

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021424\
 Data File : PD081348.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2024 17:56
 Operator : AR\AJ
 Sample : PB158972BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB158972BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/14/2024
 Supervised By :Ankita Jodhani 02/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 01:36:57 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...	3.565	2.794	31631259	53613270	22.282	22.412
28)	SA Decachlor...	9.117	7.934	42639355	57587316	21.188	21.620
Target Compounds							
2)	A alpha-BHC	4.022	3.296	109.7E6	176.9E6	44.185	46.098
3)	MA gamma-BHC...	4.356	3.625	106.7E6	168.2E6	43.605	44.982
4)	MA Heptachlor	4.949	3.966	112.2E6	162.4E6	45.511	47.106
5)	MB Aldrin	5.292	4.245	108.0E6	157.6E6	44.008	43.286m
6)	B beta-BHC	4.550	3.920	45536346	69803182	45.003	44.671
7)	B delta-BHC	4.800	4.151	110.5E6	164.8E6	44.049	43.925
8)	B Heptachlo...	5.719	4.748	99127378	147.8E6	44.269	44.120
9)	A Endosulfan I	6.106	5.118	94325715	138.1E6	45.479	45.102
10)	B gamma-Chl...	5.975	4.998	100.1E6	149.8E6	45.728	45.794
11)	B alpha-Chl...	6.055	5.062	99066616	147.6E6	45.497	45.154
12)	B 4,4'-DDE	6.226	5.251	94478003	140.4E6	46.429	45.833
13)	MA Dieldrin	6.382	5.383	100.2E6	153.4E6	45.328	45.101
14)	MA Endrin	6.613	5.658	82941698	136.0E6	44.407	45.883
15)	B Endosulfa...	6.831	5.951	85626619	133.1E6	44.219	46.297
16)	A 4,4'-DDD	6.745	5.805	75523370	121.2E6	45.963	46.184
17)	MA 4,4'-DDT	7.060	6.056	80004753	121.7E6	44.924	45.877
18)	B Endrin al...	6.961	6.130	66361857	102.9E6	43.626	45.642
19)	B Endosulfa...	7.196	6.353	83335921	128.4E6	43.890	46.016
20)	A Methoxychlor	7.534	6.630	44633084	67287089	43.363	42.988
21)	B Endrin ke...	7.683	6.860	94601458	149.0E6	45.237	46.163
22)	Mirex	8.159	7.043	71686809	110.9E6	43.463	44.020

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021424\
Data File : PD081348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2024 17:56
Operator : AR\AJ
Sample : PB158972BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

