

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 16:51
 Operator : AR\AJ
 Sample : Q3662-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B3-0.0-1.0-20251117MSD

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 01:31:10 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...	3.540	2.872	48588177	560.8E6	14.089m	15.309
28)	SA Decachlor...	9.059	8.054	53098325	385.8E6	10.658	9.749
Target Compounds							
2)	A alpha-BHC	3.991	3.383	358.0E6	2882.3E6	44.773	45.605
3)	MA gamma-BHC...	4.320	3.719	326.6E6	2550.8E6	43.702m	44.115
4)	MA Heptachlor	4.918	4.070	187.7E6	1546.5E6	26.202	28.011
5)	MB Aldrin	5.260	4.356	324.0E6	2590.0E6	44.655	45.875
6)	B beta-BHC	4.509	4.015	127.6E6	1103.0E6	43.919	45.907
7)	B delta-BHC	4.757	4.251	316.1E6	2490.5E6	42.537	42.589
8)	B Heptachlo...	5.680	4.859	280.4E6	2289.5E6	43.161	44.929
9)	A Endosulfan I	6.064	5.233	257.0E6	1937.6E6	41.844	40.492
10)	B gamma-Chl...	5.934	5.112	290.0E6	2806.0E6	44.608m	51.367
11)	B alpha-Chl...	6.017	5.176	308.4E6	2410.0E6	44.803	46.054
12)	B 4,4'-DDE	6.186	5.361	252.3E6	2425.9E6	43.512	45.392
13)	MA Dieldrin	6.337	5.499	277.7E6	2448.3E6	42.960	45.078
14)	MA Endrin	6.563	5.775	224.2E6	1925.4E6	45.173	42.604
15)	B Endosulfa...	6.775	6.065	229.8E6	1941.6E6	41.337m	41.594m
16)	A 4,4'-DDD	6.695	5.915	194.0E6	1737.3E6	39.489	35.550
17)	MA 4,4'-DDT	7.011	6.168	122.4E6	1142.8E6	29.609	29.202
18)	B Endrin al...	6.906	6.245	105.7E6	893.9E6	25.370	25.331
19)	B Endosulfa...	7.140	6.468	185.6E6	1550.3E6	36.068	34.577
20)	A Methoxychlor	7.484	6.739	56368320	484.0E6	25.924	24.136
21)	B Endrin ke...	7.621	6.977	191.8E6	1532.5E6	34.040	30.074
22)	Mirex	8.101	7.169	140.3E6	1213.8E6	39.456m	36.628

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 16:51
Operator : AR\AJ
Sample : Q3662-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

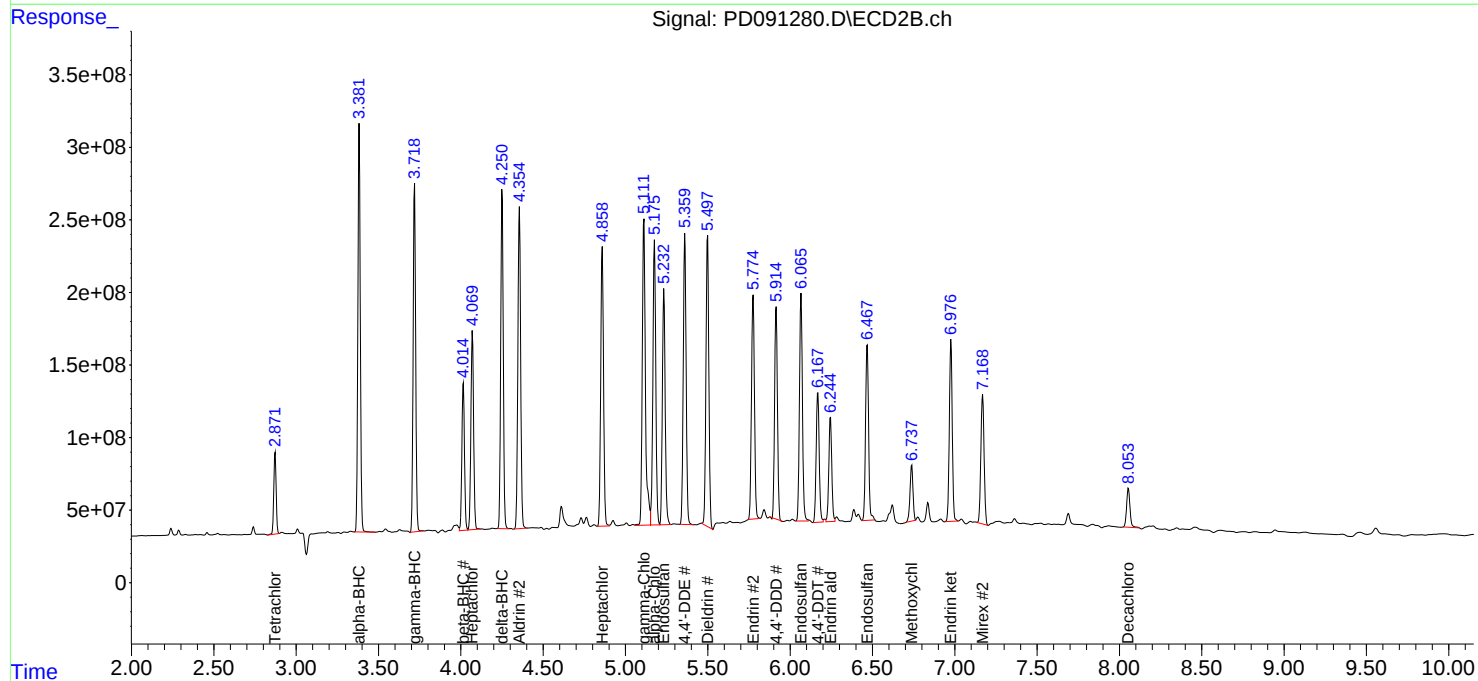
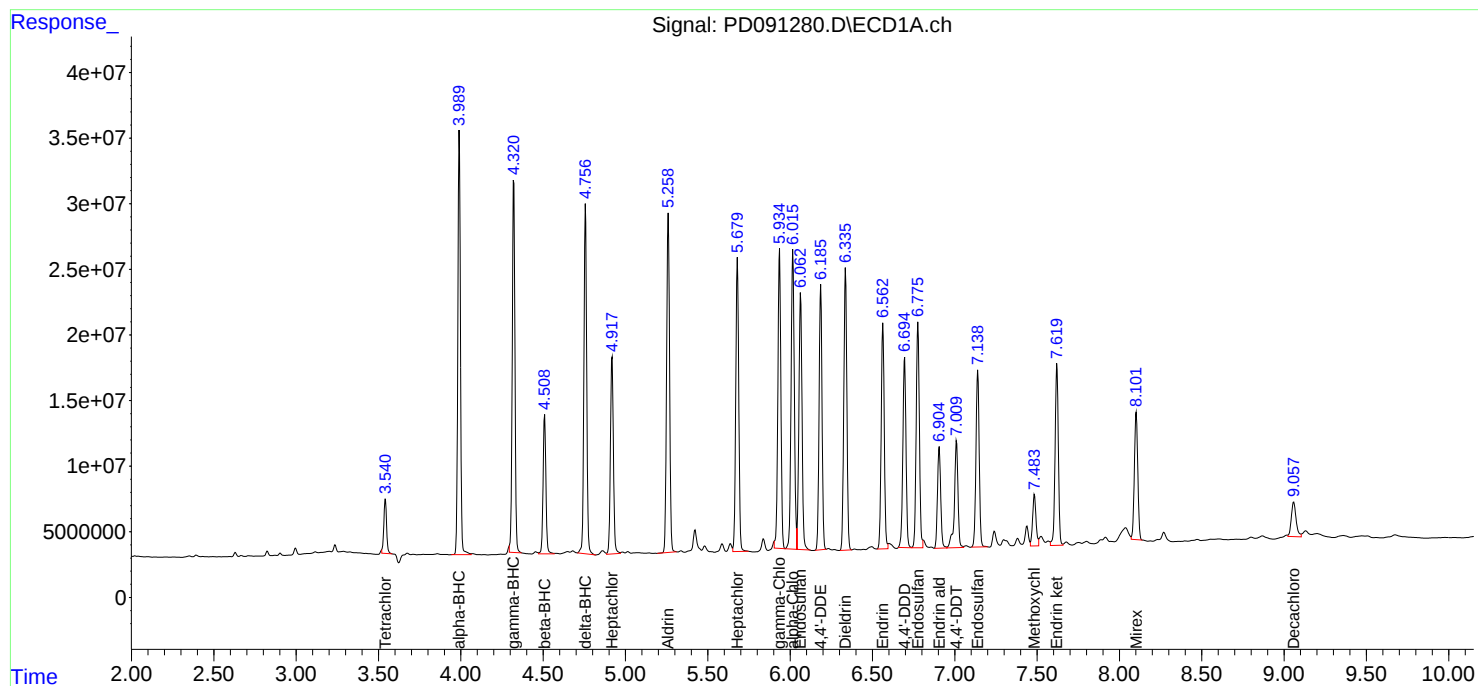
Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

