

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071025\
 Data File : PD089448.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 19:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

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 11 02:24:41 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...	3.550	2.881	146.2E6	925.9E6	51.245	54.618
28)	SA Decachlor...	9.071	8.070	193.0E6	879.5E6	49.128	44.485
Target Compounds							
2)	A alpha-BHC	3.999	3.393	314.0E6	1491.7E6	53.874	55.665
3)	MA gamma-BHC...	4.330	3.727	298.5E6	1370.5E6	53.477	55.358m
4)	MA Heptachlor	4.929	4.082	282.6E6	1328.1E6	51.834	53.041
5)	MB Aldrin	5.270	4.367	282.3E6	1335.7E6	53.134	55.155
6)	B beta-BHC	4.515	4.024	114.6E6	585.2E6	51.905	54.459
7)	B delta-BHC	4.763	4.261	289.0E6	1376.7E6	56.307	55.346
8)	B Heptachlo...	5.689	4.871	244.1E6	1218.0E6	50.600	55.623
9)	A Endosulfan I	6.073	5.246	227.2E6	1128.8E6	50.405	54.157
10)	B gamma-Chl...	5.945	5.124	245.4E6	1298.7E6	51.246	54.286
11)	B alpha-Chl...	6.026	5.189	244.5E6	1235.0E6	50.532	53.938
12)	B 4,4'-DDE	6.194	5.373	219.5E6	1230.9E6	50.327	53.715
13)	MA Dieldrin	6.346	5.511	241.6E6	1242.8E6	50.364	53.549
14)	MA Endrin	6.573	5.787	189.4E6	1128.0E6	45.904	51.950
15)	B Endosulfa...	6.785	6.078	188.8E6	1026.0E6	46.768	50.799
16)	A 4,4'-DDD	6.704	5.928	165.3E6	1006.7E6	48.153	52.628
17)	MA 4,4'-DDT	7.020	6.181	165.9E6	961.5E6	43.794	47.411
18)	B Endrin al...	6.914	6.257	138.9E6	741.2E6	45.346	48.410
19)	B Endosulfa...	7.149	6.480	177.6E6	969.6E6	46.272	49.417
20)	A Methoxychlor	7.492	6.752	80951718	465.9E6	40.063	43.267
21)	B Endrin ke...	7.629	6.990	181.0E6	1000.8E6	44.447	46.329
22)	Mirex	8.113	7.182	128.7E6	758.8E6	42.348	45.499m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071025\
Data File : PD089448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 20 Sample Multiplier: 1

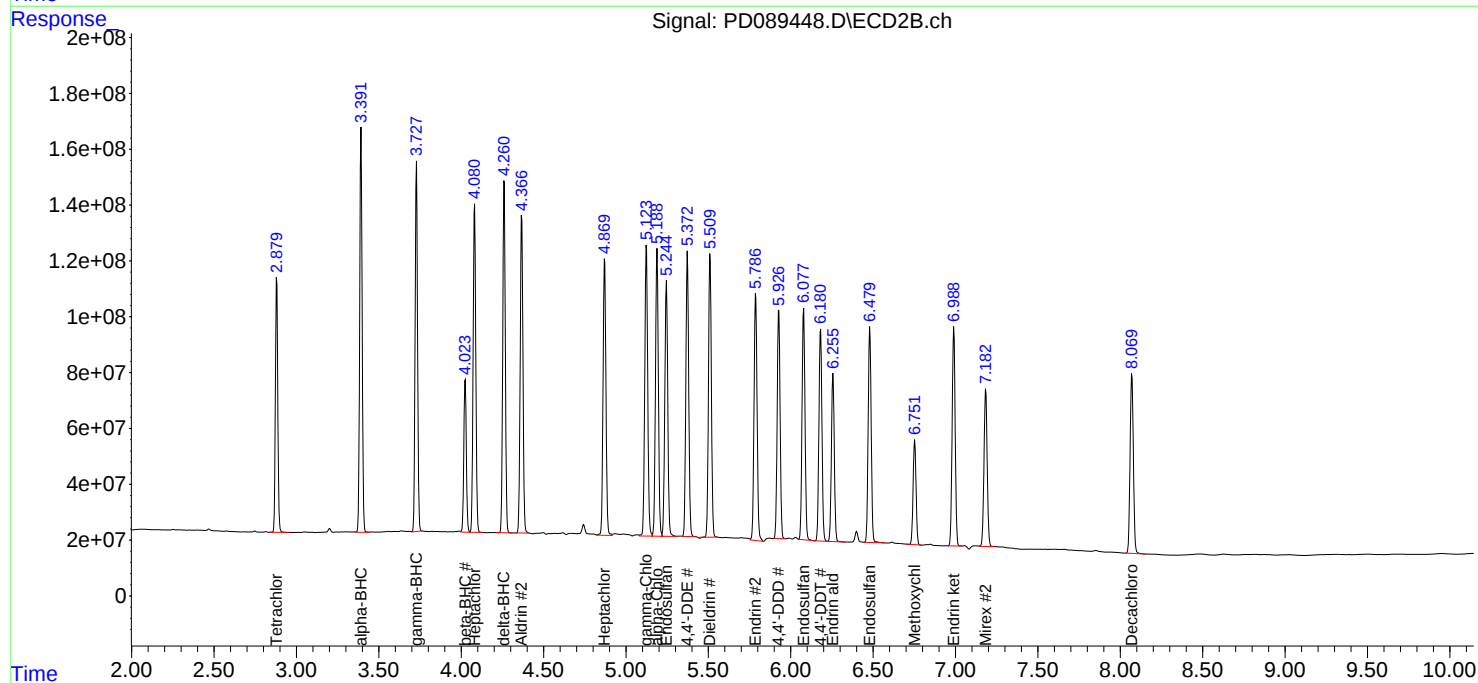
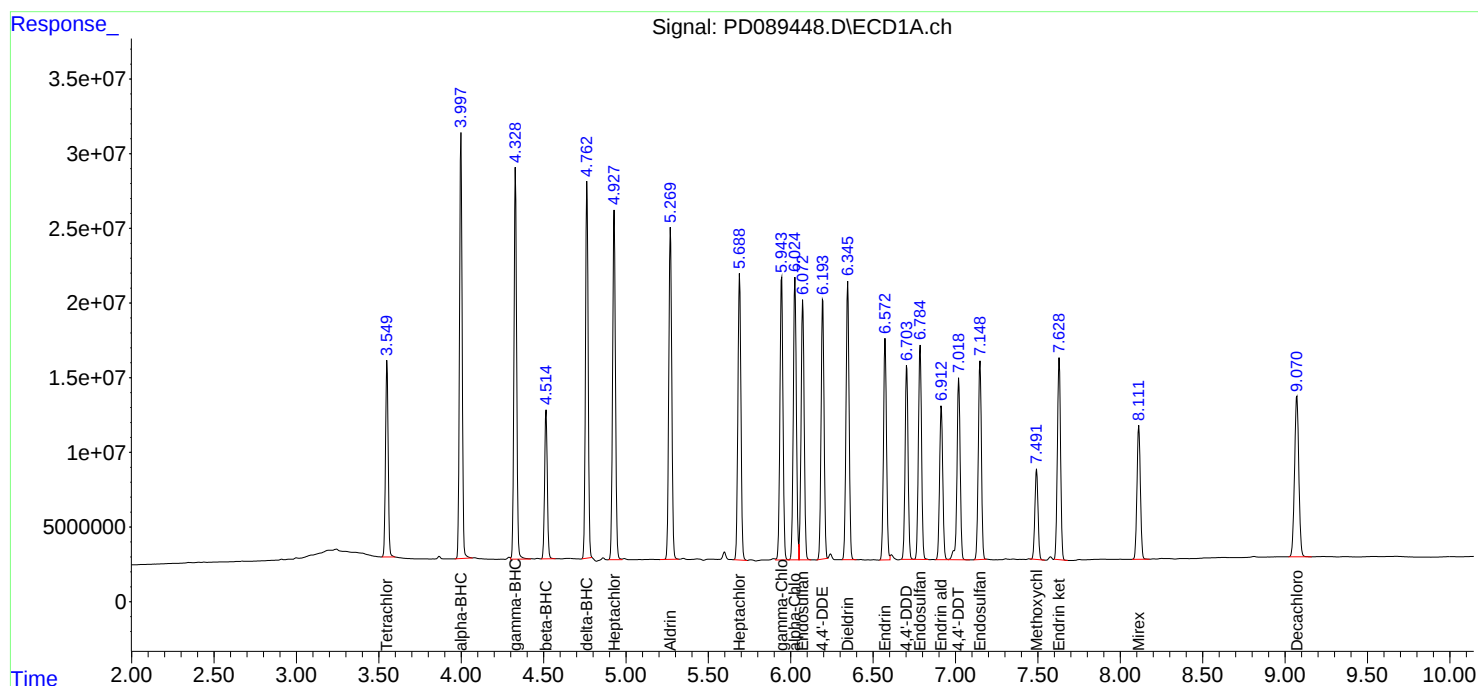
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

