

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
 Data File : PD081102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2024 23:54
 Operator : AR\AJ
 Sample : P1318-04MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CO-11-GRID-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/06/2024
 Supervised By :Ankita Jodhani 02/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 01:28:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 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...	3.566	2.796	27594070	46676961	19.438	19.513
28) SA Decachlor...	9.114	7.934	38929713	51294881	19.344	19.258
Target Compounds						
2) A alpha-BHC	4.023	3.297	121.6E6	187.0E6	48.975	48.740
3) MA gamma-BHC...	4.357	3.627	118.9E6	181.3E6	48.588	48.496
4) MA Heptachlor	4.949	3.967	120.3E6	173.7E6	48.792	50.364
5) MB Aldrin	5.293	4.248	113.2E6	170.7E6	46.119	46.865
6) B beta-BHC	4.551	3.922	48949303	73750696	48.376	47.198
7) B delta-BHC	4.800	4.152	122.4E6	180.8E6	48.778	48.166
8) B Heptachlo...	5.719	4.749	105.2E6	157.9E6	47.000	47.146
9) A Endosulfan I	6.106	5.119	100.4E6	148.3E6	48.404	48.410
10) B gamma-Chl...	5.976	4.999	108.7E6	161.6E6	49.646	49.401
11) B alpha-Chl...	6.055	5.063	105.5E6	159.0E6	48.438	48.621
12) B 4,4'-DDE	6.226	5.252	99696526	151.8E6	48.994	49.544
13) MA Dieldrin	6.382	5.383	108.4E6	166.2E6	49.067	48.870
14) MA Endrin	6.611	5.659	91612170	150.2E6	49.049m	50.670
15) B Endosulfa...	6.831	5.951	95088399	144.7E6	49.105	50.321
16) A 4,4'-DDD	6.744	5.805	82500454	130.0E6	50.210	49.507
17) MA 4,4'-DDT	7.059	6.056	89824005	129.7E6	50.438	48.904
18) B Endrin al...	6.960	6.131	70790088	105.1E6	46.537	46.631
19) B Endosulfa...	7.194	6.353	90998369	136.9E6	47.925	49.095
20) A Methoxychlor	7.533	6.631	47847687	71075007	46.487	45.408
21) B Endrin ke...	7.681	6.859	101.8E6	157.8E6	48.684	48.914
22) Mirex	8.158	7.043	77756015	116.7E6	47.143	46.324

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
Data File : PD081102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Feb 2024 23:54
Operator : AR\AJ
Sample : P1318-04MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

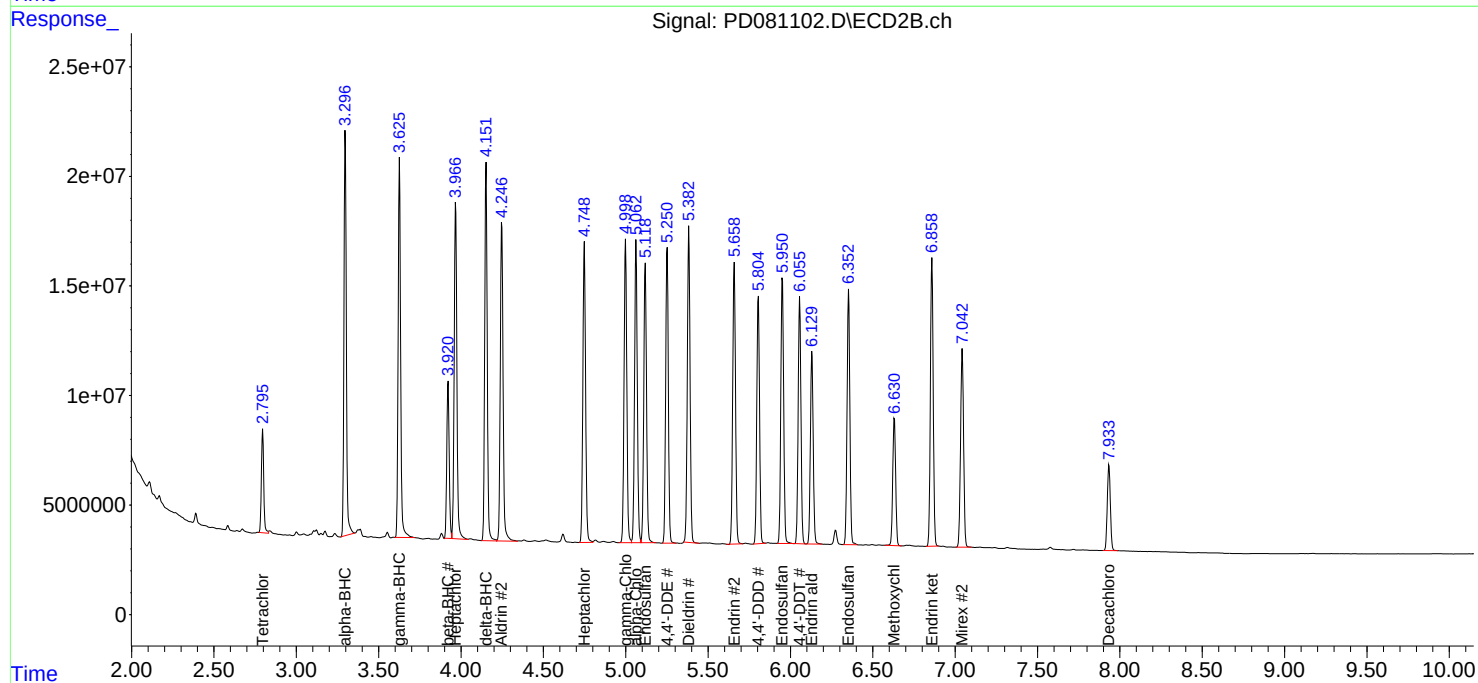
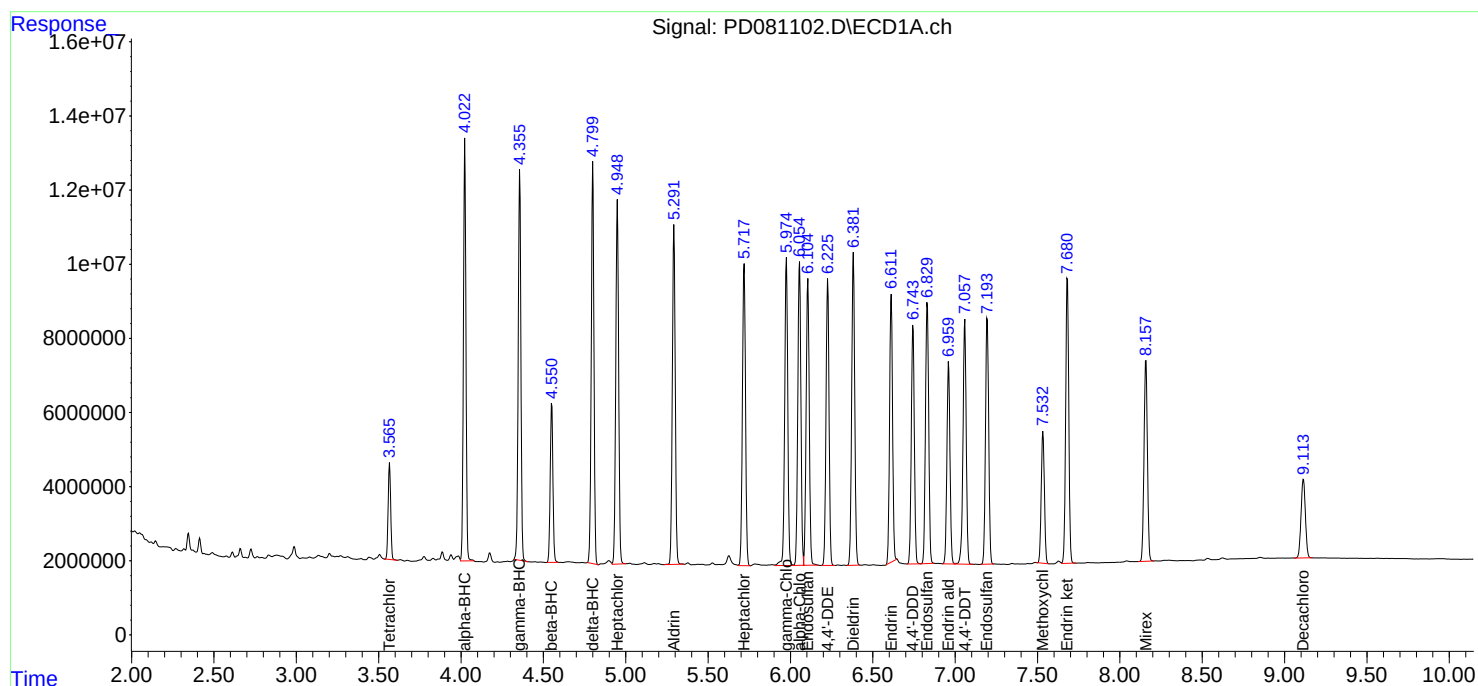
Instrument :
ECD_D
ClientSampleId :
CO-11-GRID-1MS

