

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD090988.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 13:10
 Operator : AR\AJ
 Sample : Q3544-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ONYX-1MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 00:25:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.543	2.874	39172439	409.3E6	12.579m	13.745
28)	SA Decachlor...	9.064	8.059	57417864	389.7E6	12.274	12.865
Target Compounds							
2)	A alpha-BHC	3.994	3.386	333.2E6	2336.0E6	46.432	45.719
3)	MA gamma-BHC...	4.324	3.722	309.8E6	2104.6E6	45.573	44.542
4)	MA Heptachlor	4.922	4.073	319.3E6	2155.9E6	57.121	48.335
5)	MB Aldrin	5.263	4.359	295.9E6	2102.4E6	45.196	45.390
6)	B beta-BHC	4.512	4.018	124.5E6	907.4E6	47.512	45.758
7)	B delta-BHC	4.760	4.254	320.3E6	2150.8E6	47.367	45.074
8)	B Heptachlo...	5.684	4.861	267.0E6	1892.7E6	46.114	44.389m
9)	A Endosulfan I	6.068	5.237	254.0E6	1781.3E6	45.868	45.222
10)	B gamma-Chl...	5.939	5.114	265.0E6	2014.4E6	44.677	44.815m
11)	B alpha-Chl...	6.020	5.180	276.3E6	1953.9E6	44.703	45.294
12)	B 4,4'-DDE	6.189	5.364	241.2E6	1985.6E6	45.280	45.293
13)	MA Dieldrin	6.340	5.502	270.9E6	1980.6E6	46.453	44.827
14)	MA Endrin	6.567	5.779	229.9E6	1844.1E6	46.416	45.540
15)	B Endosulfa...	6.780	6.071	228.4E6	1738.8E6	45.676	46.298
16)	A 4,4'-DDD	6.699	5.919	192.2E6	1589.1E6	47.411	43.610
17)	MA 4,4'-DDT	7.015	6.172	205.7E6	1733.2E6	50.054	49.416
18)	B Endrin al...	6.909	6.249	171.1E6	1292.2E6	46.711	46.661
19)	B Endosulfa...	7.143	6.472	211.6E6	1658.0E6	45.631	46.254
20)	A Methoxychlor	7.488	6.743	109.3E6	877.6E6	51.417	50.356
21)	B Endrin ke...	7.624	6.981	232.0E6	1835.5E6	47.748	48.664
22)	Mirex	8.106	7.174	147.5E6	1189.8E6	46.067	46.311

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 13:10
Operator : AR\AJ
Sample : Q3544-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

ONYX-1MS

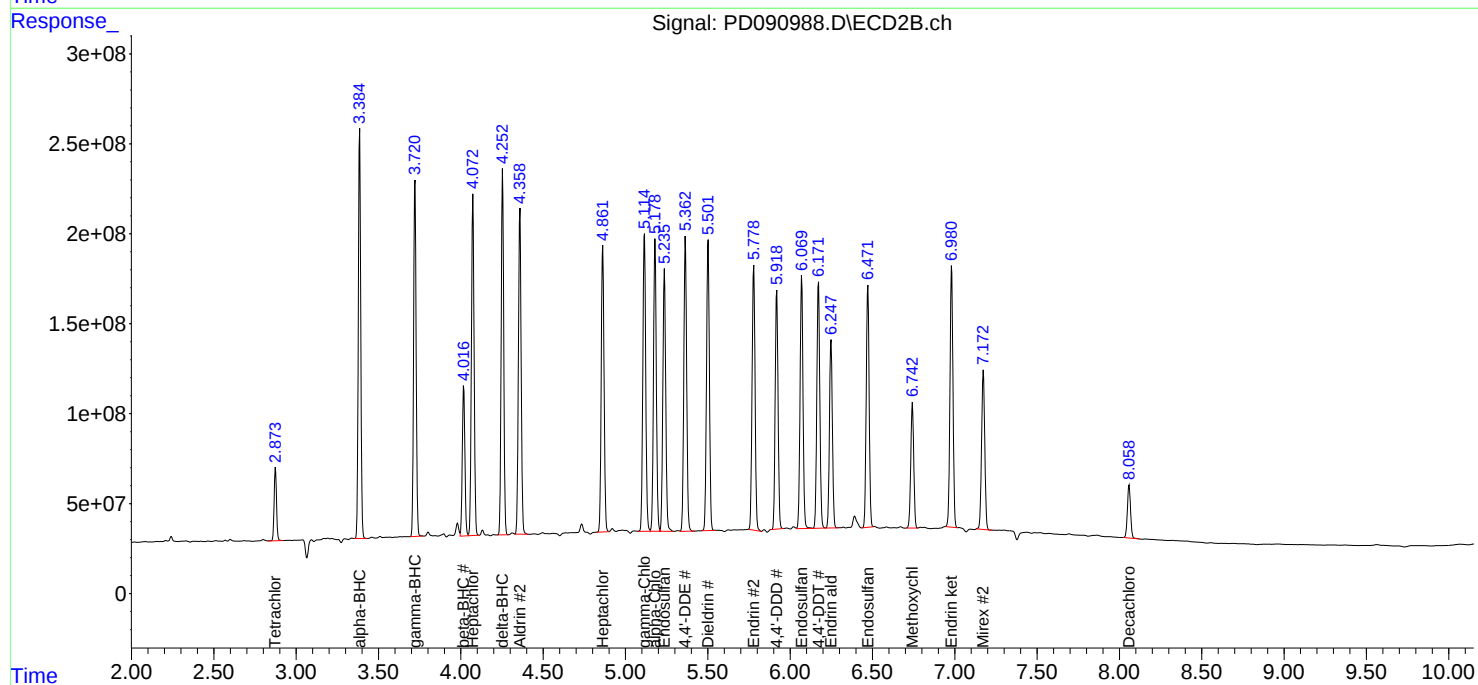
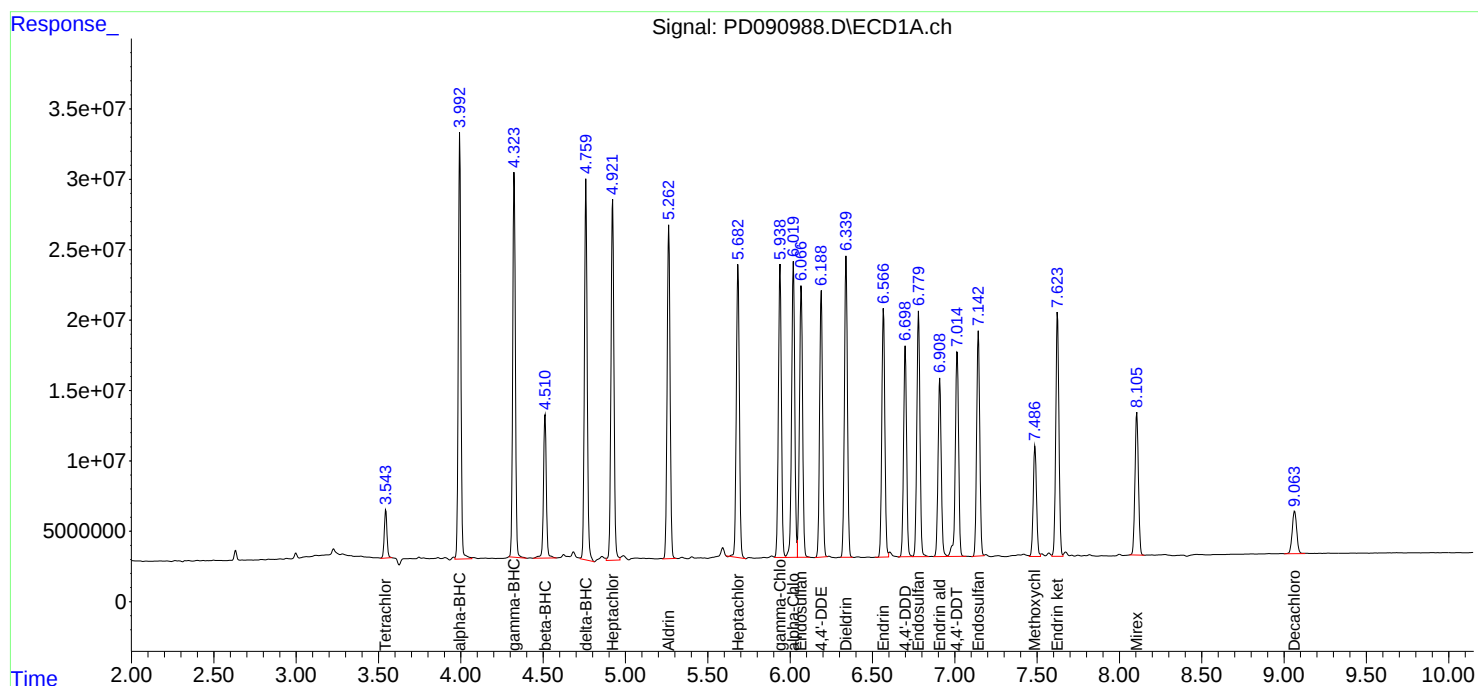
Manual Integrations

