

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031325\
 Data File : PD087964.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 16:24
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC025

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 03/18/2025

Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 02:31:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031325.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 13 02:27:03 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...	3.553	2.885	46407624	356.3E6	25.421	26.612
28)	SA Decachlor...	9.080	8.081	78161297	411.1E6	26.272	26.942
Target Compounds							
2)	A alpha-BHC	4.003	3.398	96400004	546.4E6	23.423	26.051
3)	MA gamma-BHC...	4.334	3.734	92420834	511.0E6	23.601	26.301
4)	MA Heptachlor	4.934	4.089	91981756	514.8E6	23.791	26.542
5)	MB Aldrin	5.276	4.375	90421020	502.1E6	24.231	26.436
6)	B beta-BHC	4.519	4.030	38794494	227.5E6	25.598	26.866
7)	B delta-BHC	4.767	4.267	92652180	507.1E6	23.690	26.157
8)	B Heptachlo...	5.696	4.879	83458377	459.3E6	24.735	26.667
9)	A Endosulfan I	6.079	5.254	79394458	439.4E6	24.899	26.671
10)	B gamma-Chl...	5.951	5.132	83631552	489.1E6	24.549	26.673
11)	B alpha-Chl...	6.032	5.197	84109231	475.0E6	24.740	27.084
12)	B 4,4'-DDE	6.200	5.382	75105430	467.8E6	24.194	26.285
13)	MA Dieldrin	6.352	5.520	83249086	480.6E6	24.341	26.492
14)	MA Endrin	6.579	5.796	69202993	436.4E6	24.030	26.497
15)	B Endosulfa...	6.790	6.087	72098856	424.5E6	25.023	26.748
16)	A 4,4'-DDD	6.709	5.937	58410903	391.9E6	24.323	26.534
17)	MA 4,4'-DDT	7.025	6.191	65094088	408.8E6	24.283m	26.137
18)	B Endrin al...	6.919	6.265	56727457	334.5E6	25.782	27.230
19)	B Endosulfa...	7.154	6.489	67977071	418.1E6	25.146	26.803
20)	A Methoxychlor	7.498	6.762	36502111	222.2E6	25.606	27.050
21)	B Endrin ke...	7.636	6.999	73093793	450.1E6	24.816	26.832
22)	Mirex	8.119	7.193	57394854	361.5E6	26.369	27.231

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031325\
Data File : PD087964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 16:24
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC025

Manual Integrations

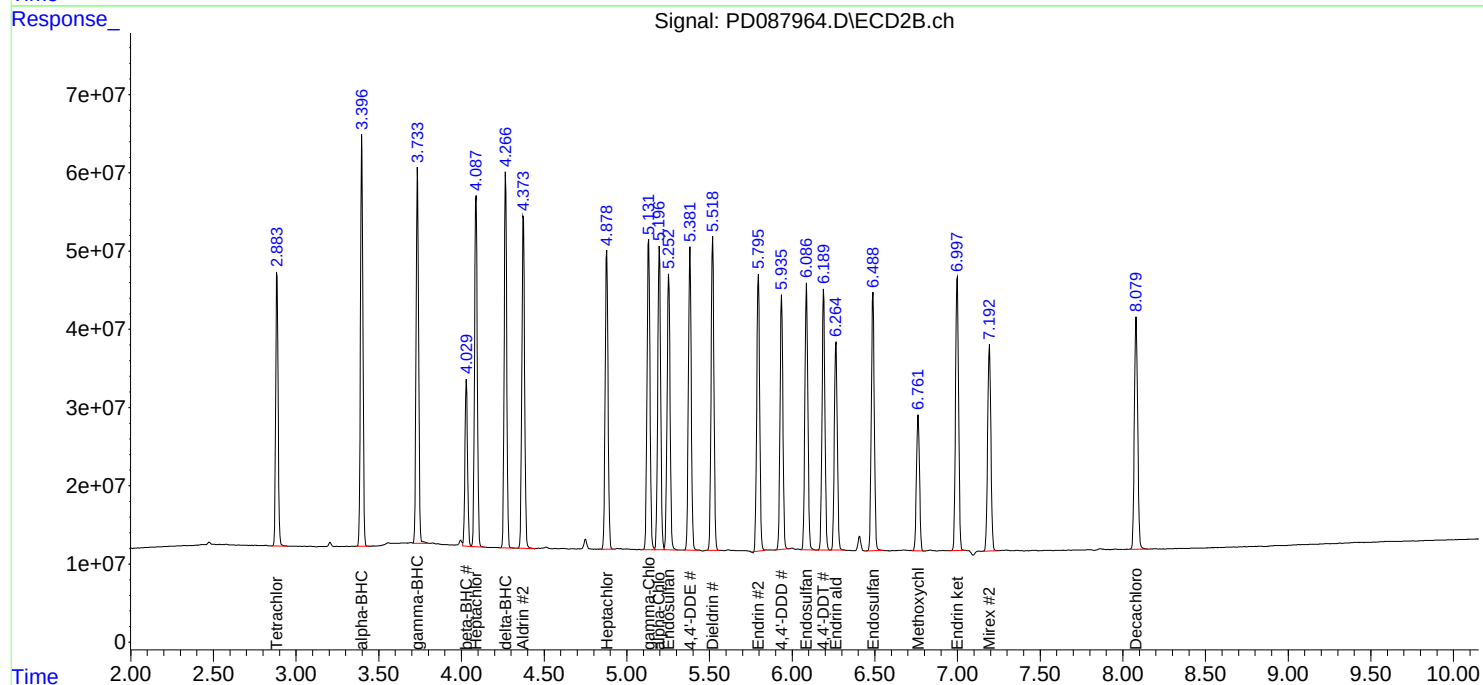
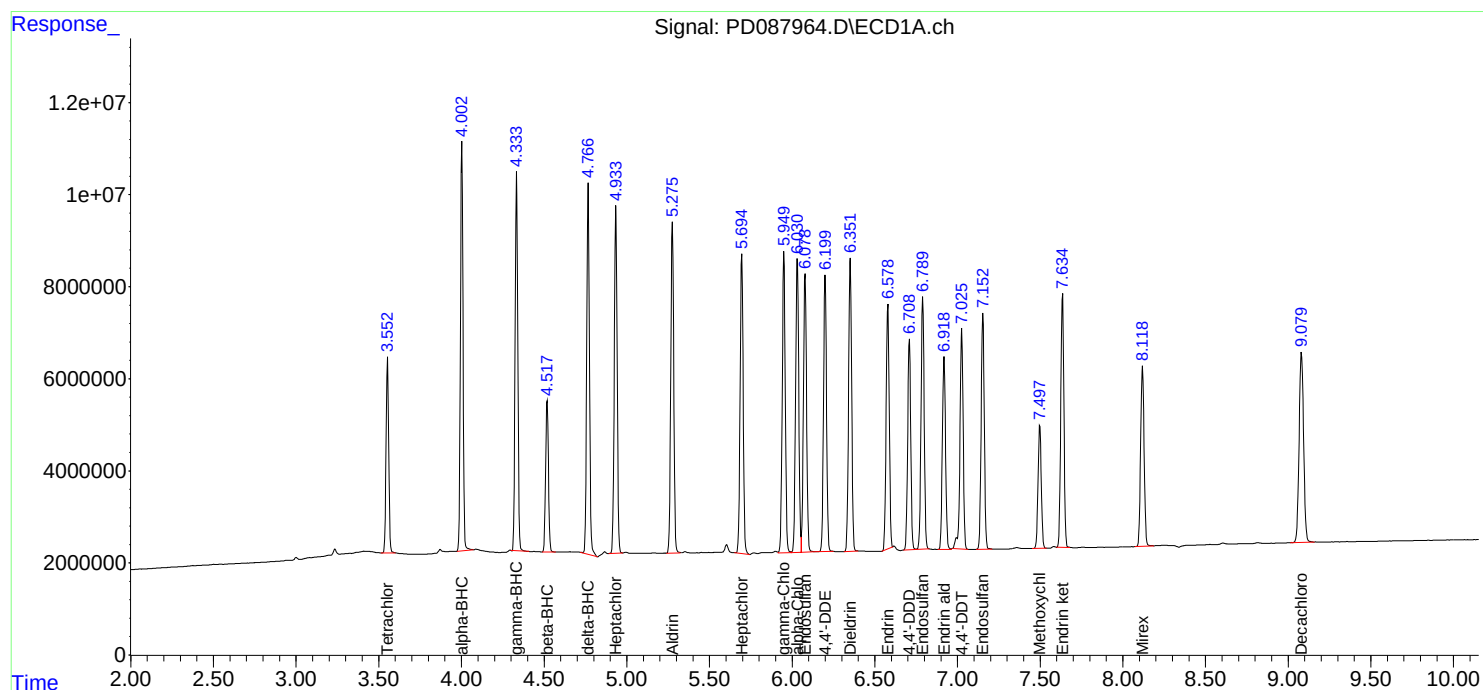
APPROVED