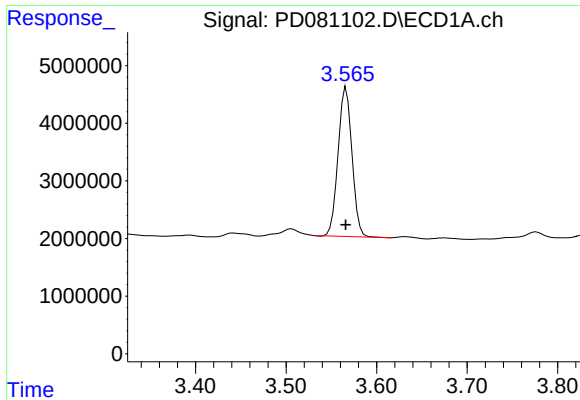
Manual Integrations
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Supervised By :Ankita Jodhani 02/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 01:28:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





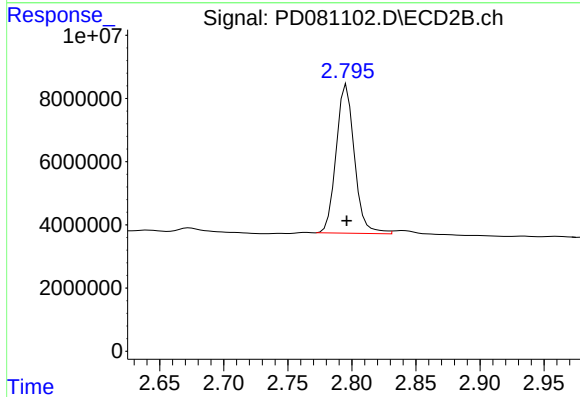
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 27594070
Conc: 19.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
CO-11-GRID-1MS

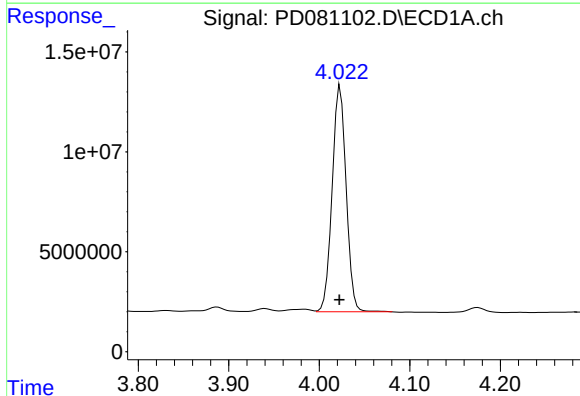
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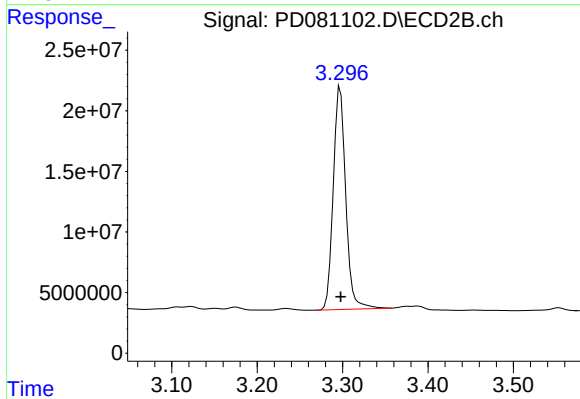
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 46676961
Conc: 19.51 ng/ml



