

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
 Data File : PD091485.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2025 16:03
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/09/2025
 Supervised By :Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 16:52:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 08 16:42:21 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...	3.538	2.870	19361582	231.3E6	5.570m	5.869
28)	SA Decachlor...	9.058	8.054	30785010	241.1E6	5.922	5.823
Target Compounds							
2)	A alpha-BHC	3.989	3.381	37976885	384.2E6	4.717	5.635
3)	MA gamma-BHC...	4.320	3.718	36651202	320.6E6	4.877	5.702
4)	MA Heptachlor	4.917	4.069	37827649	341.2E6	5.329	5.854
5)	MB Aldrin	5.258	4.354	35486562	337.2E6	5.100	5.815
6)	B beta-BHC	4.508	4.014	16343472	144.3E6	5.661	6.024
7)	B delta-BHC	4.754	4.250	27855228	341.7E6	4.656m	5.706
8)	B Heptachlo...	5.677	4.858	33360350	300.5E6	5.400m	5.938
9)	A Endosulfan I	6.062	5.232	33325556	292.6E6	5.454	5.973
10)	B gamma-Chl...	5.934	5.111	33787887	324.7E6	5.298	5.817
11)	B alpha-Chl...	6.014	5.175	39052993	313.8E6	5.893	5.859
12)	B 4,4'-DDE	6.185	5.359	29323238	320.3E6	5.048	5.844
13)	MA Dieldrin	6.335	5.497	33478353	323.3E6	5.145	5.828
14)	MA Endrin	6.562	5.774	28901386	324.6E6	5.153	6.209
15)	B Endosulfa...	6.774	6.064	40185937	285.7E6	6.542m	6.080m
16)	A 4,4'-DDD	6.694	5.914	23581817	265.4E6	5.123	5.835
17)	MA 4,4'-DDT	7.010	6.168	26728342	258.0E6	5.183	5.442
18)	B Endrin al...	6.904	6.244	23850335	222.2E6	5.709	6.225
19)	B Endosulfa...	7.139	6.467	28944632	272.2E6	5.483	5.905
20)	A Methoxychlor	7.483	6.738	15463387	137.8E6	5.753	5.840
21)	B Endrin ke...	7.619	6.977	30820770	292.2E6	5.471	6.007
22)	Mirex	8.102	7.168	22405533	201.1E6	6.030	6.136

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
Data File : PD091485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 16:03
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

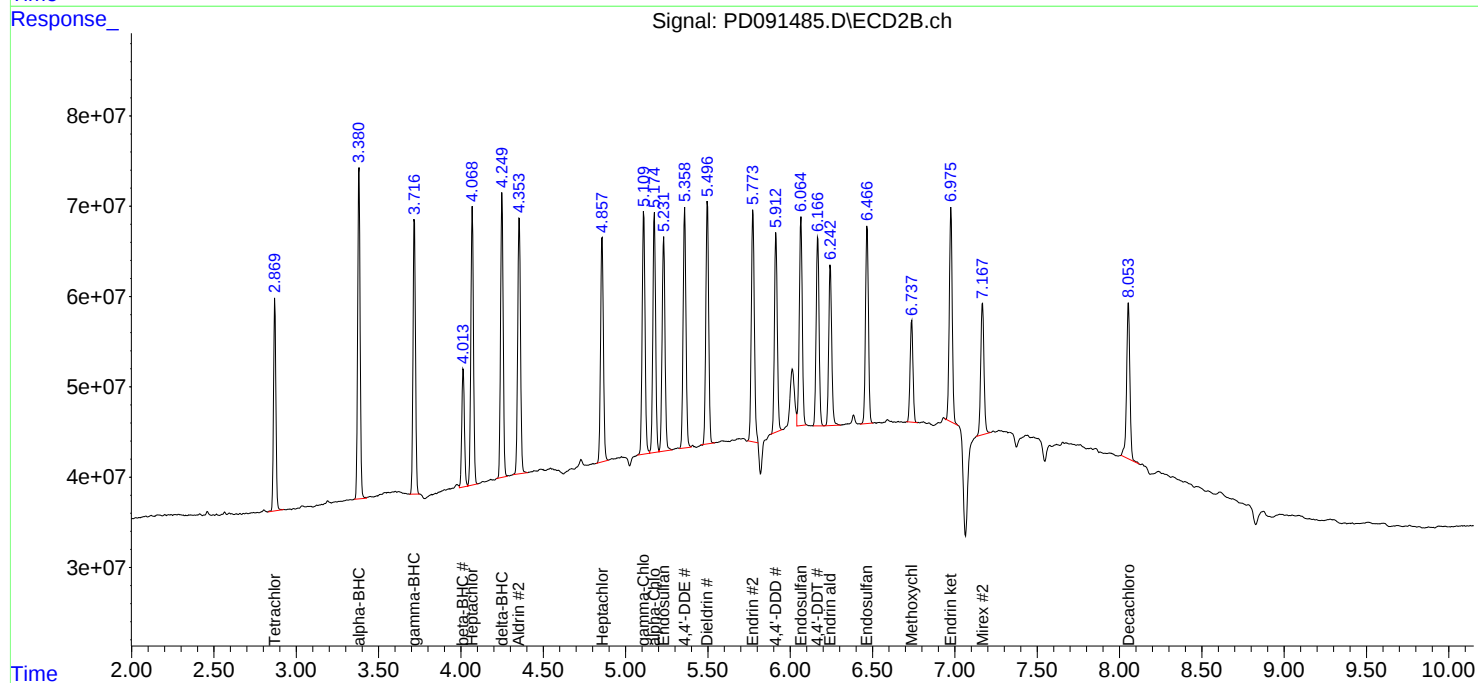
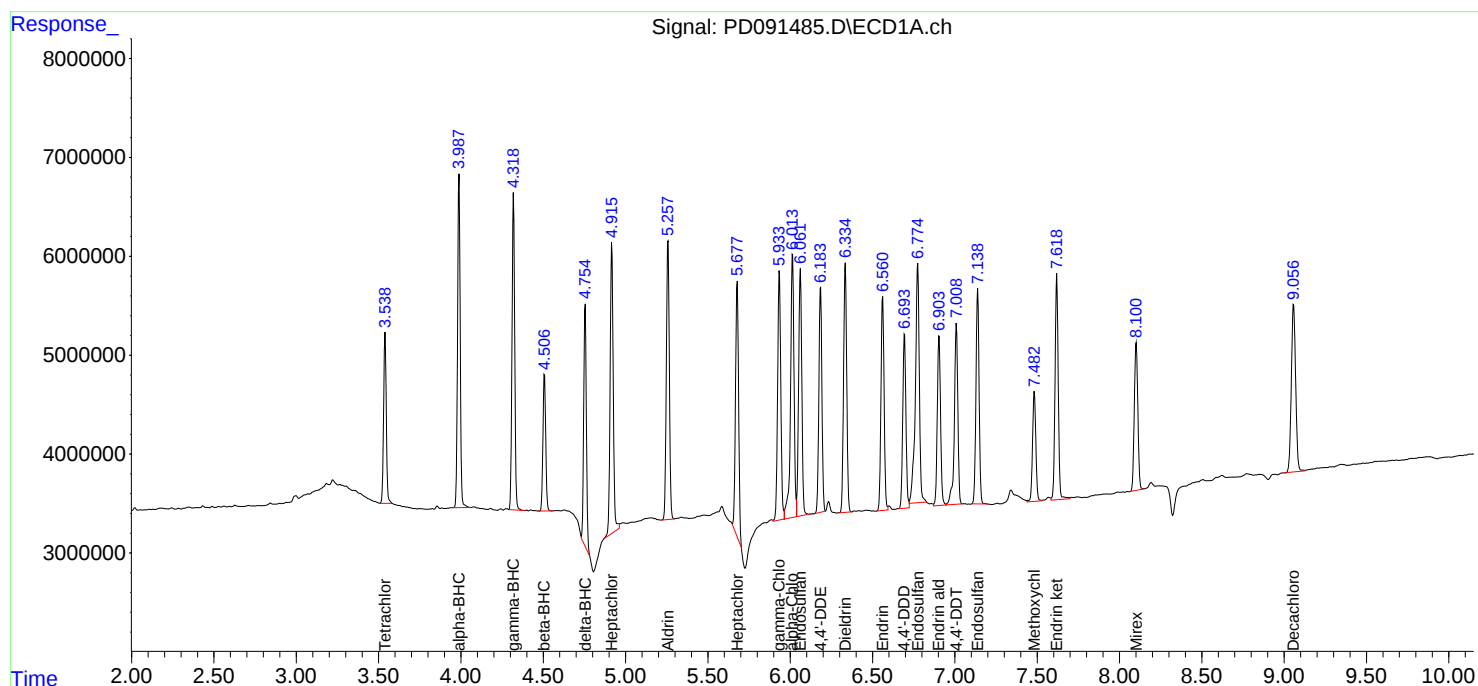
Manual Integrations