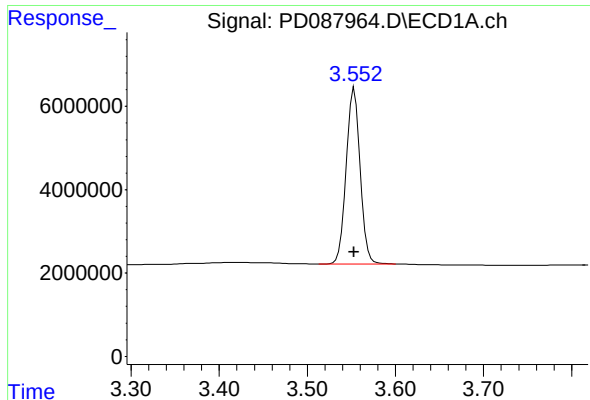
Reviewed By :Abdul Mirza 03/18/2025

Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 02:31:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031325.M
Quant Title : GC Extractables
QLast Update : Thu Mar 13 02:27:03 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





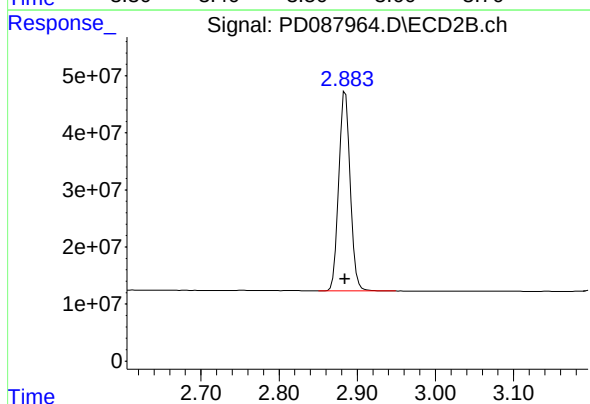
#1 Tetrachloro-m-xylene

R.T.: 3.553 min
Delta R.T.: 0.000 min
Response: 46407624
Conc: 25.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

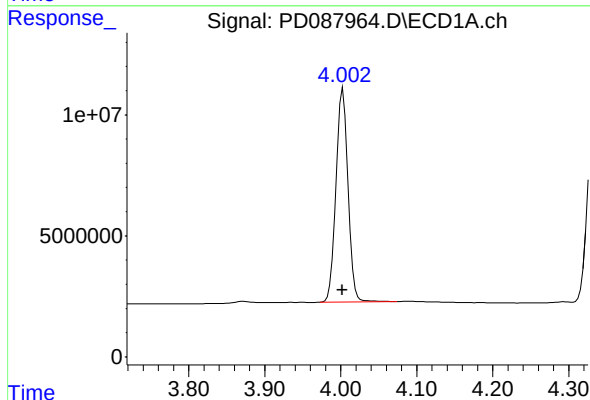
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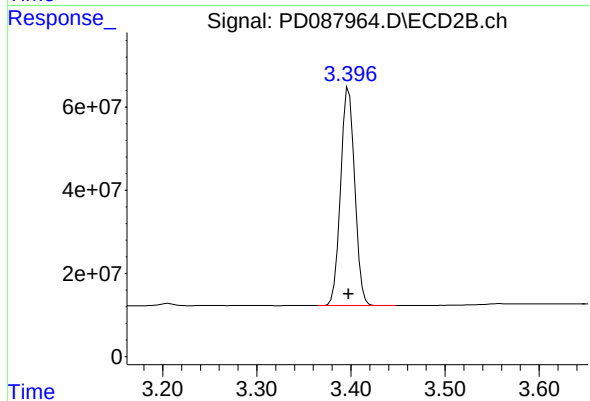
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.000 min
Response: 356281505
Conc: 26.61 ng/ml



