

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121025\
 Data File : PD091538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2025 15:57
 Operator : AR\AJ
 Sample : Q3814-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-5MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/11/2025
 Supervised By :Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 01:54:40 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...	3.539	2.871	68817401	961.6E6	19.813m	24.405
28)	SA Decachlor...	9.066	8.059	97619968	849.7E6	18.780	20.519
Target Compounds							
2)	A alpha-BHC	3.990	3.383	423.9E6	4045.9E6	52.658	59.348
3)	MA gamma-BHC...	4.320	3.719	406.5E6	3678.3E6	54.090m	65.417
4)	MA Heptachlor	4.918	4.071	383.3E6	3662.3E6	53.988m	62.836
5)	MB Aldrin	5.261	4.356	382.2E6	3651.6E6	54.926	62.973
6)	B beta-BHC	4.509	4.016	143.8E6	1593.5E6	49.801	66.508 #
7)	B delta-BHC	4.758	4.252	399.3E6	3771.1E6	66.745	62.970
8)	B Heptachlo...	5.682	4.860	337.5E6	3213.4E6	54.507	63.509
9)	A Endosulfan I	6.066	5.234	316.9E6	2885.3E6	51.864	58.896
10)	B gamma-Chl...	5.936	5.112	332.3E6	3435.0E6	52.112m	61.536m
11)	B alpha-Chl...	6.018	5.178	331.0E6	3340.9E6	49.281	62.388 #
12)	B 4,4'-DDE	6.188	5.362	304.6E6	3398.3E6	52.429	62.004
13)	MA Dieldrin	6.339	5.500	336.4E6	3448.1E6	51.693	62.168
14)	MA Endrin	6.566	5.777	290.0E6	3086.7E6	51.718	59.044
15)	B Endosulfa...	6.779	6.069	279.4E6	2893.9E6	45.945	61.423 #
16)	A 4,4'-DDD	6.698	5.918	242.2E6	2674.6E6	52.616	58.798
17)	MA 4,4'-DDT	7.014	6.171	255.7E6	2996.2E6	49.586	63.212 #
18)	B Endrin al...	6.908	6.247	215.5E6	2188.2E6	51.593	61.308
19)	B Endosulfa...	7.143	6.471	263.7E6	2832.7E6	49.950	61.456
20)	A Methoxychlor	7.488	6.741	130.5E6	1453.9E6	48.541	61.611 #
21)	B Endrin ke...	7.625	6.980	290.4E6	3031.0E6	51.540	62.311
22)	Mirex	8.106	7.173	164.9E6	1802.8E6	44.376m	55.007

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121025\
Data File : PD091538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2025 15:57
Operator : AR\AJ
Sample : Q3814-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

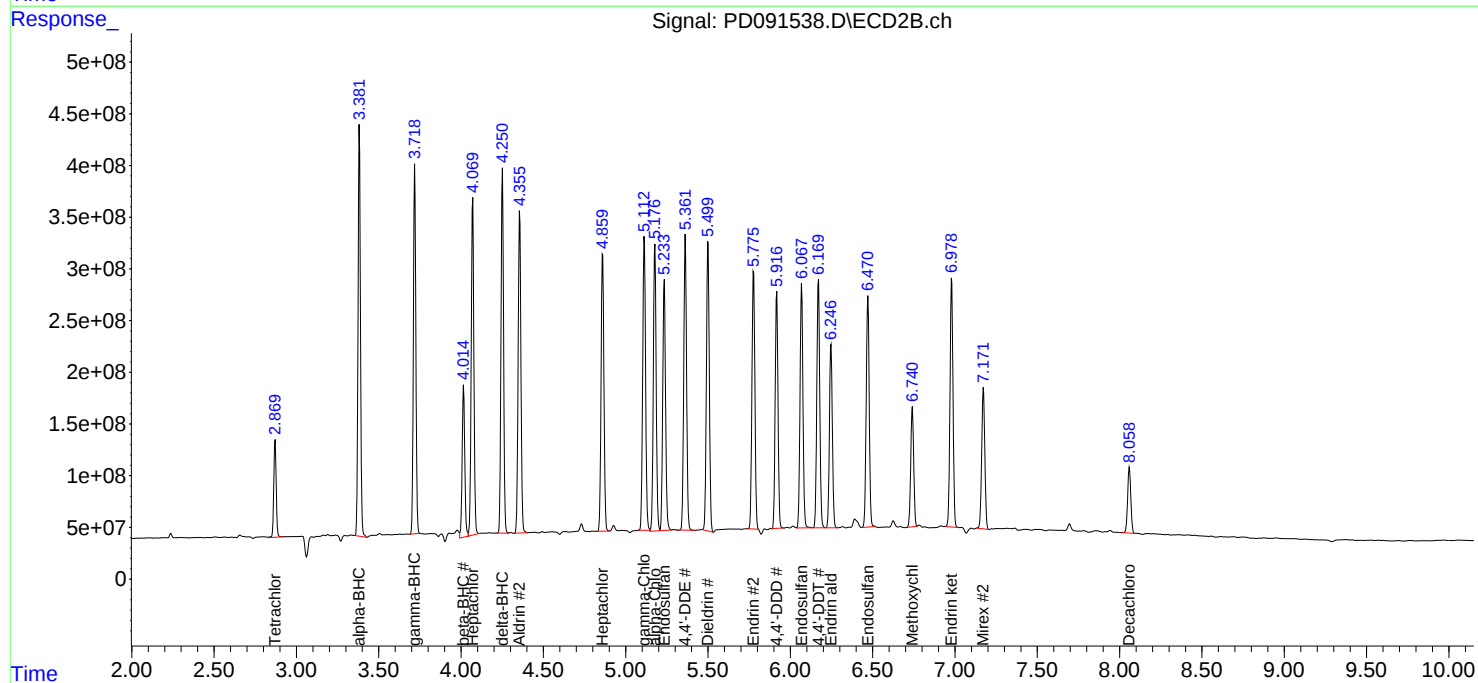
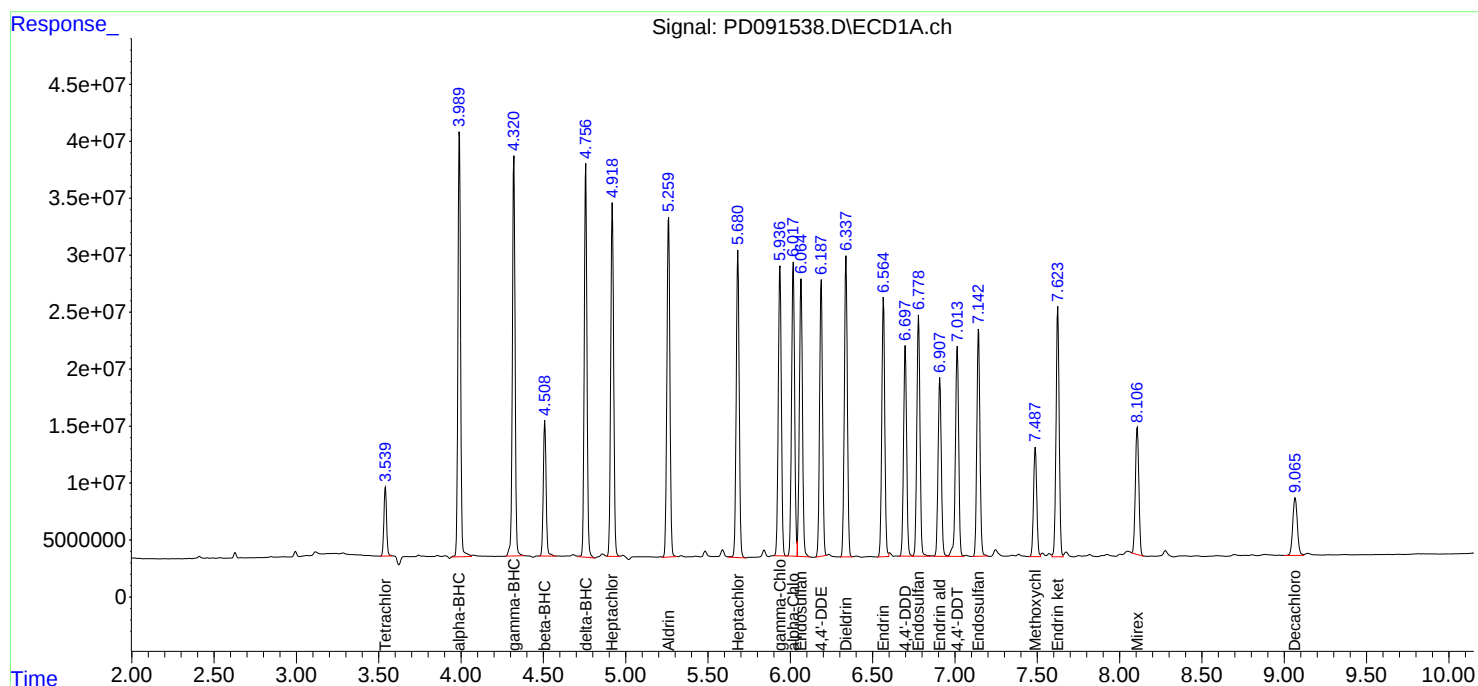
Instrument :
ECD_D
ClientSampleId :
TP-5MS

