

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
 Data File : PD091609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 16:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/17/2025
 Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 04:57:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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...	3.540	2.870	155.7E6	1947.2E6	44.815	49.418
28)	SA Decachlor...	9.058	8.054	224.6E6	2219.6E6	43.214	53.599
Target Compounds							
2)	A alpha-BHC	3.989	3.381	372.2E6	3428.8E6	46.233	50.295
3)	MA gamma-BHC...	4.319	3.717	347.8E6	3147.2E6	46.271	55.972
4)	MA Heptachlor	4.917	4.069	335.4E6	3081.3E6	47.243	52.866
5)	MB Aldrin	5.258	4.354	336.6E6	3112.2E6	48.371	53.672
6)	B beta-BHC	4.508	4.014	131.7E6	1275.7E6	45.632	53.243
7)	B delta-BHC	4.755	4.250	346.9E6	3170.0E6	57.992	52.933
8)	B Heptachlo...	5.679	4.858	298.5E6	2755.4E6	48.211	54.459
9)	A Endosulfan I	6.063	5.231	283.9E6	2482.5E6	46.469	50.675
10)	B gamma-Chl...	5.934	5.110	303.6E6	3043.0E6	47.611	54.513
11)	B alpha-Chl...	6.015	5.175	302.9E6	2895.1E6	45.100	54.063
12)	B 4,4'-DDE	6.185	5.357	266.3E6	2929.6E6	45.847	53.453m
13)	MA Dieldrin	6.335	5.497	302.1E6	2988.8E6	46.433	53.887
14)	MA Endrin	6.563	5.774	253.9E6	2710.0E6	45.264	51.838
15)	B Endosulfa...	6.775	6.066	261.2E6	2548.9E6	42.963	54.100 #
16)	A 4,4'-DDD	6.695	5.914	217.7E6	2472.3E6	47.301	54.350
17)	MA 4,4'-DDT	7.010	6.167	222.4E6	2534.6E6	43.139	53.473
18)	B Endrin al...	6.904	6.244	191.0E6	1912.0E6	45.725	53.570
19)	B Endosulfa...	7.139	6.467	237.1E6	2472.7E6	44.920	53.646
20)	A Methoxychlor	7.484	6.738	113.5E6	1243.6E6	42.223	52.698
21)	B Endrin ke...	7.620	6.976	254.5E6	2681.8E6	45.175	55.131
22)	Mirex	8.101	7.168	166.2E6	1836.1E6	44.732	56.023 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
Data File : PD091609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 16:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

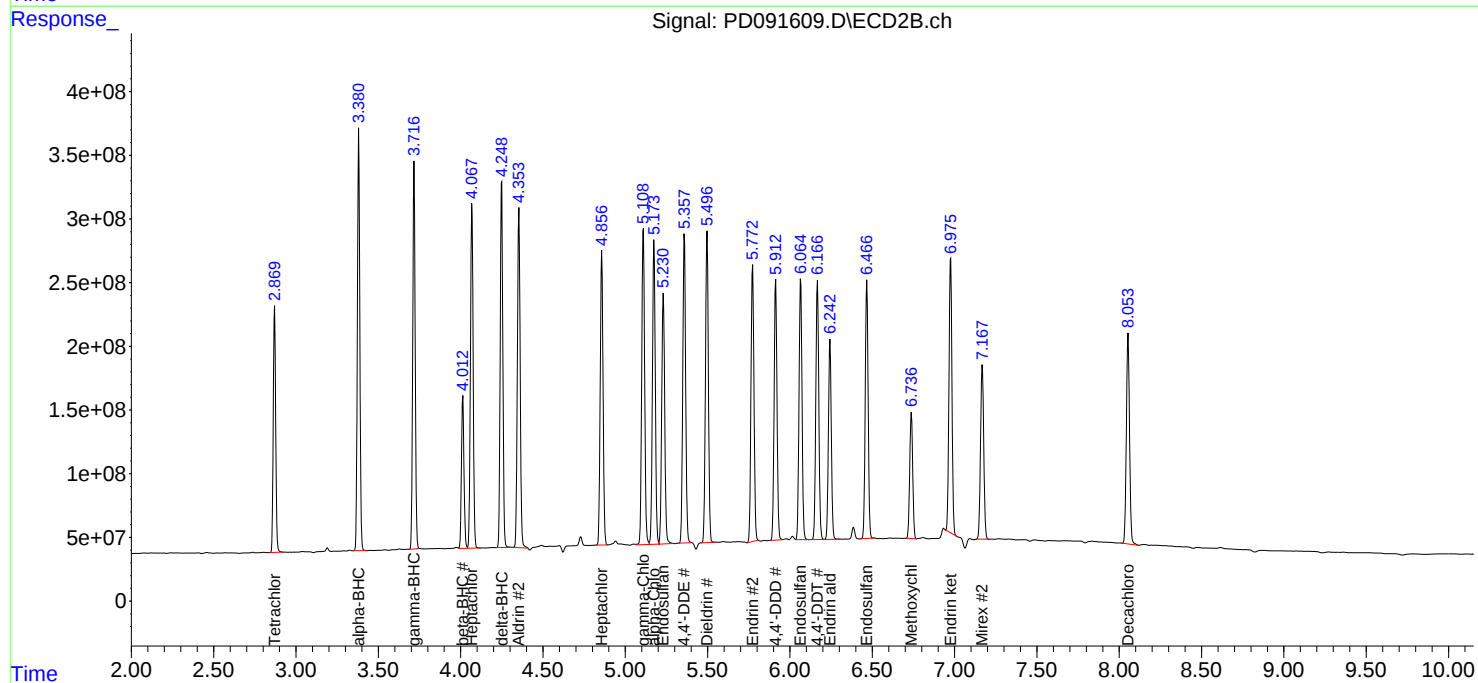
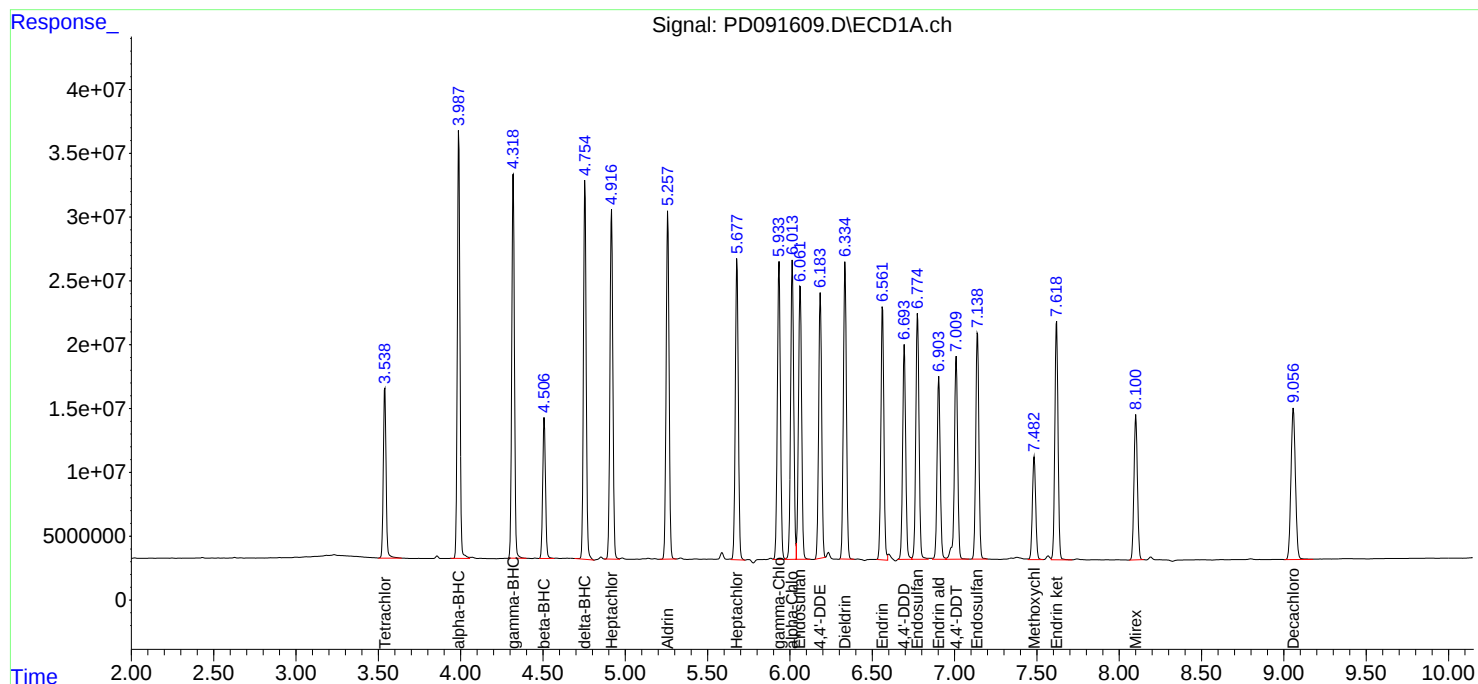
Manual Integrations

