

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120225\
 Data File : PD091438.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2025 20:06
 Operator : AR\AJ
 Sample : Q3742-07MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-1125-18MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 01:11:30 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	49857228	610.5E6	14.457m	16.666
28)	SA Decachlor...	9.064	8.058	78868103	492.1E6	15.831	12.435
Target Compounds							
2)	A alpha-BHC	3.991	3.383	373.3E6	2753.1E6	46.683	43.560
3)	MA gamma-BHC...	4.322	3.719	341.2E6	2351.6E6	45.653	40.669
4)	MA Heptachlor	4.920	4.071	314.1E6	2199.7E6	43.852	39.843
5)	MB Aldrin	5.261	4.356	322.1E6	2360.5E6	44.393	41.810
6)	B beta-BHC	4.509	4.015	120.8E6	1013.6E6	41.591	42.185
7)	B delta-BHC	4.758	4.251	350.4E6	2390.2E6	47.142	40.873
8)	B Heptachlo...	5.681	4.860	280.9E6	1990.3E6	43.239	39.057
9)	A Endosulfan I	6.065	5.235	263.6E6	1734.9E6	42.903	36.256
10)	B gamma-Chl...	5.937	5.112	272.9E6	2046.5E6	41.986	37.463m
11)	B alpha-Chl...	6.018	5.178	276.9E6	1954.4E6	40.230	37.347
12)	B 4,4'-DDE	6.188	5.362	238.0E6	1963.8E6	41.041	36.745
13)	MA Dieldrin	6.338	5.500	269.0E6	2059.0E6	41.617	37.910
14)	MA Endrin	6.566	5.777	234.4E6	1814.1E6	47.218	40.142
15)	B Endosulfa...	6.778	6.069	228.0E6	1802.2E6	41.004	38.607
16)	A 4,4'-DDD	6.698	5.917	199.8E6	1533.8E6	40.688	31.386
17)	MA 4,4'-DDT	7.014	6.170	199.3E6	1604.8E6	48.197	41.010
18)	B Endrin al...	6.908	6.246	182.8E6	1357.2E6	43.874	38.460
19)	B Endosulfa...	7.143	6.470	220.1E6	1647.3E6	42.778	36.741
20)	A Methoxychlor	7.487	6.740	103.4E6	791.2E6	47.556	39.460
21)	B Endrin ke...	7.623	6.979	245.9E6	1756.2E6	43.654	34.465
22)	Mirex	8.104	7.172	127.4E6	1038.8E6	35.816m	31.347

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120225\
Data File : PD091438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2025 20:06
Operator : AR\AJ
Sample : Q3742-07MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

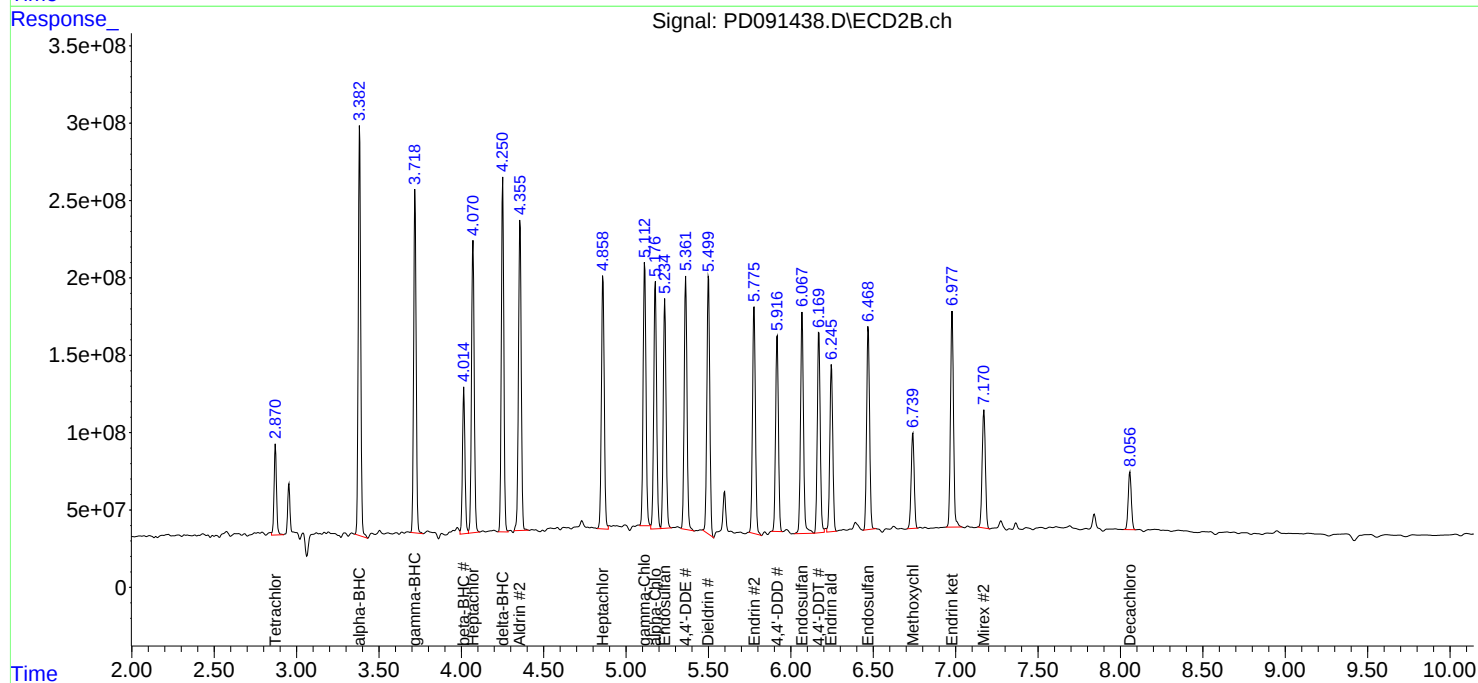
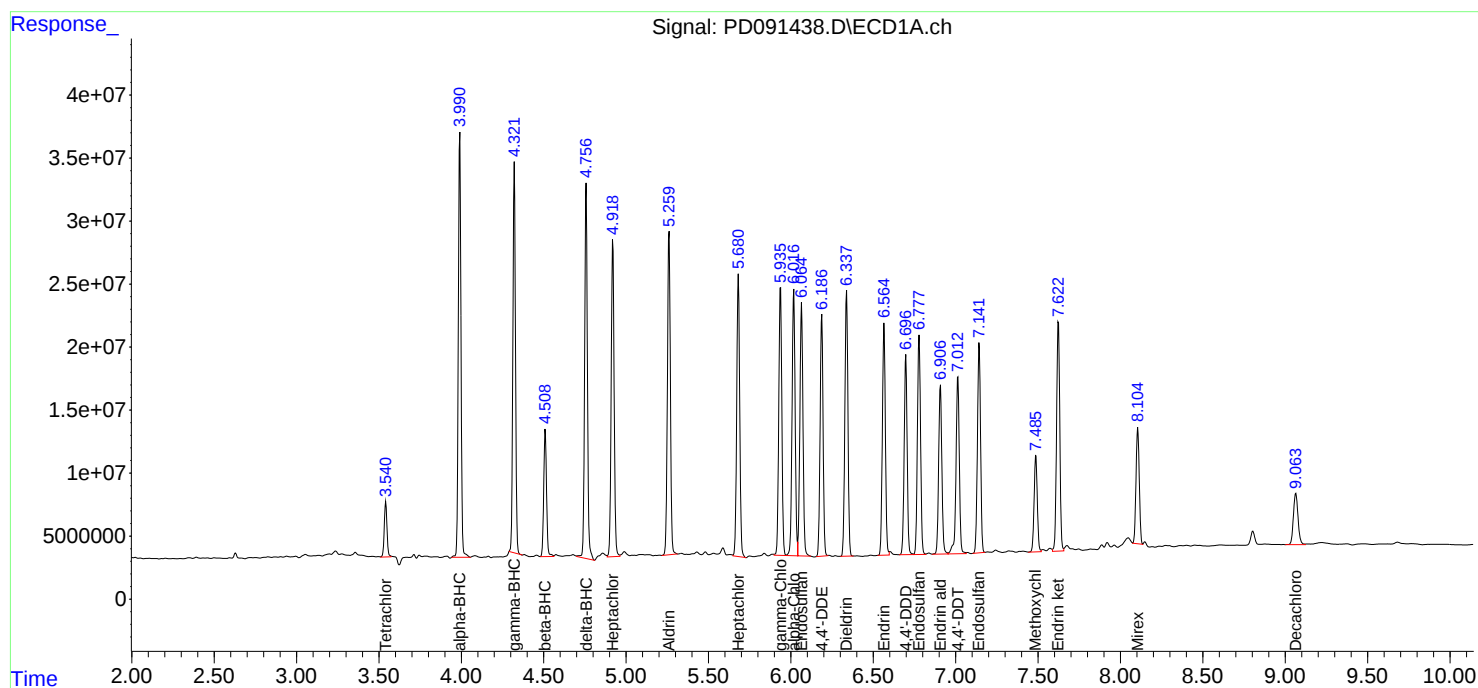
Instrument :
ECD_D
ClientSampleId :
SB-1125-18MSD

