

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120324\
 Data File : PD087010.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2024 15:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2024
 Supervised By :Ankita Jodhani 12/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 21:43:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 2024
 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...	3.557	2.884	100.8E6	569.5E6	50.394	49.750
28)	SA Decachlor...	9.086	8.085	144.1E6	638.2E6	45.294	45.803
Target Compounds							
2)	A alpha-BHC	4.007	3.397	210.4E6	891.0E6	52.292	50.567
3)	MA gamma-BHC...	4.338	3.734	207.1E6	843.4E6	51.936	50.215
4)	MA Heptachlor	4.938	4.089	203.6E6	808.3E6	51.867	49.726
5)	MB Aldrin	5.280	4.376	208.4E6	842.5E6	51.128	50.395
6)	B beta-BHC	4.521	4.029	78814623	357.2E6	49.971	49.882
7)	B delta-BHC	4.770	4.267	211.0E6	853.2E6	51.762	50.184
8)	B Heptachlo...	5.699	4.880	183.5E6	744.8E6	50.785	49.054
9)	A Endosulfan I	6.083	5.255	168.7E6	700.4E6	50.261	49.334
10)	B gamma-Chl...	5.954	5.134	180.3E6	768.5E6	51.020	49.404
11)	B alpha-Chl...	6.036	5.198	179.9E6	751.5E6	50.359	49.174
12)	B 4,4'-DDE	6.205	5.384	163.3E6	764.1E6	50.177	50.687
13)	MA Dieldrin	6.356	5.521	181.8E6	765.0E6	50.323	49.130
14)	MA Endrin	6.583	5.797	150.8E6	674.6E6	49.850	48.225
15)	B Endosulfa...	6.794	6.089	149.7E6	662.8E6	50.084	48.153
16)	A 4,4'-DDD	6.714	5.939	129.6E6	621.2E6	49.854	49.420
17)	MA 4,4'-DDT	7.029	6.193	137.8E6	646.1E6	48.780m	48.453
18)	B Endrin al...	6.923	6.267	116.2E6	521.6E6	47.531	47.019
19)	B Endosulfa...	7.157	6.491	141.5E6	643.6E6	48.619	47.566
20)	A Methoxychlor	7.502	6.765	76142443	339.7E6	47.610	47.356
21)	B Endrin ke...	7.639	7.000	157.2E6	710.8E6	48.426	47.160
22)	Mirex	8.124	7.196	117.2E6	569.2E6	46.966	46.165

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

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Acq On : 03 Dec 2024 15:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
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Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

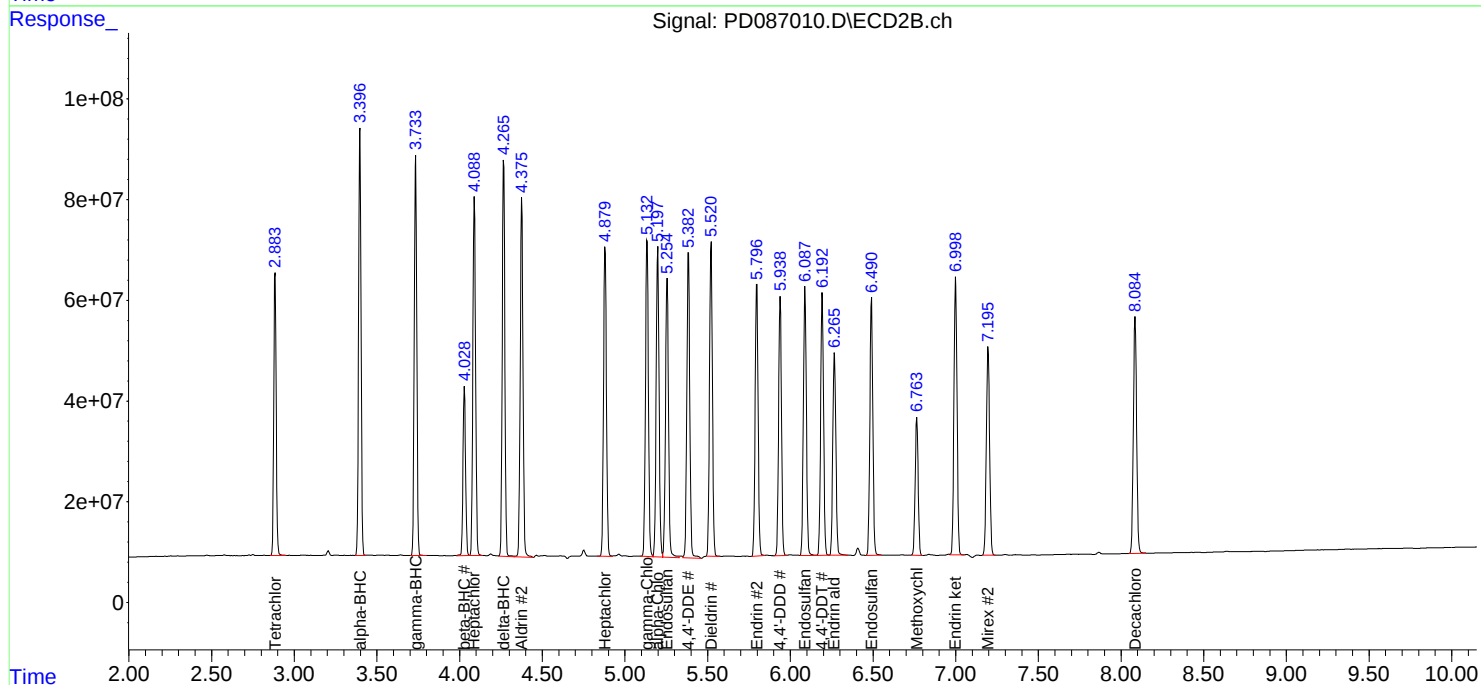
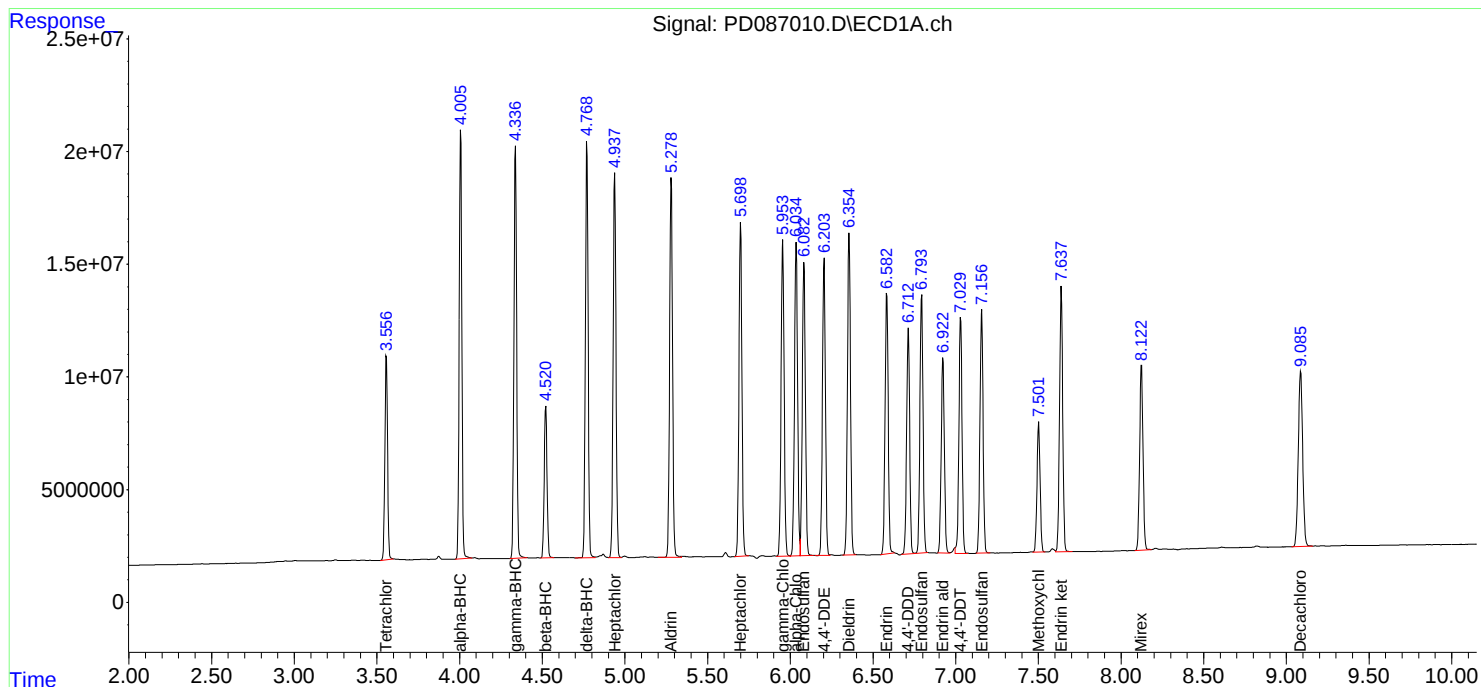
Manual Integrations

