

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
 Data File : PD090946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 12:06
 Operator : AR\AJ
 Sample : Q3368-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OUTSIDE-DUMPSTERMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/05/2025
 Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:31:24 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	2.873	41471239	450.3E6	13.317m	15.121m
2)	SA Decachlor...	9.064	8.058	45334724	212.4E6	9.691	7.012m#
Target Compounds							
2)	A alpha-BHC	3.993	3.386	314.1E6	2156.9E6	43.764	42.213
3)	MA gamma-BHC...	4.323	3.722	291.1E6	1935.6E6	42.819	40.967
4)	MA Heptachlor	4.921	4.073	271.6E6	1855.9E6	48.594	41.611
5)	MB Aldrin	5.263	4.358	246.0E6	1721.6E6	37.566	37.169
6)	B beta-BHC	4.511	4.017	108.7E6	865.2E6	41.506	43.631
7)	B delta-BHC	4.759	4.253	303.2E6	1938.0E6	44.842	40.614
8)	B Heptachlo...	5.683	4.862	217.5E6	1490.8E6	37.579	34.964
9)	A Endosulfan I	6.066	5.237	158.5E6	1309.0E6	28.635	33.233
10)	B gamma-Chl...	5.938	5.115	212.4E6	1353.6E6	35.813	30.114
11)	B alpha-Chl...	6.019	5.180	196.5E6	1462.1E6	31.799	33.893
12)	B 4,4'-DDE	6.189	5.362	185.5E6	1426.7E6	34.816	32.545m
13)	MA Dieldrin	6.339	5.502	205.1E6	1454.6E6	35.178	32.922
14)	MA Endrin	6.566	5.779	177.1E6	1274.9E6	35.747	31.483
15)	B Endosulfa...	6.780	6.070	174.2E6	1080.5E6	34.830	28.772
16)	A 4,4'-DDD	6.699	5.919	140.6E6	968.8E6	34.689	26.588
17)	MA 4,4'-DDT	7.014	6.172	151.1E6	1031.3E6	36.757	29.404
18)	B Endrin al...	6.909	6.249	130.8E6	778.8E6	35.699	28.124
19)	B Endosulfa...	7.143	6.472	150.3E6	1007.7E6	32.409	28.112
20)	A Methoxychlor	7.487	6.742	77756108	506.6E6	36.581	29.070
21)	B Endrin ke...	7.624	6.981	168.6E6	984.4E6	34.708	26.100
22)	Mirex	8.106	7.173	100.5E6	617.2E6	31.396	24.025

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:06
Operator : AR\AJ
Sample : Q3368-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

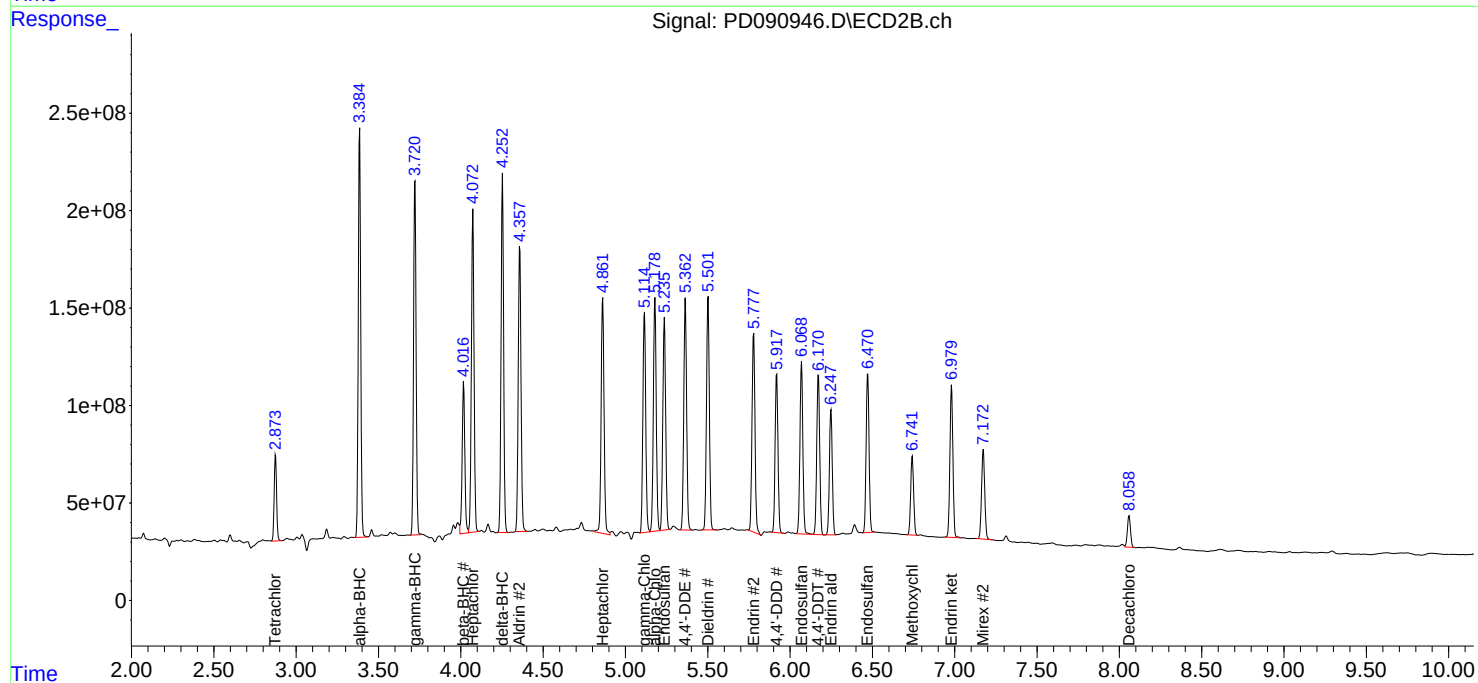
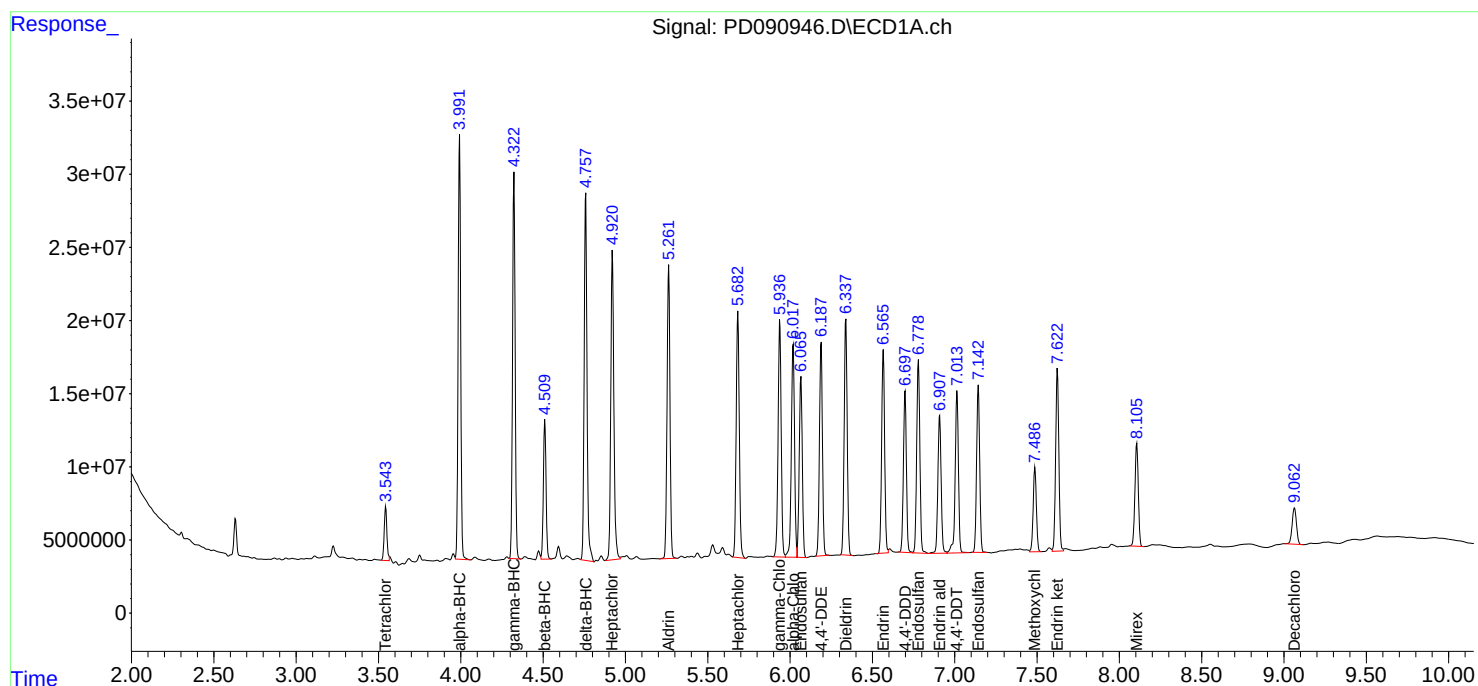
Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