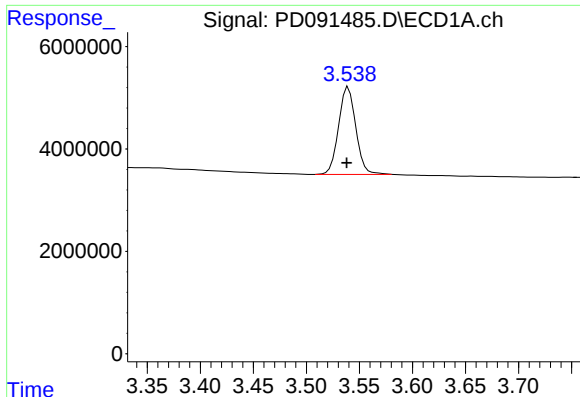
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Reviewed By :Abdul Mirza 12/09/2025
Supervised By :Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 08 16:52:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Mon Dec 08 16:42:21 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





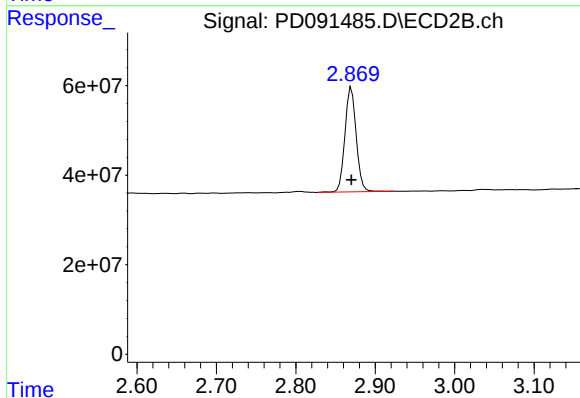
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 19361582
Conc: 5.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

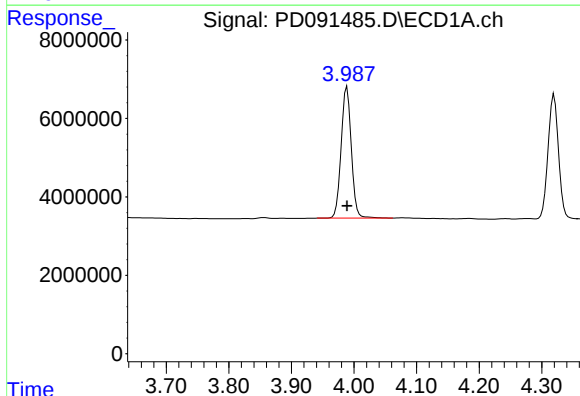
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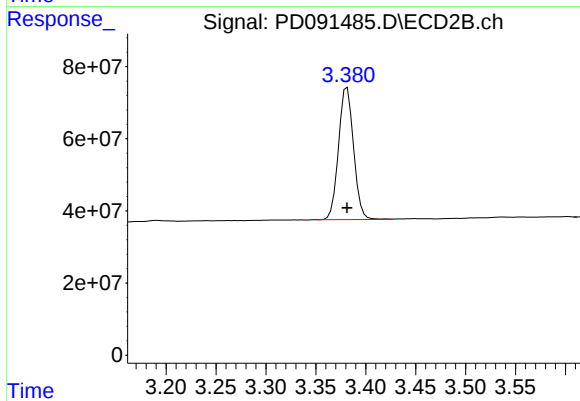
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 231269882
Conc: 5.87 ng/ml