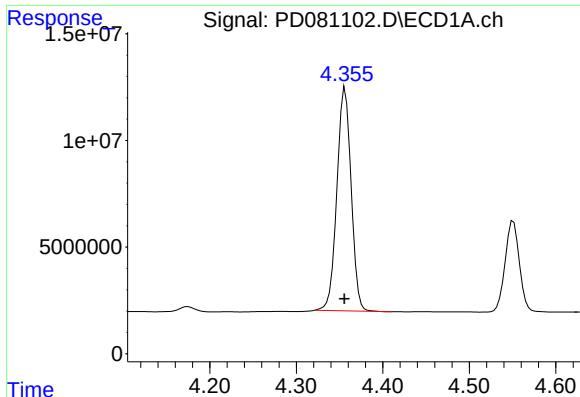
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 121646402
Conc: 48.98 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 187017808
Conc: 48.74 ng/ml



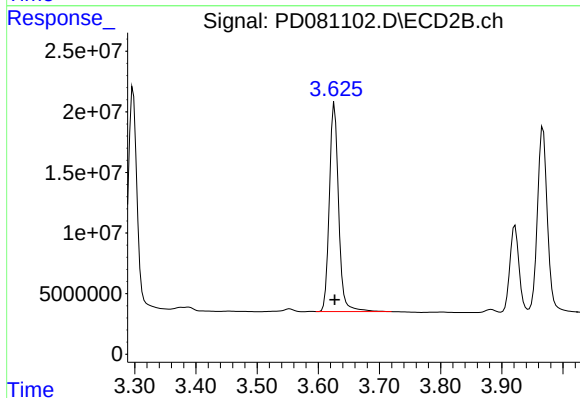
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.001 min
Response: 118925897
Conc: 48.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
CO-11-GRID-1MS

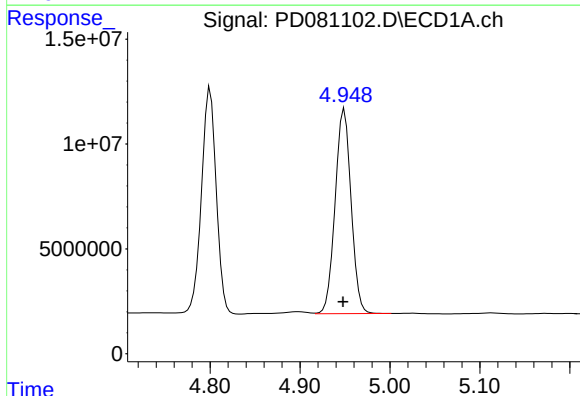
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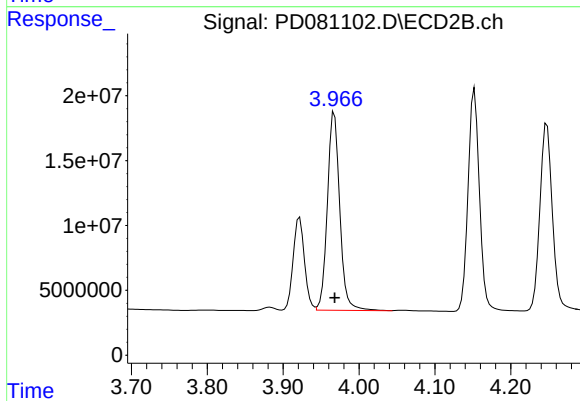
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 181323482
Conc: 48.50 ng/ml



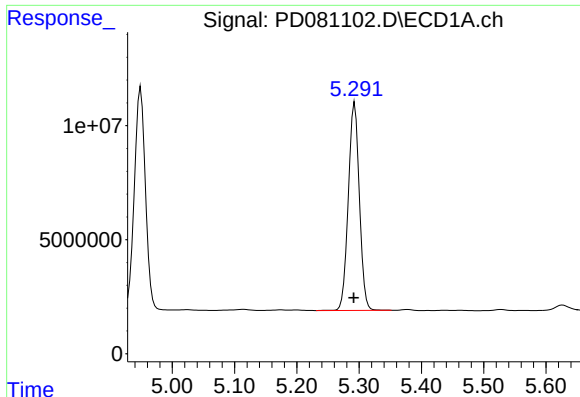
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.001 min
Response: 120339321
Conc: 48.79 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 173658722
Conc: 50.36 ng/ml



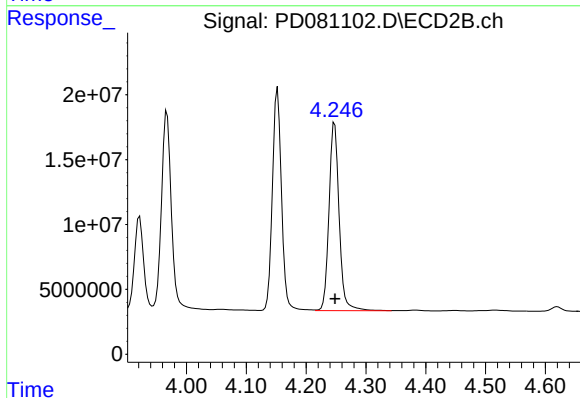
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.001 min
Response: 113203617
Conc: 46.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
CO-11-GRID-1MS

