

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021424\
 Data File : PD081337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2024 14:51
 Operator : AR\AJ
 Sample : P1414-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-6(15-16)MSD

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 01:33:33 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	29095654	52753197	20.496	22.053
28)	SA Decachlor...	9.116	7.933	36207577	47922078	17.992	17.991
Target Compounds							
2)	A alpha-BHC	4.022	3.296	118.1E6	186.5E6	47.535	48.600
3)	MA gamma-BHC...	4.356	3.626	114.8E6	178.7E6	46.897	47.783
4)	MA Heptachlor	4.948	3.967	122.1E6	173.6E6	49.506	50.349
5)	MB Aldrin	5.292	4.247	115.5E6	170.6E6	47.070	46.834
6)	B beta-BHC	4.551	3.921	49705605	74541477	49.124	47.704
7)	B delta-BHC	4.800	4.152	115.8E6	175.1E6	46.166	46.644
8)	B Heptachlo...	5.718	4.748	102.6E6	155.7E6	45.832	46.481
9)	A Endosulfan I	6.106	5.118	101.3E6	147.1E6	48.820	48.028
10)	B gamma-Chl...	5.975	4.998	106.0E6	159.7E6	48.441	48.808
11)	B alpha-Chl...	6.055	5.063	106.4E6	156.8E6	48.846	47.973
12)	B 4,4'-DDE	6.226	5.251	101.2E6	149.4E6	49.724	48.766
13)	MA Dieldrin	6.382	5.383	105.3E6	162.7E6	47.658	47.853
14)	MA Endrin	6.611	5.658	92074520	146.1E6	49.297m	49.296
15)	B Endosulfa...	6.830	5.951	99444546	142.8E6	51.355	49.644
16)	A 4,4'-DDD	6.744	5.804	85250935	123.6E6	51.883	47.064
17)	MA 4,4'-DDT	7.058	6.056	91483936	128.8E6	51.370	48.540
18)	B Endrin al...	6.960	6.130	75111808	106.1E6	49.378	47.048
19)	B Endosulfa...	7.195	6.352	91842850	133.2E6	48.370	47.743
20)	A Methoxychlor	7.534	6.630	45041594	69206691	43.760	44.214
21)	B Endrin ke...	7.682	6.859	97461384	152.0E6	46.605	47.112
22)	Mirex	8.158	7.043	70870045	114.2E6	42.968	45.301

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021424\
Data File : PD081337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2024 14:51
Operator : AR\AJ
Sample : P1414-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

