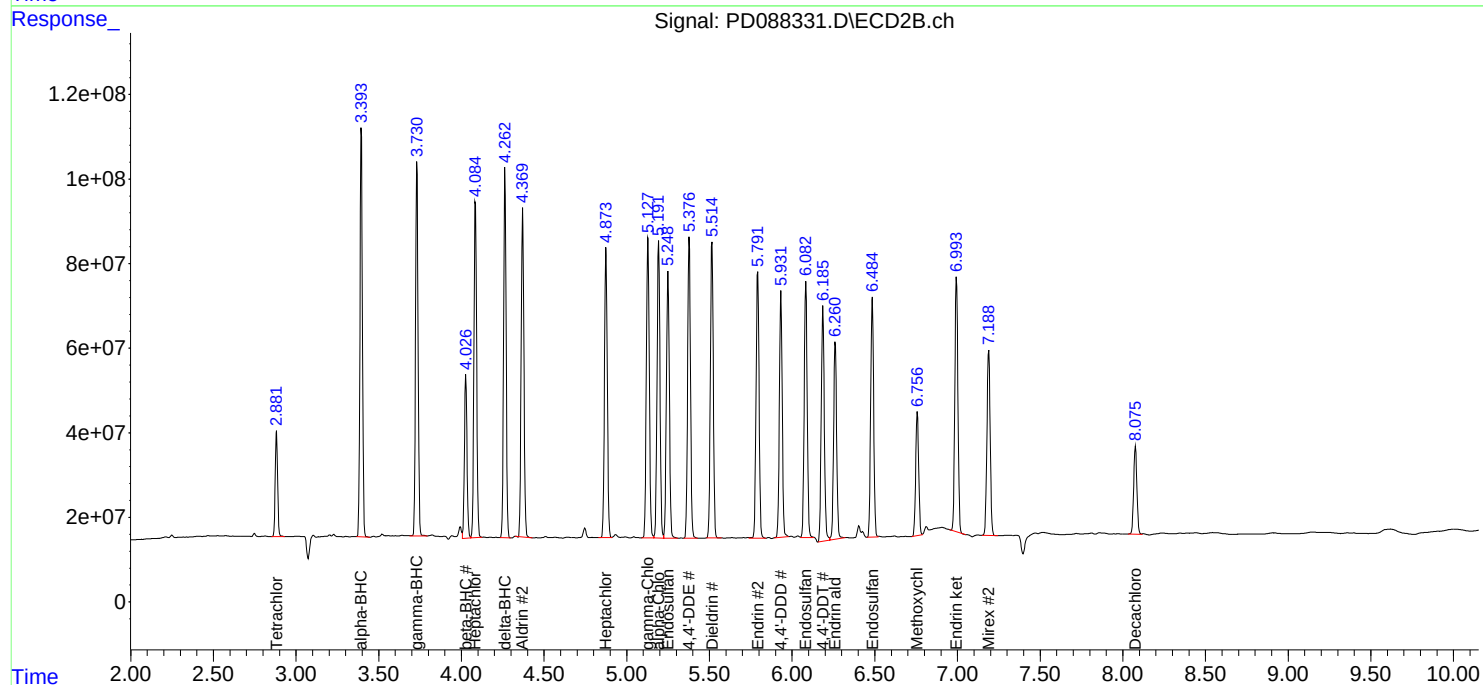
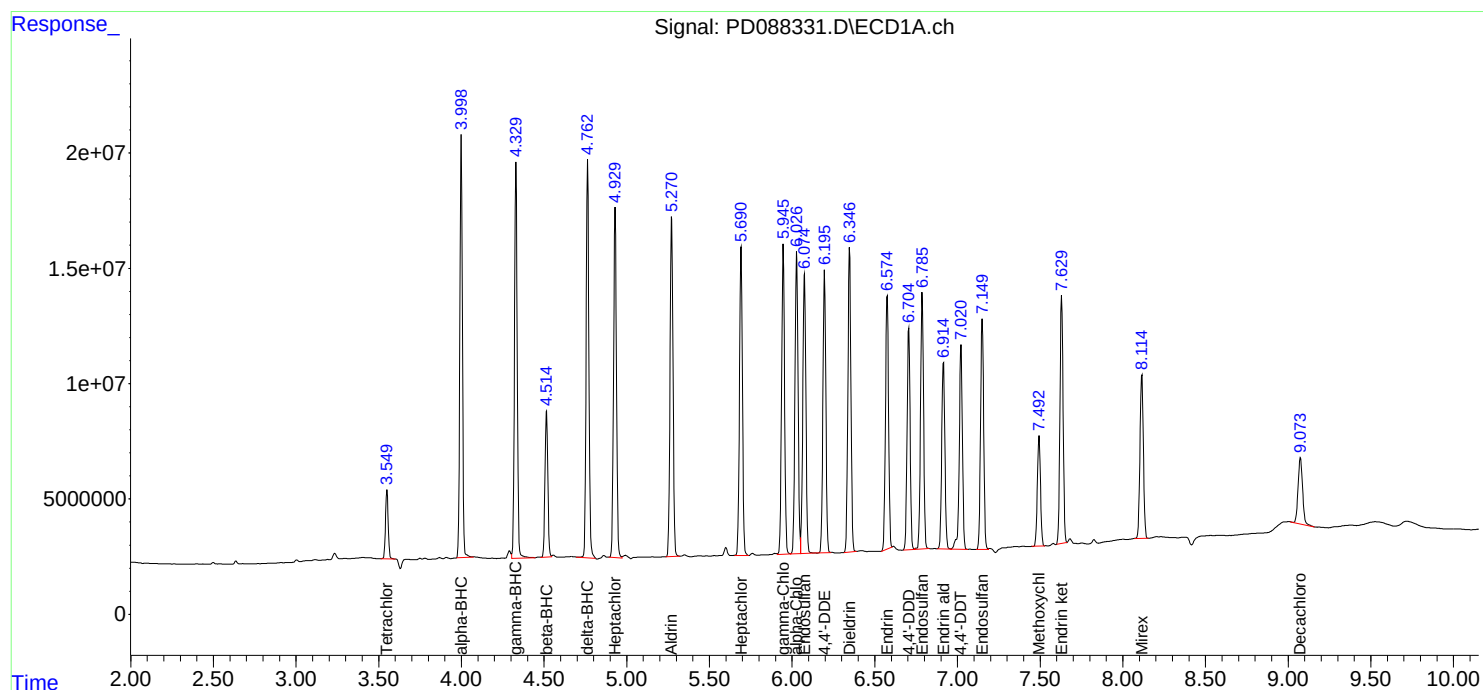
APPROVED

