

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091287.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 18:40
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/20/2025
 Supervised By : Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:32:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.872	170.0E6	1833.5E6	49.283	50.054
28)	SA Decachlor...	9.058	8.055	228.4E6	1780.9E6	45.854	45.000
Target Compounds							
2)	A alpha-BHC	3.991	3.383	410.1E6	3193.4E6	51.292	50.525
3)	MA gamma-BHC...	4.321	3.719	379.3E6	2899.1E6	50.758	50.140
4)	MA Heptachlor	4.918	4.070	308.4E6	2439.9E6	43.061	44.193
5)	MB Aldrin	5.260	4.356	362.2E6	2946.5E6	49.908	52.188
6)	B beta-BHC	4.509	4.015	142.5E6	1185.4E6	49.045	49.335
7)	B delta-BHC	4.757	4.251	379.6E6	2949.7E6	51.080	50.442
8)	B Heptachlo...	5.679	4.860	322.8E6	2553.1E6	49.686	50.102
9)	A Endosulfan I	6.063	5.233	300.0E6	1988.3E6	48.842	41.551
10)	B gamma-Chl...	5.935	5.112	325.8E6	2816.0E6	50.121	51.549
11)	B alpha-Chl...	6.016	5.177	320.6E6	2654.6E6	46.577	50.728
12)	B 4,4'-DDE	6.185	5.359	284.3E6	2702.7E6	49.025	50.572m
13)	MA Dieldrin	6.336	5.498	318.4E6	2730.0E6	49.256	50.266
14)	MA Endrin	6.563	5.775	261.1E6	2394.5E6	52.602	52.985
15)	B Endosulfa...	6.775	6.067	264.6E6	2297.3E6	47.603m	49.214
16)	A 4,4'-DDD	6.696	5.916	232.8E6	2276.5E6	47.400	46.584
17)	MA 4,4'-DDT	7.011	6.169	187.8E6	1846.6E6	45.415	47.188
18)	B Endrin al...	6.905	6.245	196.3E6	1679.8E6	47.120	47.601
19)	B Endosulfa...	7.140	6.468	237.8E6	2151.3E6	46.218	47.983
20)	A Methoxychlor	7.484	6.739	88172487	869.0E6	40.551	43.340
21)	B Endrin ke...	7.620	6.977	253.0E6	2337.2E6	44.916	45.866
22)	Mirex	8.102	7.170	163.0E6	1560.6E6	45.832	47.091

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 18:40
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

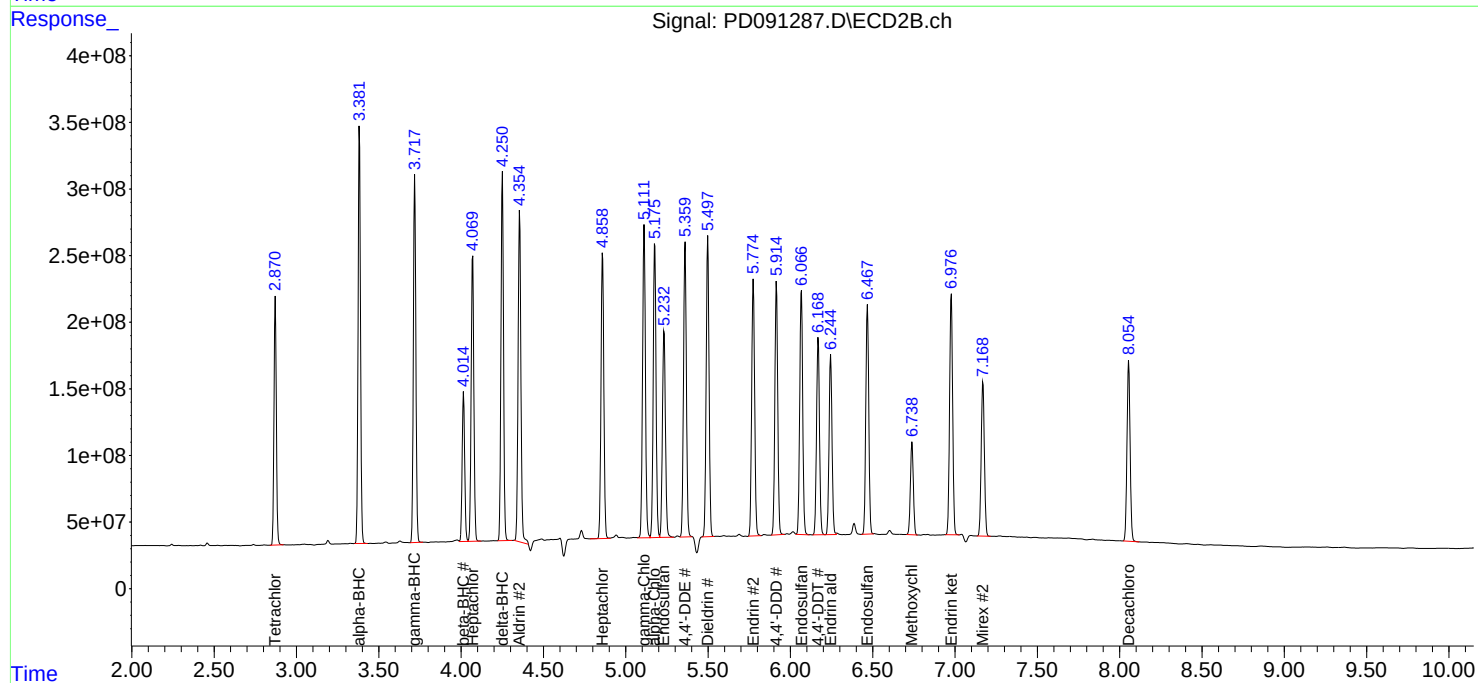
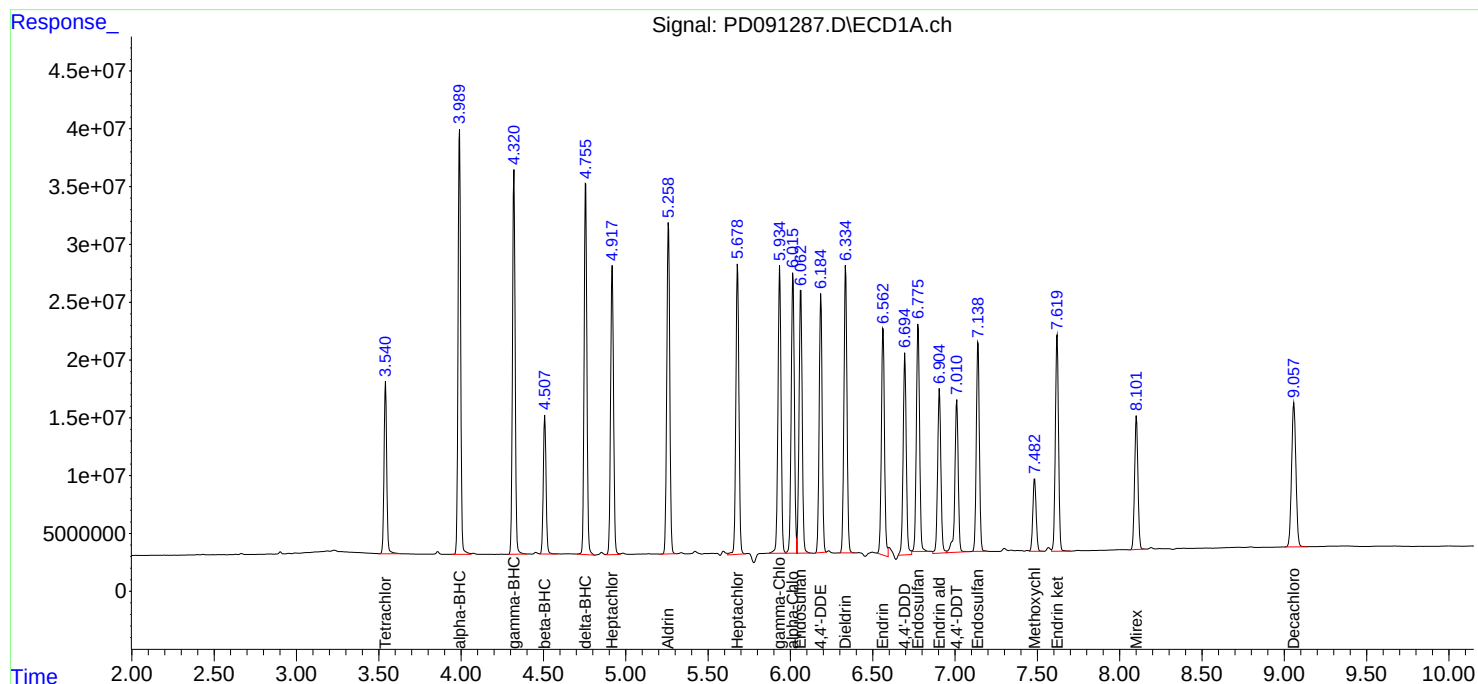
APPROVED