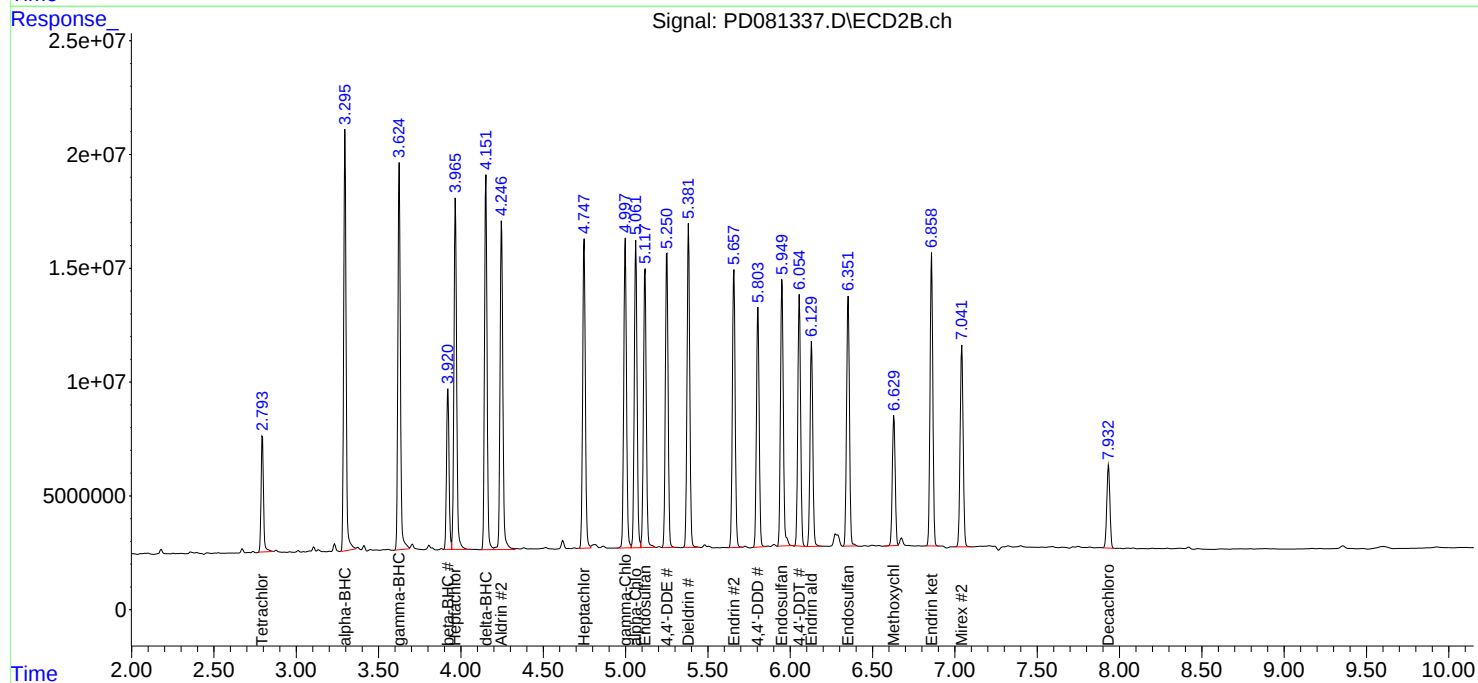
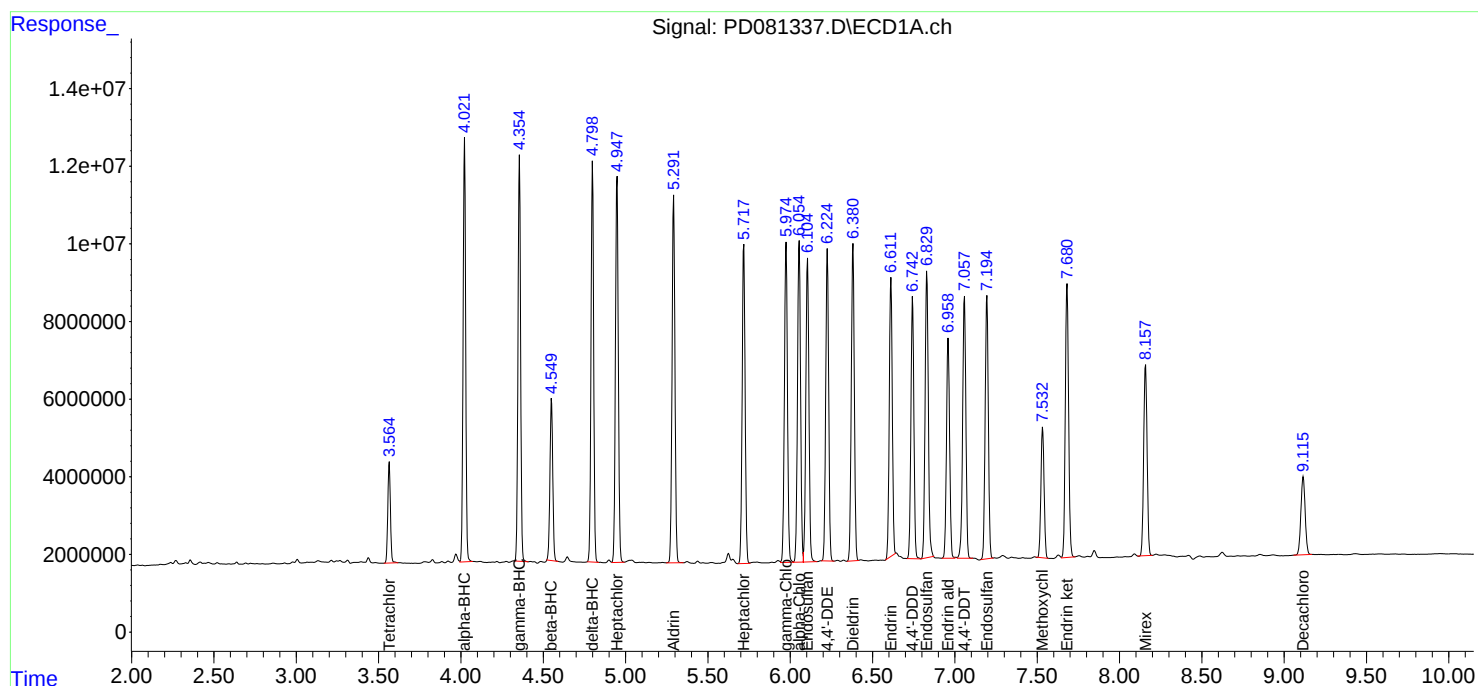
Instrument :
ECD_D
ClientSampleId :
SB-6(15-16)MSD

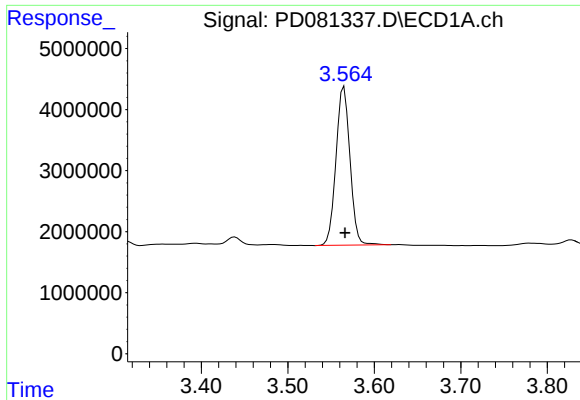
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 01:33:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 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





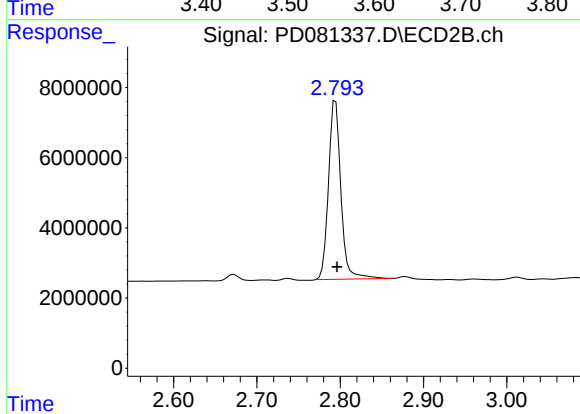
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 29095654
Conc: 20.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-6(15-16)MSD