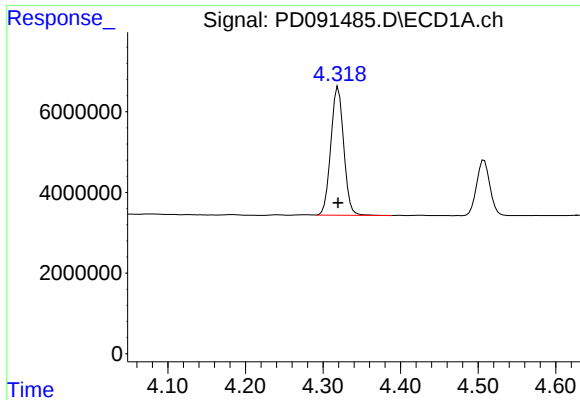
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 37976885
Conc: 4.72 ng/ml



#2 alpha-BHC

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 384174576
Conc: 5.64 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 36651202
Conc: 4.88 ng/ml

Instrument :

ECD_D

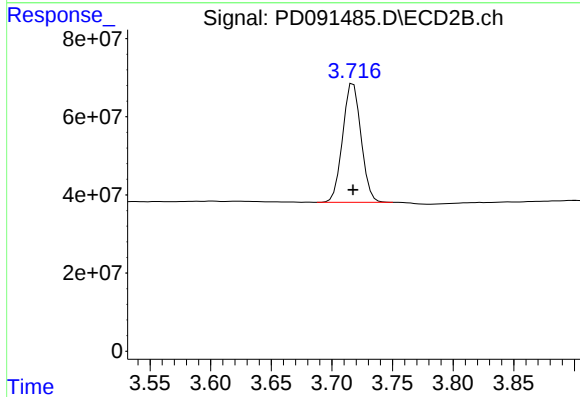
ClientSampleId :

PSTDICC005

Manual Integrations

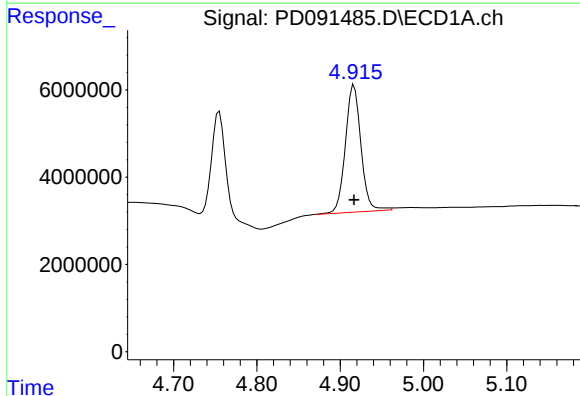
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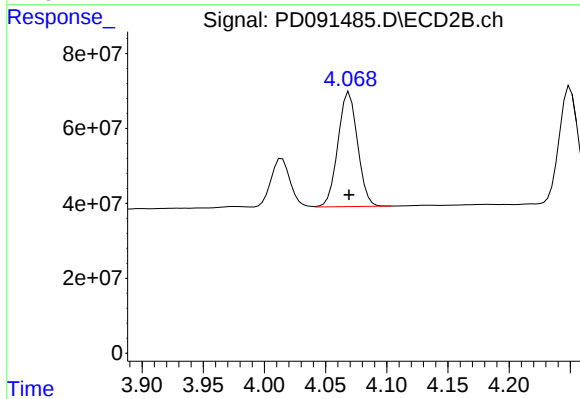
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 320600992
Conc: 5.70 ng/ml



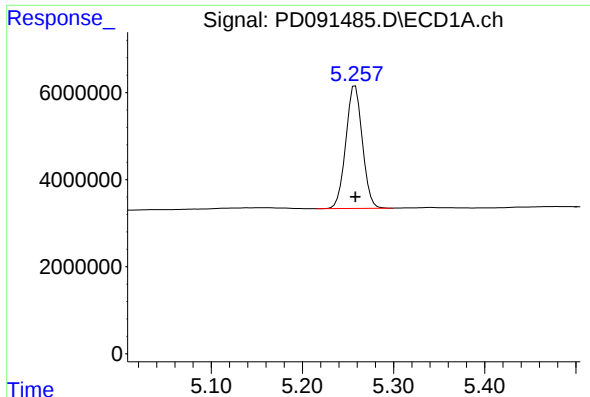
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 37827649
Conc: 5.33 ng/ml



#4 Heptachlor

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 341184884
Conc: 5.85 ng/ml



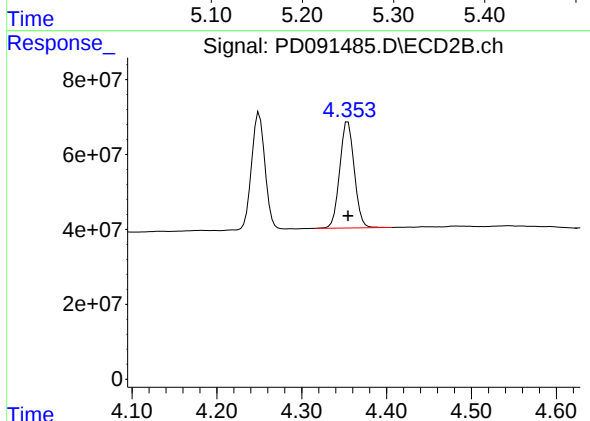
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 35486562
Conc: 5.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