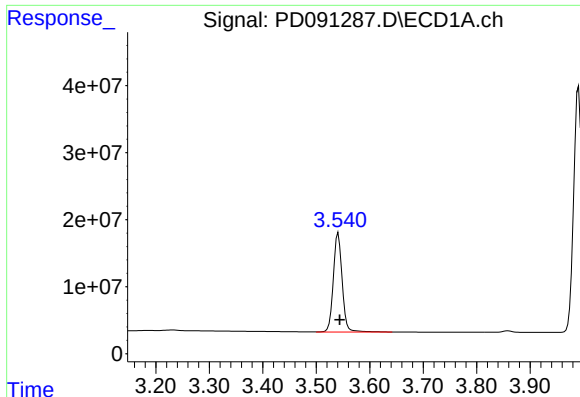
Reviewed By :Abdul Mirza 11/20/2025

Supervised By :Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:32:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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.: 3.541 min
Delta R.T.: -0.003 min
Response: 169957746
Conc: 49.28 ng/ml

Instrument :

ECD_D

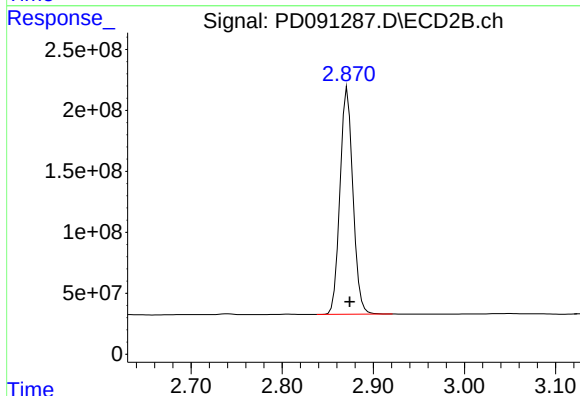
ClientSampleId :

PSTDCCC050

Manual Integrations

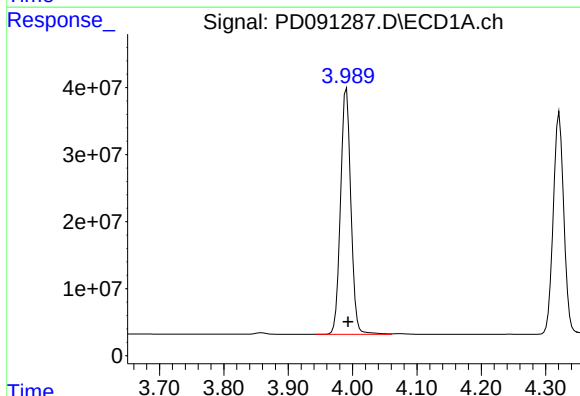
APPROVED

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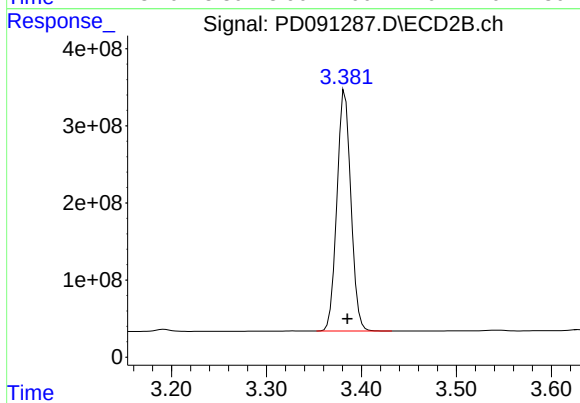
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 1833496550
Conc: 50.05 ng/ml