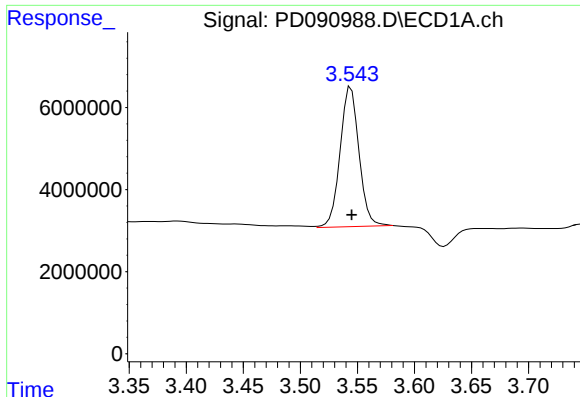
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Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:25:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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





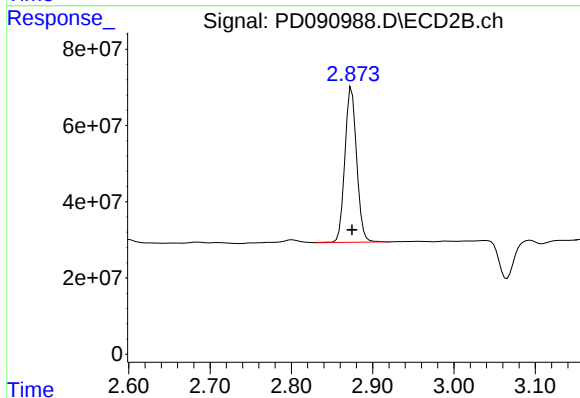
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 39172439
Conc: 12.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MS

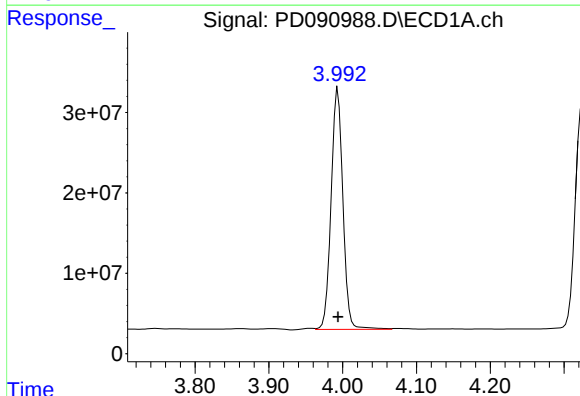
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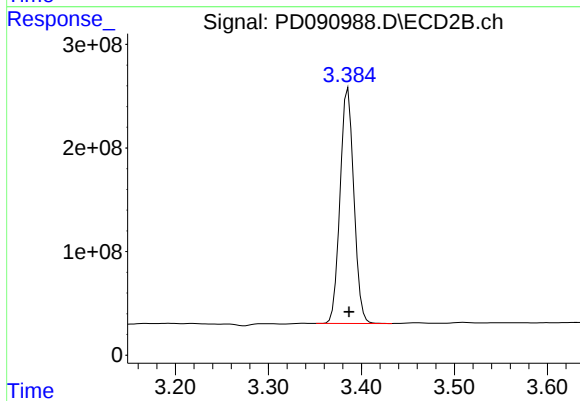
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 409280649
Conc: 13.74 ng/ml