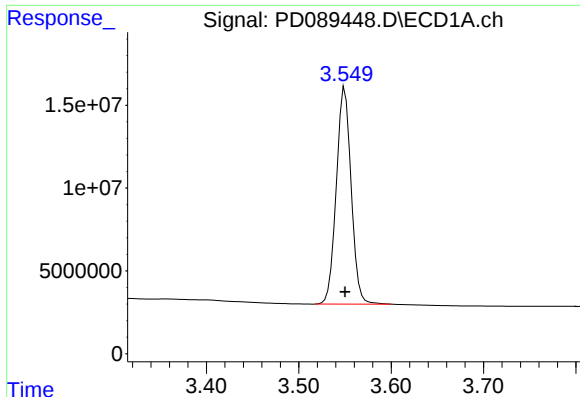
Manual Integrations
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Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:24:41 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.: 3.550 min
Delta R.T.: 0.000 min
Response: 146210028
Conc: 51.25 ng/ml

Instrument :

ECD_D

ClientSampleId :

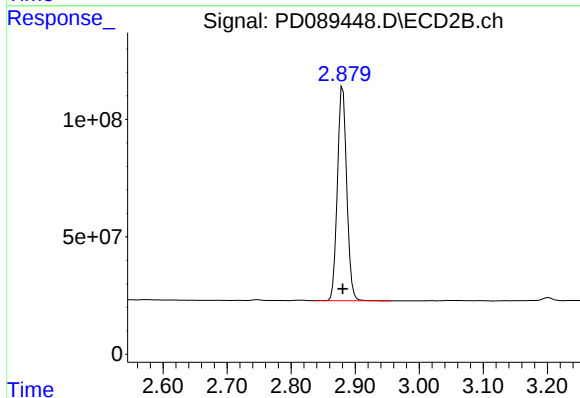
PSTDCCC050

Manual Integrations

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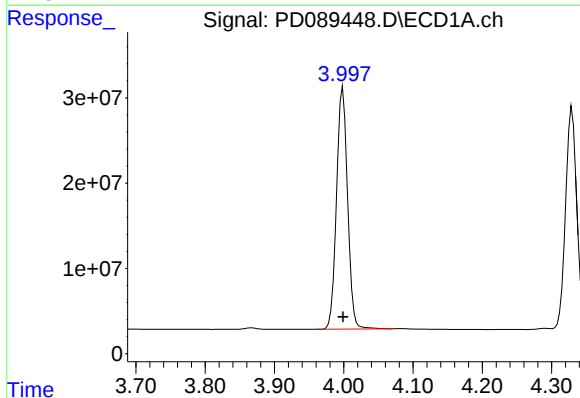
Reviewed By :Abdul Mirza 07/11/2025

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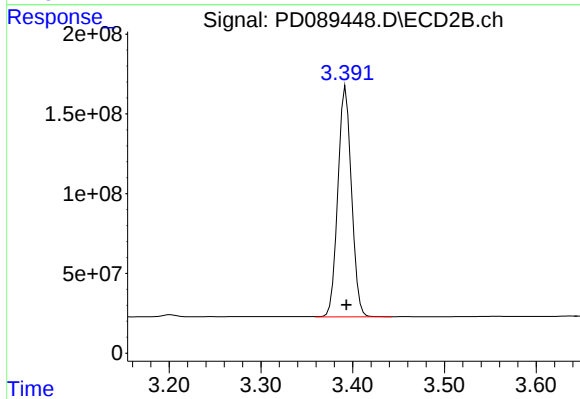
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 925945210
Conc: 54.62 ng/ml