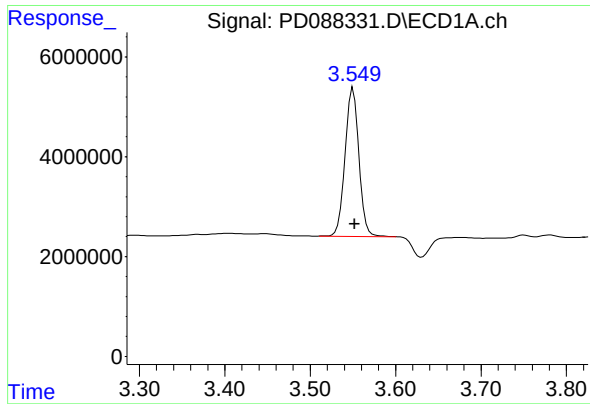
Reviewed By :Abdul Mirza 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 00:49:08 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





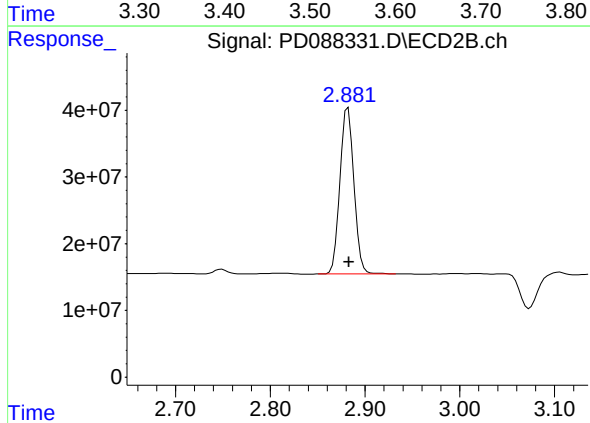
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 33431899
Conc: 16.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

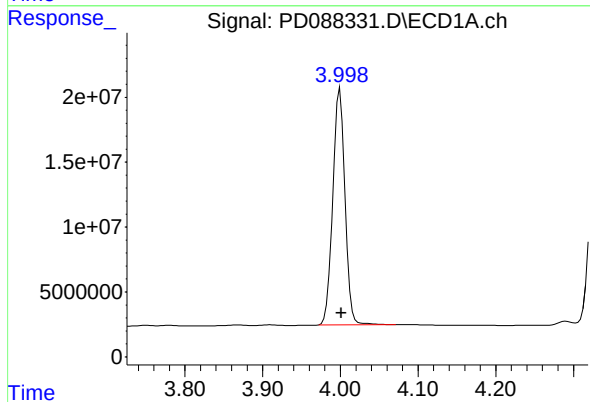
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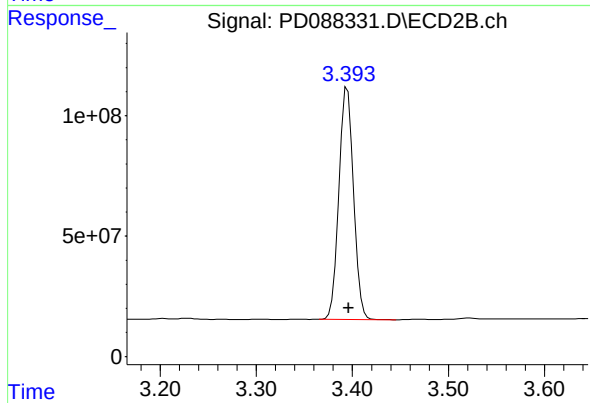
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 255181592
Conc: 17.45 ng/ml



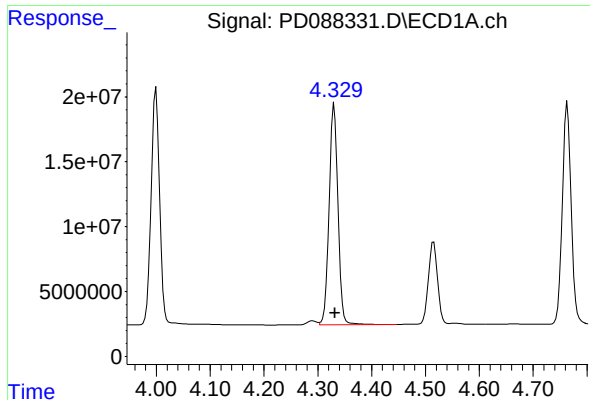
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 199567494
Conc: 46.28 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 1005310887
Conc: 43.97 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.001 min
Response: 195445236
Conc: 46.67 ng/ml

Instrument :

ECD_D

ClientSampleId :

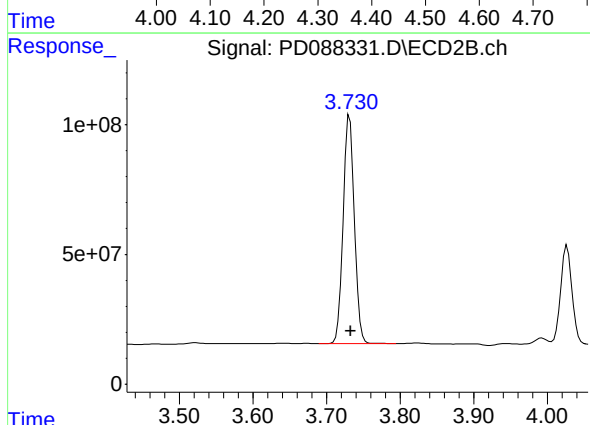
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Manual Integrations

