

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092525\
 Data File : PD090400.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2025 17:54
 Operator : AR\AJ
 Sample : PB169830BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB169830BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/26/2025
 Supervised By :Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 05:46:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.546	2.877	65110355	622.4E6	20.031m	22.675
2)	SA Decachlor...	9.069	8.064	114.7E6	533.7E6	23.772	16.464 #
Target Compounds							
2)	A alpha-BHC	3.997	3.389	286.5E6	1829.8E6	41.017	41.793
3)	MA gamma-BHC...	4.328	3.725	265.9E6	1668.3E6	40.188	40.955
4)	MA Heptachlor	4.925	4.077	250.5E6	1597.3E6	37.886m	39.230
5)	MB Aldrin	5.267	4.363	250.9E6	1588.6E6	39.519	39.780
6)	B beta-BHC	4.515	4.021	97422843	683.5E6	37.762	39.429
7)	B delta-BHC	4.761	4.257	254.5E6	1623.7E6	39.411m	39.320
8)	B Heptachlo...	5.687	4.866	220.2E6	1382.2E6	38.529	37.494
9)	A Endosulfan I	6.071	5.241	202.3E6	1282.1E6	37.460	37.051
10)	B gamma-Chl...	5.943	5.119	218.9E6	1466.0E6	38.315	37.317
11)	B alpha-Chl...	6.024	5.184	213.8E6	1401.2E6	37.114	37.201
12)	B 4,4'-DDE	6.191	5.368	198.2E6	1405.1E6	38.053m	36.708
13)	MA Dieldrin	6.344	5.506	219.4E6	1416.4E6	38.062	36.369
14)	MA Endrin	6.571	5.782	186.9E6	1278.6E6	38.184	35.684
15)	B Endosulfa...	6.783	6.074	180.7E6	1141.9E6	37.038	33.832
16)	A 4,4'-DDD	6.702	5.922	175.0E6	1185.2E6	42.709	36.549
17)	MA 4,4'-DDT	7.017	6.176	157.3E6	1087.7E6	35.328m	31.640
18)	B Endrin al...	6.913	6.253	136.9E6	814.3E6	39.915	34.584
19)	B Endosulfa...	7.147	6.476	166.2E6	1047.4E6	36.130	32.040
20)	A Methoxychlor	7.490	6.747	105.1E6	574.1E6	44.616m	32.993 #
21)	B Endrin ke...	7.627	6.984	195.7E6	1100.2E6	39.554m	30.474
22)	Mirex	8.110	7.177	138.4E6	768.6E6	37.363m	27.841 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092525\
Data File : PD090400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 17:54
Operator : AR\AJ
Sample : PB169830BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

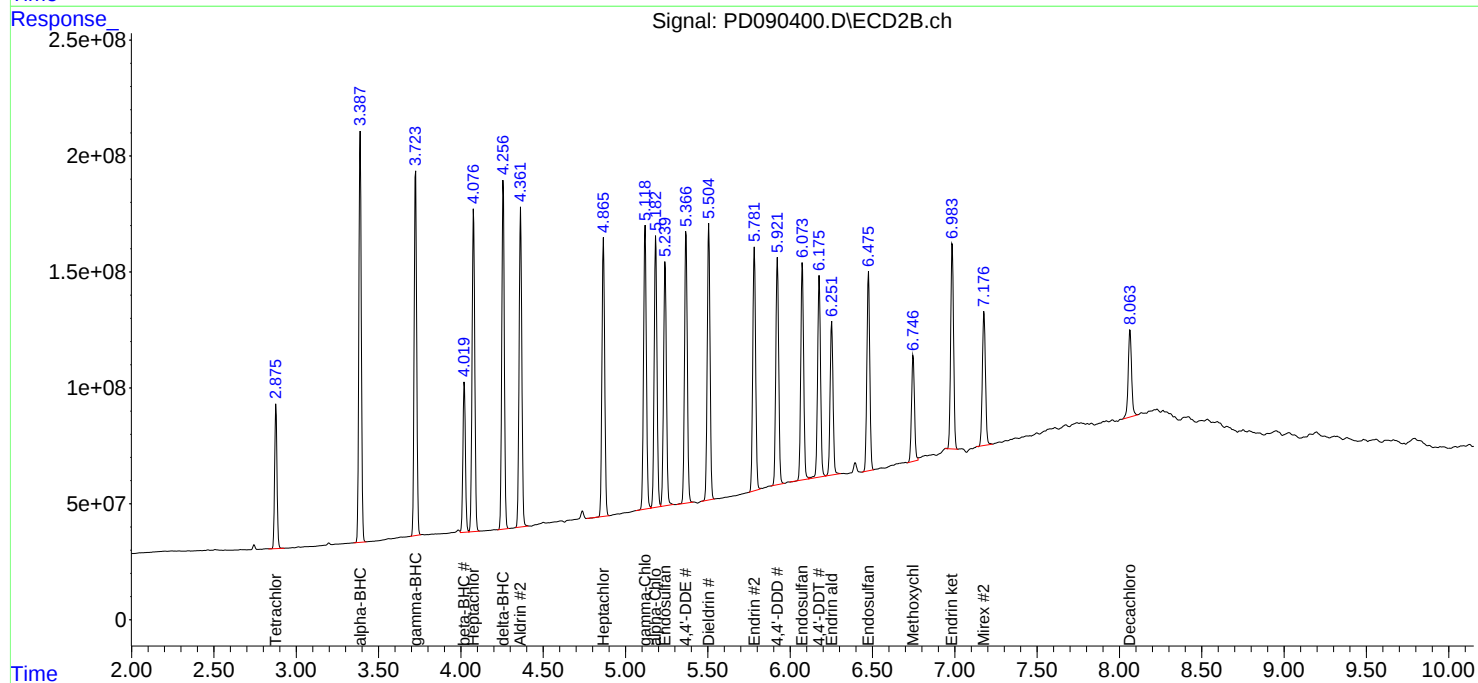
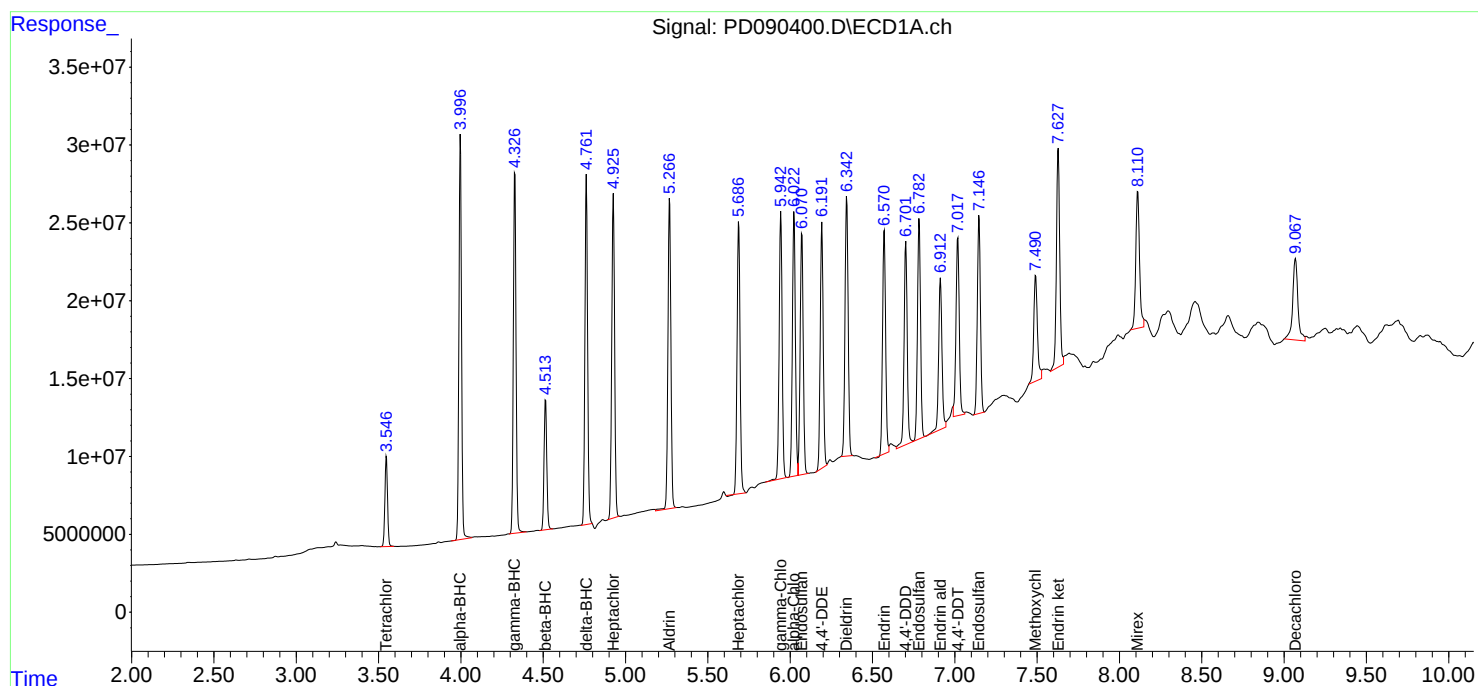
Instrument :
ECD_D
ClientSampleId :
PB169830BS