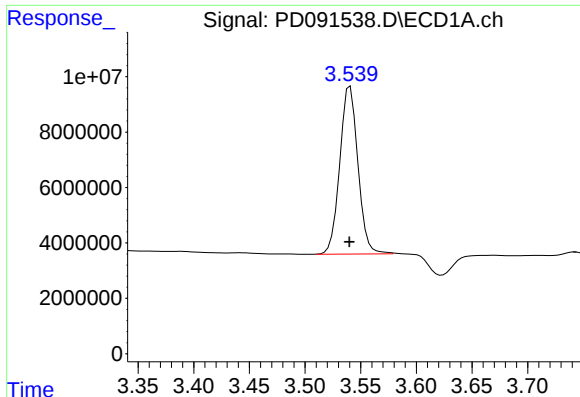
Manual Integrations
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Supervised By :Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 01:54:40 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





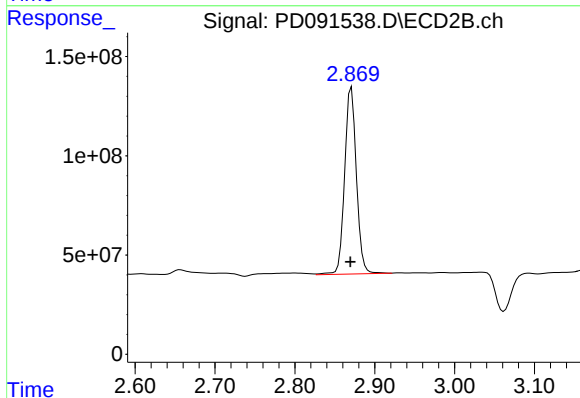
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 68817401
Conc: 19.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5MS

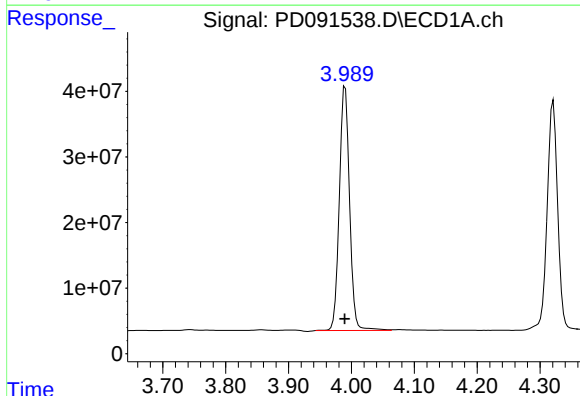
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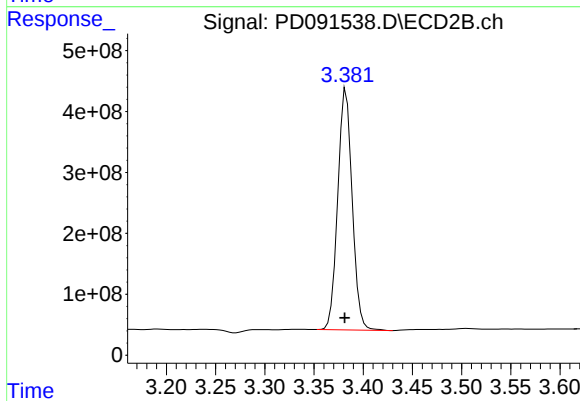
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: 0.001 min
Response: 961642784
Conc: 24.41 ng/ml