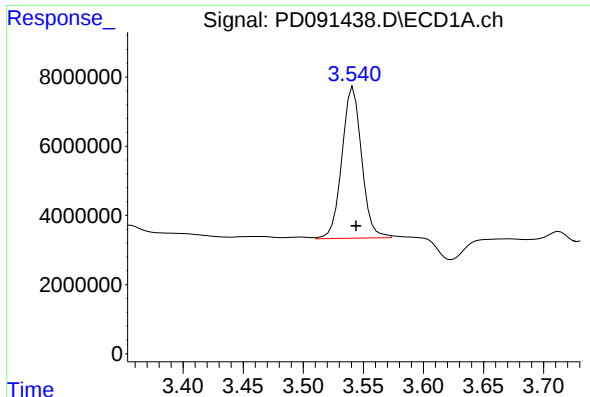
Manual Integrations
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Supervised By : Sohil Jodhani 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 01:11:30 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





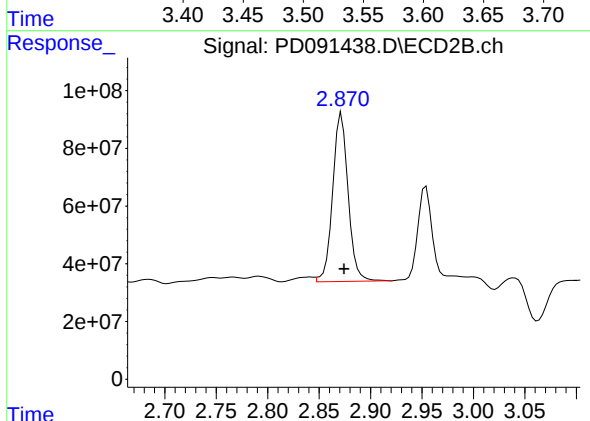
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 49857228
Conc: 14.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-18MSD

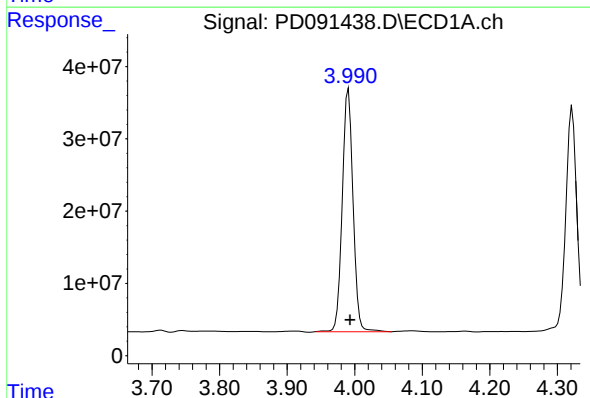
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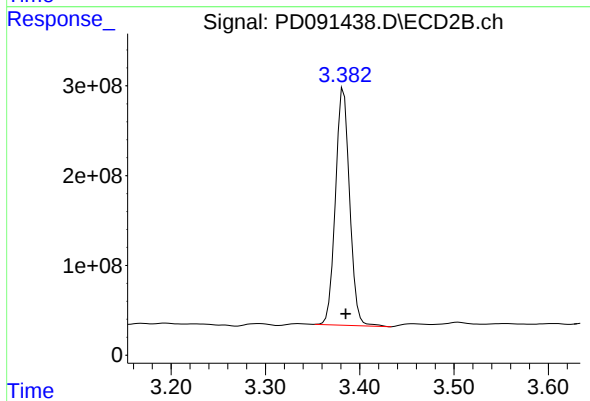
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 610473702
Conc: 16.67 ng/ml