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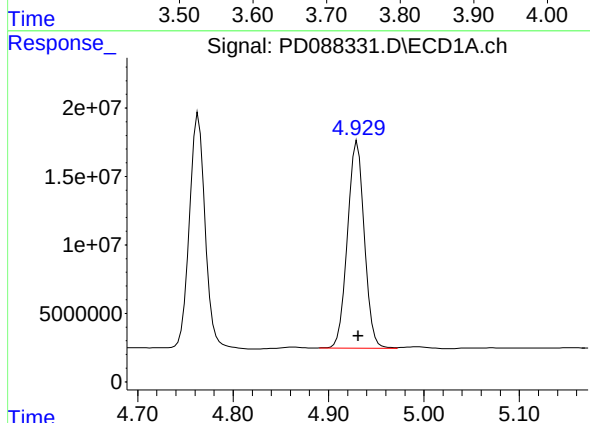
Reviewed By :Abdul Mirza 04/30/2025

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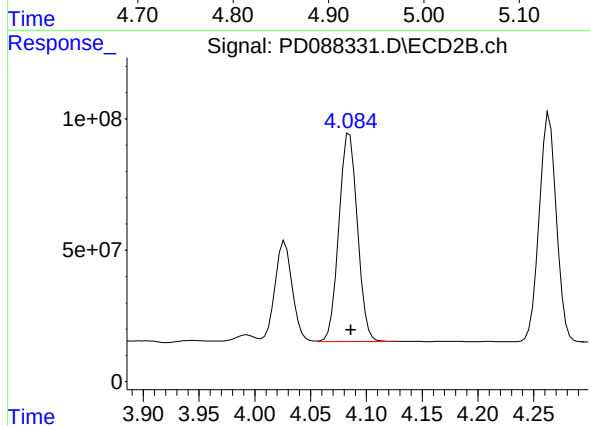
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 932464788
Conc: 43.29 ng/ml



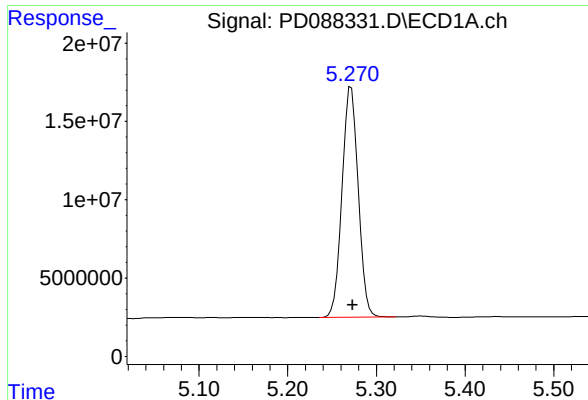
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 186909601
Conc: 46.28 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 917279673
Conc: 42.87 ng/ml



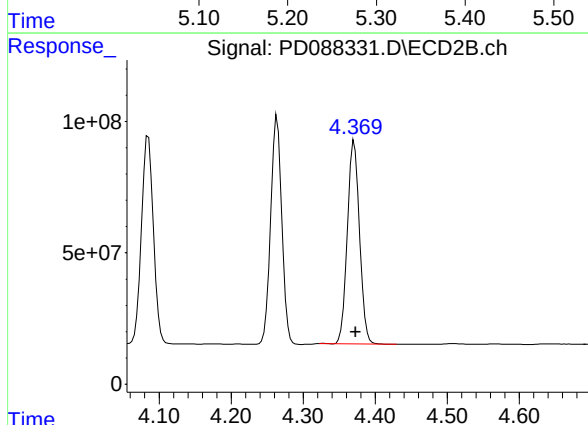
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 186632796
Conc: 47.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

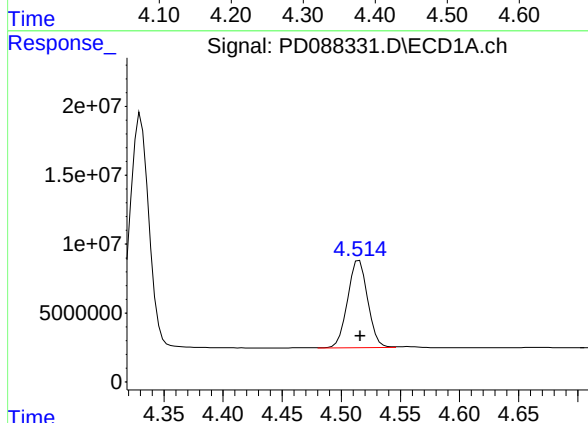
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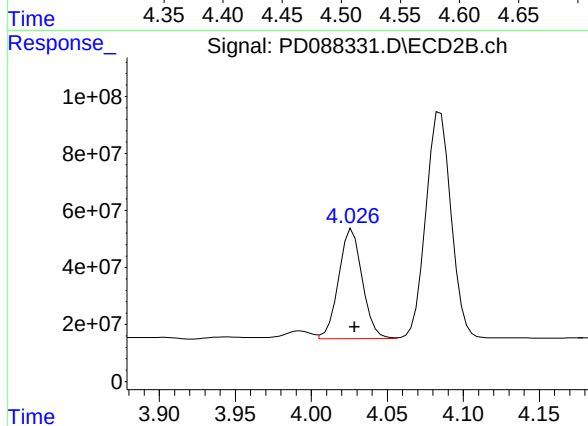
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.002 min
Response: 907969799
Conc: 43.65 ng/ml