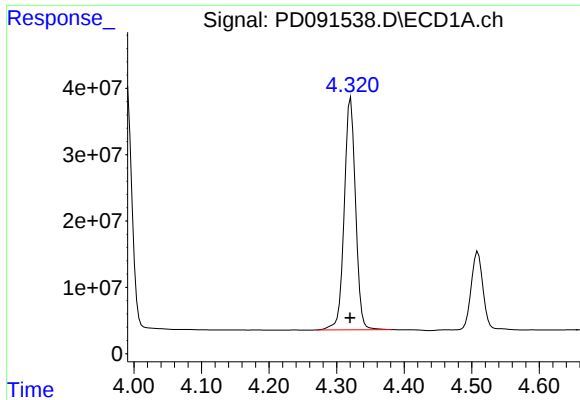
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 423943527
Conc: 52.66 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: 0.002 min
Response: 4045947718
Conc: 59.35 ng/ml



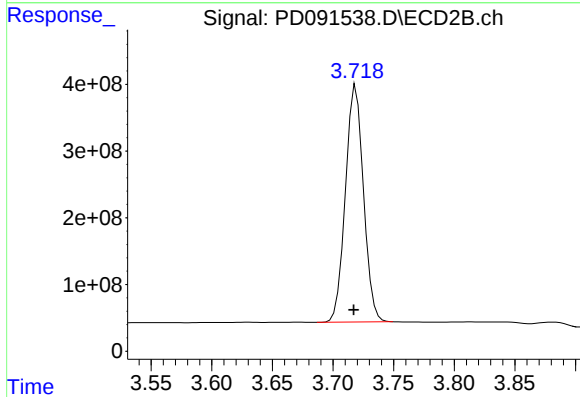
#3 gamma-BHC (Lindane)

R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 406527293
Conc: 54.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5MS

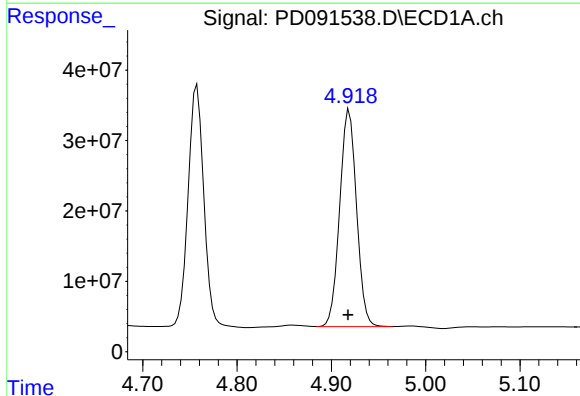
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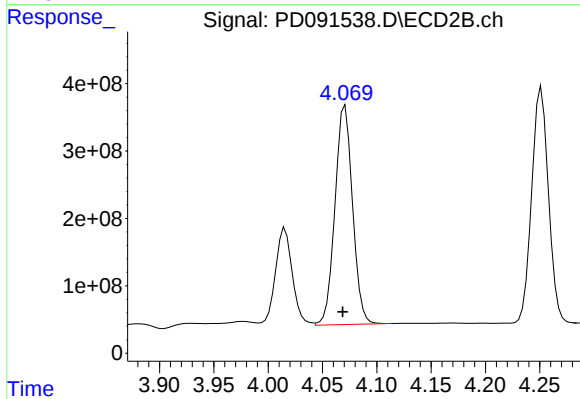
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: 0.002 min
Response: 3678323445
Conc: 65.42 ng/ml



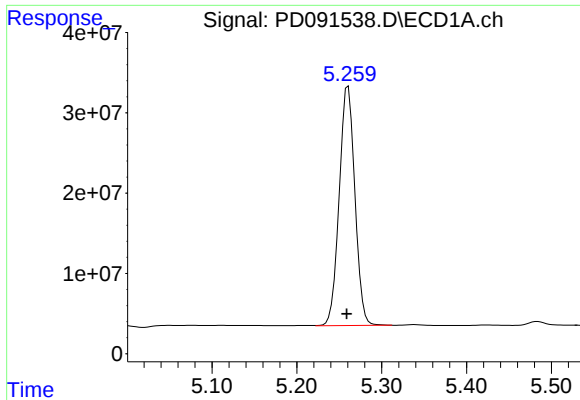
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 383253084
Conc: 53.99 ng/ml m



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: 0.002 min
Response: 3662317653
Conc: 62.84 ng/ml



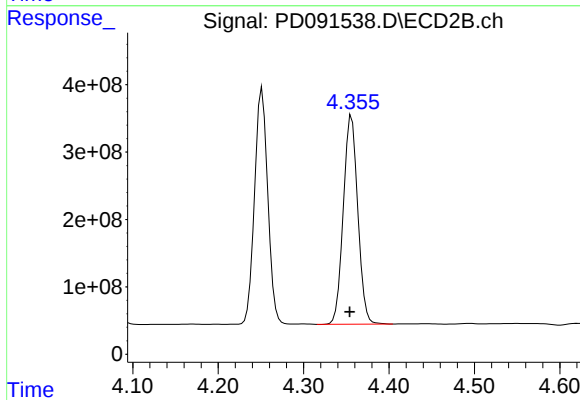
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.002 min
Response: 382165567
Conc: 54.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5MS