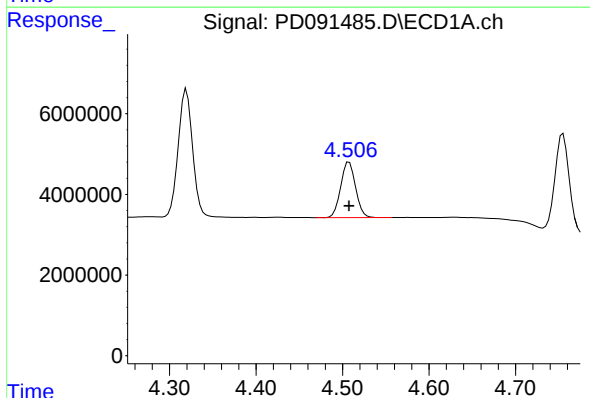
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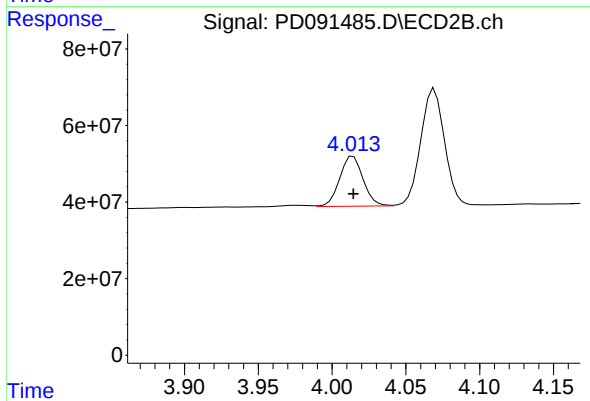
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 337190123
Conc: 5.82 ng/ml



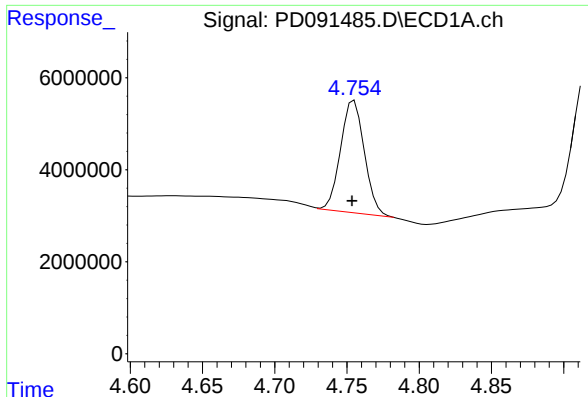
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 16343472
Conc: 5.66 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 144334826
Conc: 6.02 ng/ml



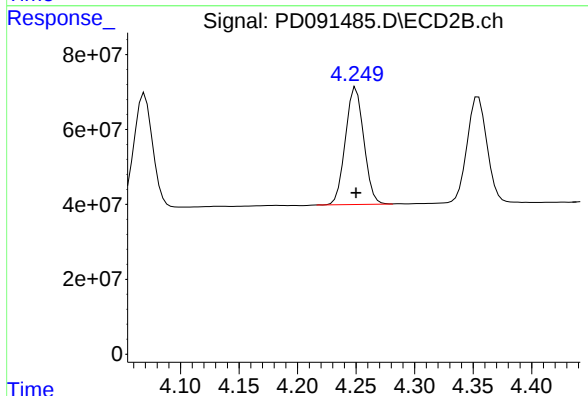
#7 delta-BHC

R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 27855228
Conc: 4.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

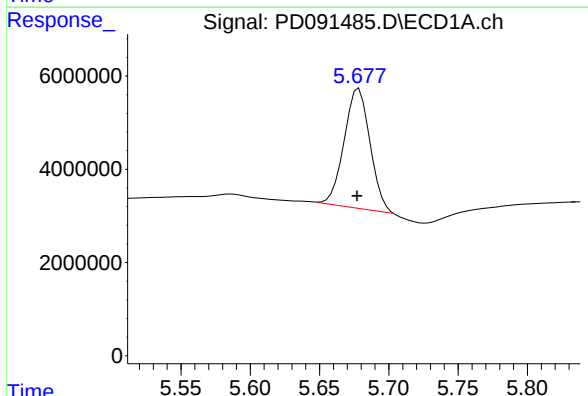
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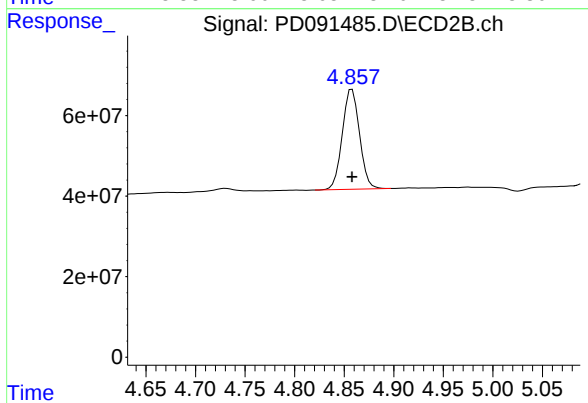
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 341711222
Conc: 5.71 ng/ml



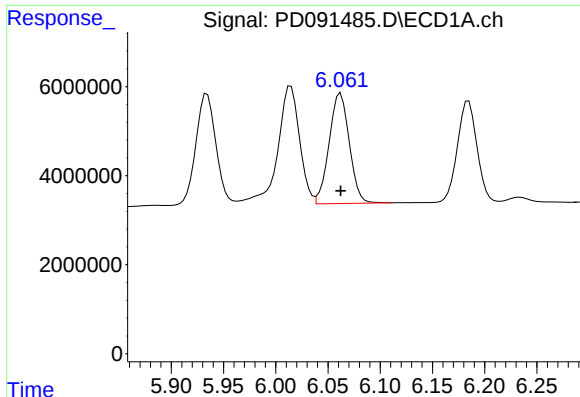
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 33360350
Conc: 5.40 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 300452585
Conc: 5.94 ng/ml



