

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
 Data File : PD090296.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 14:37
 Operator : AR\AJ
 Sample : Q3091-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 12/9B-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/17/2025
 Supervised By :mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 02:47:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.545	2.875	48928216	452.6E6	16.672m	20.526m
28)	SA Decachlor...	9.066	8.063	81608080	535.8E6	18.909	20.700
Target Compounds							
2)	A alpha-BHC	3.996	3.387	274.5E6	1717.8E6	45.739	50.614m
3)	MA gamma-BHC...	4.325	3.724	256.9E6	1580.3E6	44.853m	50.699
4)	MA Heptachlor	4.925	4.077	256.2E6	1585.3E6	45.682	50.824
5)	MB Aldrin	5.265	4.362	245.3E6	1569.9E6	45.312m	51.548
6)	B beta-BHC	4.513	4.020	97443642	674.3E6	43.443	50.584
7)	B delta-BHC	4.761	4.256	254.1E6	1580.6E6	49.071	50.097
8)	B Heptachlo...	5.686	4.866	221.2E6	1417.9E6	45.078	51.198
9)	A Endosulfan I	6.070	5.240	207.7E6	1344.4E6	45.011	51.272
10)	B gamma-Chl...	5.941	5.119	220.5E6	1529.0E6	45.093	51.636
11)	B alpha-Chl...	6.021	5.183	223.1E6	1476.3E6	45.332m	51.732
12)	B 4,4'-DDE	6.191	5.367	205.5E6	1524.2E6	46.822	52.882
13)	MA Dieldrin	6.341	5.505	225.2E6	1515.0E6	45.995m	51.729
14)	MA Endrin	6.568	5.782	191.1E6	1379.9E6	46.127m	51.813
15)	B Endosulfa...	6.782	6.073	191.4E6	1310.2E6	45.352	51.798
16)	A 4,4'-DDD	6.701	5.922	157.6E6	1196.0E6	45.562	49.741
17)	MA 4,4'-DDT	7.015	6.176	167.5E6	1348.0E6	43.977m	53.770
18)	B Endrin al...	6.911	6.252	139.1E6	969.2E6	48.498	56.283
19)	B Endosulfa...	7.143	6.474	173.5E6	1249.7E6	44.267m	51.260
20)	A Methoxychlor	7.489	6.746	89022679	665.3E6	44.387	51.588
21)	B Endrin ke...	7.626	6.983	190.0E6	1379.3E6	45.834	51.766
22)	Mirex	8.109	7.176	142.8E6	1063.2E6	45.282	51.474

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
Data File : PD090296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Sep 2025 14:37
Operator : AR\AJ
Sample : Q3091-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

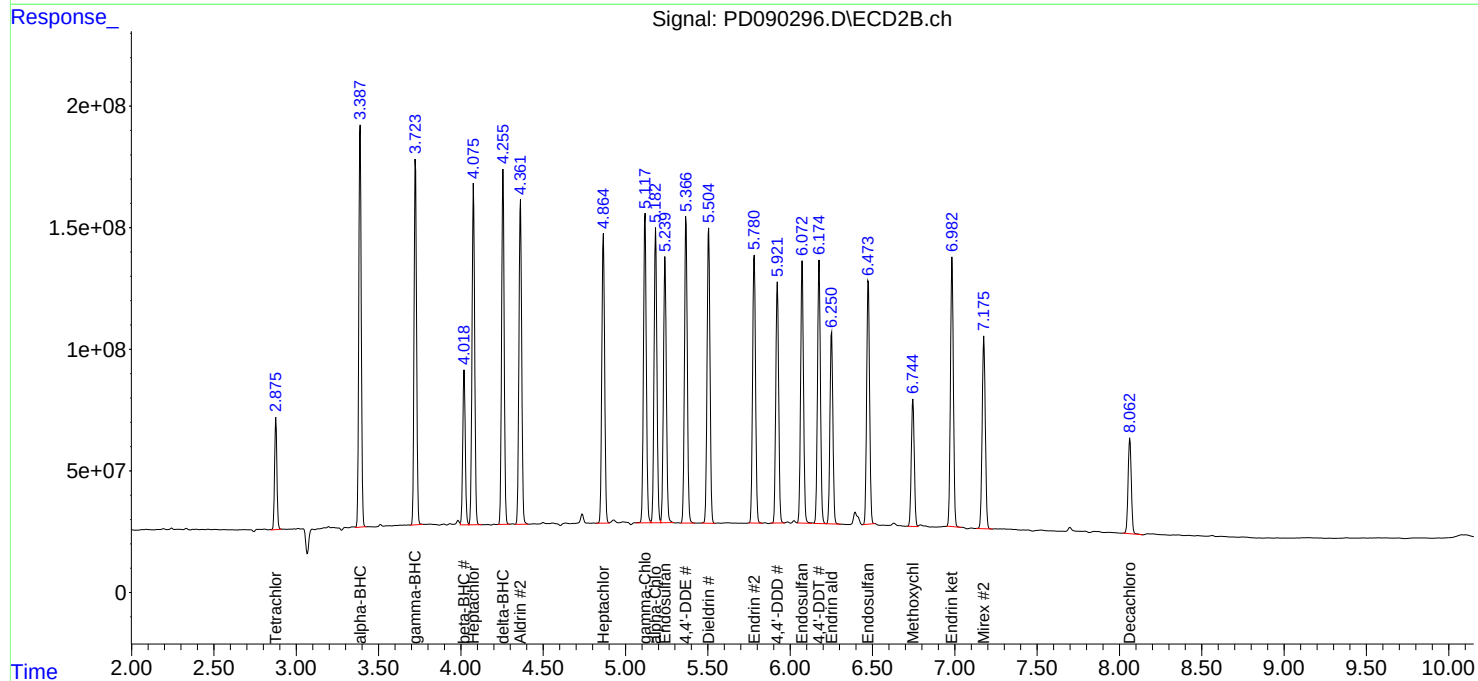
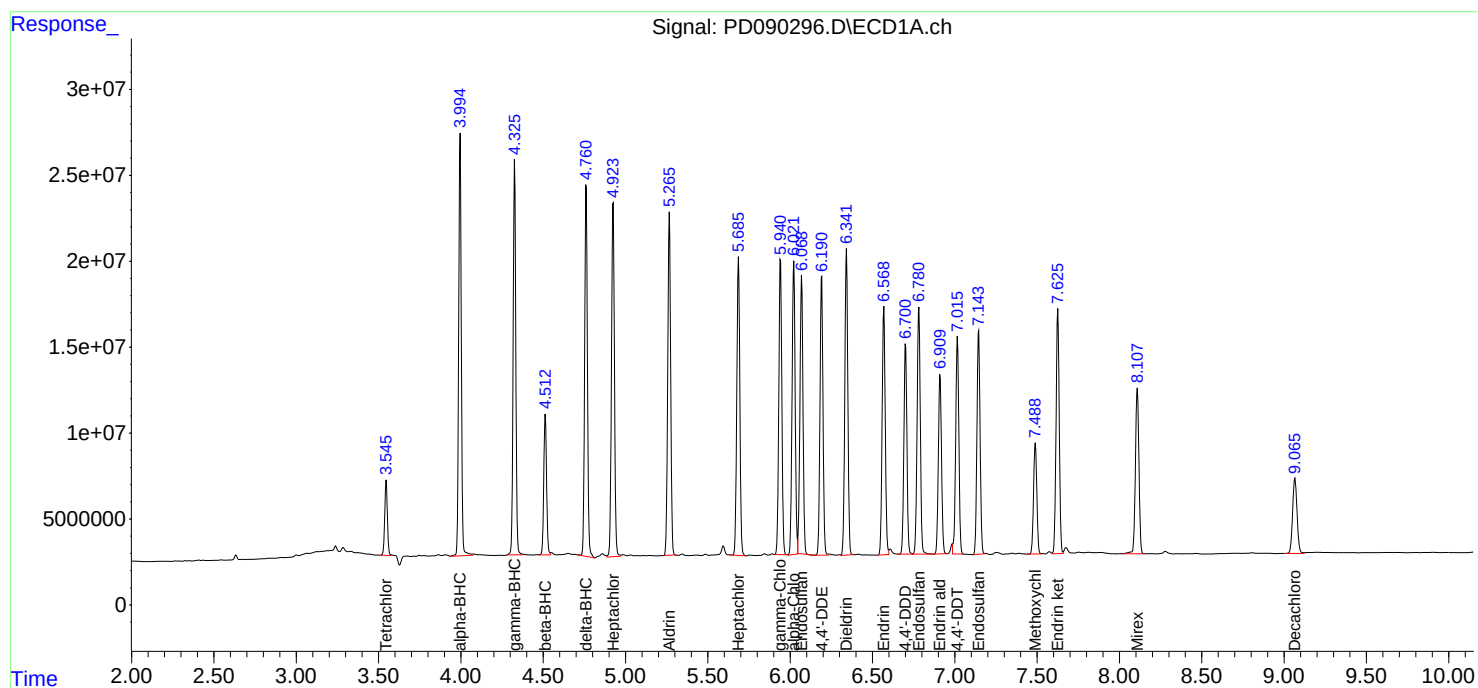
Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD