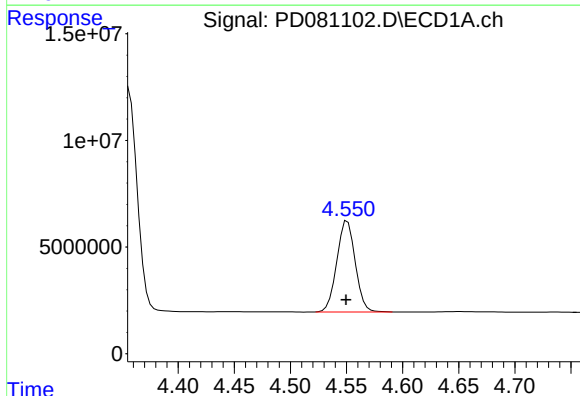
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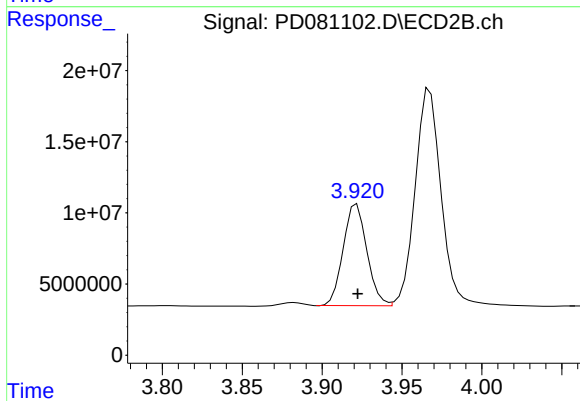
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 170683677
Conc: 46.87 ng/ml



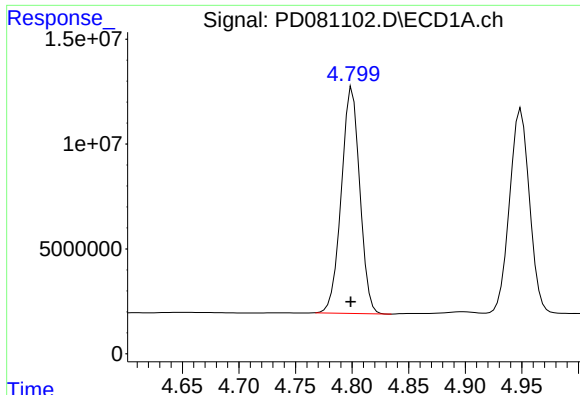
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 48949303
Conc: 48.38 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 73750696
Conc: 47.20 ng/ml



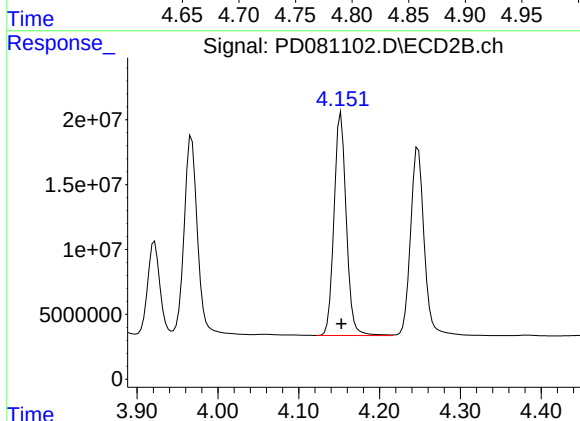
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.001 min
Response: 122372945
Conc: 48.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
CO-11-GRID-1MS

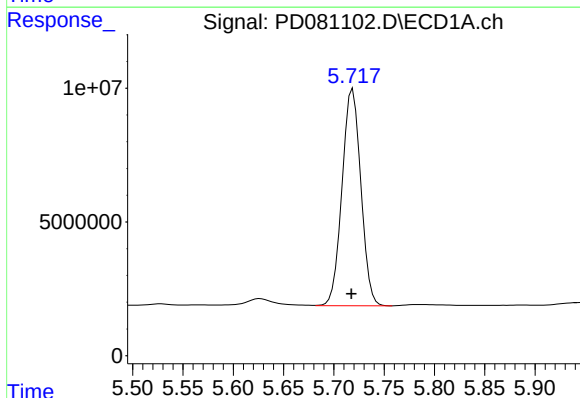
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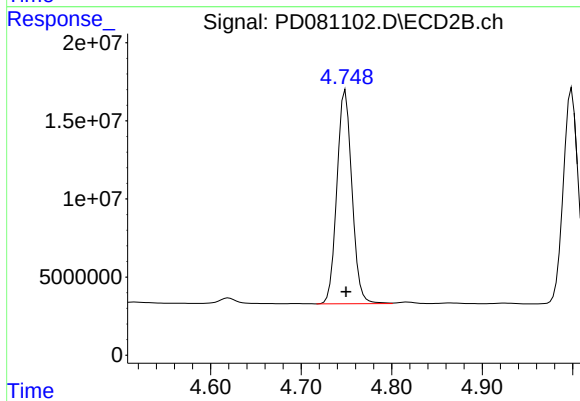
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 180766389
Conc: 48.17 ng/ml



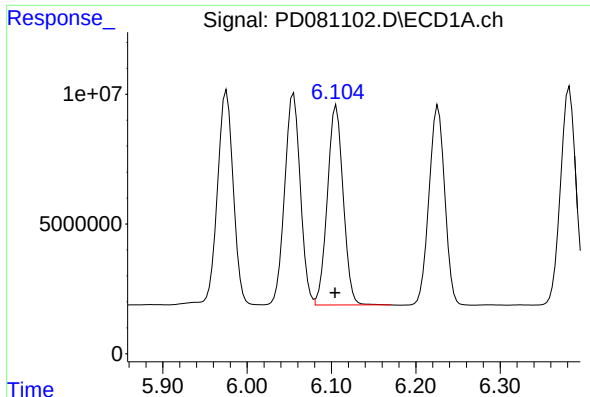
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.001 min
Response: 105242145
Conc: 47.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 157913808
Conc: 47.15 ng/ml



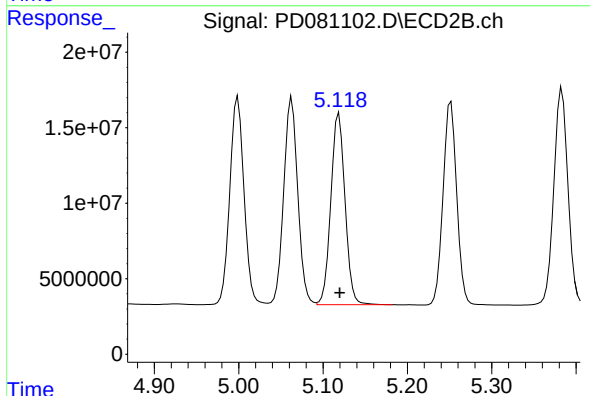
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 100393703
Conc: 48.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
CO-11-GRID-1MS