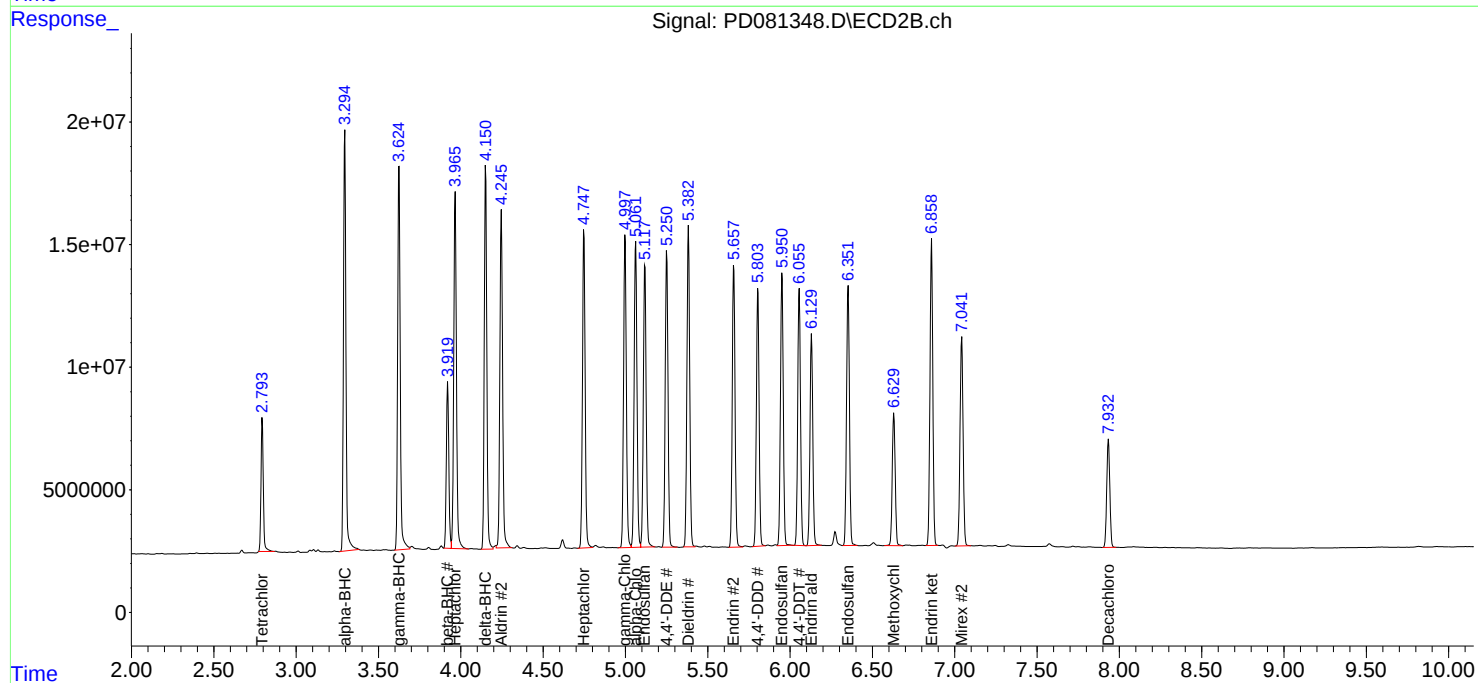
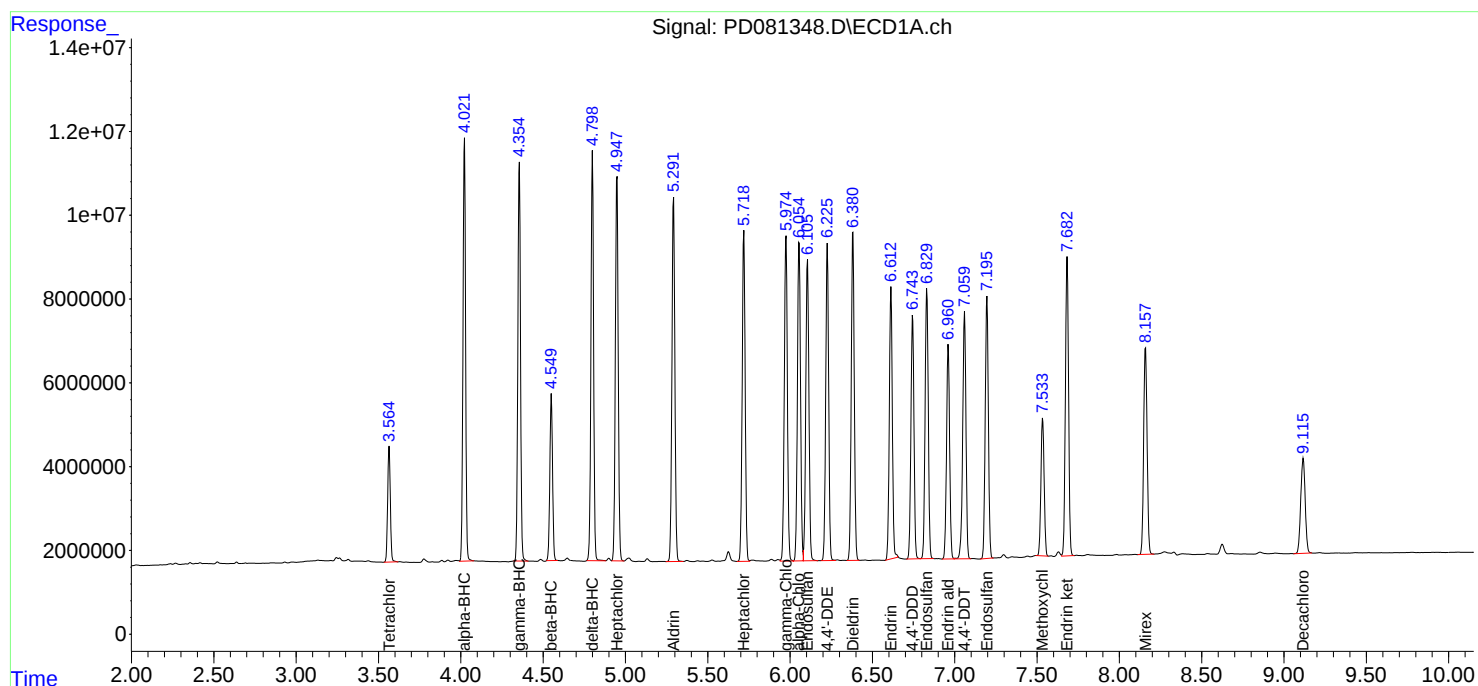
Instrument :
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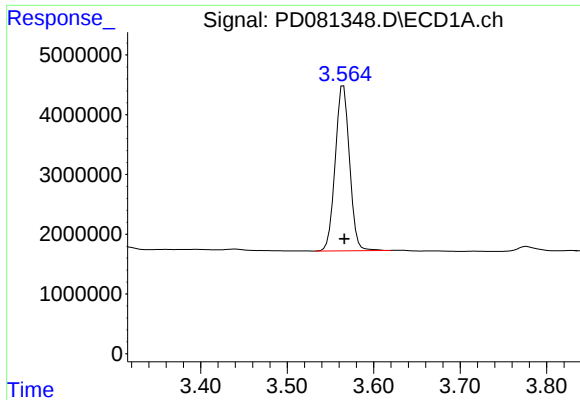
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 01:36:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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Volume Inj. : 1 µl
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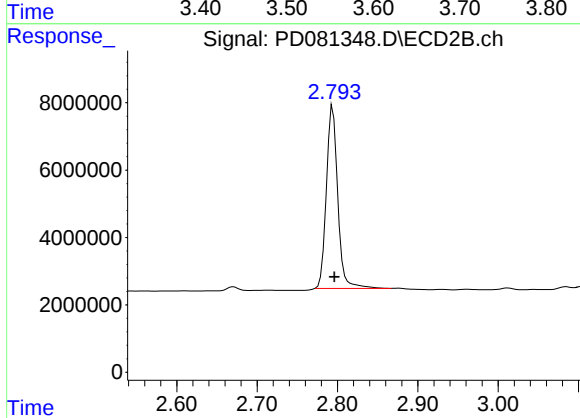
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 31631259
Conc: 22.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BSD

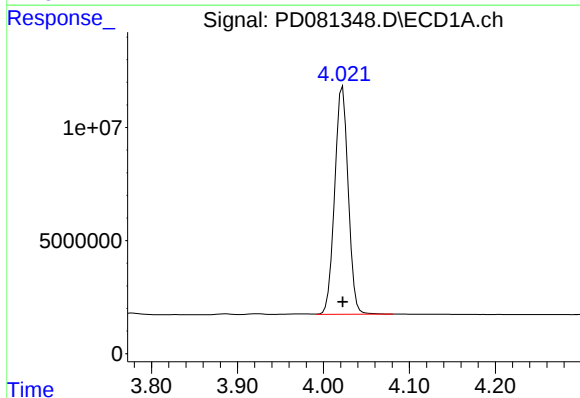
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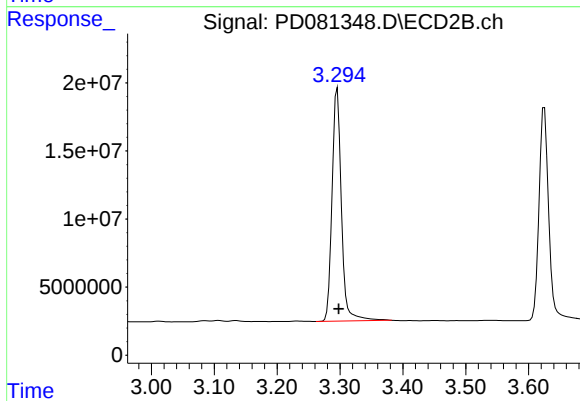
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 53613270
Conc: 22.41 ng/ml