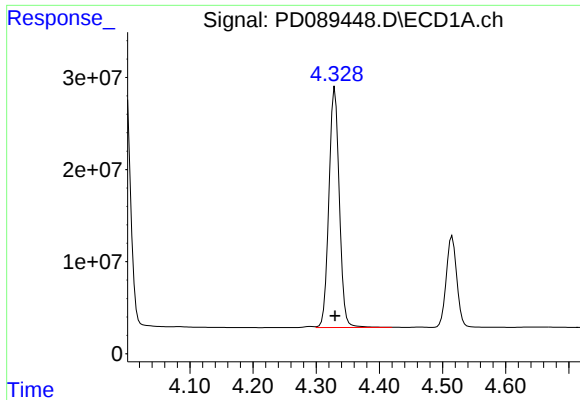
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 314033108
Conc: 53.87 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1491659092
Conc: 55.66 ng/ml



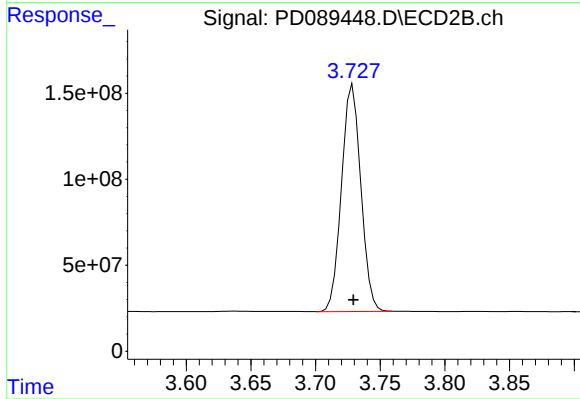
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 298490976
Conc: 53.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

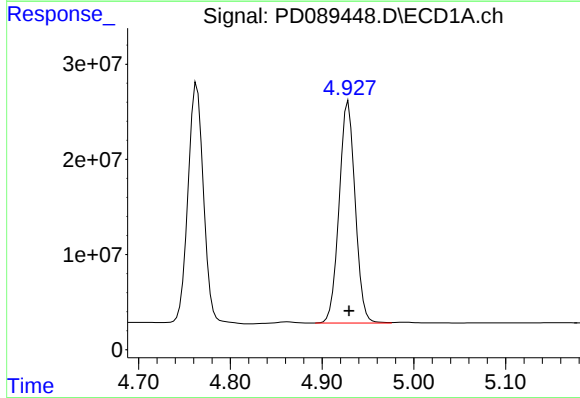
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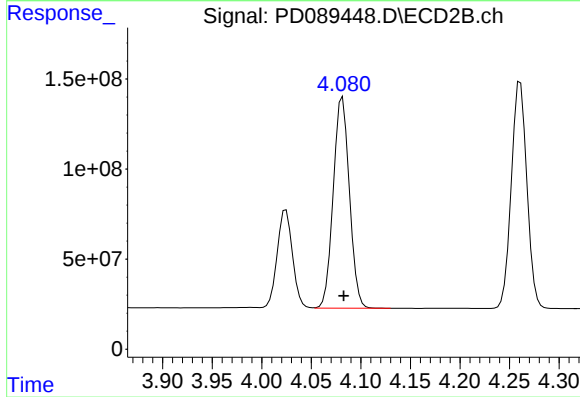
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: -0.002 min
Response: 1370482983
Conc: 55.36 ng/ml m



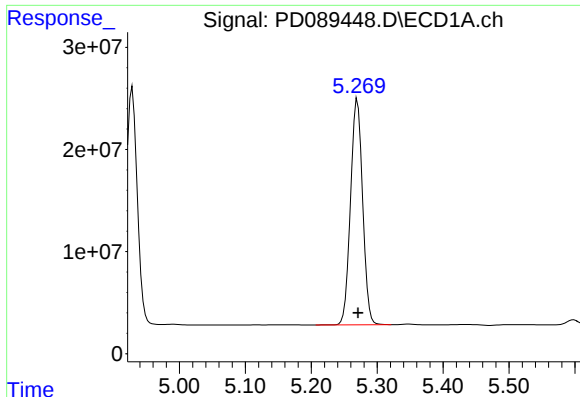
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 282597743
Conc: 51.83 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.001 min
Response: 1328065453
Conc: 53.04 ng/ml



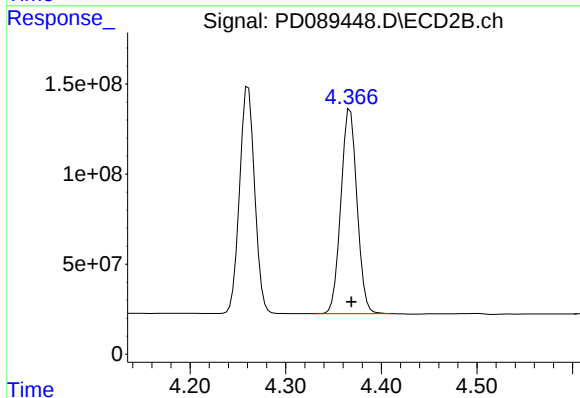
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.001 min
Response: 282301956
Conc: 53.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