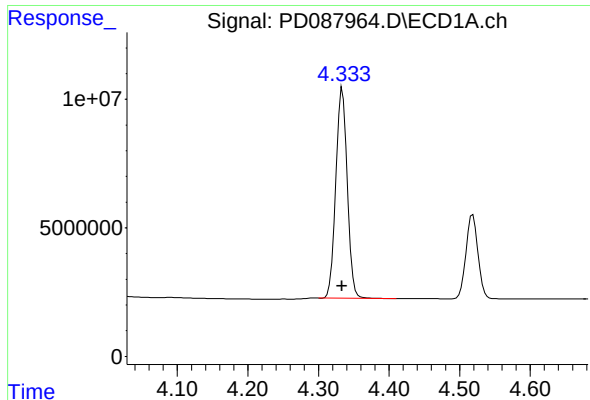
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 96400004
Conc: 23.42 ng/ml



#2 alpha-BHC

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 546447420
Conc: 26.05 ng/ml



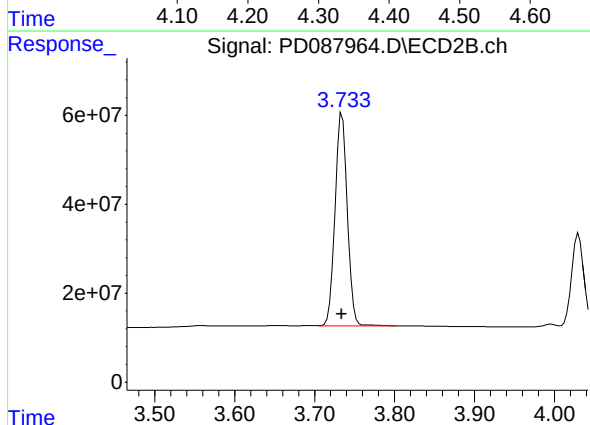
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 92420834
Conc: 23.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

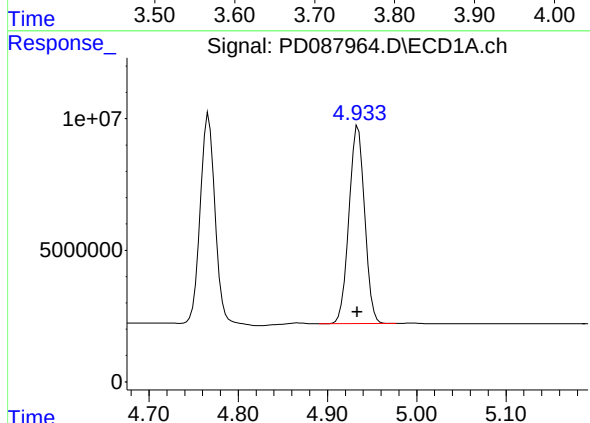
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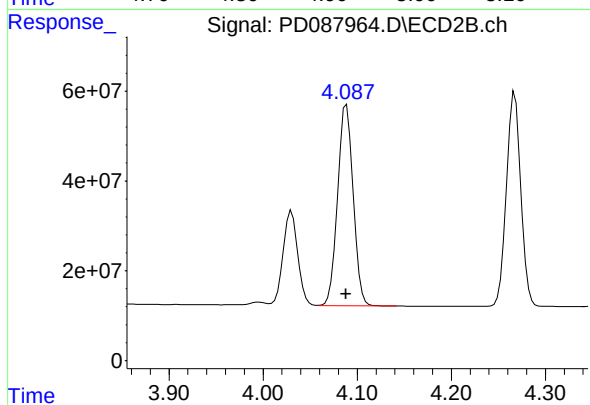
#3 gamma-BHC (Lindane)

R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 510988189
Conc: 26.30 ng/ml



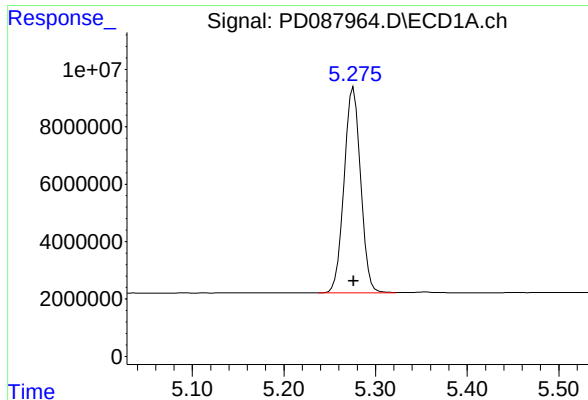
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 91981756
Conc: 23.79 ng/ml



#4 Heptachlor

R.T.: 4.089 min
Delta R.T.: 0.000 min
Response: 514801506
Conc: 26.54 ng/ml



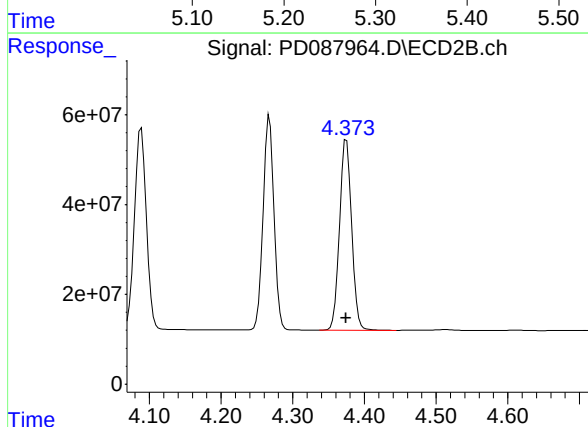
#5 Aldrin

R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 90421020
Conc: 24.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