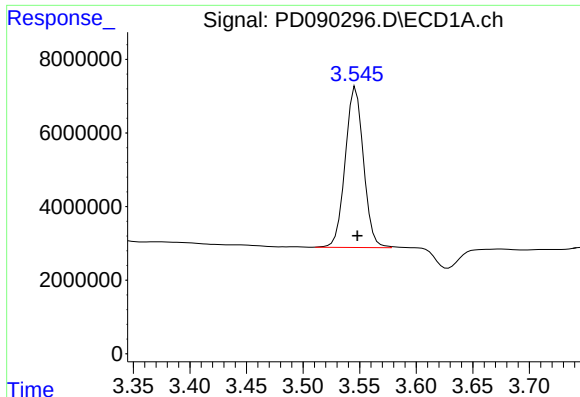
Manual Integrations
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Supervised By :mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 02:47:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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





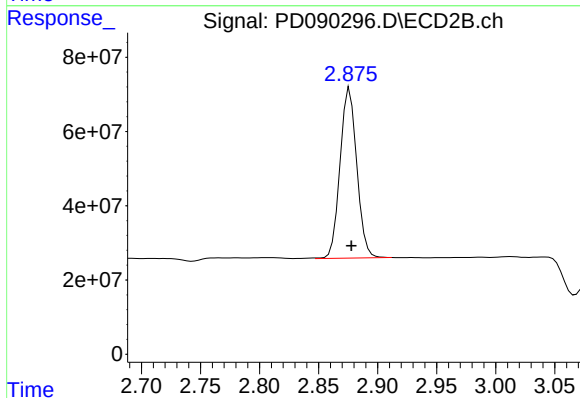
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.003 min
Response: 48928216
Conc: 16.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD

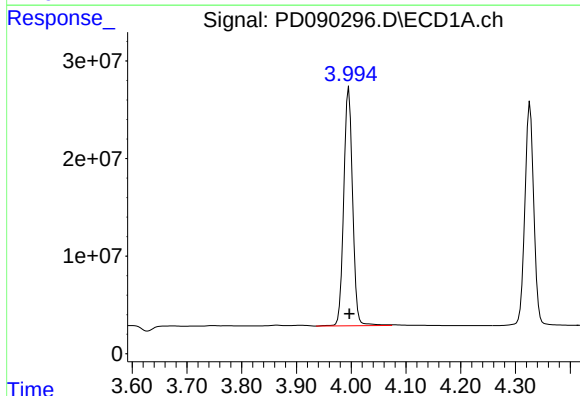
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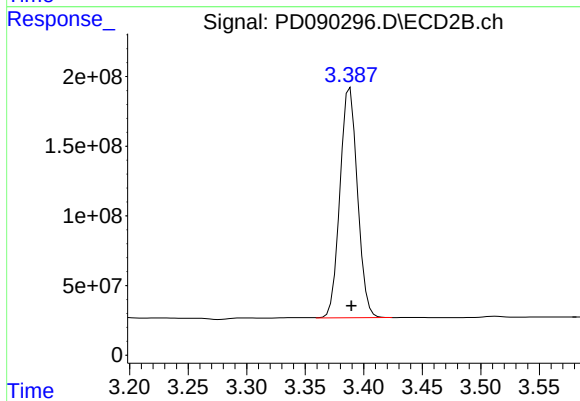
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.003 min
Response: 452614145
Conc: 20.53 ng/ml m