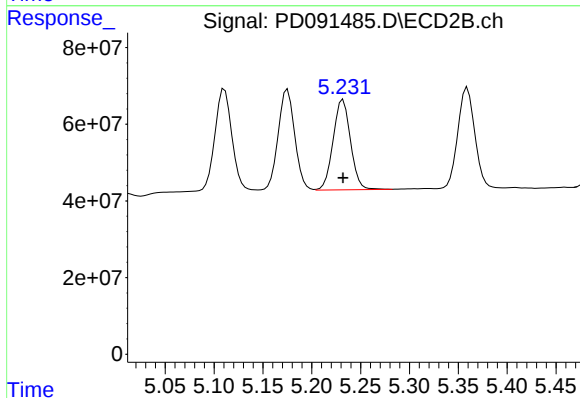
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 33325556
Conc: 5.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

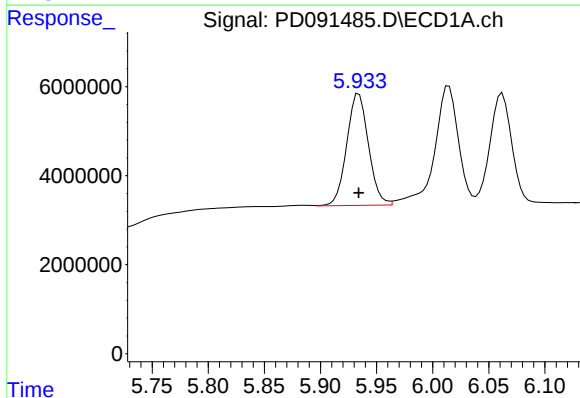
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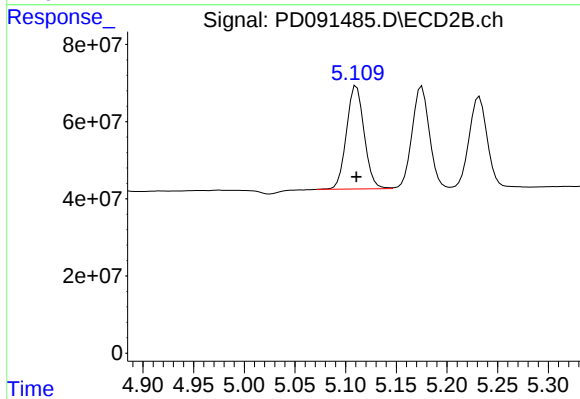
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 292618925
Conc: 5.97 ng/ml



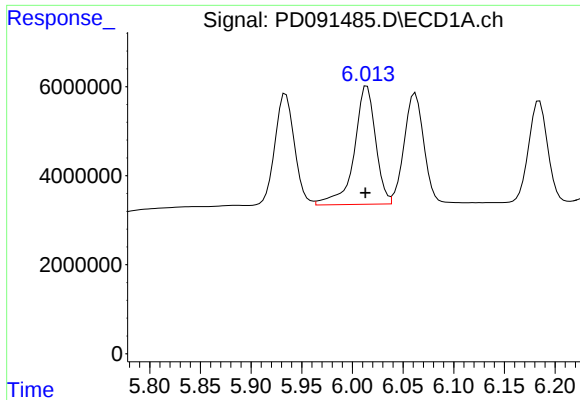
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 33787887
Conc: 5.30 ng/ml



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 324705358
Conc: 5.82 ng/ml



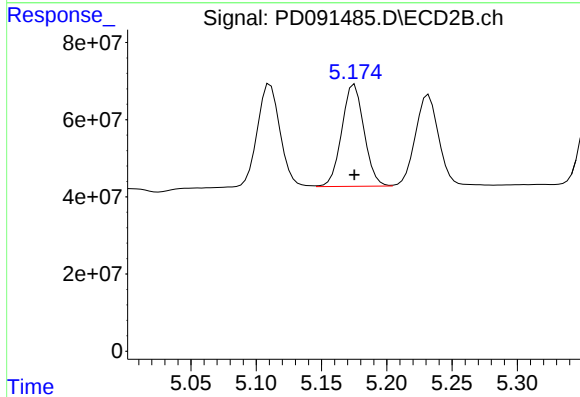
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: 0.001 min
Response: 39052993
Conc: 5.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

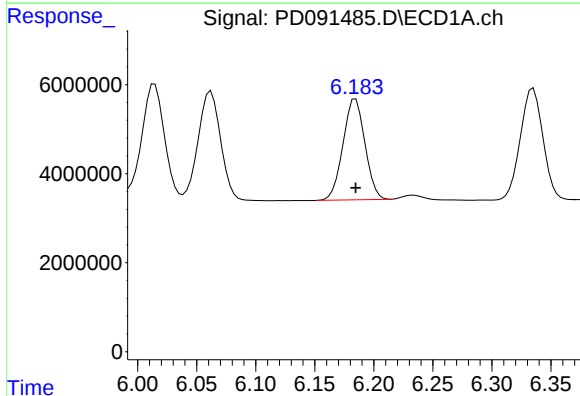
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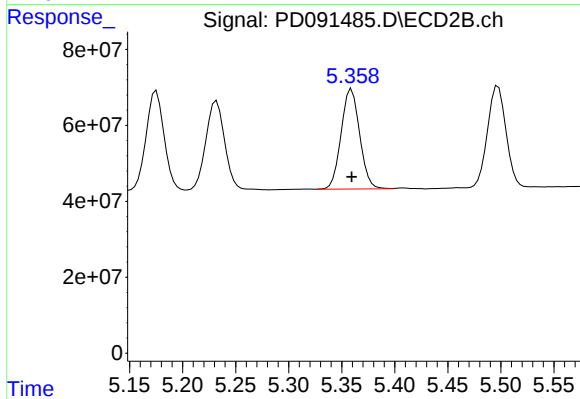
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 313774746
Conc: 5.86 ng/ml