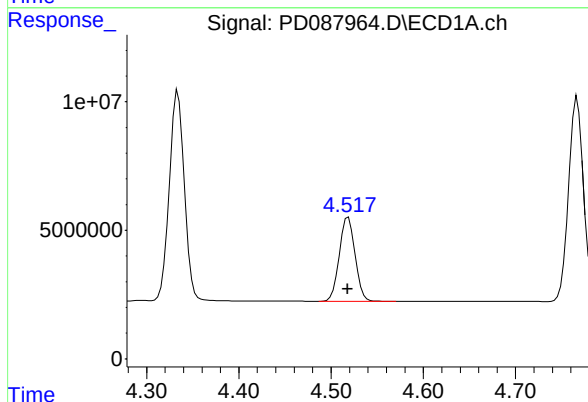
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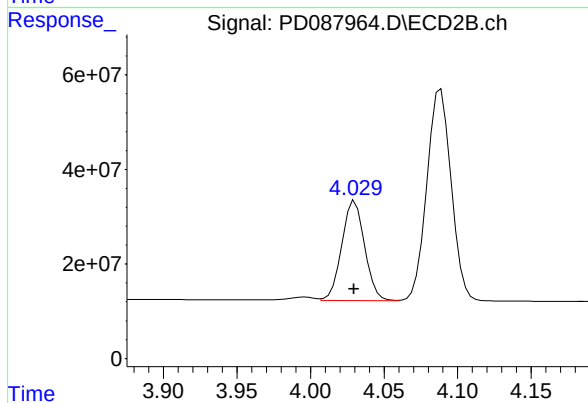
#5 Aldrin

R.T.: 4.375 min
Delta R.T.: 0.000 min
Response: 502137652
Conc: 26.44 ng/ml



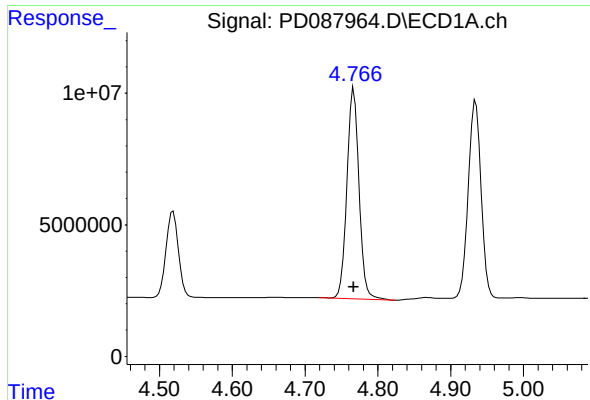
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 38794494
Conc: 25.60 ng/ml



#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 227532981
Conc: 26.87 ng/ml



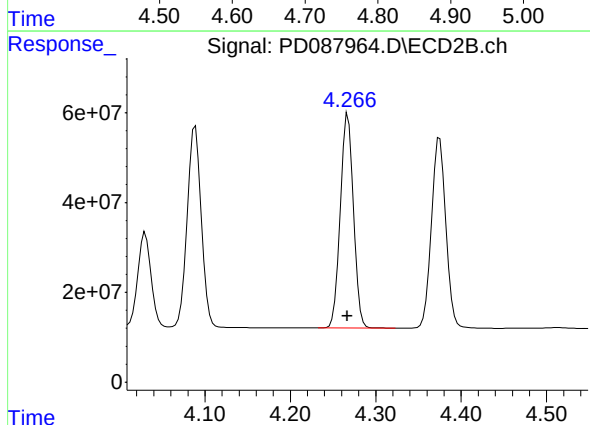
#7 delta-BHC

R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 92652180
Conc: 23.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

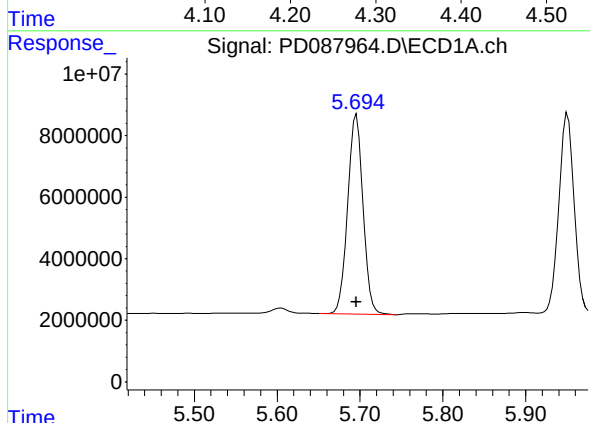
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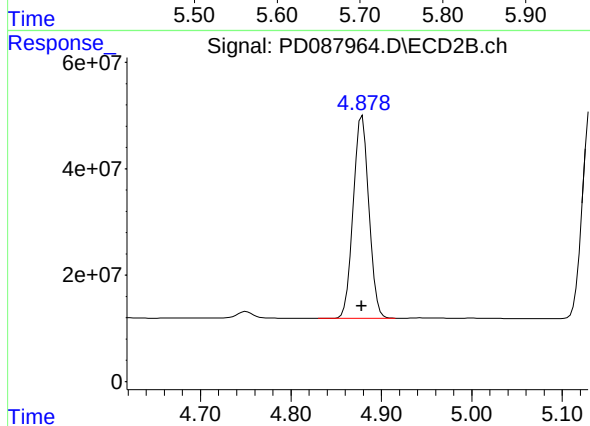
#7 delta-BHC

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 507077656
Conc: 26.16 ng/ml



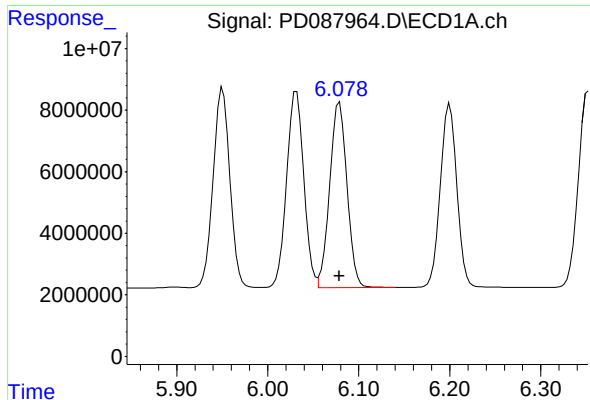
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 83458377
Conc: 24.74 ng/ml



#8 Heptachlor epoxide

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 459326671
Conc: 26.67 ng/ml



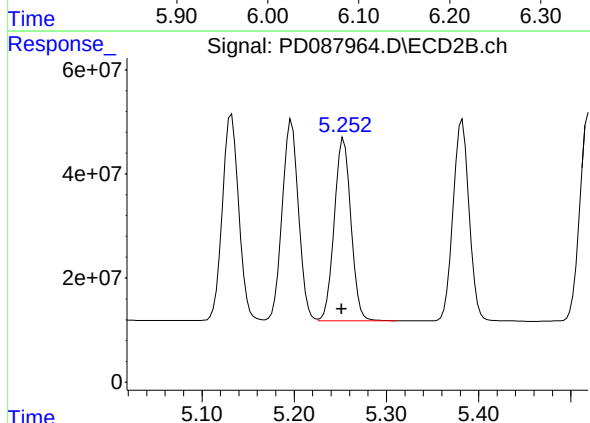
#9 Endosulfan I

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 79394458
Conc: 24.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