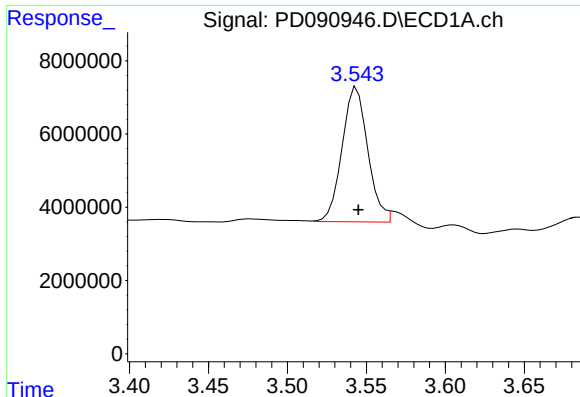
Manual Integrations
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Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:31:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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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





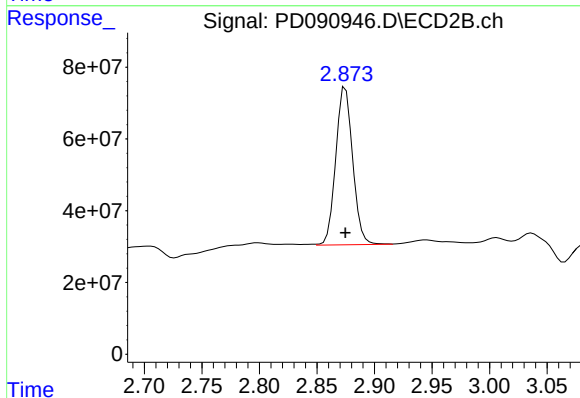
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 41471239
Conc: 13.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

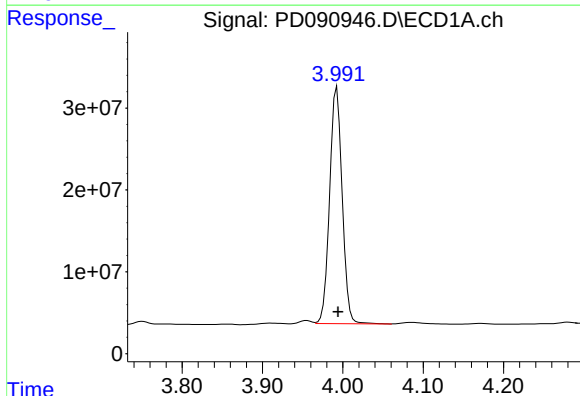
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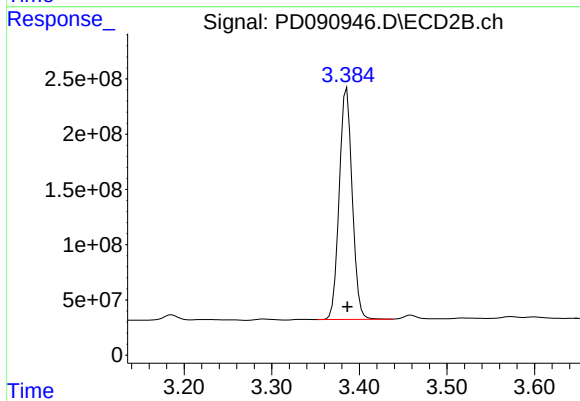
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 450264459
Conc: 15.12 ng/ml m



