

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061825\
 Data File : PD088997.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 16:47
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 05:23:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:21:59 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...	3.549	2.880	15861136	101.6E6	5.732	6.356
28)	SA Decachlor...	9.073	8.072	23699682	125.5E6	6.281	6.812
Target Compounds							
2)	A alpha-BHC	3.999	3.393	27627643	154.5E6	4.703	5.976 #
3)	MA gamma-BHC...	4.330	3.729	27664017	143.7E6	4.970	6.052
4)	MA Heptachlor	4.929	4.083	28667725	149.5E6	5.350	6.249
5)	MB Aldrin	5.270	4.368	27520008	143.0E6	5.237	6.176
6)	B beta-BHC	4.515	4.025	12578663	65433774	5.884	6.416
7)	B delta-BHC	4.763	4.262	24463430	145.0E6	4.721	6.063 #
8)	B Heptachlo...	5.690	4.873	26734361	133.2E6	5.629	6.394
9)	A Endosulfan I	6.074	5.247	24592339	128.9E6	5.573	6.671
10)	B gamma-Chl...	5.946	5.126	25225085	146.7E6	5.349	6.516
11)	B alpha-Chl...	6.026	5.190	26148512	140.3E6	5.523	6.504
12)	B 4,4'-DDE	6.194	5.375	22175565	137.0E6	5.142	6.280
13)	MA Dieldrin	6.346	5.512	24894050	139.6E6	5.241	6.311
14)	MA Endrin	6.573	5.787	21528490	131.0E6	5.255	6.347m
15)	B Endosulfa...	6.785	6.080	22765018	124.2E6	5.688	6.509
16)	A 4,4'-DDD	6.704	5.929	17603896	115.0E6	5.156	6.321
17)	MA 4,4'-DDT	7.020	6.183	19332472	115.4E6	5.137	5.889
18)	B Endrin al...	6.914	6.259	17443585	96439397	5.885	6.707
19)	B Endosulfa...	7.149	6.482	21359951	121.2E6	5.709	6.553
20)	A Methoxychlor	7.493	6.754	11522878	65700483	5.845	6.404
21)	B Endrin ke...	7.630	6.990	22217957	133.1E6	5.548	6.508m
22)	Mirex	8.113	7.185	18484356	106.1E6	6.367	6.807

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061825\
Data File : PD088997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:47
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