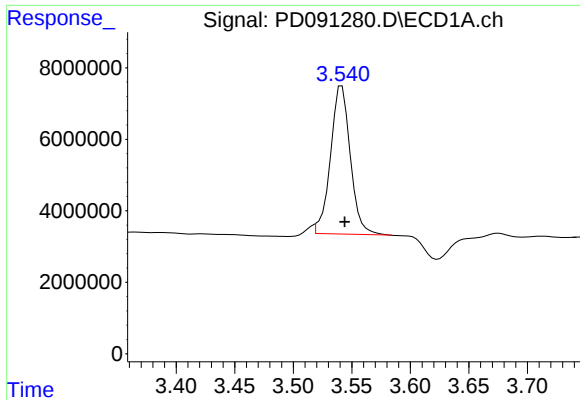
Manual Integrations
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Supervised By :Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:31:10 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
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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





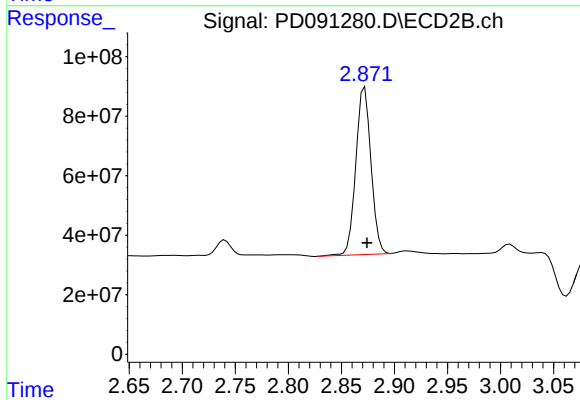
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 48588177
Conc: 14.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

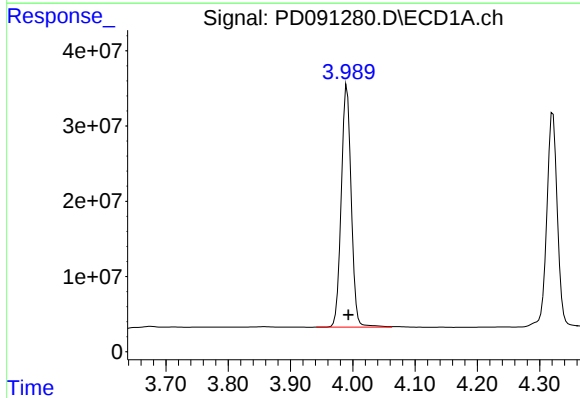
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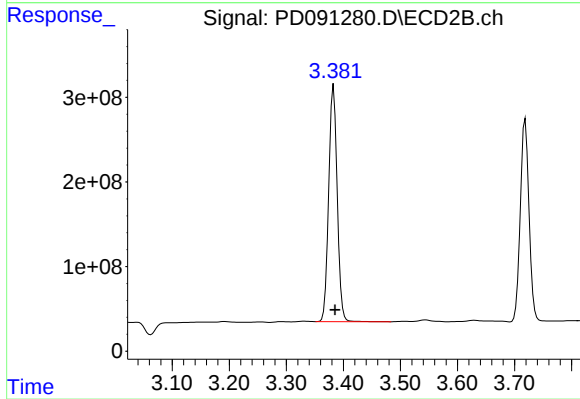
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 560778473
Conc: 15.31 ng/ml