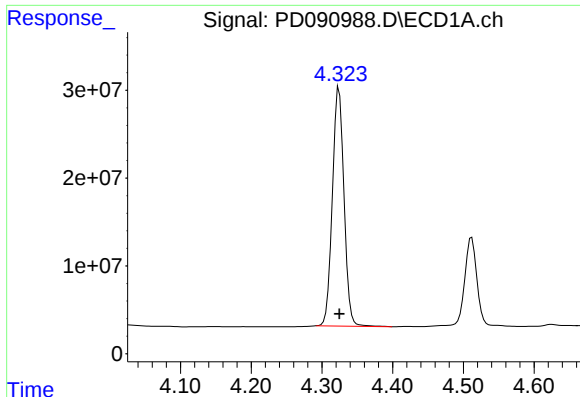
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 333245712
Conc: 46.43 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2336035691
Conc: 45.72 ng/ml



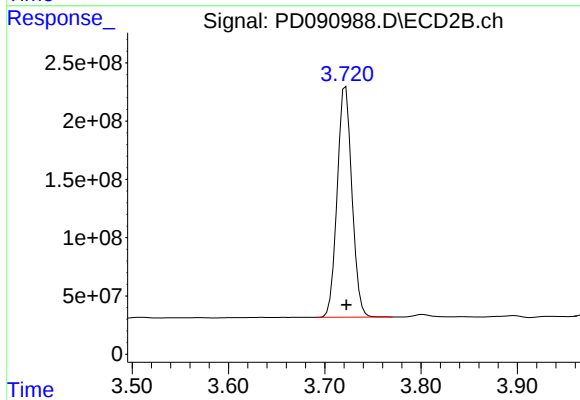
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 309843449
Conc: 45.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MS

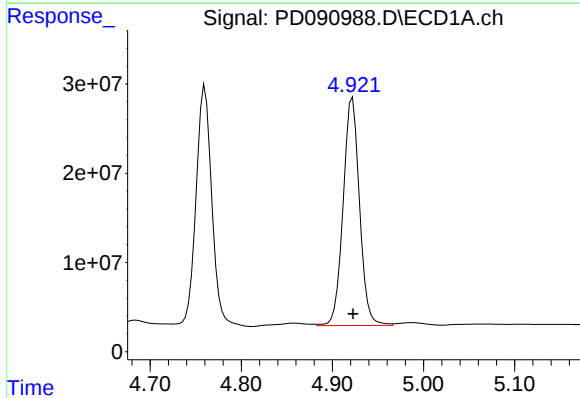
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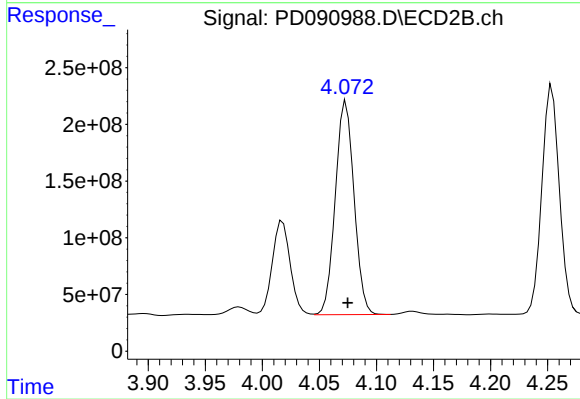
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2104565082
Conc: 44.54 ng/ml



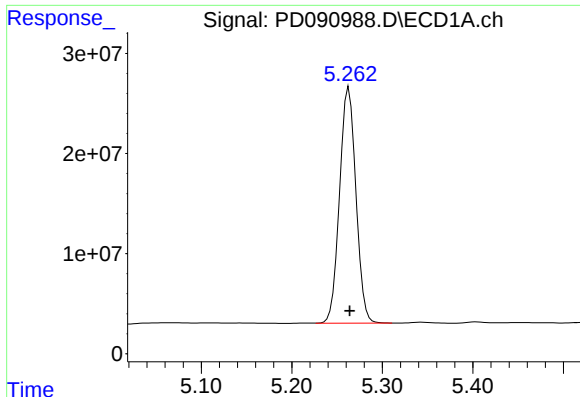
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 319283307
Conc: 57.12 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2155855941
Conc: 48.33 ng/ml



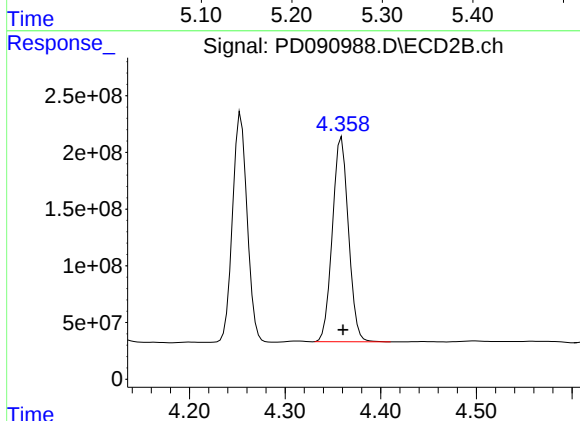
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 295908794
Conc: 45.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MS