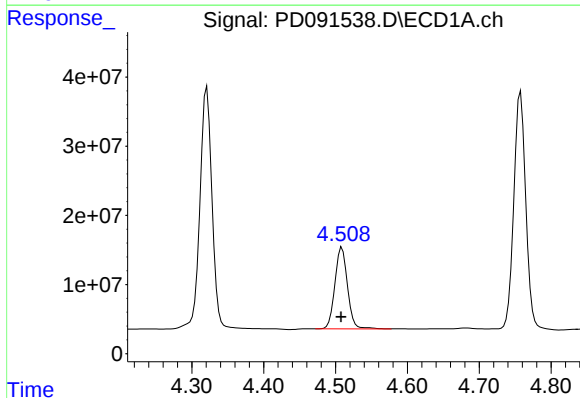
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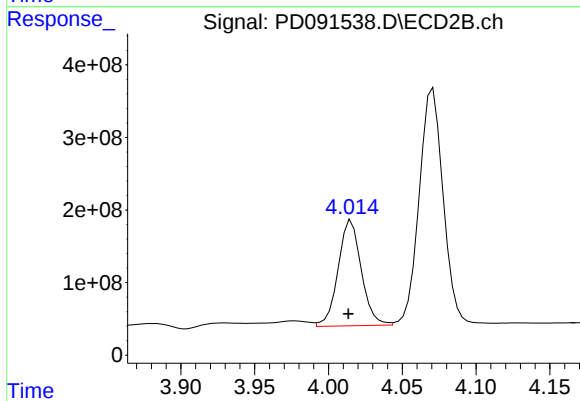
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: 0.002 min
Response: 3651565049
Conc: 62.97 ng/ml



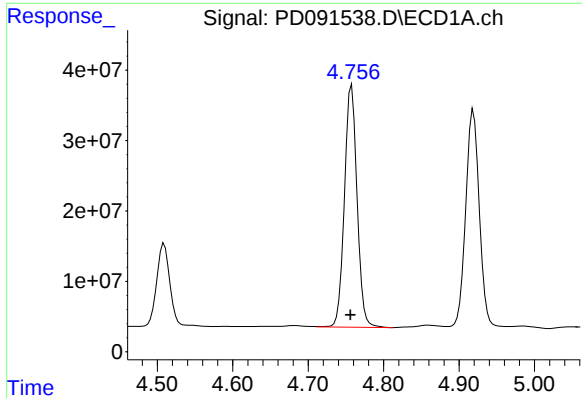
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: 0.001 min
Response: 143779042
Conc: 49.80 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: 0.002 min
Response: 1593471675
Conc: 66.51 ng/ml



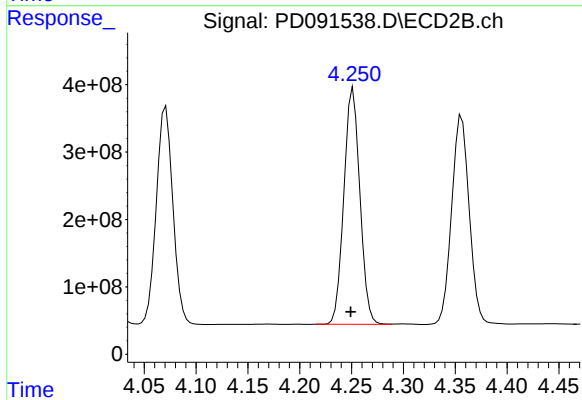
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: 0.002 min
Response: 399284706
Conc: 66.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5MS

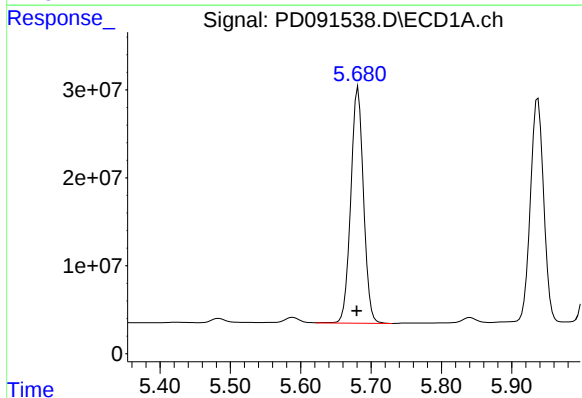
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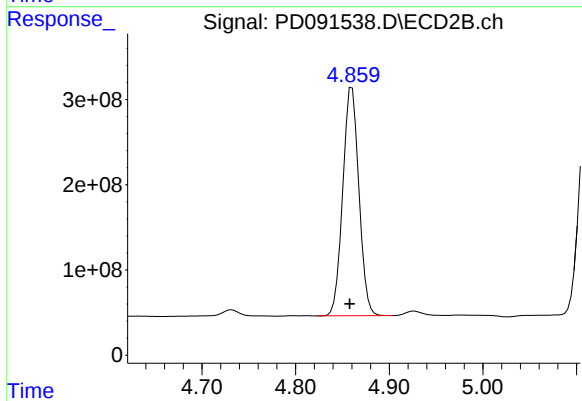
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.002 min
Response: 3771091729
Conc: 62.97 ng/ml



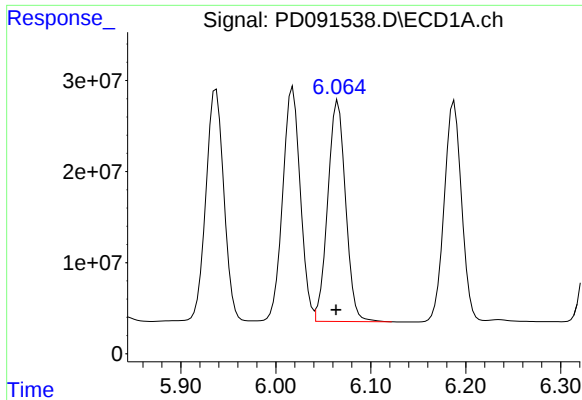
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 337521882
Conc: 54.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: 0.002 min
Response: 3213369981
Conc: 63.51 ng/ml



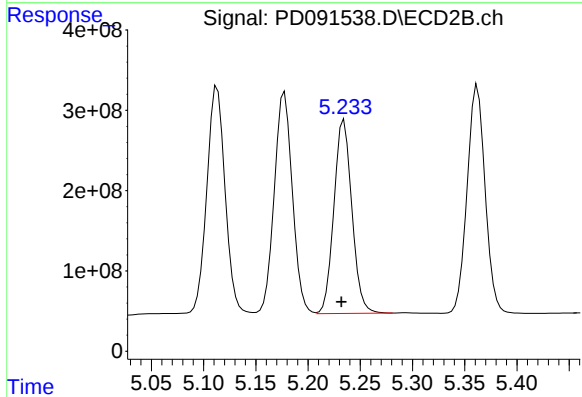
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: 0.002 min
Response: 316877380
Conc: 51.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5MS