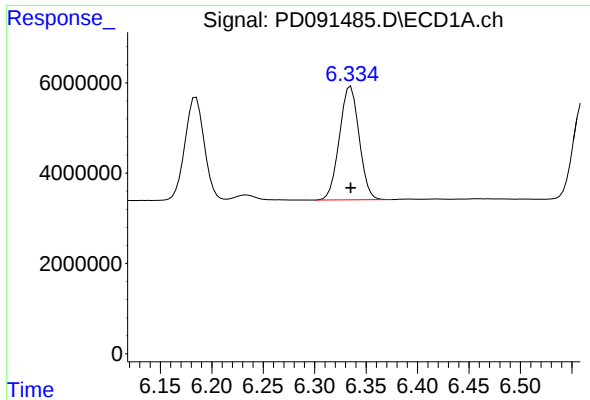
#12 4,4'-DDE

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 29323238
Conc: 5.05 ng/ml



#12 4,4'-DDE

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 320271779
Conc: 5.84 ng/ml



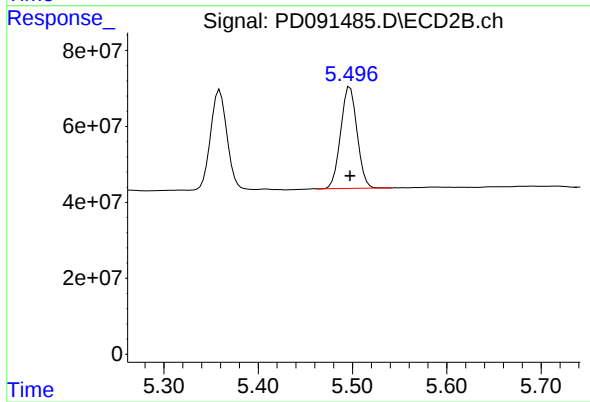
#13 Dieldrin

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 33478353
Conc: 5.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

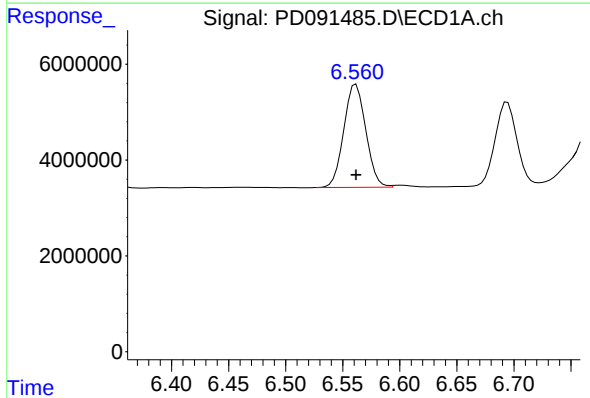
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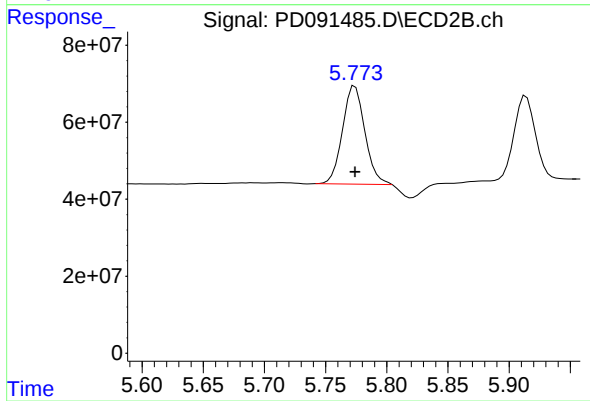
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 323268250
Conc: 5.83 ng/ml



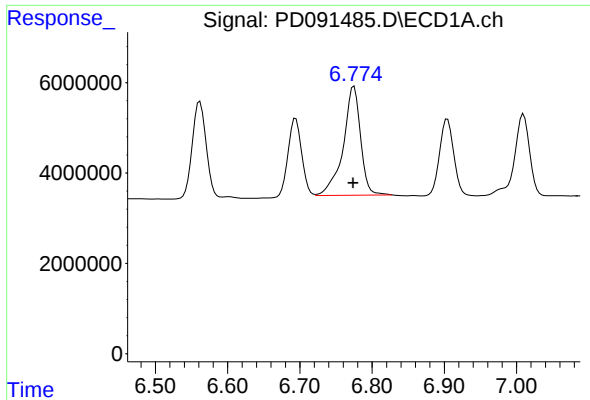
#14 Endrin

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 28901386
Conc: 5.15 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 324568608
Conc: 6.21 ng/ml



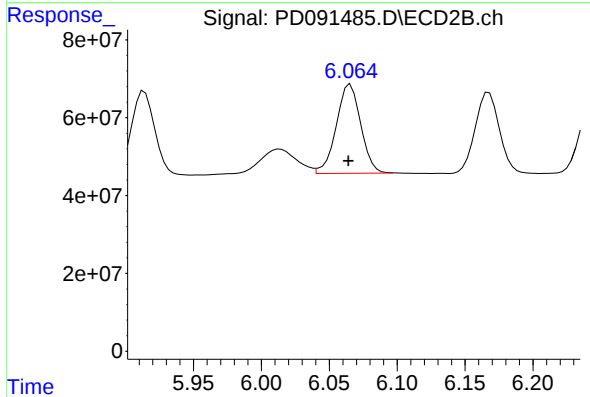
#15 Endosulfan II

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 40185937
Conc: 6.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