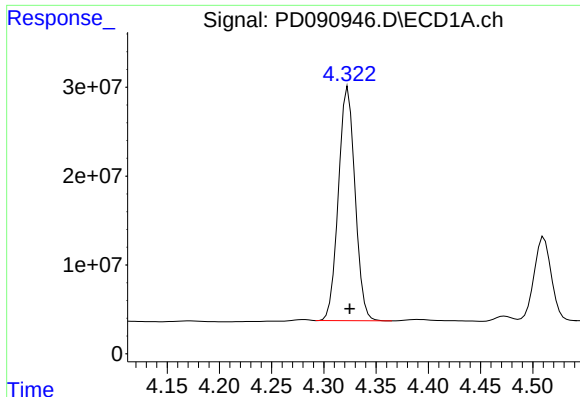
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 314097273
Conc: 43.76 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2156913927
Conc: 42.21 ng/ml



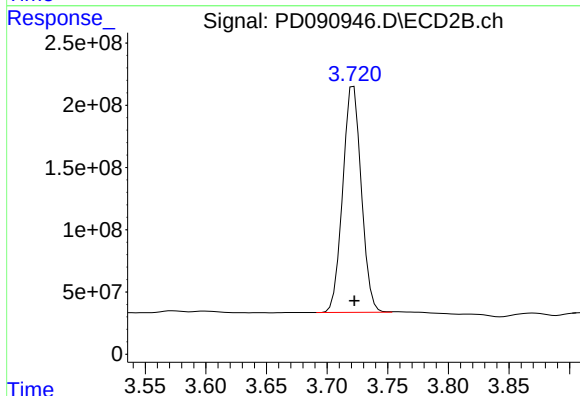
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 291119651
Conc: 42.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

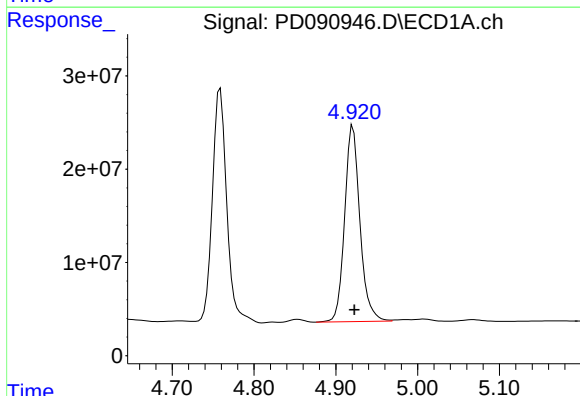
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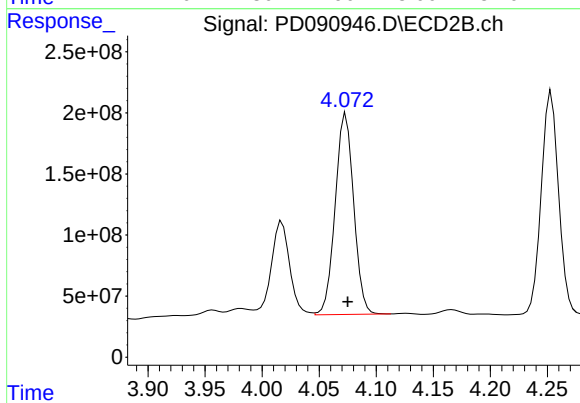
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 1935647119
Conc: 40.97 ng/ml



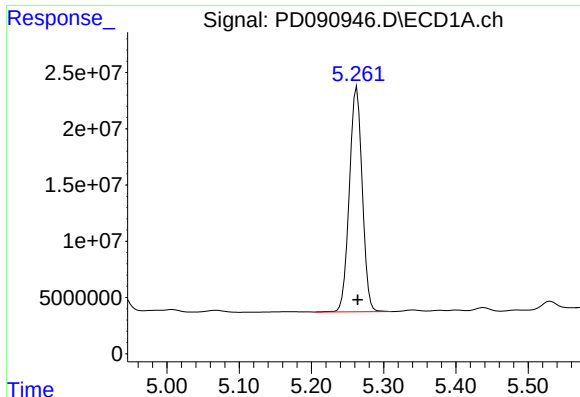
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 271620778
Conc: 48.59 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.001 min
Response: 1855949273
Conc: 41.61 ng/ml



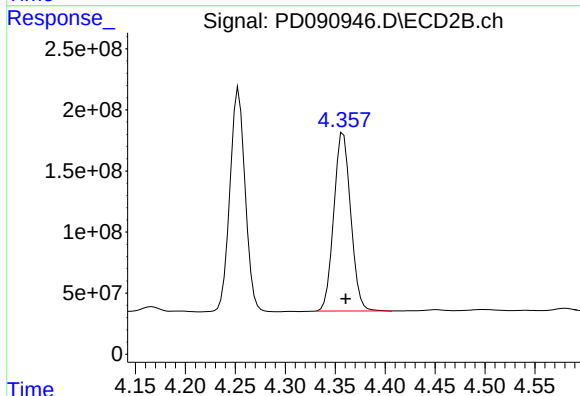
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 245956268
Conc: 37.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