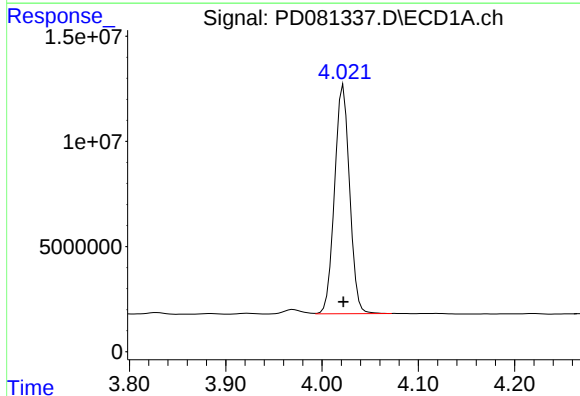
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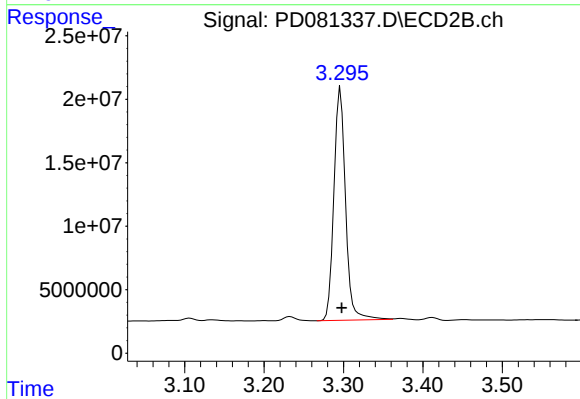
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 52753197
Conc: 22.05 ng/ml



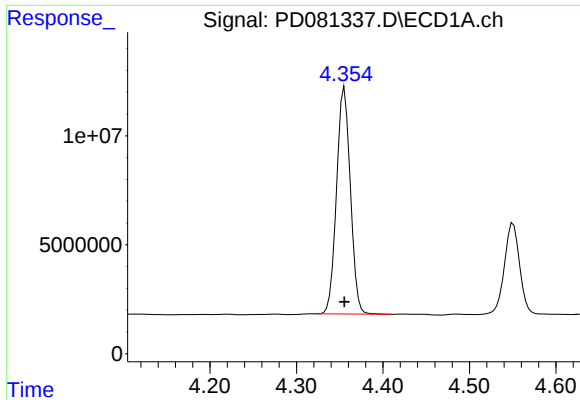
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 118069871
Conc: 47.54 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 186481284
Conc: 48.60 ng/ml



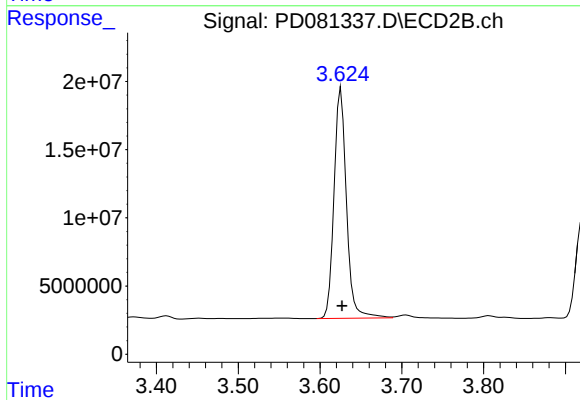
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 114785706
Conc: 46.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-6(15-16)MSD

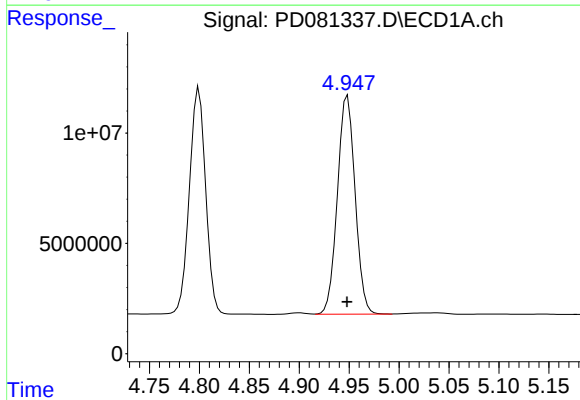
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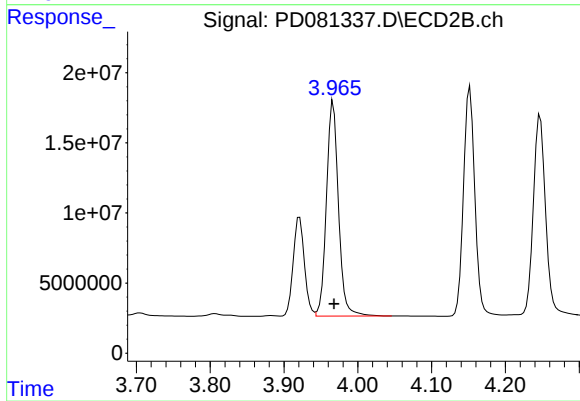
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: -0.001 min
Response: 178659291
Conc: 47.78 ng/ml



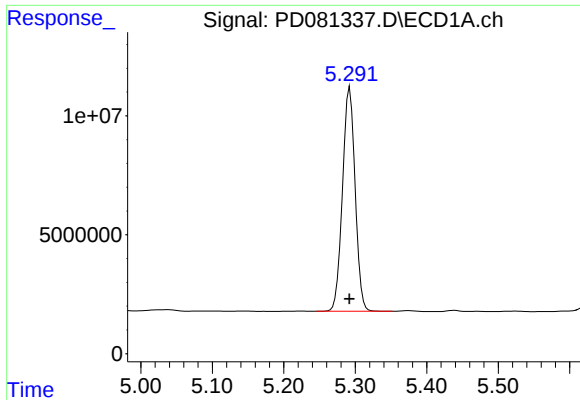
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 122101068
Conc: 49.51 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: -0.001 min
Response: 173607467
Conc: 50.35 ng/ml