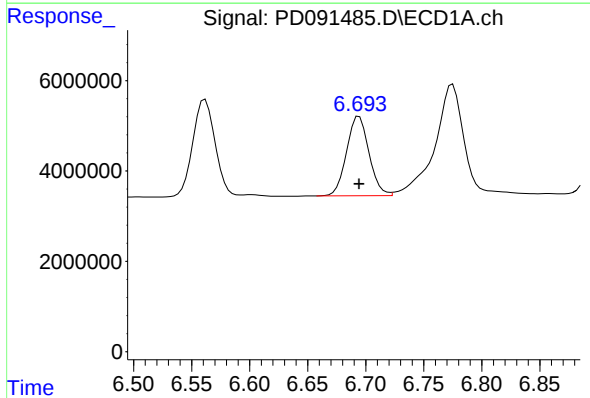
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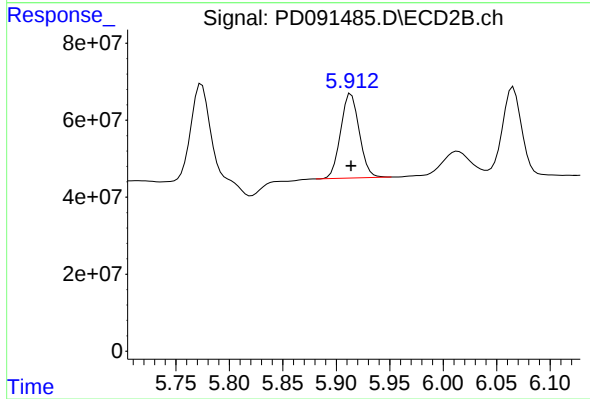
#15 Endosulfan II

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 285726526
Conc: 6.08 ng/ml m



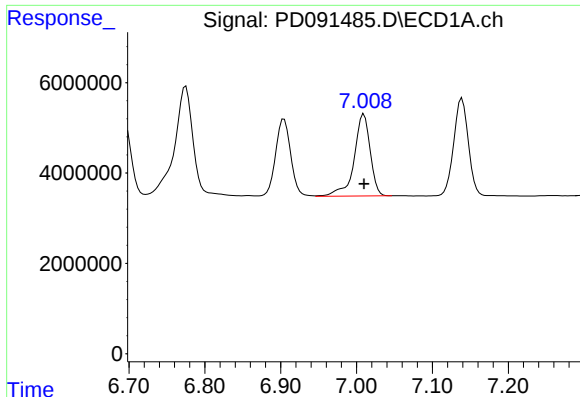
#16 4,4'-DDD

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 23581817
Conc: 5.12 ng/ml



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 265428631
Conc: 5.84 ng/ml



#17 4,4'-DDT

R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 26728342
Conc: 5.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

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#17 4,4'-DDT

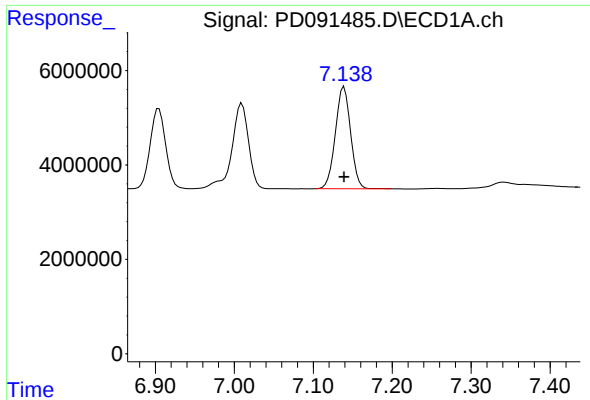
R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 257953417
Conc: 5.44 ng/ml

#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 23850335
Conc: 5.71 ng/ml

#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 222161491
Conc: 6.22 ng/ml



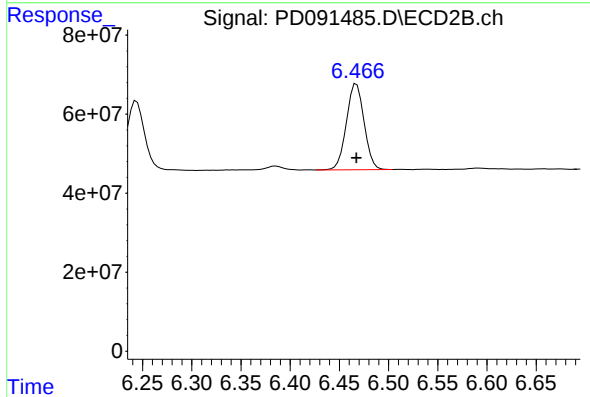
#19 Endosulfan Sulfate

R.T.: 7.139 min
Delta R.T.: 0.000 min
Response: 28944632
Conc: 5.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

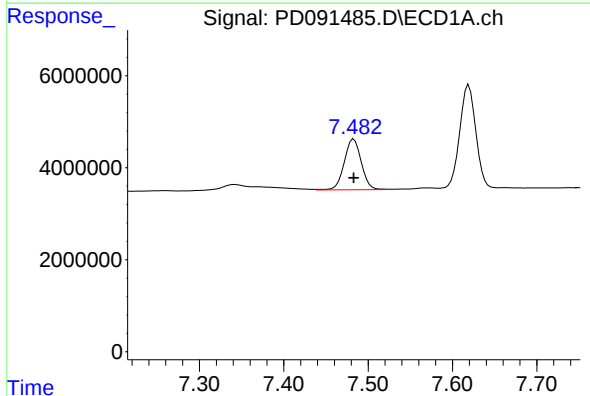
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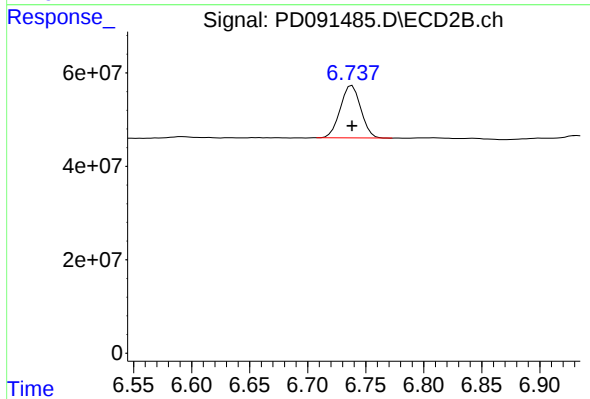
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 272199084
Conc: 5.91 ng/ml