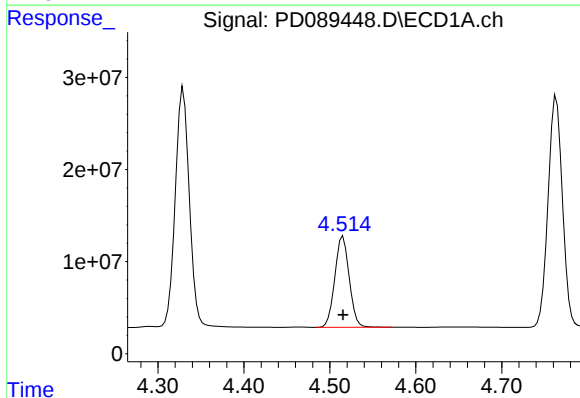
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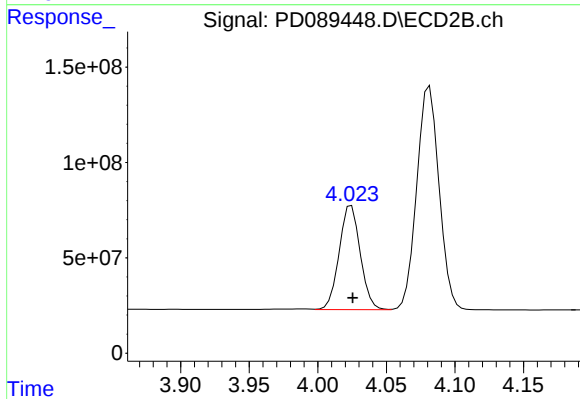
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.001 min
Response: 1335693437
Conc: 55.15 ng/ml



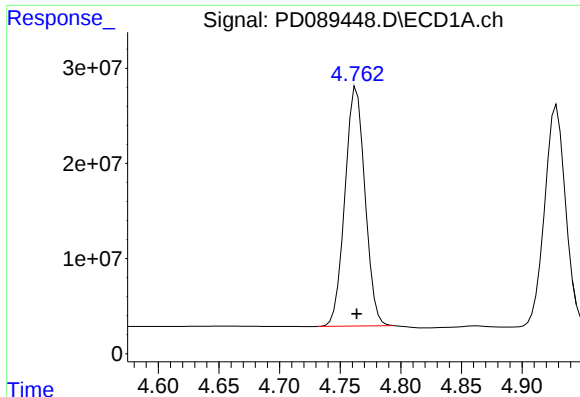
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 114561127
Conc: 51.90 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 585230049
Conc: 54.46 ng/ml



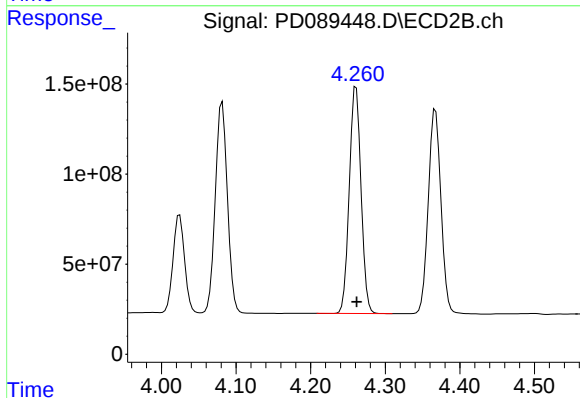
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 289017222
Conc: 56.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

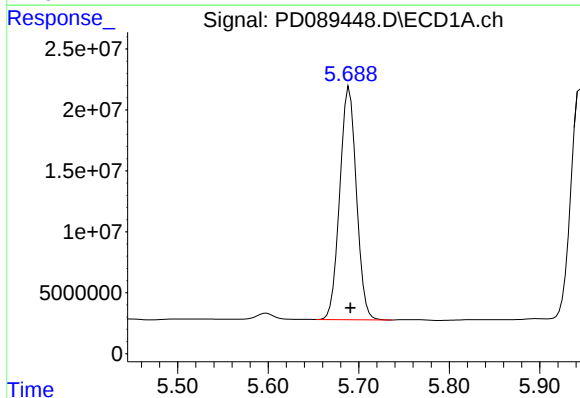
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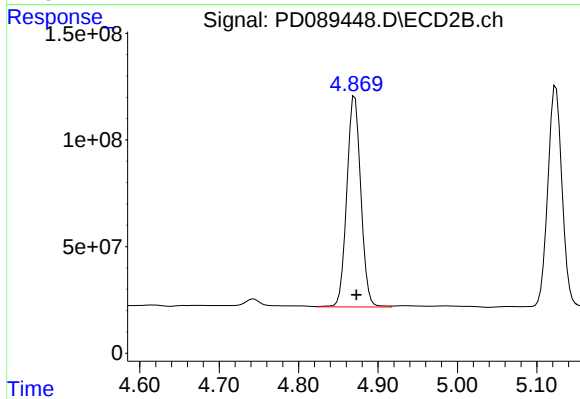
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 1376652024
Conc: 55.35 ng/ml



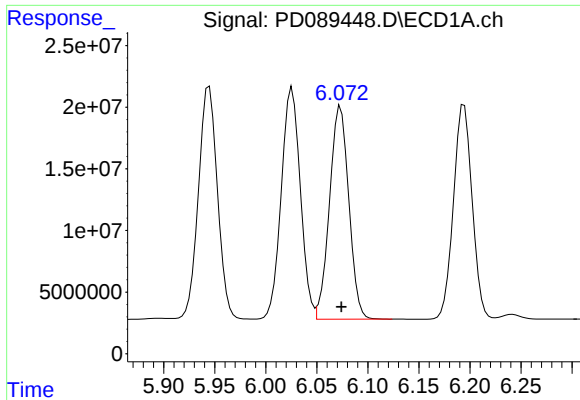
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 244090178
Conc: 50.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.002 min
Response: 1218034802
Conc: 55.62 ng/ml



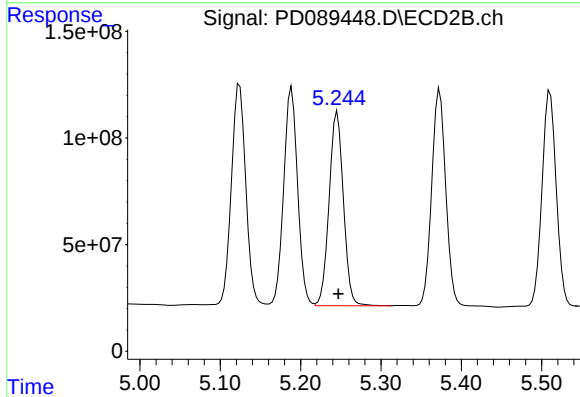
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 227197631
Conc: 50.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