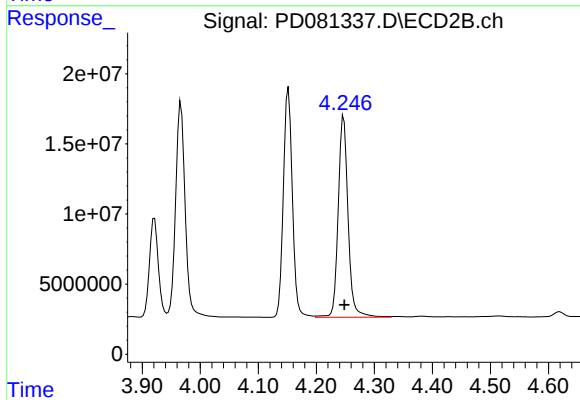
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 115539368
Conc: 47.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-6(15-16)MSD

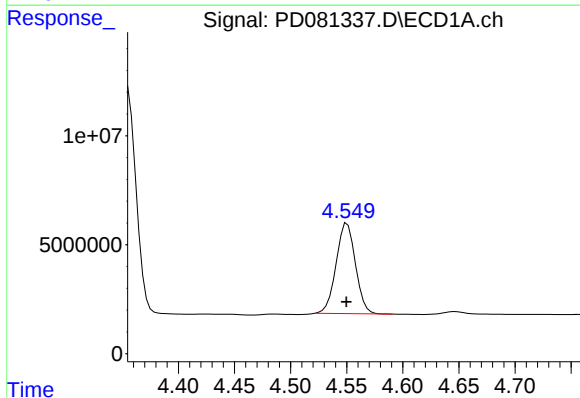
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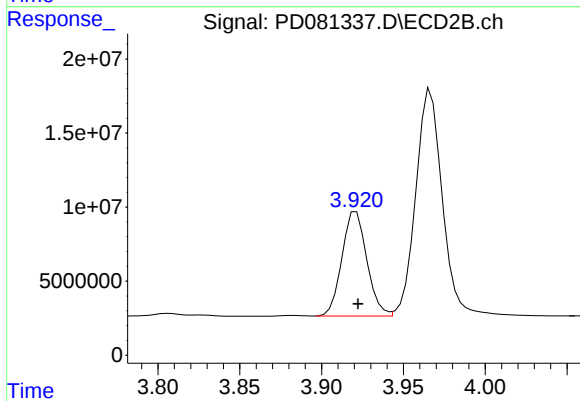
#5 Aldrin

R.T.: 4.247 min
Delta R.T.: -0.001 min
Response: 170568259
Conc: 46.83 ng/ml



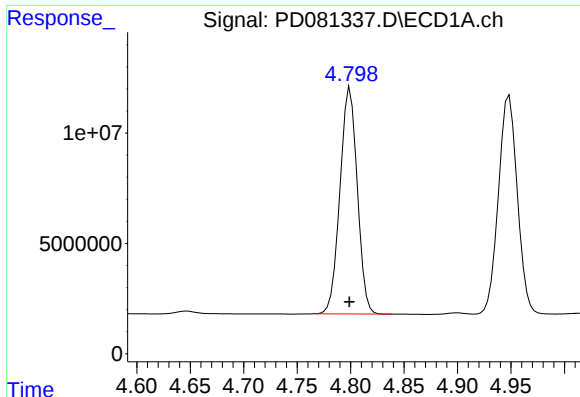
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 49705605
Conc: 49.12 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 74541477
Conc: 47.70 ng/ml



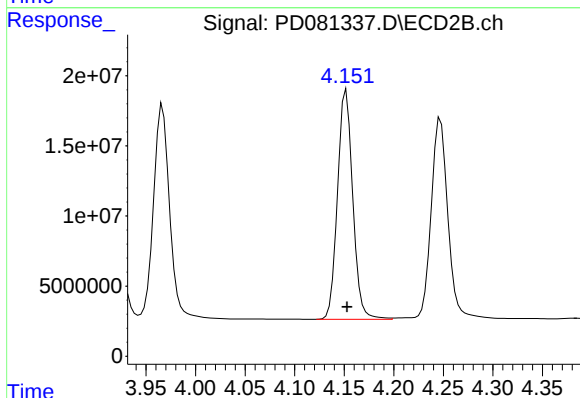
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 115821855
Conc: 46.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-6(15-16)MSD

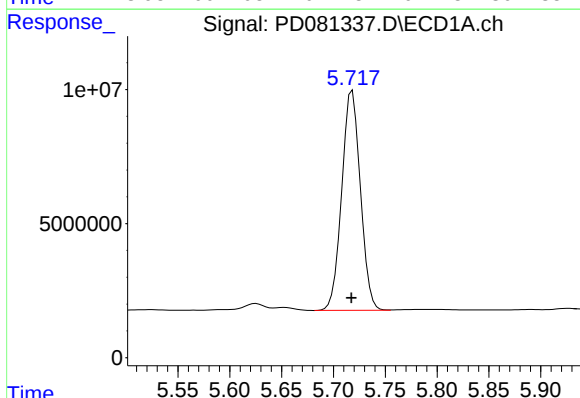
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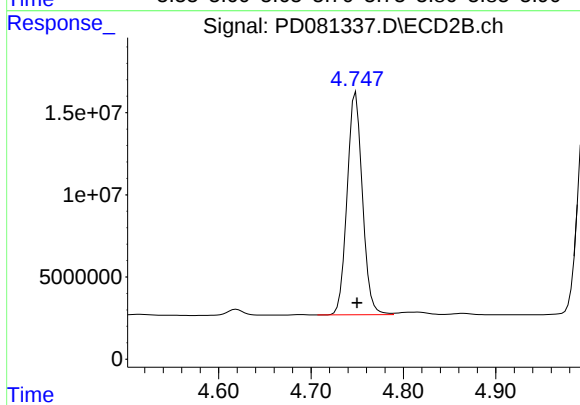
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 175055137
Conc: 46.64 ng/ml