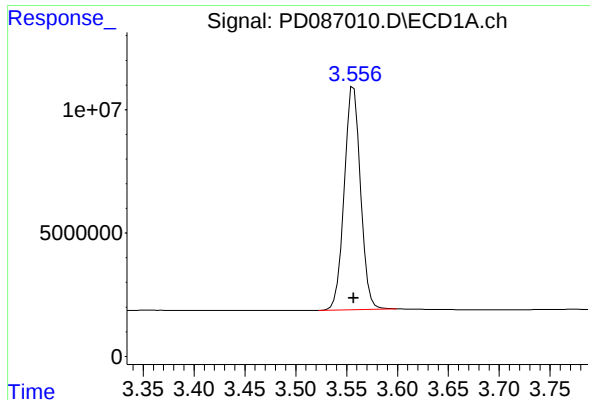
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Supervised By :Ankita Jodhani 12/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 21:43:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 2024
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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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





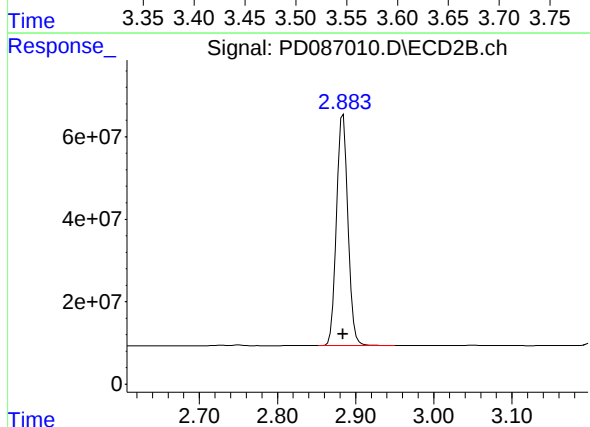
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.000 min
Response: 100775366
Conc: 50.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

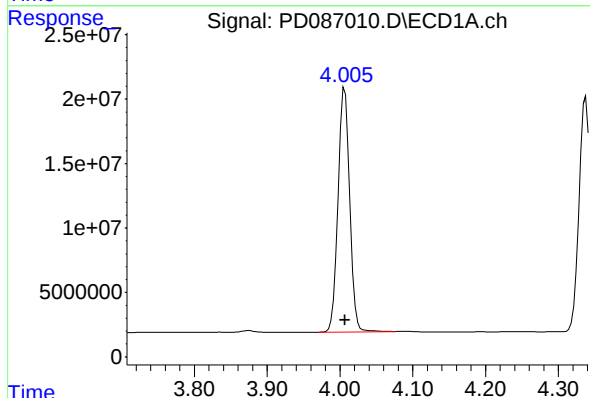
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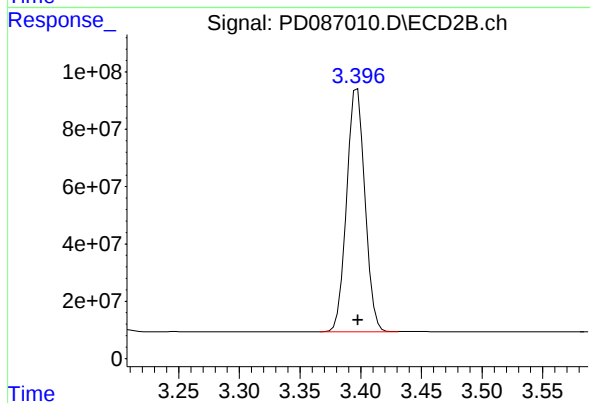
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 569453047
Conc: 49.75 ng/ml