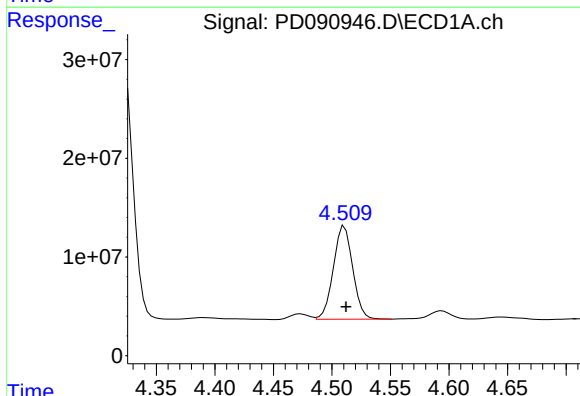
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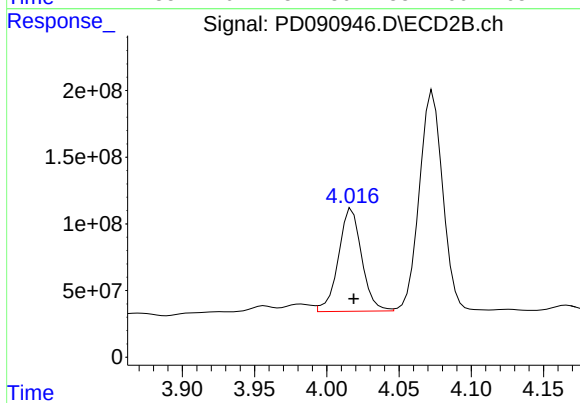
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 1721638061
Conc: 37.17 ng/ml



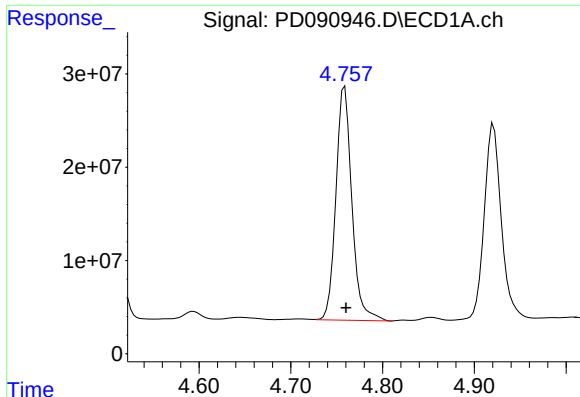
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 108729137
Conc: 41.51 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 865178564
Conc: 43.63 ng/ml



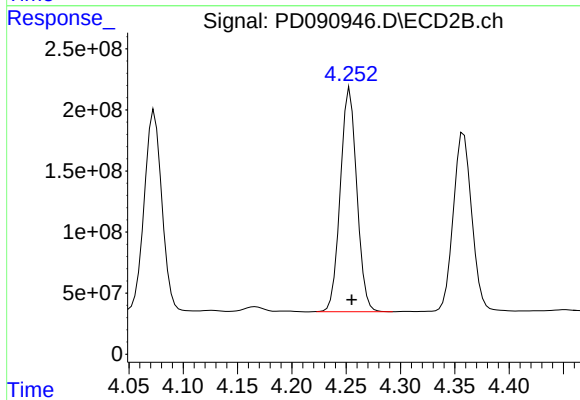
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 303208844
Conc: 44.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

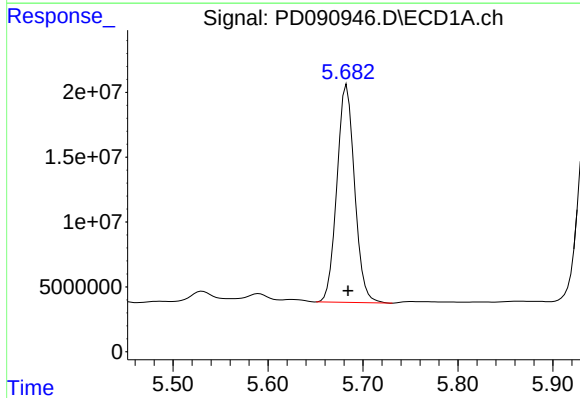
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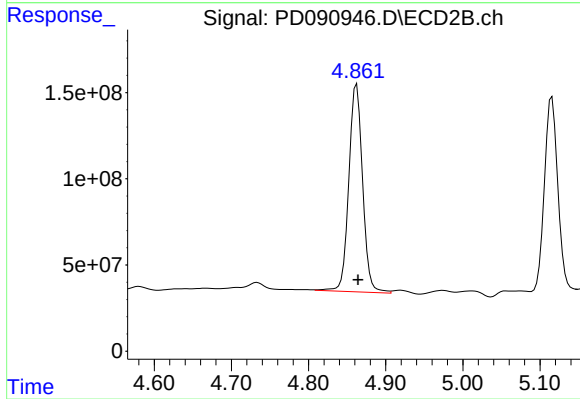
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 1937954288
Conc: 40.61 ng/ml



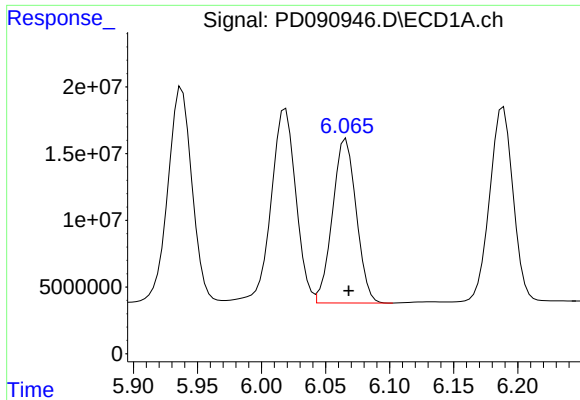
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.001 min
Response: 217544907
Conc: 37.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 1490849467
Conc: 34.96 ng/ml



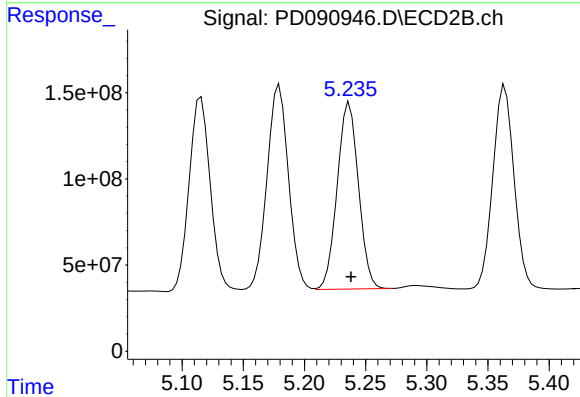
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 158541708
Conc: 28.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