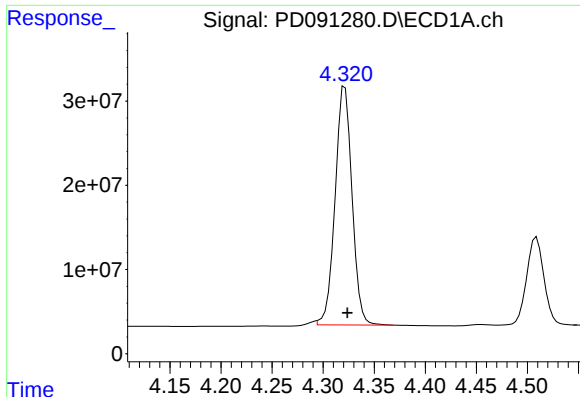
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 357979618
Conc: 44.77 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 2882342689
Conc: 45.60 ng/ml



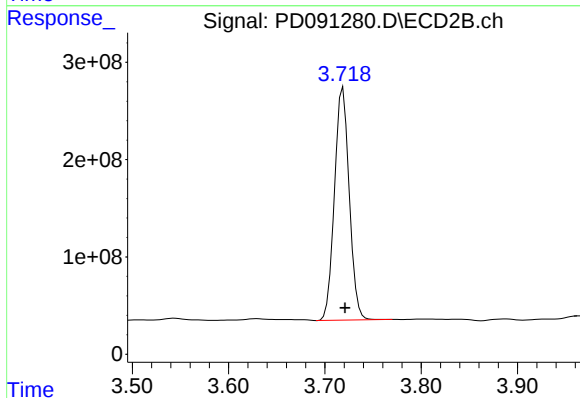
#3 gamma-BHC (Lindane)

R.T.: 4.320 min
Delta R.T.: -0.004 min
Response: 326581104
Conc: 43.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

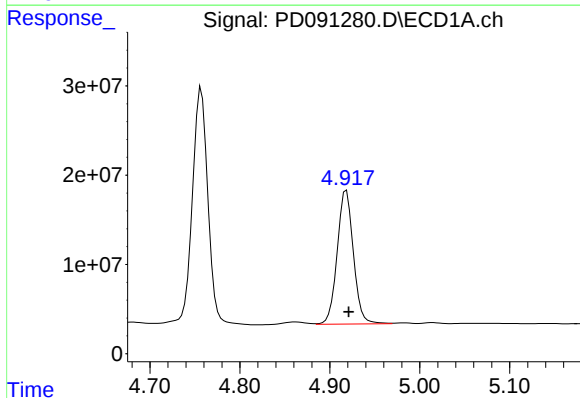
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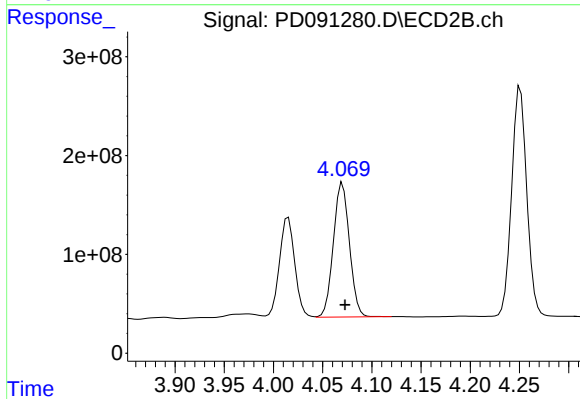
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 2550792396
Conc: 44.12 ng/ml



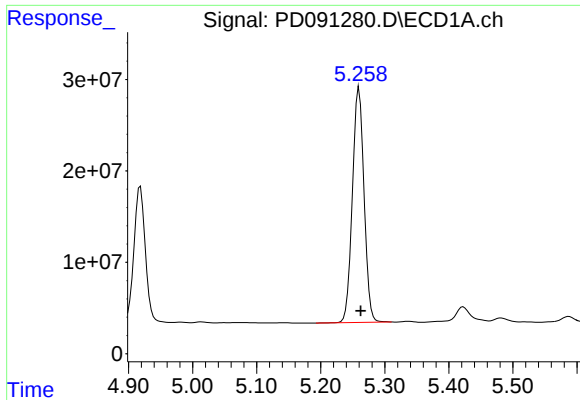
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.003 min
Response: 187650153
Conc: 26.20 ng/ml



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.002 min
Response: 1546476831
Conc: 28.01 ng/ml



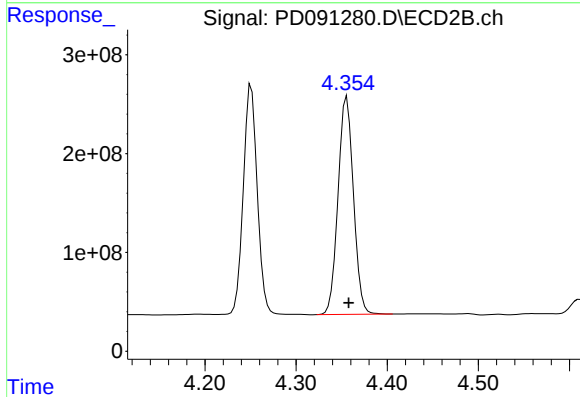
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 324031383
Conc: 44.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