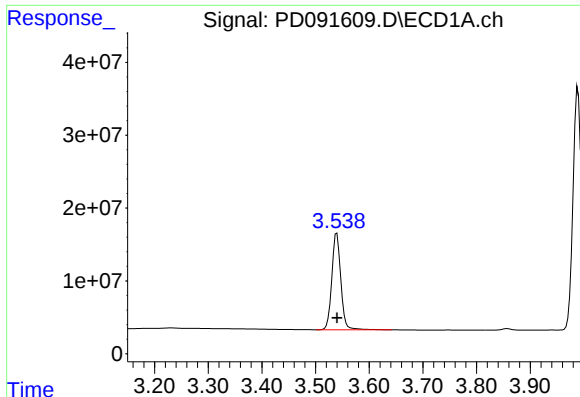
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 04:57:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 2025
Response 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





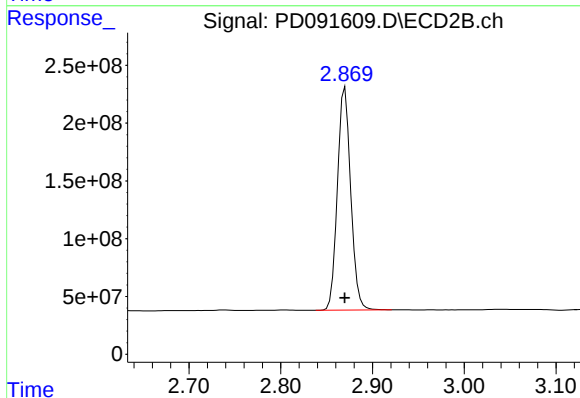
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 155657889
Conc: 44.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

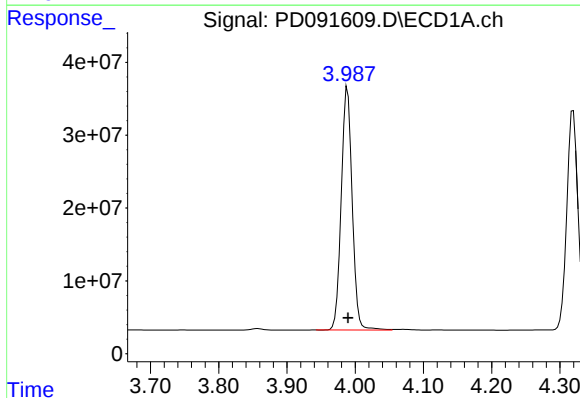
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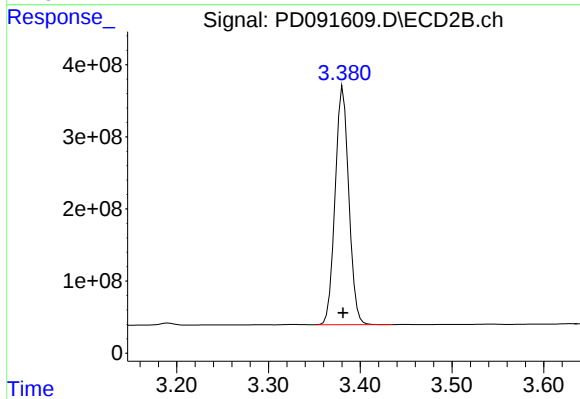
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 1947212340
Conc: 49.42 ng/ml