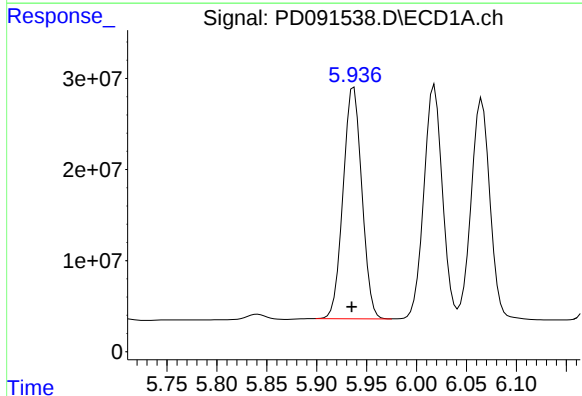
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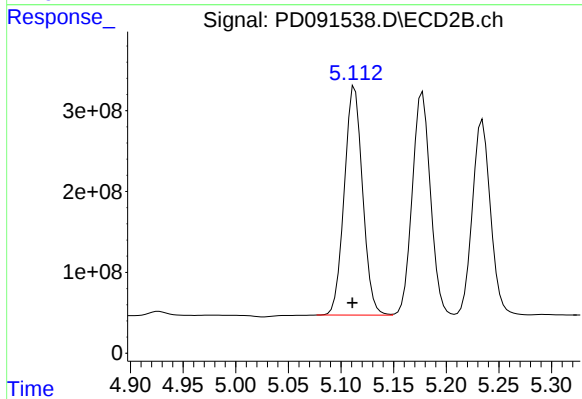
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.002 min
Response: 2885256982
Conc: 58.90 ng/ml



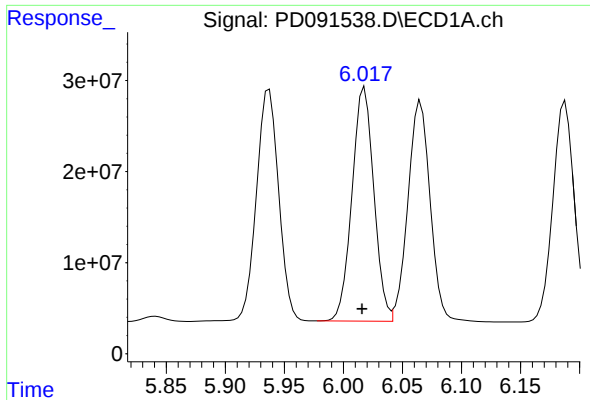
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 332319179
Conc: 52.11 ng/ml m



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 3434997465
Conc: 61.54 ng/ml m



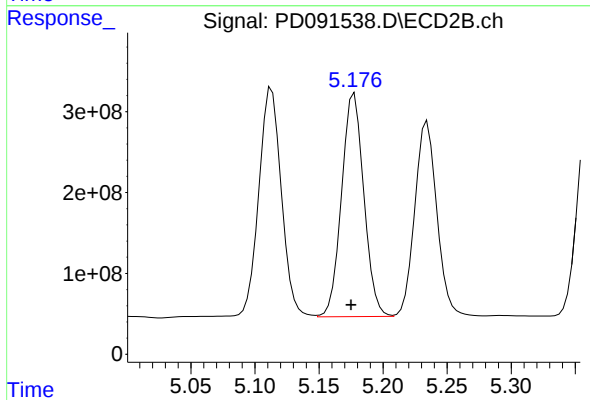
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.002 min
Response: 330980878
Conc: 49.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5MS

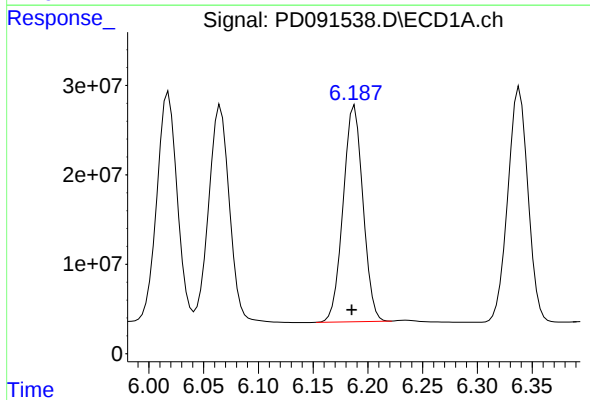
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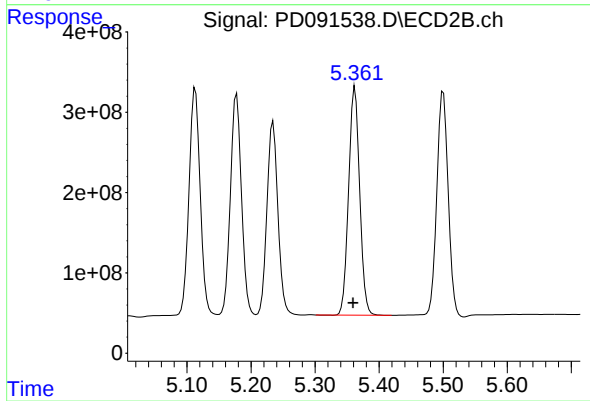
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: 0.002 min
Response: 3340927385
Conc: 62.39 ng/ml



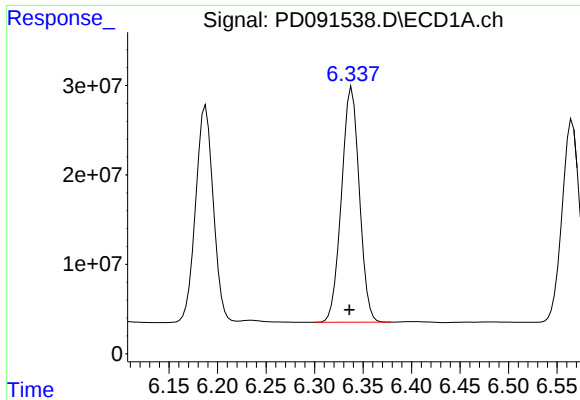
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: 0.003 min
Response: 304583365
Conc: 52.43 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: 0.003 min
Response: 3398281690
Conc: 62.00 ng/ml