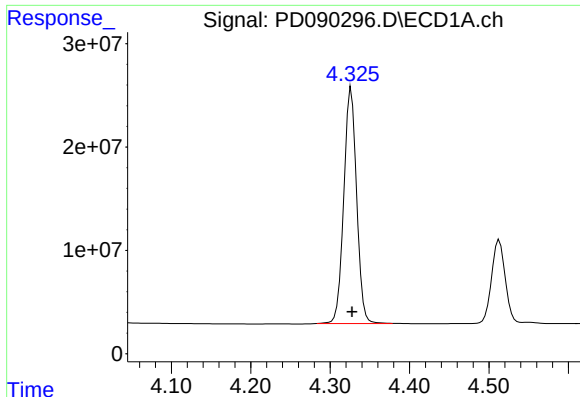
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 274537840
Conc: 45.74 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: -0.003 min
Response: 1717772823
Conc: 50.61 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 256868809
Conc: 44.85 ng/ml

Instrument :

ECD_D

ClientSampleId :

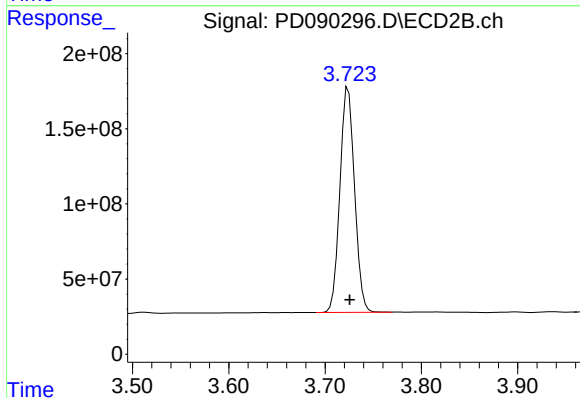
12/9B-COMPMSD

Manual Integrations

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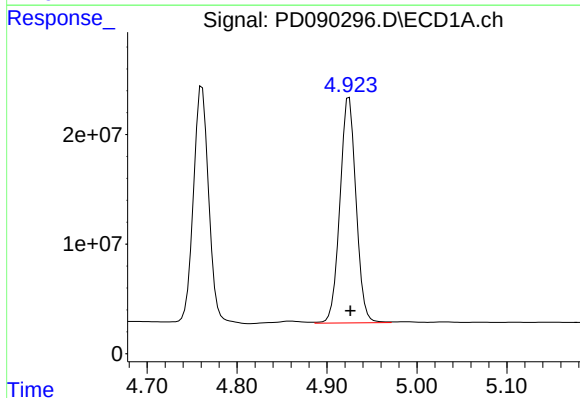
Reviewed By :Abdul Mirza 09/17/2025

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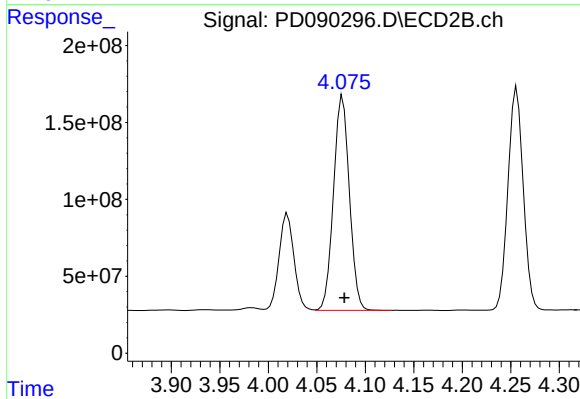
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.001 min
Response: 1580309172
Conc: 50.70 ng/ml



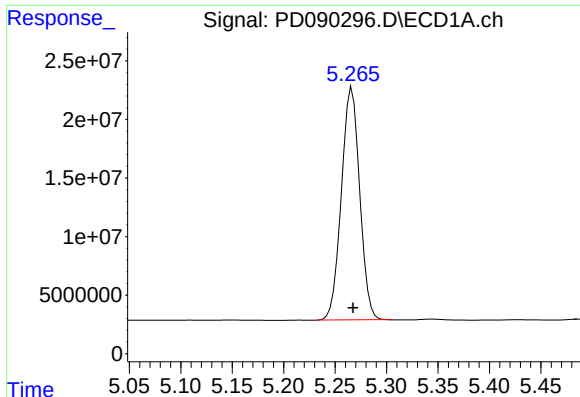
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 256237551
Conc: 45.68 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: -0.002 min
Response: 1585295729
Conc: 50.82 ng/ml



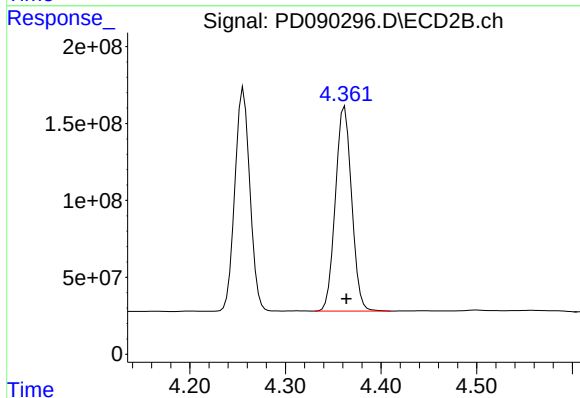
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 245345026
Conc: 45.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD