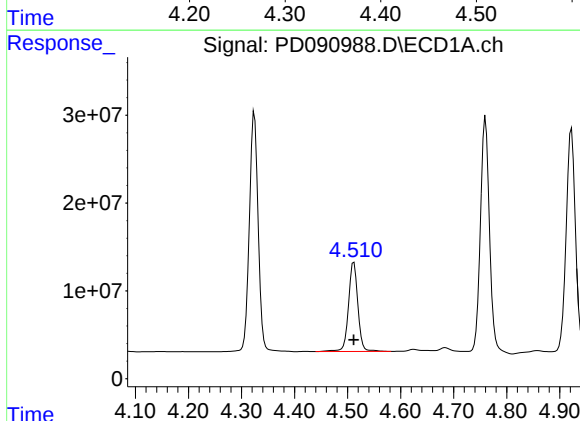
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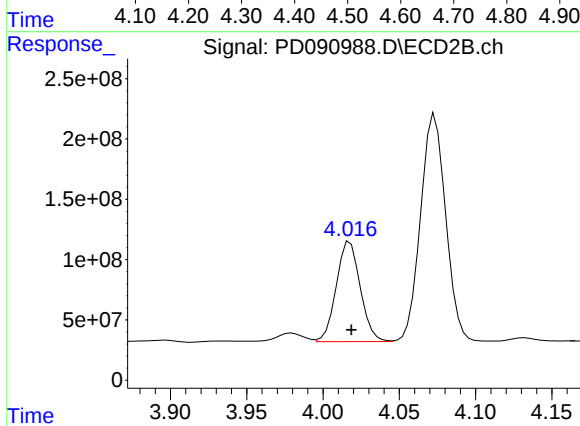
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2102431945
Conc: 45.39 ng/ml



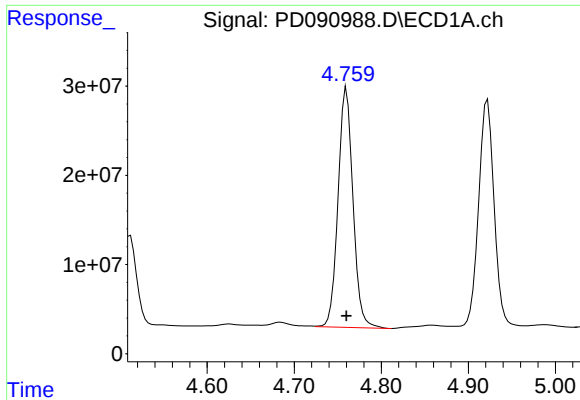
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 124463392
Conc: 47.51 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 907353494
Conc: 45.76 ng/ml



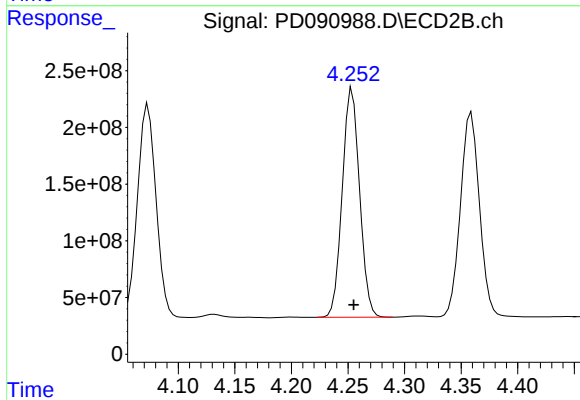
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 320284083
Conc: 47.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MS

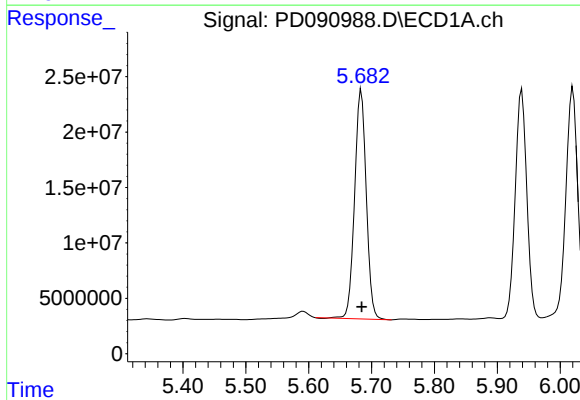
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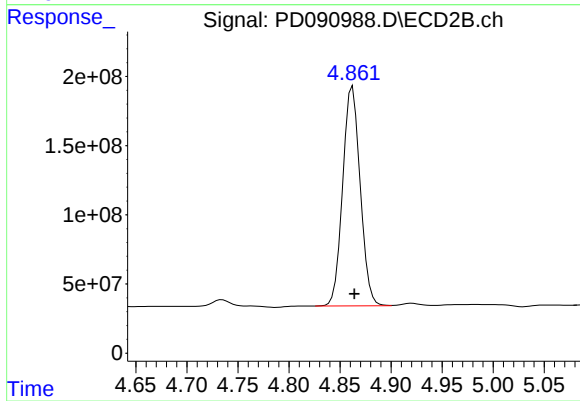
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2150790419
Conc: 45.07 ng/ml



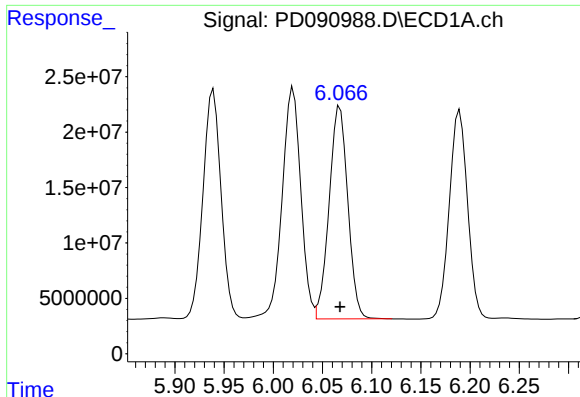
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 266957086
Conc: 46.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: -0.003 min
Response: 1892711419
Conc: 44.39 ng/ml m



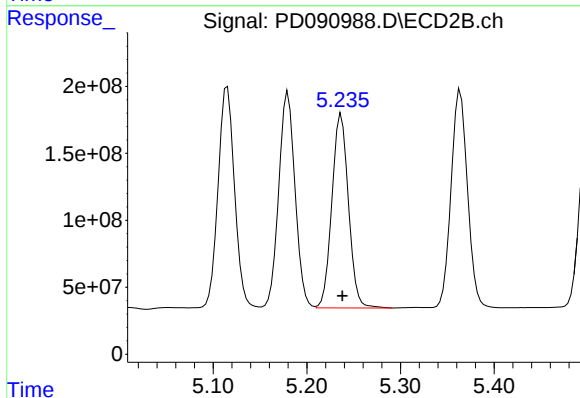
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 253955361
Conc: 45.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MS