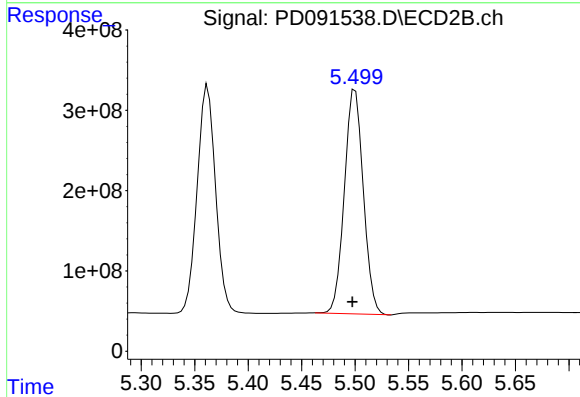
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: 0.002 min
Response: 336356597
Conc: 51.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5MS

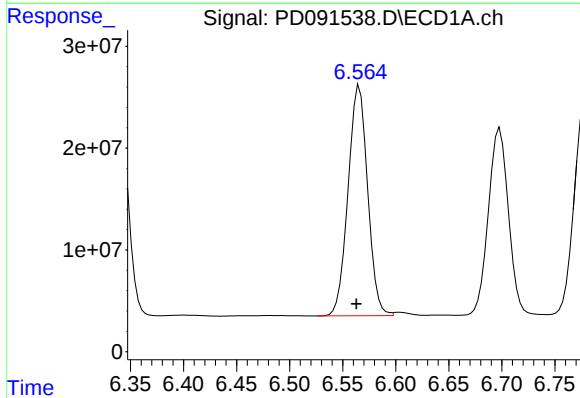
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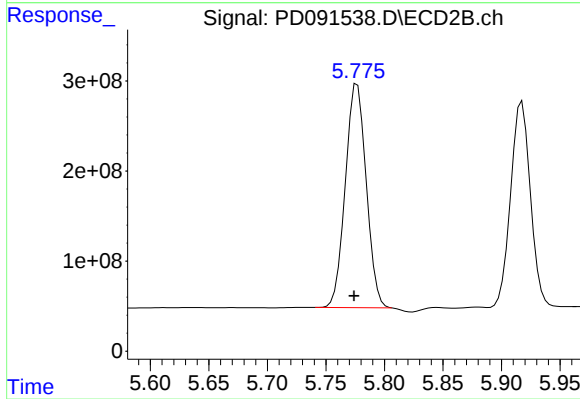
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: 0.003 min
Response: 3448070816
Conc: 62.17 ng/ml



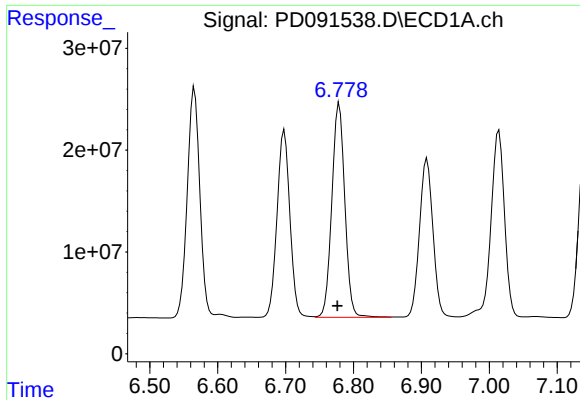
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.003 min
Response: 290042726
Conc: 51.72 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 3086716893
Conc: 59.04 ng/ml



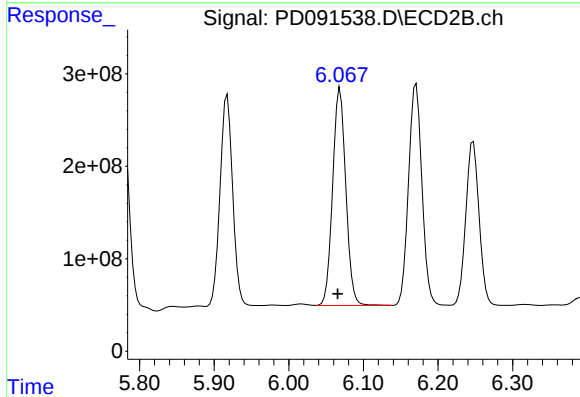
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: 0.002 min
Response: 279383965
Conc: 45.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5MS

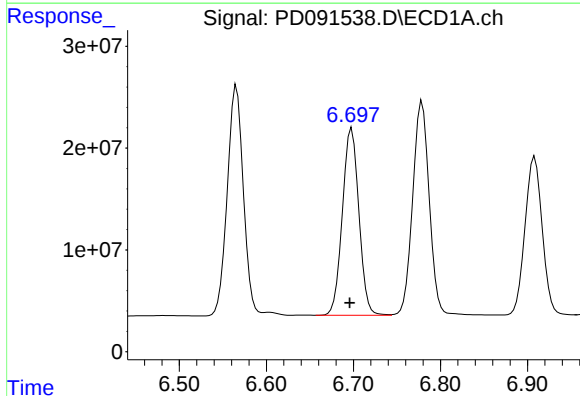
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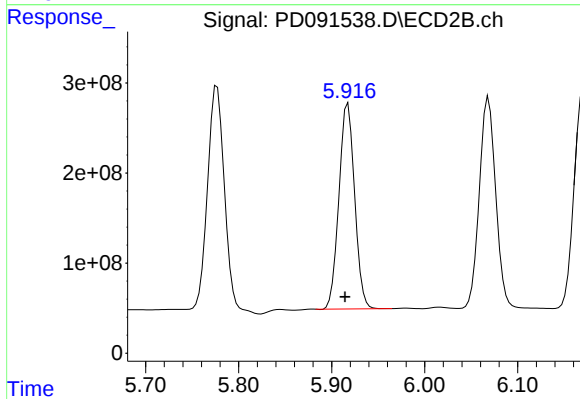
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.003 min
Response: 2893904210
Conc: 61.42 ng/ml