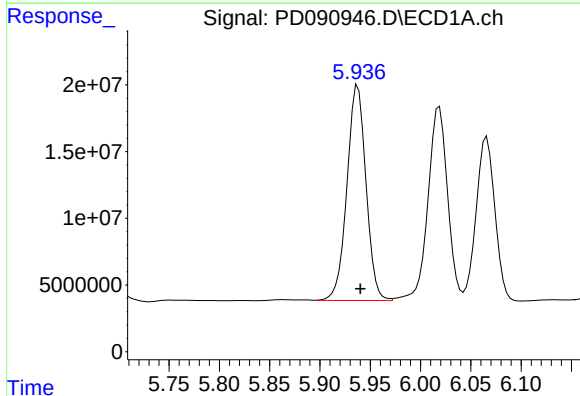
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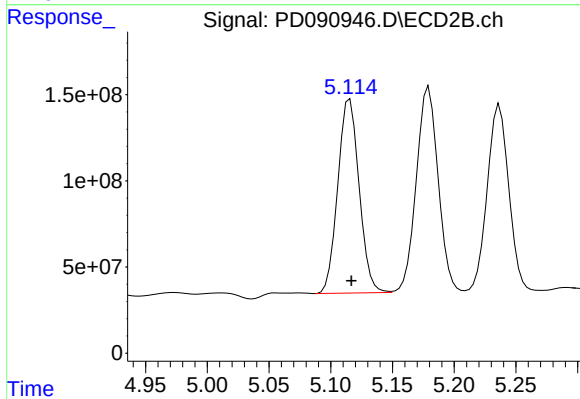
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1309043350
Conc: 33.23 ng/ml



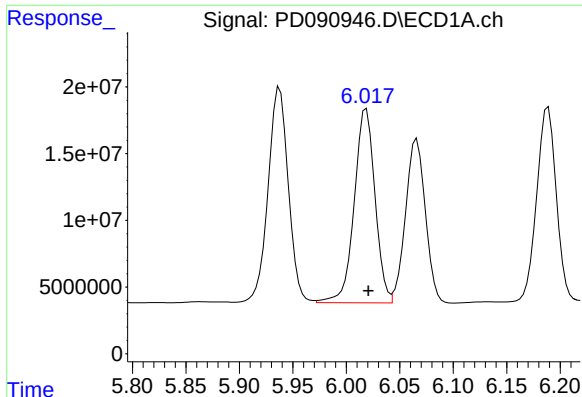
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 212410543
Conc: 35.81 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 1353611332
Conc: 30.11 ng/ml



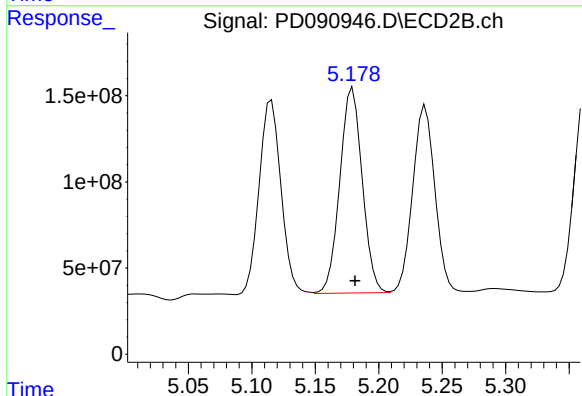
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 196528863
Conc: 31.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

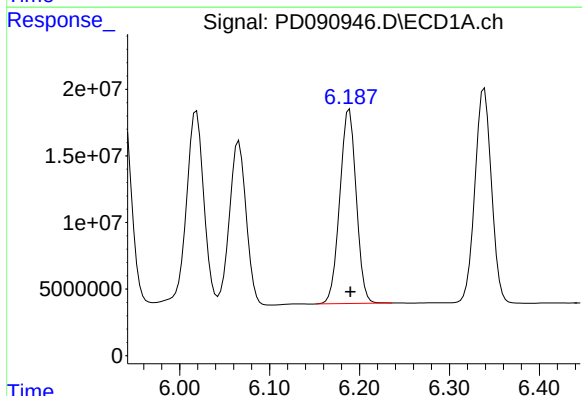
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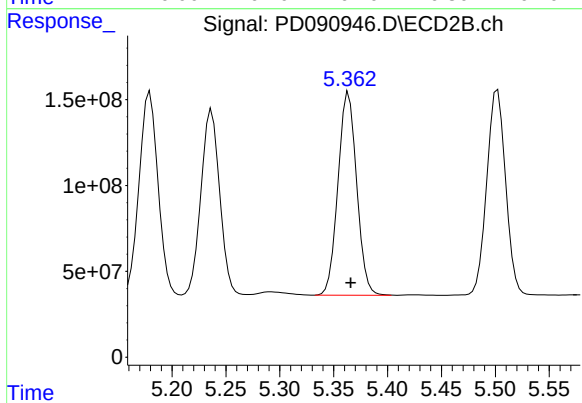
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 1462062713
Conc: 33.89 ng/ml



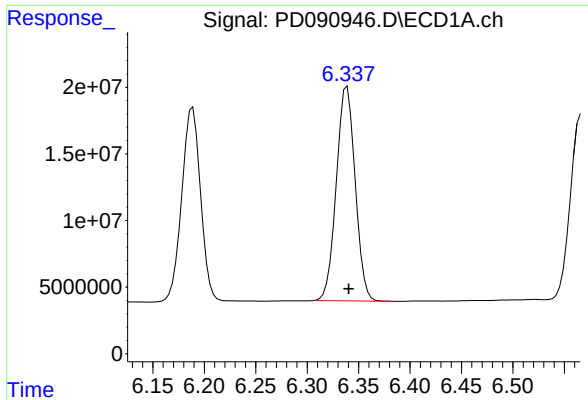
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 185451689
Conc: 34.82 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.003 min
Response: 1426700899
Conc: 32.54 ng/ml m