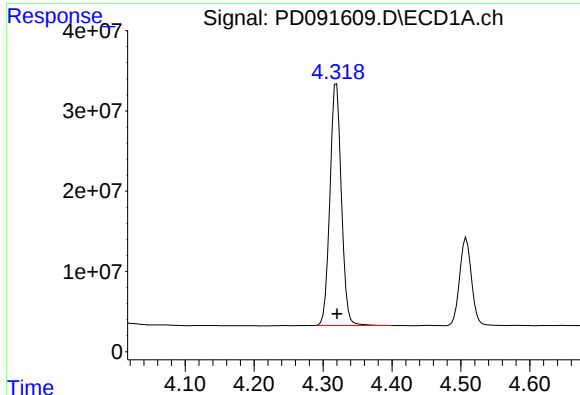
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 372221356
Conc: 46.23 ng/ml



#2 alpha-BHC

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 3428824168
Conc: 50.30 ng/ml



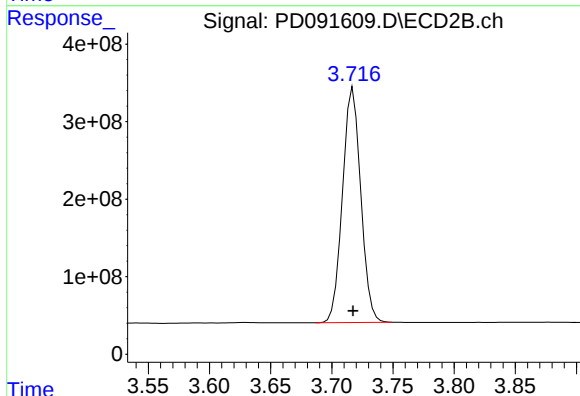
#3 gamma-BHC (Lindane)

R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 347758068
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

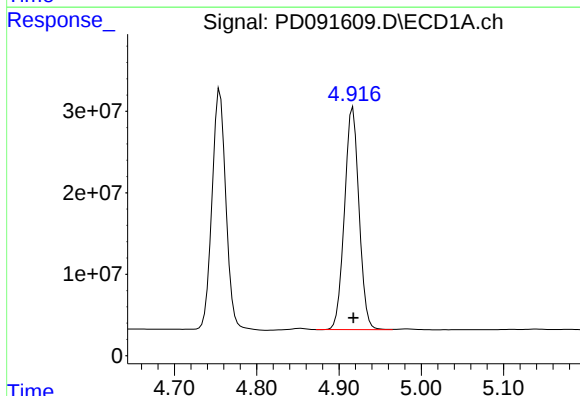
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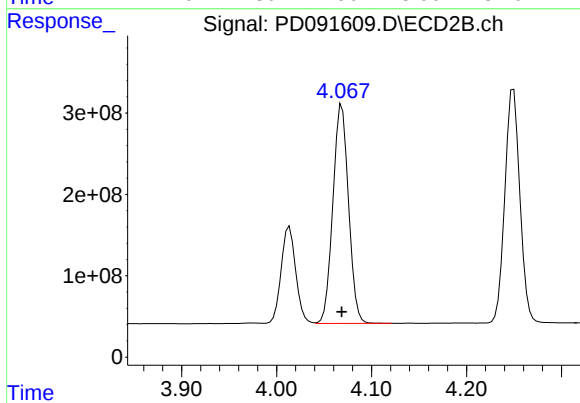
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 3147231335
Conc: 55.97 ng/ml



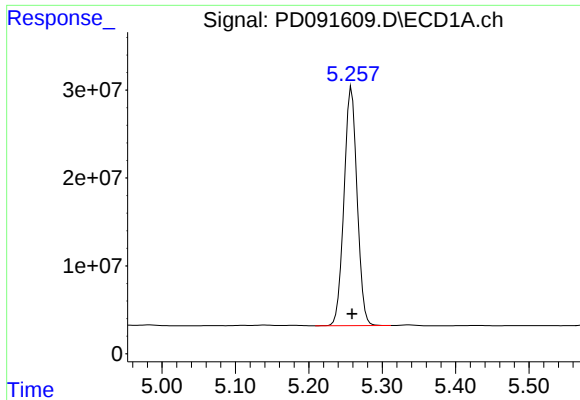
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 335372659
Conc: 47.24 ng/ml



#4 Heptachlor

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 3081258151
Conc: 52.87 ng/ml



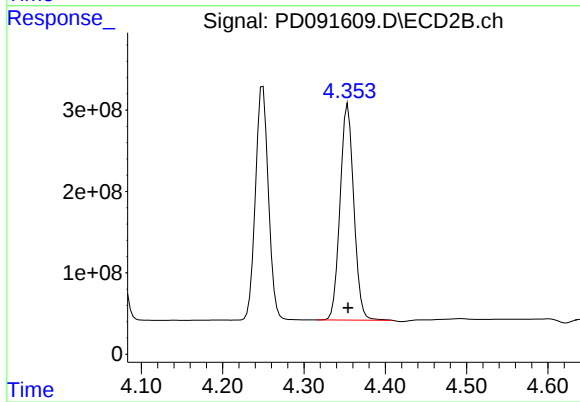
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 336560338
Conc: 48.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