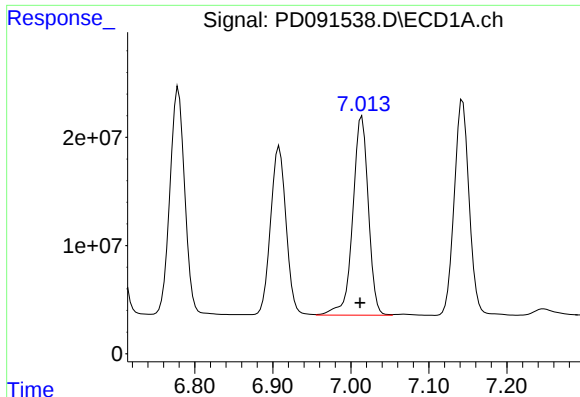
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: 0.002 min
Response: 242183557
Conc: 52.62 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: 0.003 min
Response: 2674589644
Conc: 58.80 ng/ml



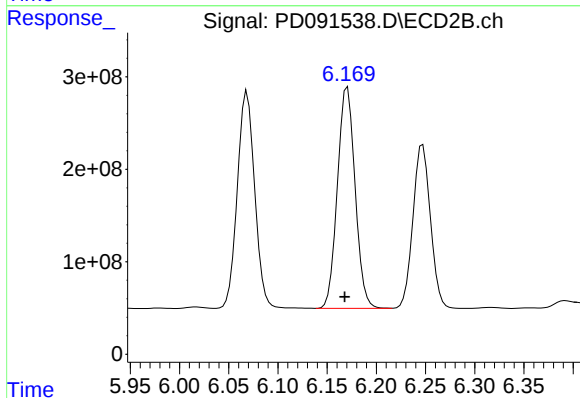
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.003 min
Response: 255687476
Conc: 49.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5MS

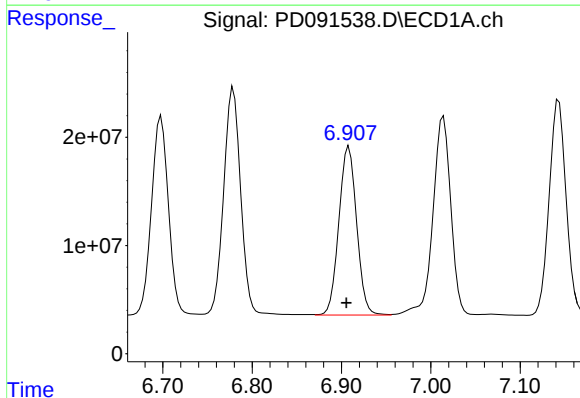
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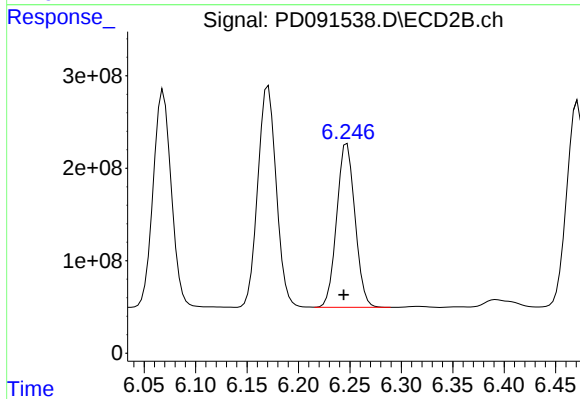
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.003 min
Response: 2996172866
Conc: 63.21 ng/ml



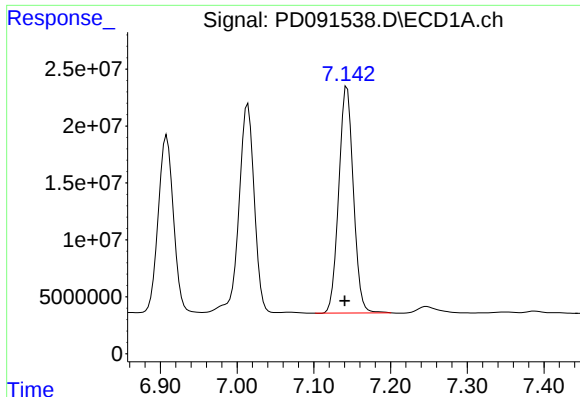
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: 0.003 min
Response: 215523846
Conc: 51.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.003 min
Response: 2188157418
Conc: 61.31 ng/ml



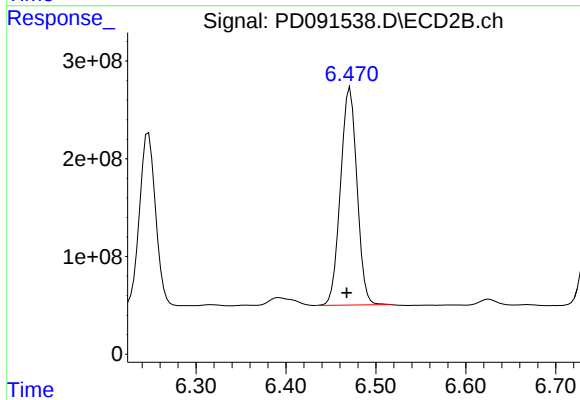
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: 0.003 min
Response: 263697548
Conc: 49.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5MS

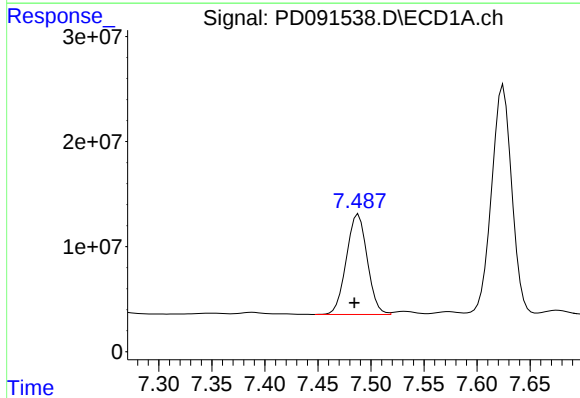
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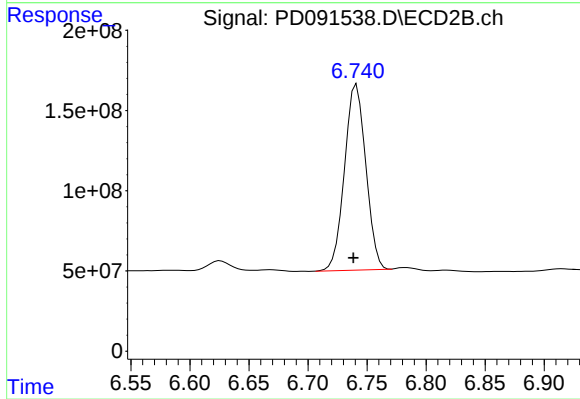
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: 0.004 min
Response: 2832748411
Conc: 61.46 ng/ml