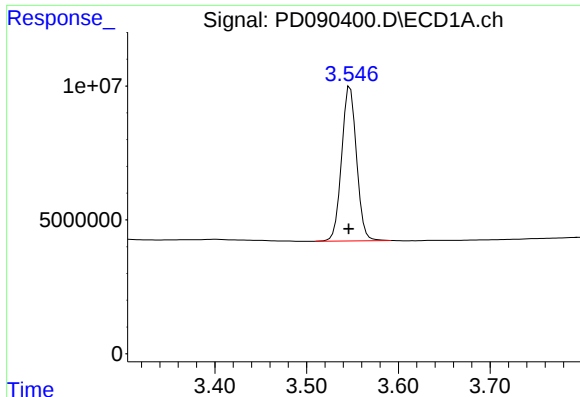
Manual Integrations
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Supervised By : Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 05:46:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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





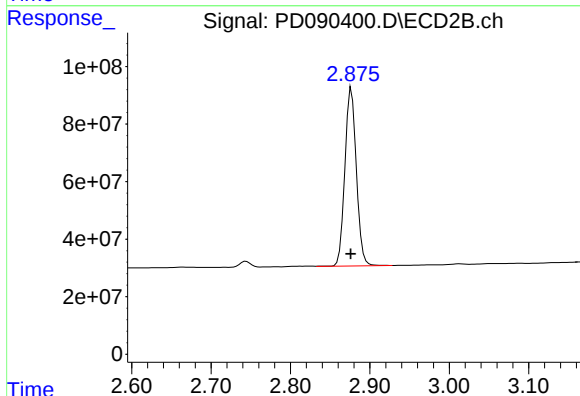
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 65110355
Conc: 20.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BS

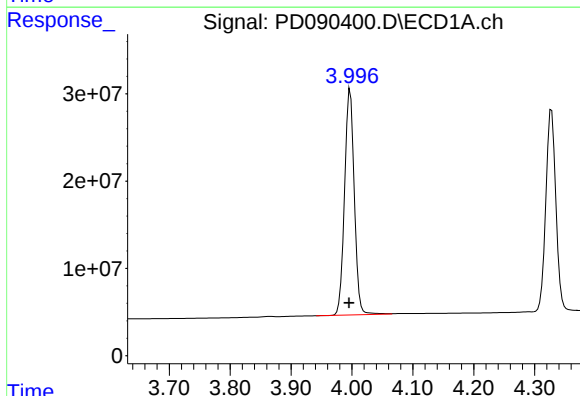
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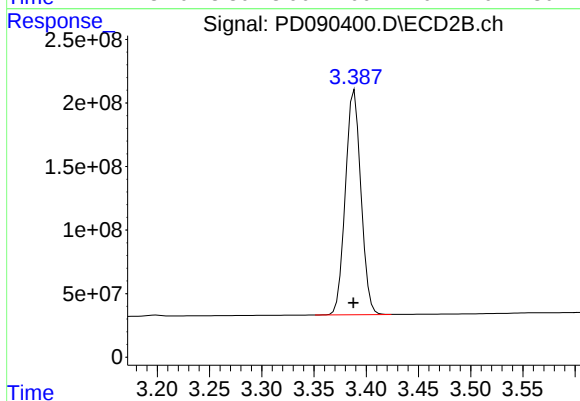
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 622437301
Conc: 22.68 ng/ml