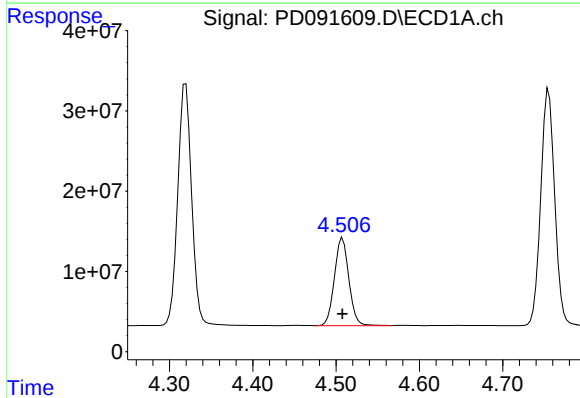
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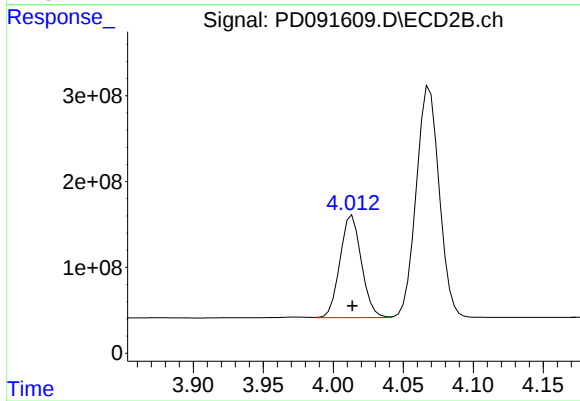
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 3112249353
Conc: 53.67 ng/ml



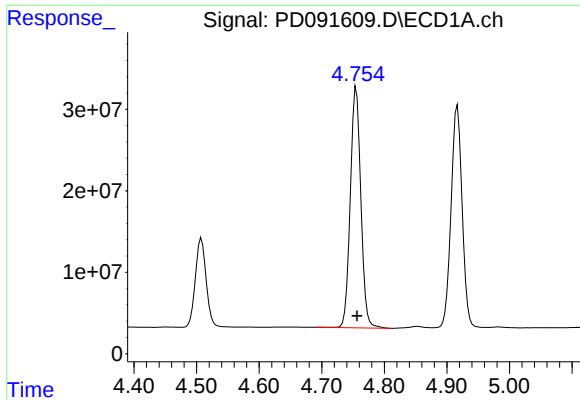
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 131743884
Conc: 45.63 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1275654506
Conc: 53.24 ng/ml



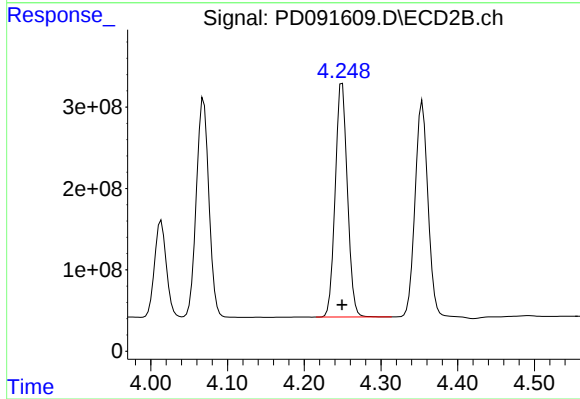
#7 delta-BHC

R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 346923431
Conc: 57.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

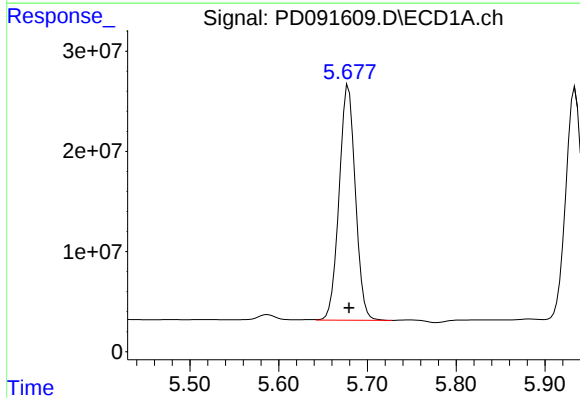
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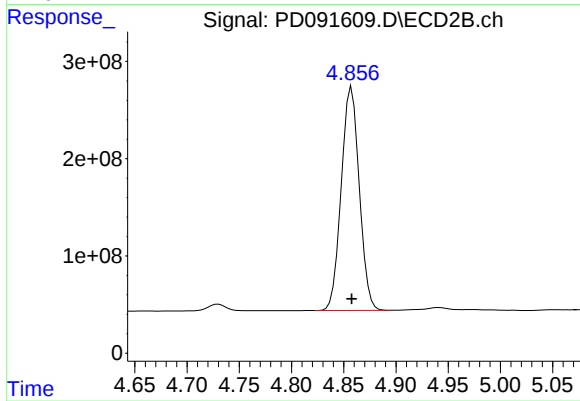
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 317000746
Conc: 52.93 ng/ml



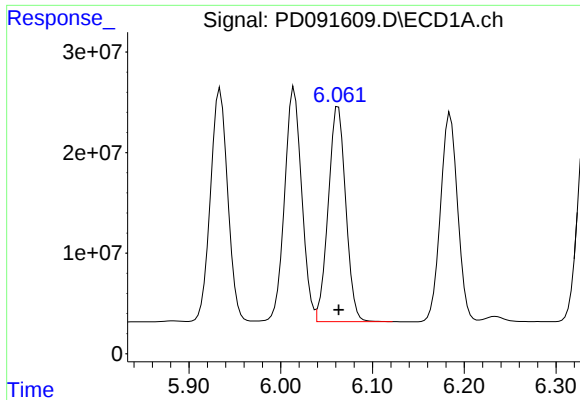
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 298536232
Conc: 48.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 2755446027
Conc: 54.46 ng/ml



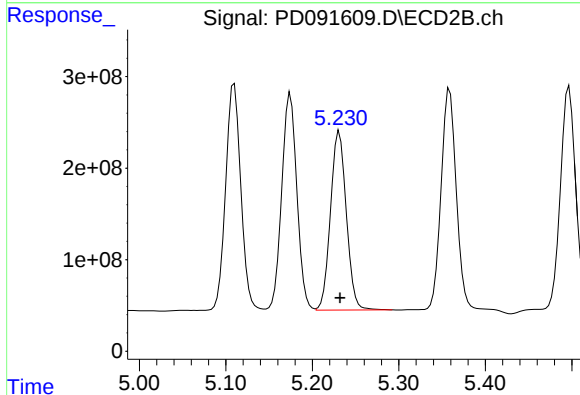
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 283915879
Conc: 46.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