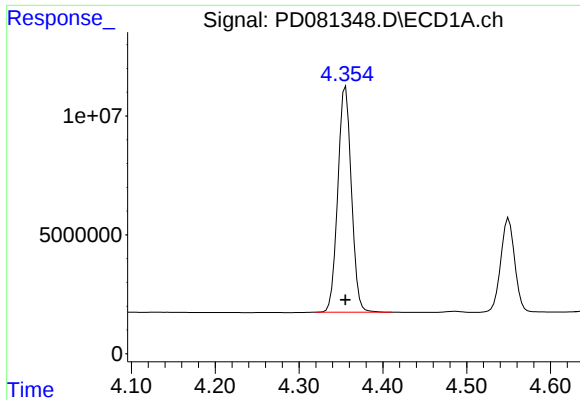
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 109748669
Conc: 44.18 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 176880716
Conc: 46.10 ng/ml



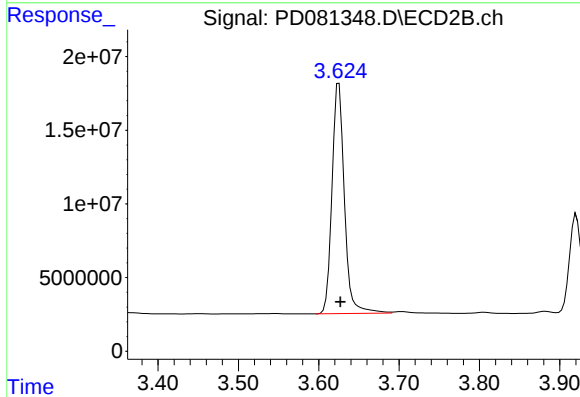
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 106728884
Conc: 43.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BSD

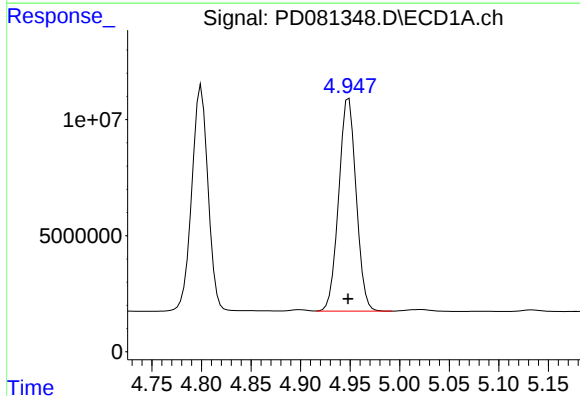
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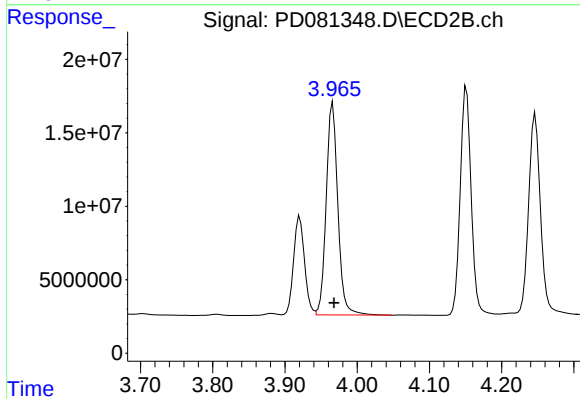
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 168184084
Conc: 44.98 ng/ml



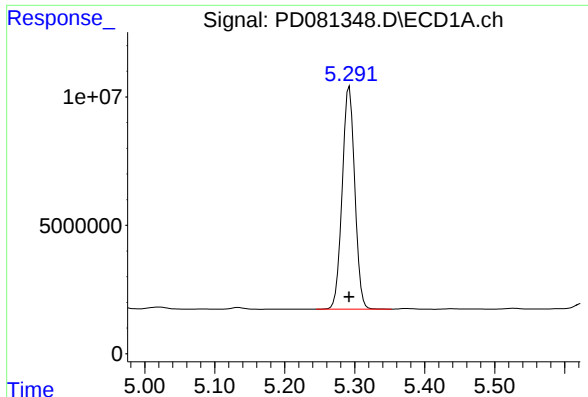
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 112246804
Conc: 45.51 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 162426021
Conc: 47.11 ng/ml



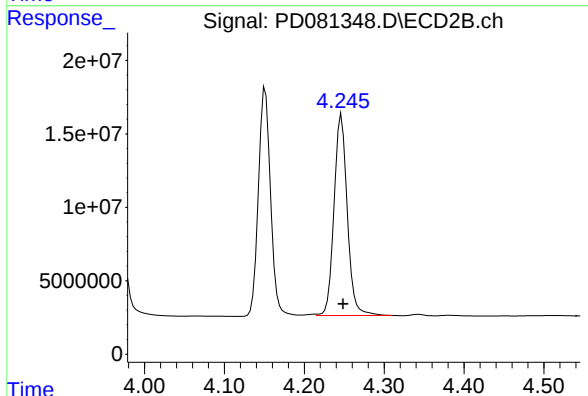
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 108023205
Conc: 44.01 ng/ml

Instrument :
ECD_D
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PB158972BSD

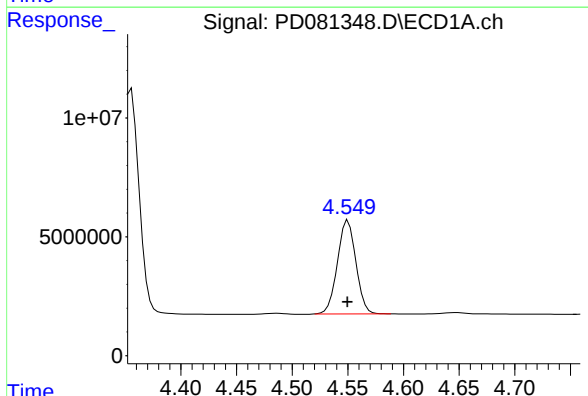
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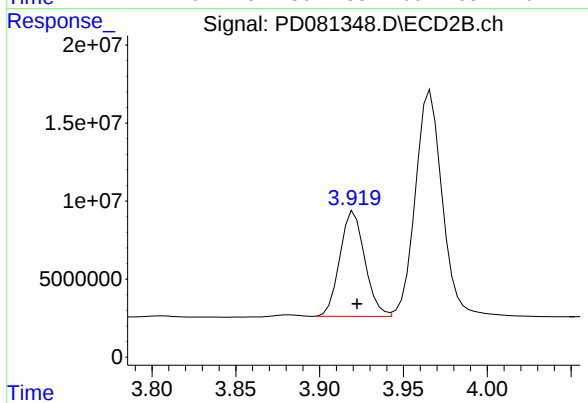
#5 Aldrin