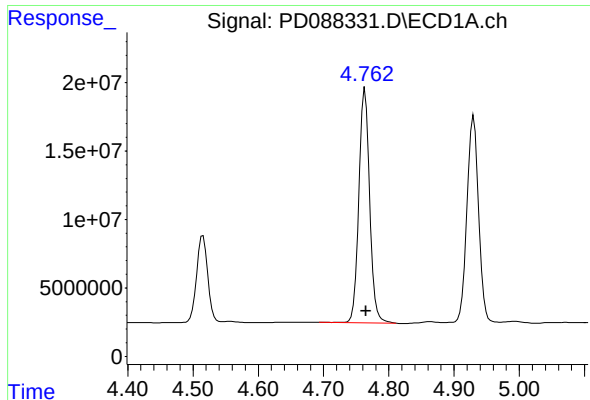
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 75021942
Conc: 46.21 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 415973445
Conc: 44.95 ng/ml



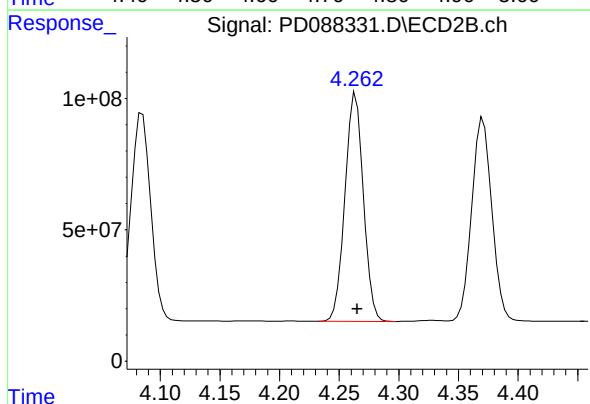
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 196688634
Conc: 47.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

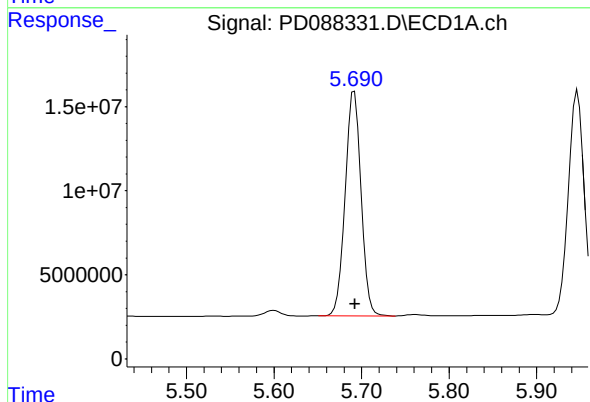
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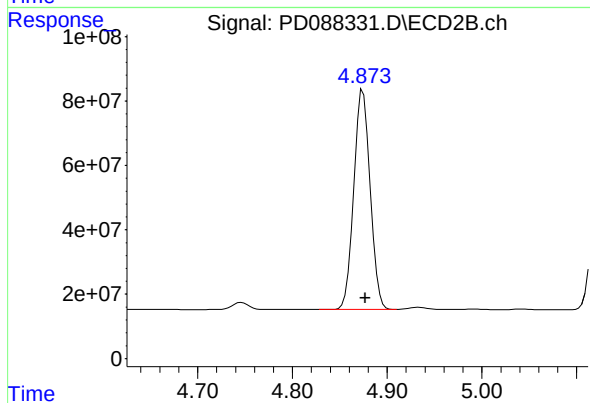
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 932847985
Conc: 43.87 ng/ml



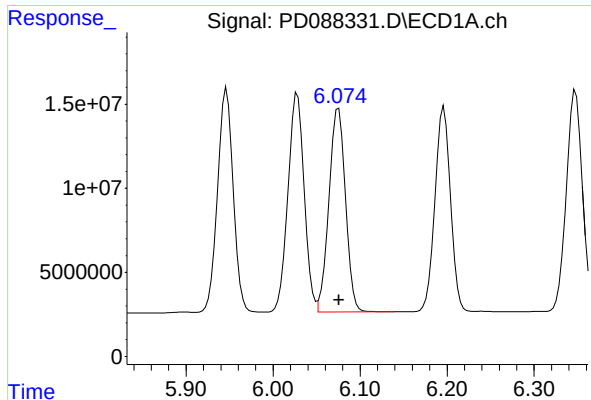
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 168241818
Conc: 47.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 822509618
Conc: 43.53 ng/ml



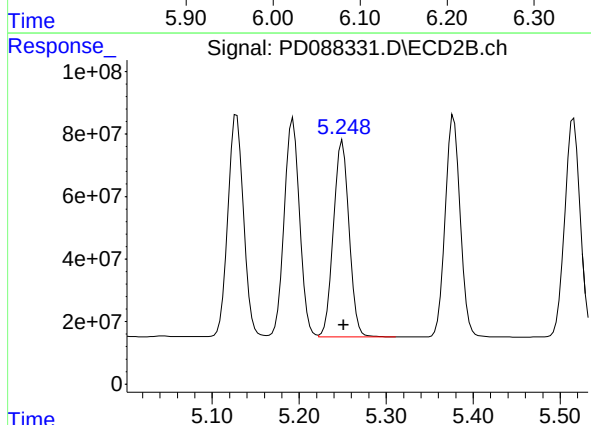
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 159206393
Conc: 47.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

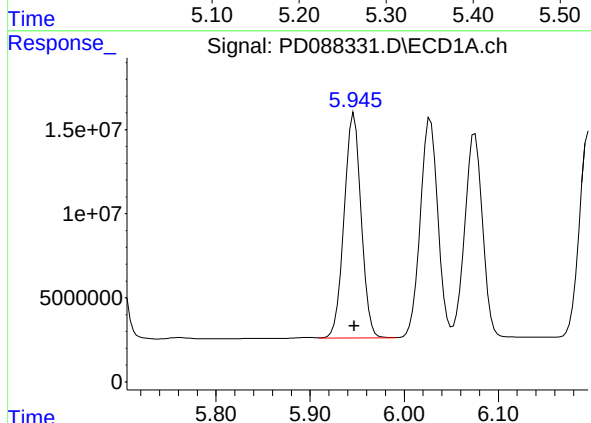
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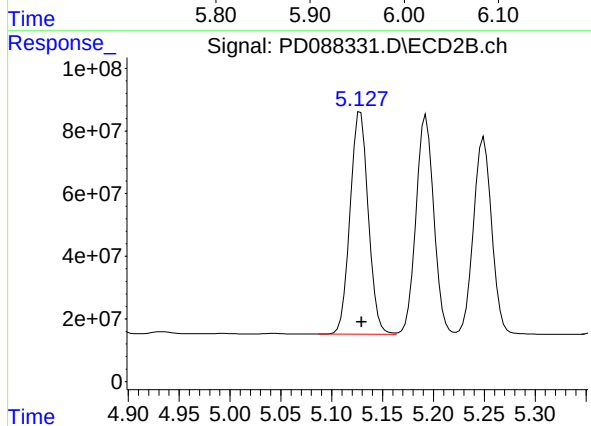
#9 Endosulfan I