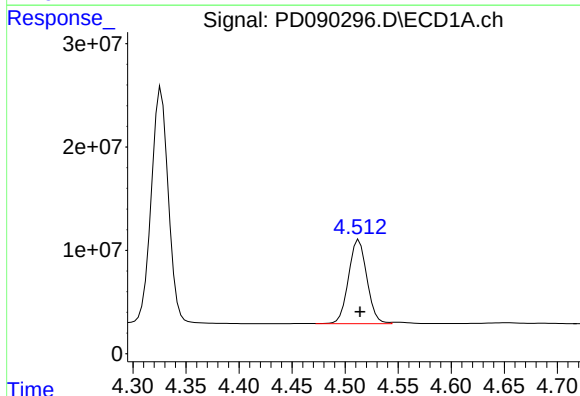
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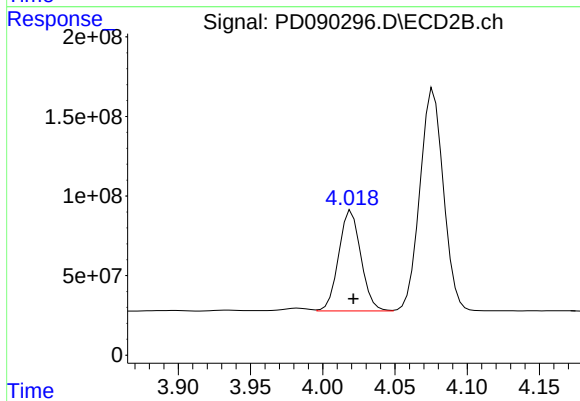
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 1569924377
Conc: 51.55 ng/ml



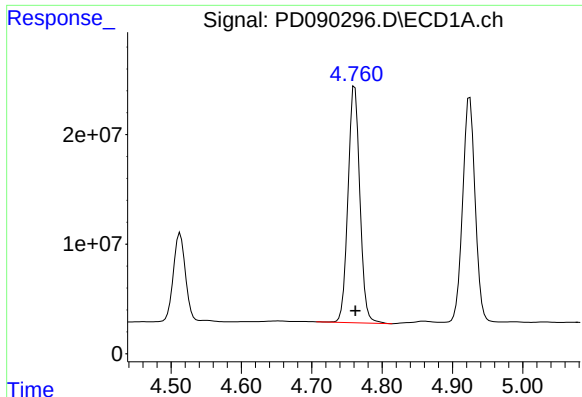
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 97443642
Conc: 43.44 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 674300353
Conc: 50.58 ng/ml



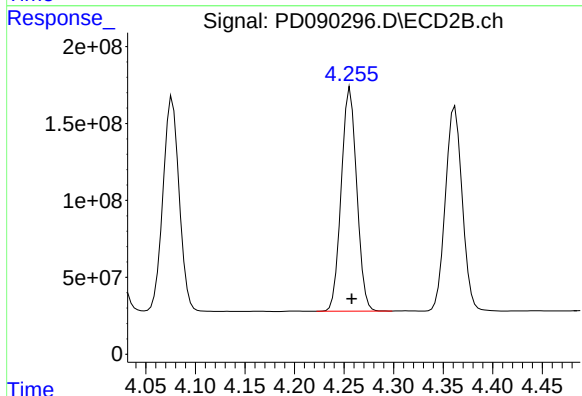
#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 254075865
Conc: 49.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD

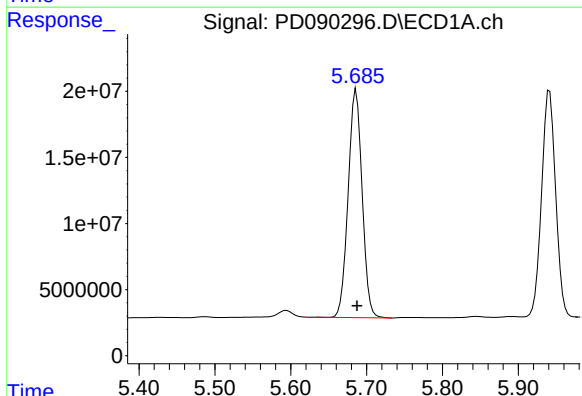
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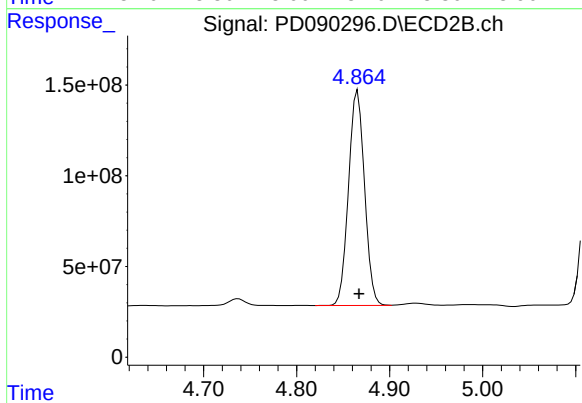
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.002 min
Response: 1580561837
Conc: 50.10 ng/ml



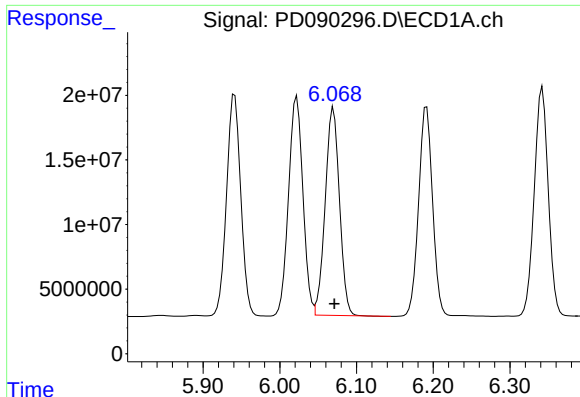
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.001 min
Response: 221188636
Conc: 45.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: -0.002 min
Response: 1417925716
Conc: 51.20 ng/ml



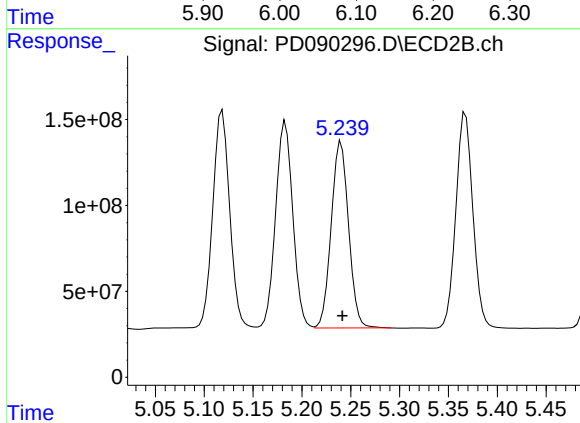
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: -0.001 min
Response: 207721816
Conc: 45.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD

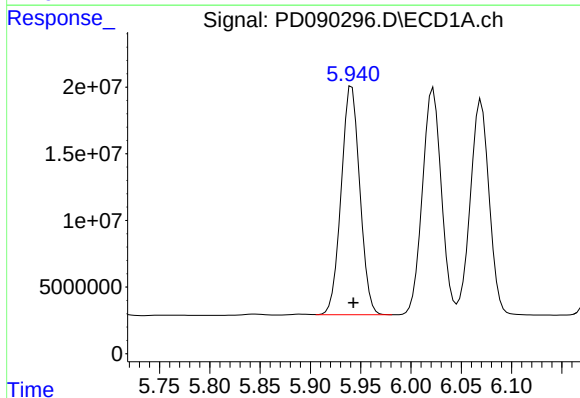
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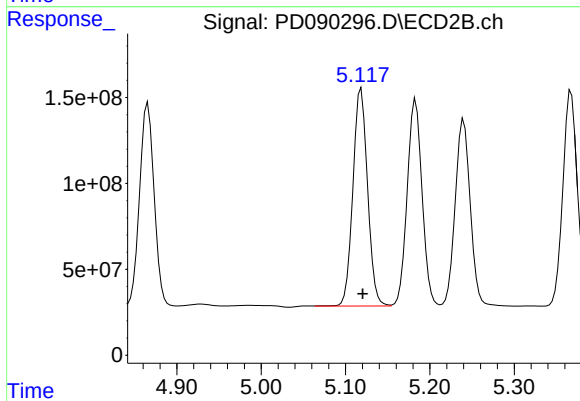
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 1344440916
Conc: 51.27 ng/ml



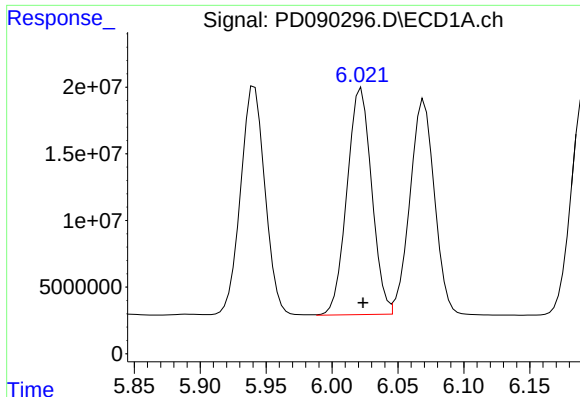
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 220548441
Conc: 45.09 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 1529014770
Conc: 51.64 ng/ml



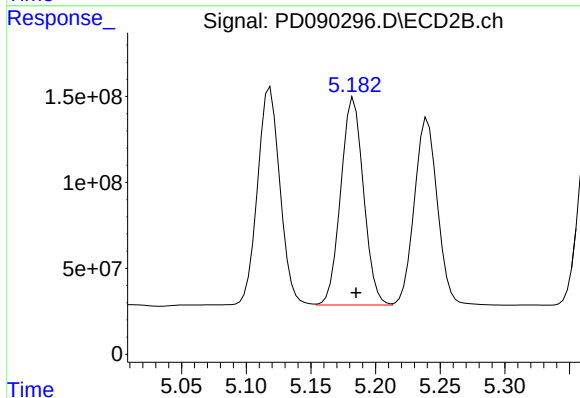
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 223141271
Conc: 45.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD

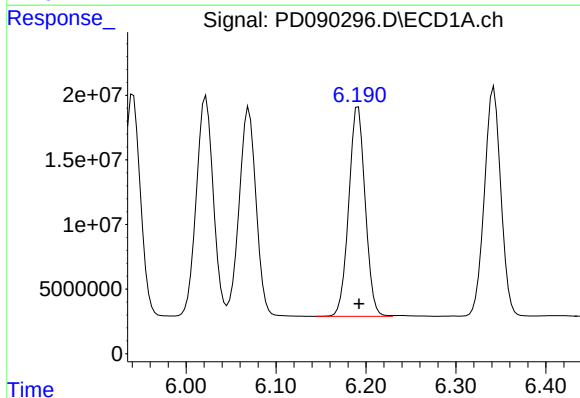
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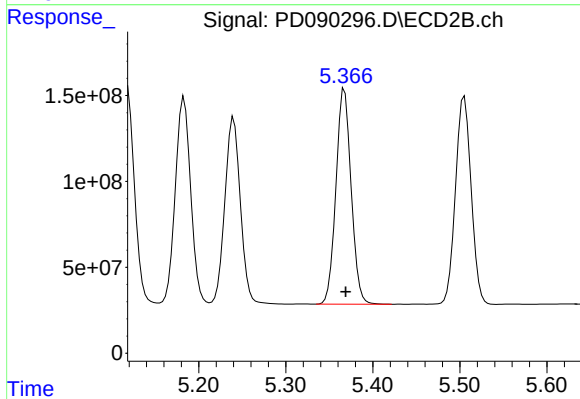
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1476322775
Conc: 51.73 ng/ml



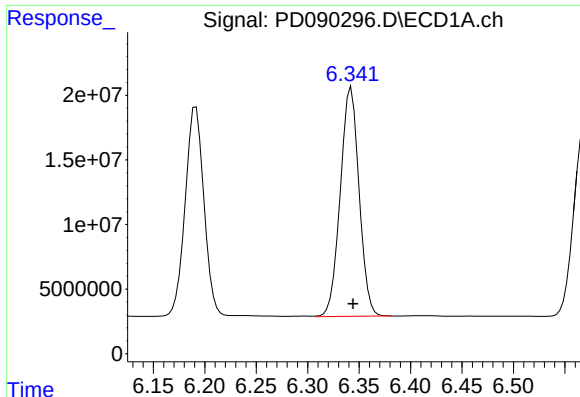
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.001 min
Response: 205469163
Conc: 46.82 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 1524209878
Conc: 52.88 ng/ml