R.T.: 4.245 min
Delta R.T.: -0.003 min
Response: 157648267
Conc: 43.29 ng/ml m



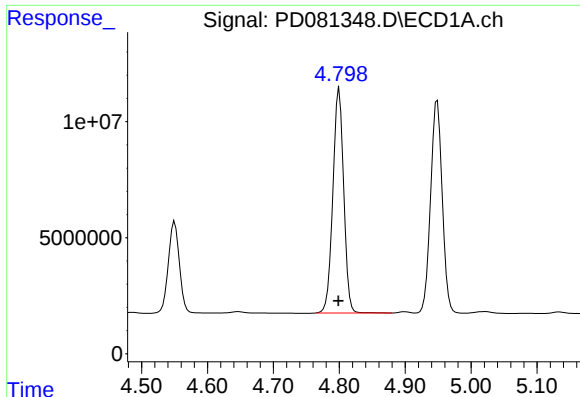
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 45536346
Conc: 45.00 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 69803182
Conc: 44.67 ng/ml



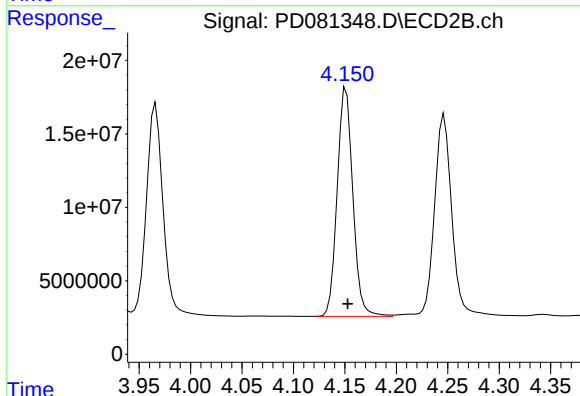
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 110508738
Conc: 44.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BSD

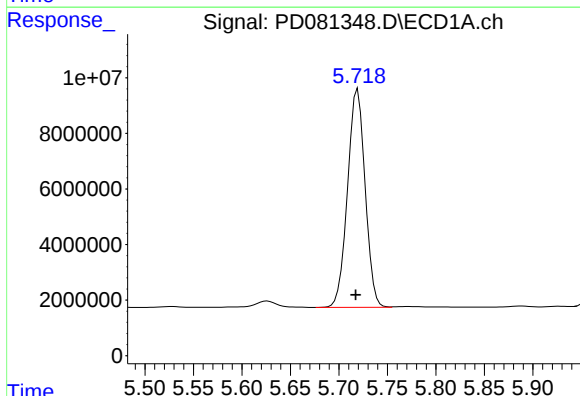
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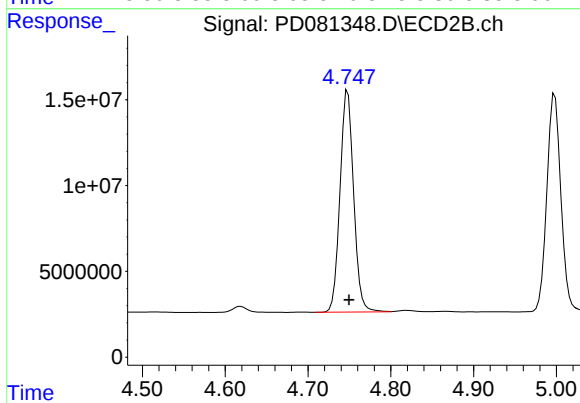
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 164849827
Conc: 43.92 ng/ml



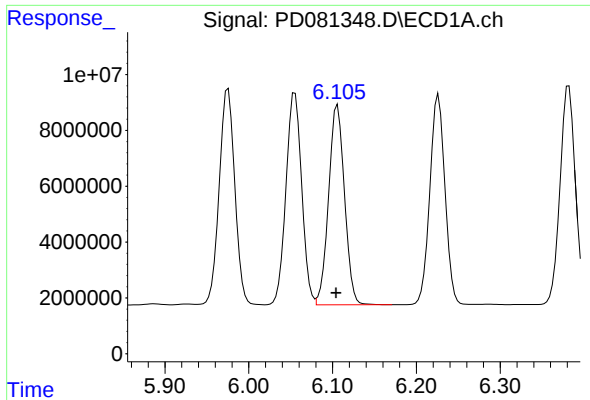
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.002 min
Response: 99127378
Conc: 44.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 147778790
Conc: 44.12 ng/ml



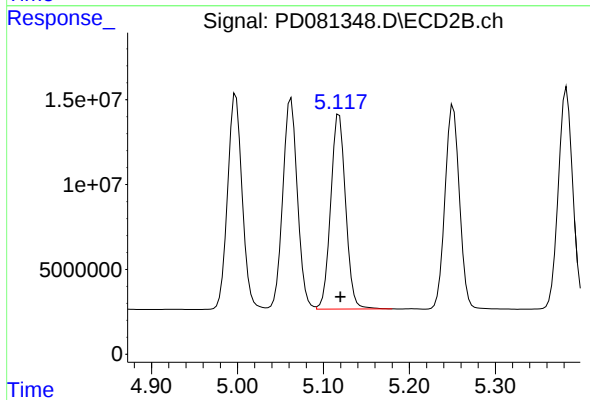
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 94325715
Conc: 45.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BSD