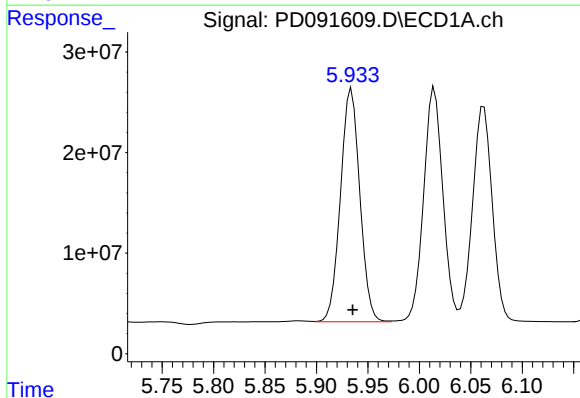
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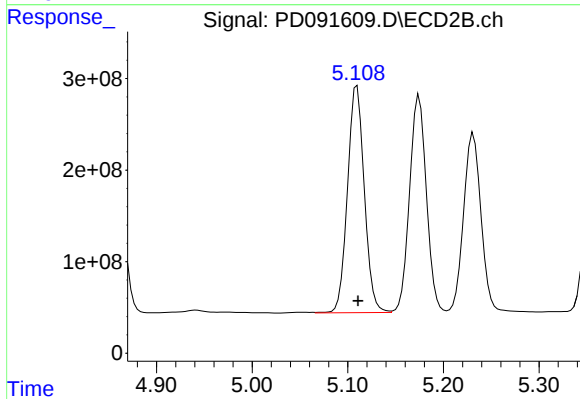
#9 Endosulfan I

R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 2482501737
Conc: 50.67 ng/ml



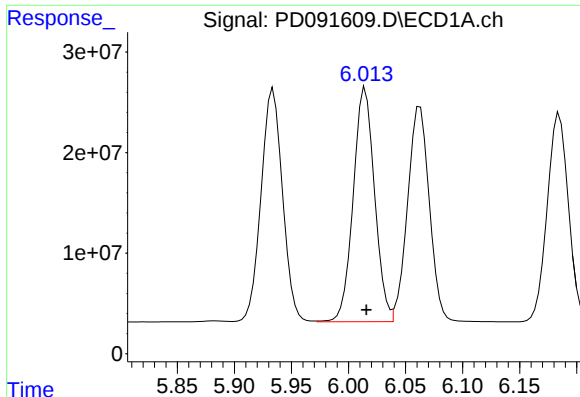
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: 303614094
Conc: 47.61 ng/ml



#10 gamma-Chlordane

R.T.: 5.110 min
Delta R.T.: -0.001 min
Response: 3042952068
Conc: 54.51 ng/ml



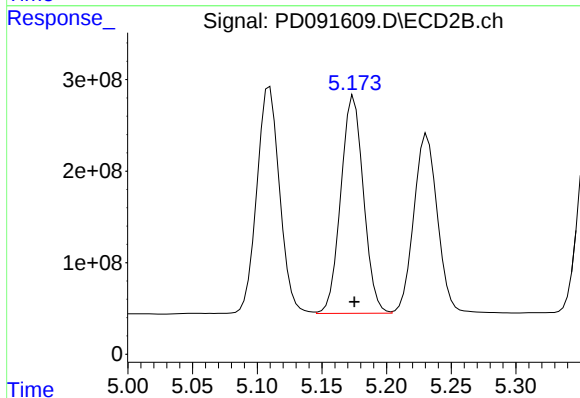
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.001 min
Response: 302900307
Conc: 45.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

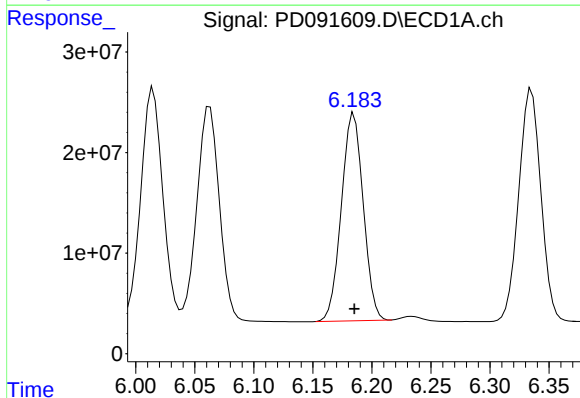
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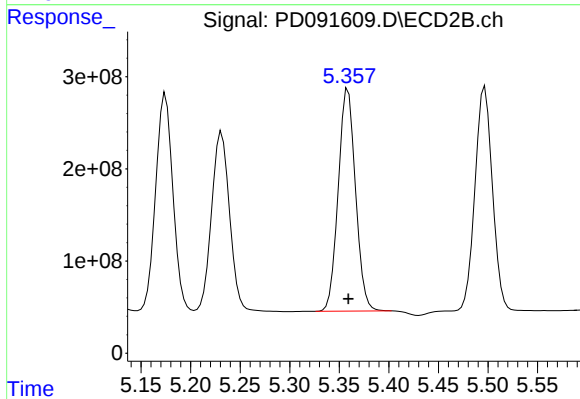
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 2895121449
Conc: 54.06 ng/ml



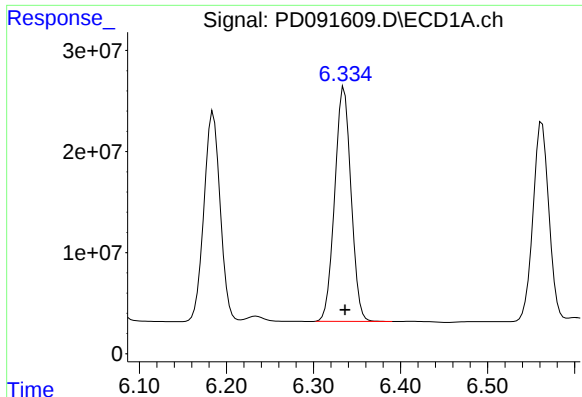
#12 4,4'-DDE

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 266343596
Conc: 45.85 ng/ml



