

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD090989.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 13:24
 Operator : AR\AJ
 Sample : Q3544-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ONYX-1MSD

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 00:25:23 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...	3.542	2.874	42015862	419.6E6	13.492m	14.092
2)	SA Decachlor...	9.063	8.058	58409993	400.3E6	12.486	13.214
Target Compounds							
2)	A alpha-BHC	3.993	3.385	347.1E6	2409.3E6	48.365	47.152
3)	MA gamma-BHC...	4.324	3.721	323.6E6	2165.0E6	47.591	45.821
4)	MA Heptachlor	4.921	4.073	328.8E6	2221.8E6	58.815	49.812
5)	MB Aldrin	5.262	4.358	310.0E6	2151.6E6	47.344	46.452
6)	B beta-BHC	4.511	4.017	129.0E6	932.8E6	49.251	47.041
7)	B delta-BHC	4.759	4.253	332.2E6	2222.0E6	49.134	46.567
8)	B Heptachlo...	5.681	4.860	278.2E6	1968.3E6	48.048m	46.163m
9)	A Endosulfan I	6.066	5.235	264.2E6	1839.2E6	47.721	46.691
10)	B gamma-Chl...	5.938	5.113	275.3E6	2079.3E6	46.413	46.260m
11)	B alpha-Chl...	6.019	5.179	290.9E6	2015.4E6	47.073	46.721
12)	B 4,4'-DDE	6.188	5.363	251.1E6	2042.9E6	47.146	46.600
13)	MA Dieldrin	6.339	5.501	280.7E6	2032.1E6	48.141	45.991
14)	MA Endrin	6.566	5.777	238.8E6	1891.5E6	48.200	46.711
15)	B Endosulfa...	6.779	6.069	237.2E6	1793.1E6	47.450	47.746
16)	A 4,4'-DDD	6.698	5.917	199.7E6	1634.2E6	49.246	44.849
17)	MA 4,4'-DDT	7.014	6.171	213.2E6	1780.9E6	51.859	50.777
18)	B Endrin al...	6.908	6.247	177.1E6	1326.6E6	48.355	47.903
19)	B Endosulfa...	7.143	6.471	220.0E6	1703.6E6	47.438	47.528
20)	A Methoxychlor	7.487	6.742	112.2E6	900.8E6	52.785	51.688
21)	B Endrin ke...	7.624	6.980	240.7E6	1890.6E6	49.543	50.124
22)	Mirex	8.106	7.172	151.9E6	1219.1E6	47.466	47.453

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 13:24
Operator : AR\AJ
Sample : Q3544-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

ONYX-1MSD

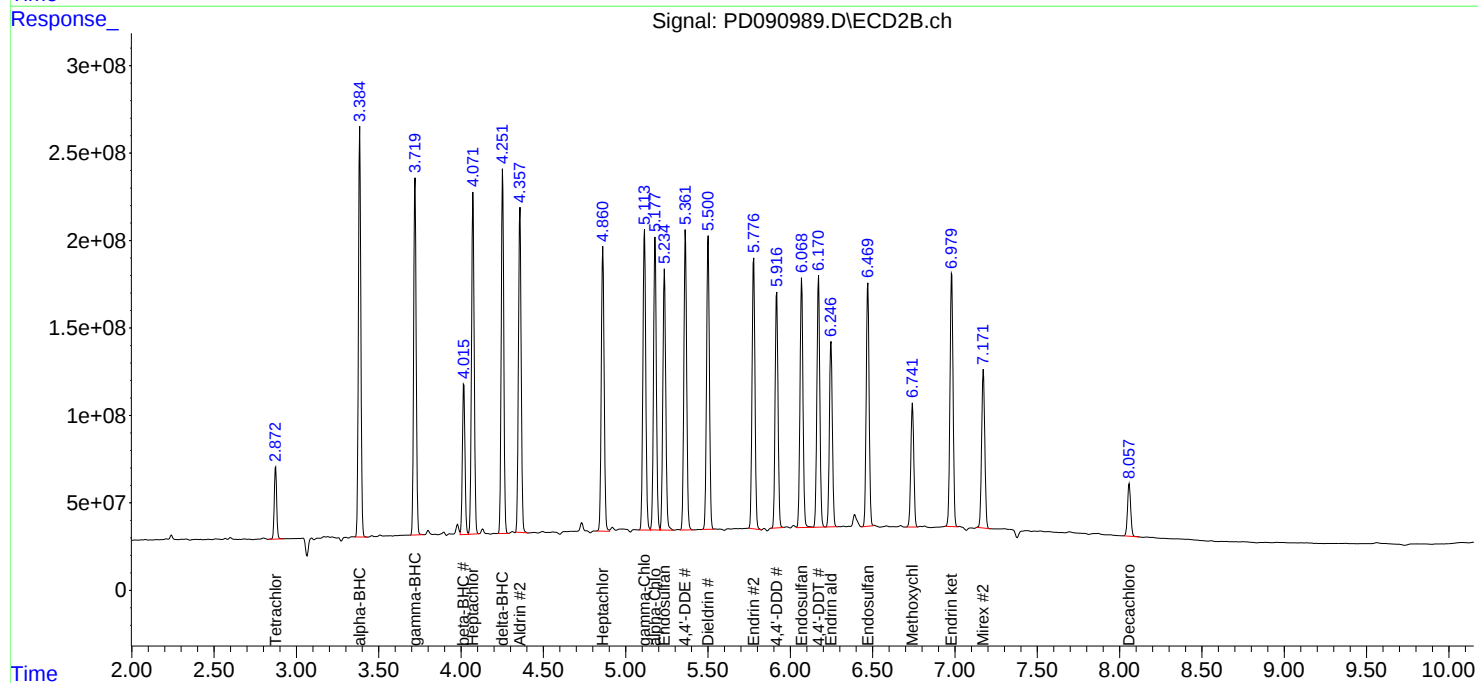
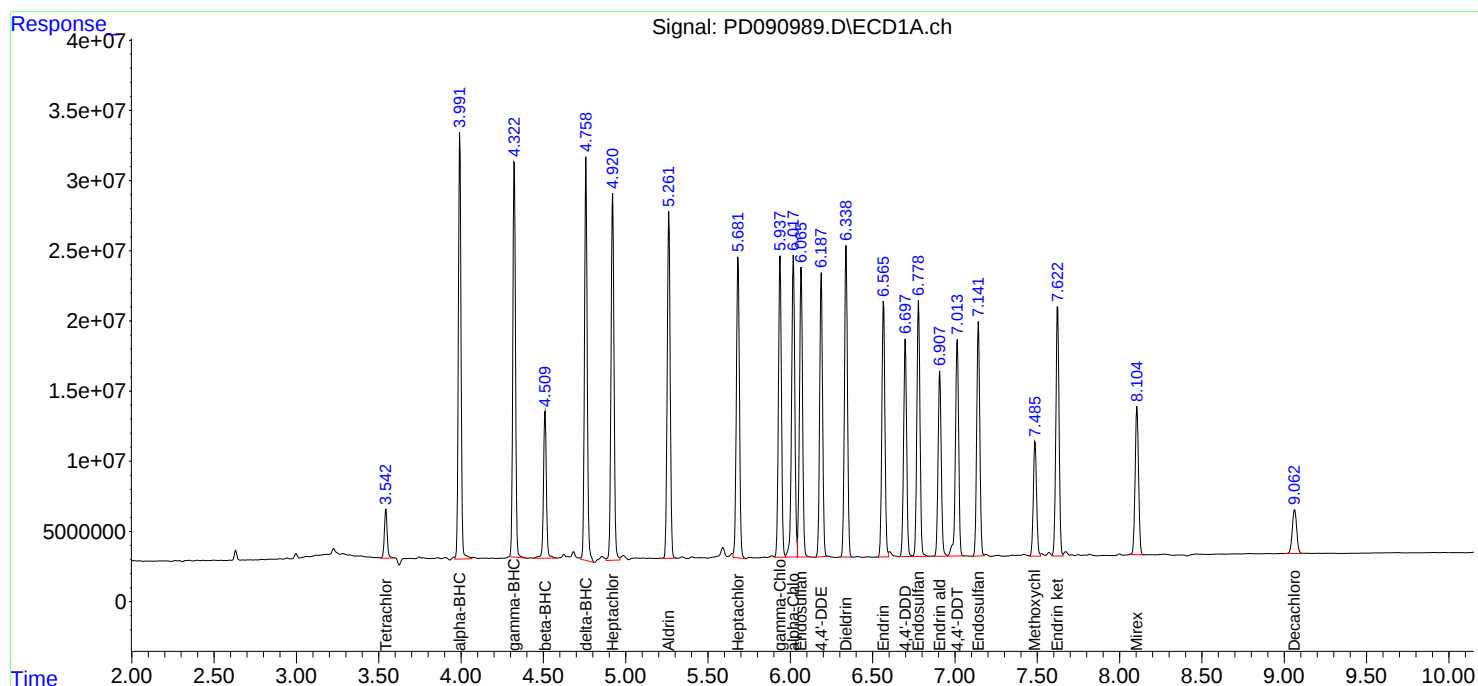
Manual Integrations