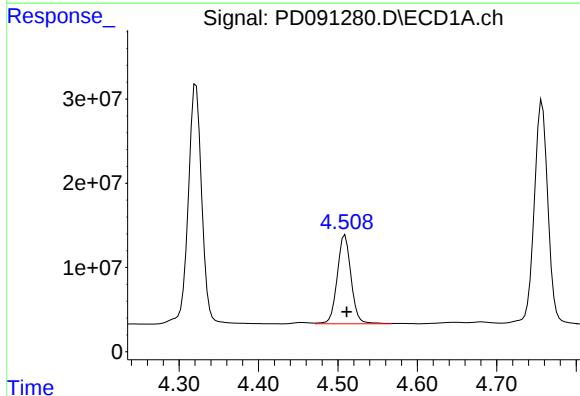
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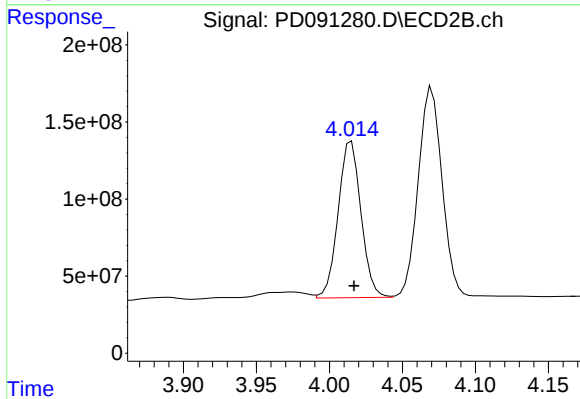
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 2590049087
Conc: 45.88 ng/ml



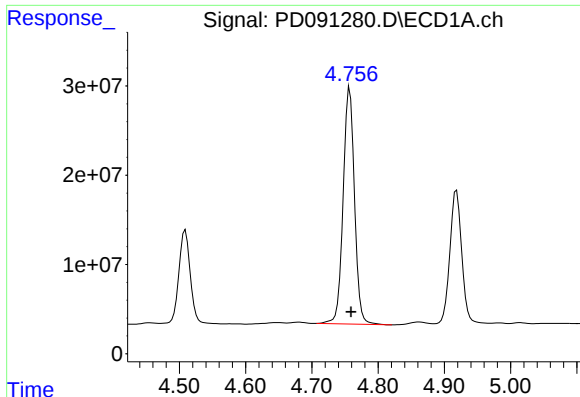
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 127606640
Conc: 43.92 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1102999371
Conc: 45.91 ng/ml



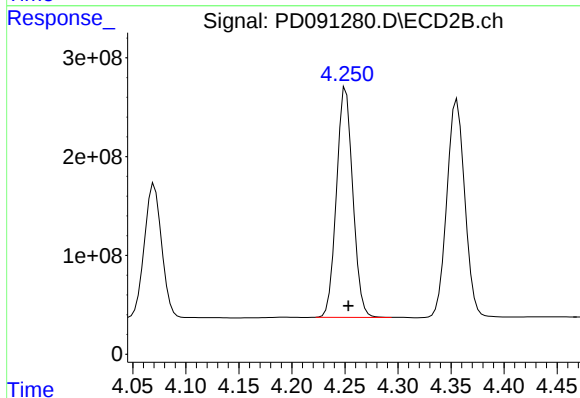
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 316135967
Conc: 42.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

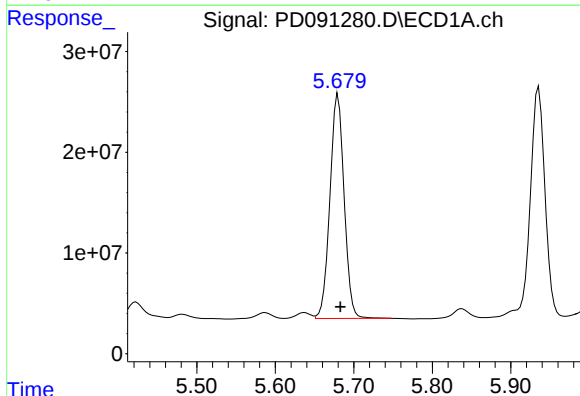
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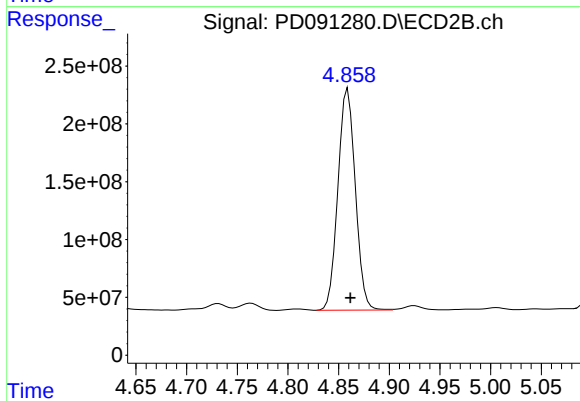
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2490458222
Conc: 42.59 ng/ml



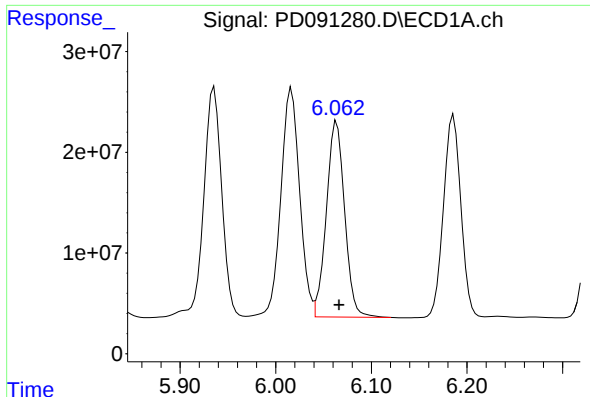
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 280408058
Conc: 43.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 2289545720
Conc: 44.93 ng/ml



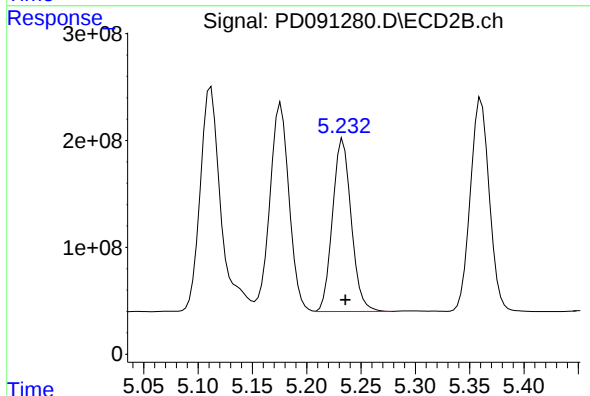
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.003 min
Response: 257045222
Conc: 41.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