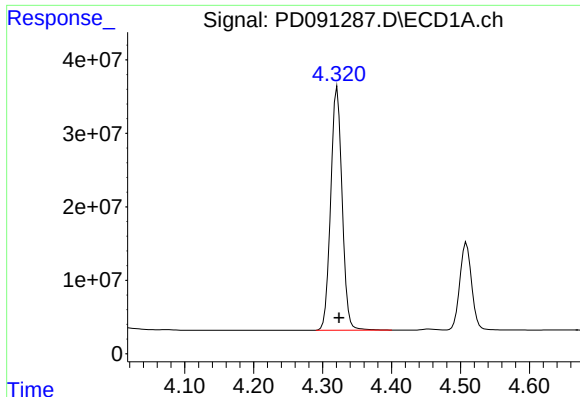
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 410104646
Conc: 51.29 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 3193351855
Conc: 50.53 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: -0.002 min
Response: 379308348
Conc: 50.76 ng/ml

Instrument :

ECD_D

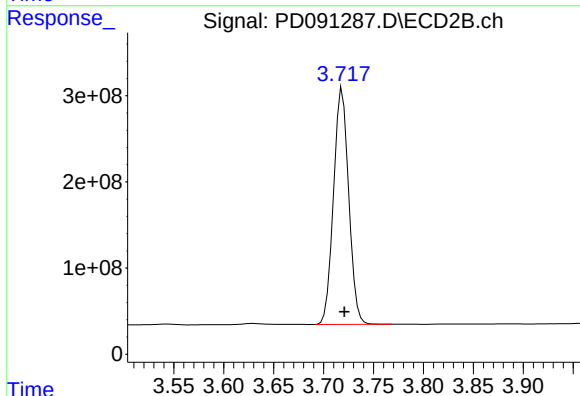
ClientSampleId :

PSTDCCC050

Manual Integrations

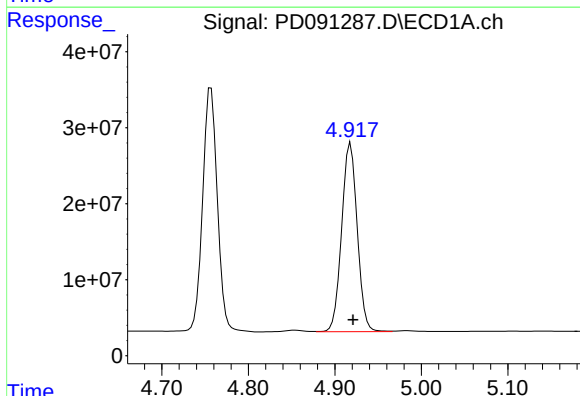
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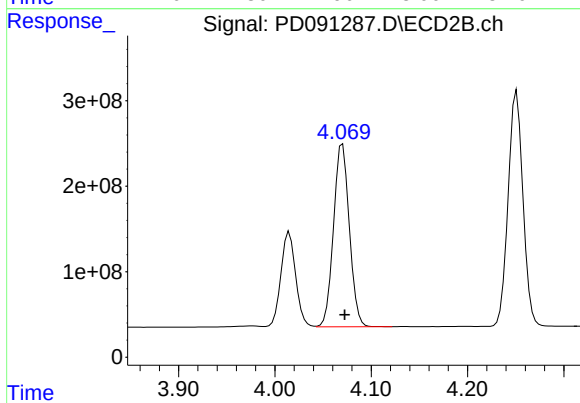
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 2899136615
Conc: 50.14 ng/ml



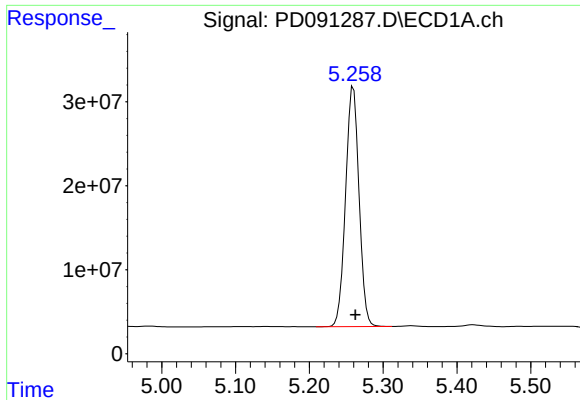
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.003 min
Response: 308390854
Conc: 43.06 ng/ml



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.002 min
Response: 2439863467
Conc: 44.19 ng/ml



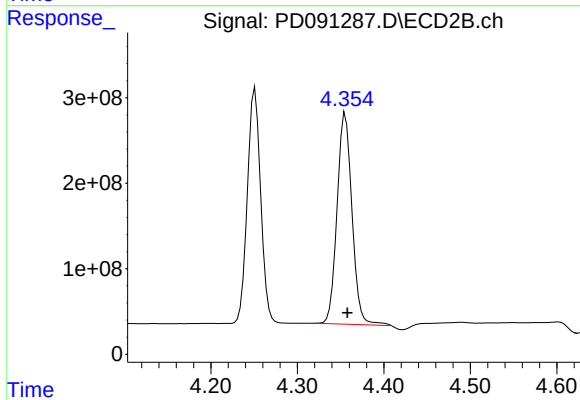
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.003 min
Response: 362155470
Conc: 49.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