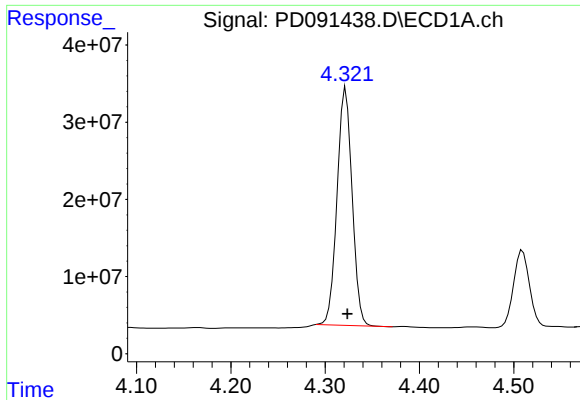
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 373254180
Conc: 46.68 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 2753112492
Conc: 43.56 ng/ml



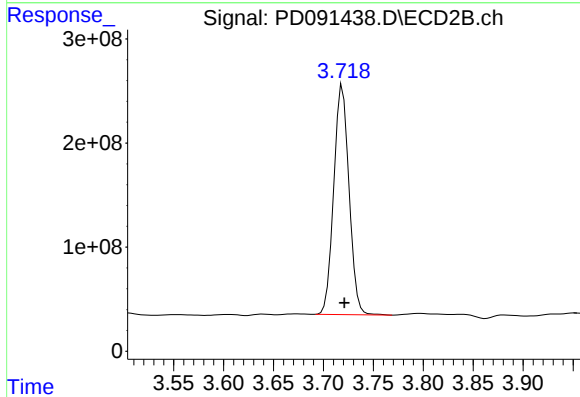
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 341160726
Conc: 45.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-18MSD

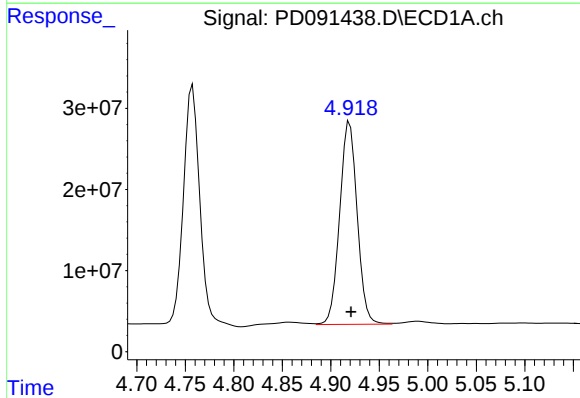
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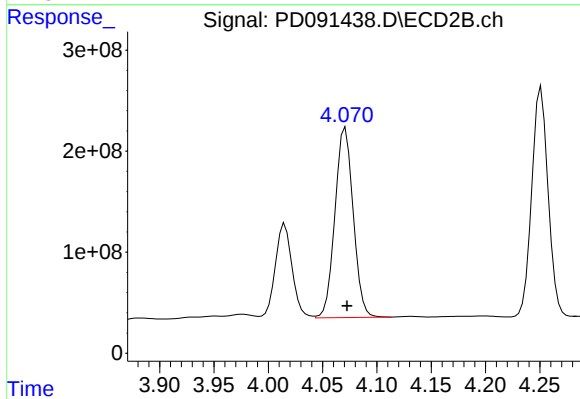
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 2351562631
Conc: 40.67 ng/ml



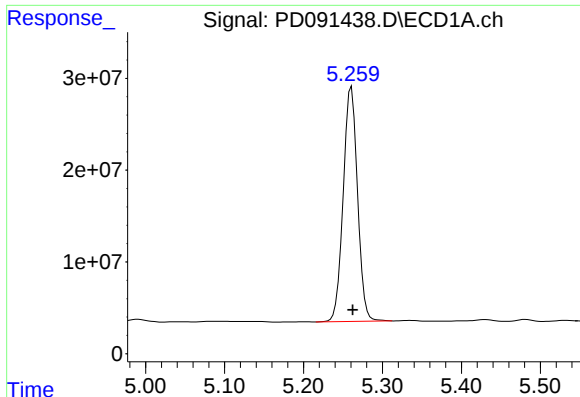
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 314054792
Conc: 43.85 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 2199687231
Conc: 39.84 ng/ml



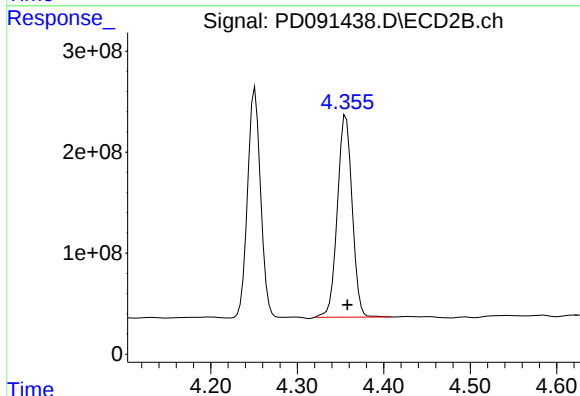
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 322136157
Conc: 44.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-18MSD