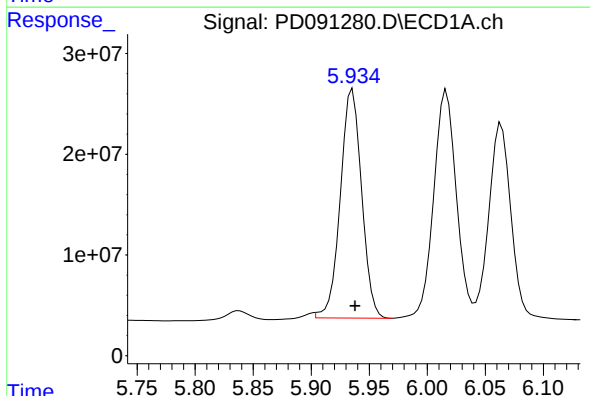
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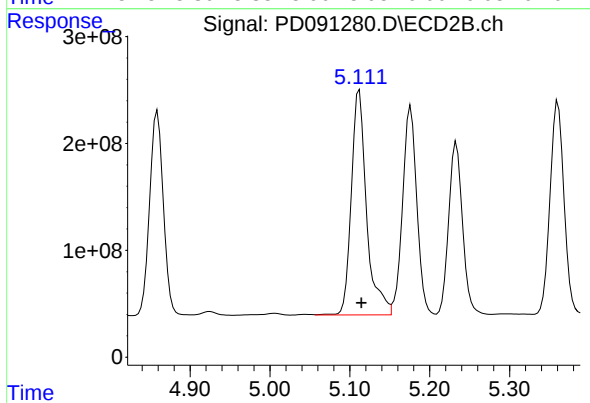
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 1937592377
Conc: 40.49 ng/ml



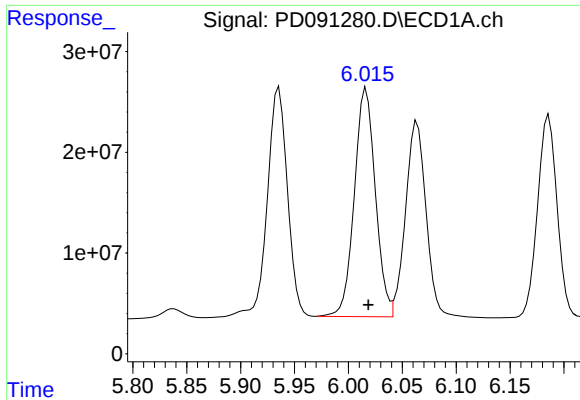
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.004 min
Response: 289989104
Conc: 44.61 ng/ml m



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 2806027890
Conc: 51.37 ng/ml



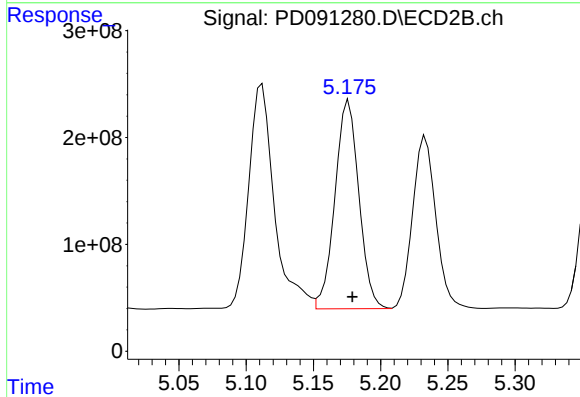
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 308372736
Conc: 44.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
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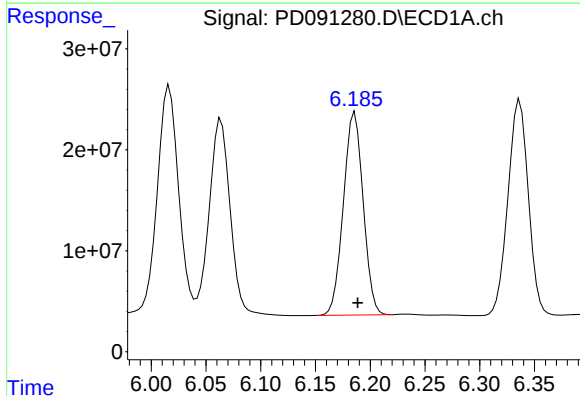
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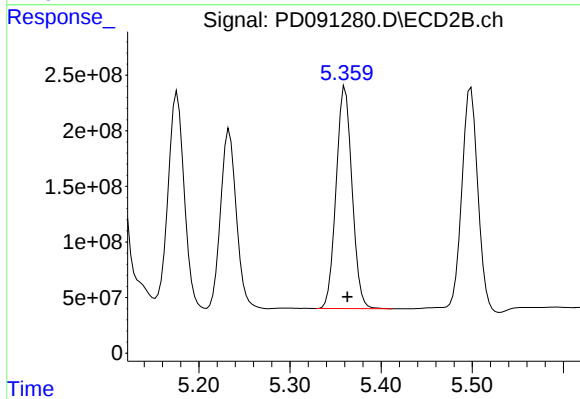
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 2410045749
Conc: 46.05 ng/ml



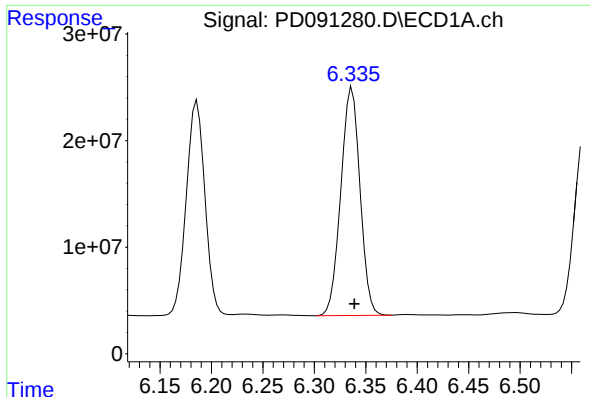
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 252340919
Conc: 43.51 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 2425854915
Conc: 45.39 ng/ml