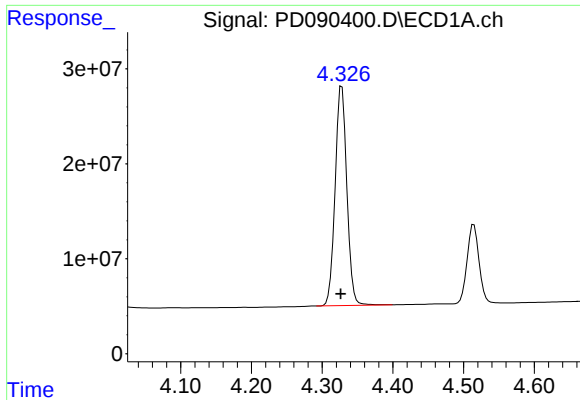
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.002 min
Response: 286481496
Conc: 41.02 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1829803611
Conc: 41.79 ng/ml



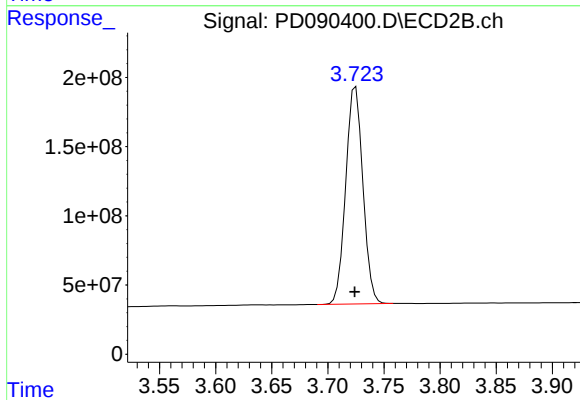
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.002 min
Response: 265918262
Conc: 40.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BS

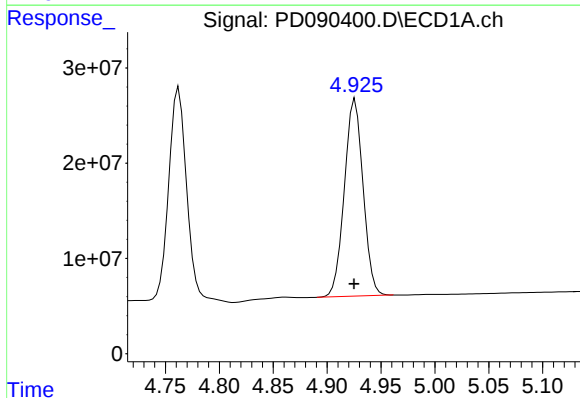
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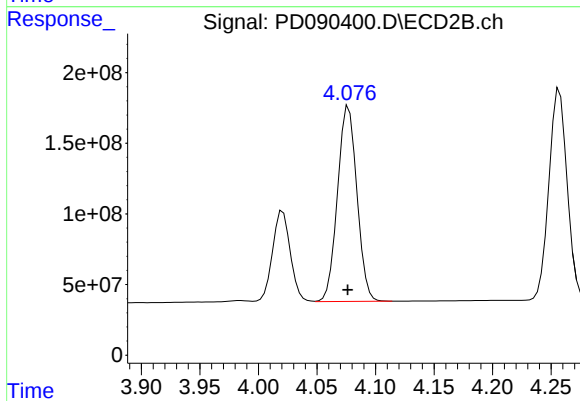
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1668342061
Conc: 40.96 ng/ml



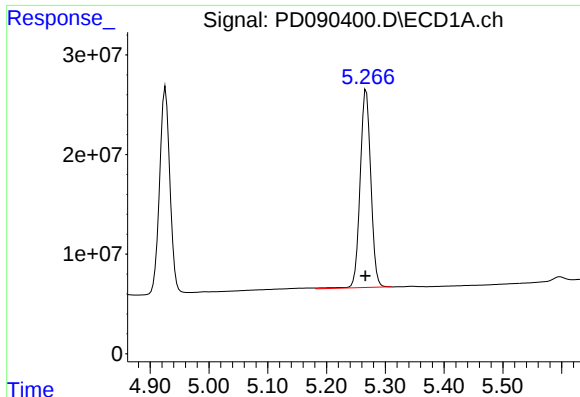
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 250521740
Conc: 37.89 ng/ml m



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 1597308575
Conc: 39.23 ng/ml



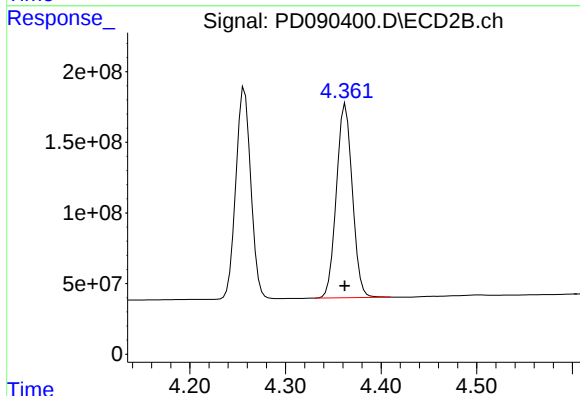
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: 0.001 min
Response: 250943273
Conc: 39.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BS