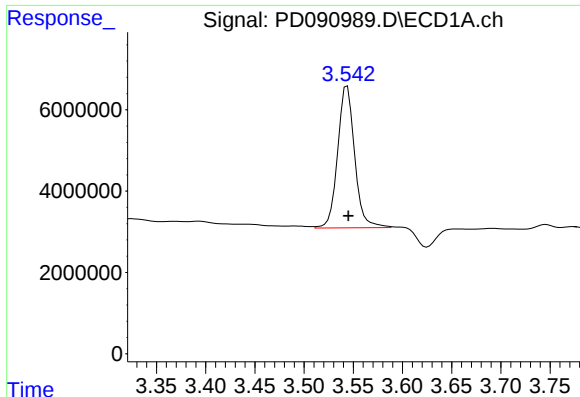
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Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:25:23 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





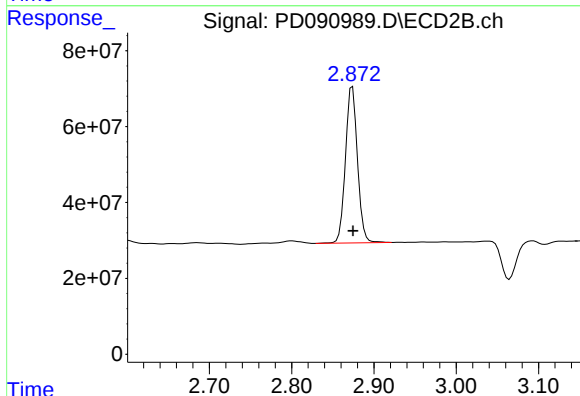
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.003 min
Response: 42015862
Conc: 13.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD

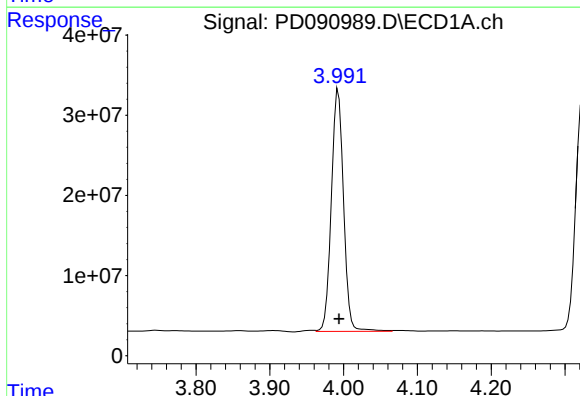
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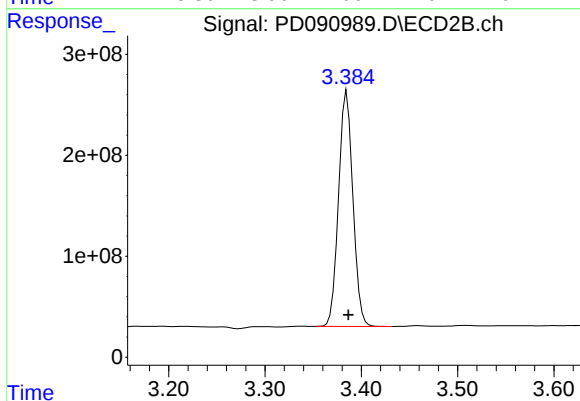
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 419621400
Conc: 14.09 ng/ml