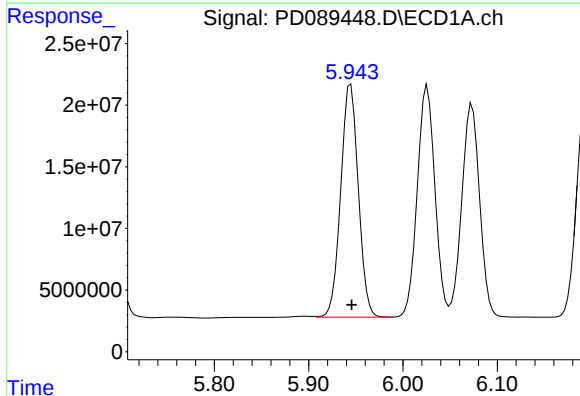
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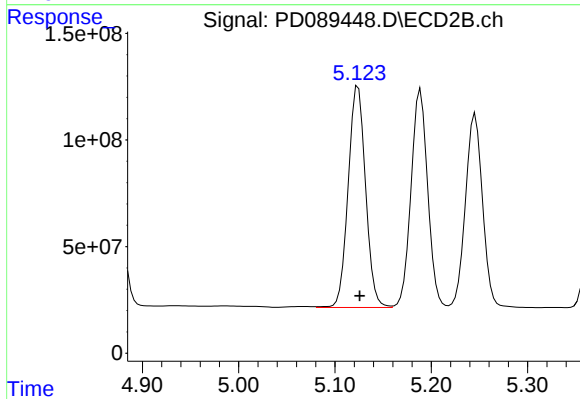
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.001 min
Response: 1128768618
Conc: 54.16 ng/ml



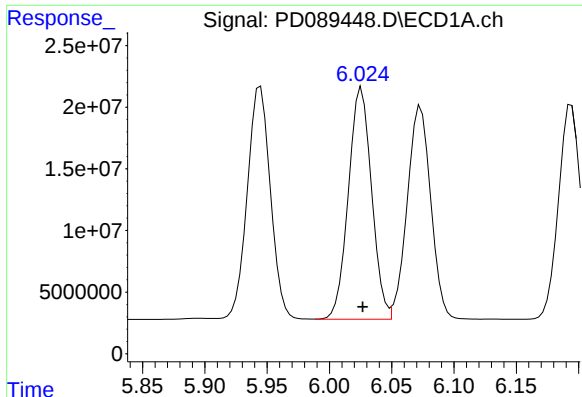
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 245369599
Conc: 51.25 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 1298657304
Conc: 54.29 ng/ml



#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.001 min
Response: 244502187
Conc: 50.53 ng/ml

Instrument :

ECD_D

ClientSampleId :

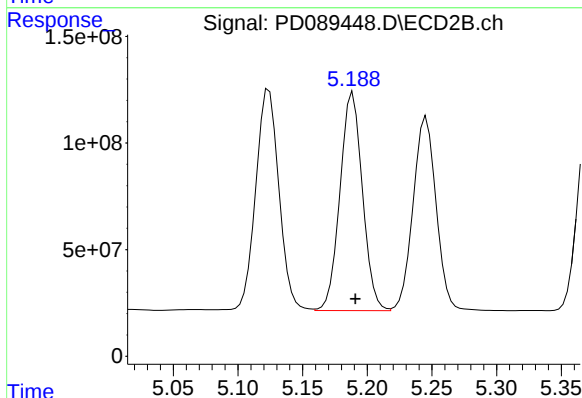
PSTDCCC050

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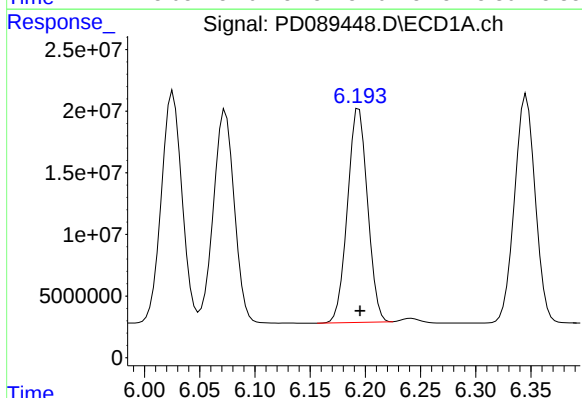
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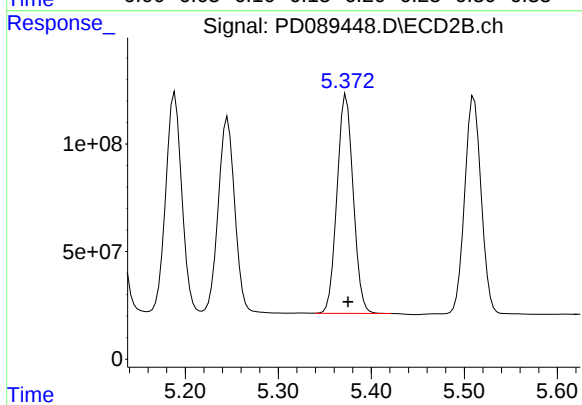
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 1235012319
Conc: 53.94 ng/ml



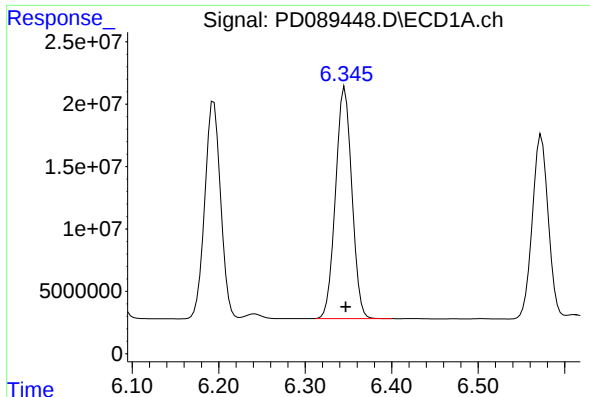
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.001 min
Response: 219479054
Conc: 50.33 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 1230941786
Conc: 53.72 ng/ml