#12 4,4'-DDE

R.T.: 5.357 min
Delta R.T.: -0.002 min
Response: 2929626475
Conc: 53.45 ng/ml m



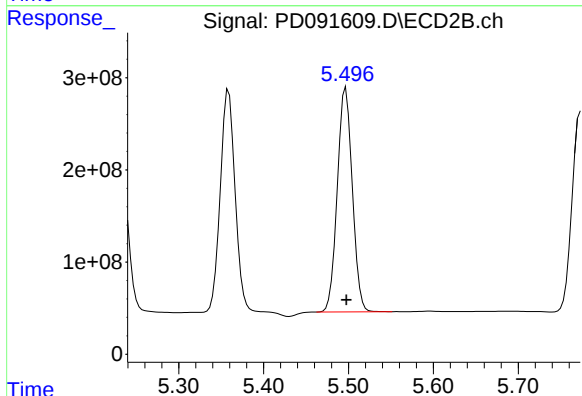
#13 Dieldrin

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 302131715
Conc: 46.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

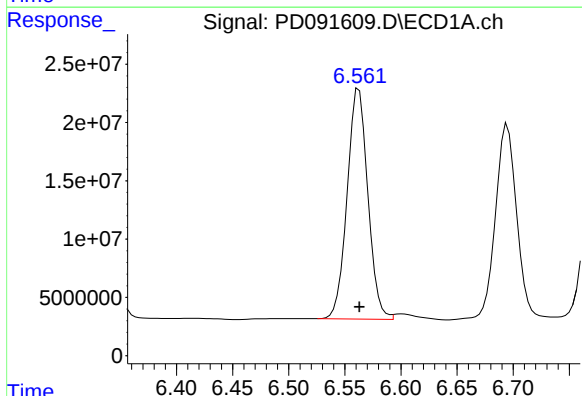
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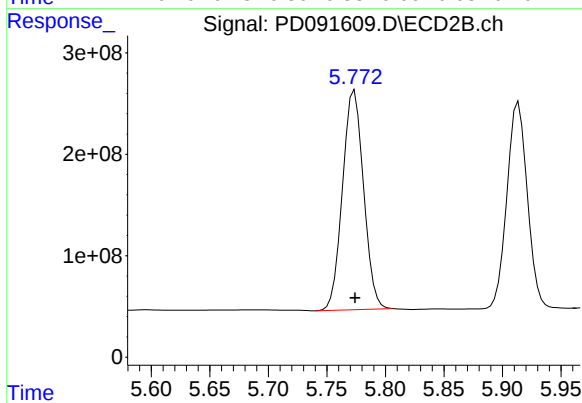
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 2988773342
Conc: 53.89 ng/ml



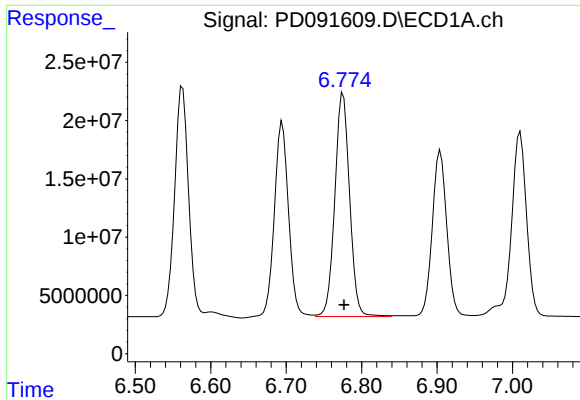
#14 Endrin

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 253850666
Conc: 45.26 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 2710004212
Conc: 51.84 ng/ml



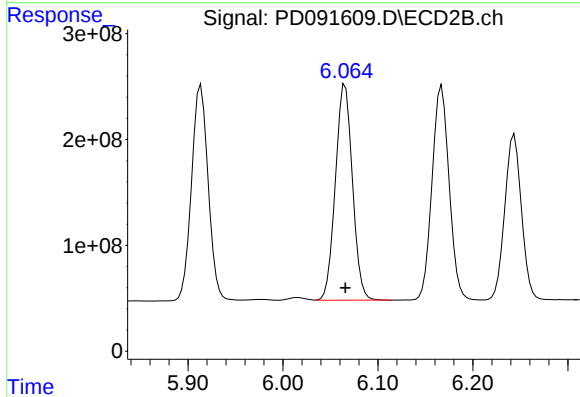
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 261247596
Conc: 42.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

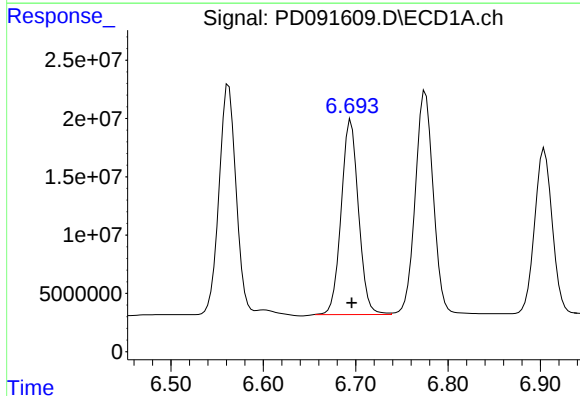
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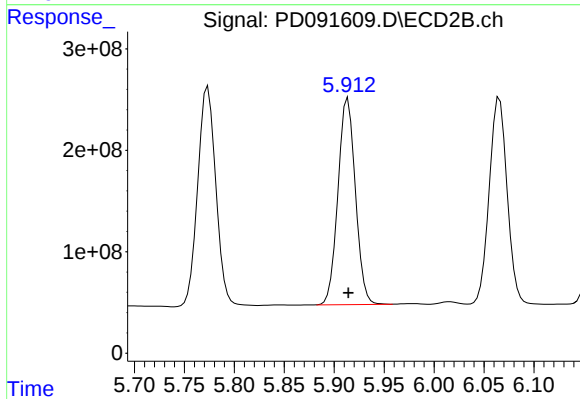
#15 Endosulfan II

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 2548908743
Conc: 54.10 ng/ml