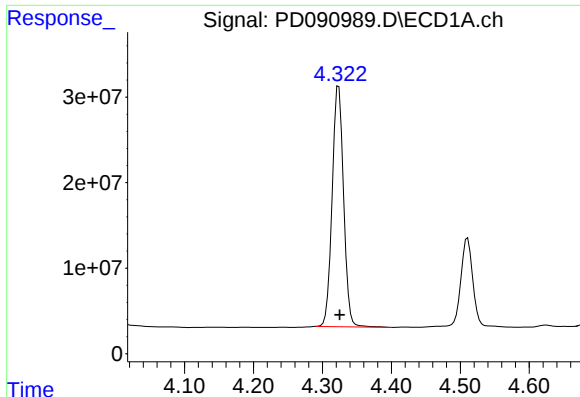
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 347121056
Conc: 48.36 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2409267822
Conc: 47.15 ng/ml



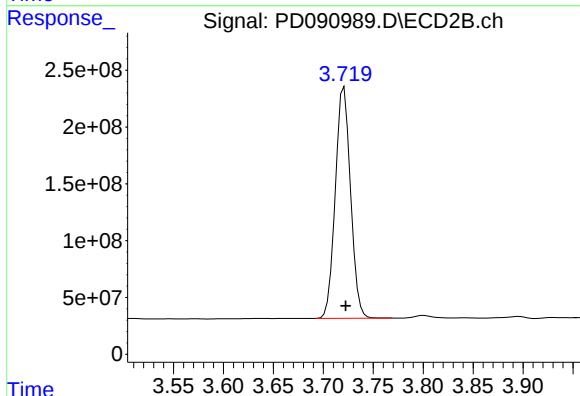
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 323562471
Conc: 47.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD

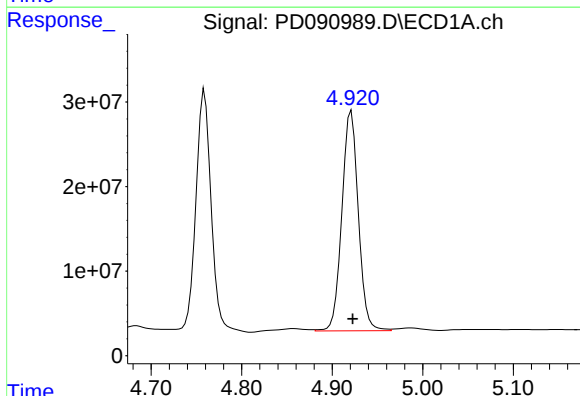
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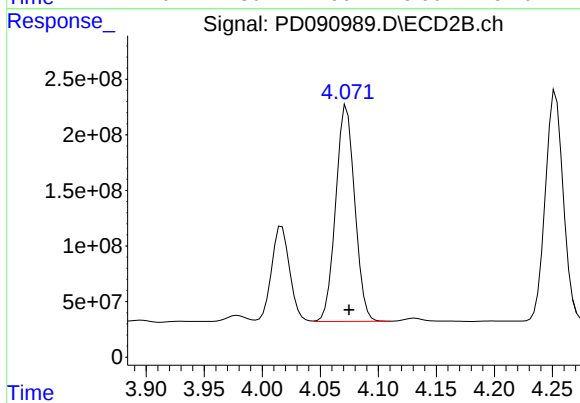
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2164980950
Conc: 45.82 ng/ml



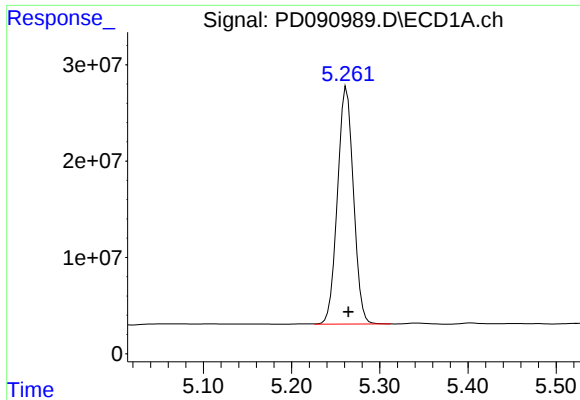
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 328750281
Conc: 58.82 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2221774744
Conc: 49.81 ng/ml



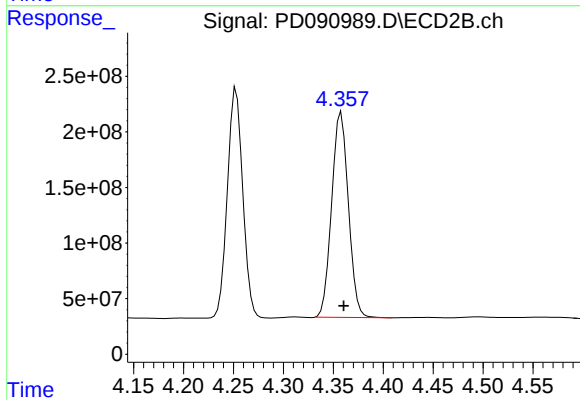
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 309972845
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD