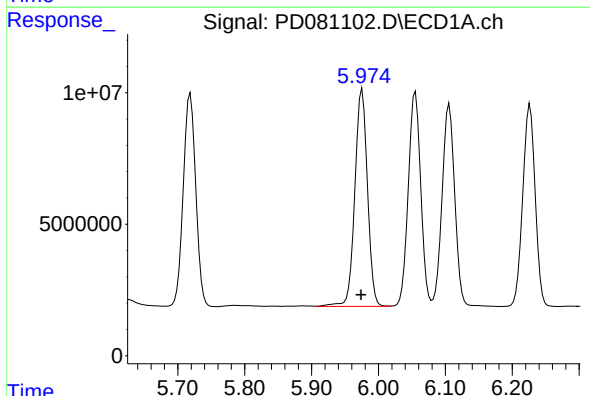
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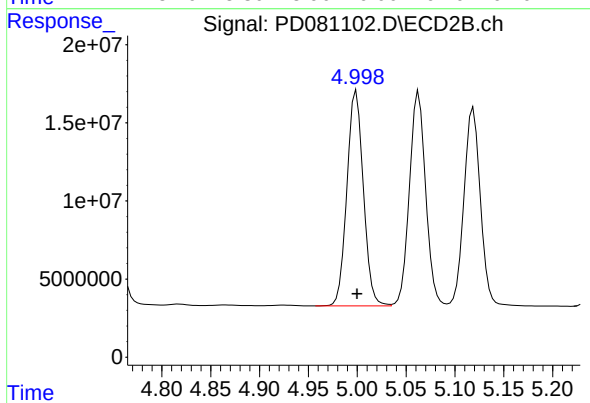
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 148267898
Conc: 48.41 ng/ml



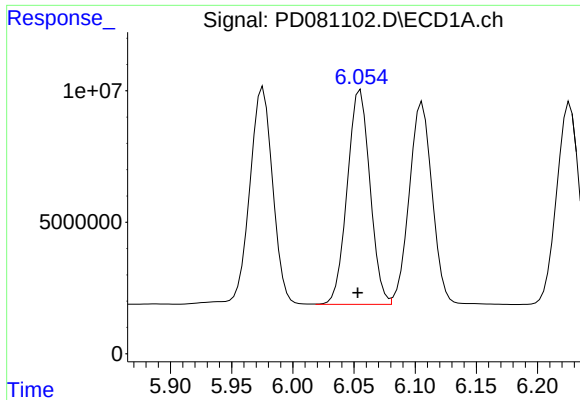
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.002 min
Response: 108680729
Conc: 49.65 ng/ml



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 161591516
Conc: 49.40 ng/ml



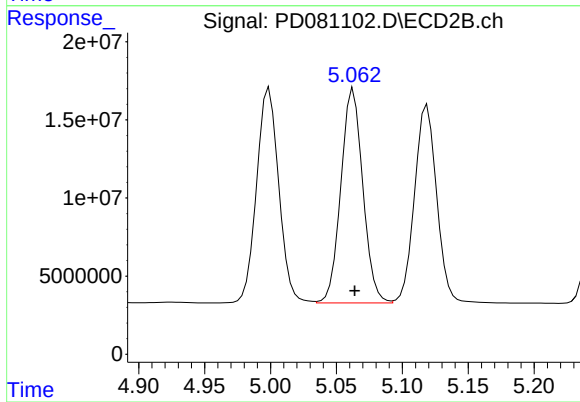
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 105468742
Conc: 48.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
CO-11-GRID-1MS

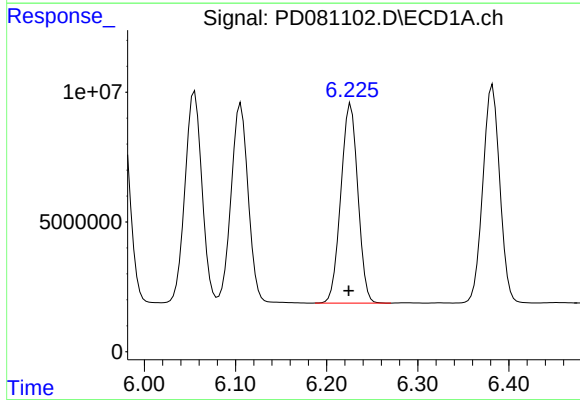
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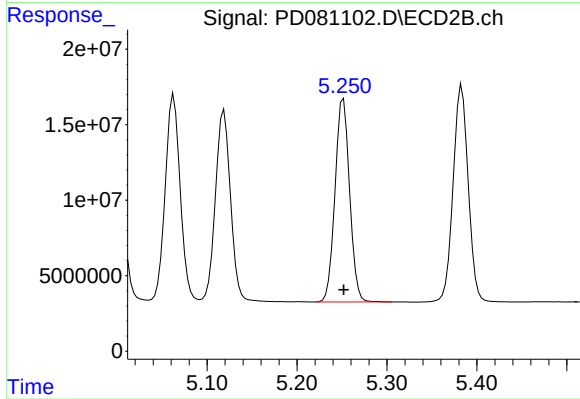
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: -0.001 min
Response: 158969213
Conc: 48.62 ng/ml



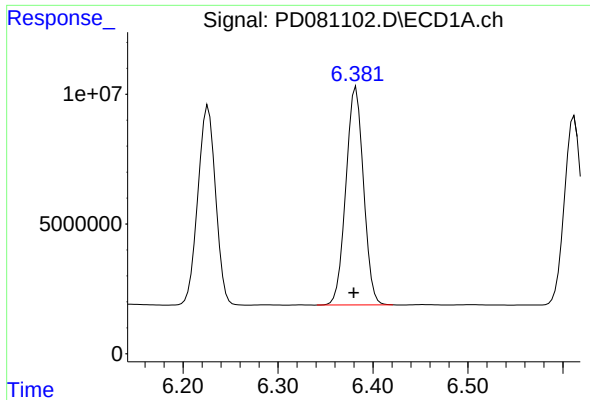
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 99696526
Conc: 48.99 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 151766213
Conc: 49.54 ng/ml