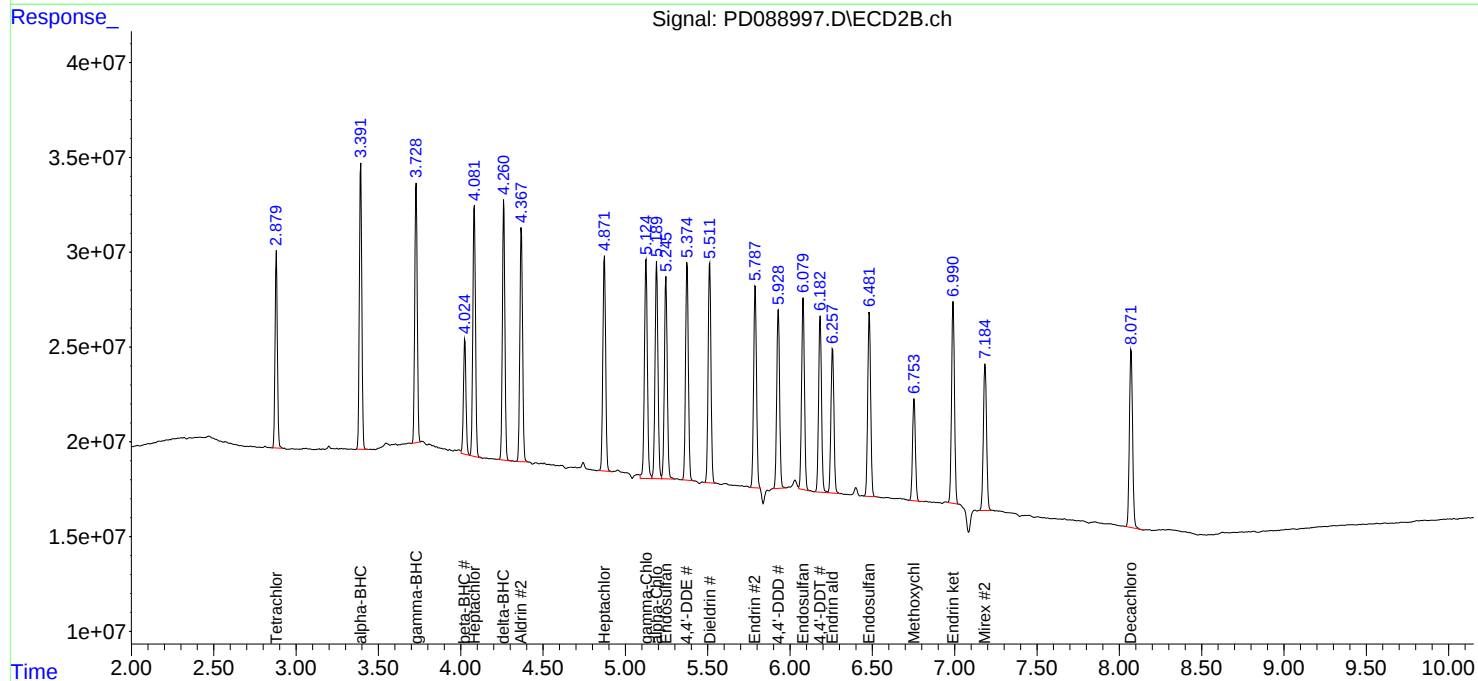
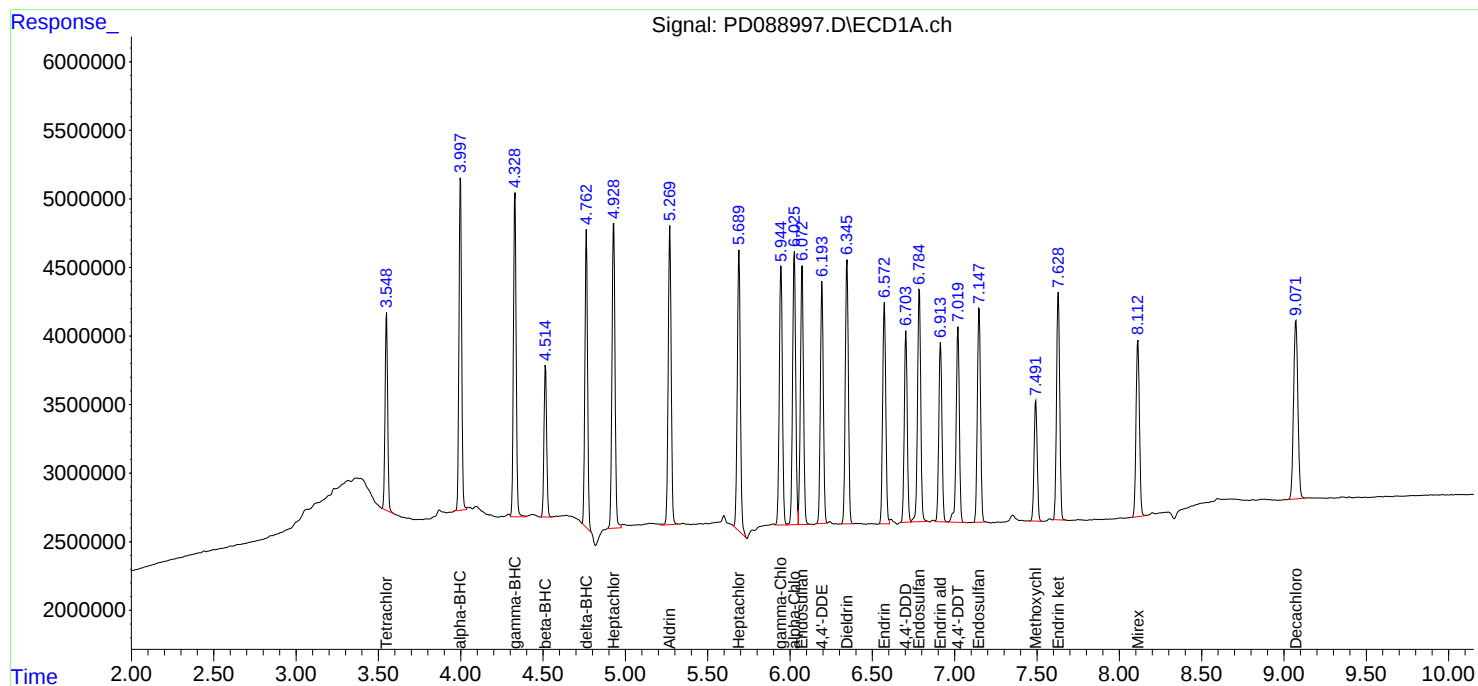
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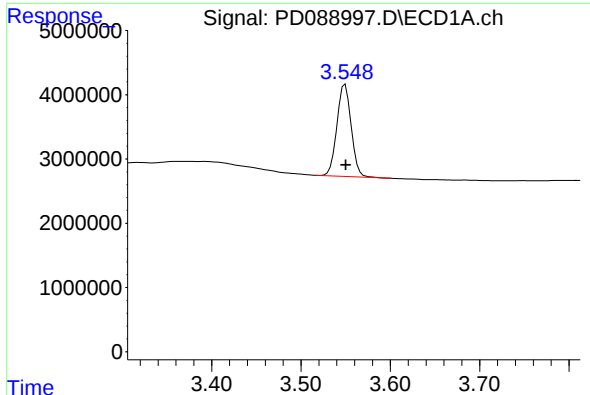
Reviewed By :Abdul Mirza 06/18/2025

Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 05:23:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:21:59 2025
Response via : Initial Calibration
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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





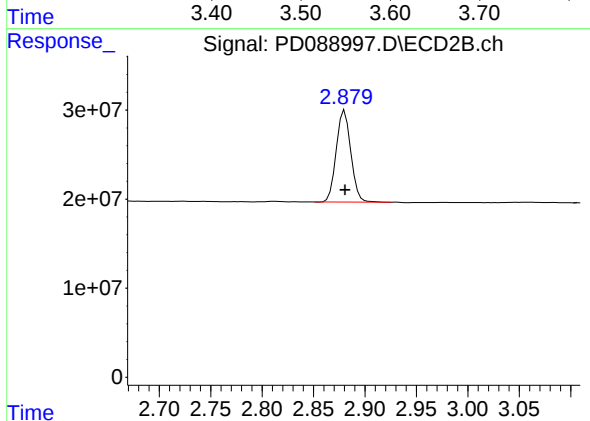
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 15861136
Conc: 5.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

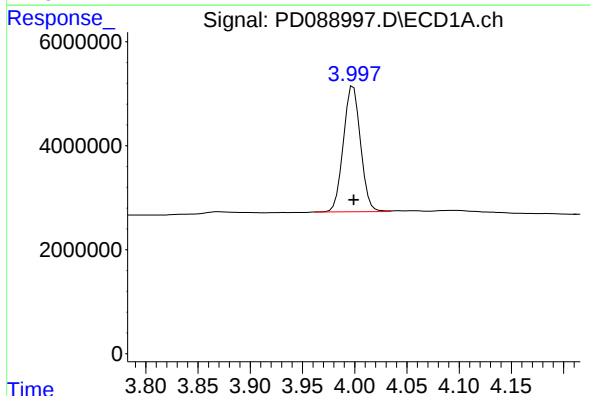
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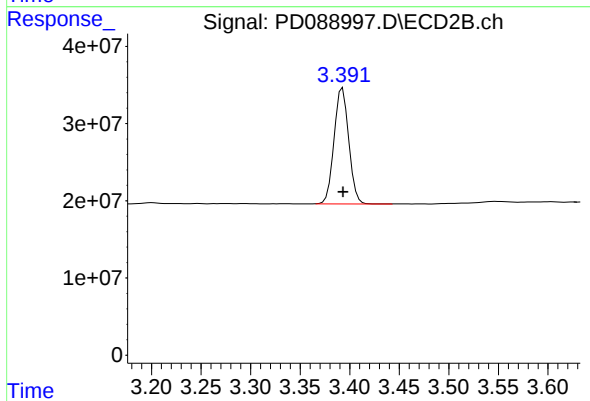
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 101553393
Conc: 6.36 ng/ml