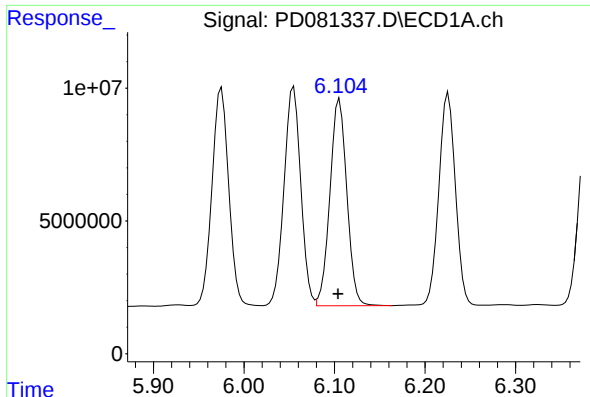
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 102626742
Conc: 45.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.001 min
Response: 155687814
Conc: 46.48 ng/ml



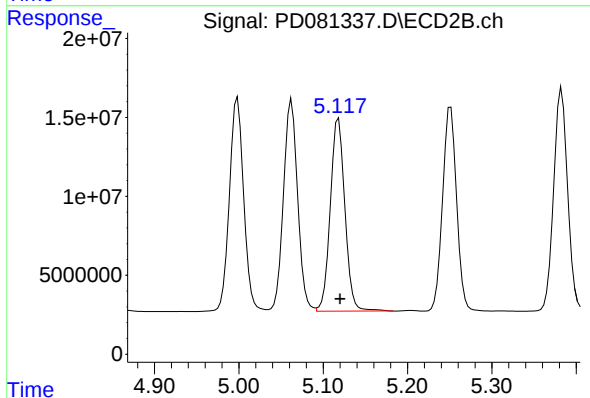
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.001 min
Response: 101254842
Conc: 48.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-6(15-16)MSD

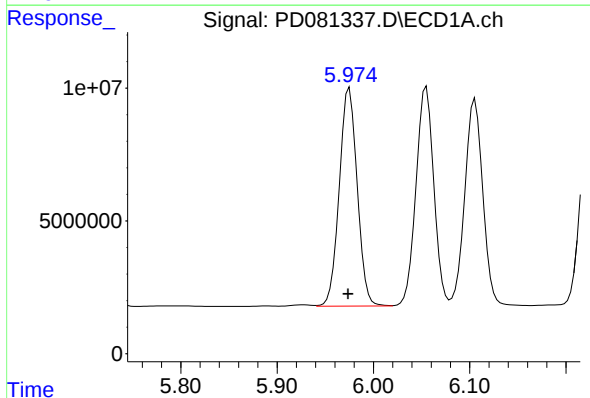
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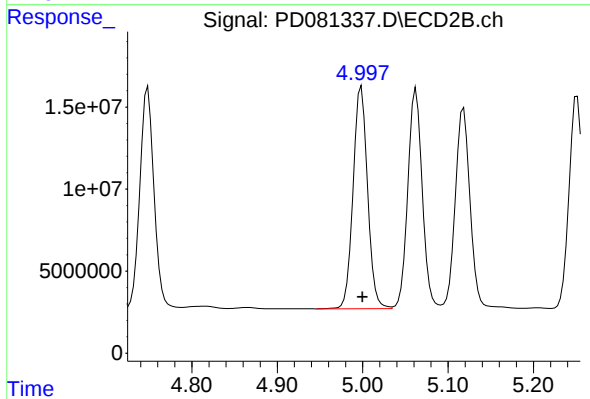
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 147098862
Conc: 48.03 ng/ml



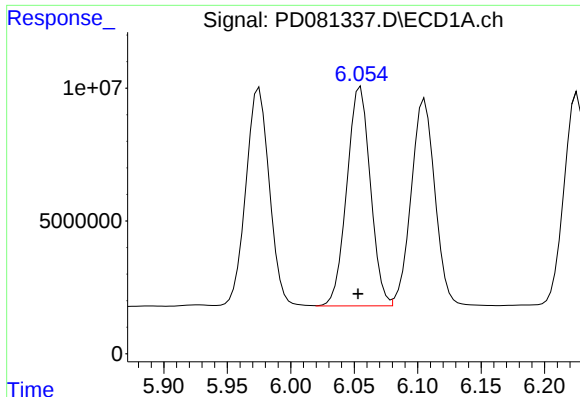
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.001 min
Response: 106041965
Conc: 48.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.001 min
Response: 159650390
Conc: 48.81 ng/ml



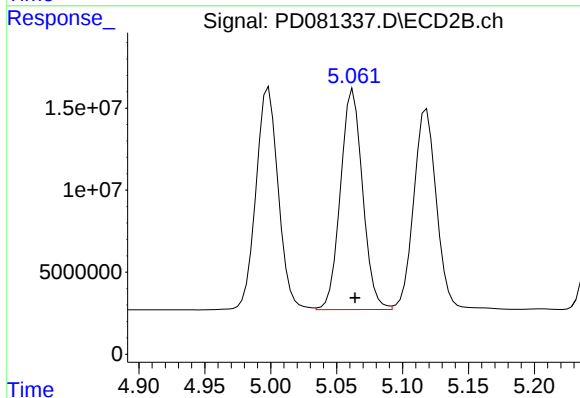
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 106358399
Conc: 48.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-6(15-16)MSD