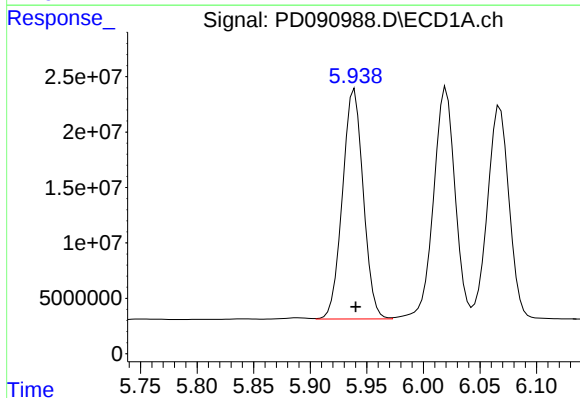
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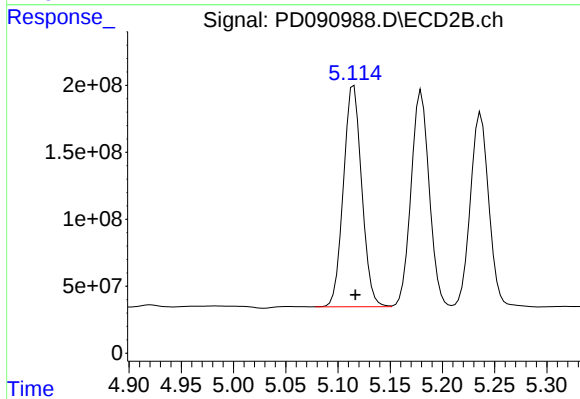
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1781322947
Conc: 45.22 ng/ml



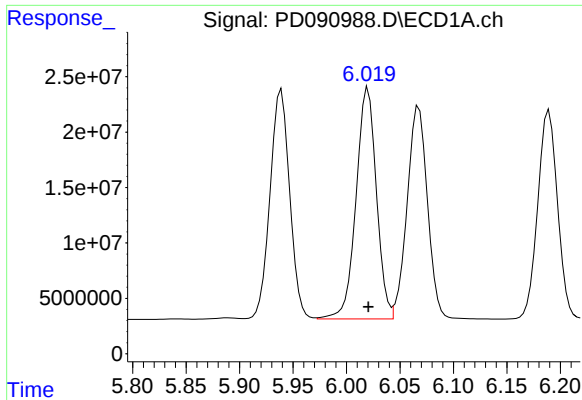
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 264987148
Conc: 44.68 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 2014400957
Conc: 44.82 ng/ml m



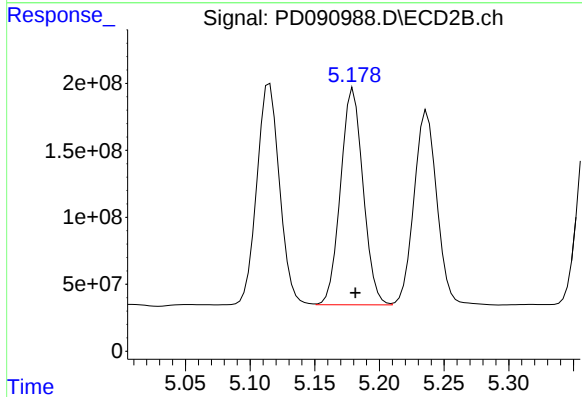
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 276277010
Conc: 44.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MS

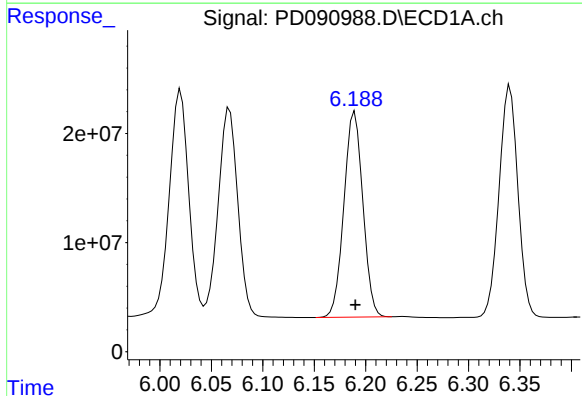
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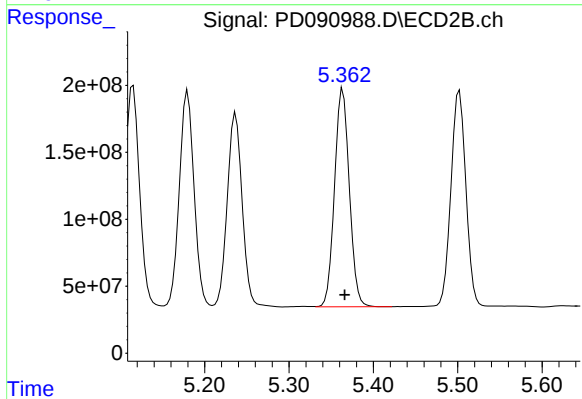
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 1953888203
Conc: 45.29 ng/ml



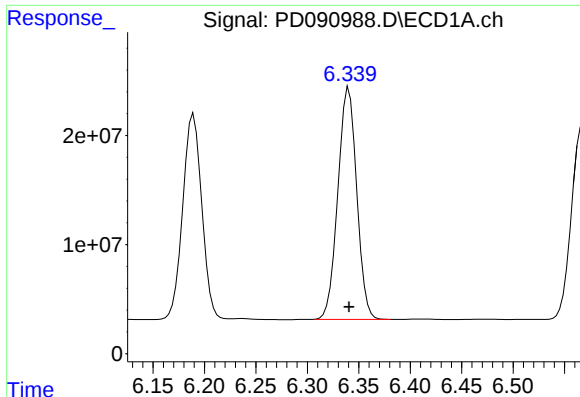
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 241192467
Conc: 45.28 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 1985552218
Conc: 45.29 ng/ml