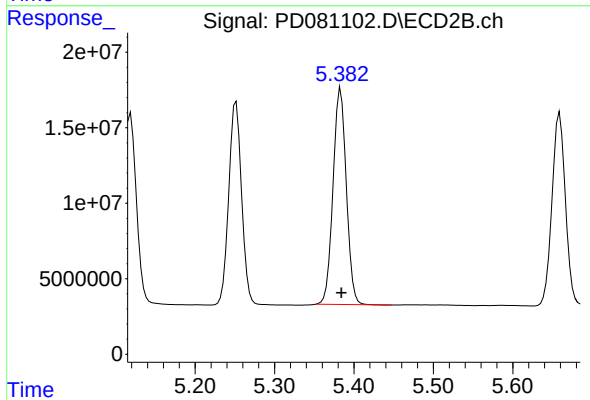
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 108423501
Conc: 49.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
CO-11-GRID-1MS

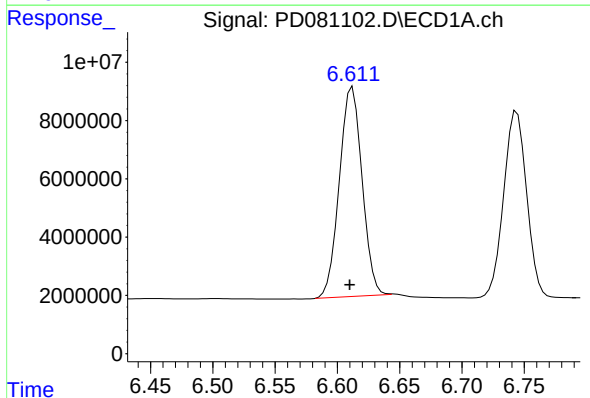
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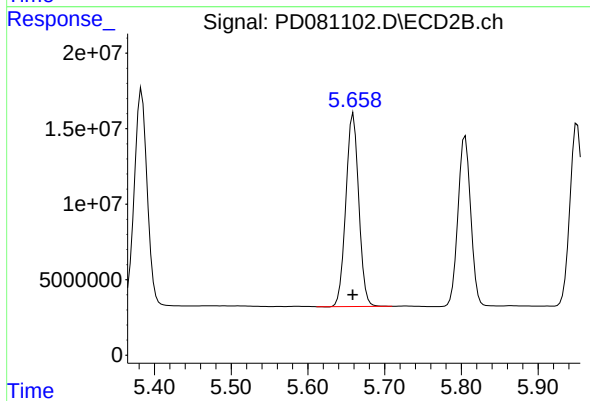
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 166198529
Conc: 48.87 ng/ml



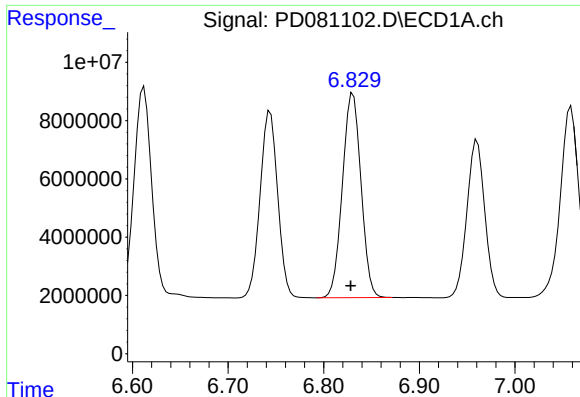
#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 91612170
Conc: 49.05 ng/ml m



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 150156299
Conc: 50.67 ng/ml



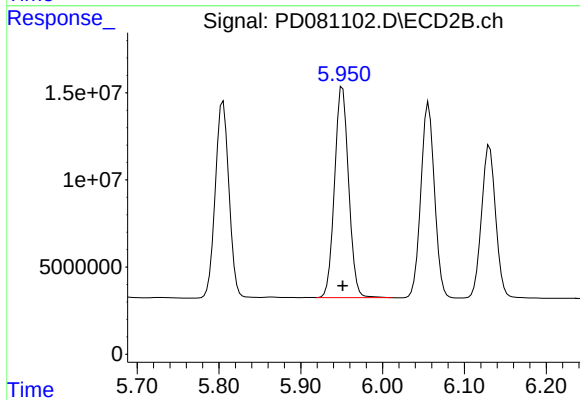
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.002 min
Response: 95088399
Conc: 49.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
CO-11-GRID-1MS

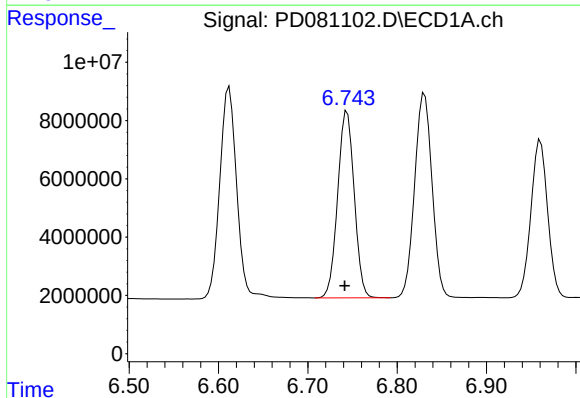
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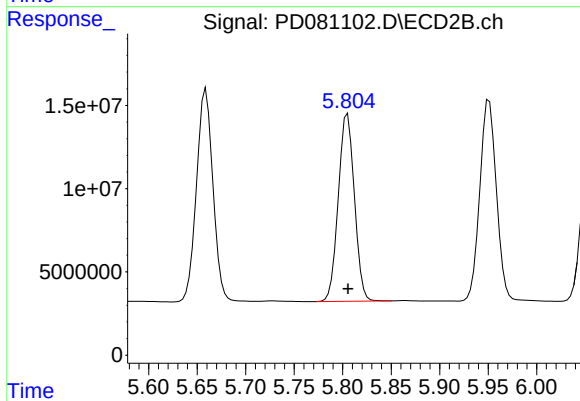
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 144718583
Conc: 50.32 ng/ml