R.T.: 5.250 min
Delta R.T.: -0.001 min
Response: 784578458
Conc: 43.56 ng/ml



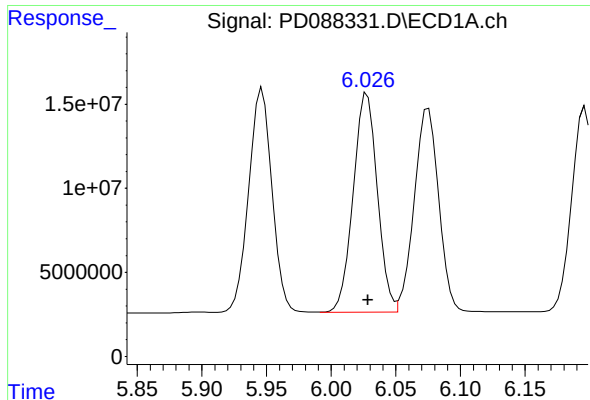
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 168187534
Conc: 46.43 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 882611598
Conc: 43.49 ng/ml



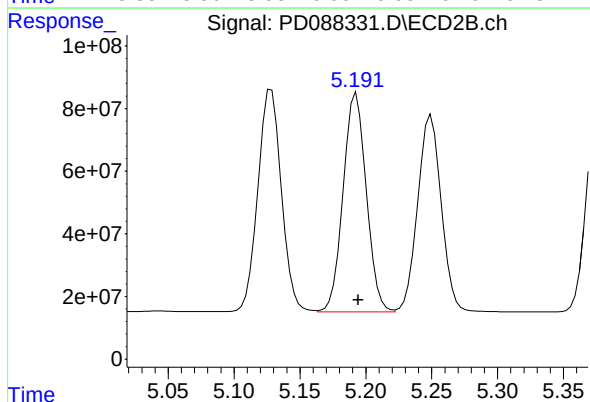
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 168890371
Conc: 46.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

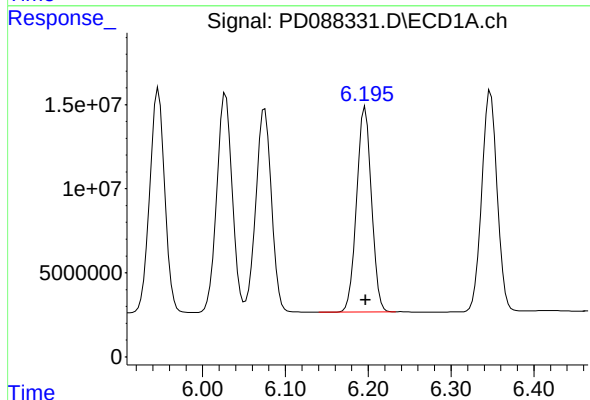
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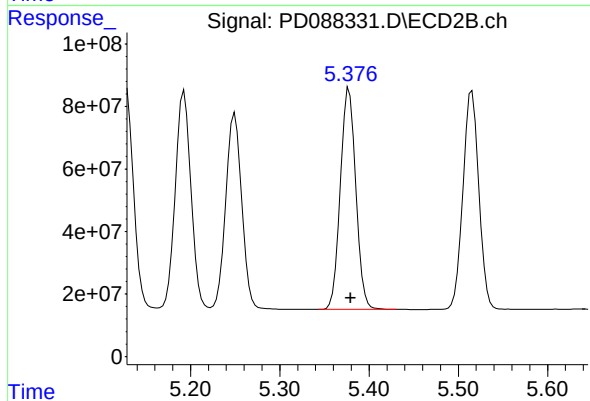
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 852607201
Conc: 43.49 ng/ml



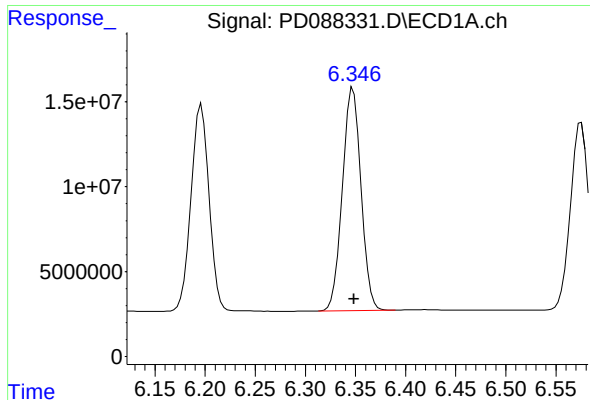
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 152092570
Conc: 46.11 ng/ml



#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 853864411
Conc: 43.36 ng/ml



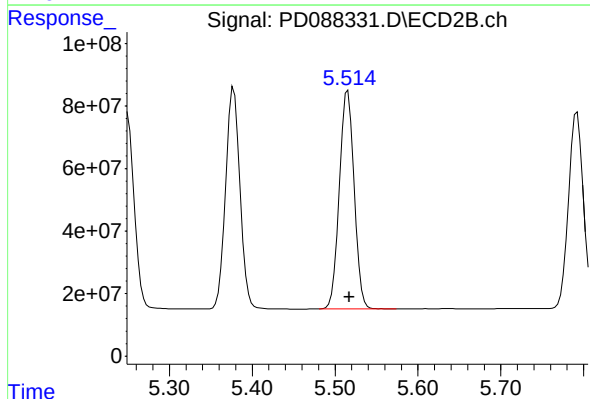
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 169458153
Conc: 47.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