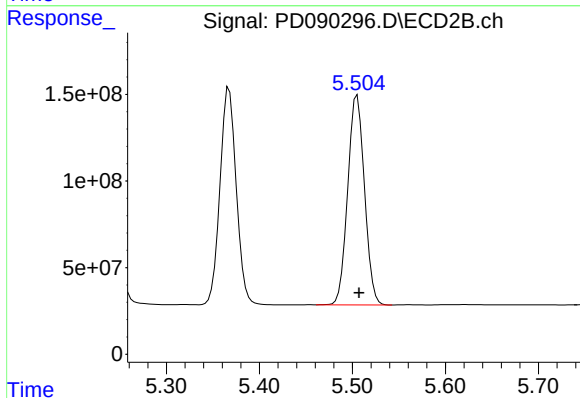
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 225181793
Conc: 46.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD

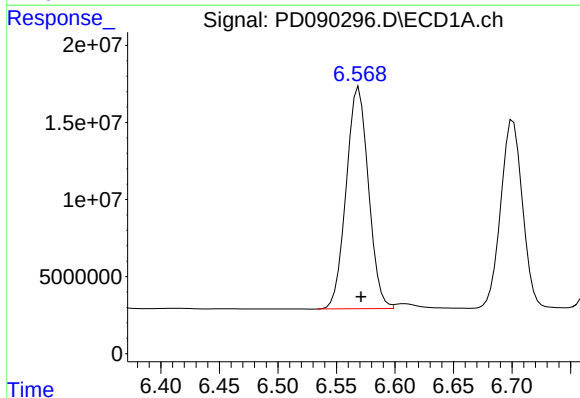
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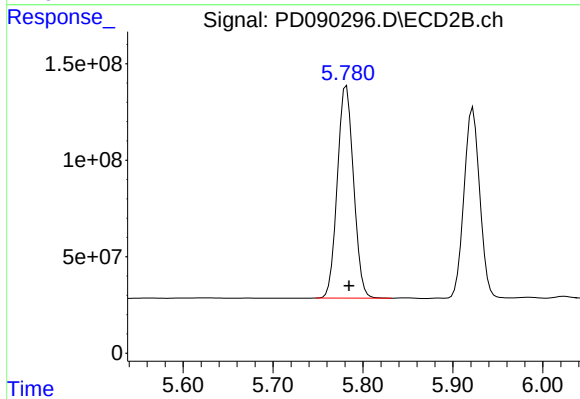
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 1515008784
Conc: 51.73 ng/ml



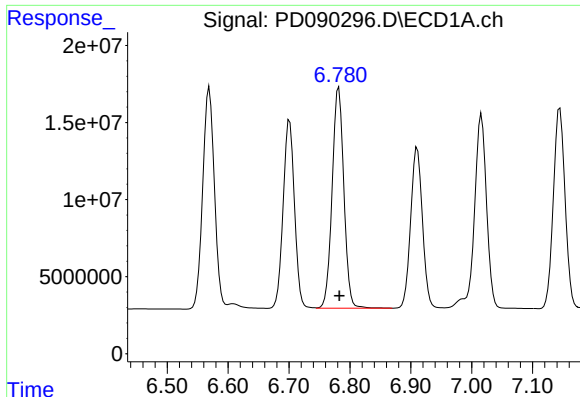
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 191131881
Conc: 46.13 ng/ml m



#14 Endrin

R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 1379900423
Conc: 51.81 ng/ml



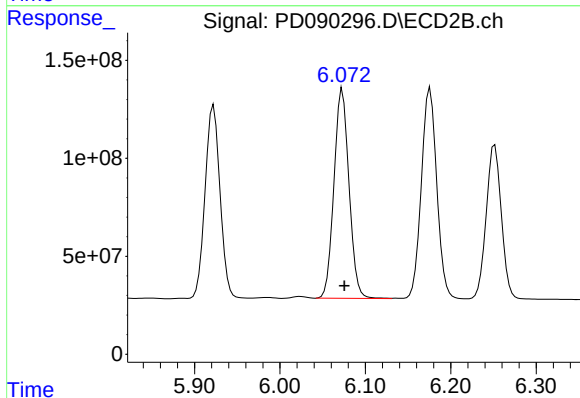
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: -0.001 min
Response: 191371262
Conc: 45.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD

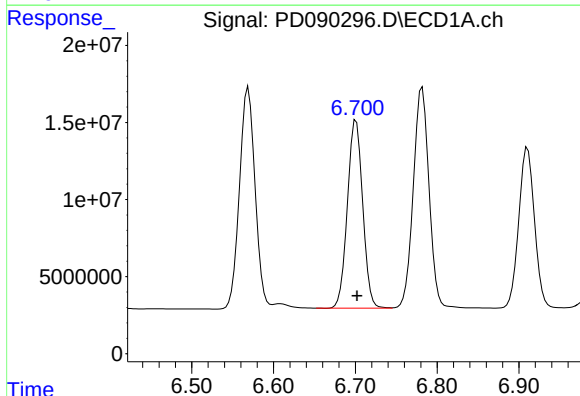
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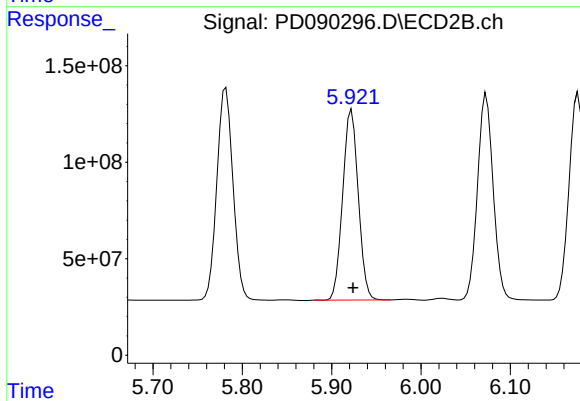
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 1310203621
Conc: 51.80 ng/ml