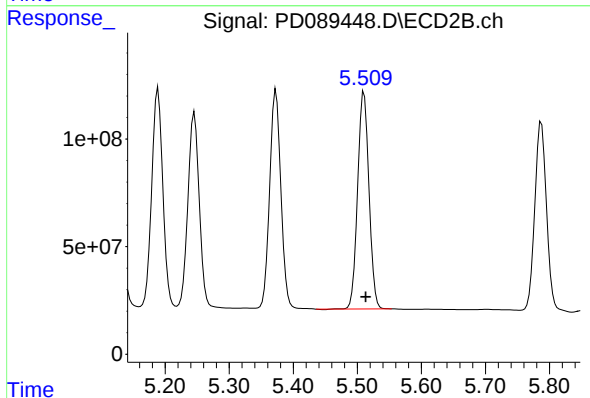
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 241619403
Conc: 50.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

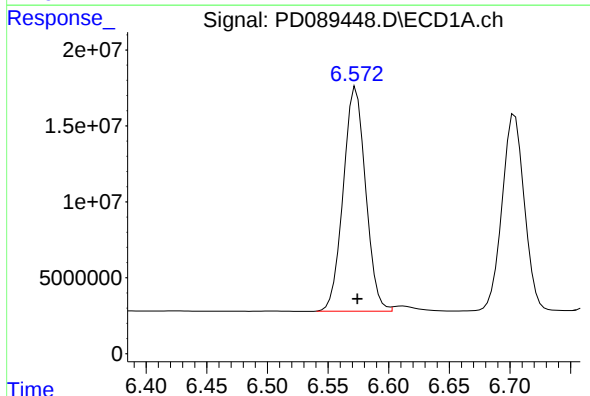
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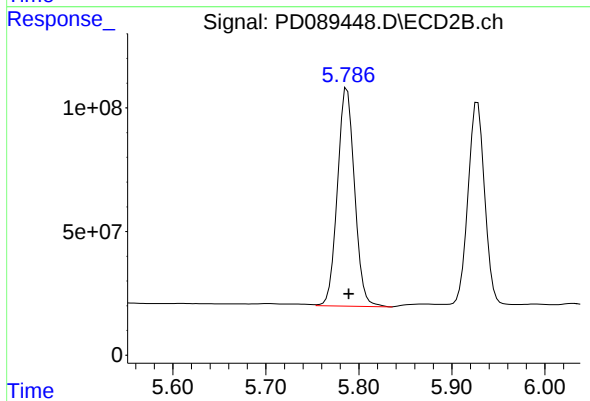
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.003 min
Response: 1242792027
Conc: 53.55 ng/ml



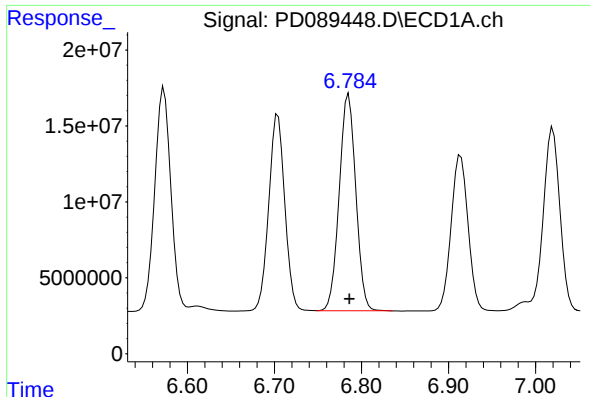
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 189382704
Conc: 45.90 ng/ml



#14 Endrin

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 1128040892
Conc: 51.95 ng/ml



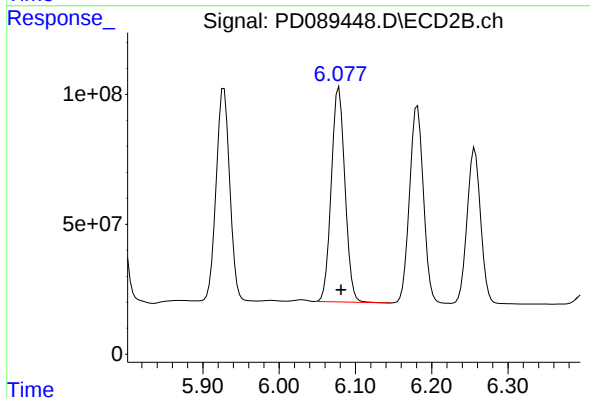
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 188782216
Conc: 46.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

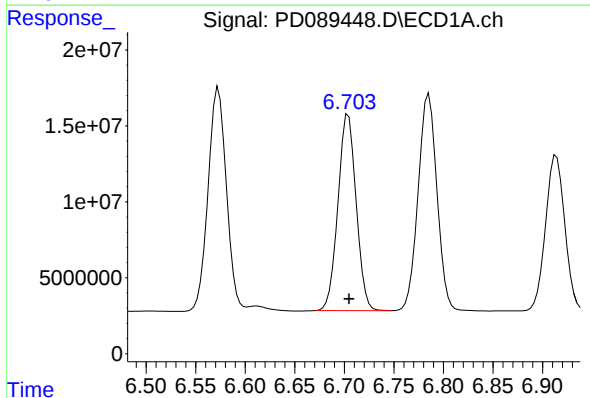
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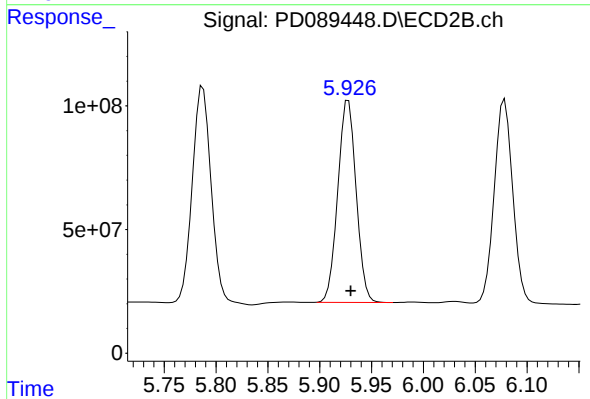
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 1025970799
Conc: 50.80 ng/ml