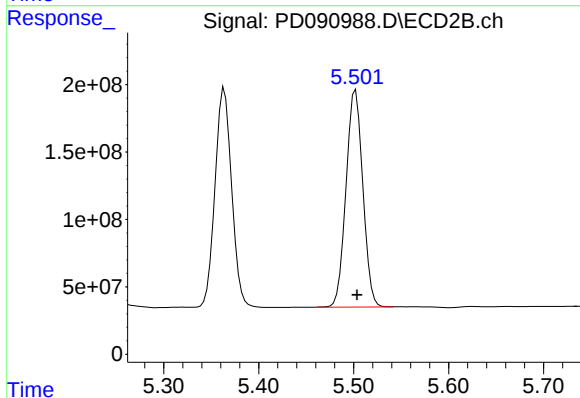
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 270884178
Conc: 46.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MS

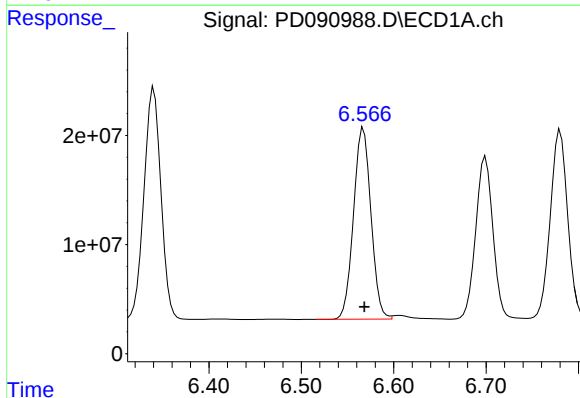
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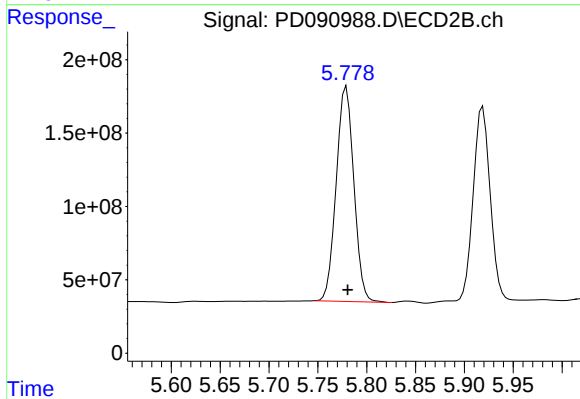
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 1980618192
Conc: 44.83 ng/ml



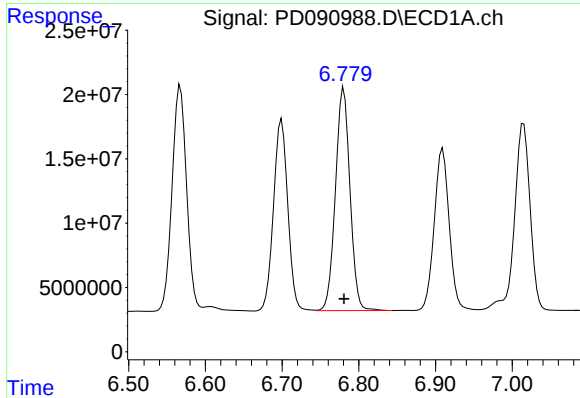
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.001 min
Response: 229932510
Conc: 46.42 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 1844091199
Conc: 45.54 ng/ml



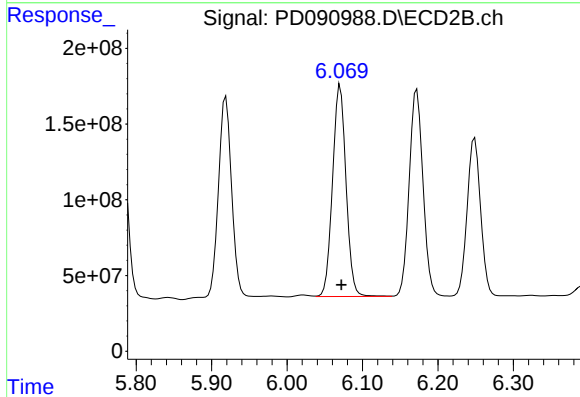
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 228376665
Conc: 45.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MS

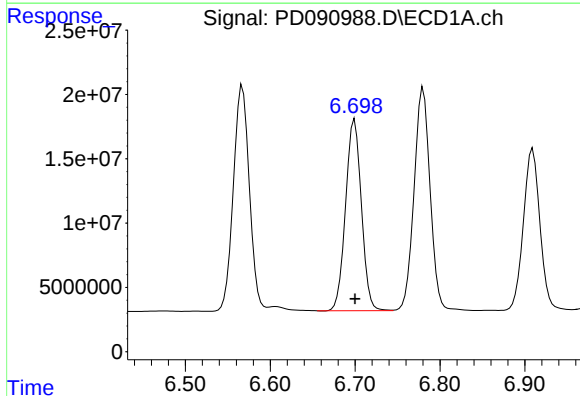
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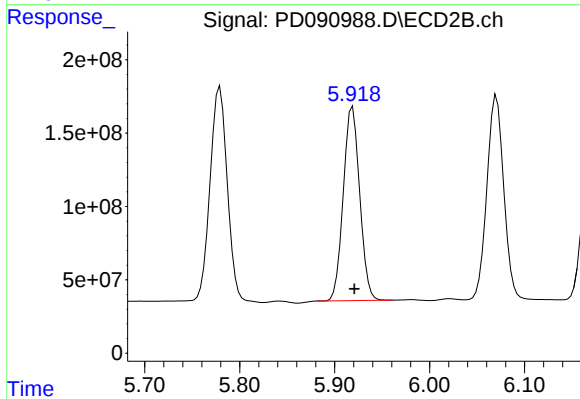
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 1738755866
Conc: 46.30 ng/ml