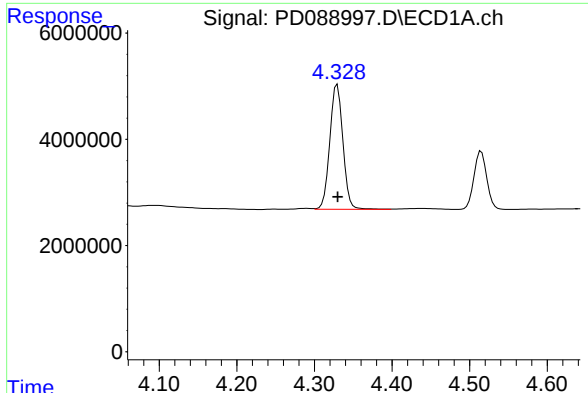
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 27627643
Conc: 4.70 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 154477617
Conc: 5.98 ng/ml



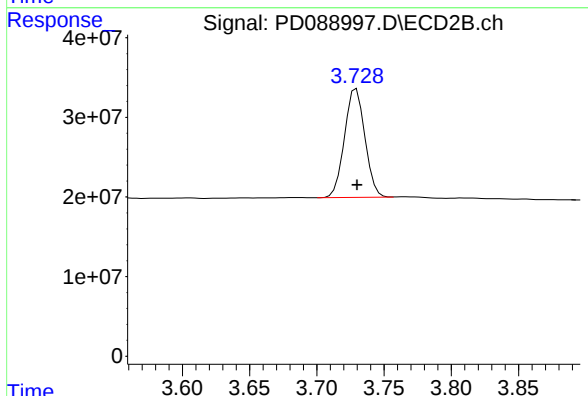
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 27664017
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

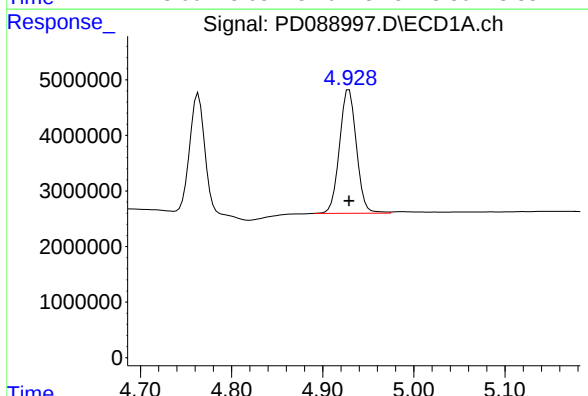
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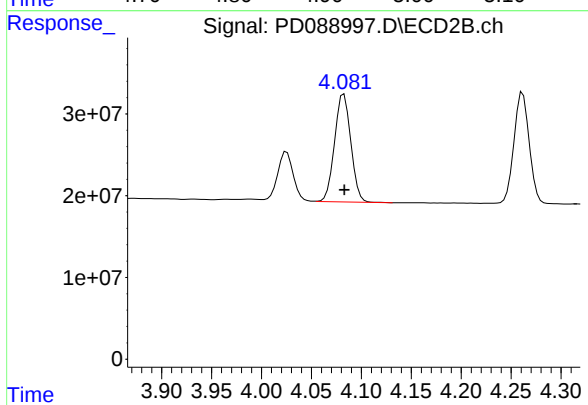
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 143741778
Conc: 6.05 ng/ml



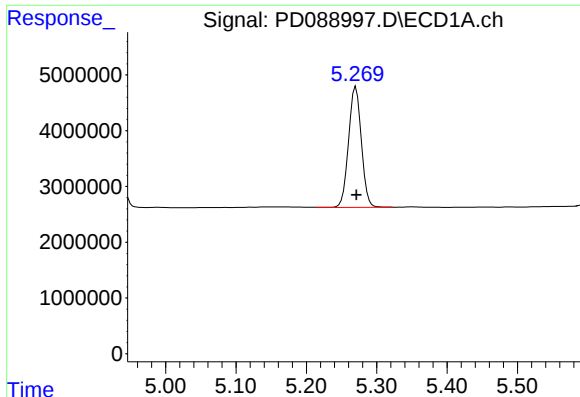
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 28667725
Conc: 5.35 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 149484198
Conc: 6.25 ng/ml



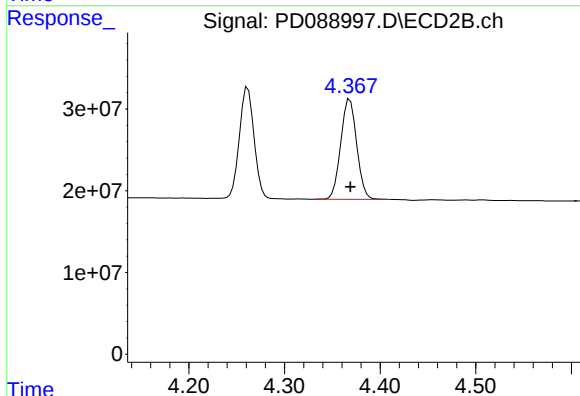
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.001 min
Response: 27520008
Conc: 5.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