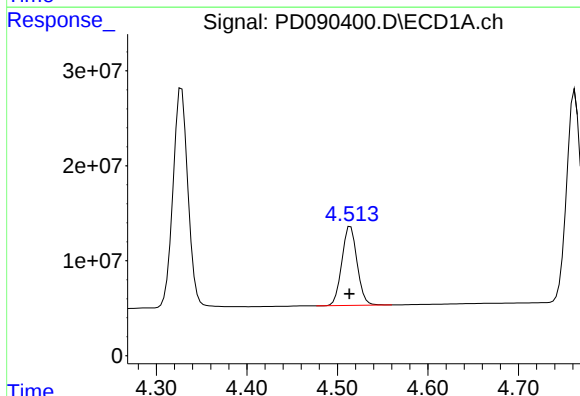
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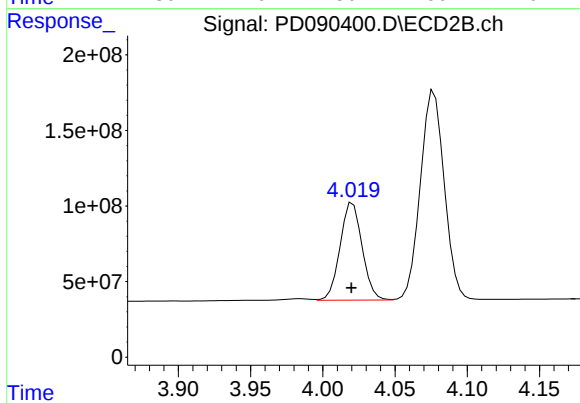
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 1588616775
Conc: 39.78 ng/ml



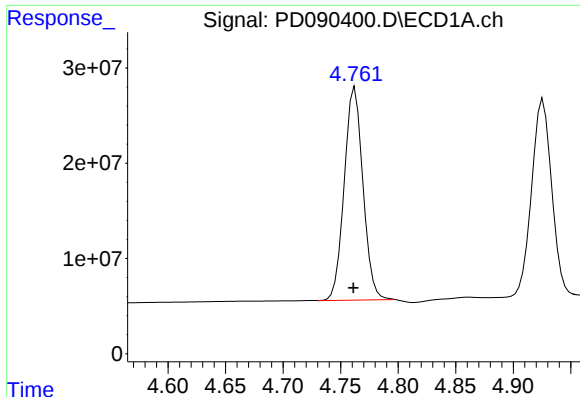
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 97422843
Conc: 37.76 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 683509059
Conc: 39.43 ng/ml



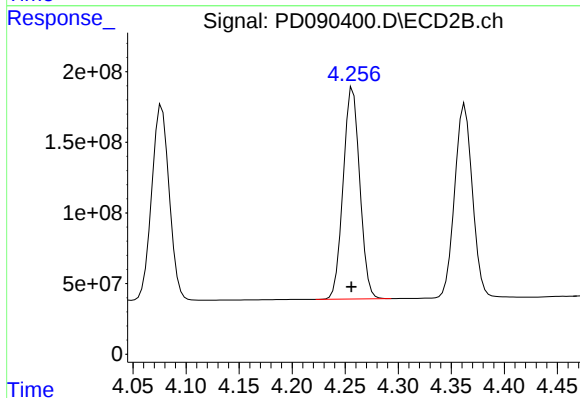
#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 254499192
Conc: 39.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BS

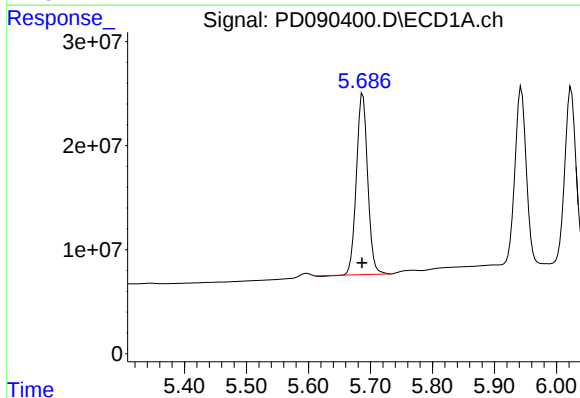
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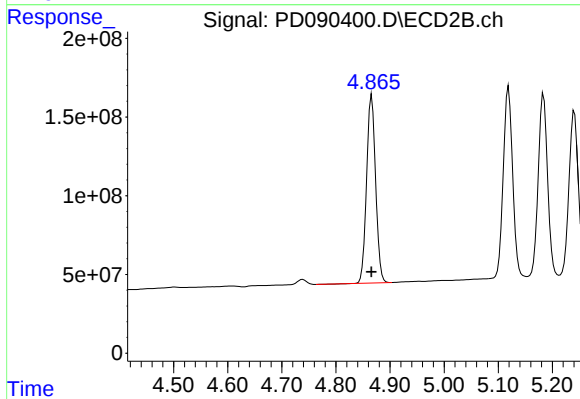
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.001 min
Response: 1623696338
Conc: 39.32 ng/ml



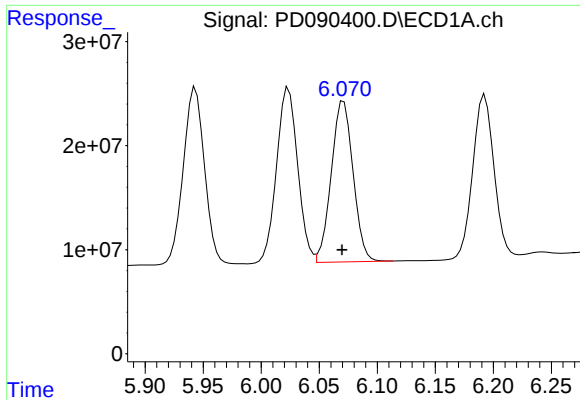
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.001 min
Response: 220189873
Conc: 38.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 1382232906
Conc: 37.49 ng/ml



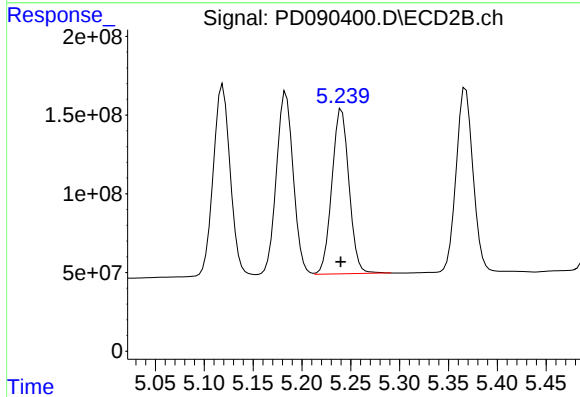
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.001 min
Response: 202338138
Conc: 37.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BS