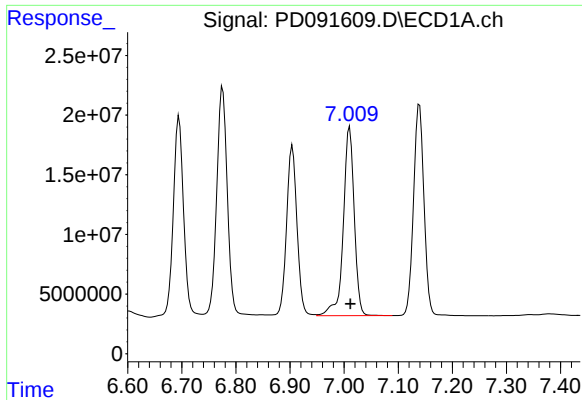
#16 4,4'-DDD

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 217715883
Conc: 47.30 ng/ml



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 2472265961
Conc: 54.35 ng/ml



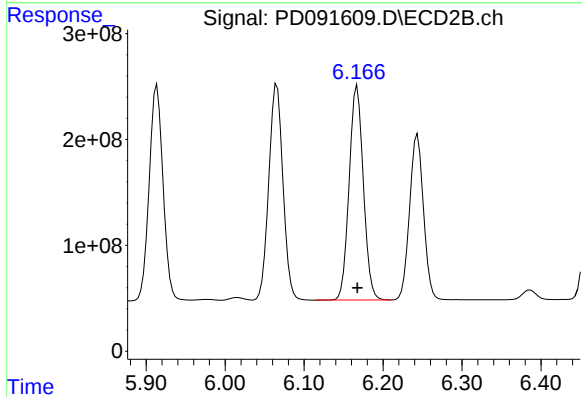
#17 4,4'-DDT

R.T.: 7.010 min
Delta R.T.: -0.001 min
Response: 222446035
Conc: 43.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

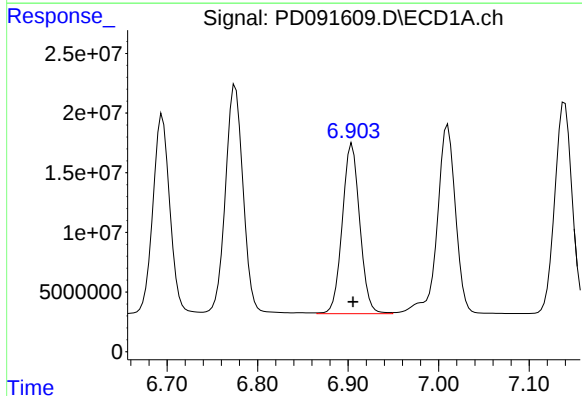
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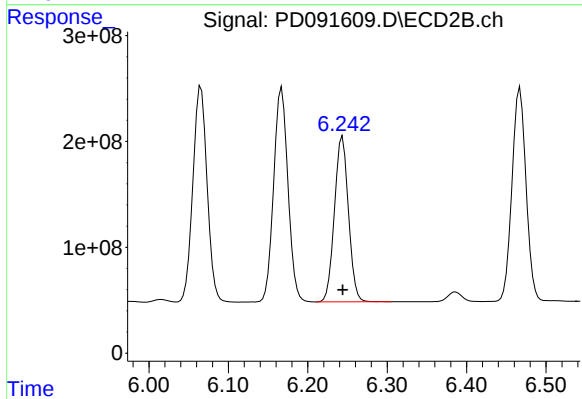
#17 4,4'-DDT

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 2534569821
Conc: 53.47 ng/ml



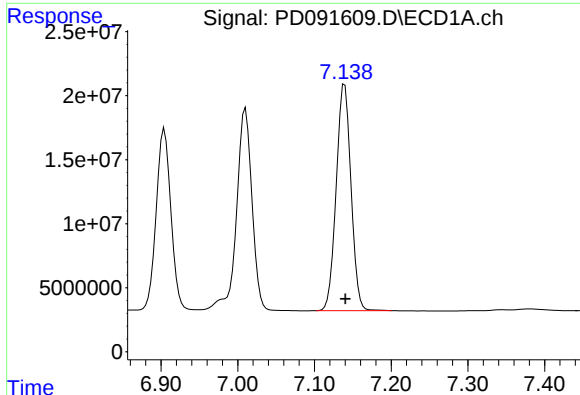
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: -0.001 min
Response: 191012449
Conc: 45.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 1911981702
Conc: 53.57 ng/ml



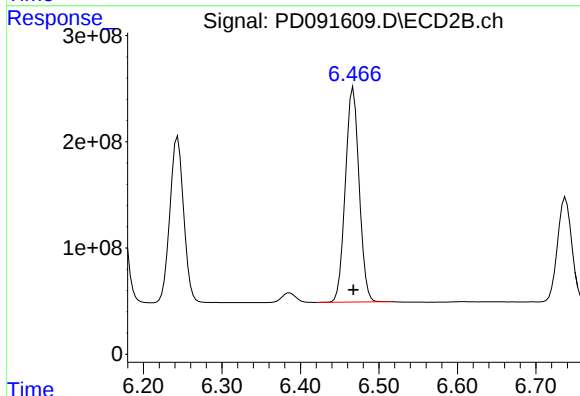
#19 Endosulfan Sulfate

R.T.: 7.139 min
Delta R.T.: -0.001 min
Response: 237141333
Conc: 44.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

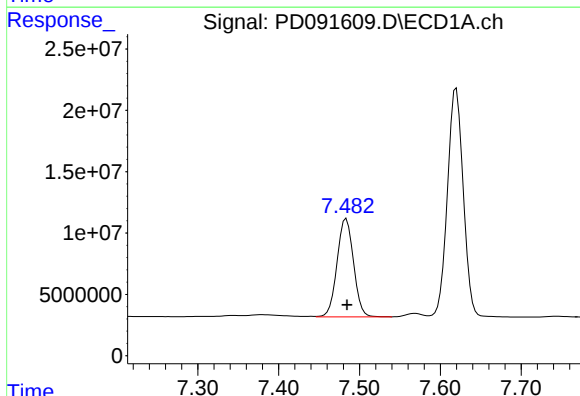
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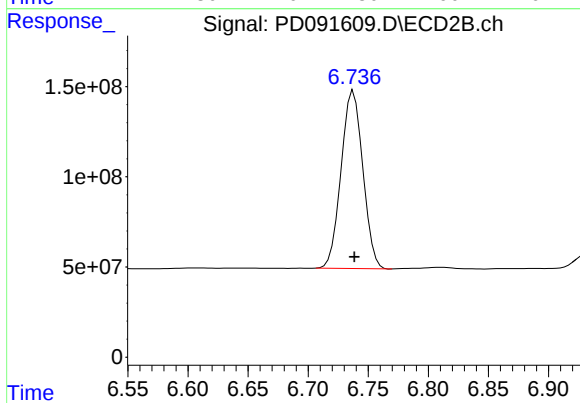
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2472734909
Conc: 53.65 ng/ml