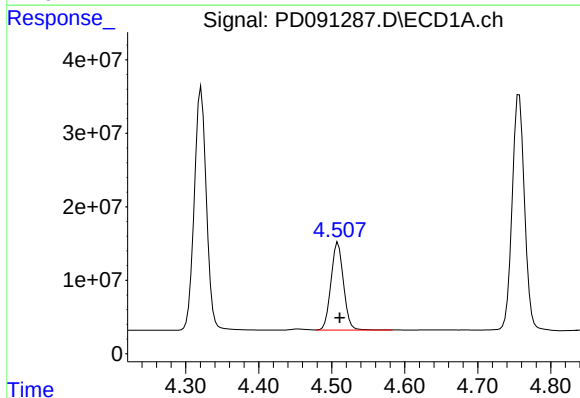
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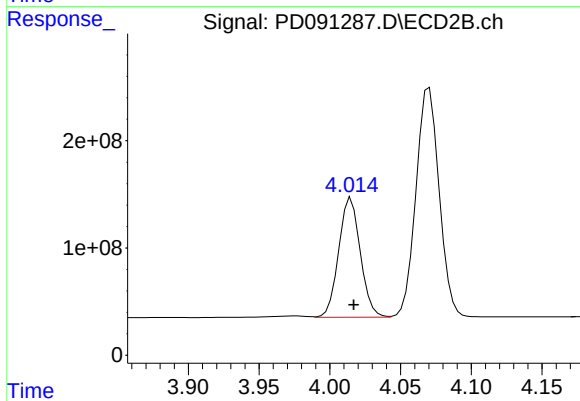
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 2946475824
Conc: 52.19 ng/ml



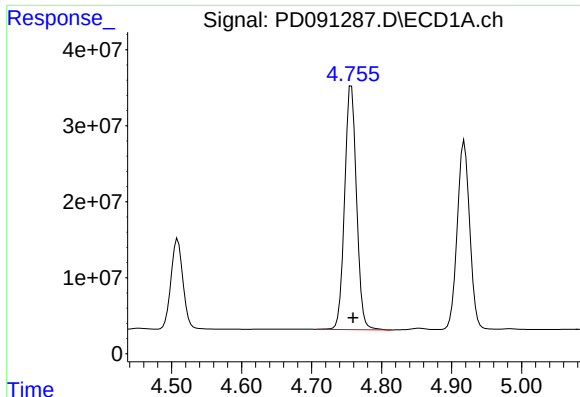
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.003 min
Response: 142500503
Conc: 49.05 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1185381258
Conc: 49.34 ng/ml



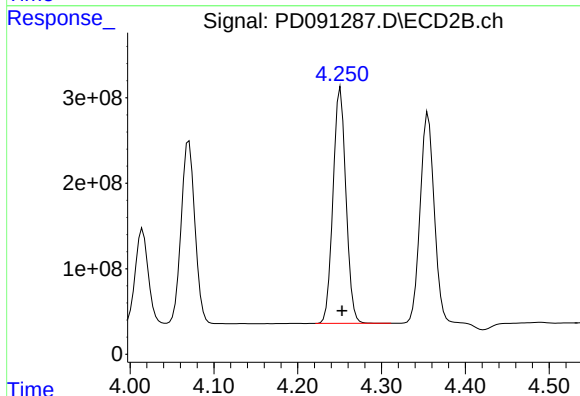
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: -0.003 min
Response: 379628250
Conc: 51.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

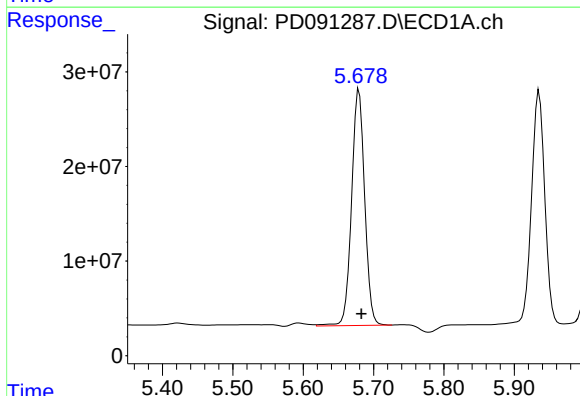
Manual Integrations
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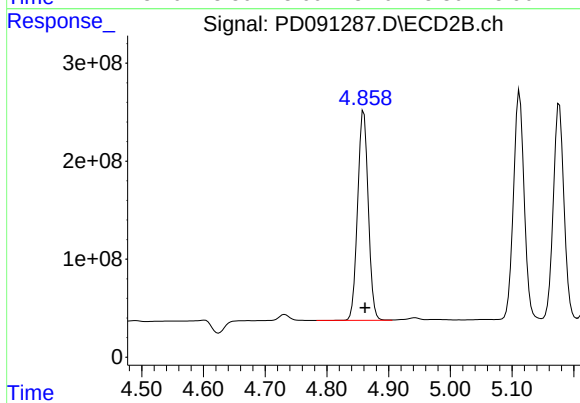
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2949703232
Conc: 50.44 ng/ml



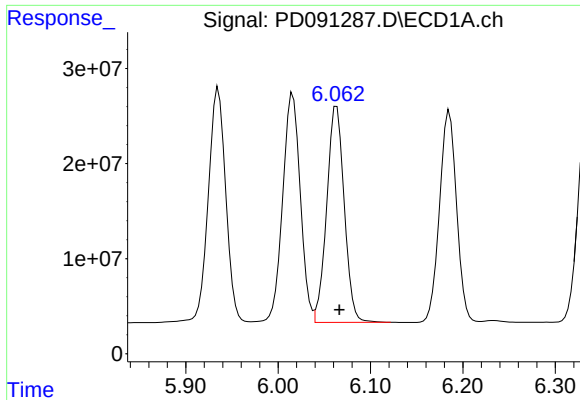
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.003 min
Response: 322799182
Conc: 49.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 2553113753
Conc: 50.10 ng/ml



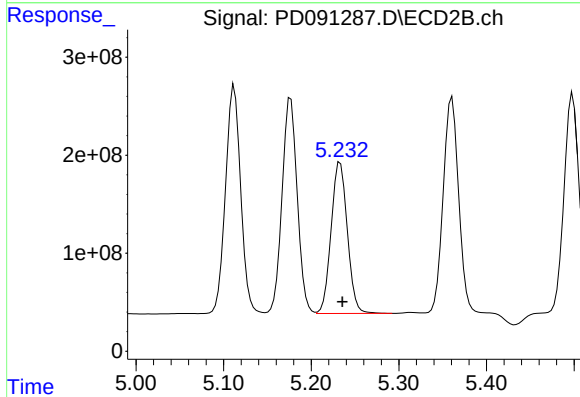
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.003 min
Response: 300033983
Conc: 48.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