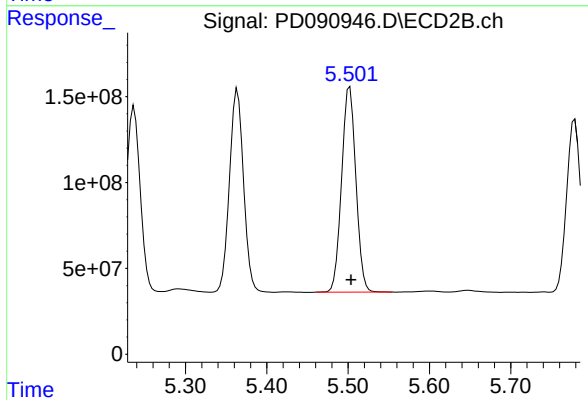
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.002 min
Response: 205135857
Conc: 35.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

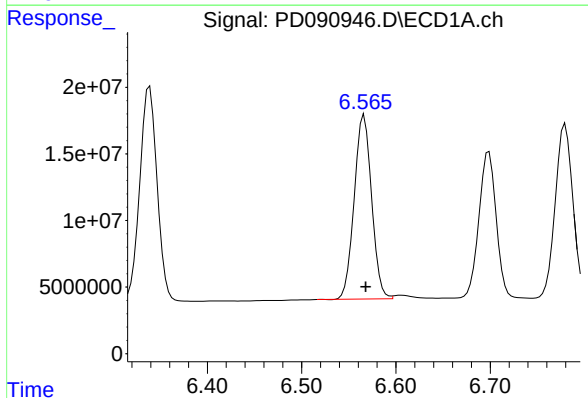
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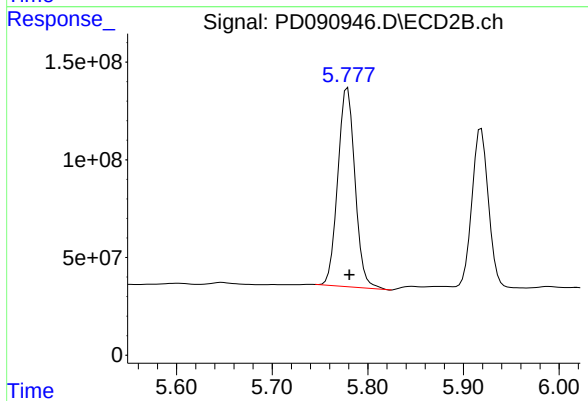
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 1454634142
Conc: 32.92 ng/ml



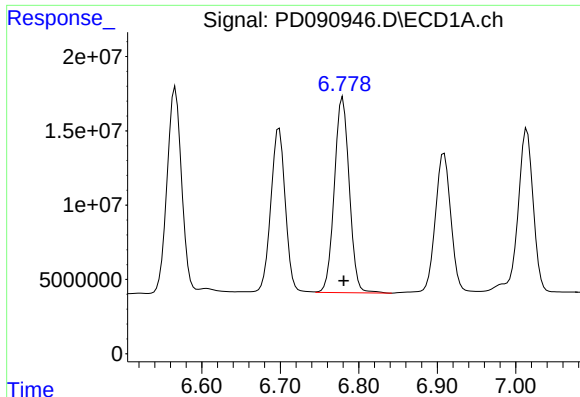
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 177077671
Conc: 35.75 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 1274880009
Conc: 31.48 ng/ml



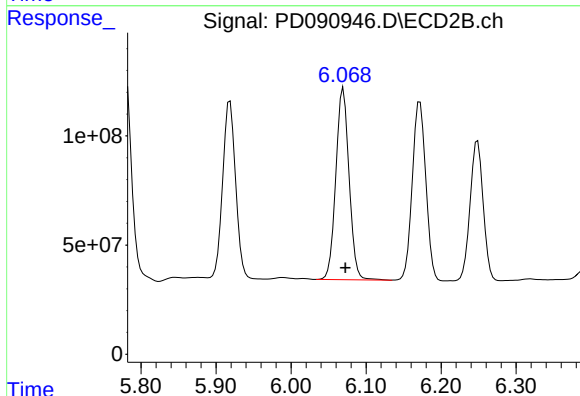
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: 174150825
Conc: 34.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

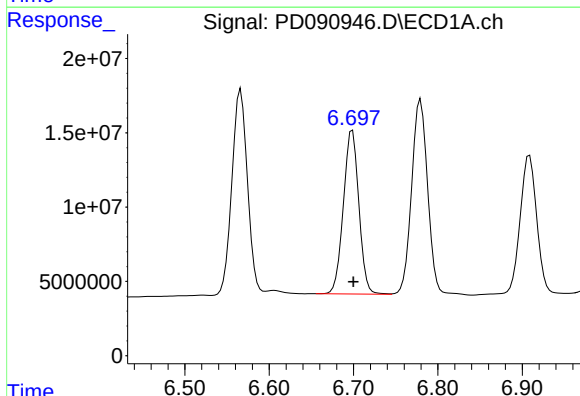
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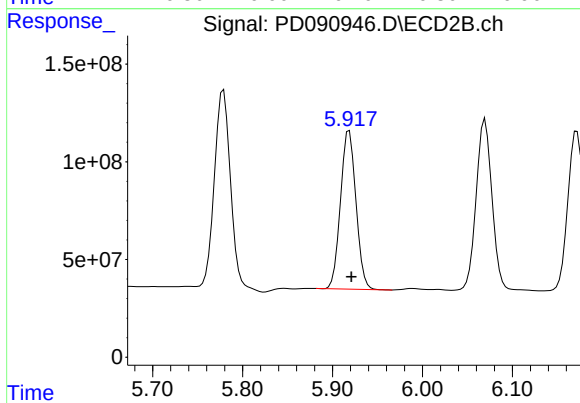
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 1080531231
Conc: 28.77 ng/ml