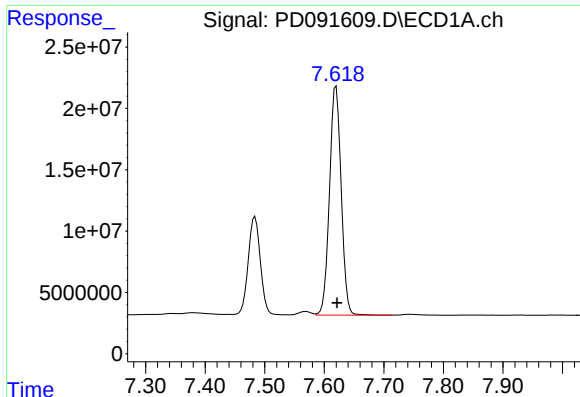
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 113494271
Conc: 42.22 ng/ml



#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 1243579444
Conc: 52.70 ng/ml



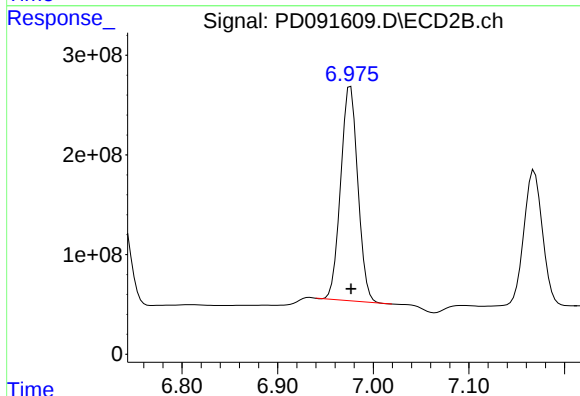
#21 Endrin ketone

R.T.: 7.620 min
Delta R.T.: -0.001 min
Response: 254512815
Conc: 45.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

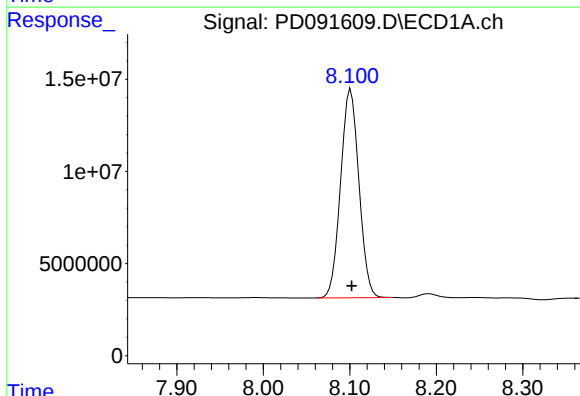
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



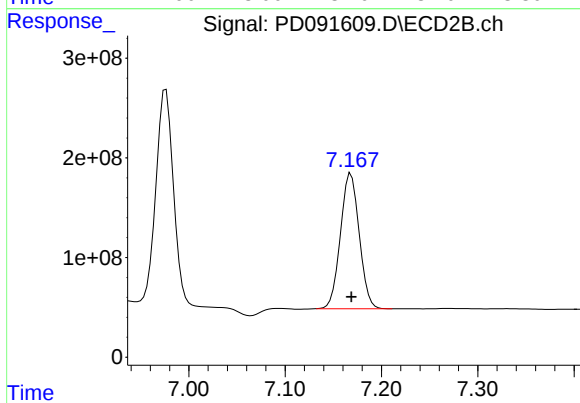
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 2681751399
Conc: 55.13 ng/ml



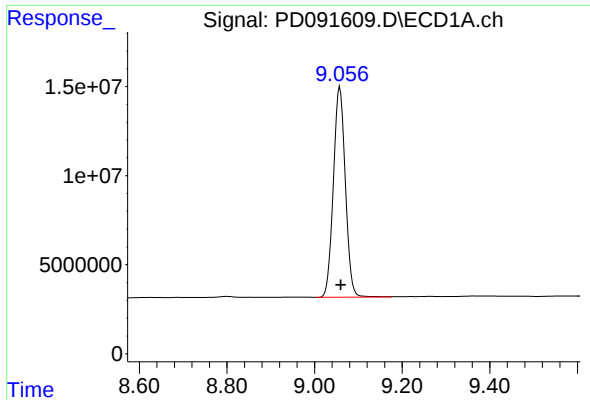
#22 Mirex

R.T.: 8.101 min
Delta R.T.: -0.001 min
Response: 166199888
Conc: 44.73 ng/ml



#22 Mirex

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 1836144519
Conc: 56.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 224627029
Conc: 43.21 ng/ml

Instrument :

ECD_D

ClientSampleId :

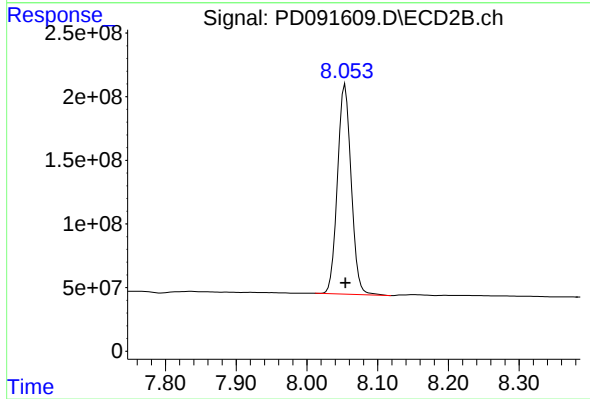
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 2219559616
Conc: 53.60 ng/ml