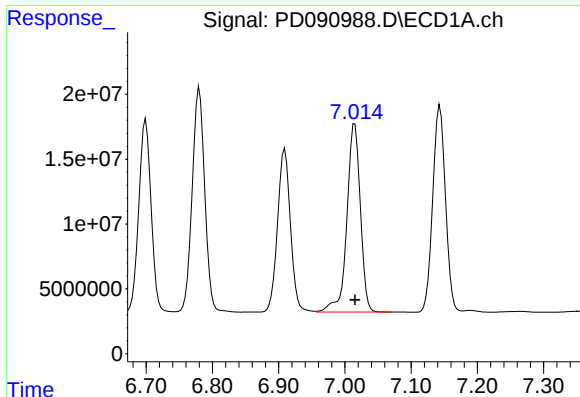
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 192212277
Conc: 47.41 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1589077618
Conc: 43.61 ng/ml



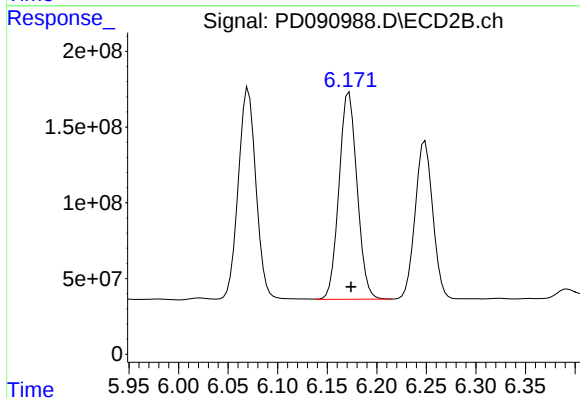
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 205743691
Conc: 50.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MS

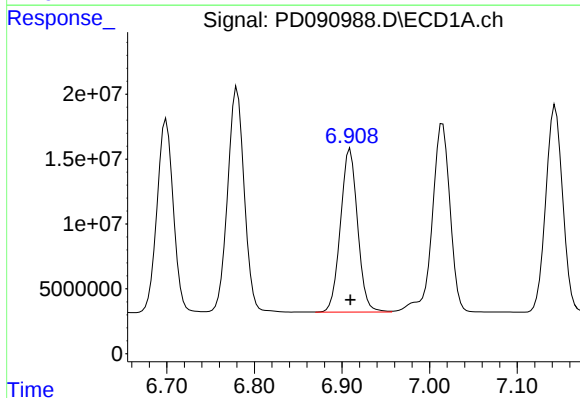
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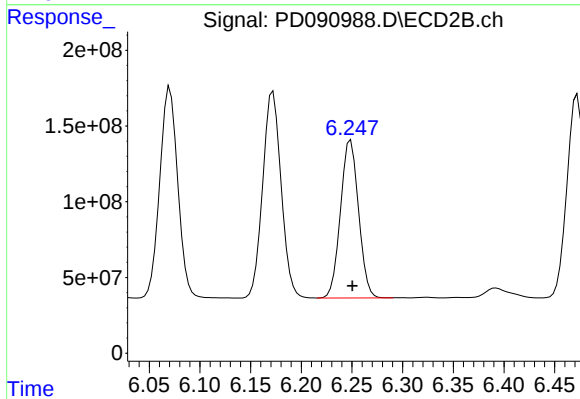
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1733184821
Conc: 49.42 ng/ml



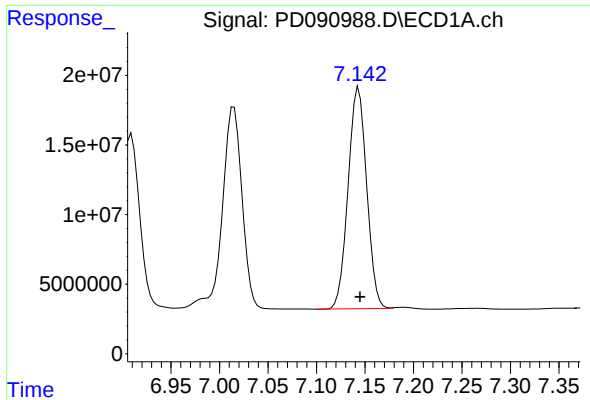
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 171088546
Conc: 46.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 1292167929
Conc: 46.66 ng/ml



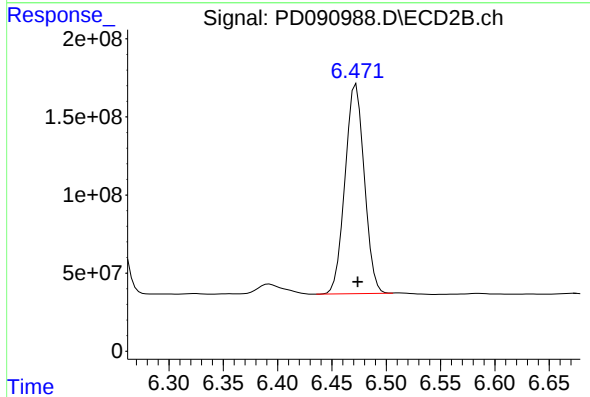
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.001 min
Response: 211643706
Conc: 45.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MS

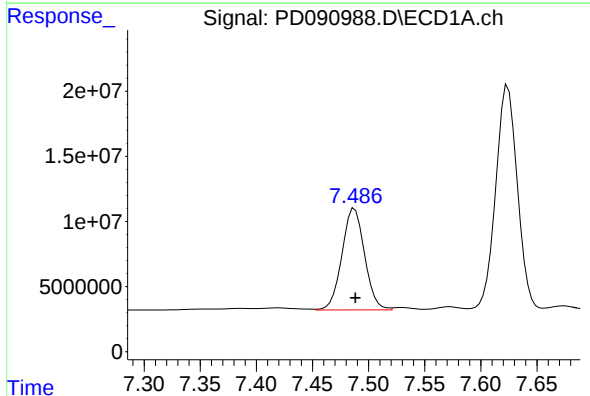
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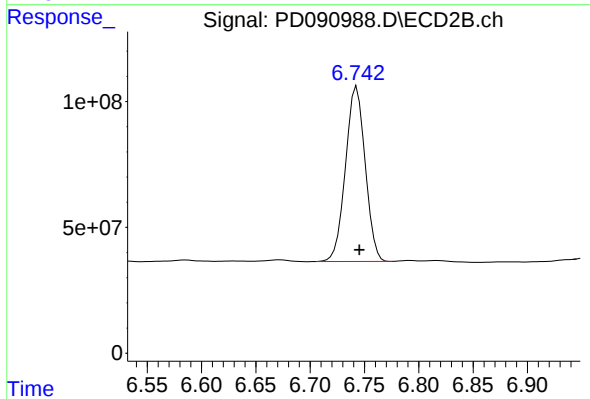
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1657962841
Conc: 46.25 ng/ml