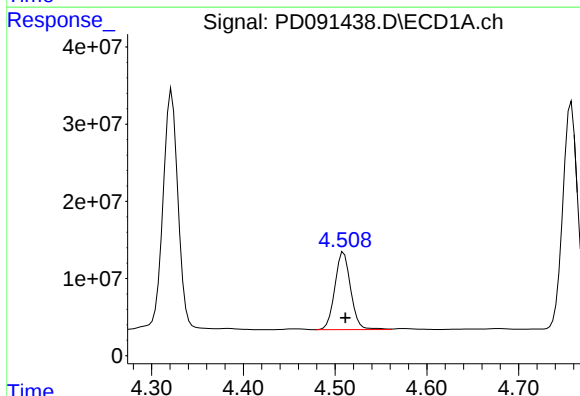
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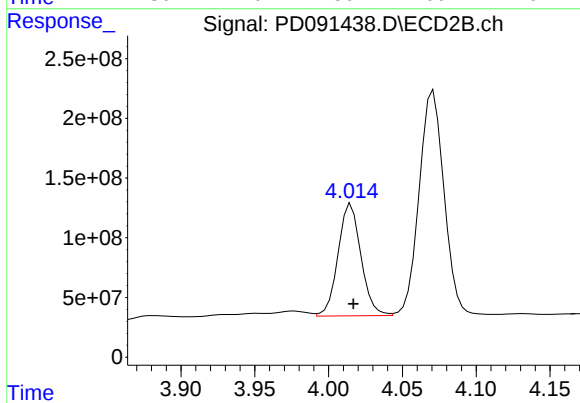
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 2360505701
Conc: 41.81 ng/ml



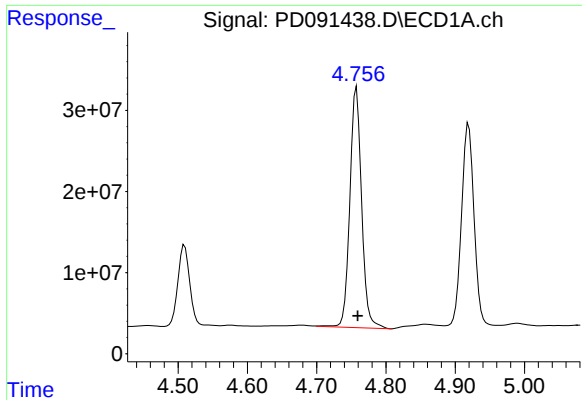
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 120841705
Conc: 41.59 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1013584223
Conc: 42.19 ng/ml



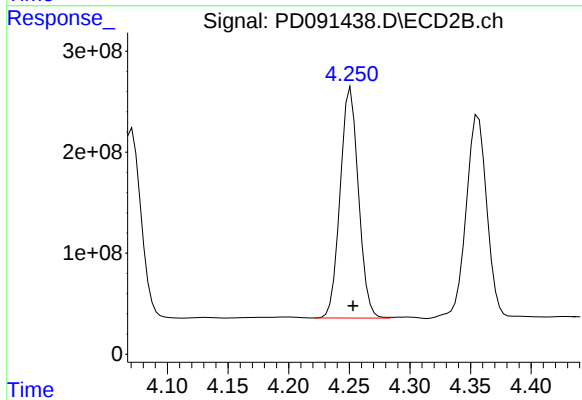
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 350362438
Conc: 47.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-18MSD

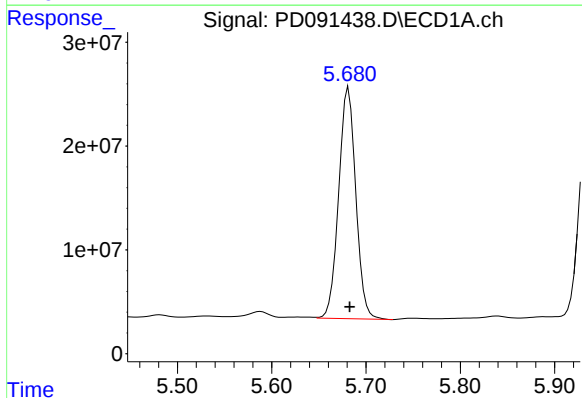
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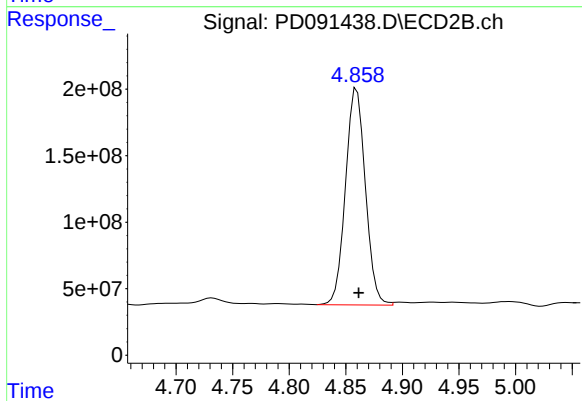
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2390152979
Conc: 40.87 ng/ml



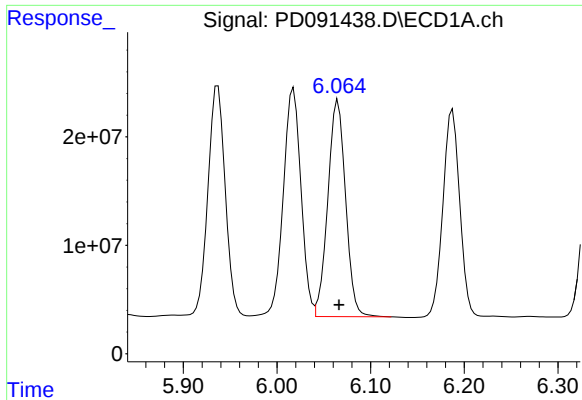
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 280911940
Conc: 43.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 1990268012
Conc: 39.06 ng/ml



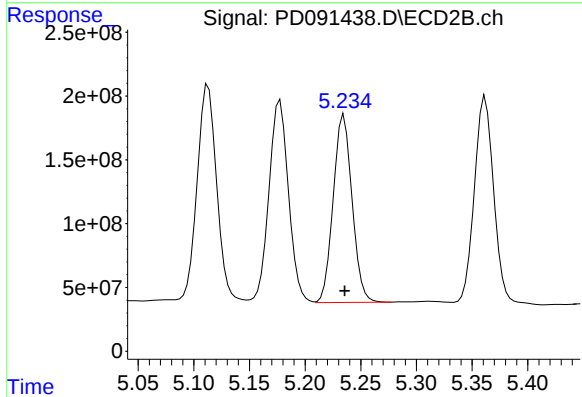
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.001 min
Response: 263550667
Conc: 42.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-18MSD