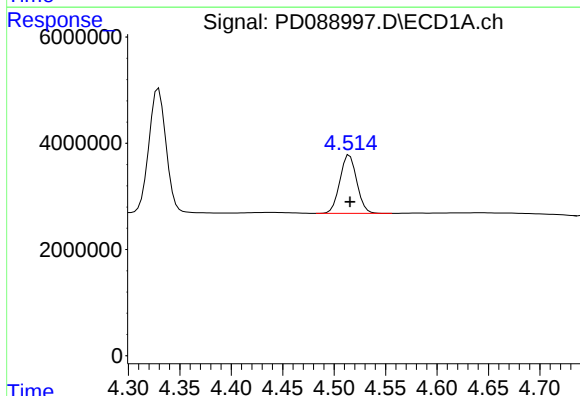
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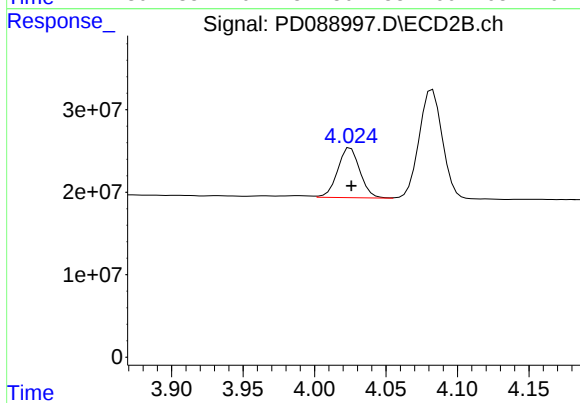
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 143035789
Conc: 6.18 ng/ml



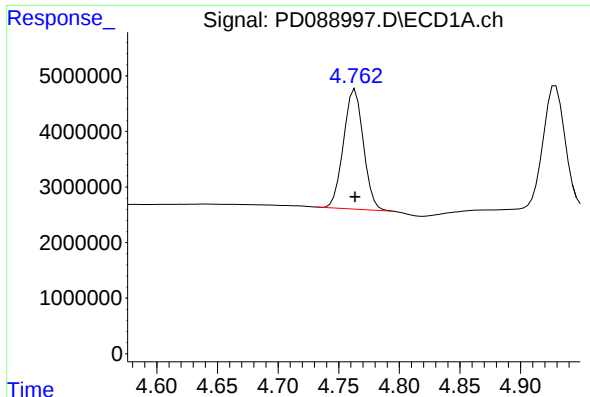
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 12578663
Conc: 5.88 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 65433774
Conc: 6.42 ng/ml



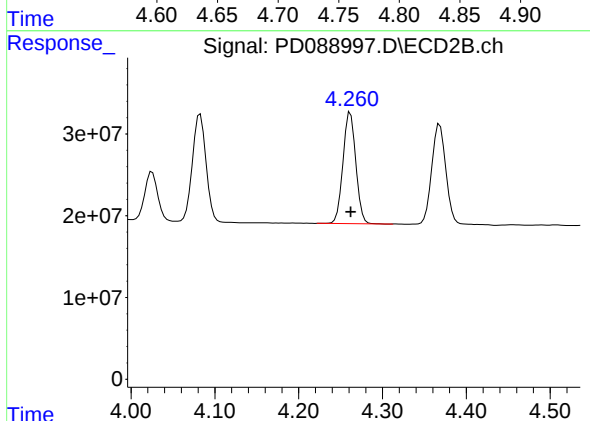
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 24463430
Conc: 4.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

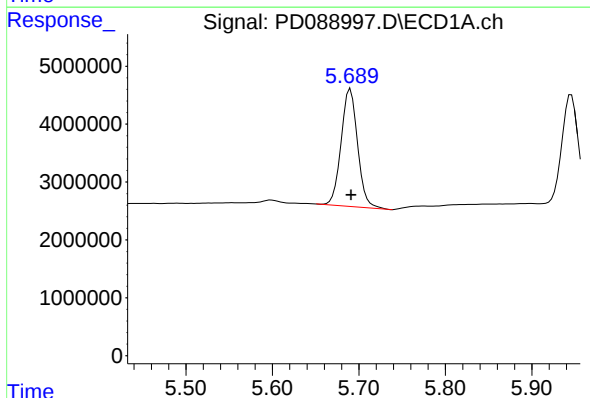
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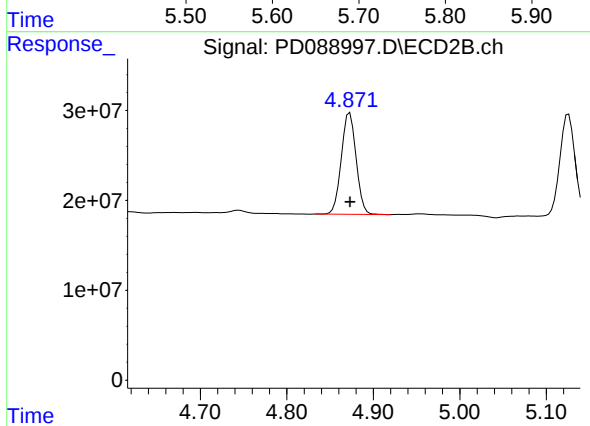
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 145015026
Conc: 6.06 ng/ml



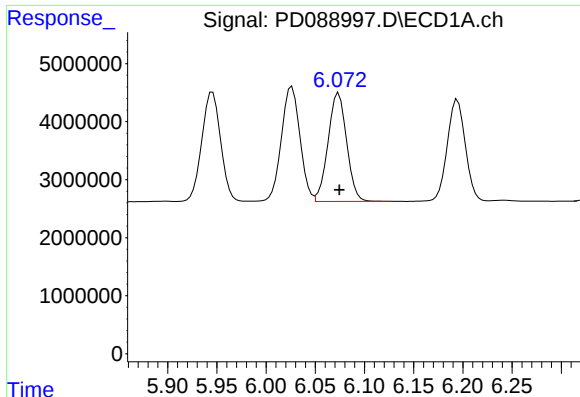
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 26734361
Conc: 5.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 133176110
Conc: 6.39 ng/ml



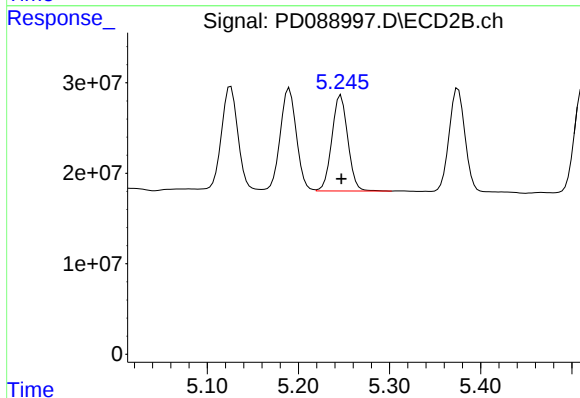
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 24592339
Conc: 5.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