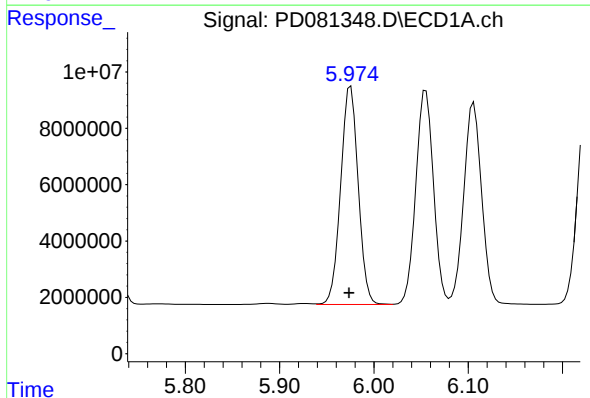
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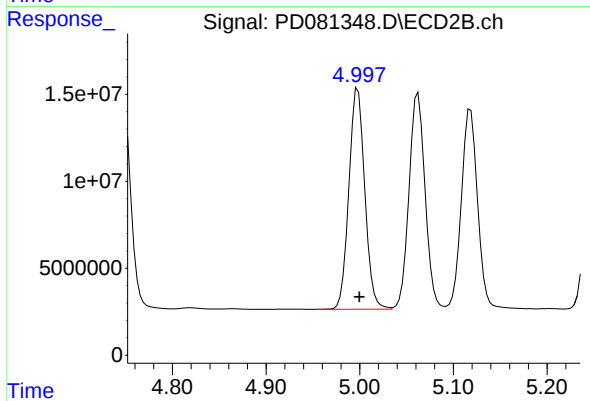
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 138137512
Conc: 45.10 ng/ml



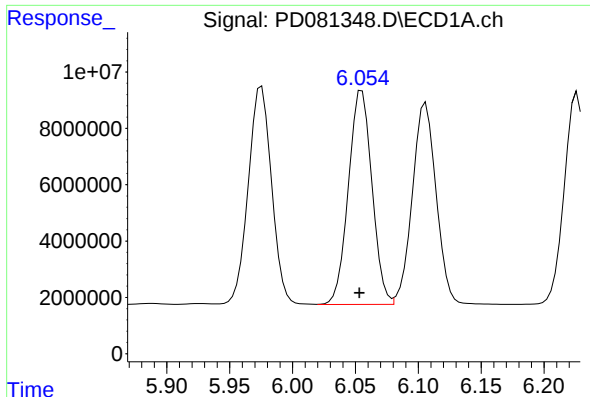
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.002 min
Response: 100104306
Conc: 45.73 ng/ml



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 149791965
Conc: 45.79 ng/ml



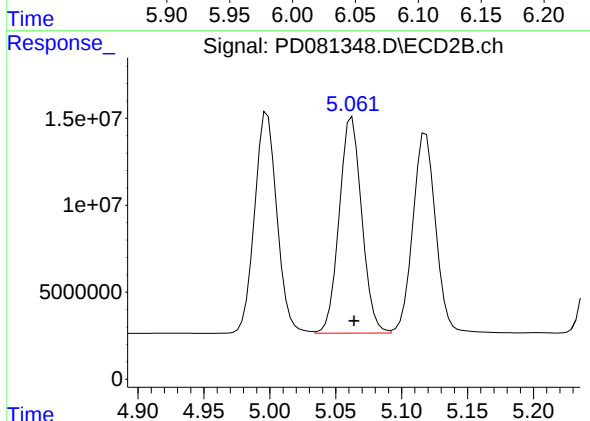
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 99066616
Conc: 45.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BSD

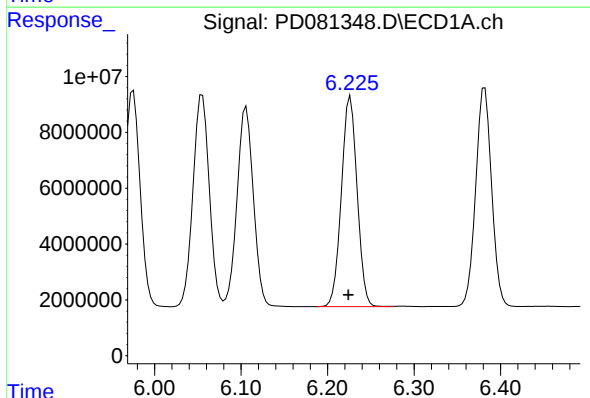
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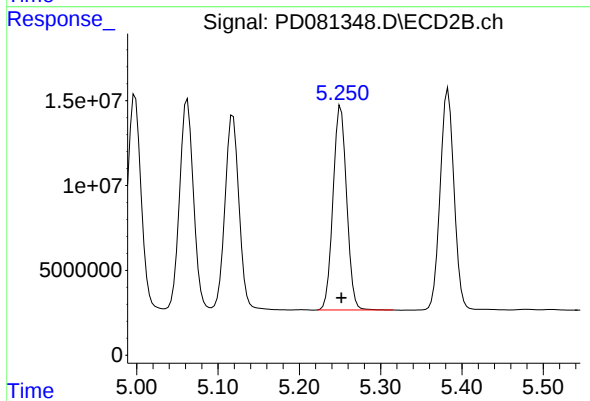
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 147632921
Conc: 45.15 ng/ml



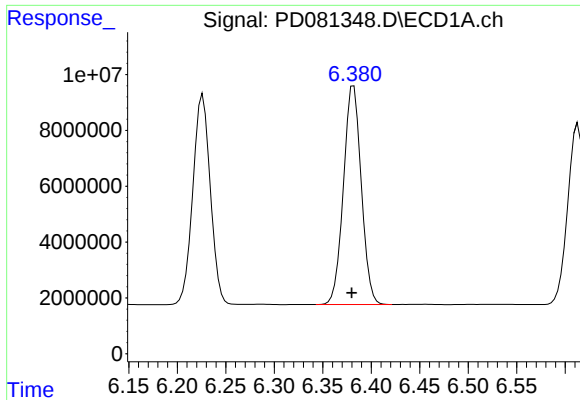
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 94478003
Conc: 46.43 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 140397109
Conc: 45.83 ng/ml