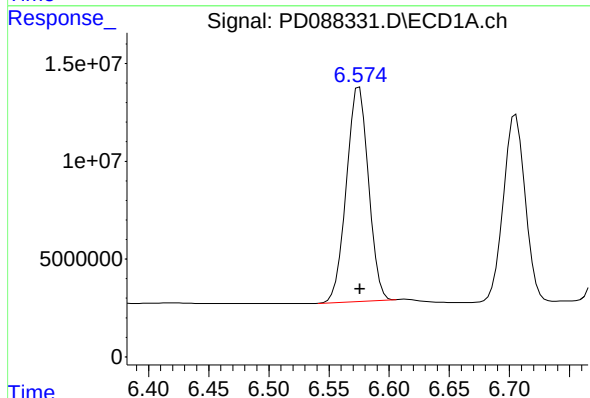
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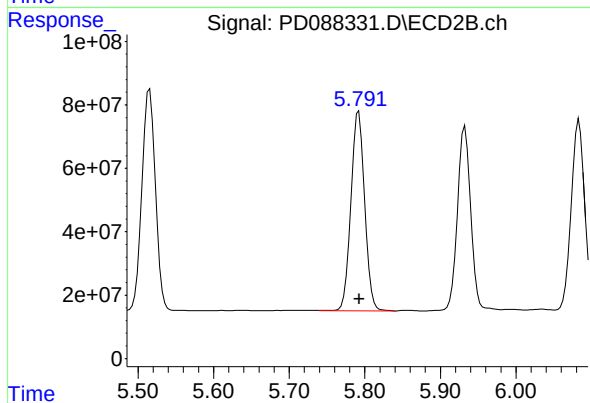
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 865004158
Conc: 43.40 ng/ml



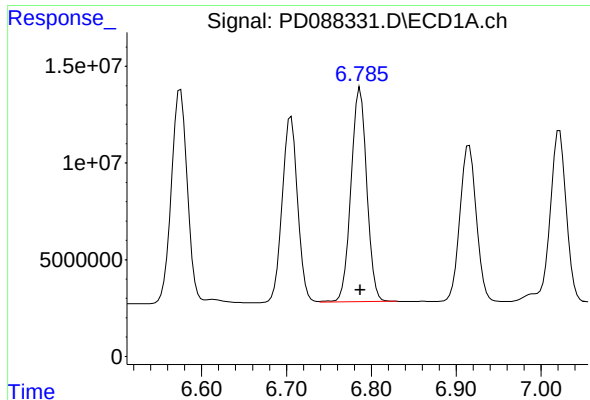
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 140389234
Conc: 47.07 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 797753372
Conc: 43.83 ng/ml



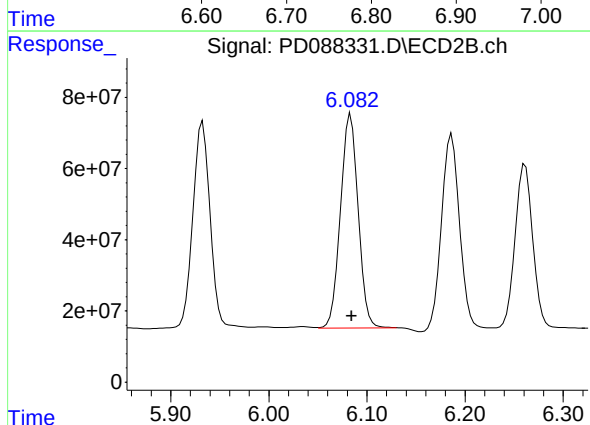
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 142492858
Conc: 45.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

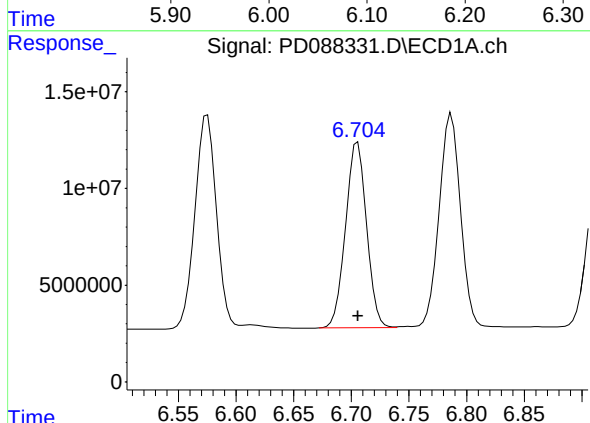
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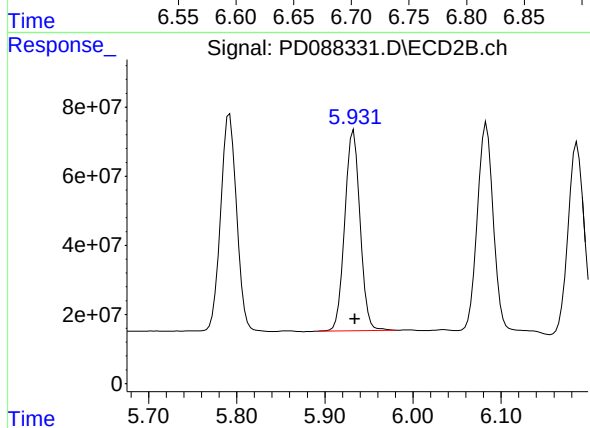
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 754274520
Conc: 43.05 ng/ml m



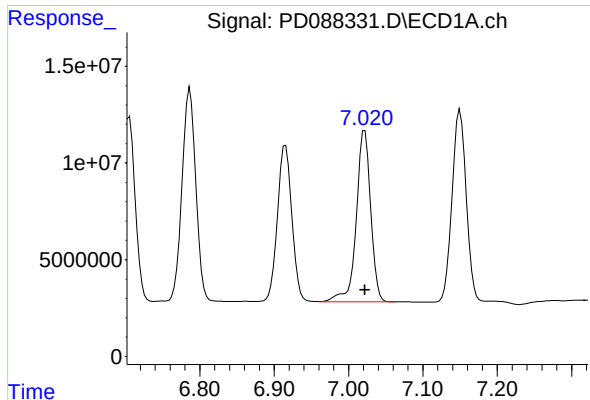
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 121023497
Conc: 48.12 ng/ml