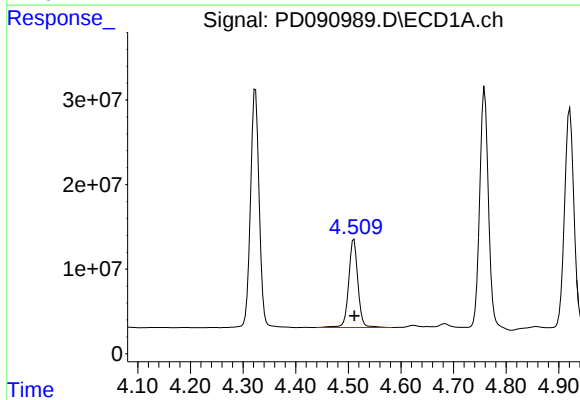
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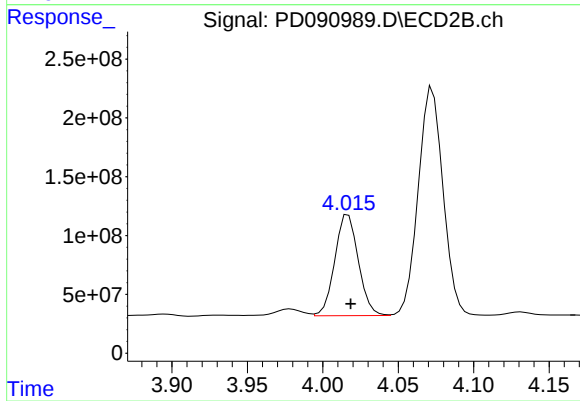
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.003 min
Response: 2151613115
Conc: 46.45 ng/ml



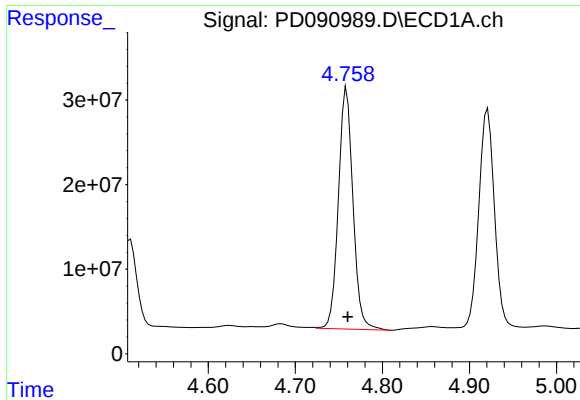
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 129018635
Conc: 49.25 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 932800655
Conc: 47.04 ng/ml



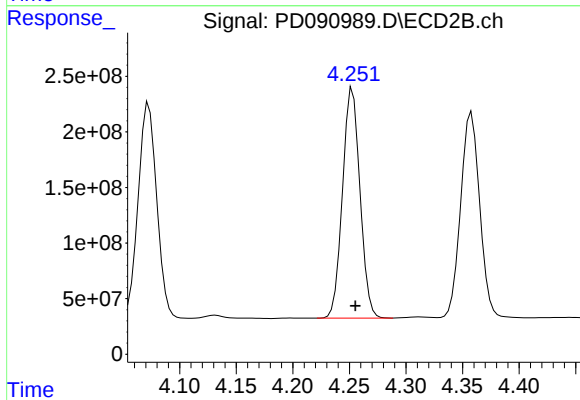
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 332228883
Conc: 49.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD

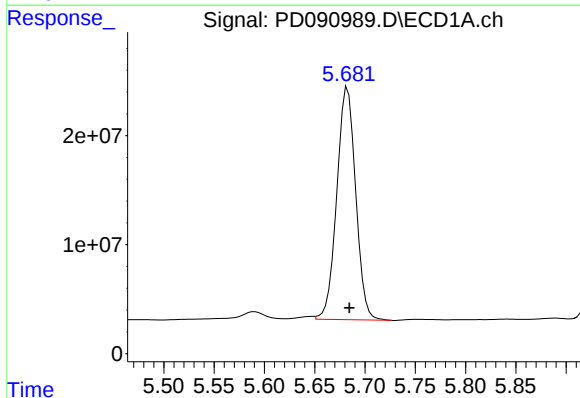
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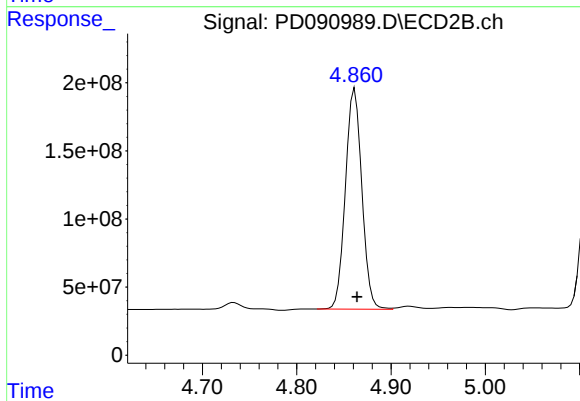
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 222200528
Conc: 46.57 ng/ml



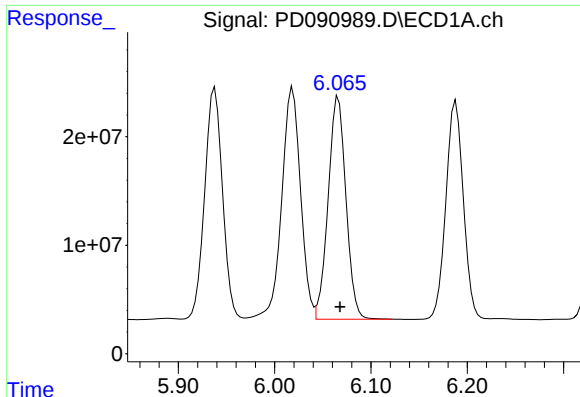
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.003 min
Response: 278152215
Conc: 48.05 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.004 min
Response: 1968345477
Conc: 46.16 ng/ml m



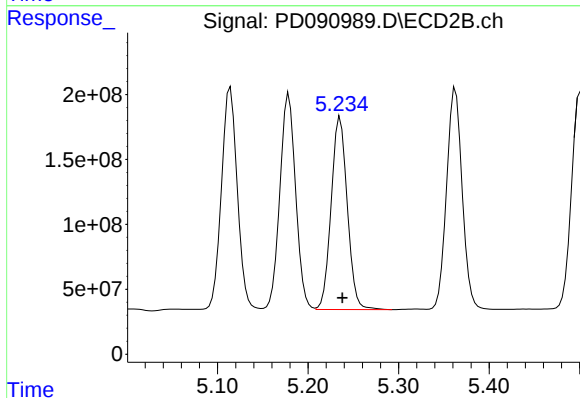
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 264213946
Conc: 47.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD

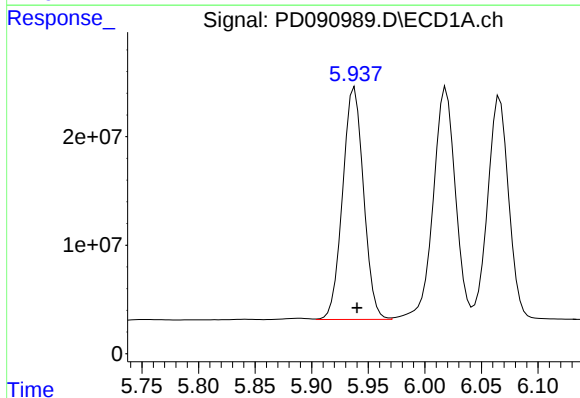
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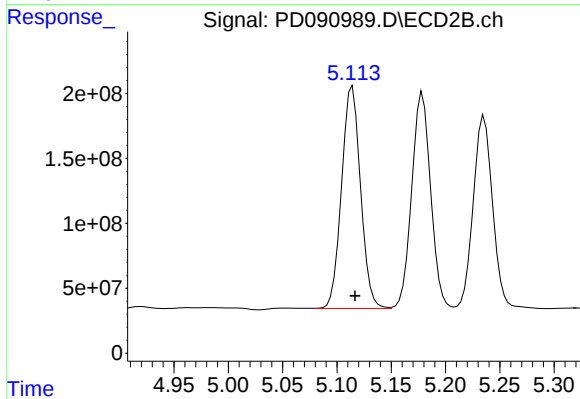
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 1839187131
Conc: 46.69 ng/ml



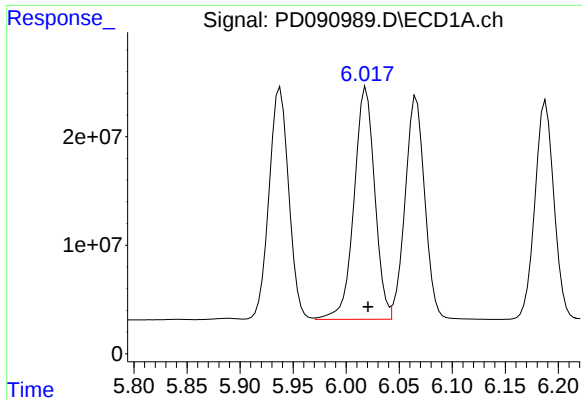
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 275285382
Conc: 46.41 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.004 min
Response: 2079335289
Conc: 46.26 ng/ml m



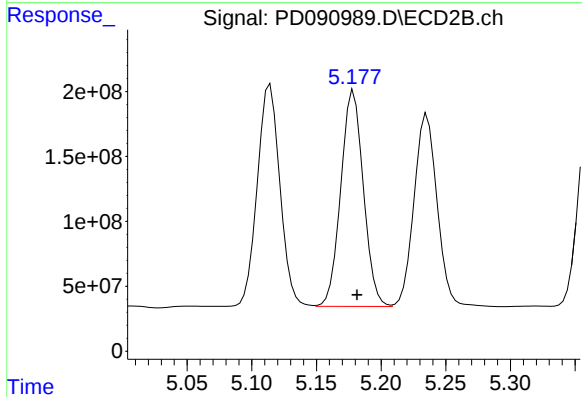
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 290922538
Conc: 47.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD

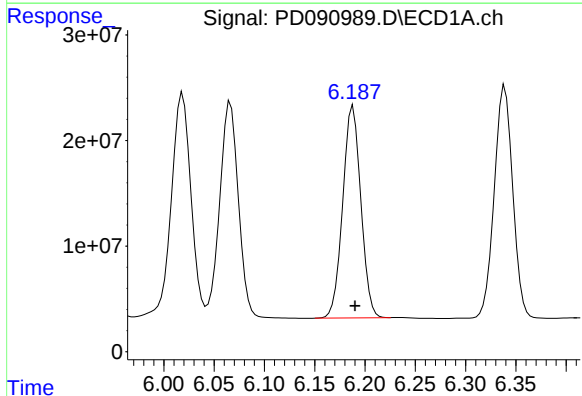
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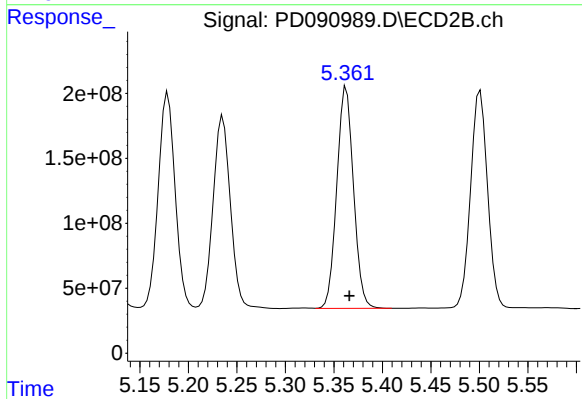
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 2015427655
Conc: 46.72 ng/ml



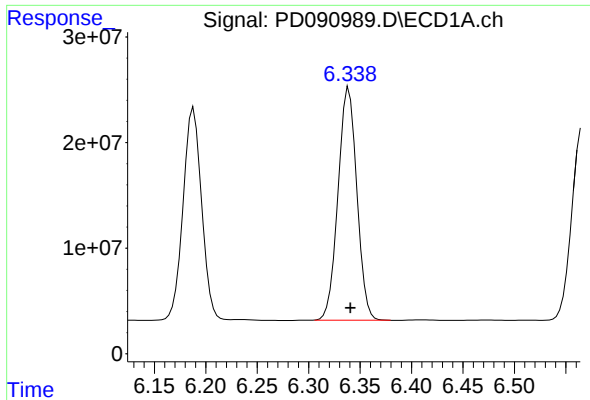
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 251130812
Conc: 47.15 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 2042852917
Conc: 46.60 ng/ml