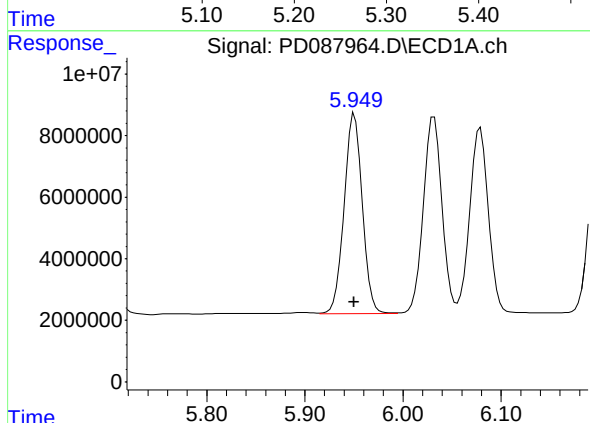
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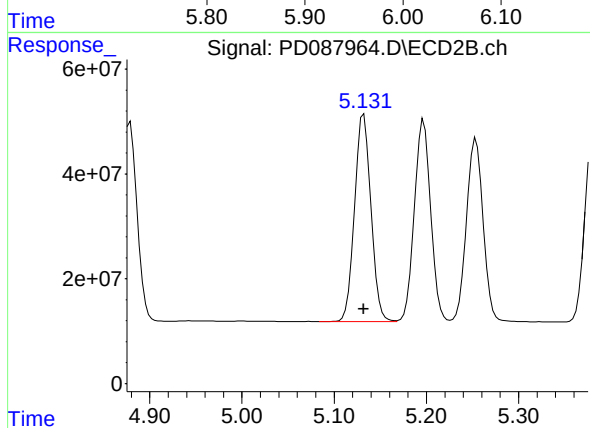
#9 Endosulfan I

R.T.: 5.254 min
Delta R.T.: 0.002 min
Response: 439354017
Conc: 26.67 ng/ml



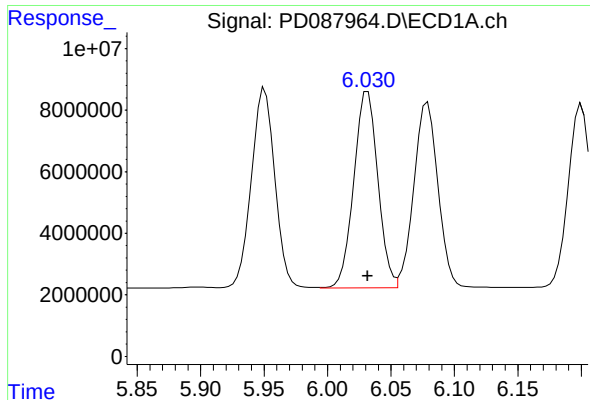
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 83631552
Conc: 24.55 ng/ml



#10 gamma-Chlordane

R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 489135461
Conc: 26.67 ng/ml



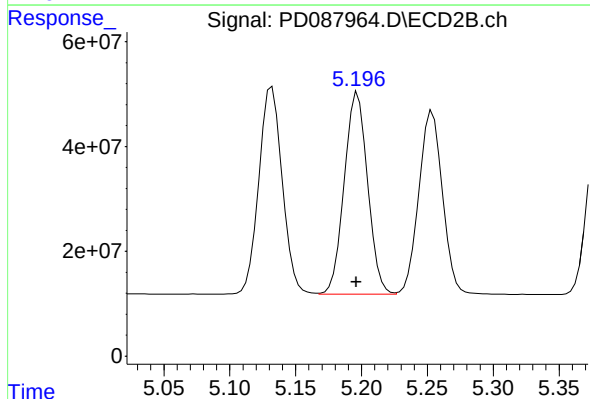
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 84109231
Conc: 24.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

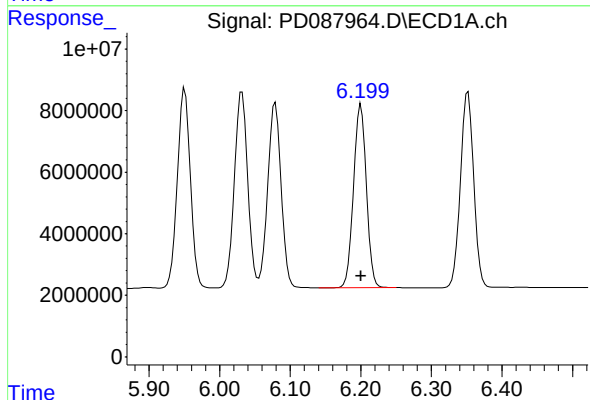
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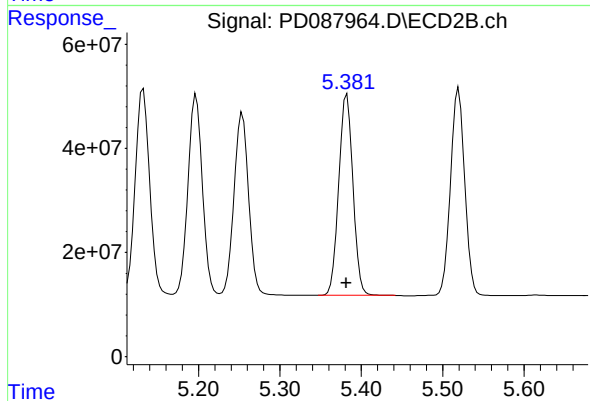
#11 alpha-Chlordane

R.T.: 5.197 min
Delta R.T.: 0.001 min
Response: 474954037
Conc: 27.08 ng/ml



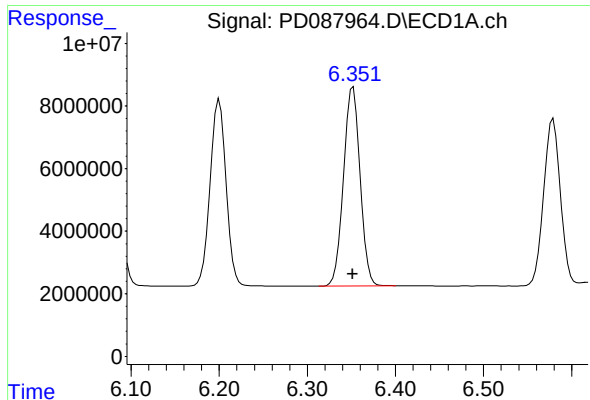
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 75105430
Conc: 24.19 ng/ml