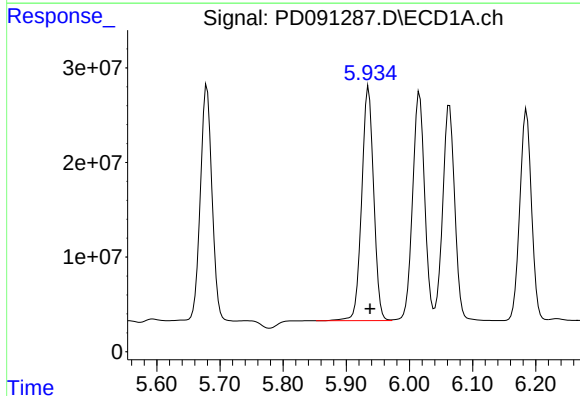
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Supervised By :Sohil Jodhani 11/20/2025



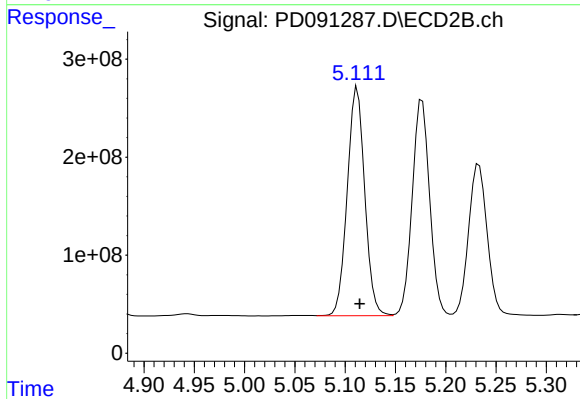
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 1988314526
Conc: 41.55 ng/ml



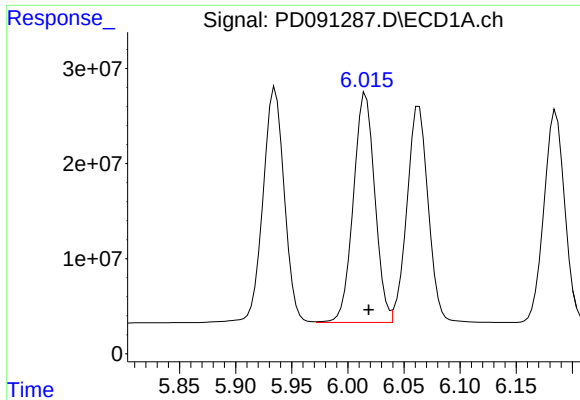
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.003 min
Response: 325823822
Conc: 50.12 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 2815969052
Conc: 51.55 ng/ml



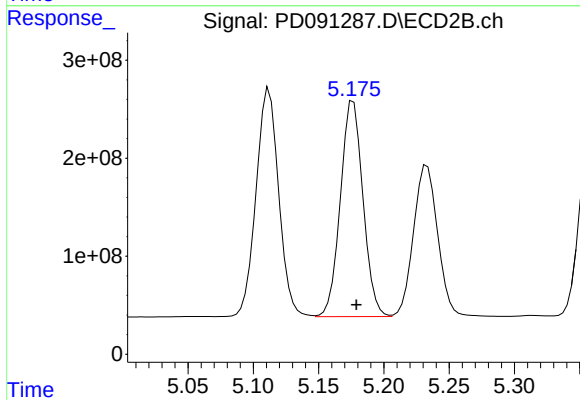
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.003 min
Response: 320580181
Conc: 46.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

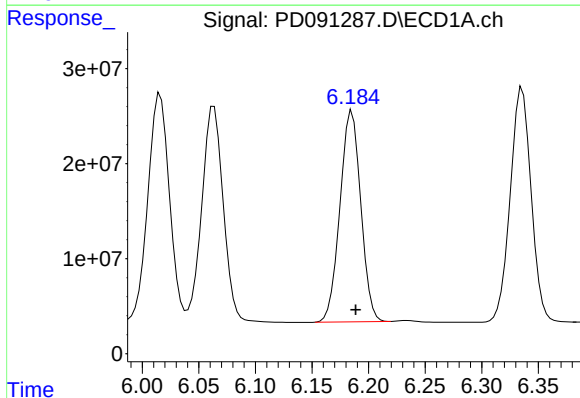
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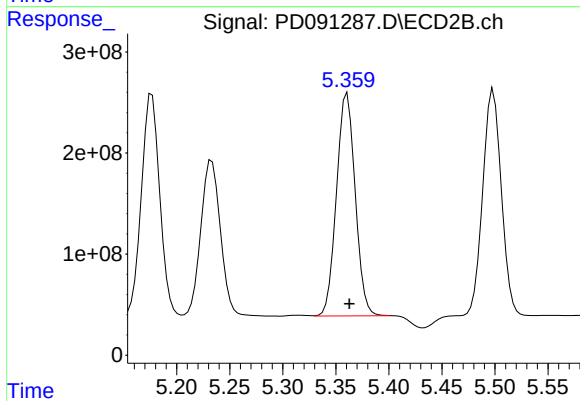
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2654645975
Conc: 50.73 ng/ml



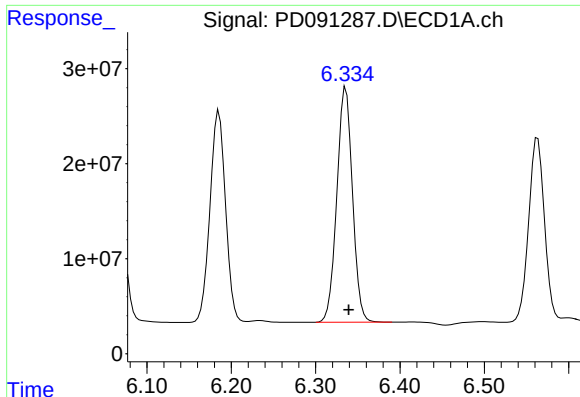
#12 4,4'-DDE

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 284313975
Conc: 49.02 ng/ml