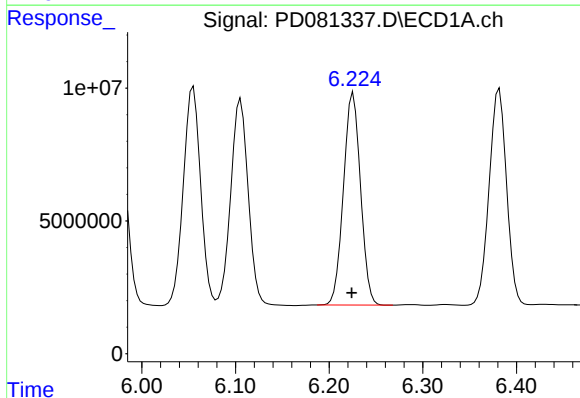
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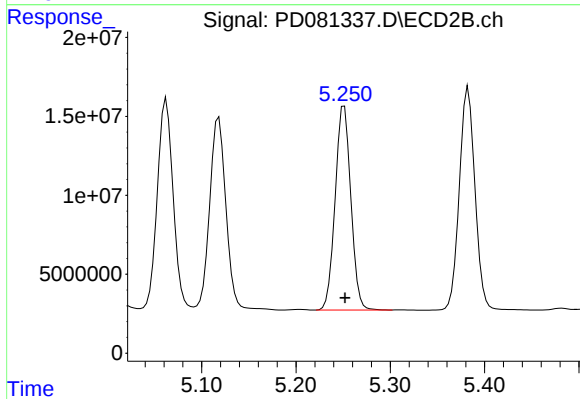
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: -0.001 min
Response: 156849349
Conc: 47.97 ng/ml



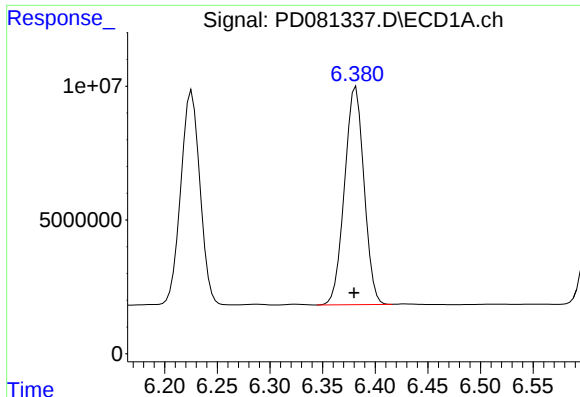
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 101183006
Conc: 49.72 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 149382461
Conc: 48.77 ng/ml



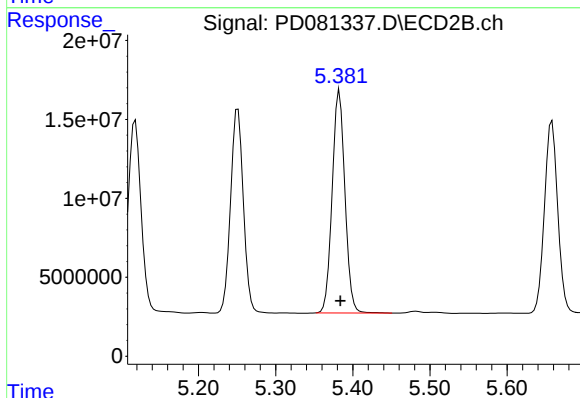
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 105309367
Conc: 47.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-6(15-16)MSD

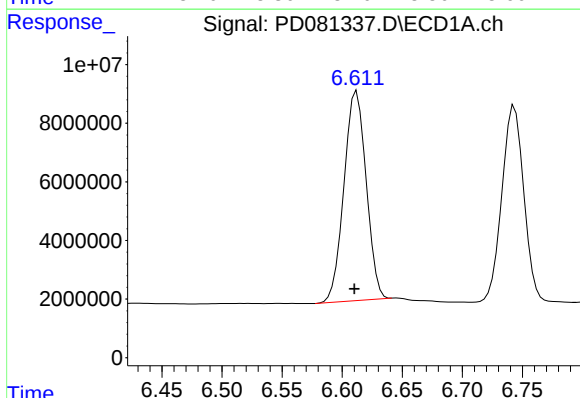
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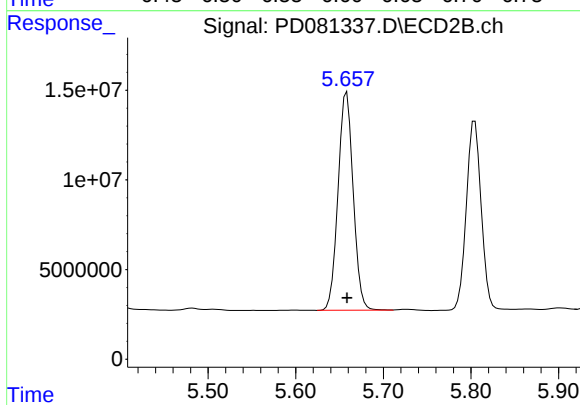
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: -0.001 min
Response: 162739872
Conc: 47.85 ng/ml



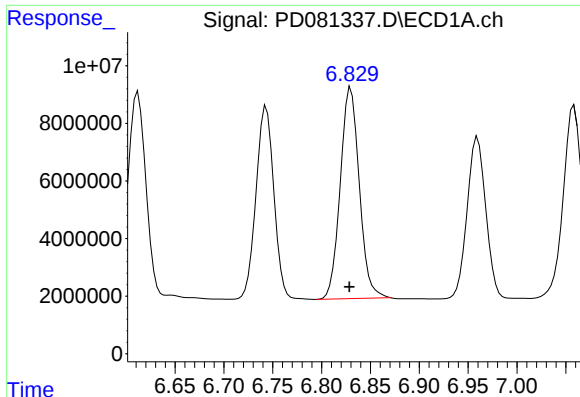
#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 92074520
Conc: 49.30 ng/ml m