#12 4,4'-DDE

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 467751588
Conc: 26.28 ng/ml



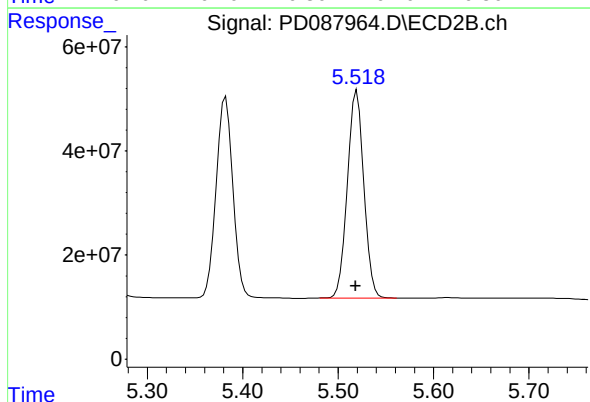
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 83249086
Conc: 24.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

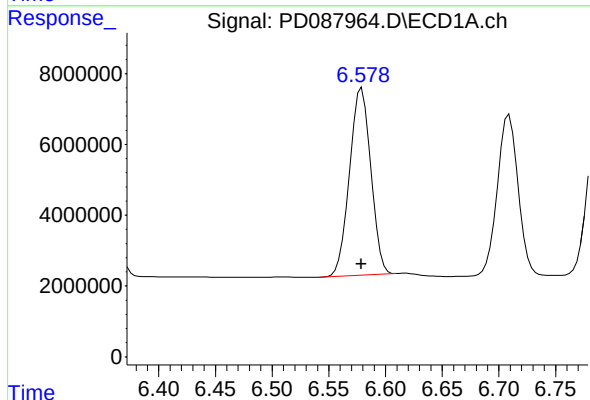
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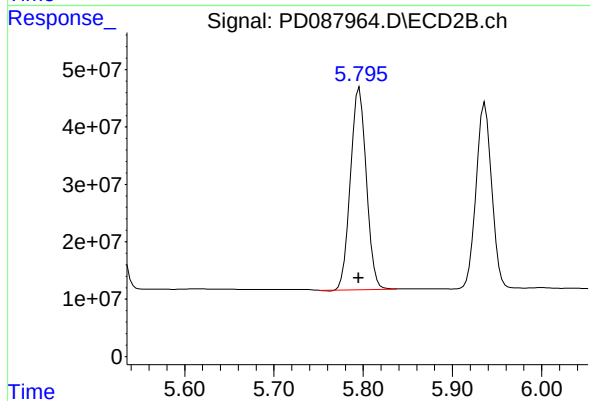
#13 Dieldrin

R.T.: 5.520 min
Delta R.T.: 0.001 min
Response: 480639107
Conc: 26.49 ng/ml



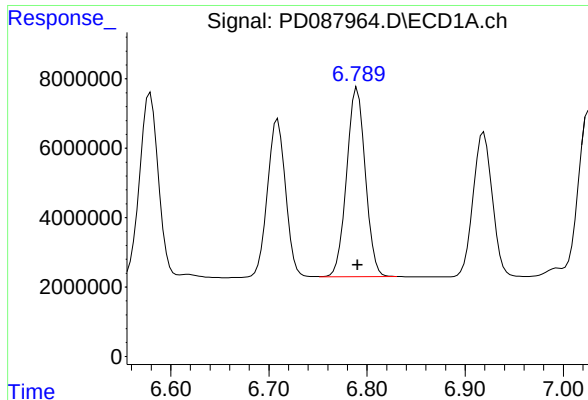
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 69202993
Conc: 24.03 ng/ml



#14 Endrin

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 436354788
Conc: 26.50 ng/ml



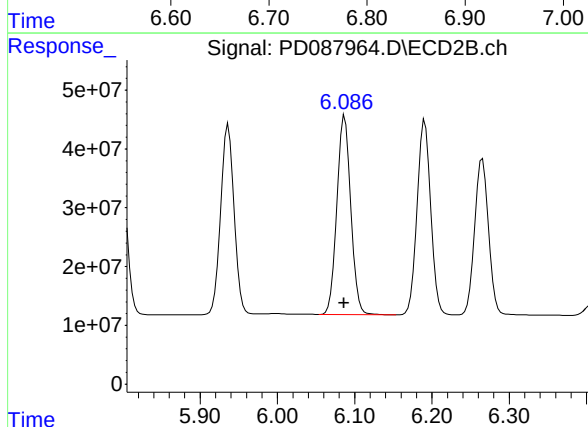
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 72098856
Conc: 25.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

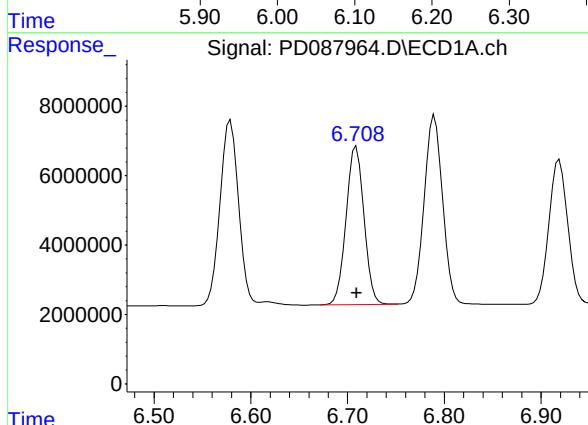
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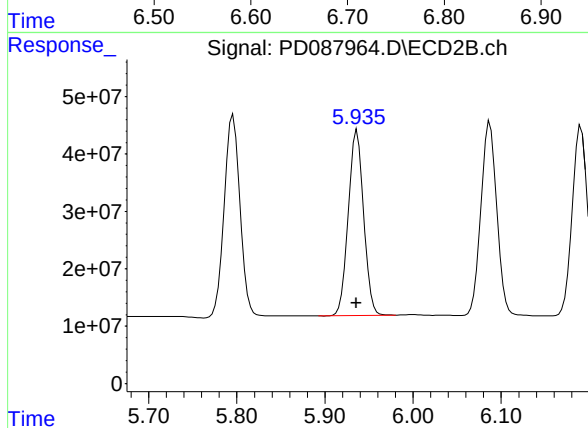
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.001 min
Response: 424517121
Conc: 26.75 ng/ml