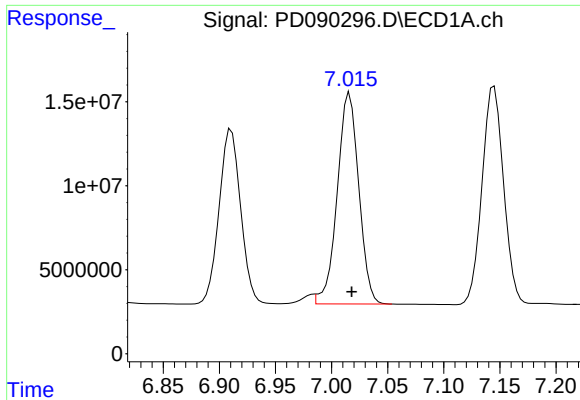
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.001 min
Response: 157605101
Conc: 45.56 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 1195968527
Conc: 49.74 ng/ml



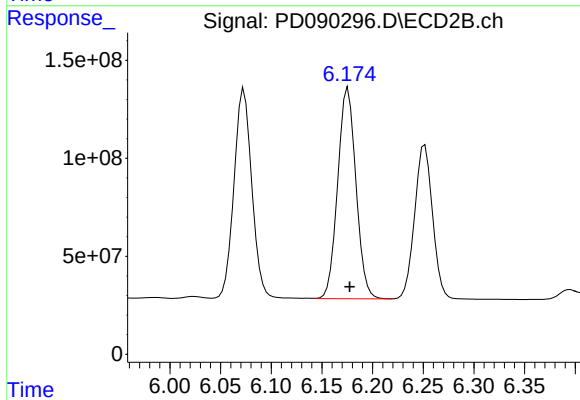
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 167542474
Conc: 43.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD

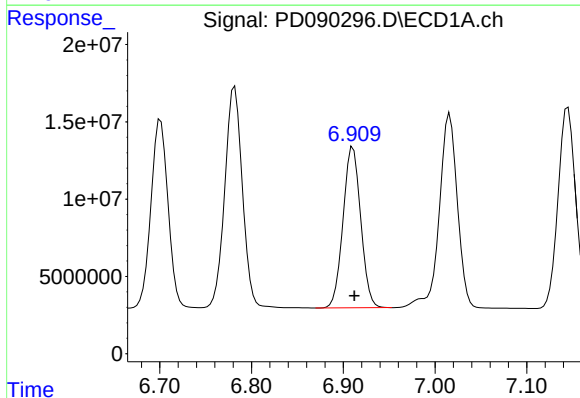
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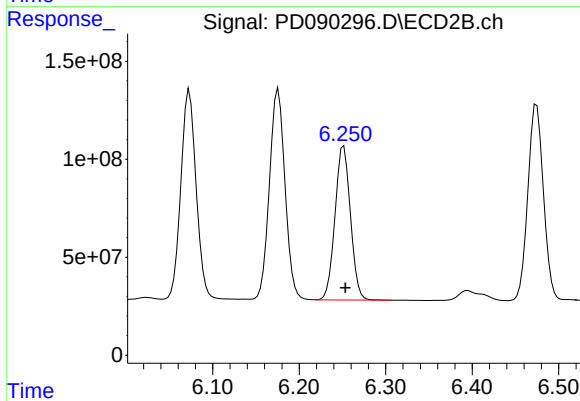
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 1347992217
Conc: 53.77 ng/ml



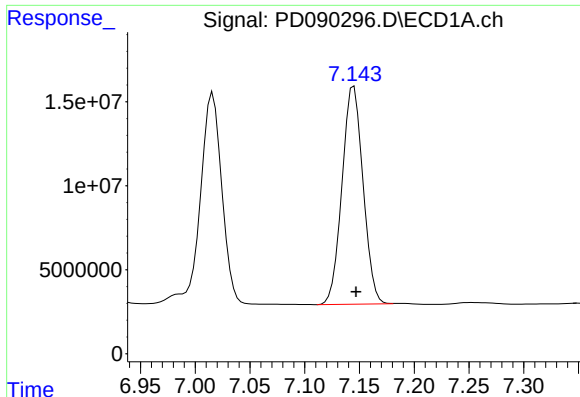
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: -0.001 min
Response: 139051053
Conc: 48.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 969183301
Conc: 56.28 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 173460629
Conc: 44.27 ng/ml

Instrument :

ECD_D

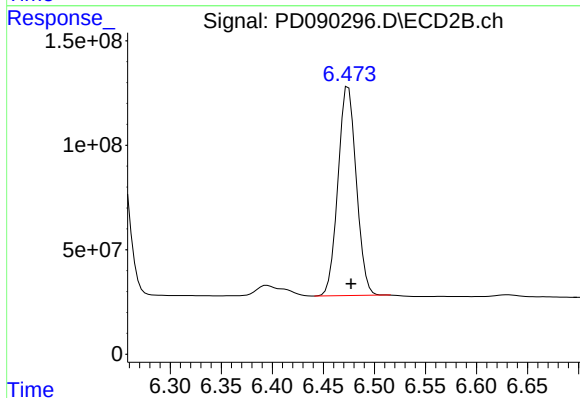
ClientSampleId :

12/9B-COMPMSD

Manual Integrations

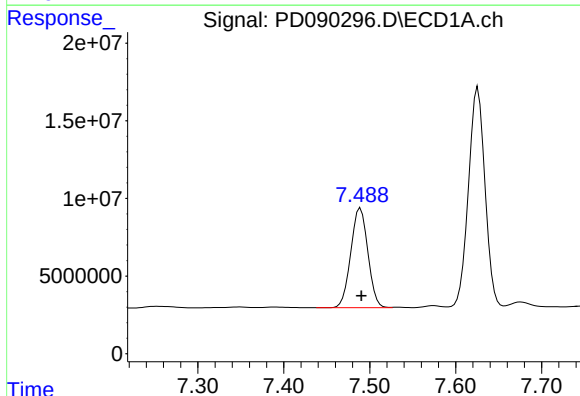
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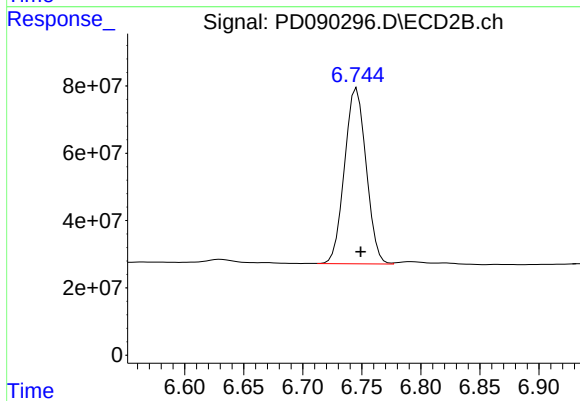
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 1249705875
Conc: 51.26 ng/ml