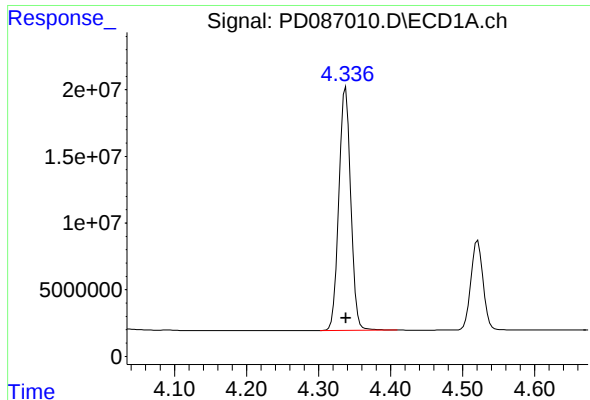
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 210425458
Conc: 52.29 ng/ml



#2 alpha-BHC

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 891029252
Conc: 50.57 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 207145379
Conc: 51.94 ng/ml

Instrument :

ECD_D

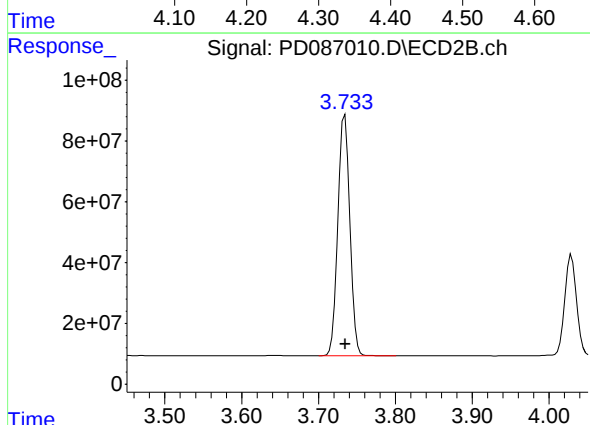
ClientSampleId :

PSTDCCC050

Manual Integrations

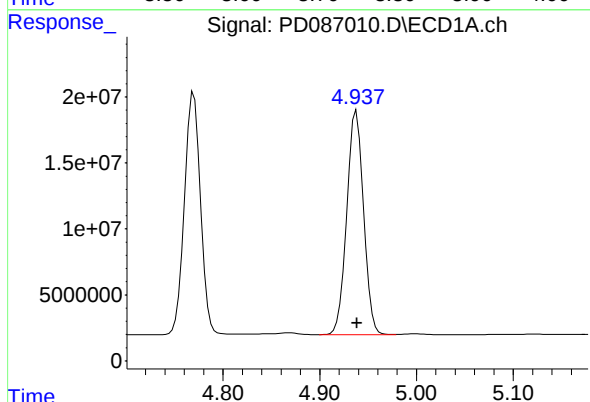
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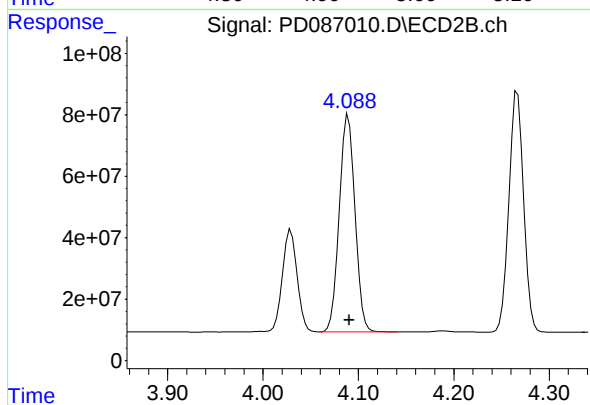
#3 gamma-BHC (Lindane)

R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 843361270
Conc: 50.22 ng/ml



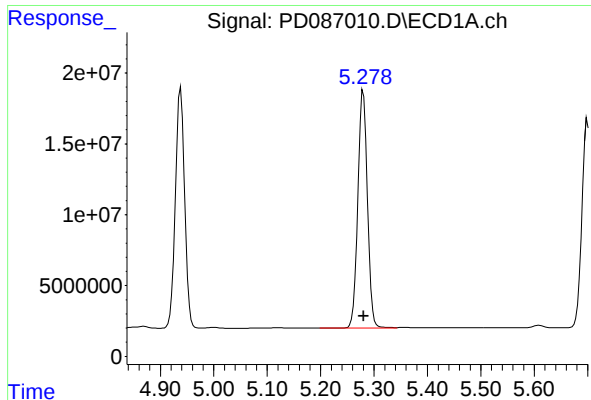
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 203639635
Conc: 51.87 ng/ml



#4 Heptachlor

R.T.: 4.089 min
Delta R.T.: -0.001 min
Response: 808333931
Conc: 49.73 ng/ml



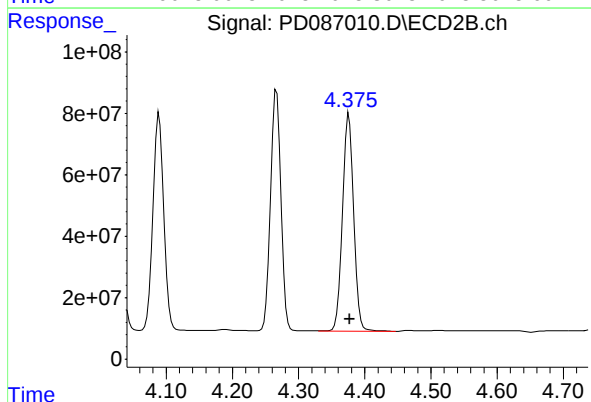
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 208392960
Conc: 51.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

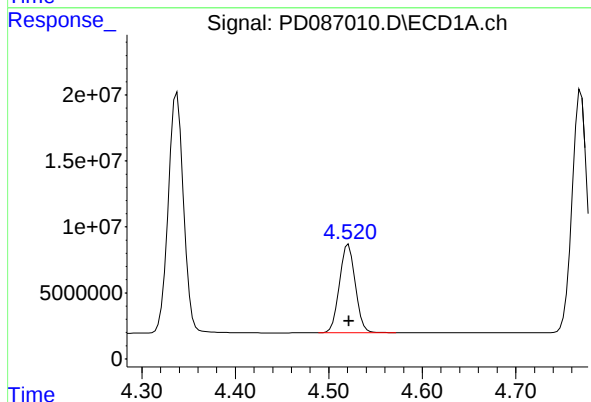
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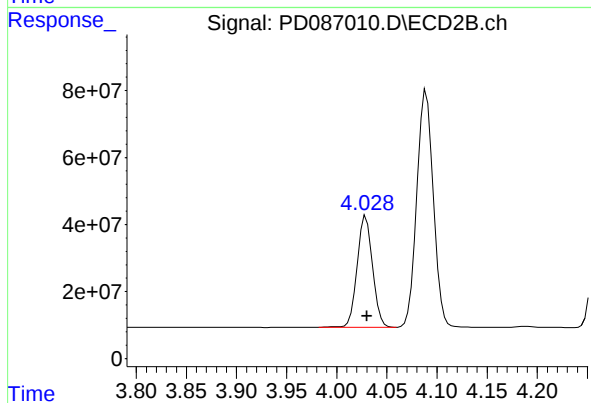
#5 Aldrin