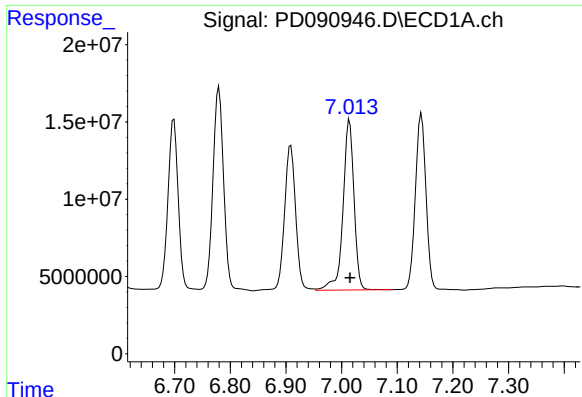
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.001 min
Response: 140636926
Conc: 34.69 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 968816513
Conc: 26.59 ng/ml



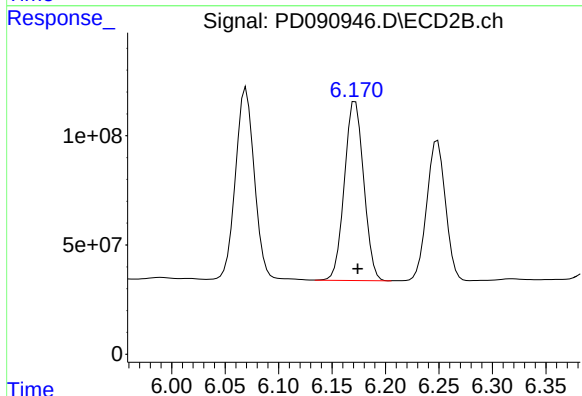
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 151090568
Conc: 36.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

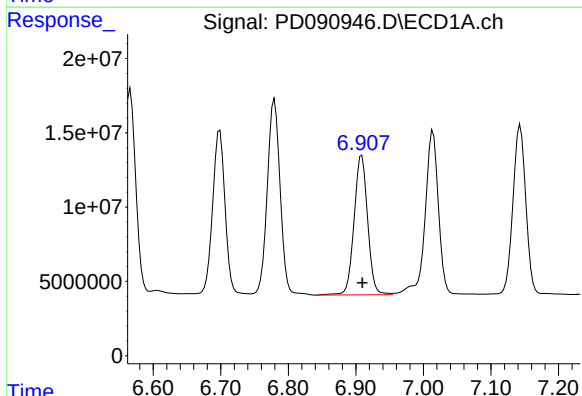
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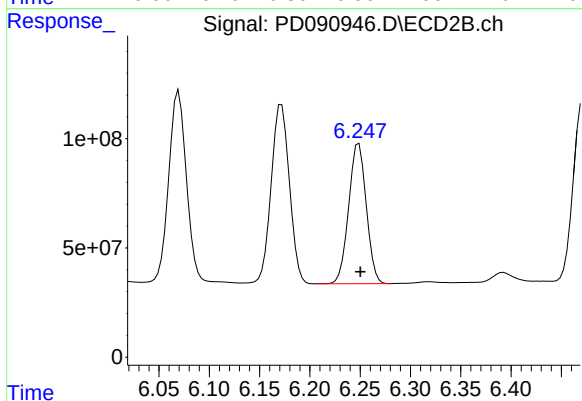
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1031291173
Conc: 29.40 ng/ml



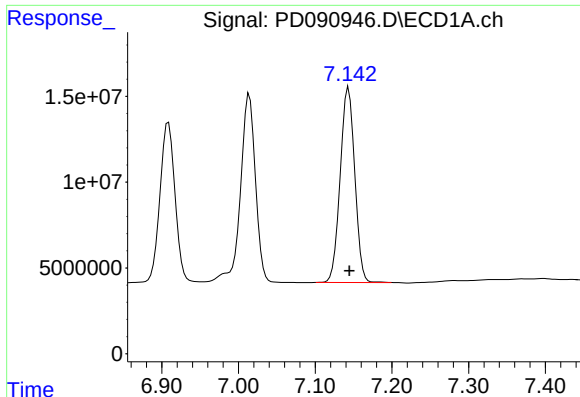
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: -0.001 min
Response: 130755528
Conc: 35.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 778826319
Conc: 28.12 ng/ml



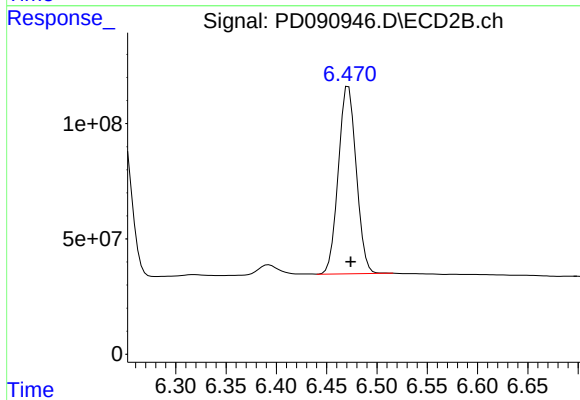
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.001 min
Response: 150319712
Conc: 32.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

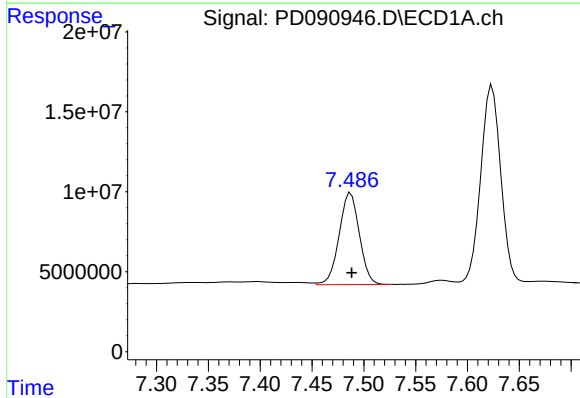
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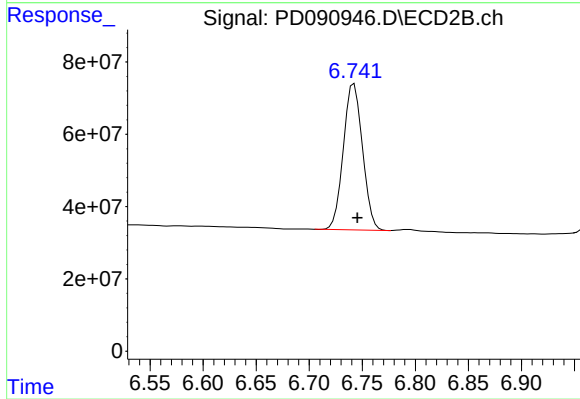
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1007666419
Conc: 28.11 ng/ml