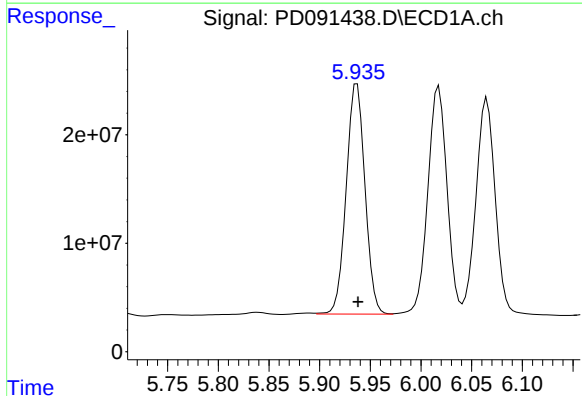
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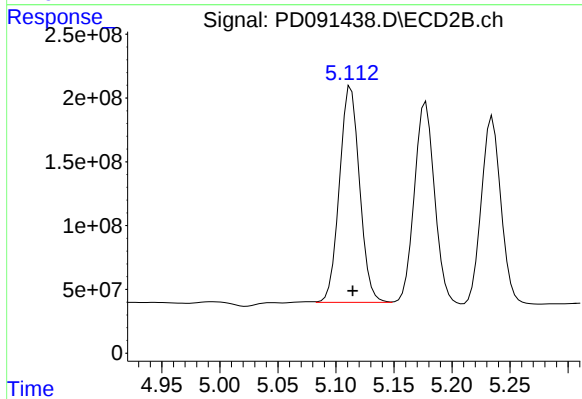
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 1734916152
Conc: 36.26 ng/ml



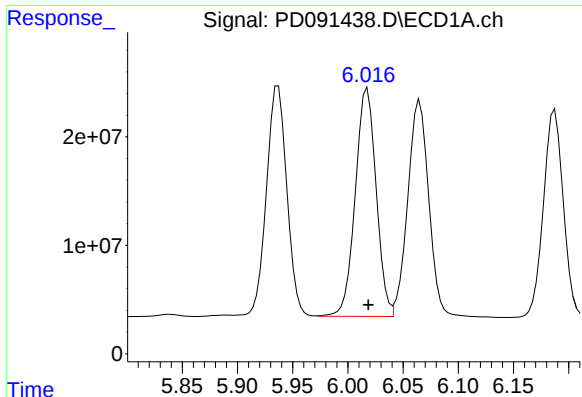
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.001 min
Response: 272943659
Conc: 41.99 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 2046514736
Conc: 37.46 ng/ml m



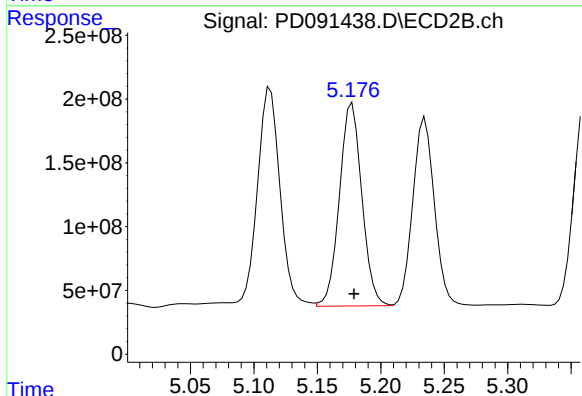
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 276894067
Conc: 40.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-18MSD

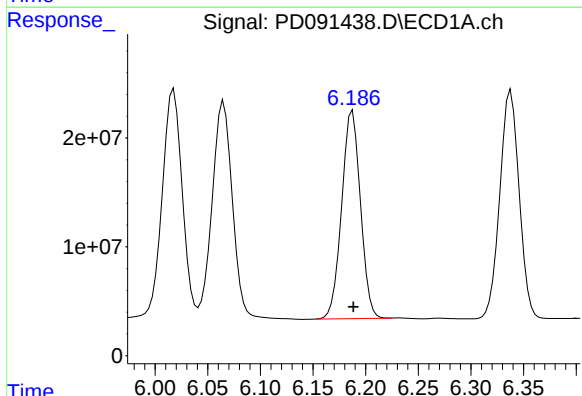
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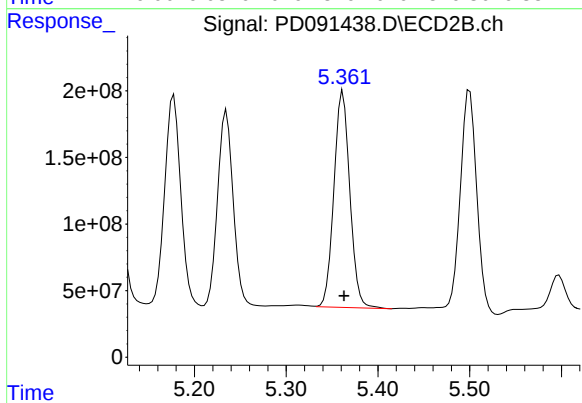
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.001 min
Response: 1954445474
Conc: 37.35 ng/ml



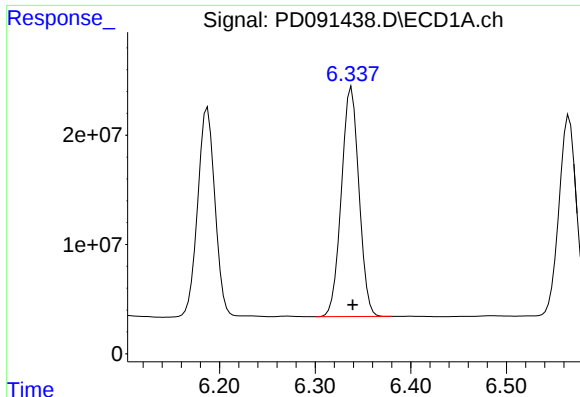
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 238014703
Conc: 41.04 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 1963755408
Conc: 36.75 ng/ml