#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 100160560
Conc: 45.33 ng/ml

Instrument :

ECD_D

ClientSampleId :

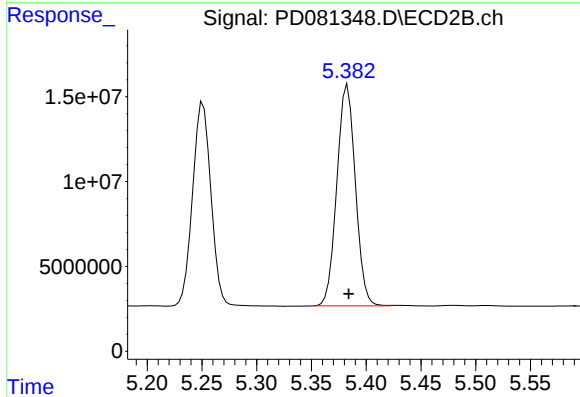
PB158972BSD

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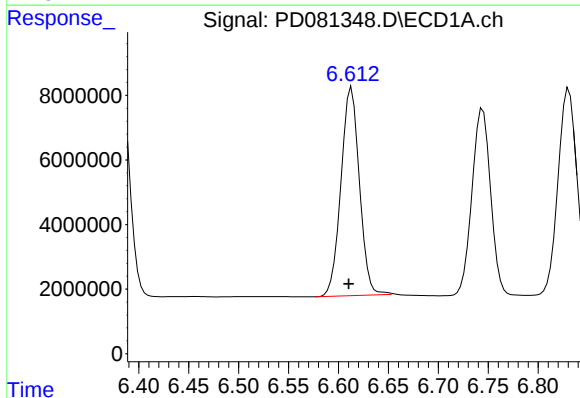
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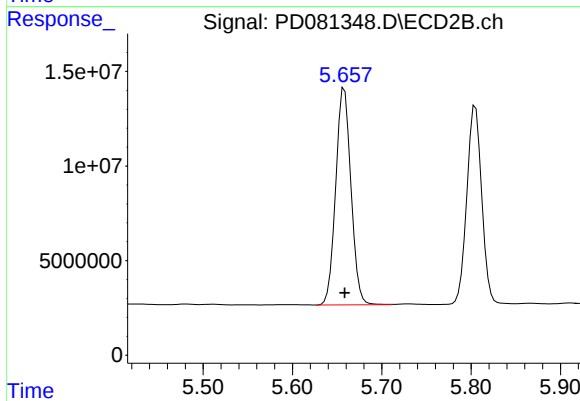
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: -0.001 min
Response: 153380241
Conc: 45.10 ng/ml



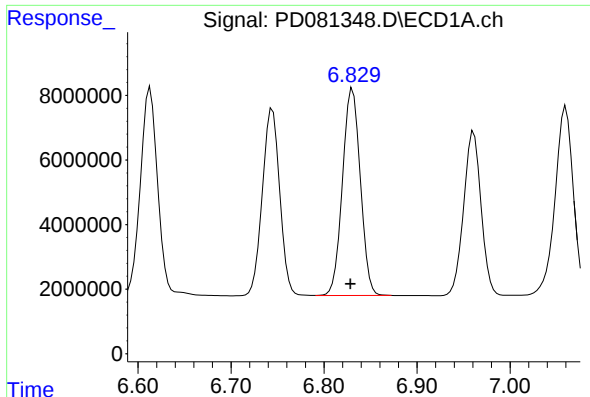
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 82941698
Conc: 44.41 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 135968001
Conc: 45.88 ng/ml



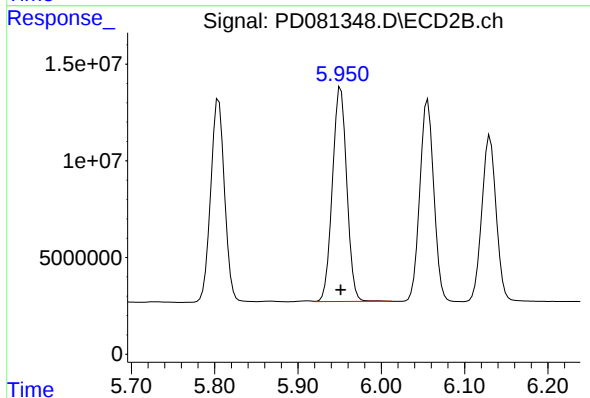
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.002 min
Response: 85626619
Conc: 44.22 ng/ml

Instrument :
ECD_D
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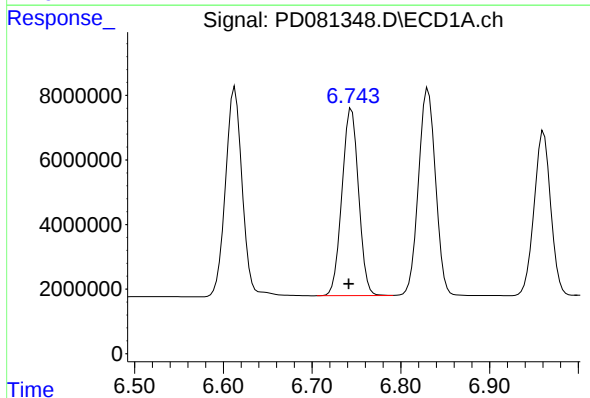
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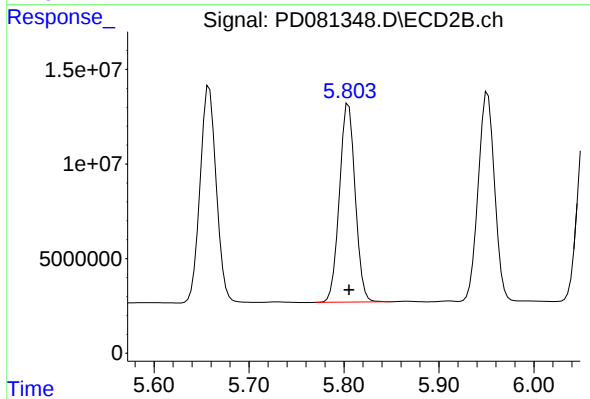
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 133147134
Conc: 46.30 ng/ml