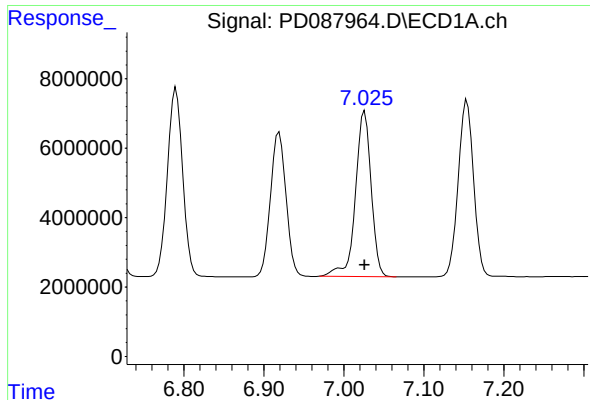
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 58410903
Conc: 24.32 ng/ml



#16 4,4'-DDD

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 391875935
Conc: 26.53 ng/ml



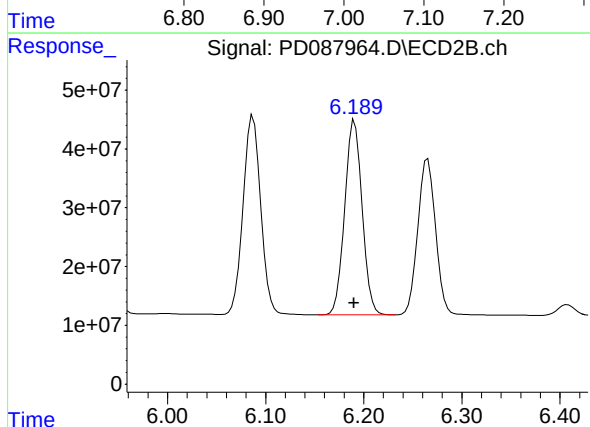
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.001 min
Response: 65094088
Conc: 24.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

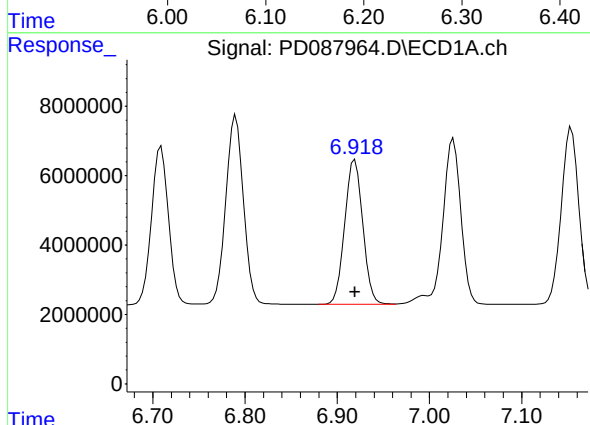
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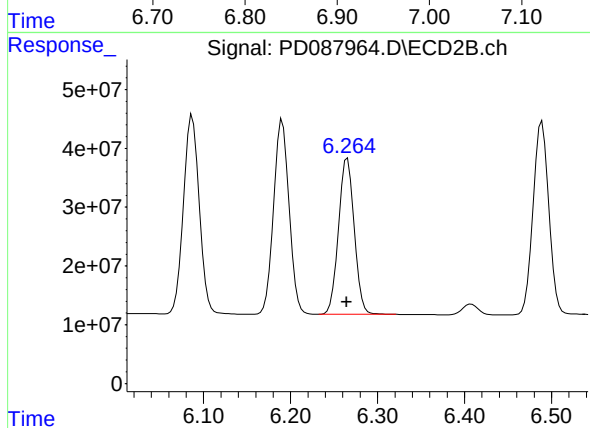
#17 4,4'-DDT

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 408826142
Conc: 26.14 ng/ml



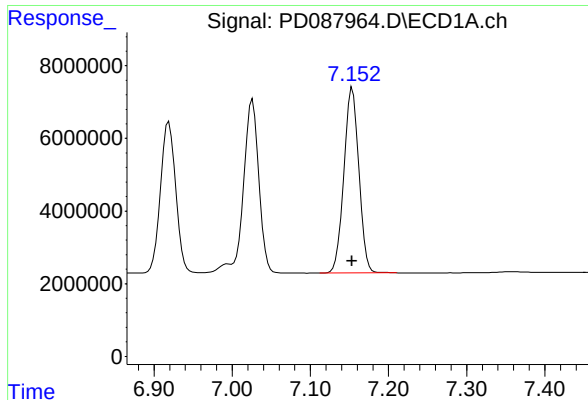
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 56727457
Conc: 25.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 334507411
Conc: 27.23 ng/ml



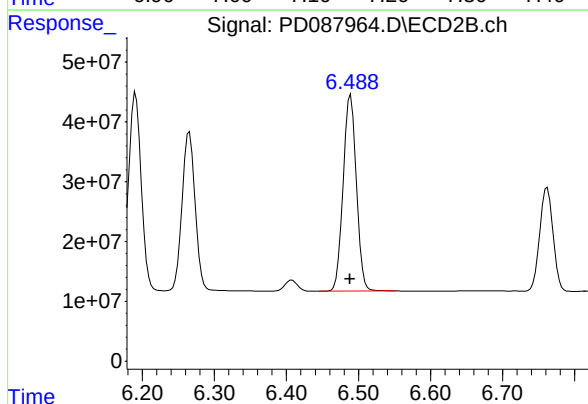
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 67977071
Conc: 25.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