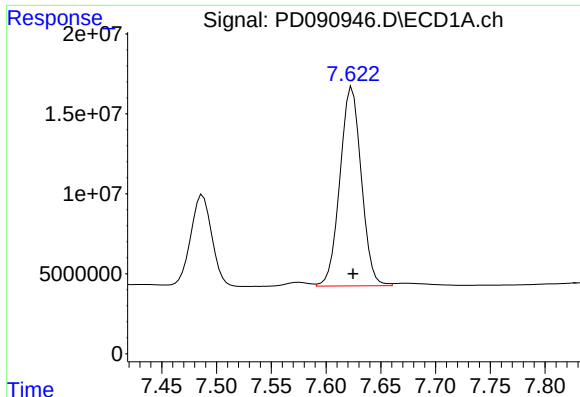
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 77756108
Conc: 36.58 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 506628906
Conc: 29.07 ng/ml



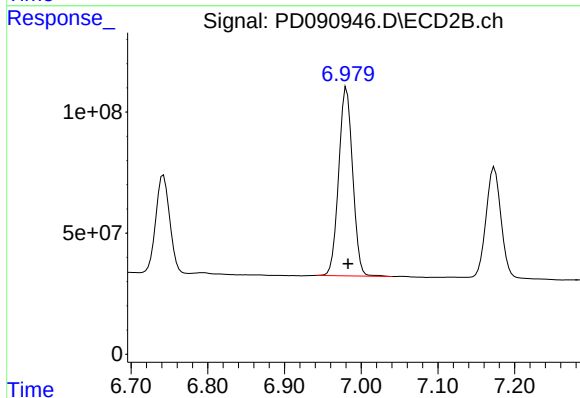
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: -0.001 min
Response: 168641060
Conc: 34.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

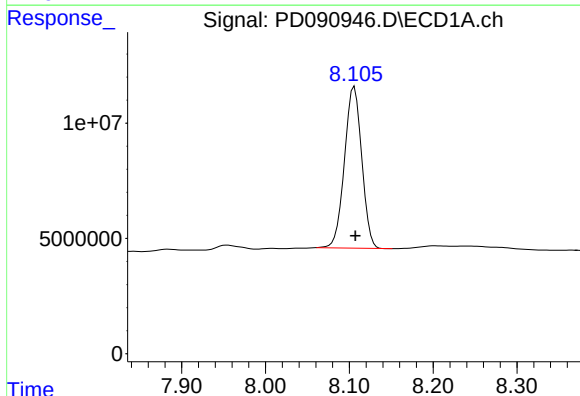
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



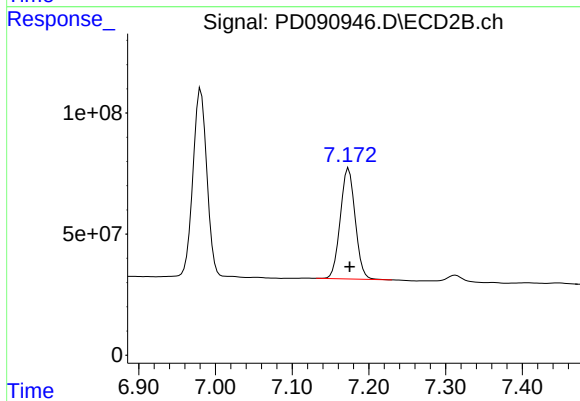
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 984440419
Conc: 26.10 ng/ml



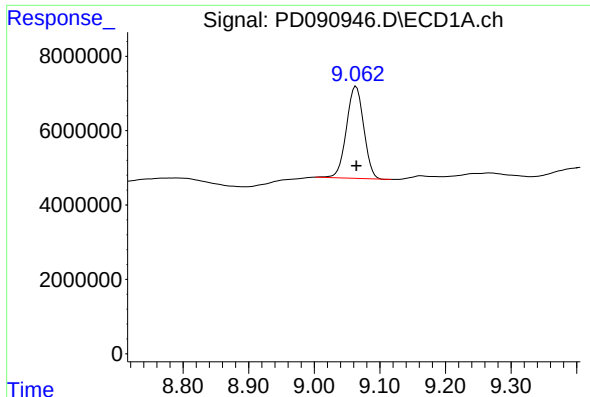
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.001 min
Response: 100493792
Conc: 31.40 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 617221371
Conc: 24.02 ng/ml



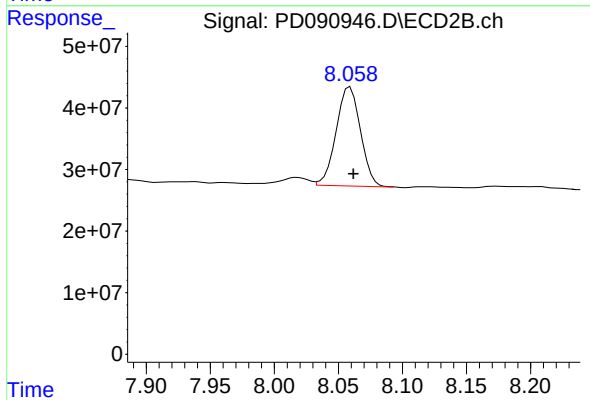
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 45334724
Conc: 9.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 212400752
Conc: 7.01 ng/ml m