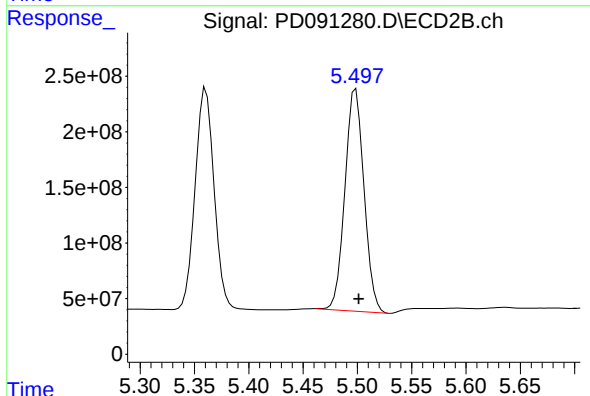
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 277735397
Conc: 42.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

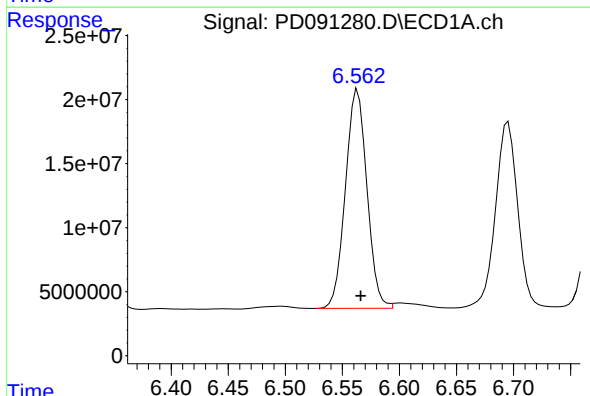
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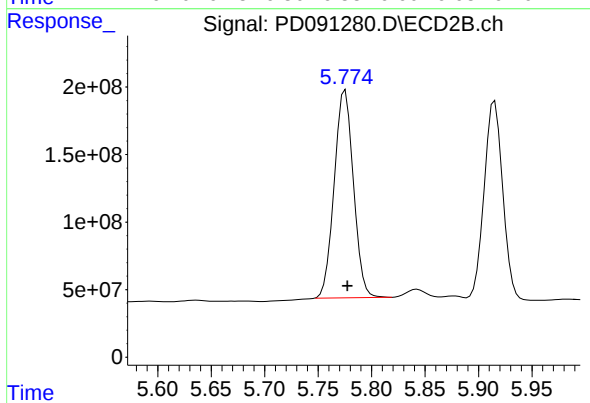
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 2448263176
Conc: 45.08 ng/ml



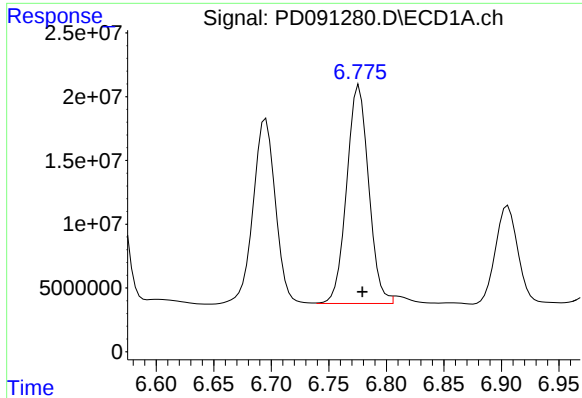
#14 Endrin

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 224215469
Conc: 45.17 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 1925370884
Conc: 42.60 ng/ml



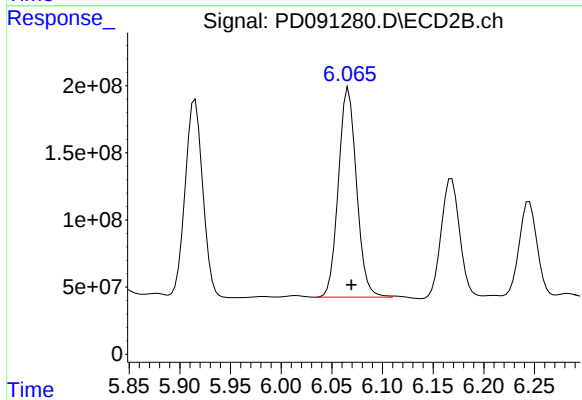
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 229806823
Conc: 41.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

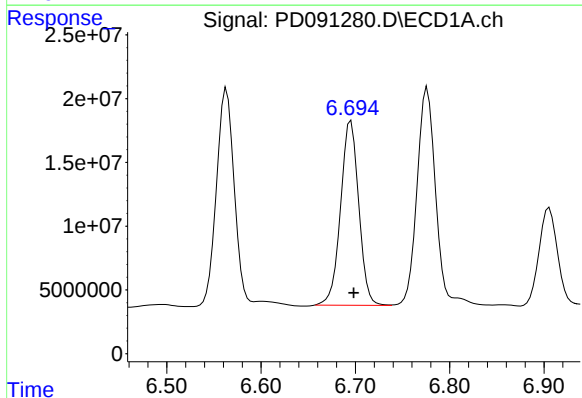
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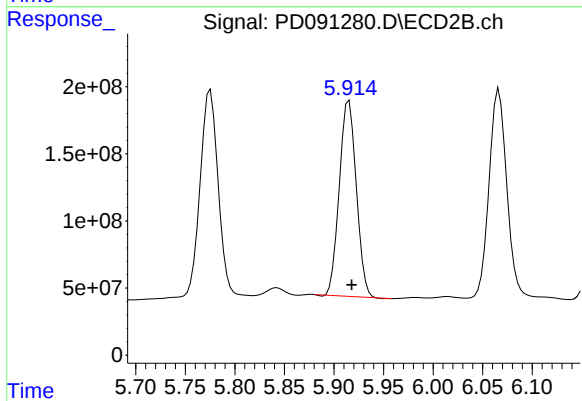
#15 Endosulfan II

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 1941622008
Conc: 41.59 ng/ml m