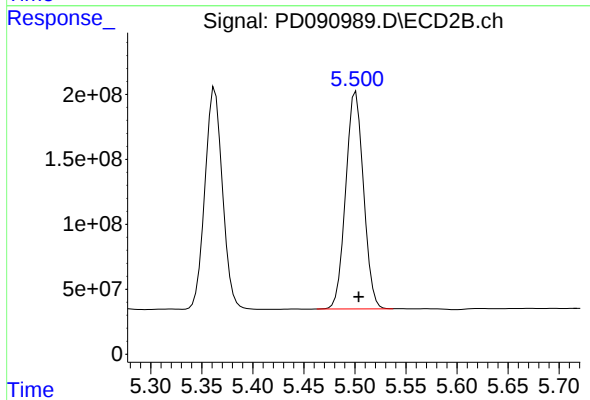
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 280727906
Conc: 48.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD

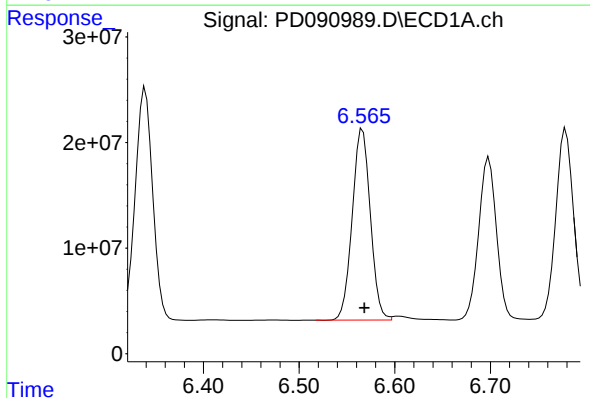
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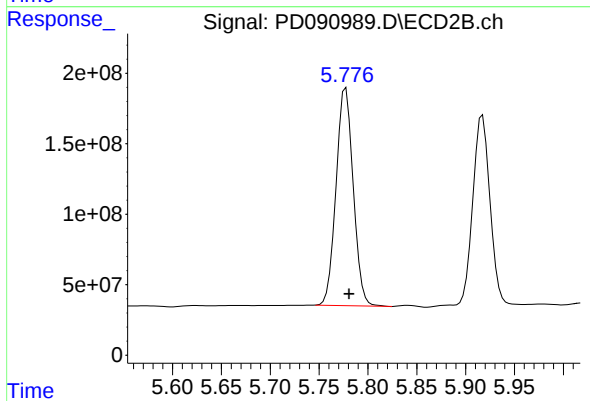
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 2032070151
Conc: 45.99 ng/ml



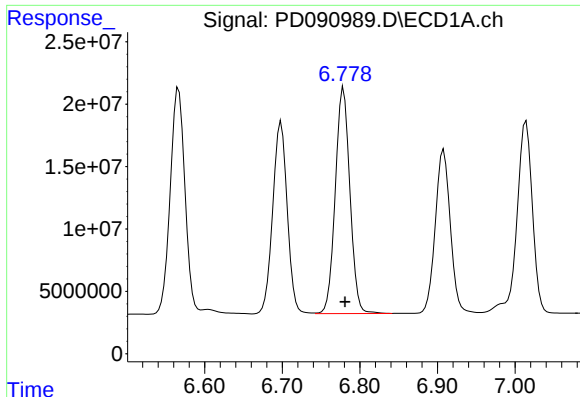
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 238768236
Conc: 48.20 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: -0.003 min
Response: 1891504694
Conc: 46.71 ng/ml



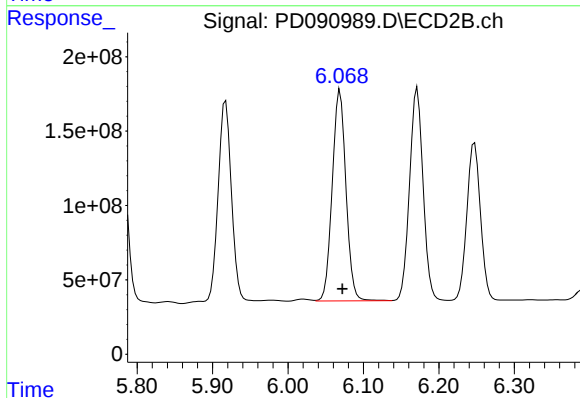
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 237249728
Conc: 47.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD

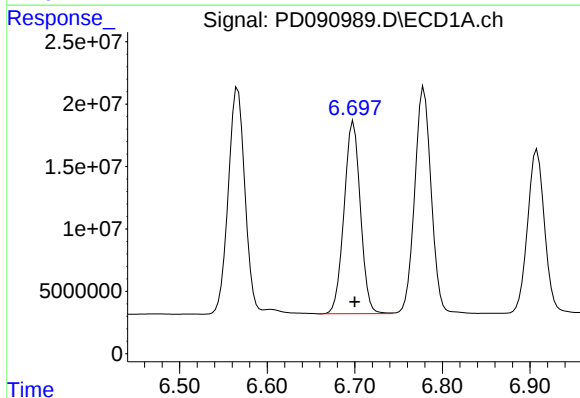
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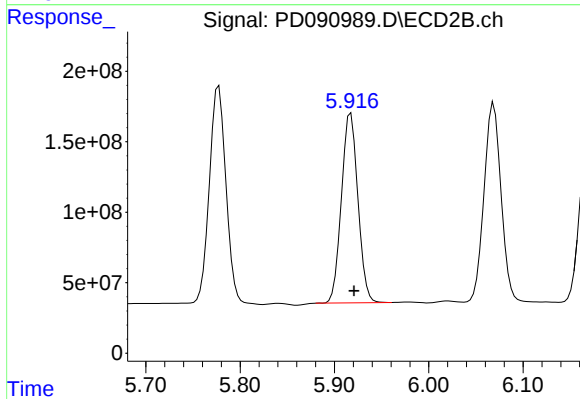
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 1793111256
Conc: 47.75 ng/ml