R.T.: 4.376 min
Delta R.T.: -0.001 min
Response: 842468239
Conc: 50.39 ng/ml



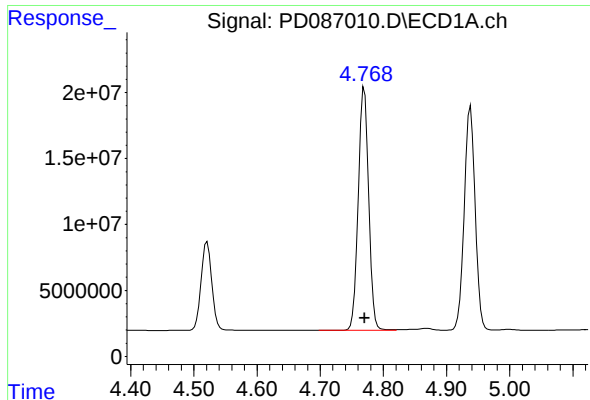
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 78814623
Conc: 49.97 ng/ml



#6 beta-BHC

R.T.: 4.029 min
Delta R.T.: -0.001 min
Response: 357247219
Conc: 49.88 ng/ml



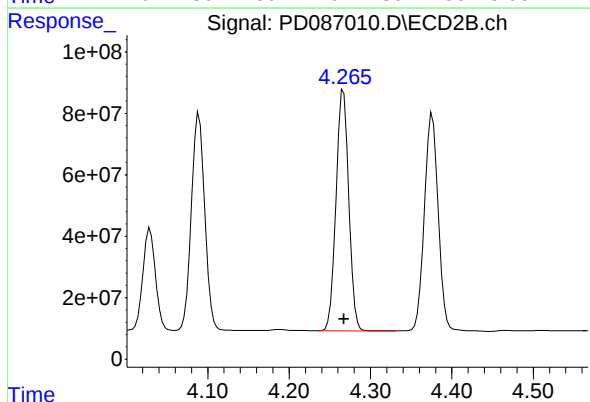
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 210988587
Conc: 51.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

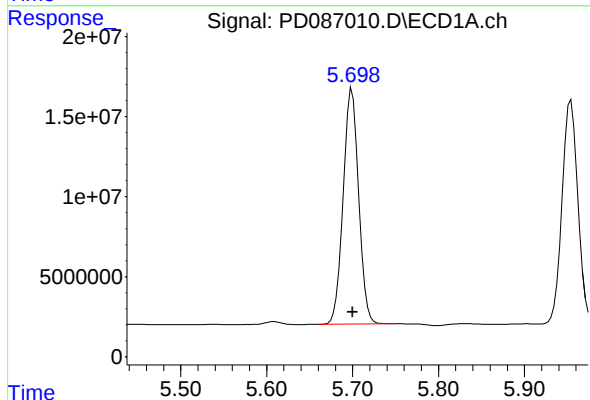
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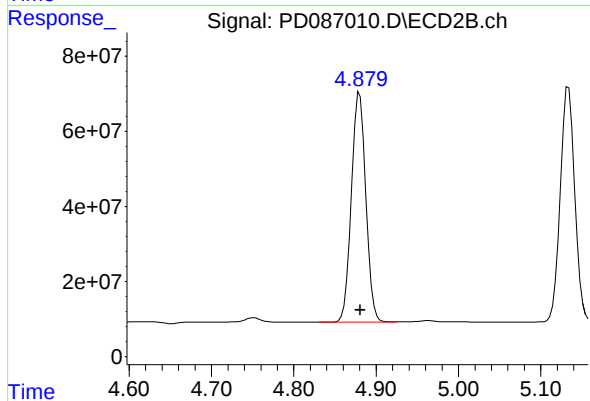
#7 delta-BHC

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 853233912
Conc: 50.18 ng/ml



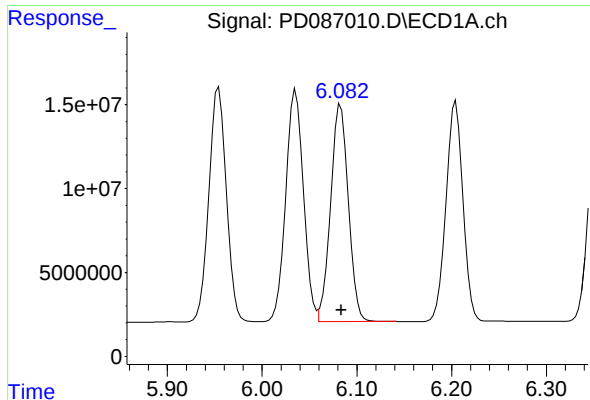
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 183515171
Conc: 50.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.880 min
Delta R.T.: -0.001 min
Response: 744822913
Conc: 49.05 ng/ml



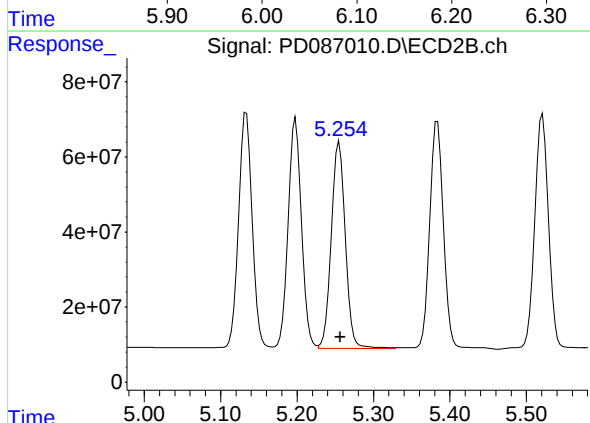
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 168664335
Conc: 50.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