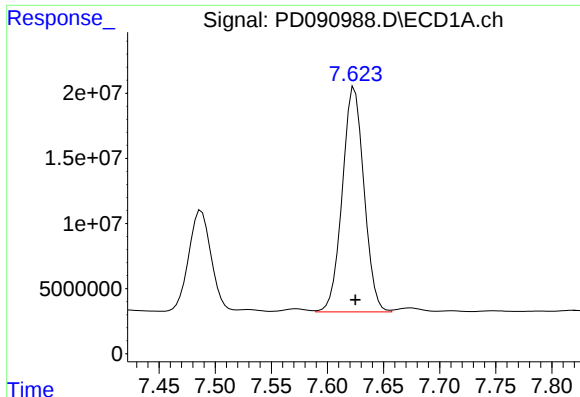
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 109290979
Conc: 51.42 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 877590554
Conc: 50.36 ng/ml



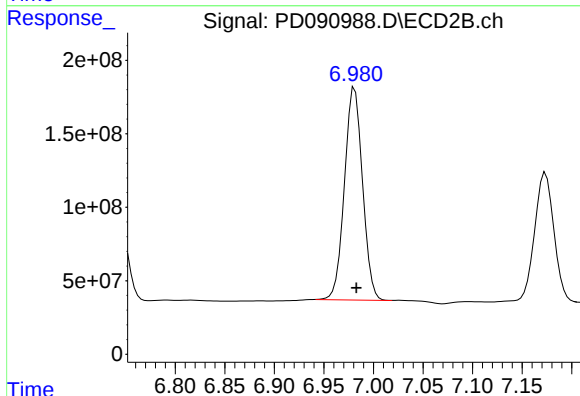
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 232002437
Conc: 47.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MS

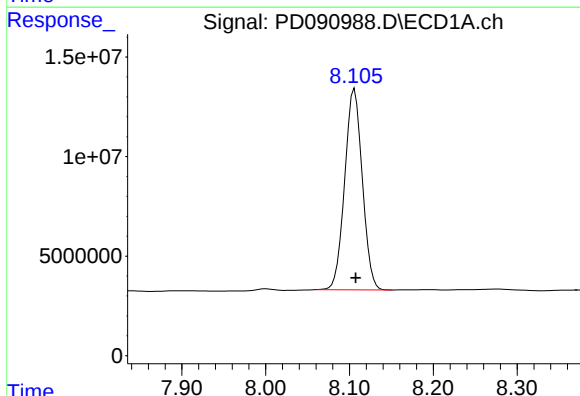
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



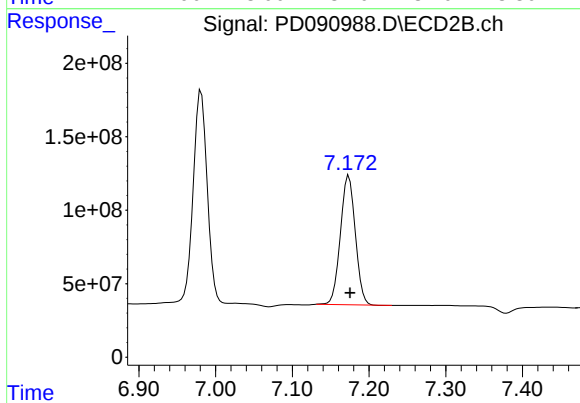
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 1835484199
Conc: 48.66 ng/ml



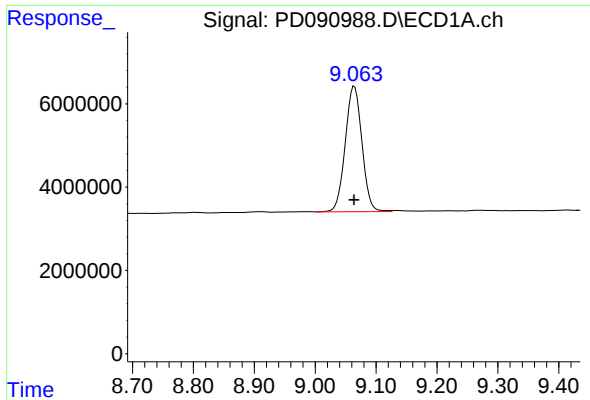
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.001 min
Response: 147452568
Conc: 46.07 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 1189783209
Conc: 46.31 ng/ml



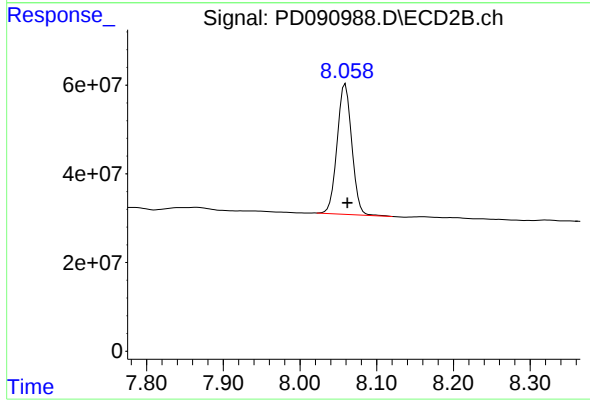
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 57417864
Conc: 12.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MS

Manual Integrations
APPROVED

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Supervised By :Yogesh Patel 11/07/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 389712522
Conc: 12.87 ng/ml