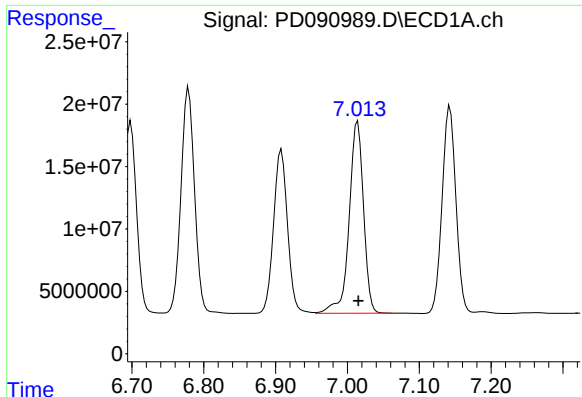
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 199655345
Conc: 49.25 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 1634210043
Conc: 44.85 ng/ml



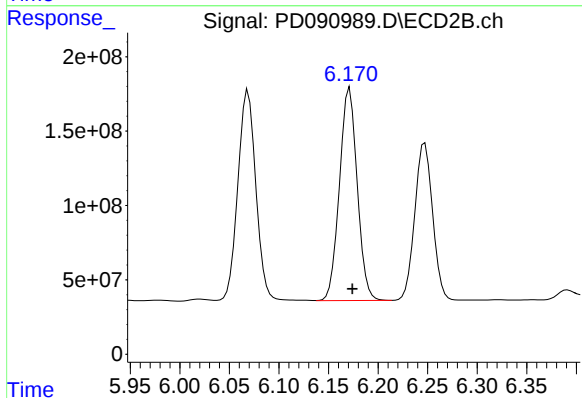
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 213166093
Conc: 51.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD

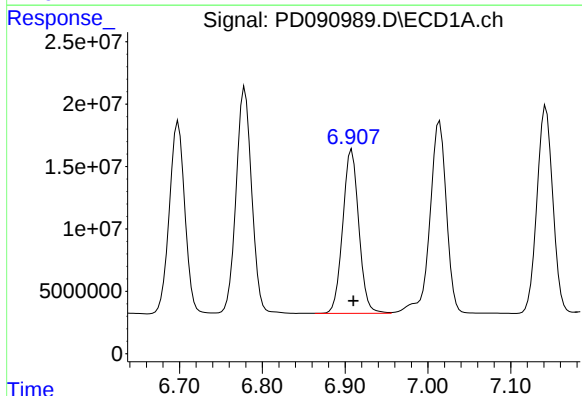
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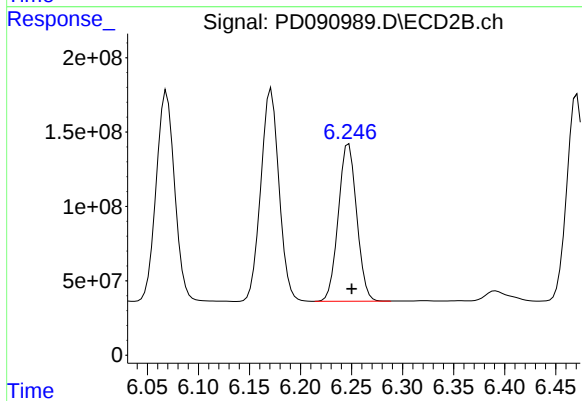
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1780892069
Conc: 50.78 ng/ml



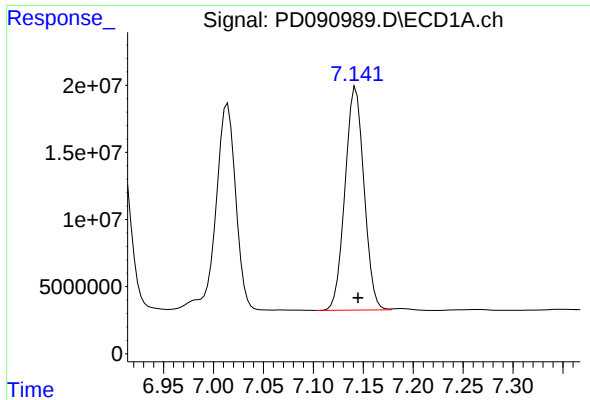
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 177109036
Conc: 48.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 1326557116
Conc: 47.90 ng/ml



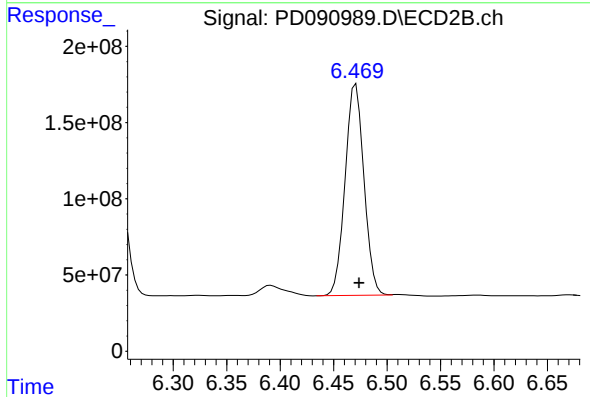
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 220024741
Conc: 47.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD

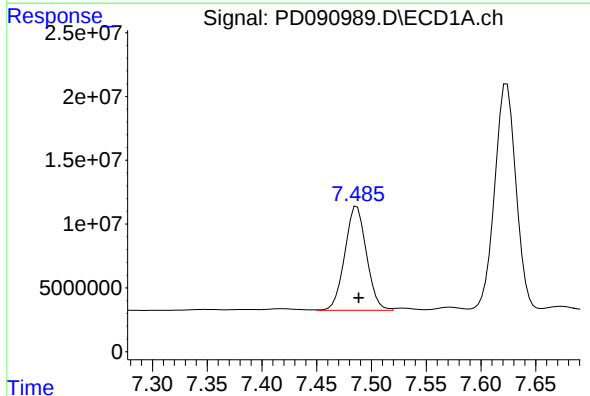
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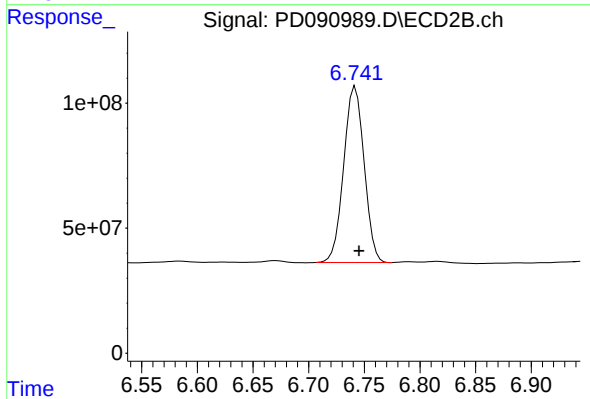
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1703625244
Conc: 47.53 ng/ml