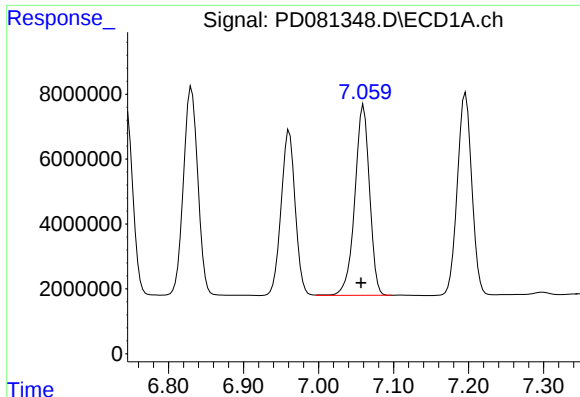
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.003 min
Response: 75523370
Conc: 45.96 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 121245080
Conc: 46.18 ng/ml



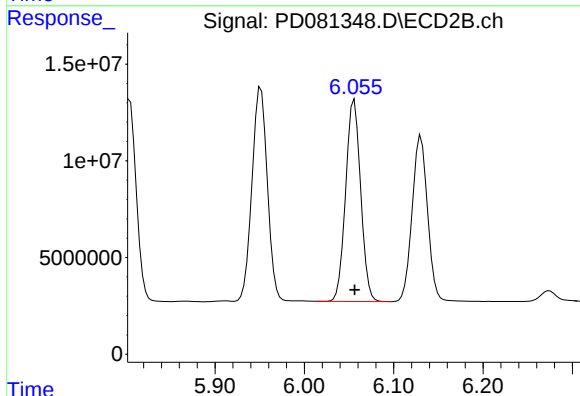
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.003 min
Response: 80004753
Conc: 44.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BSD

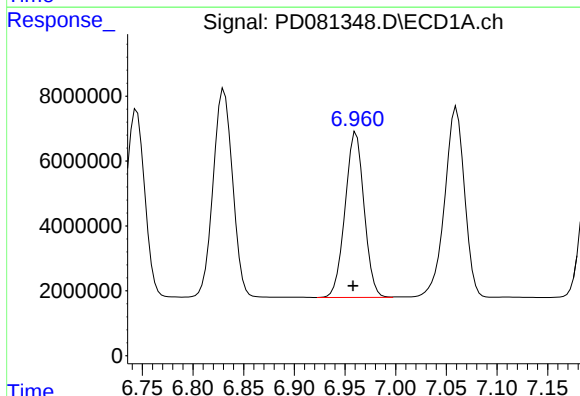
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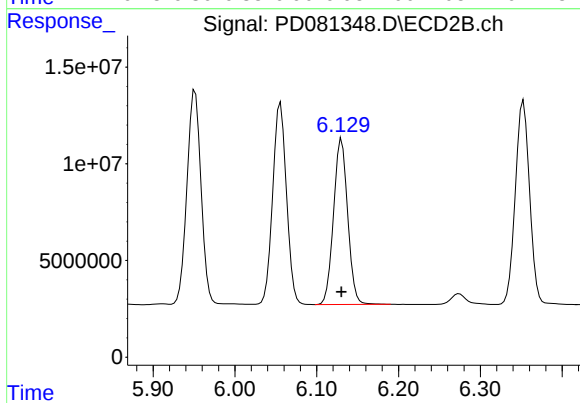
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 121714706
Conc: 45.88 ng/ml



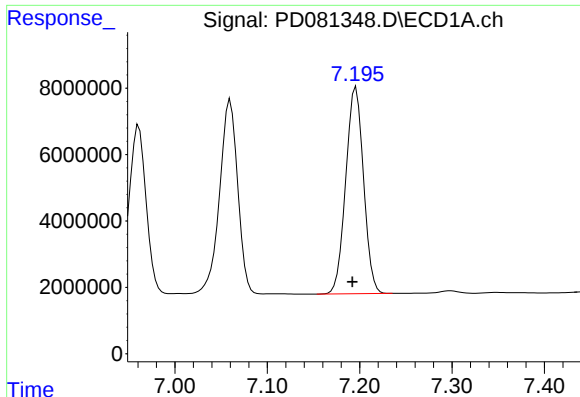
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.003 min
Response: 66361857
Conc: 43.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 102906947
Conc: 45.64 ng/ml



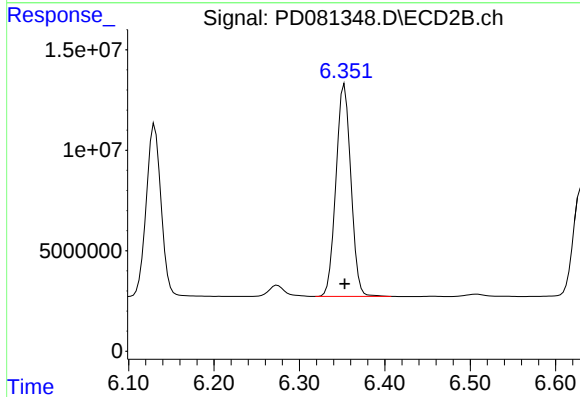
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.004 min
Response: 83335921
Conc: 43.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BSD

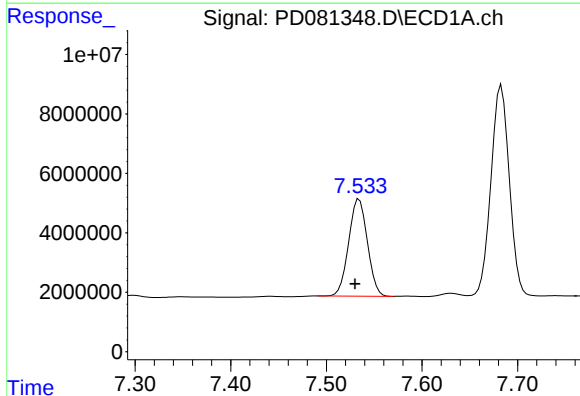
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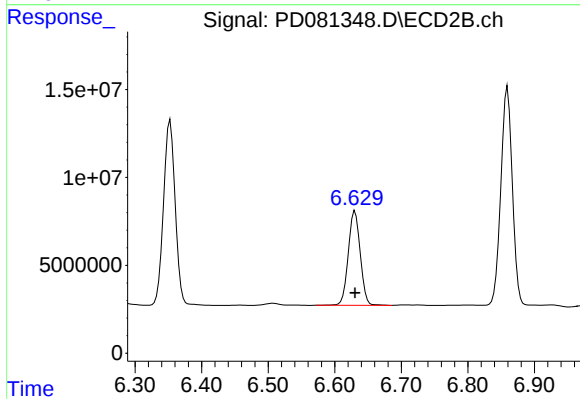
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 128355433
Conc: 46.02 ng/ml