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 146083262
Conc: 49.30 ng/ml



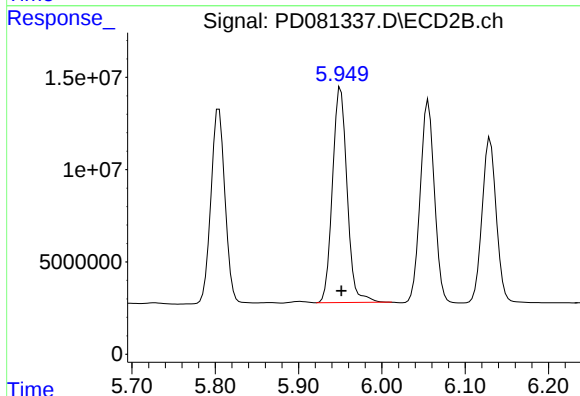
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 99444546
Conc: 51.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-6(15-16)MSD

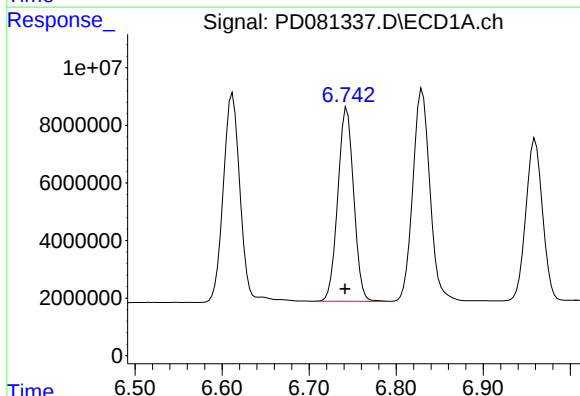
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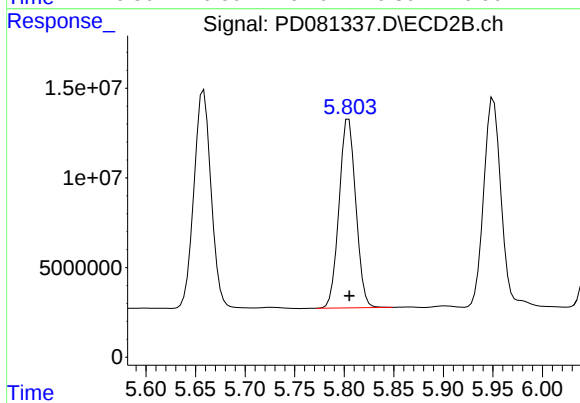
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 142771182
Conc: 49.64 ng/ml



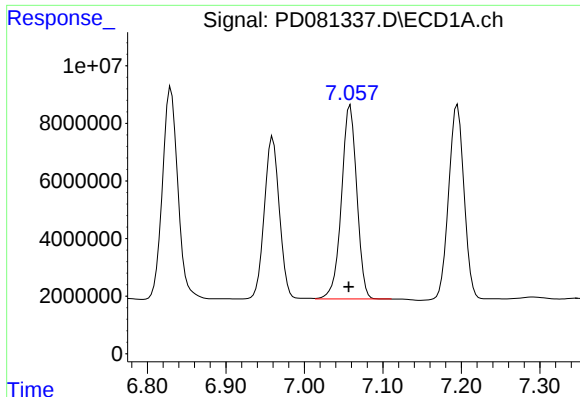
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.002 min
Response: 85250935
Conc: 51.88 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 123554466
Conc: 47.06 ng/ml



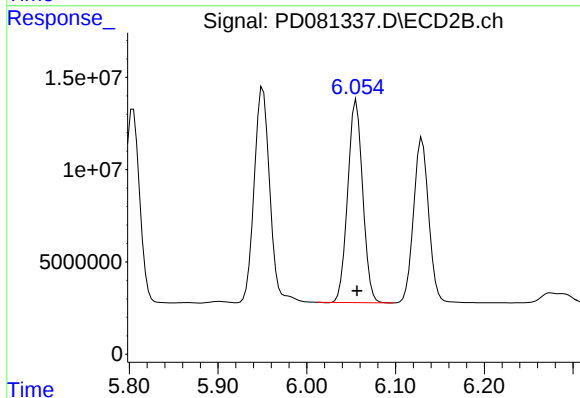
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.002 min
Response: 91483936
Conc: 51.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-6(15-16)MSD

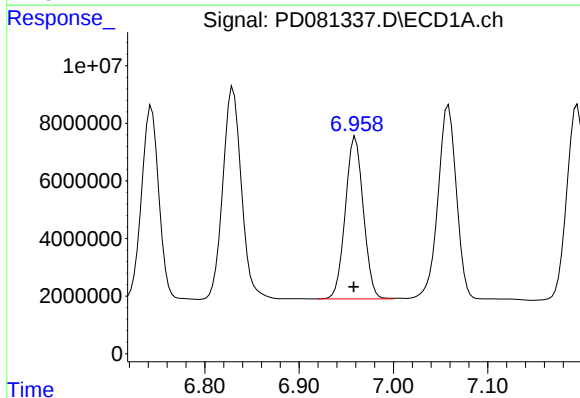
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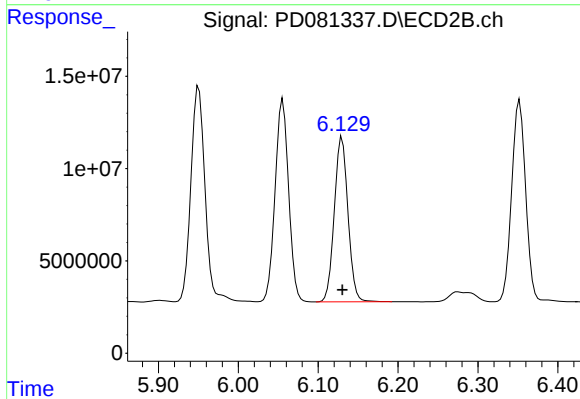
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 128779794
Conc: 48.54 ng/ml