#16 4,4'-DDD

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 700786431
Conc: 42.77 ng/ml



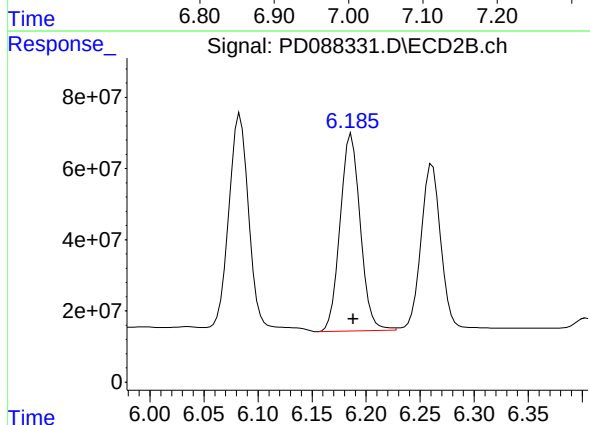
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 119420724
Conc: 43.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

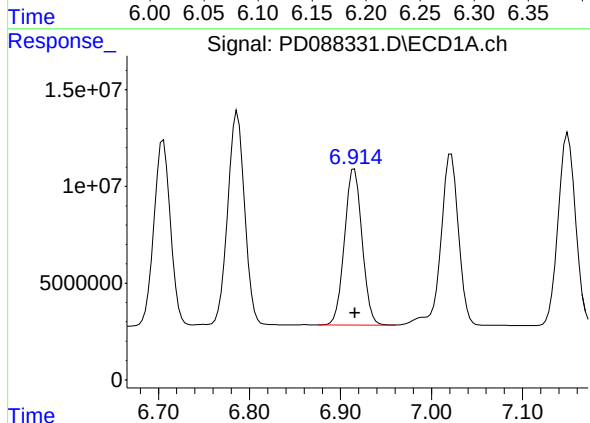
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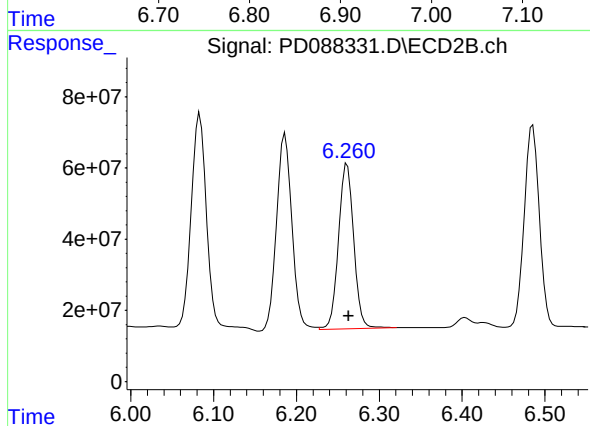
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 717287389
Conc: 42.15 ng/ml



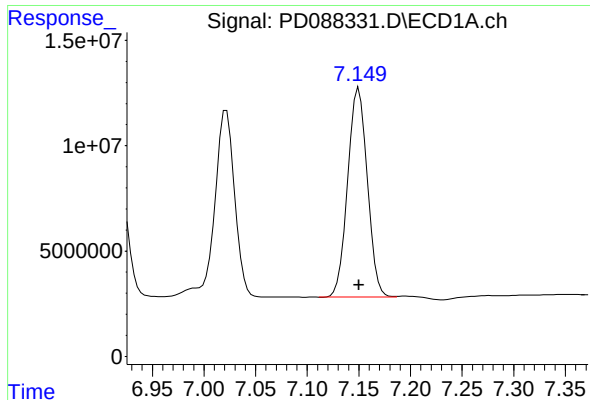
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 109044853
Conc: 47.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 590340879
Conc: 44.38 ng/ml



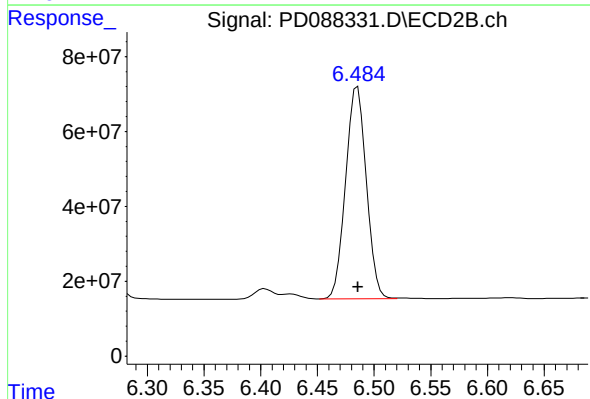
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 131825938
Conc: 45.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

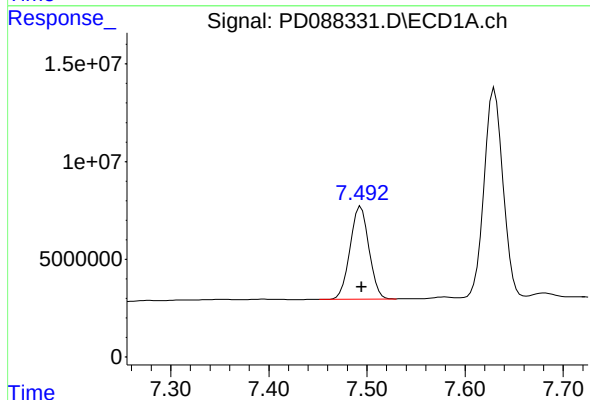
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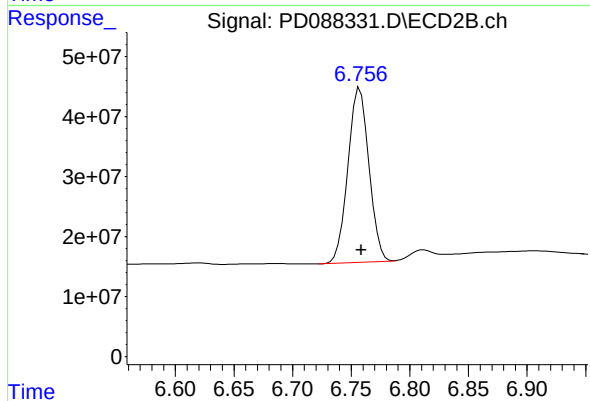
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 719666163
Conc: 42.00 ng/ml