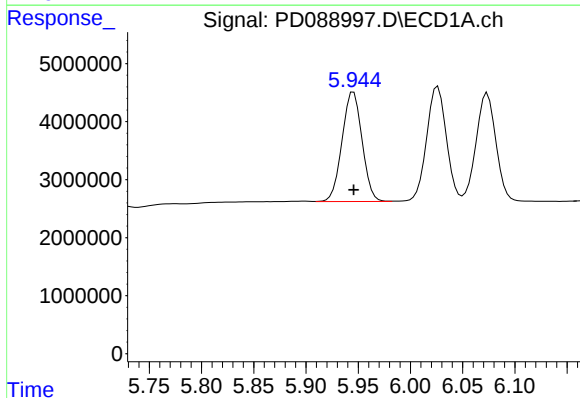
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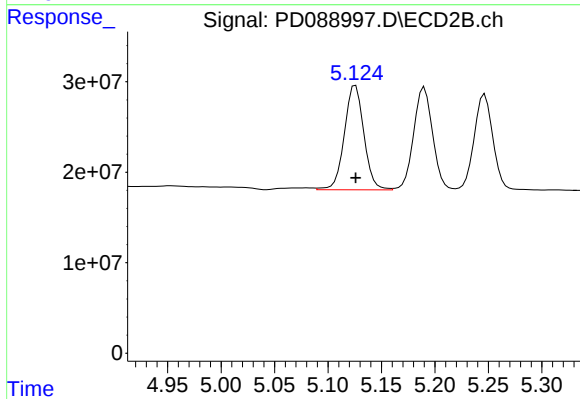
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 128862837
Conc: 6.67 ng/ml



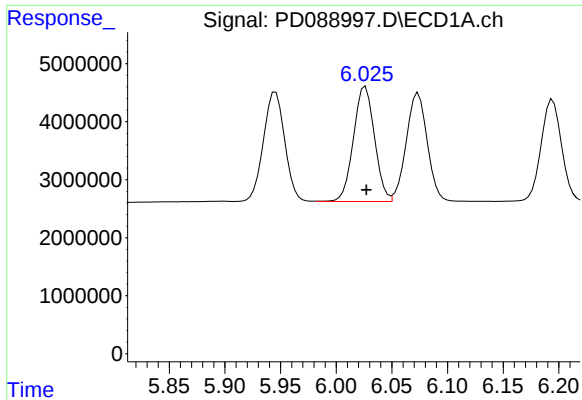
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 25225085
Conc: 5.35 ng/ml



#10 gamma-Chlordane

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 146743904
Conc: 6.52 ng/ml



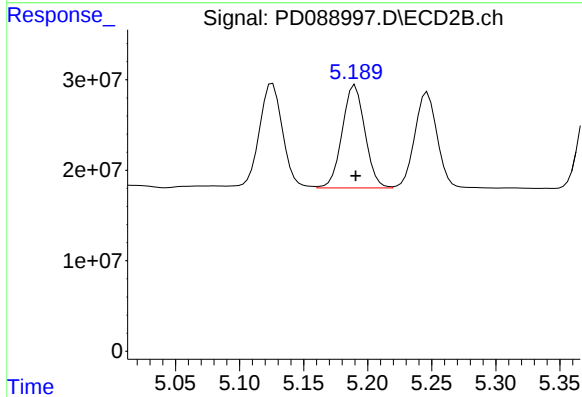
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 26148512
Conc: 5.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

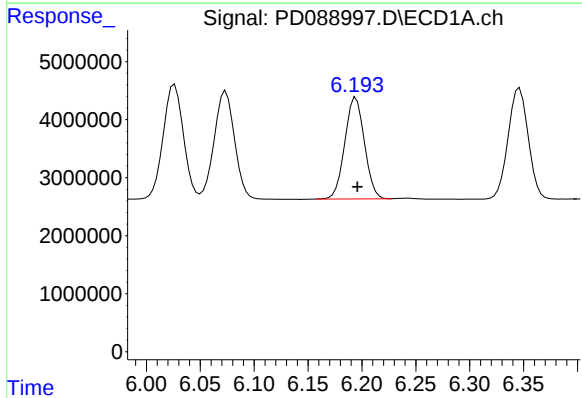
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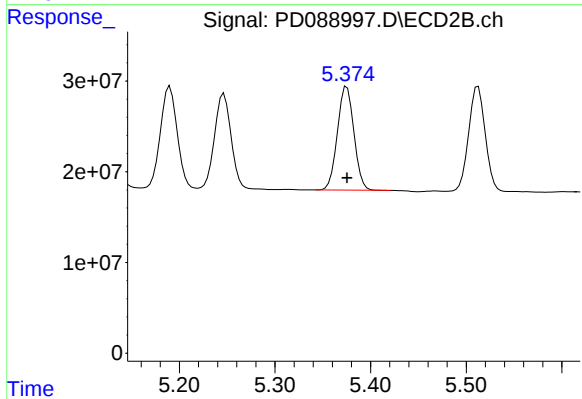
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 140296498
Conc: 6.50 ng/ml



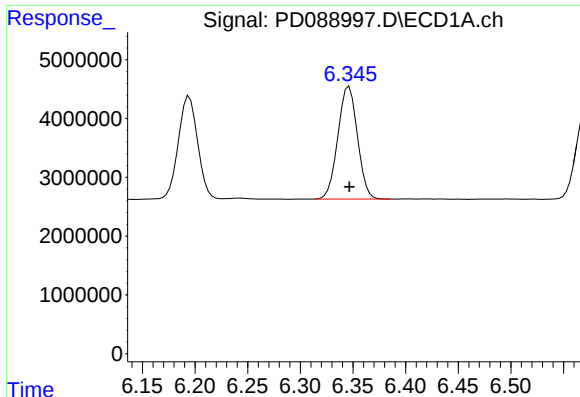
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 22175565
Conc: 5.14 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 137044852
Conc: 6.28 ng/ml