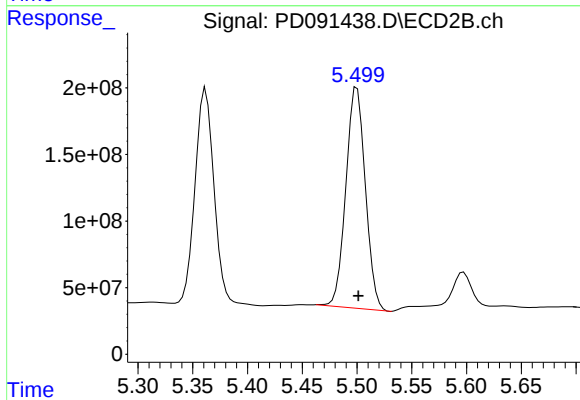
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.001 min
Response: 269047858
Conc: 41.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-18MSD

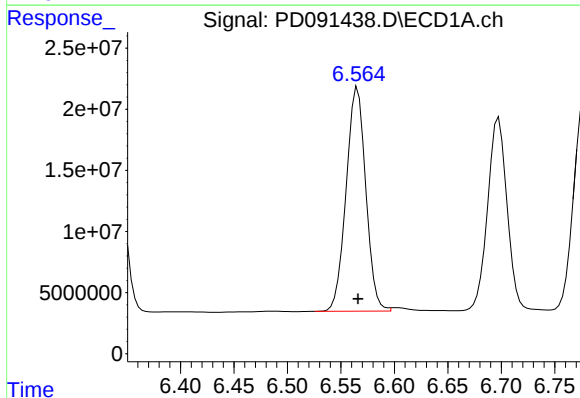
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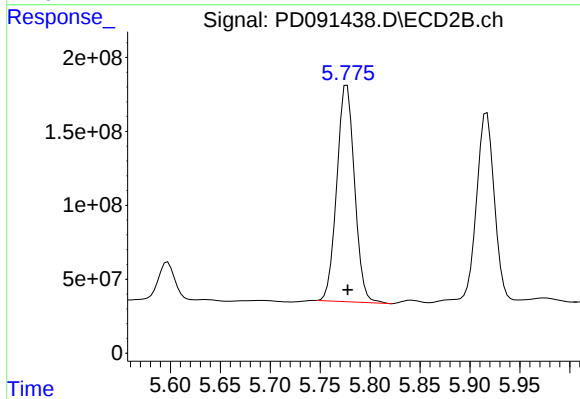
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 2058957301
Conc: 37.91 ng/ml



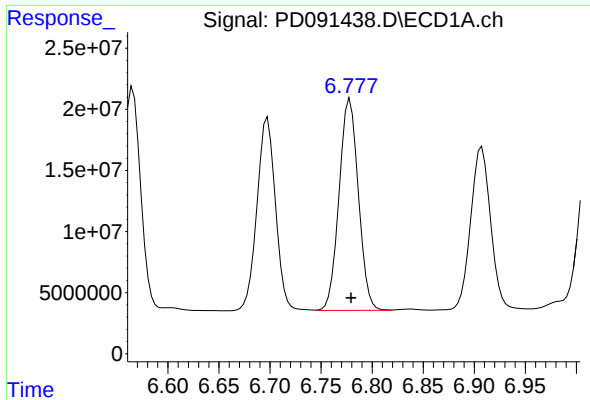
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 234364020
Conc: 47.22 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 1814101209
Conc: 40.14 ng/ml



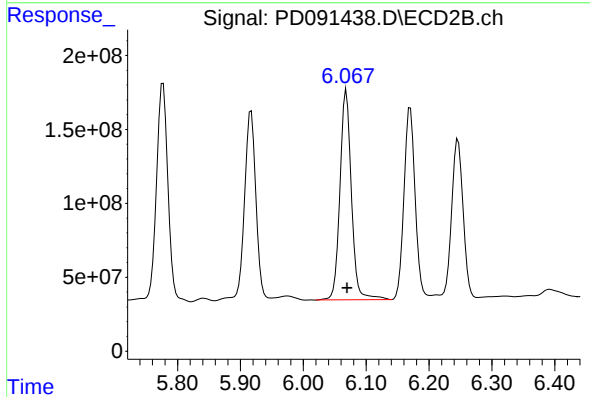
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 227952118
Conc: 41.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-18MSD

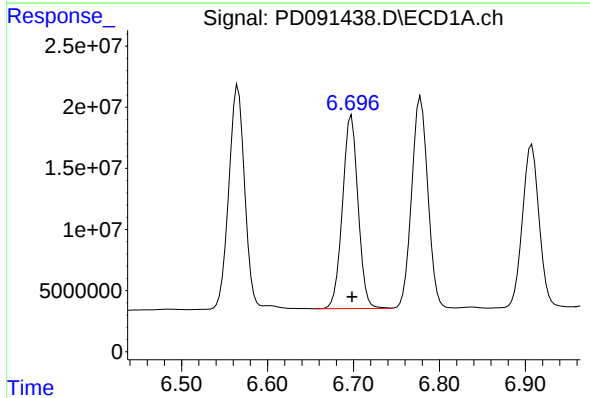
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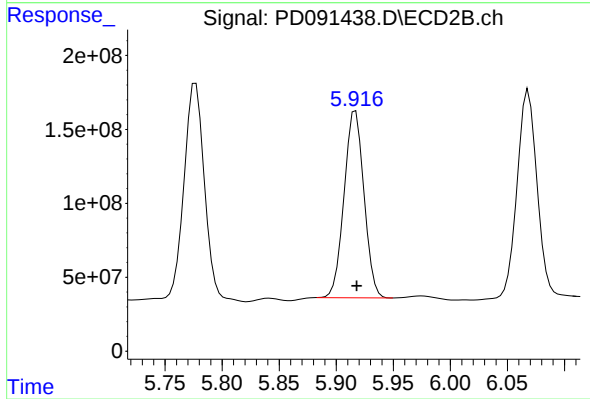
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 1802182273
Conc: 38.61 ng/ml