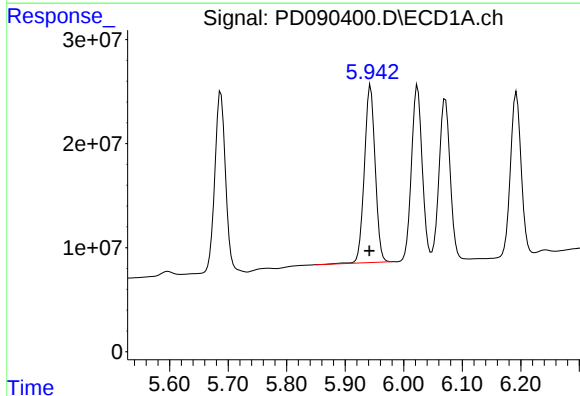
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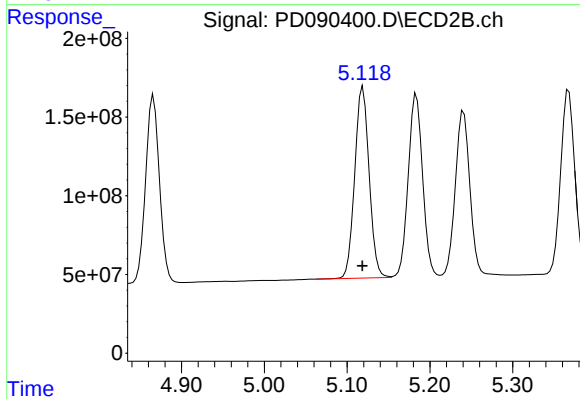
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 1282141769
Conc: 37.05 ng/ml



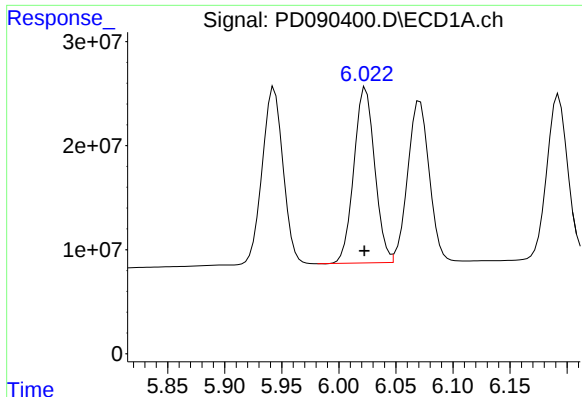
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.002 min
Response: 218851913
Conc: 38.31 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 1466048460
Conc: 37.32 ng/ml



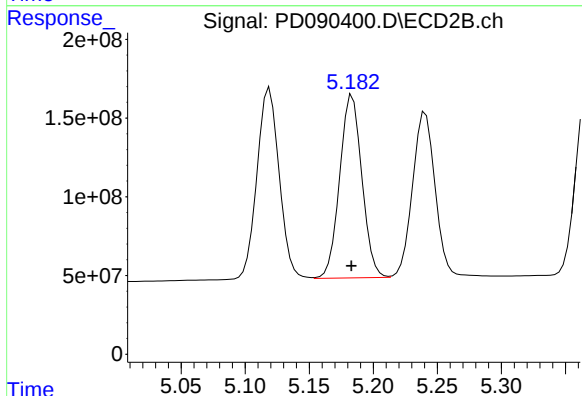
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.001 min
Response: 213810292
Conc: 37.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BS

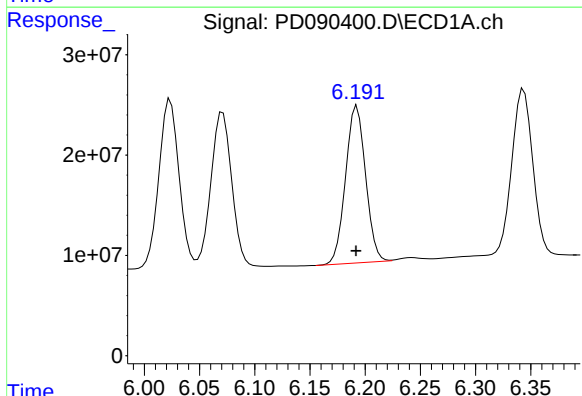
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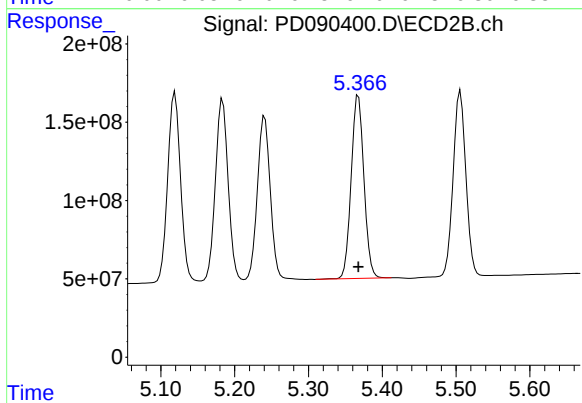
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 1401178802
Conc: 37.20 ng/ml



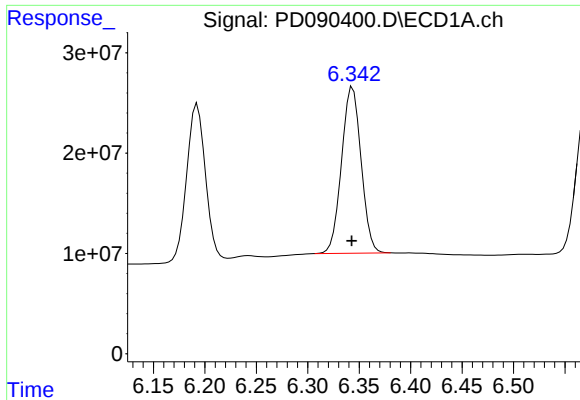
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 198162853
Conc: 38.05 ng/ml m



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 1405145153
Conc: 36.71 ng/ml



#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.001 min
Response: 219415609
Conc: 38.06 ng/ml

Instrument :