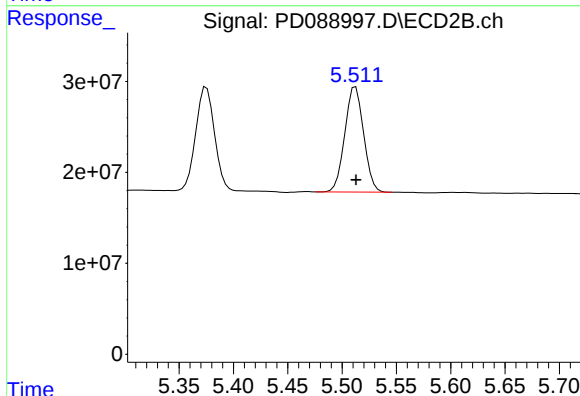
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 24894050
Conc: 5.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

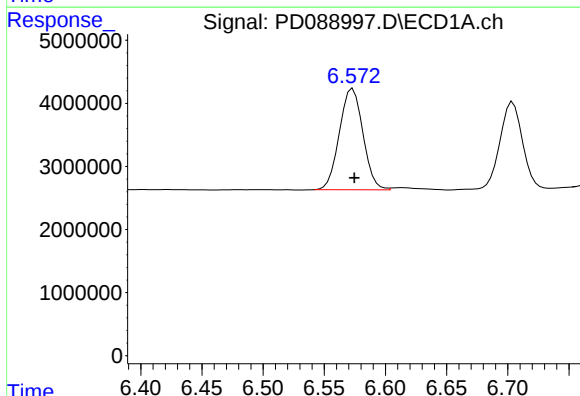
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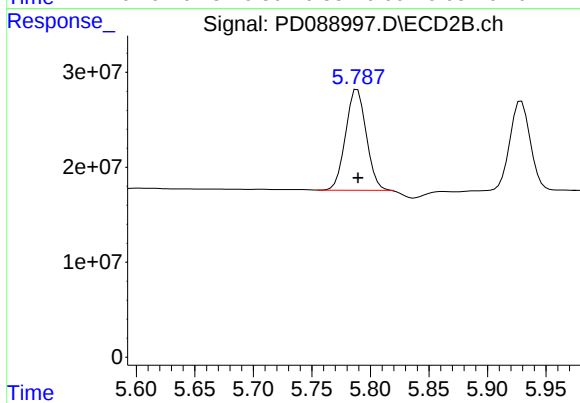
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 139596232
Conc: 6.31 ng/ml



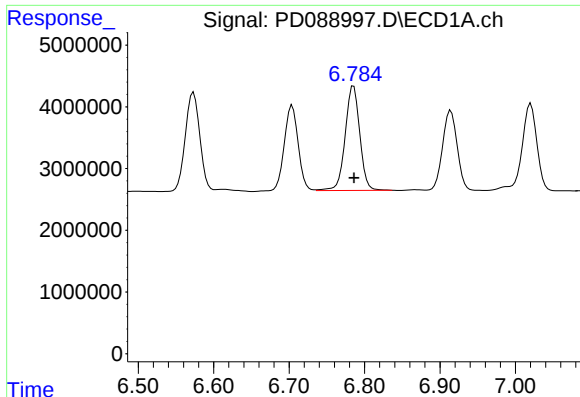
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 21528490
Conc: 5.26 ng/ml



#14 Endrin

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 131032277
Conc: 6.35 ng/ml m



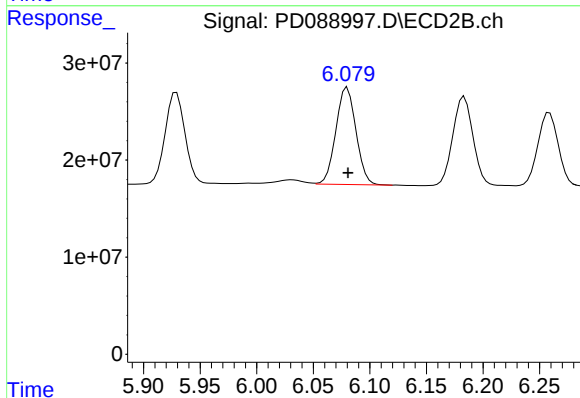
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 22765018
Conc: 5.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

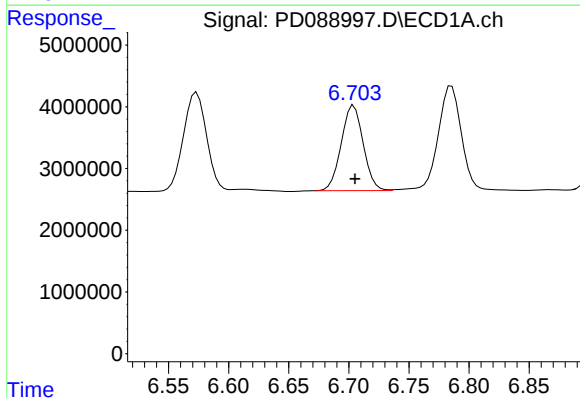
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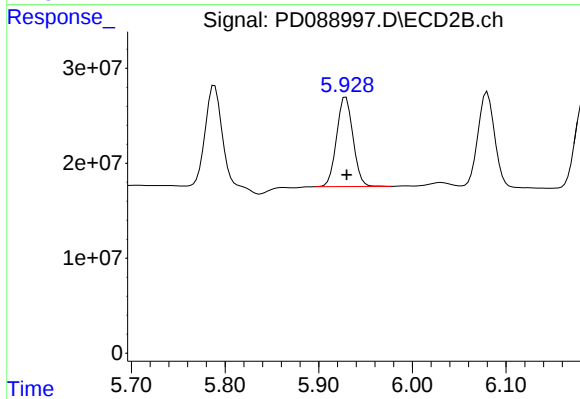
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 124233832
Conc: 6.51 ng/ml