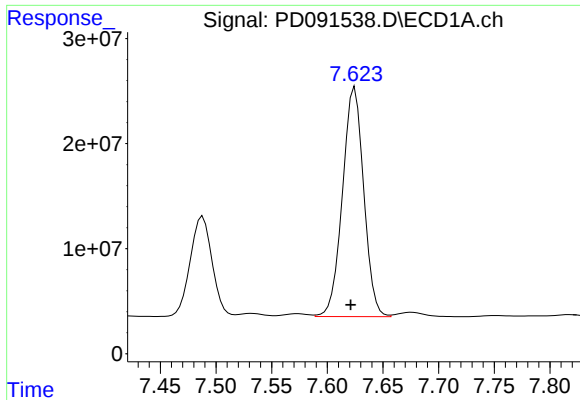
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.004 min
Response: 130477388
Conc: 48.54 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: 0.003 min
Response: 1453906952
Conc: 61.61 ng/ml



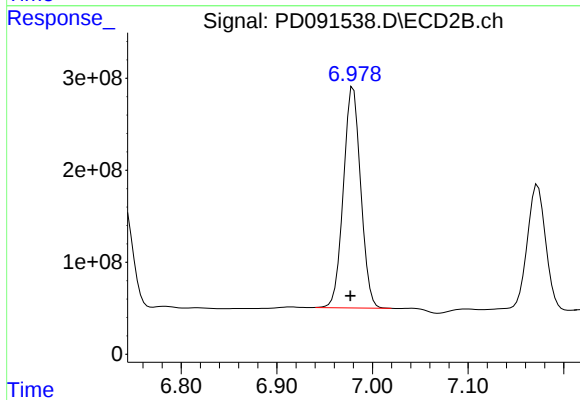
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.004 min
Response: 290367939
Conc: 51.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5MS

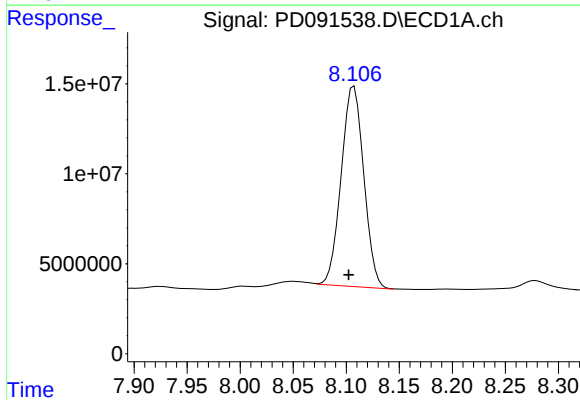
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2025
Supervised By :Yogesh Patel 12/11/2025



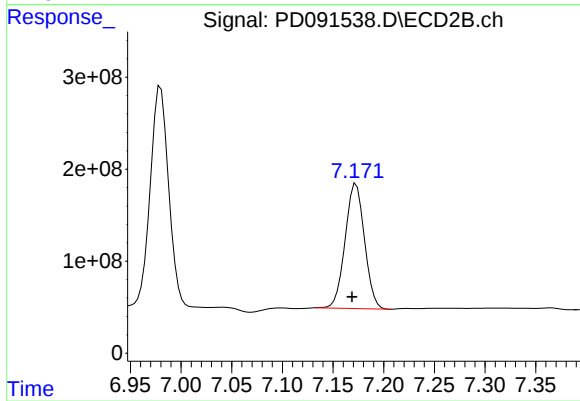
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 3030990618
Conc: 62.31 ng/ml



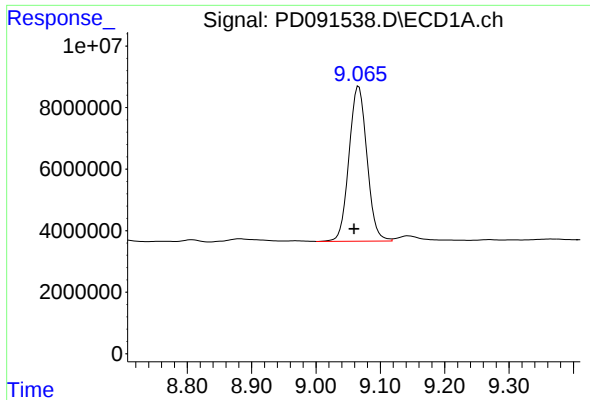
#22 Mirex

R.T.: 8.106 min
Delta R.T.: 0.004 min
Response: 164876905
Conc: 44.38 ng/ml m



#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.004 min
Response: 1802845881
Conc: 55.01 ng/ml



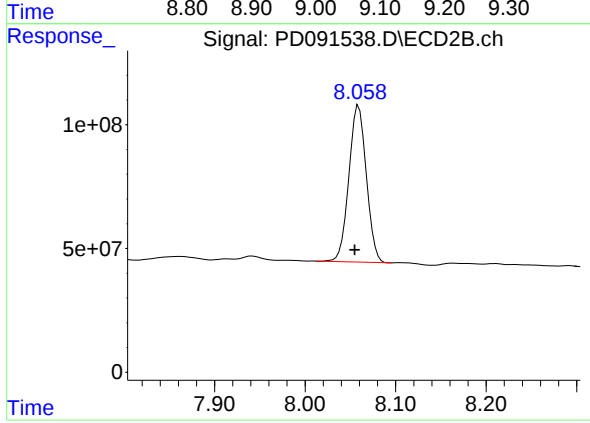
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.007 min
Response: 97619968
Conc: 18.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5MS

Manual Integrations
APPROVED

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Supervised By :Yogesh Patel 12/11/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.005 min
Response: 849692250
Conc: 20.52 ng/ml