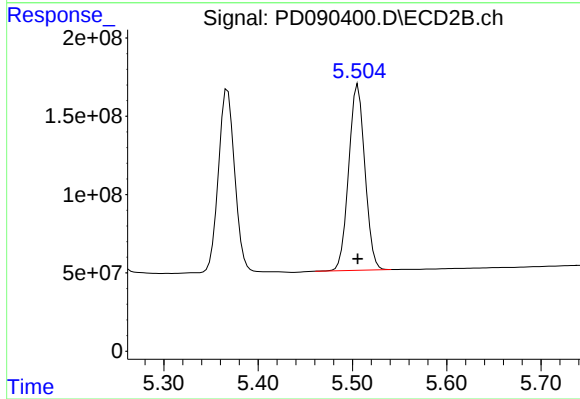
ECD_D

ClientSampleId :

PB169830BS

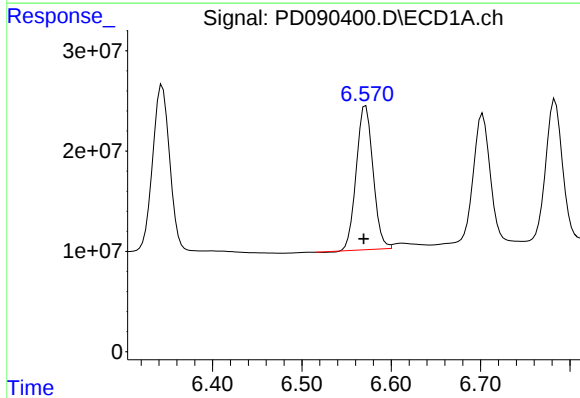
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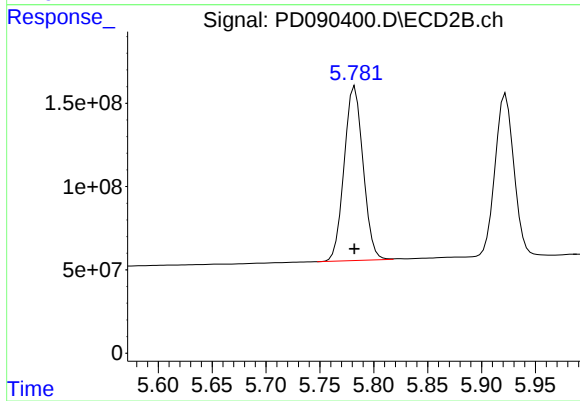
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 1416438801
Conc: 36.37 ng/ml



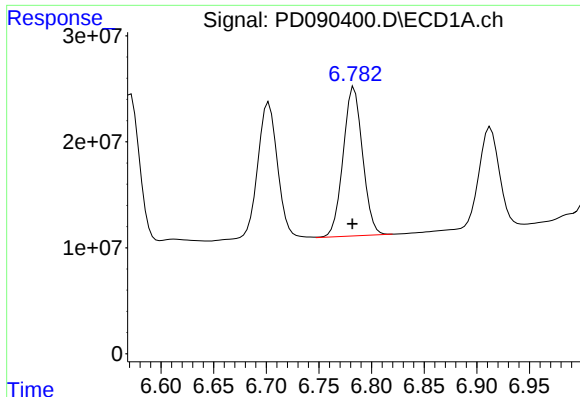
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.002 min
Response: 186868002
Conc: 38.18 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1278632400
Conc: 35.68 ng/ml



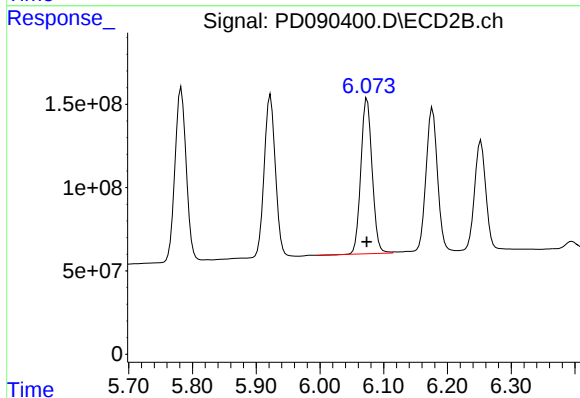
#15 Endosulfan II

R.T.: 6.783 min
Delta R.T.: 0.002 min
Response: 180662461
Conc: 37.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BS

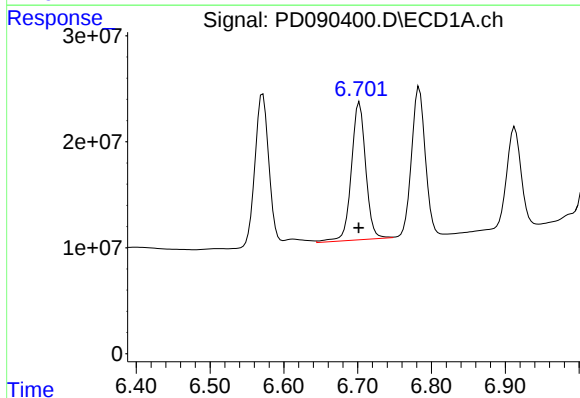
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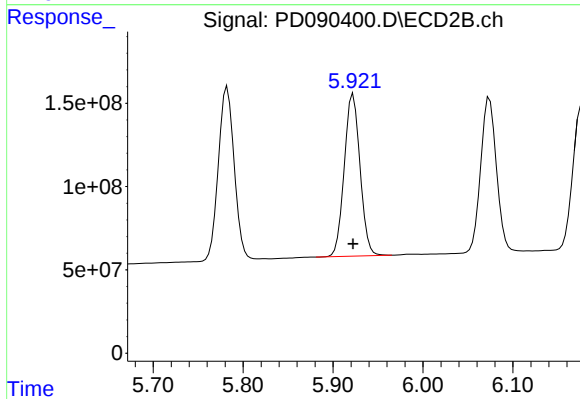
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 1141858567
Conc: 33.83 ng/ml