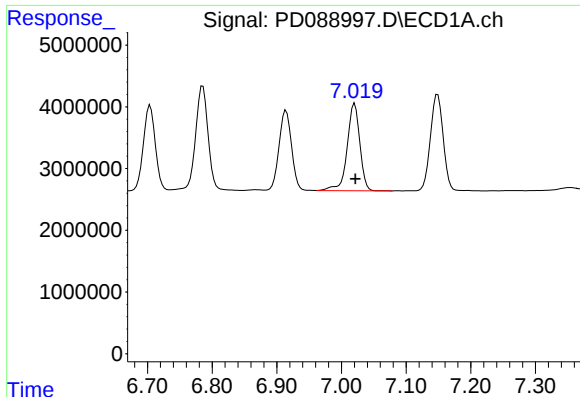
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 17603896
Conc: 5.16 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 114981099
Conc: 6.32 ng/ml



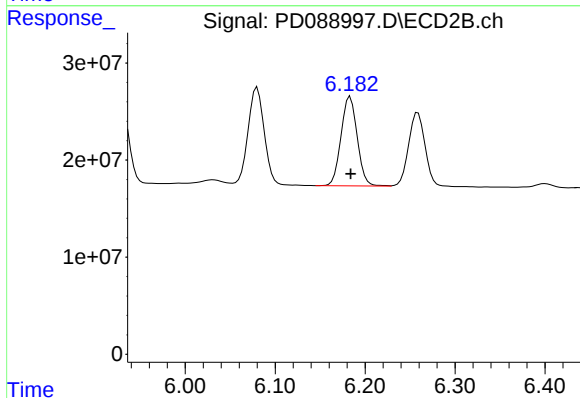
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 19332472
Conc: 5.14 ng/ml

Instrument :
ECD_D
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PSTDICC005

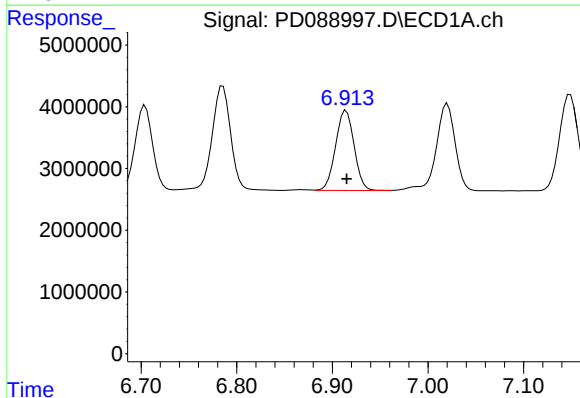
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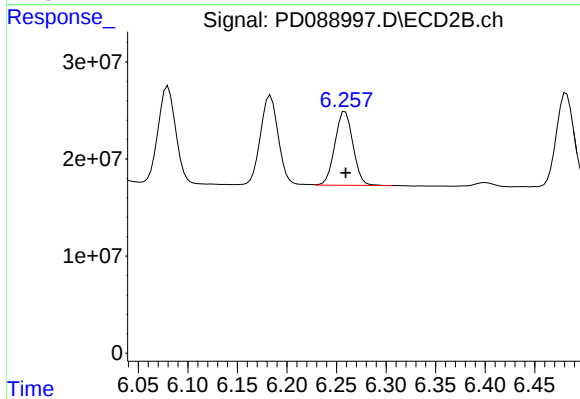
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 115392624
Conc: 5.89 ng/ml



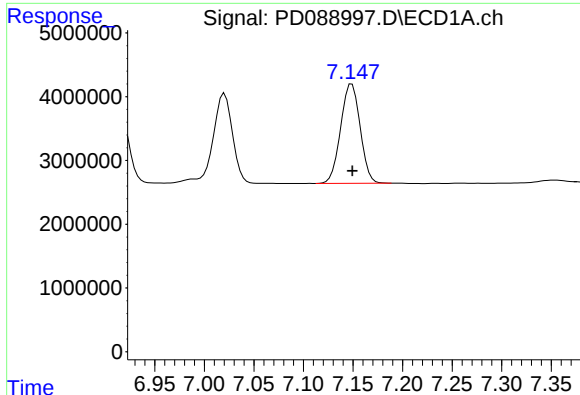
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 17443585
Conc: 5.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 96439397
Conc: 6.71 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 21359951
Conc: 5.71 ng/ml

Instrument :

ECD_D

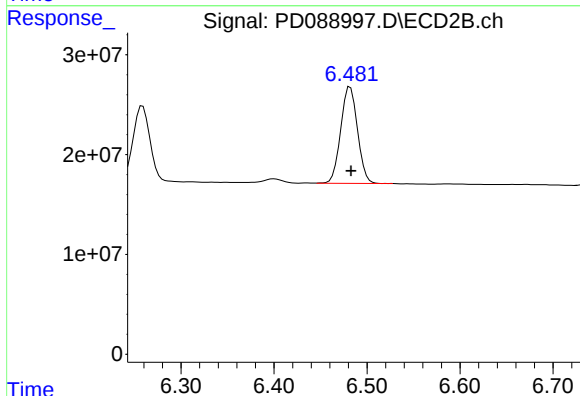
ClientSampleId :

PSTDICC005

Manual Integrations

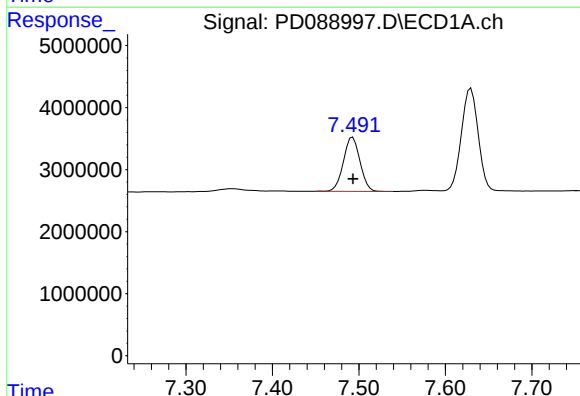
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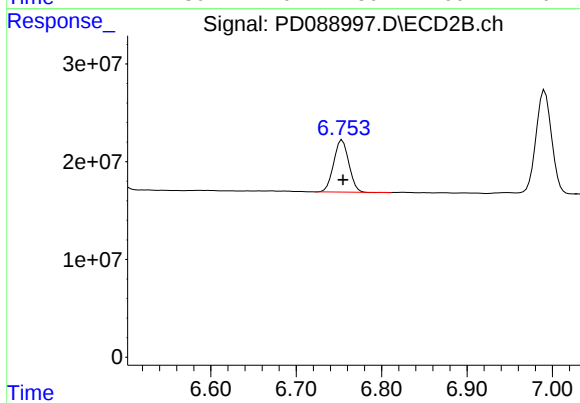
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 121172400
Conc: 6.55 ng/ml