#12 4,4'-DDE

R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 2702686964
Conc: 50.57 ng/ml m



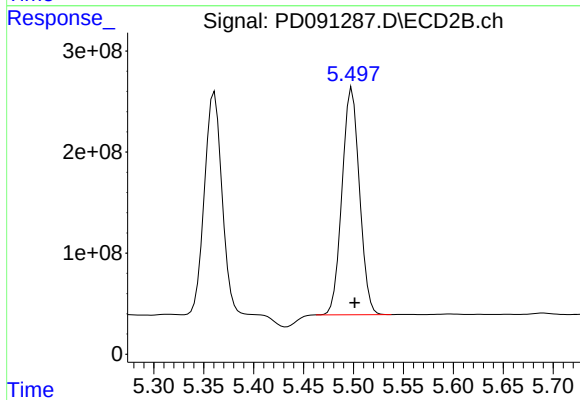
#13 Dieldrin

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 318437526
Conc: 49.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

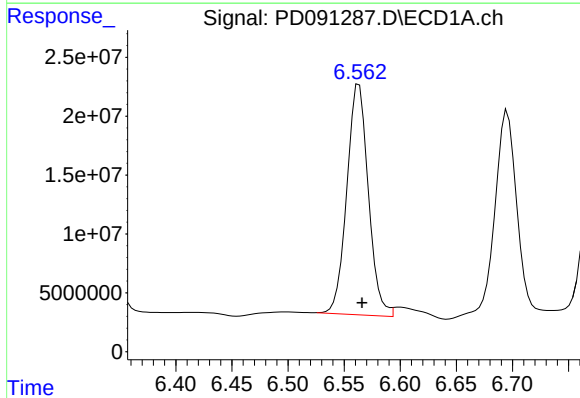
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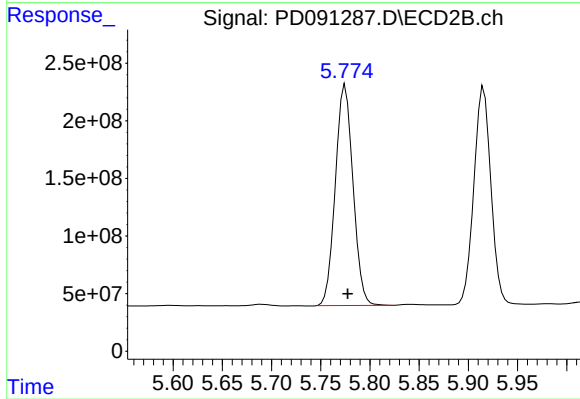
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 273000835
Conc: 50.27 ng/ml



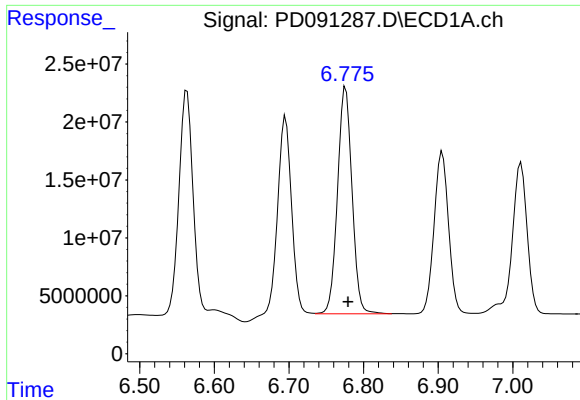
#14 Endrin

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 261088555
Conc: 52.60 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 2394535288
Conc: 52.99 ng/ml



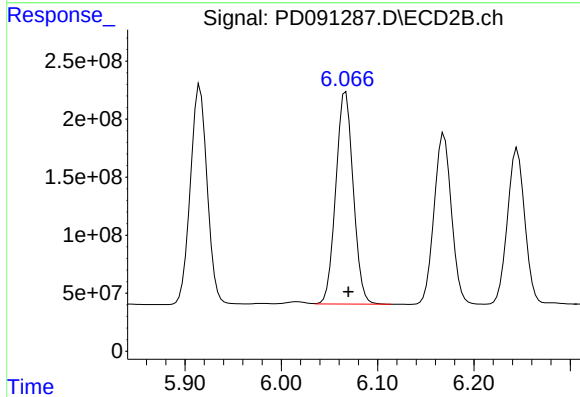
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.005 min
Response: 264639953
Conc: 47.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

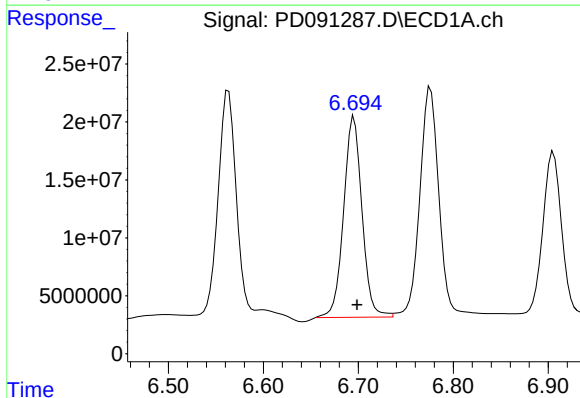
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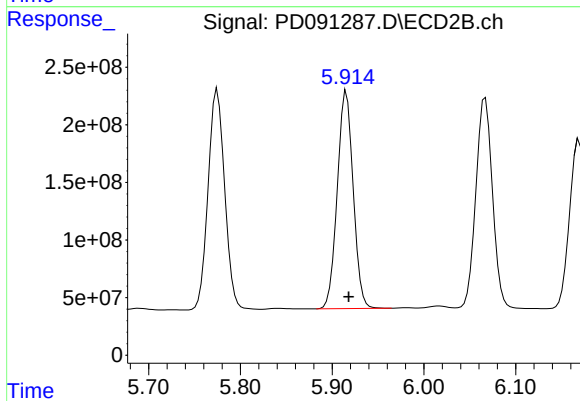
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 2297281427
Conc: 49.21 ng/ml