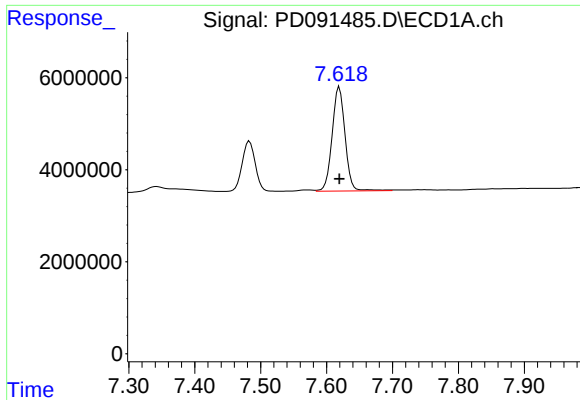
#20 Methoxychlor

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 15463387
Conc: 5.75 ng/ml



#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 137822303
Conc: 5.84 ng/ml



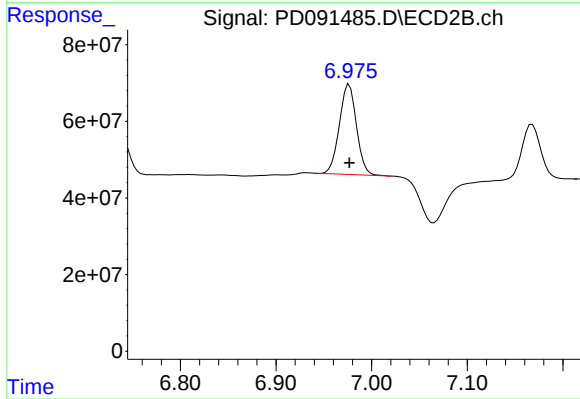
#21 Endrin ketone

R.T.: 7.619 min
Delta R.T.: 0.000 min
Response: 30820770
Conc: 5.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

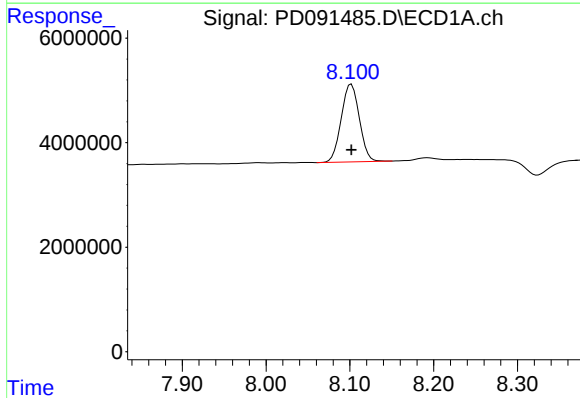
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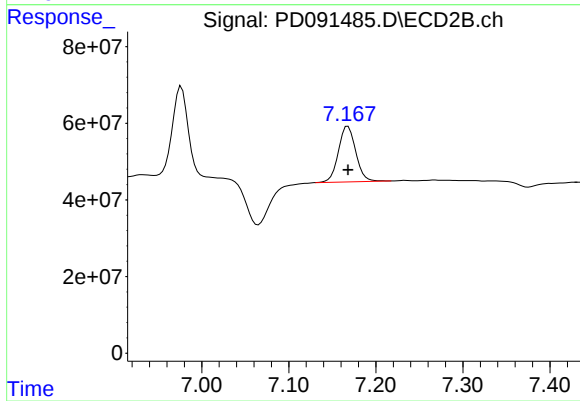
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 292198892
Conc: 6.01 ng/ml



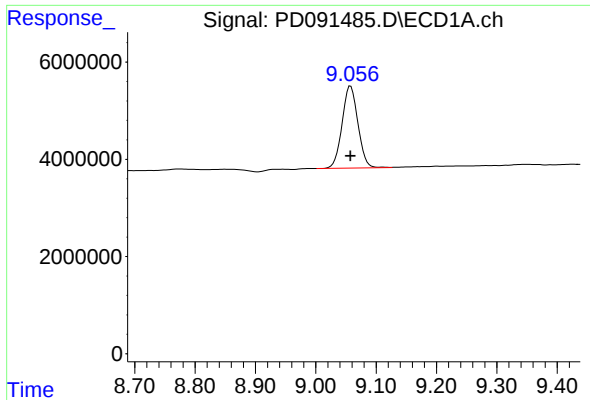
#22 Mirex

R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 22405533
Conc: 6.03 ng/ml



#22 Mirex

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 201118099
Conc: 6.14 ng/ml



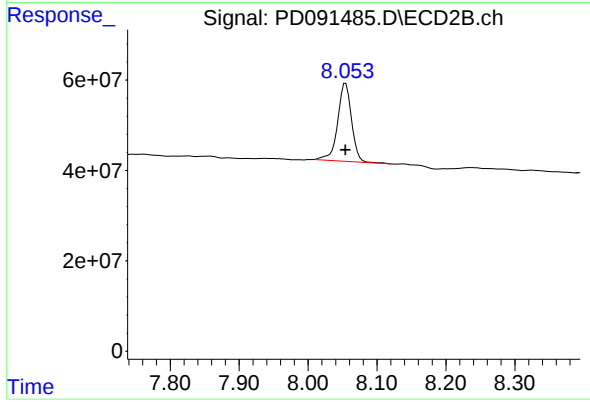
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 30785010
Conc: 5.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/09/2025
Supervised By :Yogesh Patel 12/09/2025



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 241143603
Conc: 5.82 ng/ml