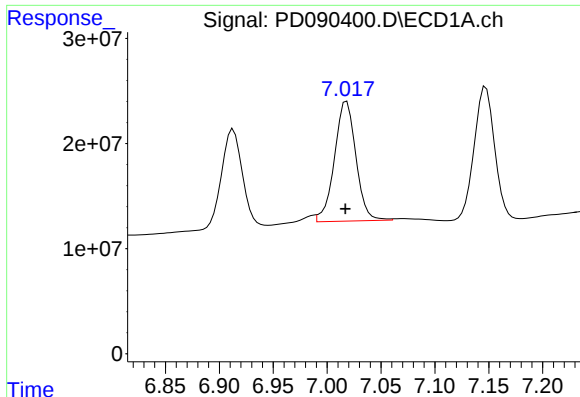
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.001 min
Response: 175012511
Conc: 42.71 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 1185193137
Conc: 36.55 ng/ml



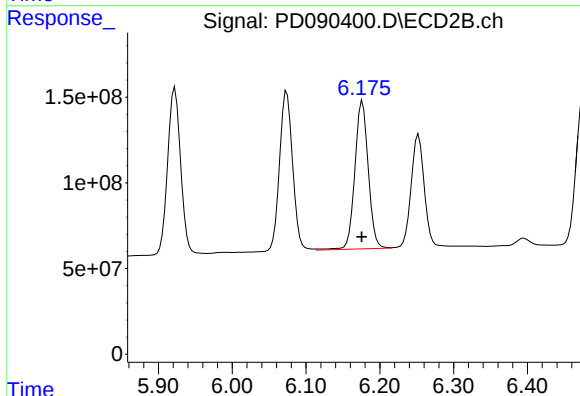
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 157296658
Conc: 35.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BS

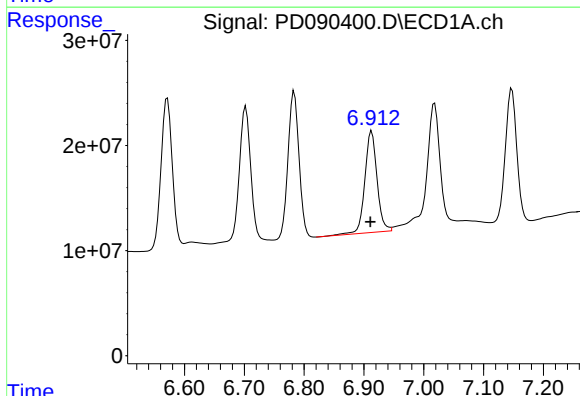
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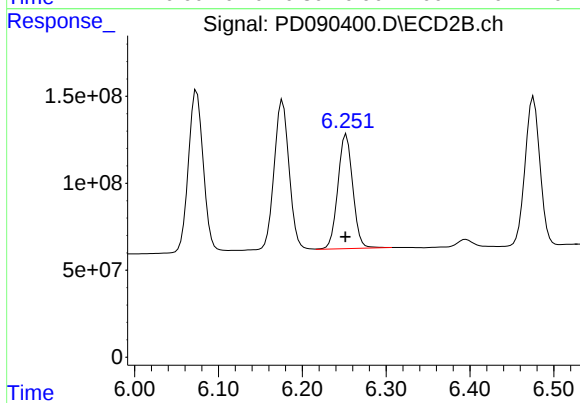
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 1087738804
Conc: 31.64 ng/ml



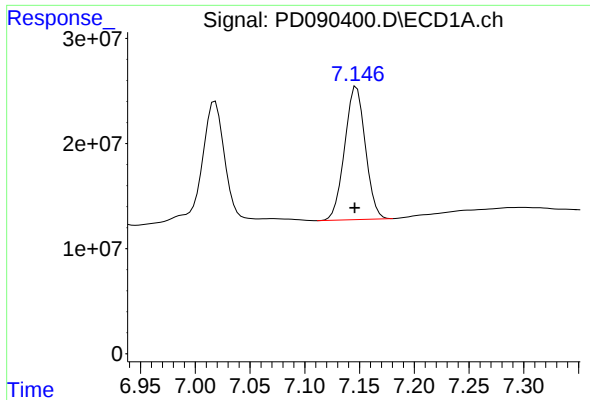
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.002 min
Response: 136931525
Conc: 39.91 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.001 min
Response: 814342411
Conc: 34.58 ng/ml



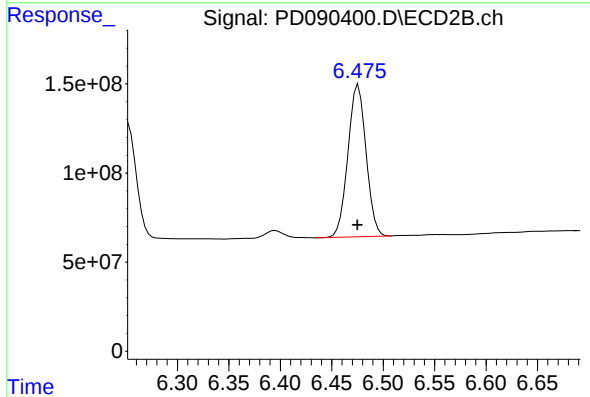
#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: 0.002 min
Response: 166212658
Conc: 36.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BS

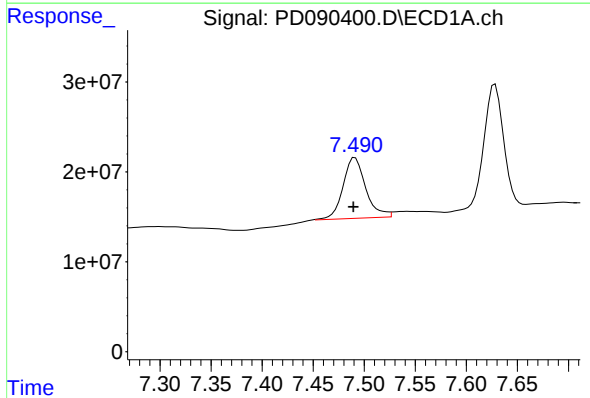
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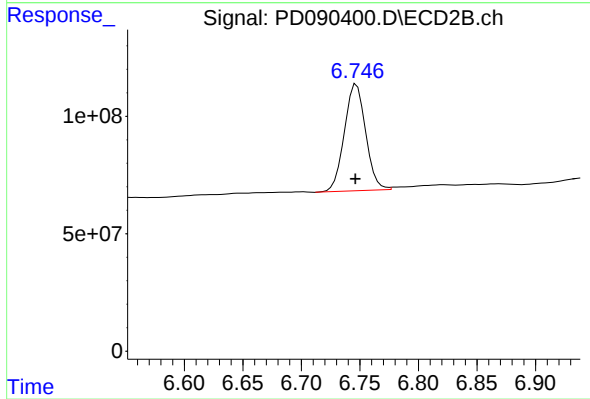
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 1047400612
Conc: 32.04 ng/ml