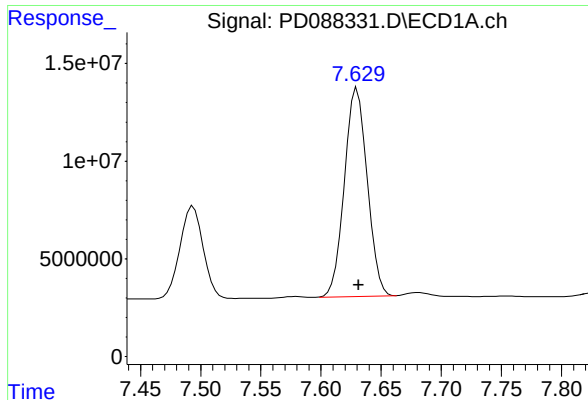
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 63274073
Conc: 42.20 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 362572819
Conc: 39.75 ng/ml



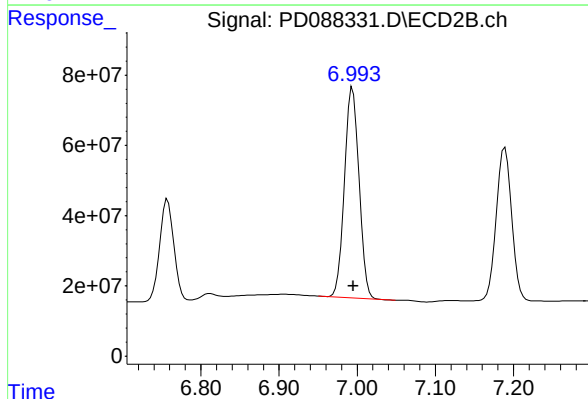
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 141418219
Conc: 45.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

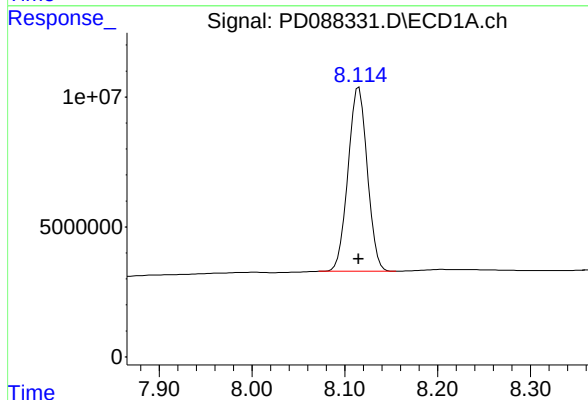
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APPROVED

Reviewed By :Abdul Mirza 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



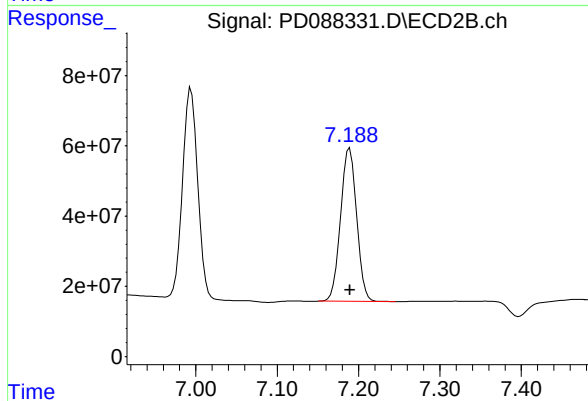
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 775778144
Conc: 41.48 ng/ml



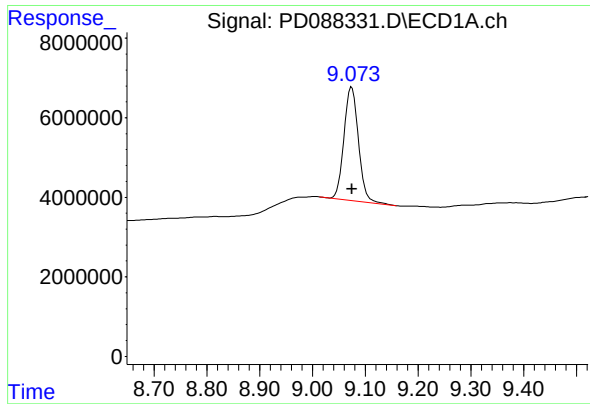
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 102210204
Conc: 43.52 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 598666465
Conc: 40.39 ng/ml



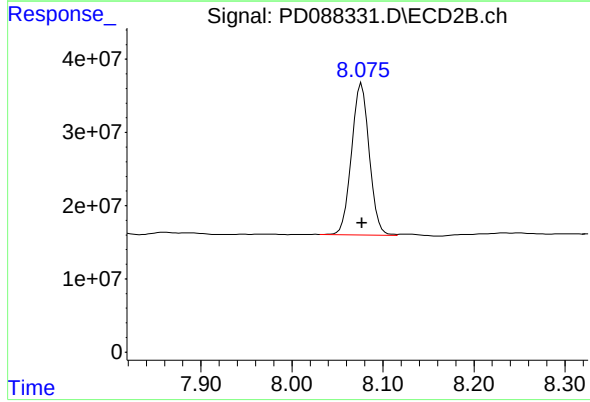
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 54388252
Conc: 16.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 280827936
Conc: 15.20 ng/ml