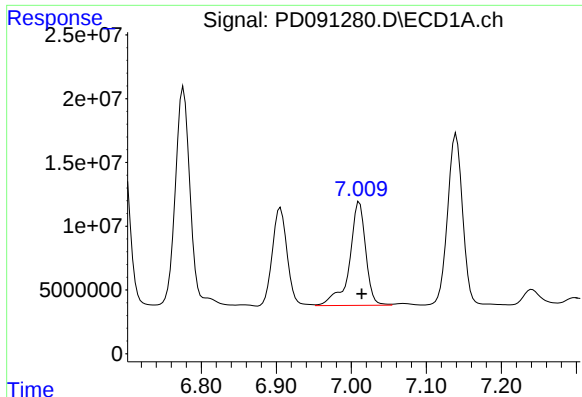
#16 4,4'-DDD

R.T.: 6.695 min
Delta R.T.: -0.003 min
Response: 193951119
Conc: 39.49 ng/ml



#16 4,4'-DDD

R.T.: 5.915 min
Delta R.T.: -0.003 min
Response: 1737253346
Conc: 35.55 ng/ml



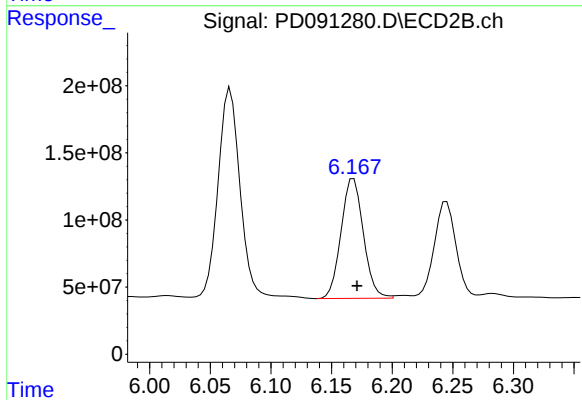
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 122447931
Conc: 29.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

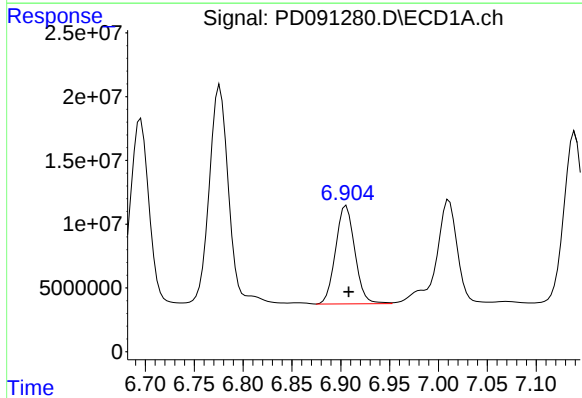
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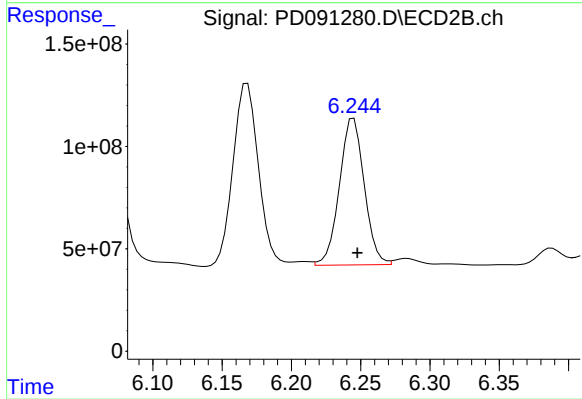
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 1142752932
Conc: 29.20 ng/ml



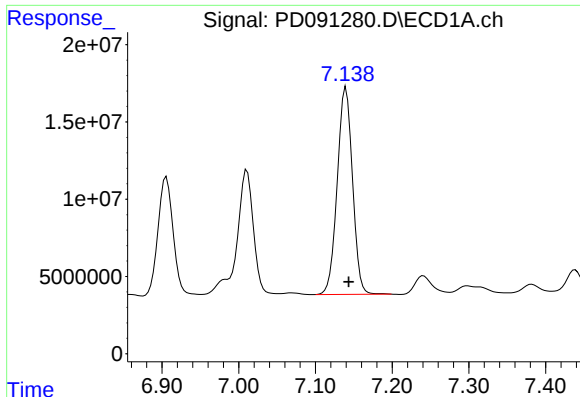
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 105692705
Conc: 25.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 893923670
Conc: 25.33 ng/ml



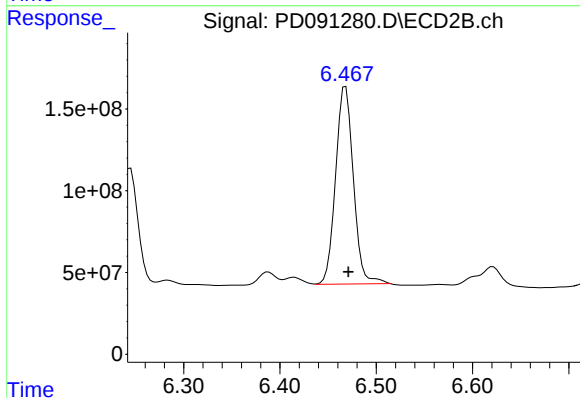
#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 185563864
Conc: 36.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

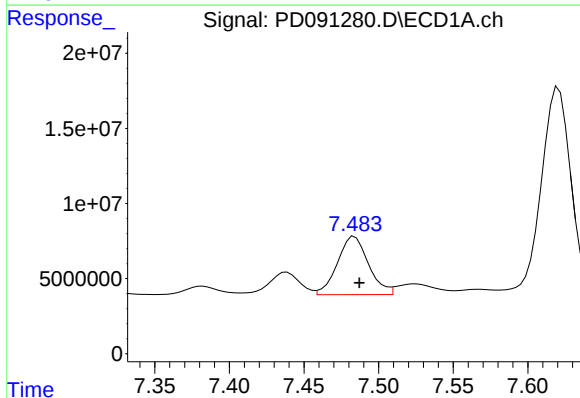
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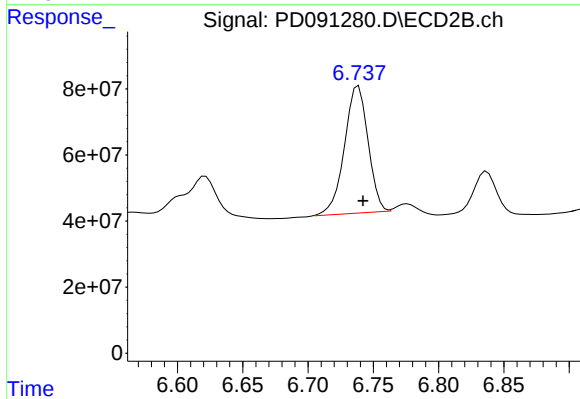
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 1550253195
Conc: 34.58 ng/ml