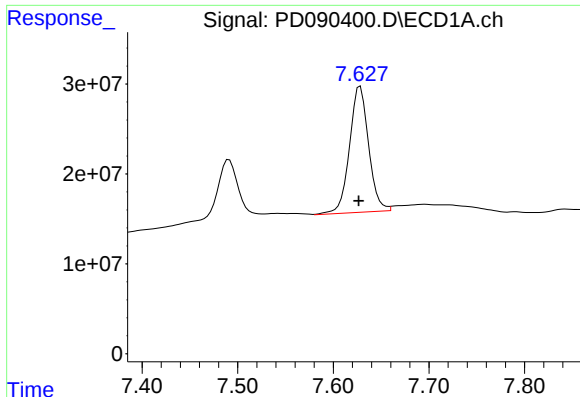
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 105136916
Conc: 44.62 ng/ml m



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: 0.001 min
Response: 574095565
Conc: 32.99 ng/ml



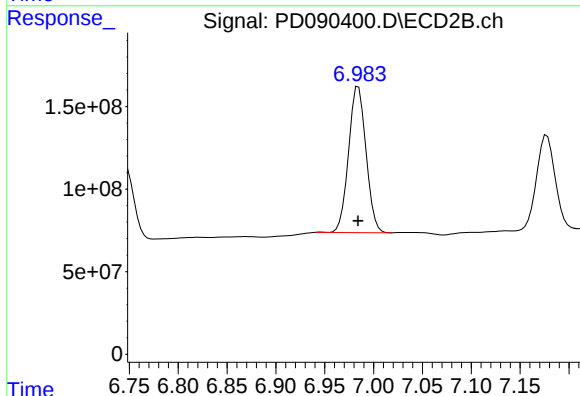
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 195687274
Conc: 39.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BS

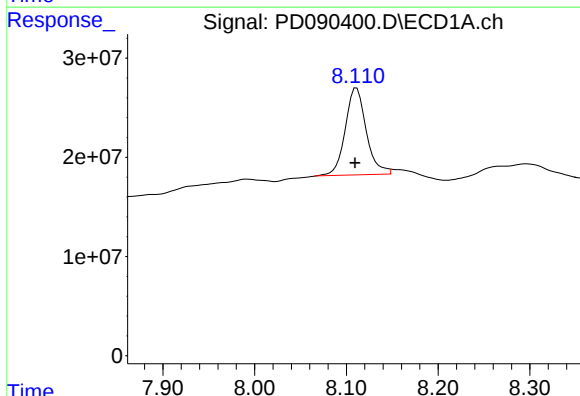
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/26/2025
Supervised By :Sohil Jodhani 09/26/2025



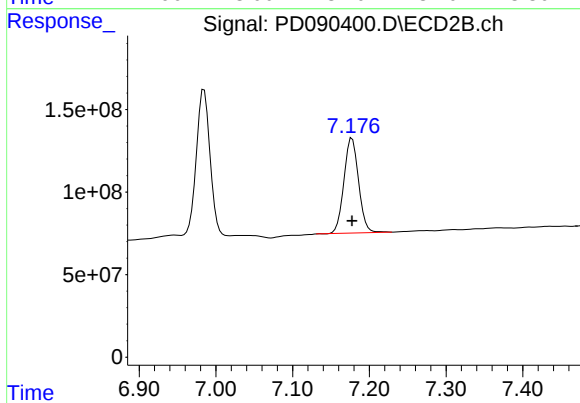
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 1100217483
Conc: 30.47 ng/ml



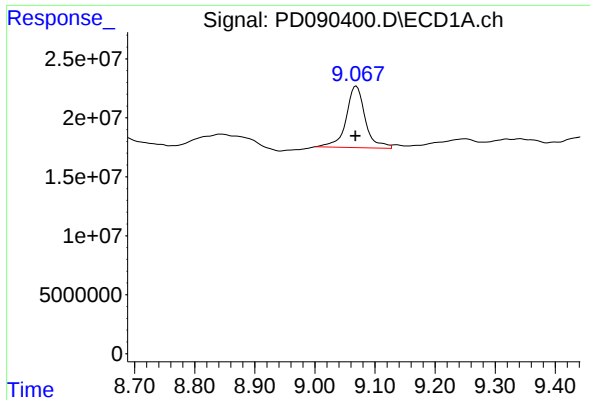
#22 Mirex

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 138426066
Conc: 37.36 ng/ml m



#22 Mirex

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 768569126
Conc: 27.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.001 min
Response: 114699244
Conc: 23.77 ng/ml

Instrument :

ECD_D

ClientSampleId :

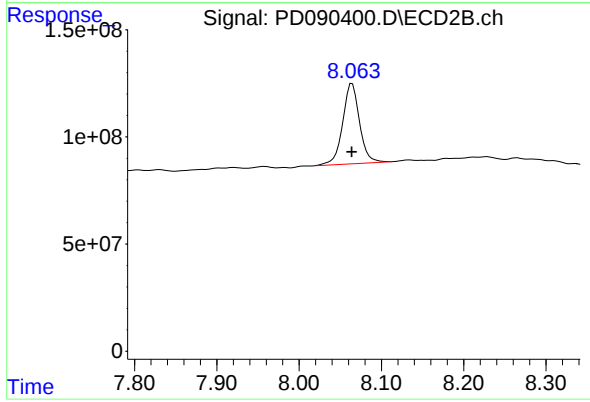
PB169830BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 533674417
Conc: 16.46 ng/ml