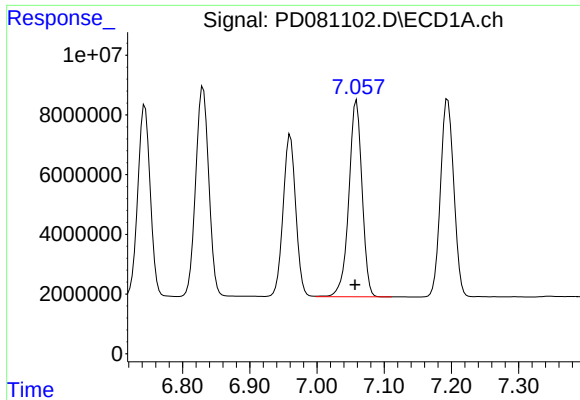
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.003 min
Response: 82500454
Conc: 50.21 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 129968645
Conc: 49.51 ng/ml



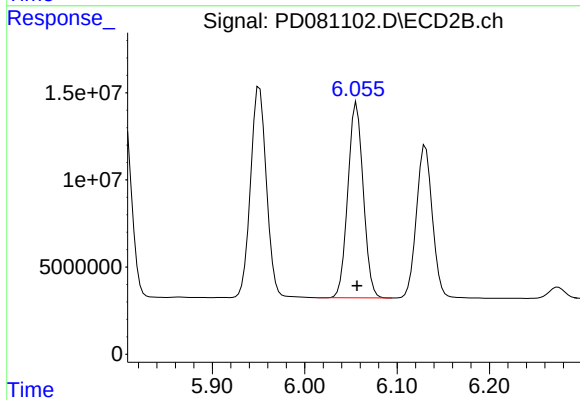
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.002 min
Response: 89824005
Conc: 50.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
CO-11-GRID-1MS

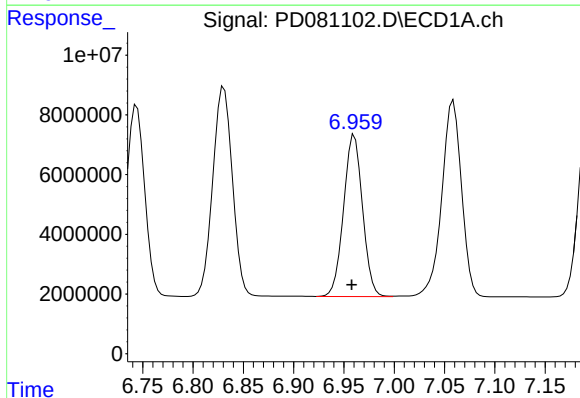
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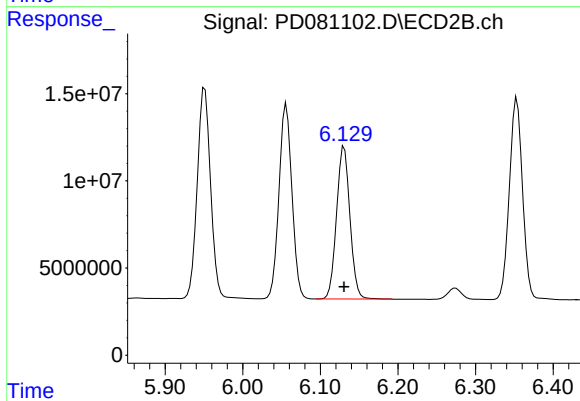
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 129745158
Conc: 48.90 ng/ml



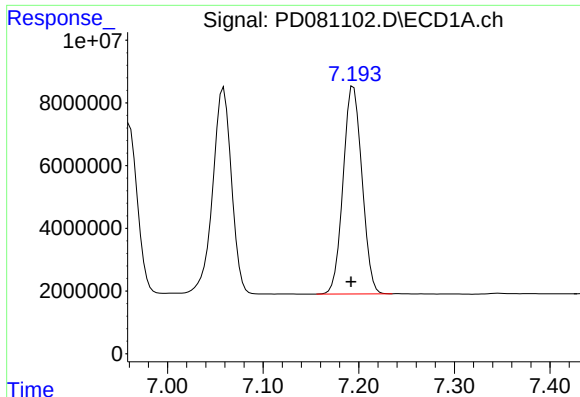
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.003 min
Response: 70790088
Conc: 46.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 105136007
Conc: 46.63 ng/ml



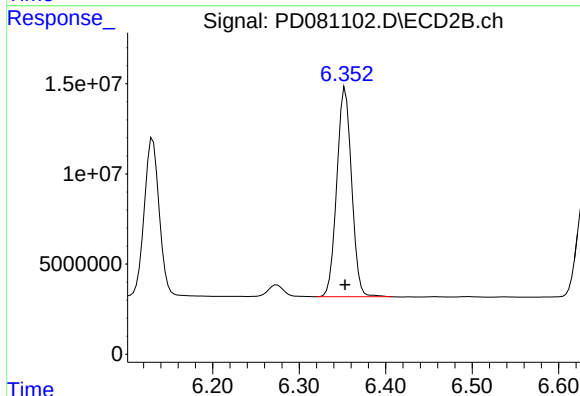
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: 0.002 min
Response: 90998369
Conc: 47.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
CO-11-GRID-1MS

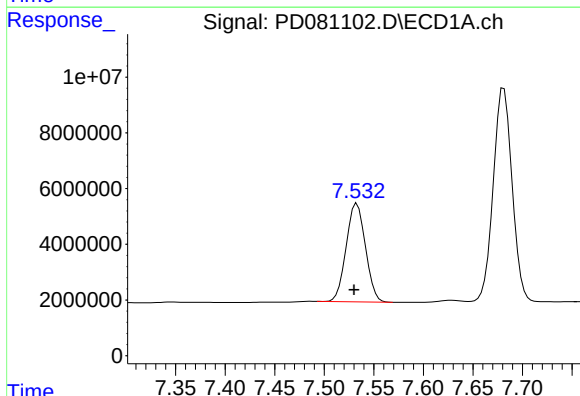
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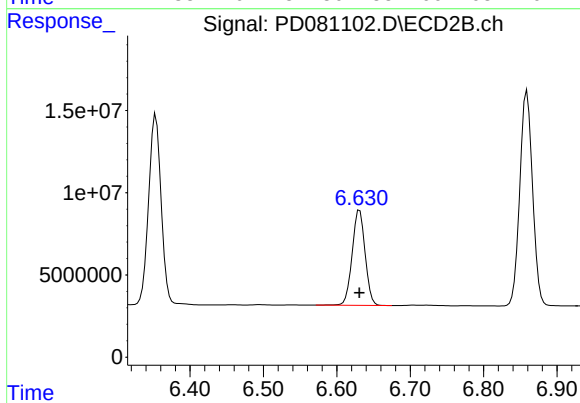
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 136944611
Conc: 49.10 ng/ml