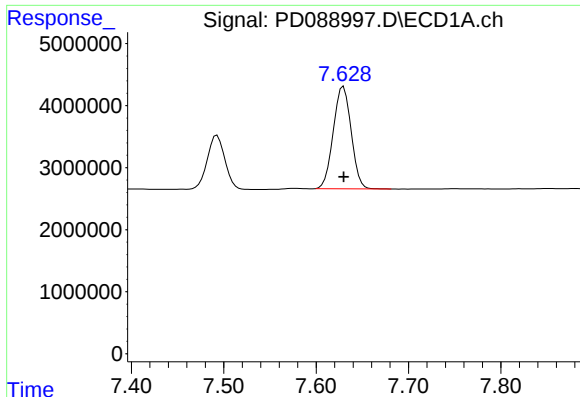
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 11522878
Conc: 5.84 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: -0.001 min
Response: 65700483
Conc: 6.40 ng/ml



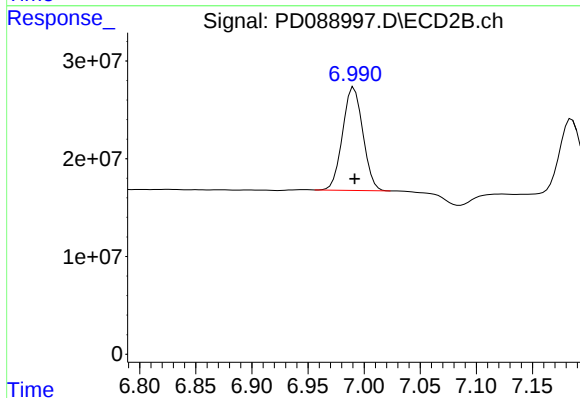
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 22217957
Conc: 5.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

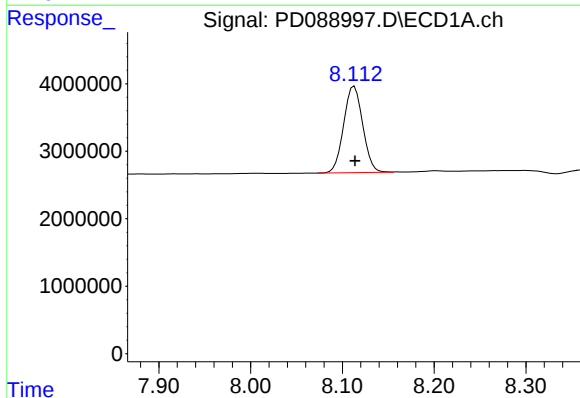
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



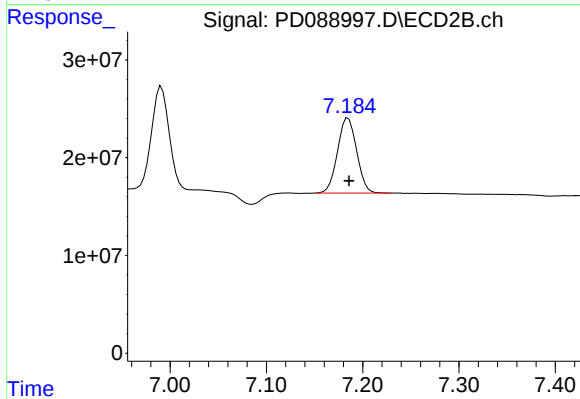
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 133073231
Conc: 6.51 ng/ml m



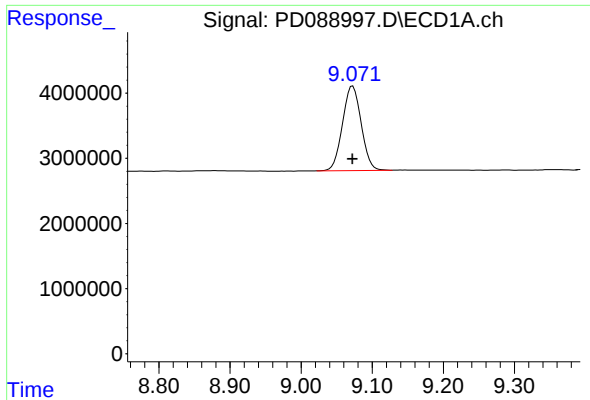
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 18484356
Conc: 6.37 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 106067660
Conc: 6.81 ng/ml



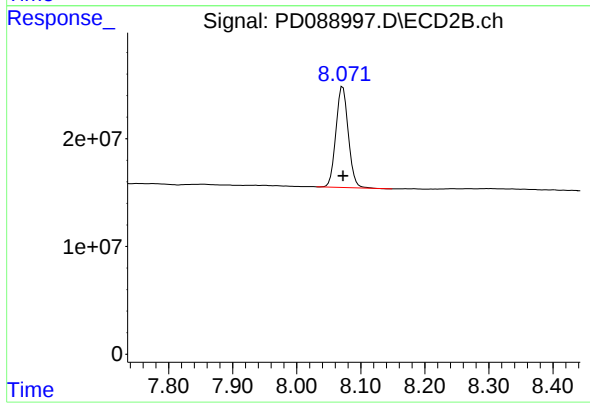
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.000 min
Response: 23699682
Conc: 6.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 125537439
Conc: 6.81 ng/ml