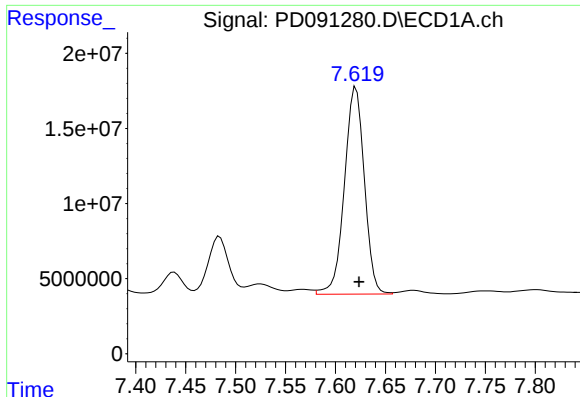
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 56368320
Conc: 25.92 ng/ml



#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: -0.004 min
Response: 483969352
Conc: 24.14 ng/ml



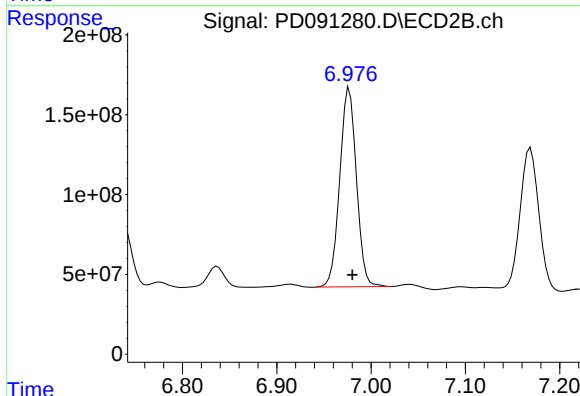
#21 Endrin ketone

R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 191765357
Conc: 34.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

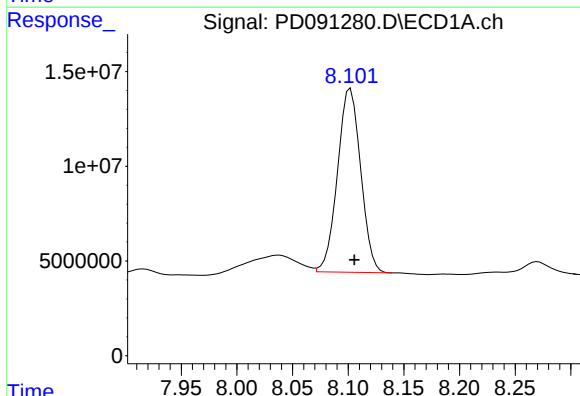
Manual Integrations
APPROVED

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



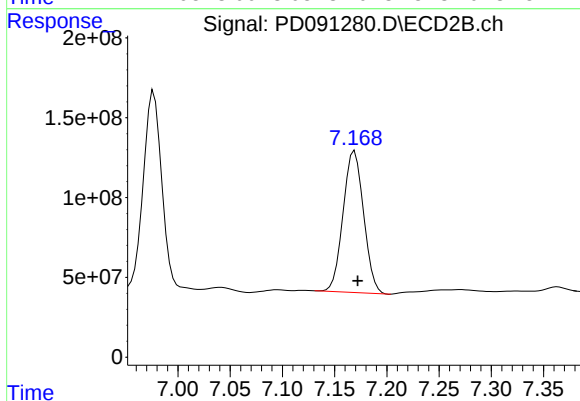
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 1532459611
Conc: 30.07 ng/ml



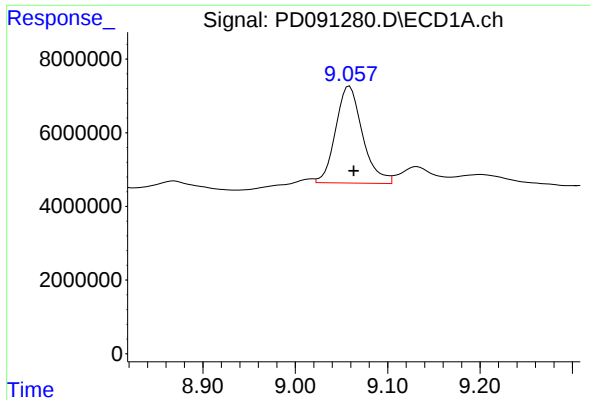
#22 Mirex

R.T.: 8.101 min
Delta R.T.: -0.005 min
Response: 140345205
Conc: 39.46 ng/ml m



#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 1213843349
Conc: 36.63 ng/ml



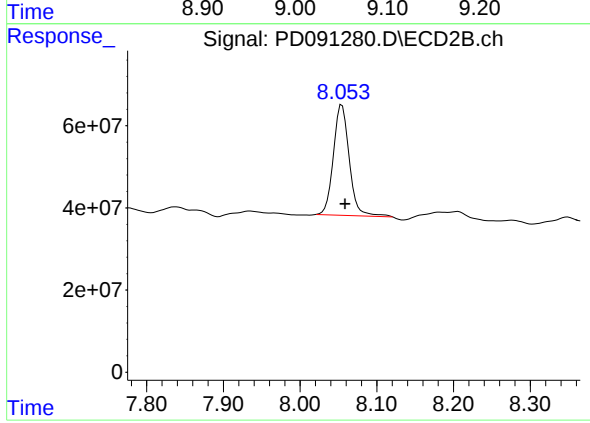
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.005 min
Response: 53098325
Conc: 10.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: -0.004 min
Response: 385817840
Conc: 9.75 ng/ml