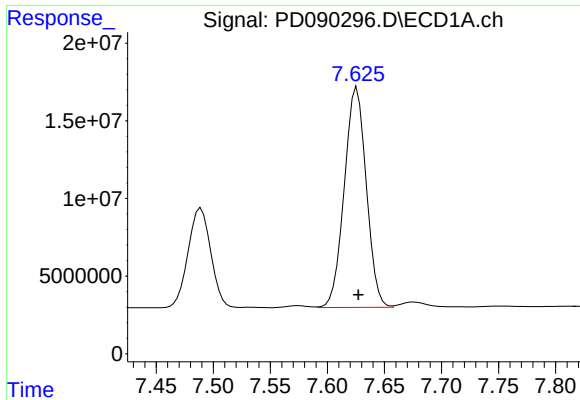
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.001 min
Response: 89022679
Conc: 44.39 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 665263395
Conc: 51.59 ng/ml



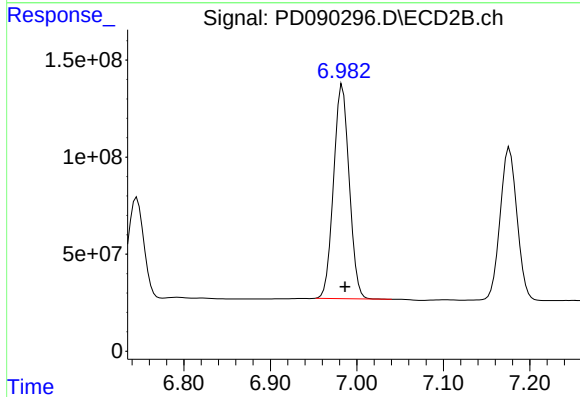
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 189961120
Conc: 45.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD

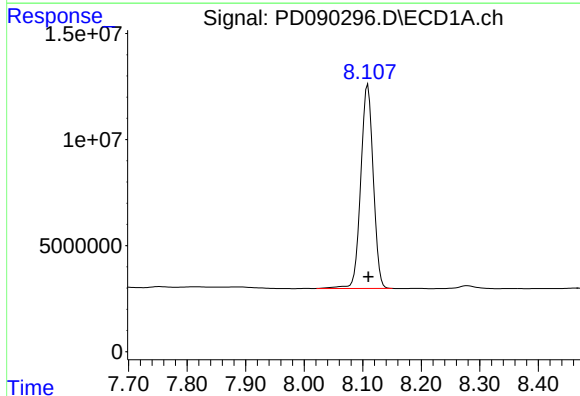
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/17/2025
Supervised By :mohammad ahmed 09/18/2025



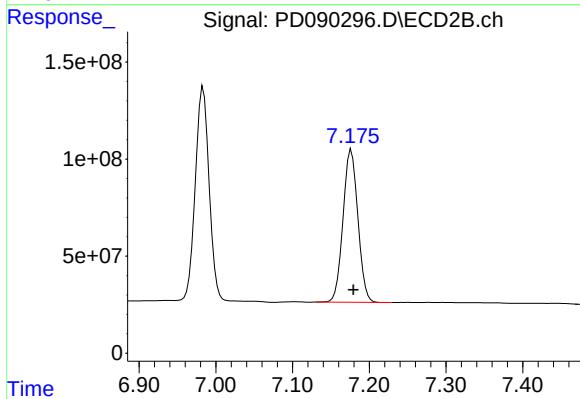
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.003 min
Response: 1379287191
Conc: 51.77 ng/ml



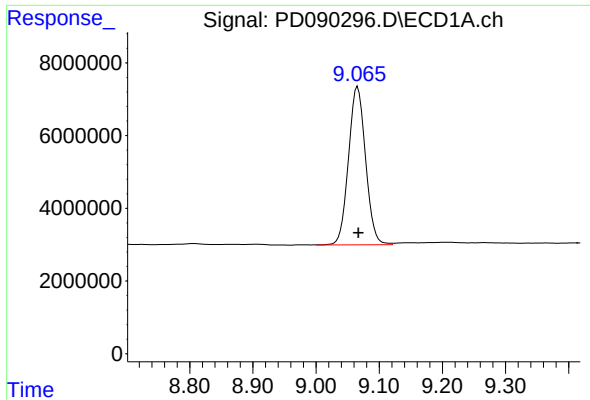
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 142841517
Conc: 45.28 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 1063227471
Conc: 51.47 ng/ml



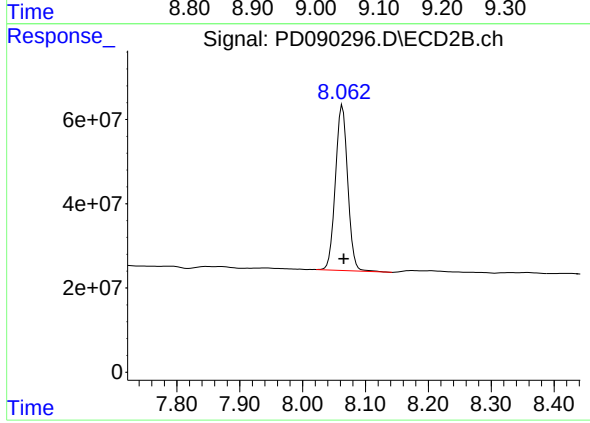
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 81608080
Conc: 18.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/18/2025



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 535832161
Conc: 20.70 ng/ml