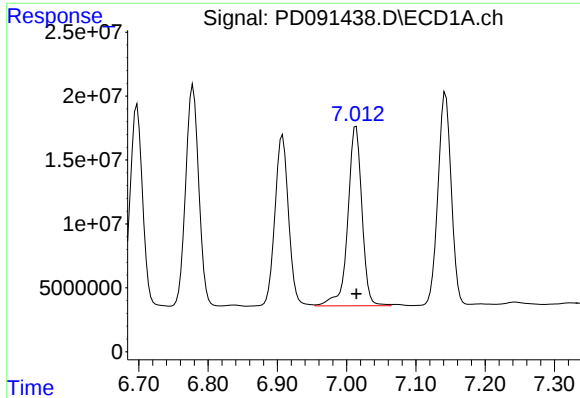
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 199837937
Conc: 40.69 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 1533800241
Conc: 31.39 ng/ml



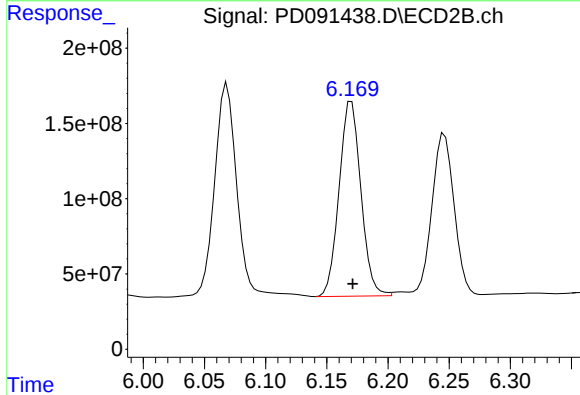
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 199317321
Conc: 48.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-18MSD

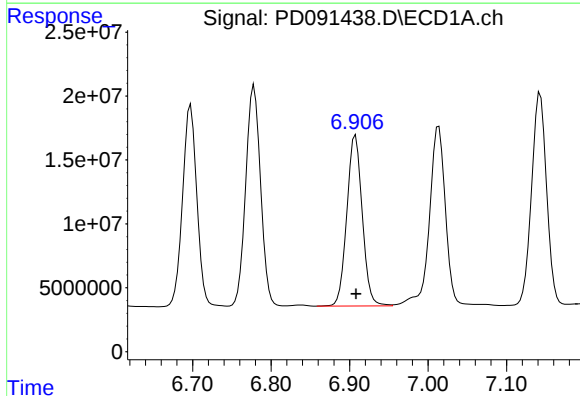
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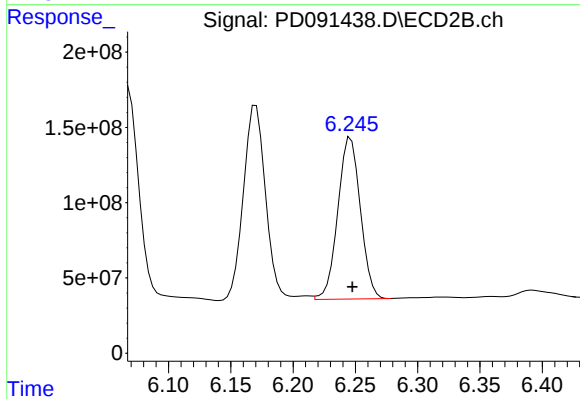
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 1604843273
Conc: 41.01 ng/ml



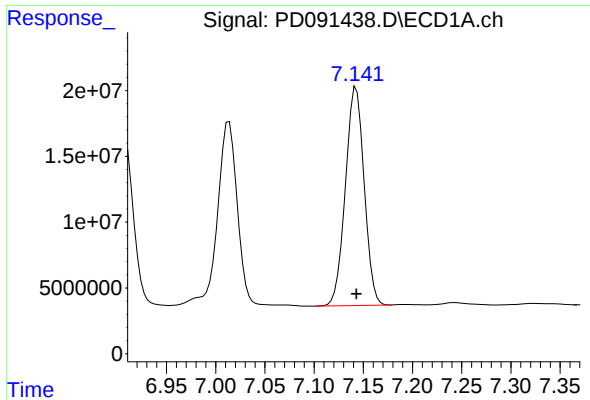
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 182782035
Conc: 43.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.001 min
Response: 1357230909
Conc: 38.46 ng/ml



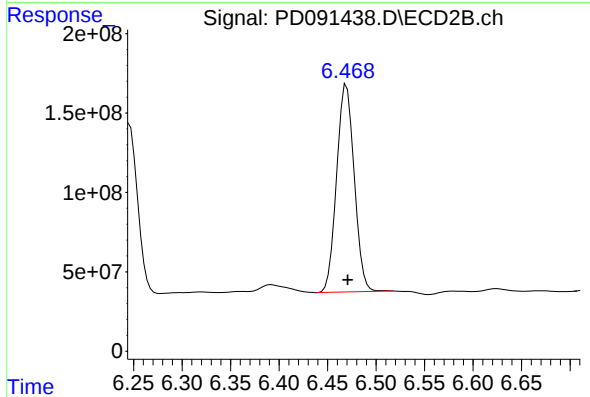
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 220083744
Conc: 42.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-18MSD

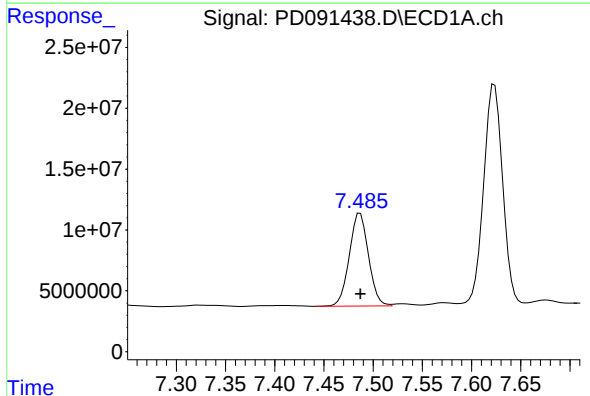
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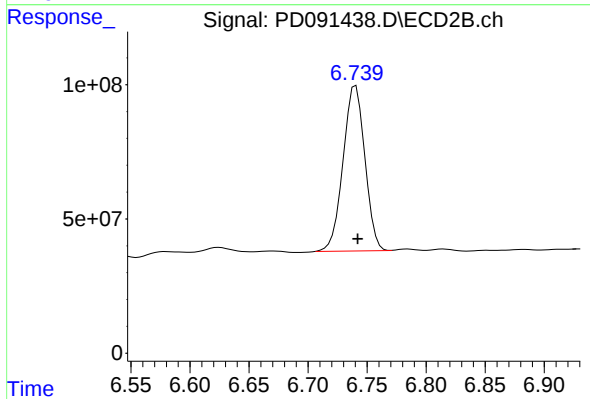
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 1647288848
Conc: 36.74 ng/ml