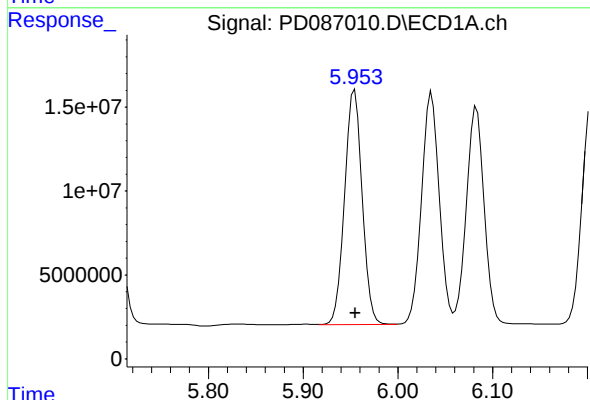
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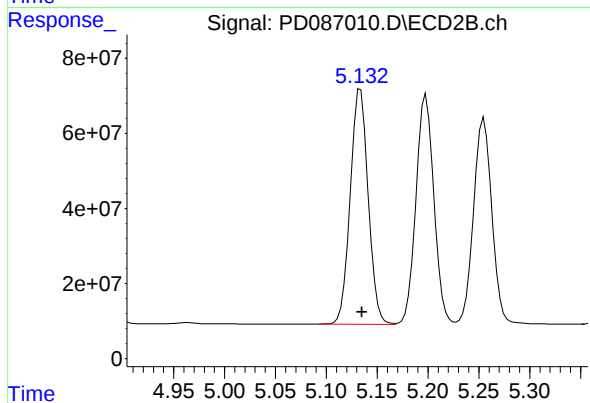
#9 Endosulfan I

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 700369665
Conc: 49.33 ng/ml



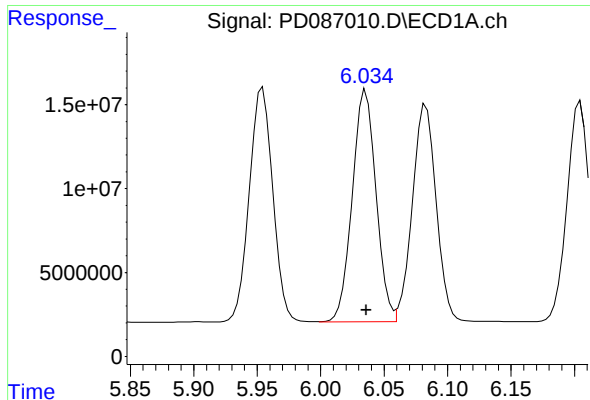
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 180250761
Conc: 51.02 ng/ml



#10 gamma-Chlordane

R.T.: 5.134 min
Delta R.T.: -0.001 min
Response: 768511977
Conc: 49.40 ng/ml



#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 179923710
Conc: 50.36 ng/ml

Instrument :

ECD_D

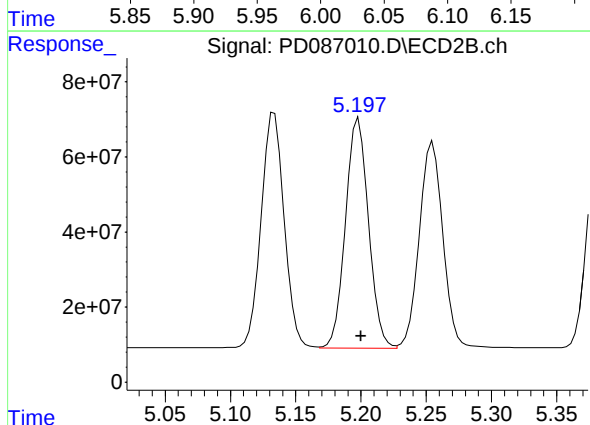
ClientSampleId :

PSTDCCC050

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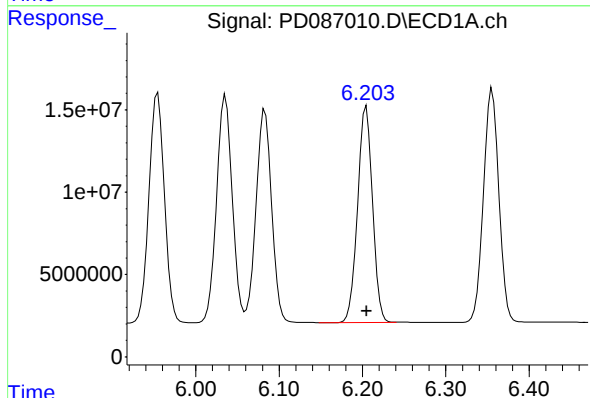
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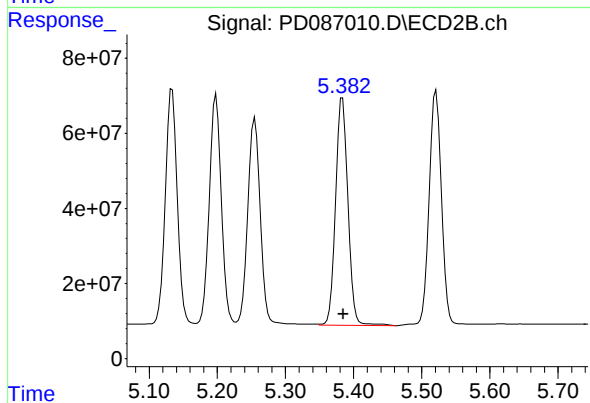
#11 alpha-Chlordane

R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 751476804
Conc: 49.17 ng/ml



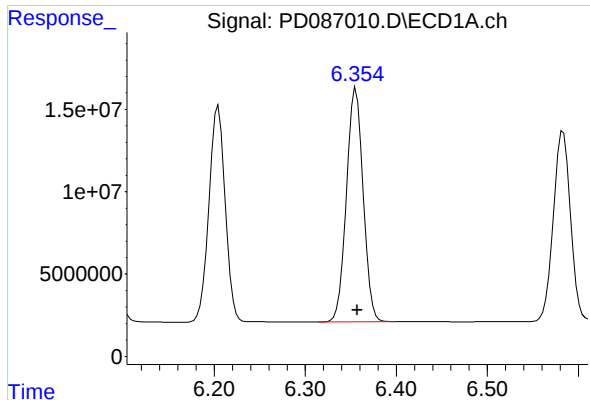
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 163259689
Conc: 50.18 ng/ml



#12 4,4'-DDE

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 764082777
Conc: 50.69 ng/ml