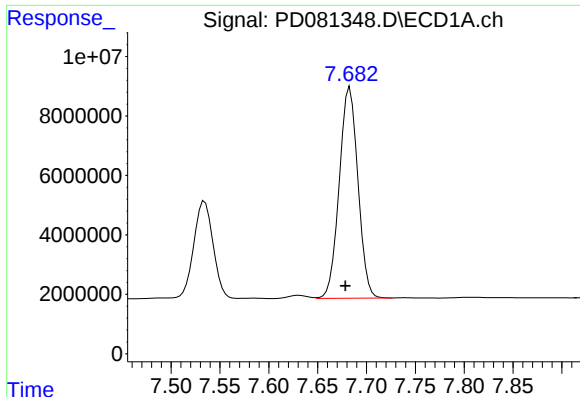
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.004 min
Response: 44633084
Conc: 43.36 ng/ml



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 67287089
Conc: 42.99 ng/ml



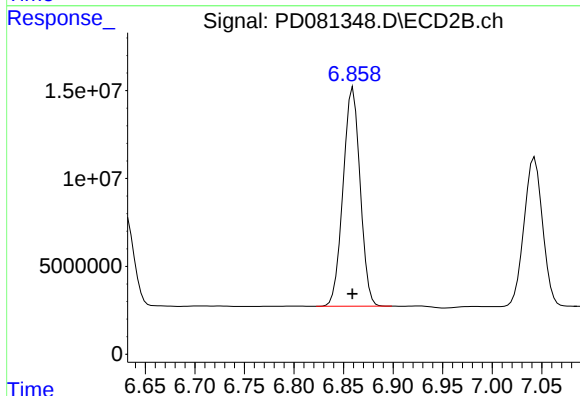
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.004 min
Response: 94601458
Conc: 45.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BSD

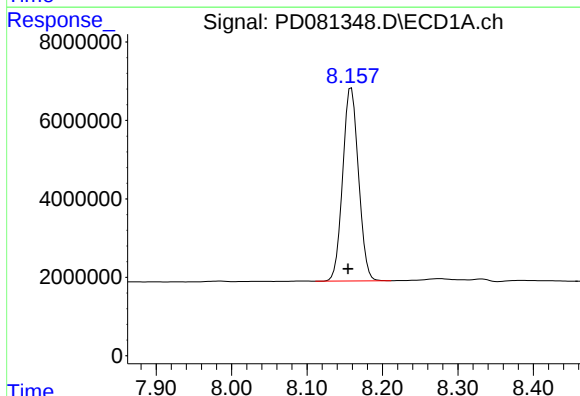
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/14/2024
Supervised By :Ankita Jodhani 02/14/2024



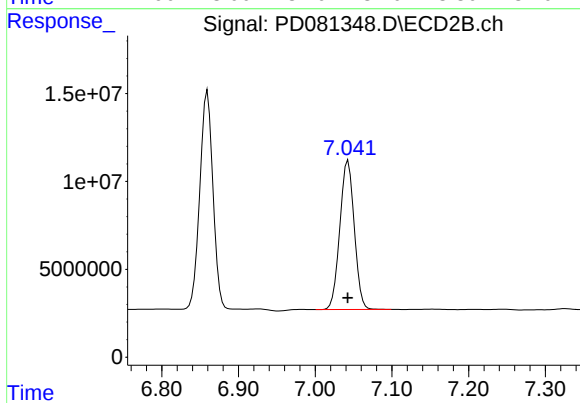
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 148968617
Conc: 46.16 ng/ml



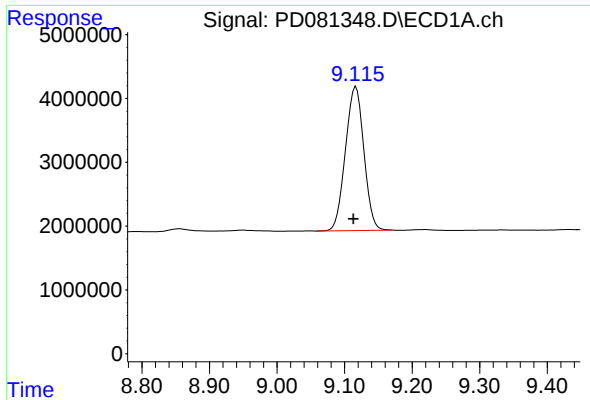
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.005 min
Response: 71686809
Conc: 43.46 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 110929507
Conc: 44.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.004 min
Response: 42639355
Conc: 21.19 ng/ml

Instrument :

ECD_D

ClientSampleId :

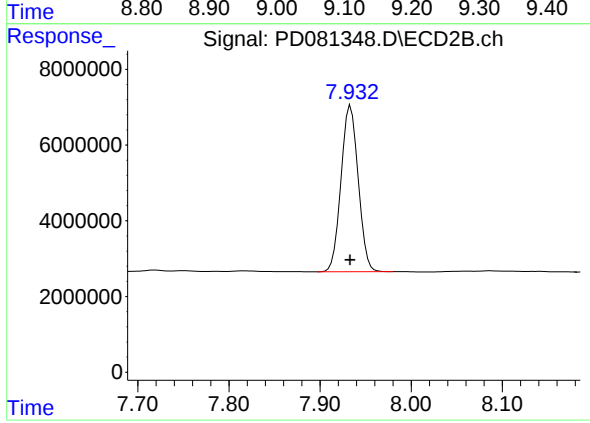
PB158972BSD

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#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 57587316
Conc: 21.62 ng/ml