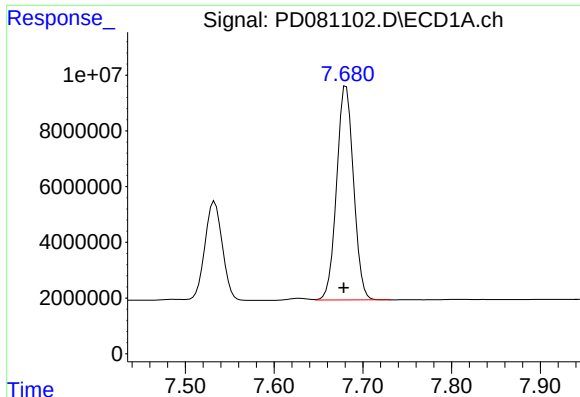
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 47847687
Conc: 46.49 ng/ml



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 71075007
Conc: 45.41 ng/ml



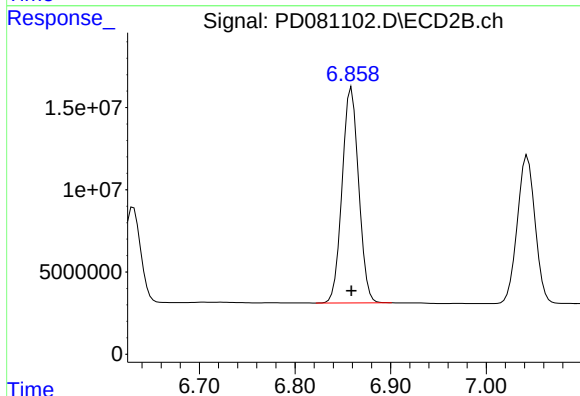
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.003 min
Response: 101809516
Conc: 48.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
CO-11-GRID-1MS

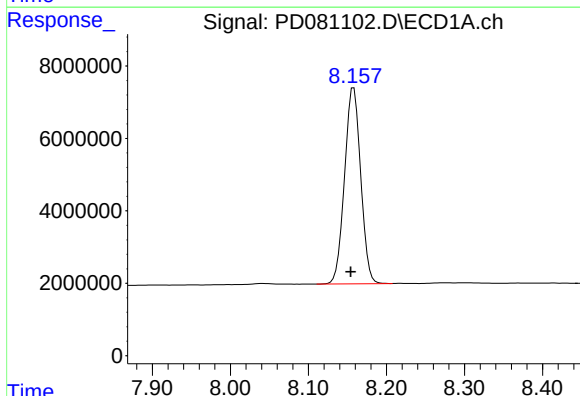
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Supervised By :Ankita Jodhani 02/06/2024



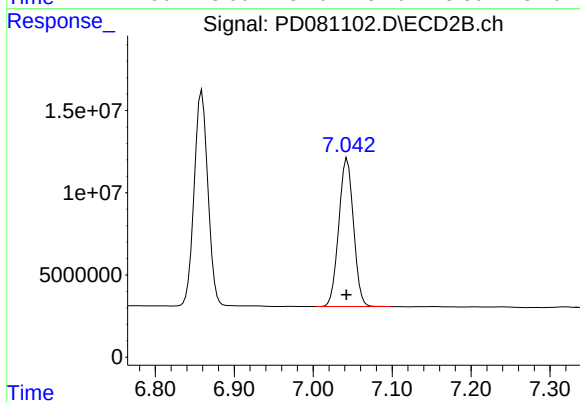
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 157845092
Conc: 48.91 ng/ml



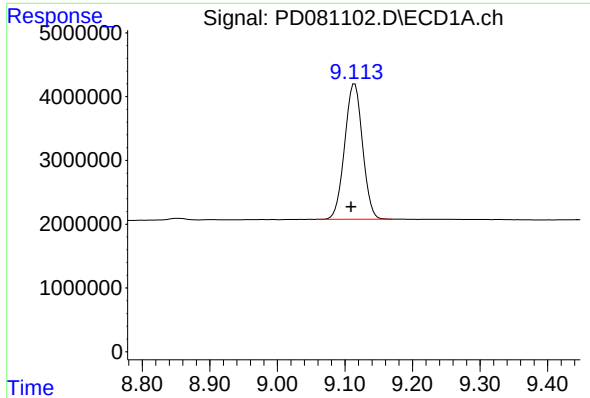
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.004 min
Response: 77756015
Conc: 47.14 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 116734127
Conc: 46.32 ng/ml



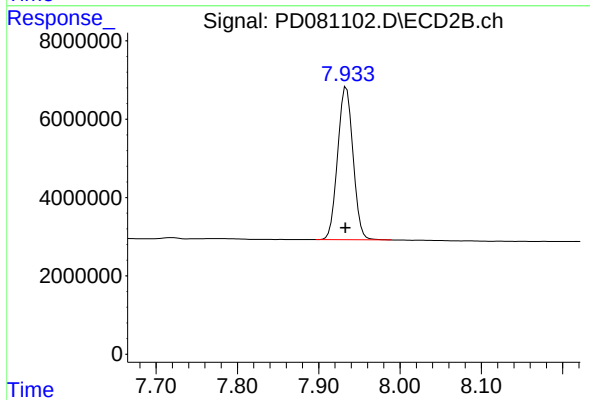
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.006 min
Response: 38929713
Conc: 19.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
CO-11-GRID-1MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/06/2024
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#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.001 min
Response: 51294881
Conc: 19.26 ng/ml