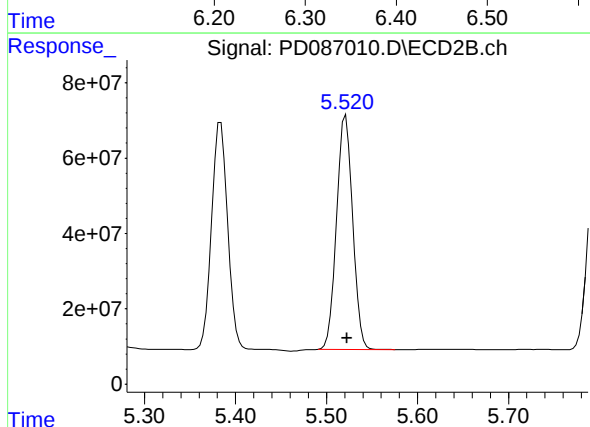
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: -0.001 min
Response: 181800369
Conc: 50.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

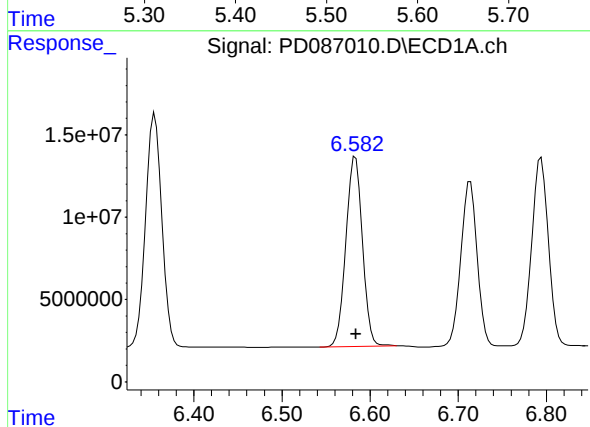
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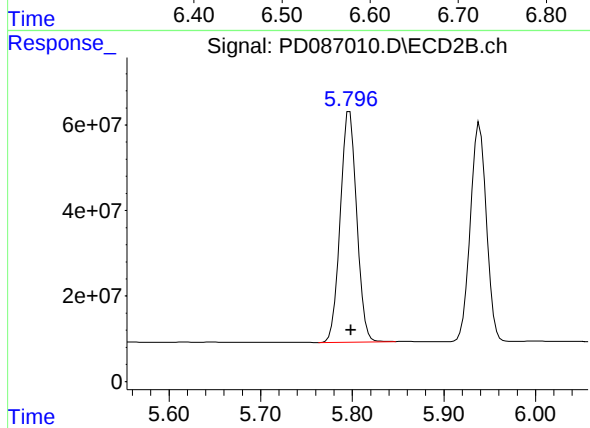
#13 Dieldrin

R.T.: 5.521 min
Delta R.T.: -0.001 min
Response: 765048986
Conc: 49.13 ng/ml



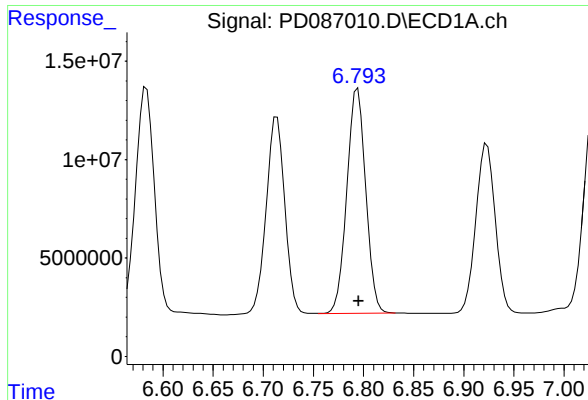
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 150844235
Conc: 49.85 ng/ml



#14 Endrin

R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 674608527
Conc: 48.23 ng/ml



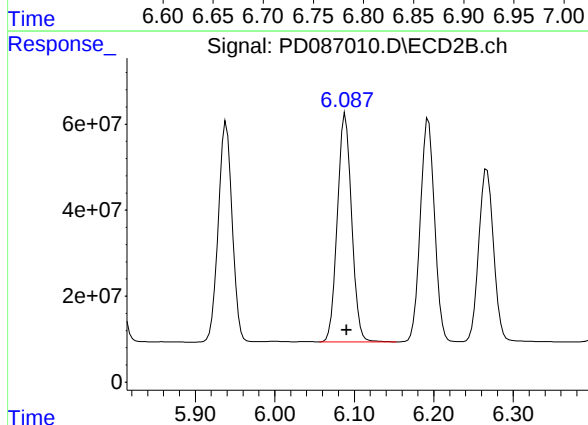
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 149701549
Conc: 50.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

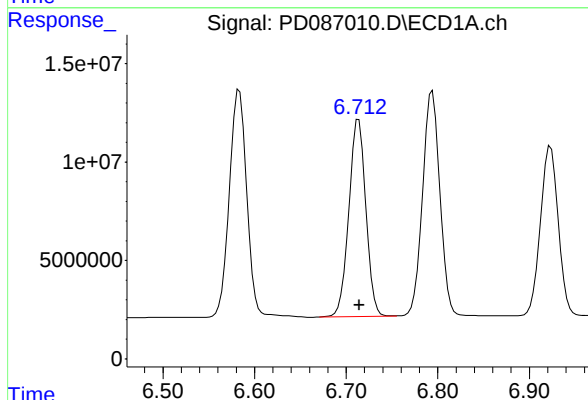
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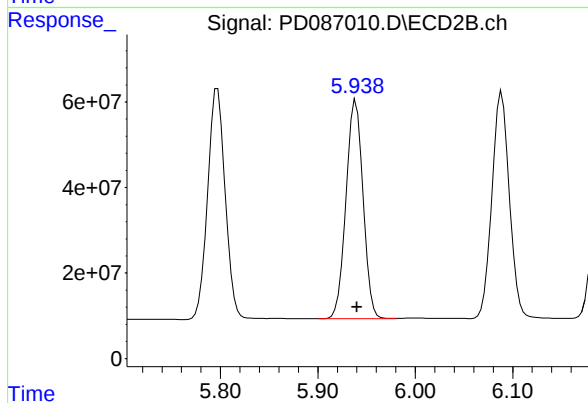
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: -0.001 min
Response: 662773659
Conc: 48.15 ng/ml