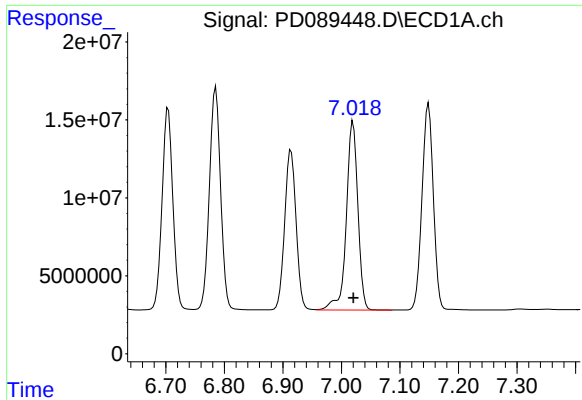
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 165264776
Conc: 48.15 ng/ml



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 1006734043
Conc: 52.63 ng/ml



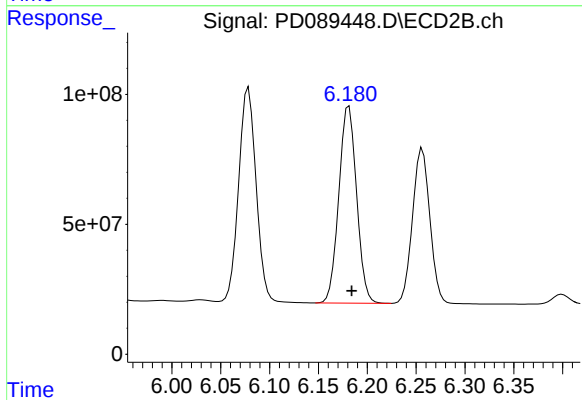
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 165900005
Conc: 43.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

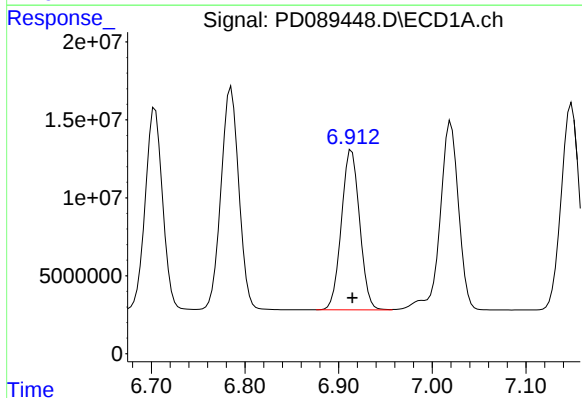
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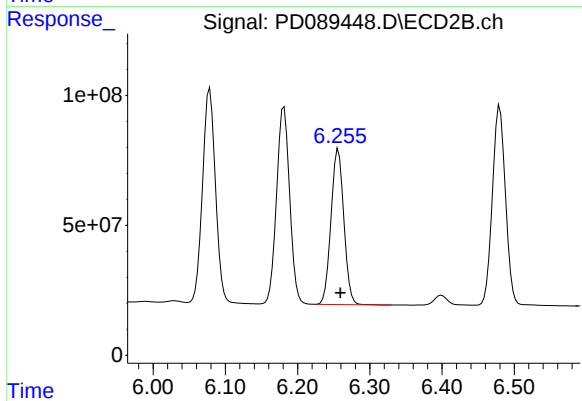
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 961462562
Conc: 47.41 ng/ml



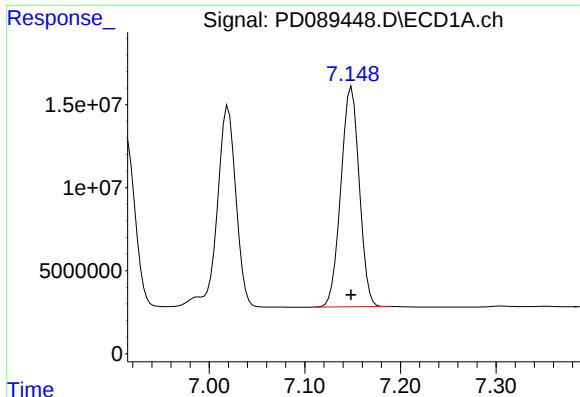
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 138936531
Conc: 45.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 741223250
Conc: 48.41 ng/ml



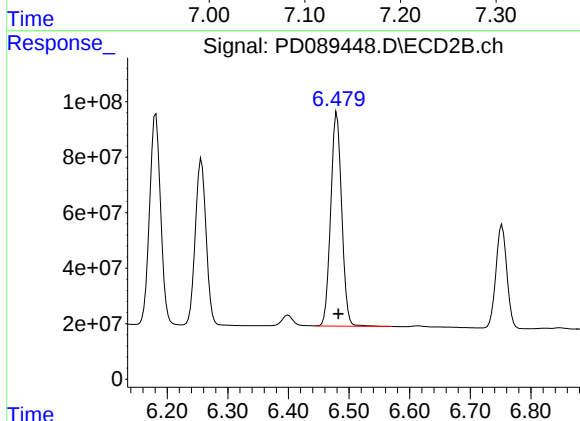
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 177554204
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

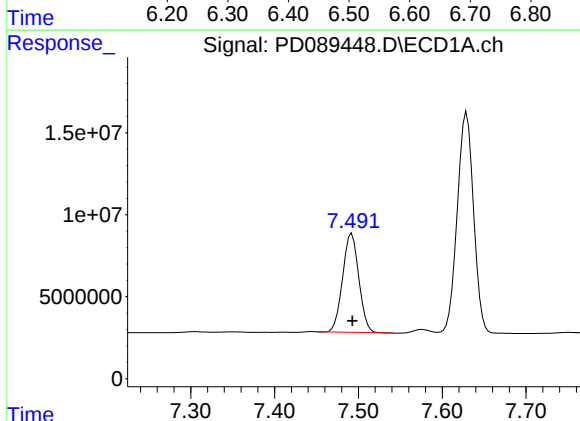
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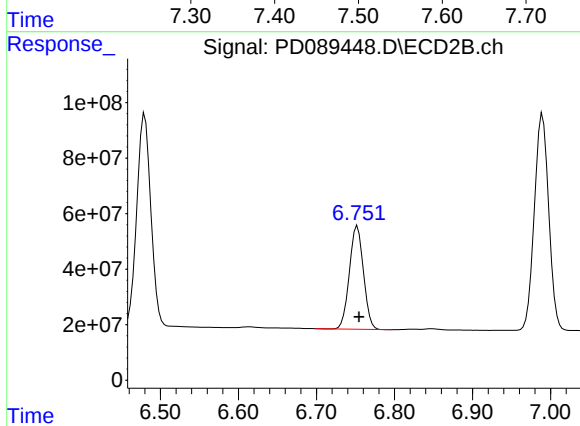
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 969611351
Conc: 49.42 ng/ml