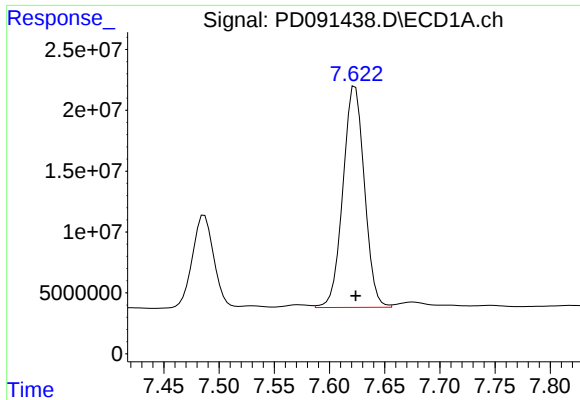
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 103402249
Conc: 47.56 ng/ml



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 791223348
Conc: 39.46 ng/ml



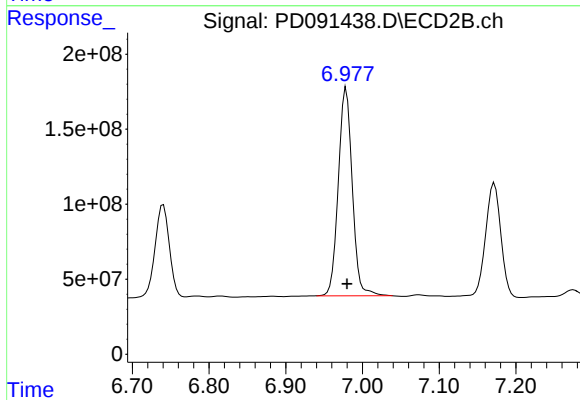
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 245927485
Conc: 43.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-18MSD

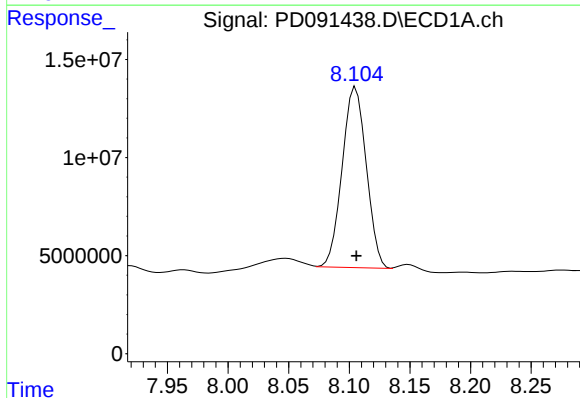
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



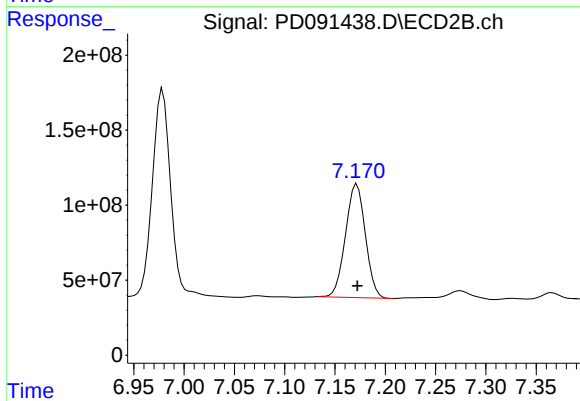
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 1756178914
Conc: 34.46 ng/ml



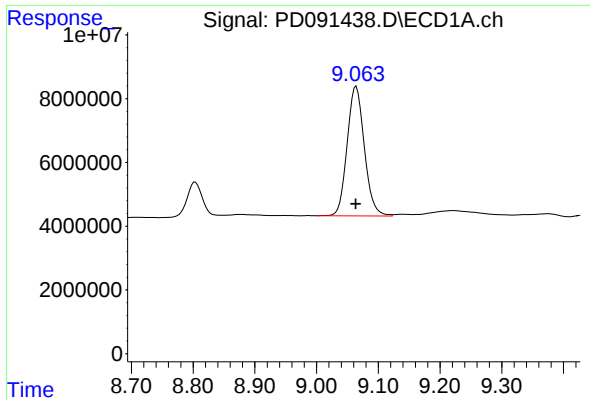
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.002 min
Response: 127397404
Conc: 35.82 ng/ml m



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 1038840266
Conc: 31.35 ng/ml



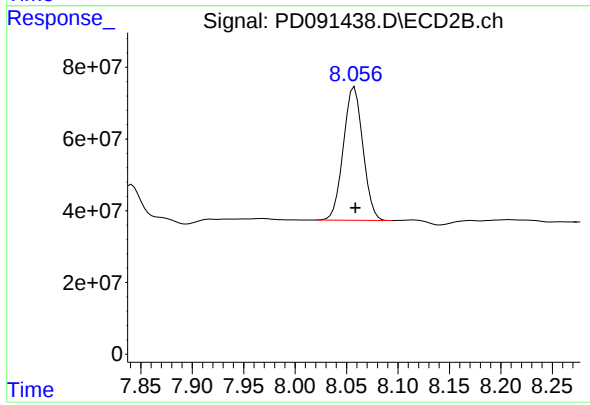
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 78868103
Conc: 15.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-18MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 492112327
Conc: 12.43 ng/ml