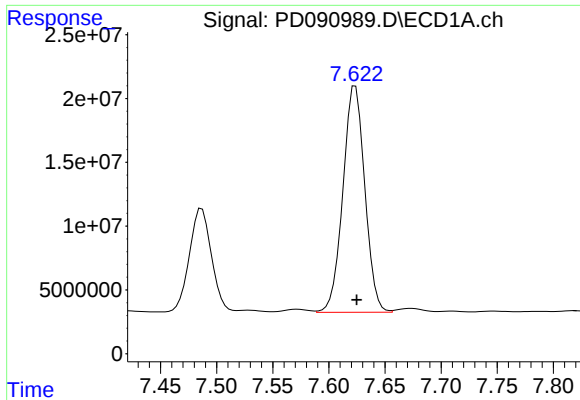
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 112199494
Conc: 52.79 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 900811418
Conc: 51.69 ng/ml



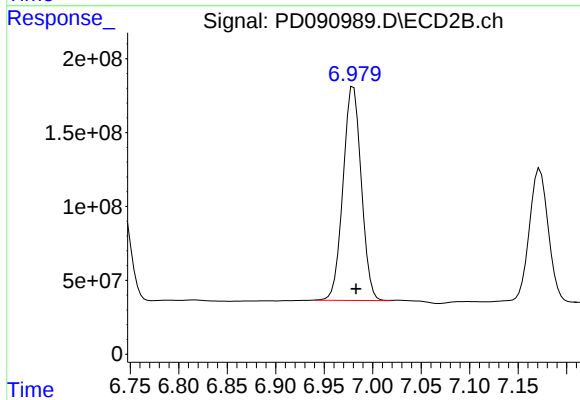
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: -0.001 min
Response: 240722019
Conc: 49.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD

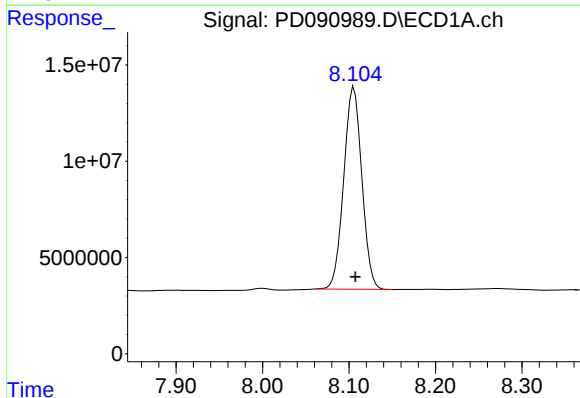
Manual Integrations
APPROVED

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



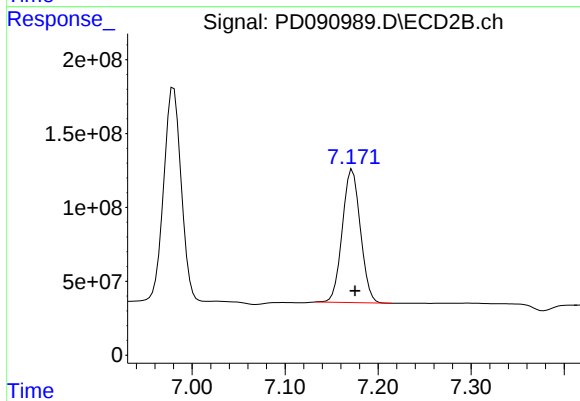
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 1890568359
Conc: 50.12 ng/ml



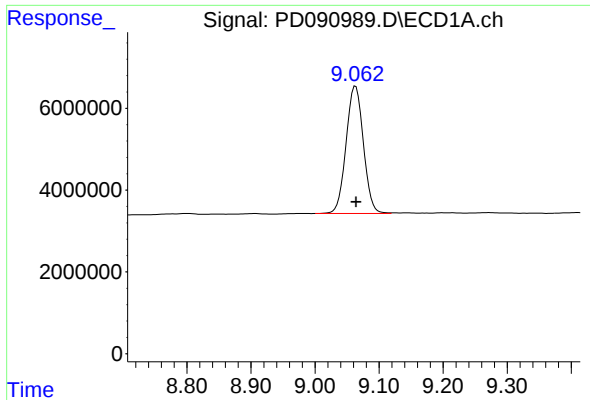
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.002 min
Response: 151931002
Conc: 47.47 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 1219104494
Conc: 47.45 ng/ml



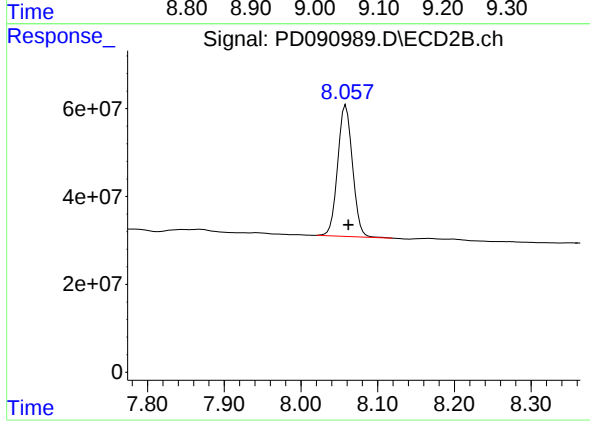
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 58409993
Conc: 12.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 400279019
Conc: 13.21 ng/ml