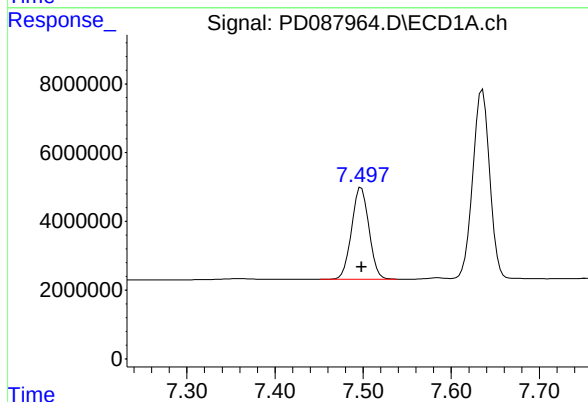
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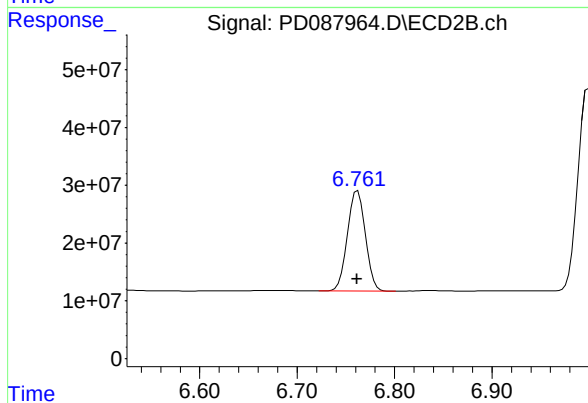
#19 Endosulfan Sulfate

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 418126182
Conc: 26.80 ng/ml



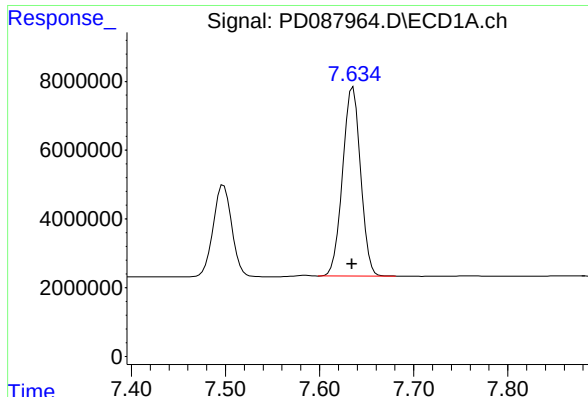
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 36502111
Conc: 25.61 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 222195053
Conc: 27.05 ng/ml



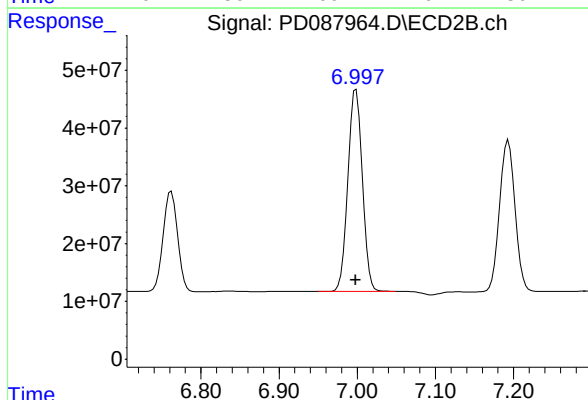
#21 Endrin ketone

R.T.: 7.636 min
Delta R.T.: 0.001 min
Response: 73093793
Conc: 24.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

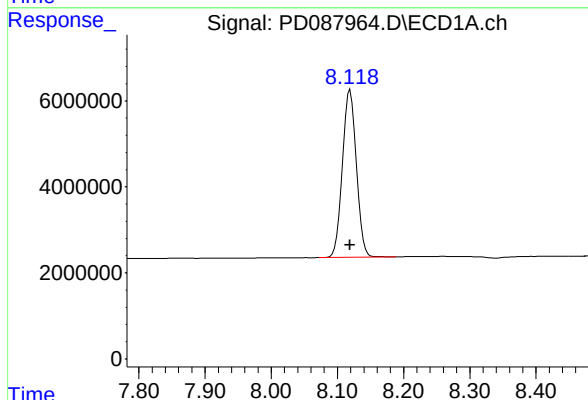
Manual Integrations
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Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



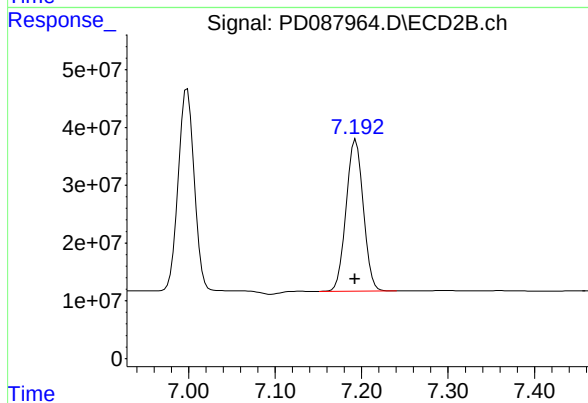
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 450095378
Conc: 26.83 ng/ml



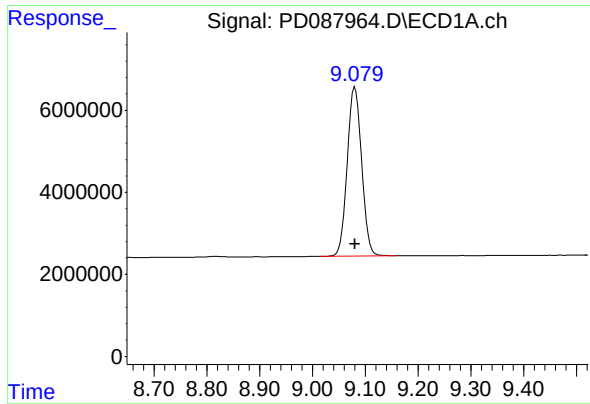
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 57394854
Conc: 26.37 ng/ml



#22 Mirex

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 361535788
Conc: 27.23 ng/ml



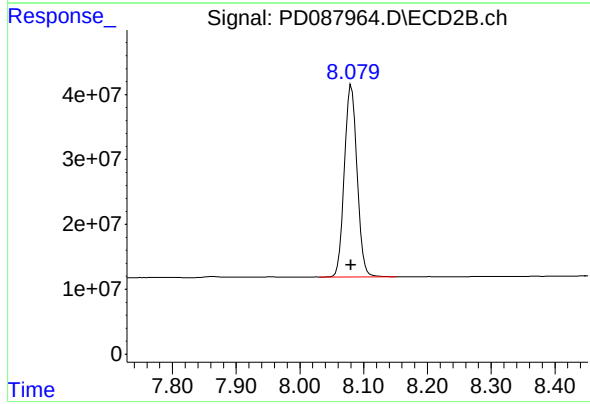
#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: 0.000 min
Response: 78161297
Conc: 26.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 03/19/2025



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 411061951
Conc: 26.94 ng/ml