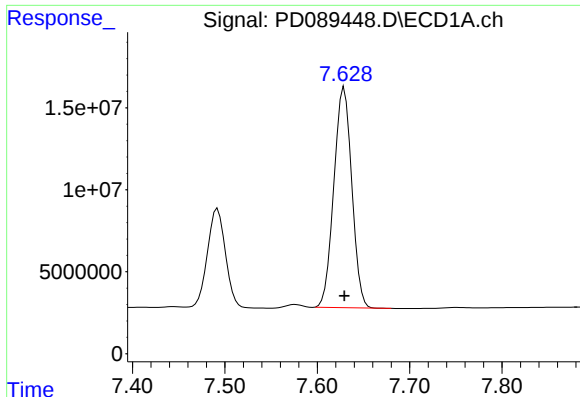
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 80951718
Conc: 40.06 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 465899799
Conc: 43.27 ng/ml



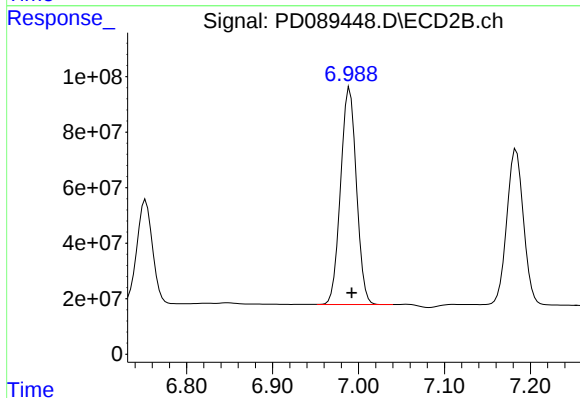
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 181037829
Conc: 44.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

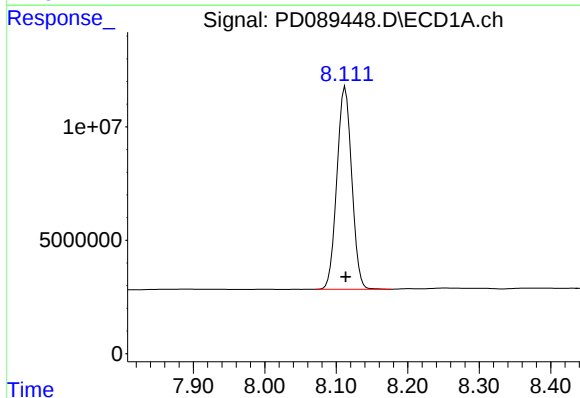
Manual Integrations
APPROVED

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



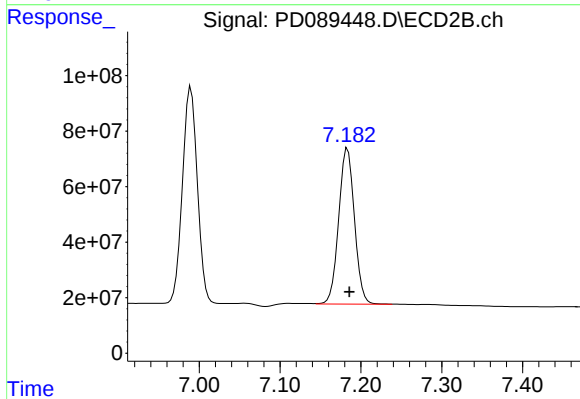
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 1000780933
Conc: 46.33 ng/ml



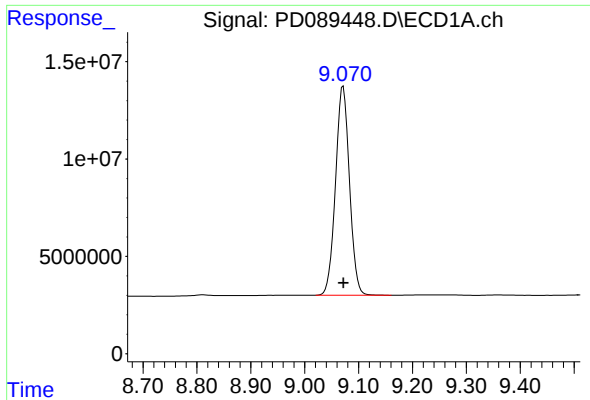
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 128744009
Conc: 42.35 ng/ml



#22 Mirex

R.T.: 7.182 min
Delta R.T.: -0.004 min
Response: 758843440
Conc: 45.50 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 192955730
Conc: 49.13 ng/ml

Instrument :

ECD_D

ClientSampleId :

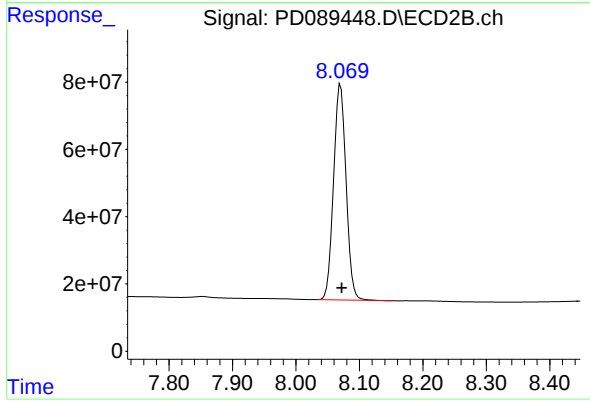
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 879463563
Conc: 44.48 ng/ml