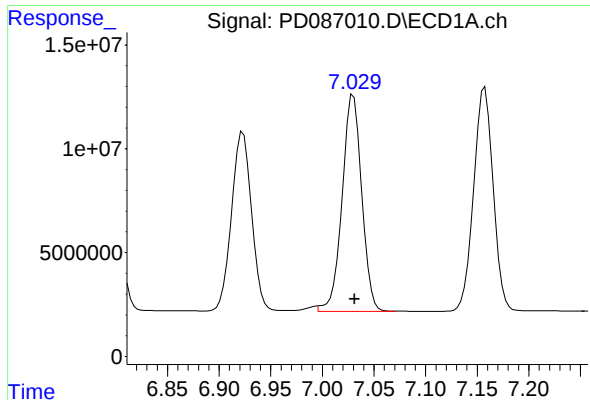
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 129599736
Conc: 49.85 ng/ml



#16 4,4'-DDD

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 621184803
Conc: 49.42 ng/ml



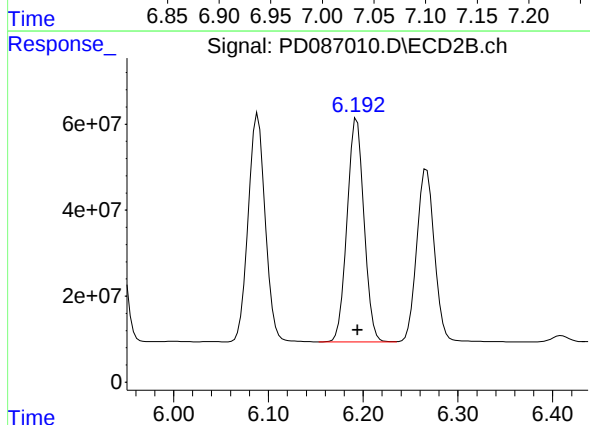
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.002 min
Response: 137797242
Conc: 48.78 ng/ml

Instrument :
ECD_D
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PSTDCCC050

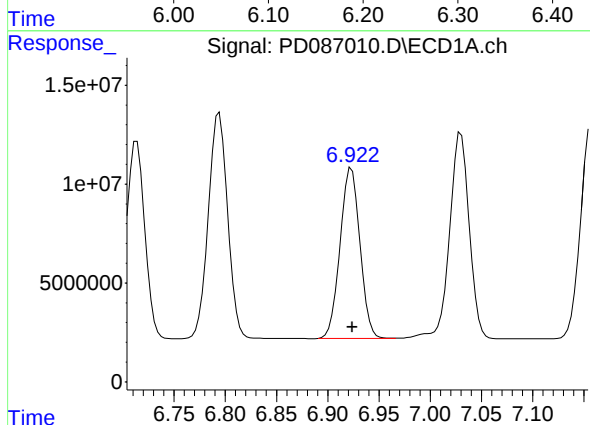
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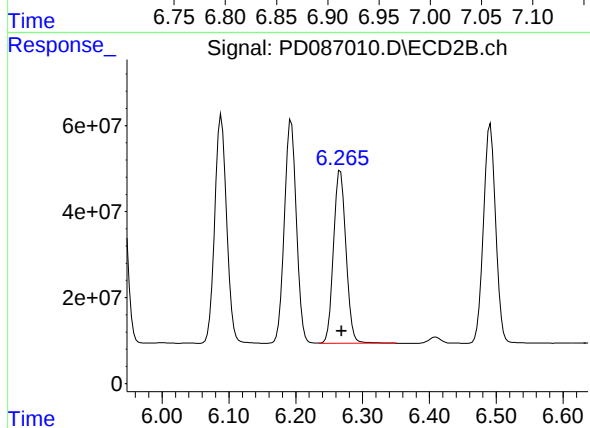
#17 4,4'-DDT

R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 646071727
Conc: 48.45 ng/ml



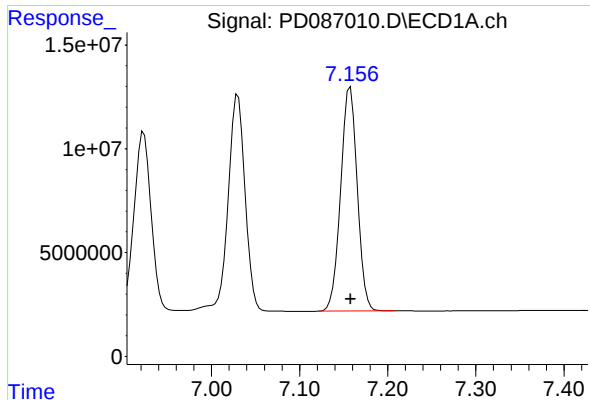
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 116197991
Conc: 47.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 521622093
Conc: 47.02 ng/ml



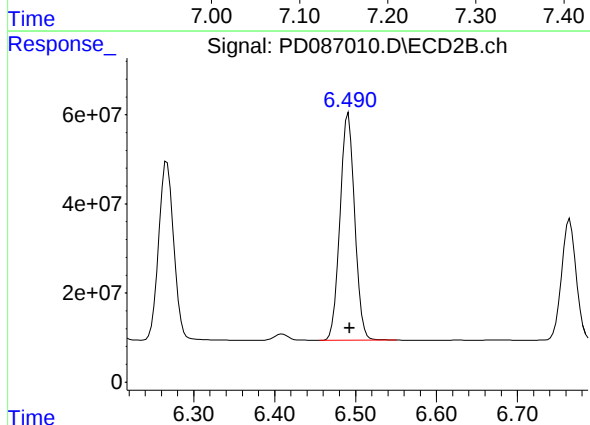
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 141485749
Conc: 48.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

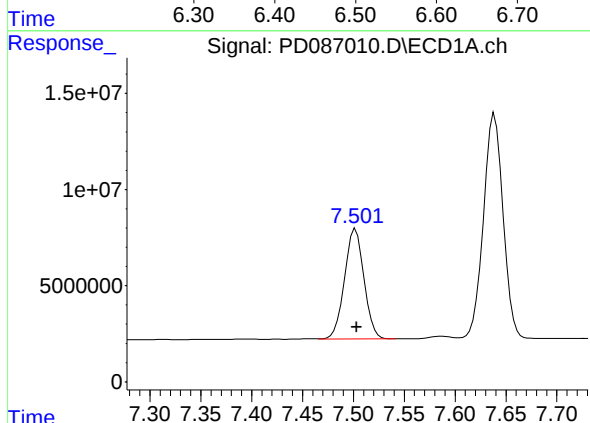
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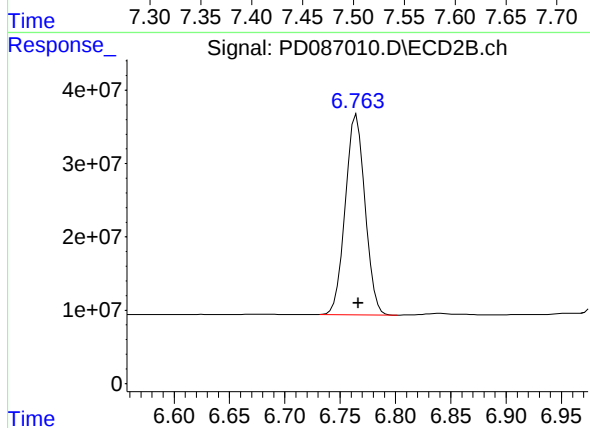
#19 Endosulfan Sulfate