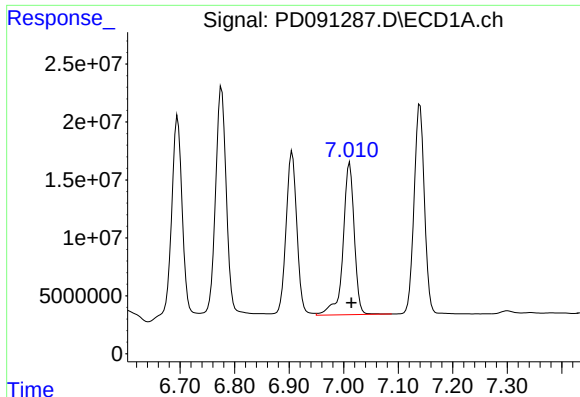
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 232806131
Conc: 47.40 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 2276481582
Conc: 46.58 ng/ml



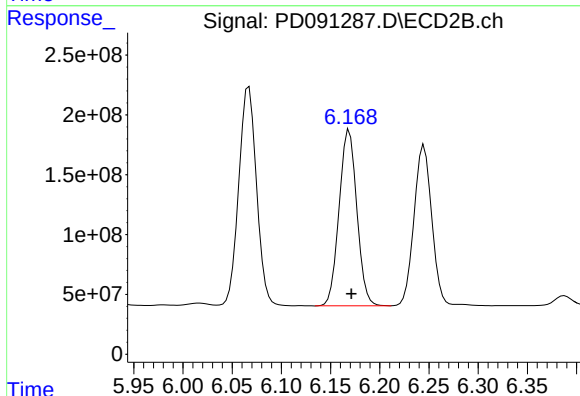
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 187813995
Conc: 45.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

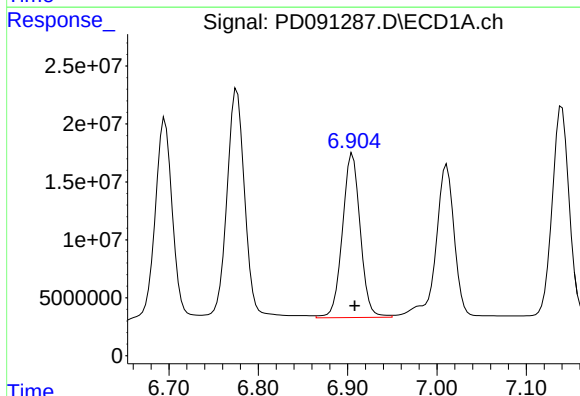
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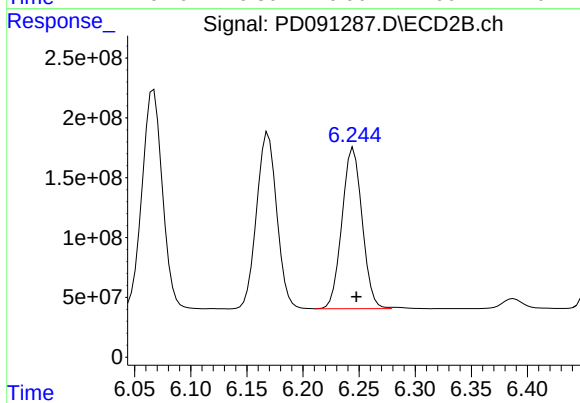
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 1846599463
Conc: 47.19 ng/ml



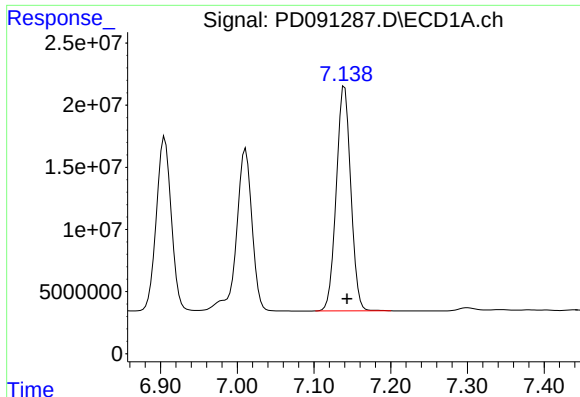
#18 Endrin aldehyde

R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 196304228
Conc: 47.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 1679778316
Conc: 47.60 ng/ml



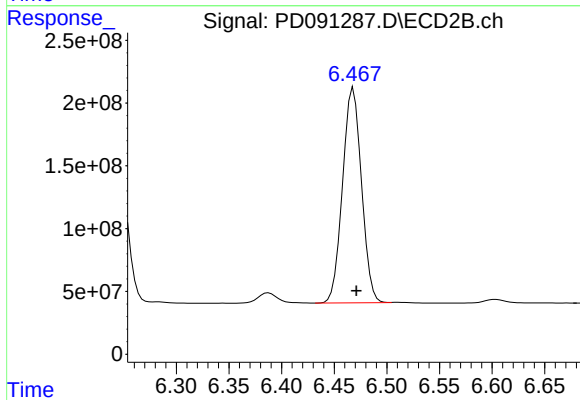
#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 237781970
Conc: 46.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

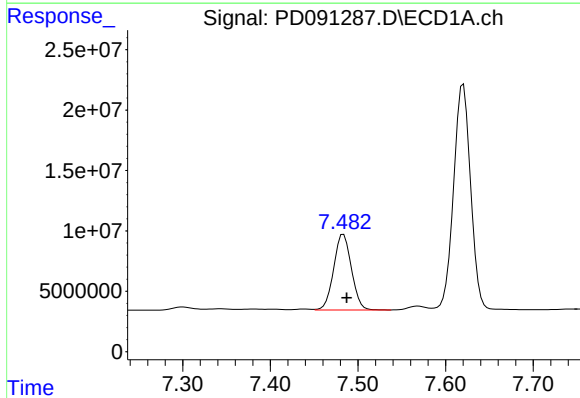
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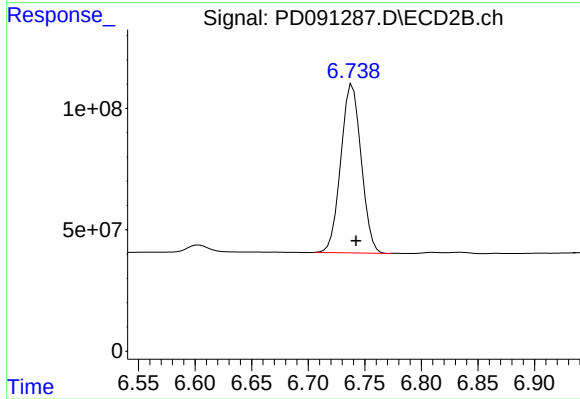
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 2151336602
Conc: 47.98 ng/ml



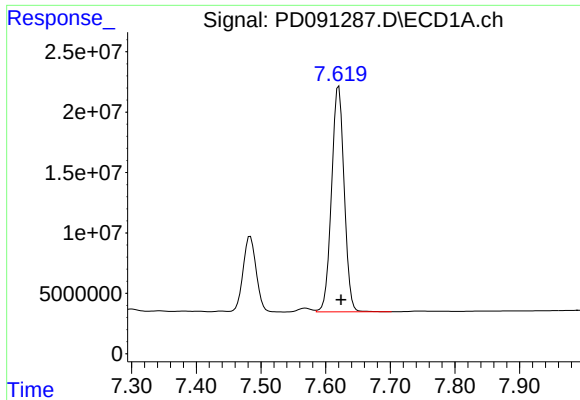
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.004 min
Response: 88172487
Conc: 40.55 ng/ml



#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 869032349
Conc: 43.34 ng/ml



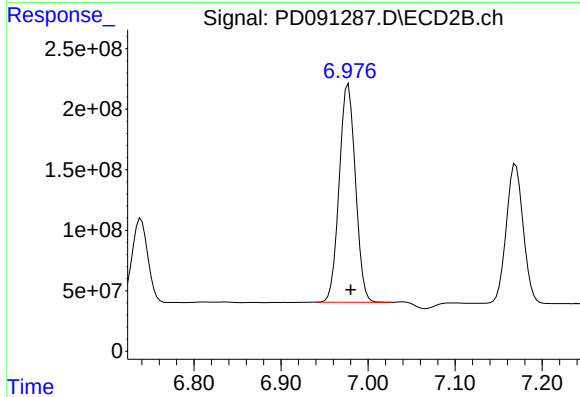
#21 Endrin ketone

R.T.: 7.620 min
Delta R.T.: -0.003 min
Response: 253035985
Conc: 44.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

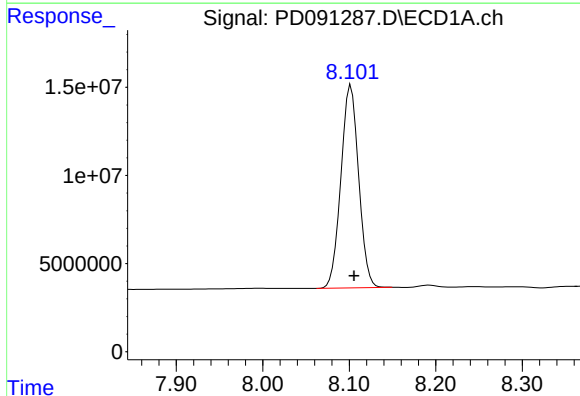
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



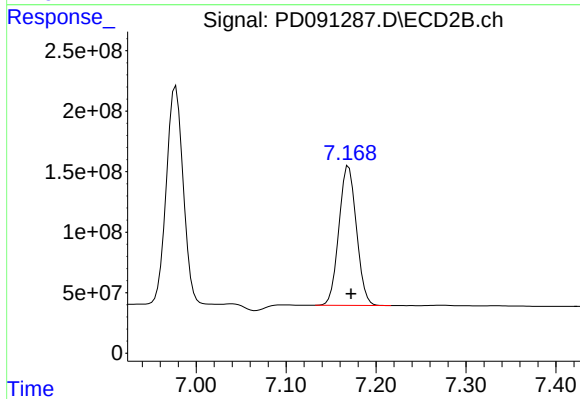
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 2337166848
Conc: 45.87 ng/ml



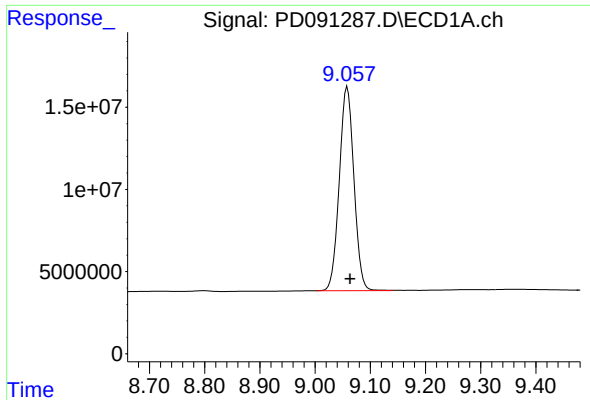
#22 Mirex

R.T.: 8.102 min
Delta R.T.: -0.004 min
Response: 163024456
Conc: 45.83 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 1560605706
Conc: 47.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.005 min
Response: 228439873
Conc: 45.85 ng/ml

Instrument :

ECD_D

ClientSampleId :

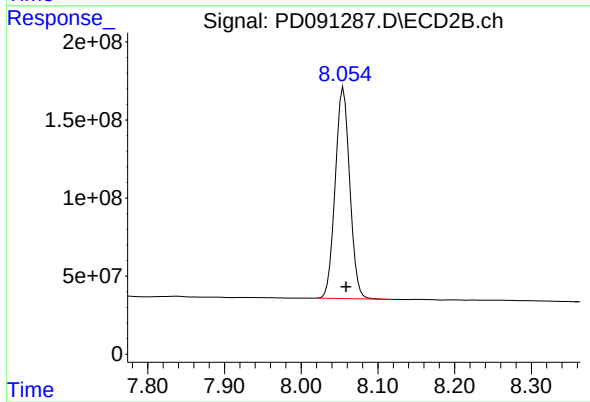
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: -0.004 min
Response: 1780873367
Conc: 45.00 ng/ml