R.T.: 6.491 min
Delta R.T.: -0.002 min
Response: 643557829
Conc: 47.57 ng/ml



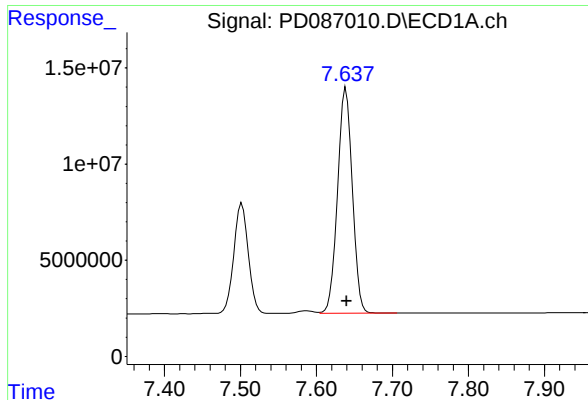
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 76142443
Conc: 47.61 ng/ml



#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 339694129
Conc: 47.36 ng/ml



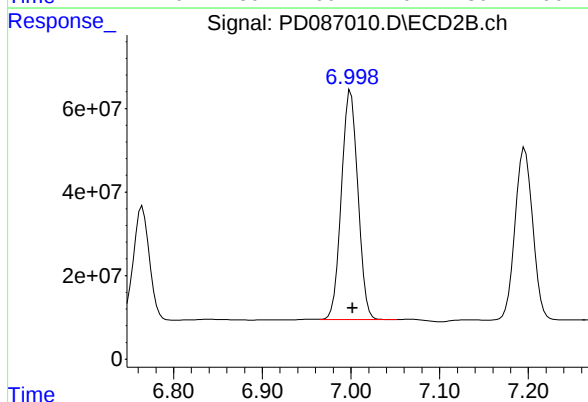
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 157155468
Conc: 48.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

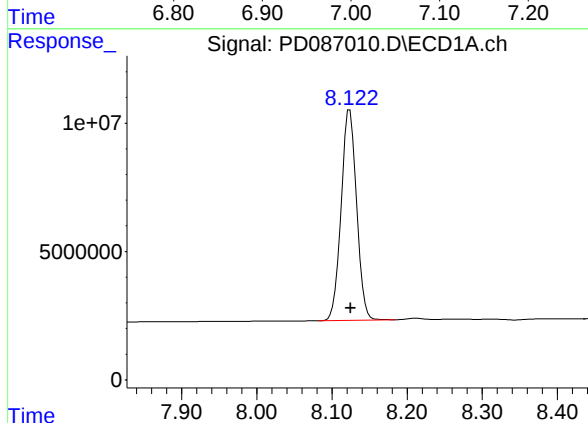
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2024
Supervised By :Ankita Jodhani 12/04/2024



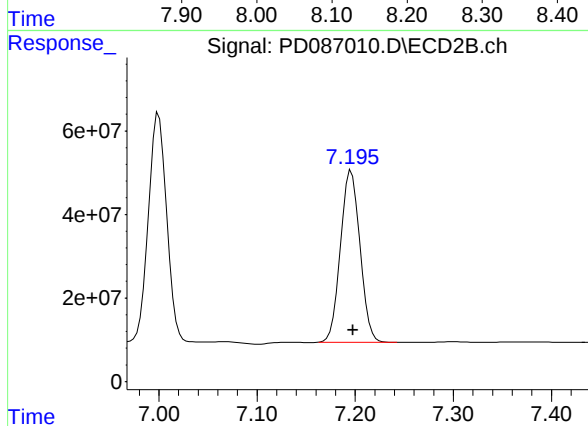
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: -0.002 min
Response: 710774175
Conc: 47.16 ng/ml



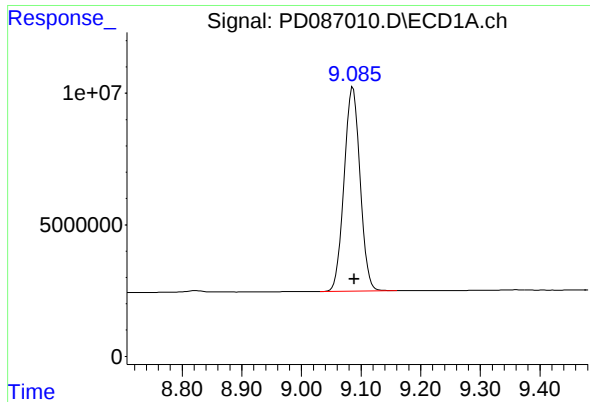
#22 Mirex

R.T.: 8.124 min
Delta R.T.: -0.001 min
Response: 117182372
Conc: 46.97 ng/ml



#22 Mirex

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 569243586
Conc: 46.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: -0.002 min
Response: 144081113
Conc: 45.29 ng/ml

Instrument :

ECD_D

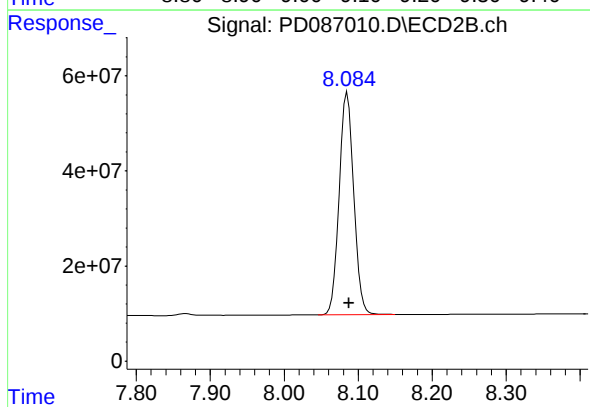
ClientSampleId :

PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 638172598
Conc: 45.80 ng/ml