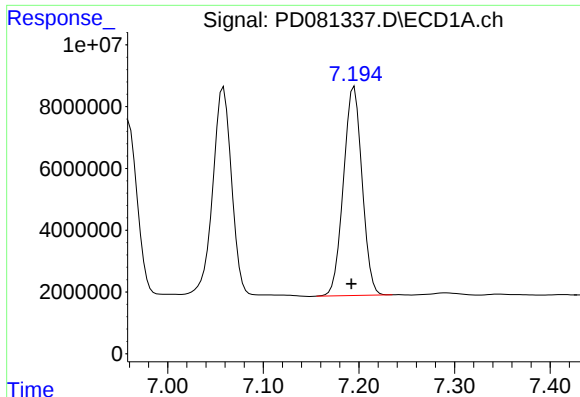
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 75111808
Conc: 49.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 106077494
Conc: 47.05 ng/ml



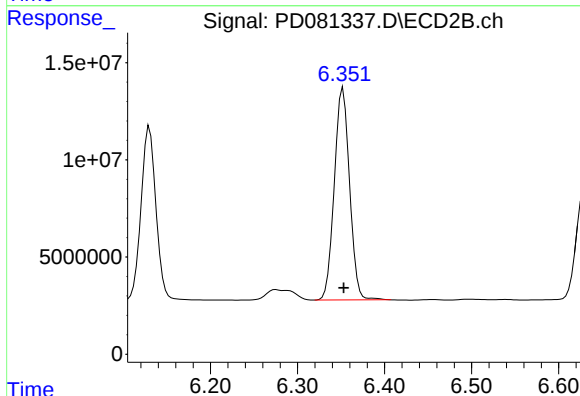
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 91842850
Conc: 48.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-6(15-16)MSD

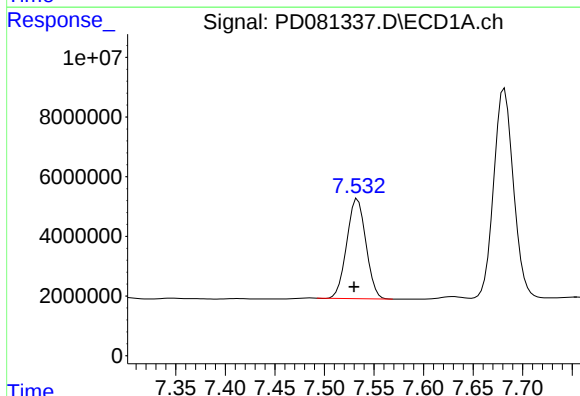
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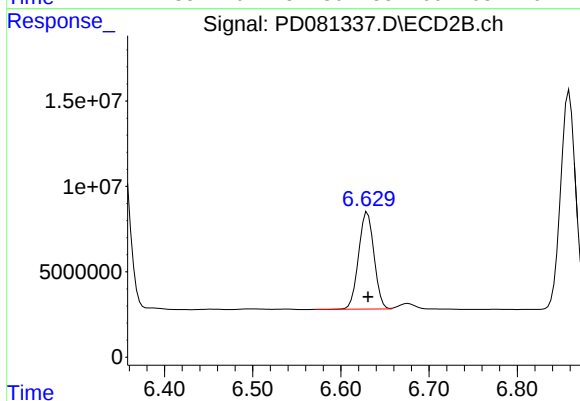
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 133172423
Conc: 47.74 ng/ml



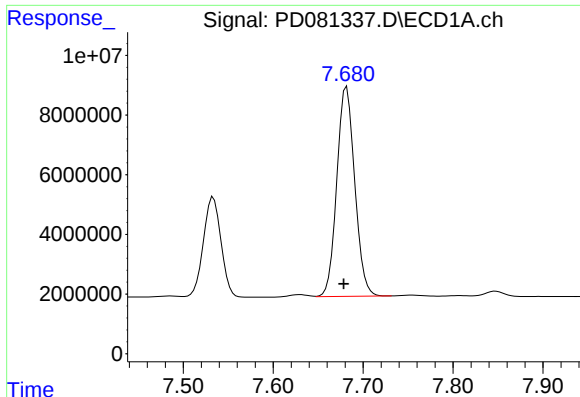
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.003 min
Response: 45041594
Conc: 43.76 ng/ml



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 69206691
Conc: 44.21 ng/ml



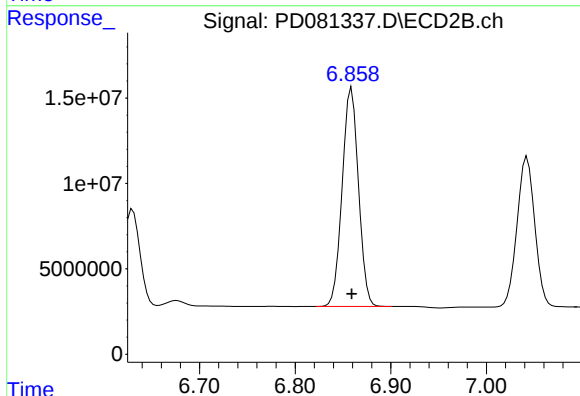
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.003 min
Response: 97461384
Conc: 46.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-6(15-16)MSD

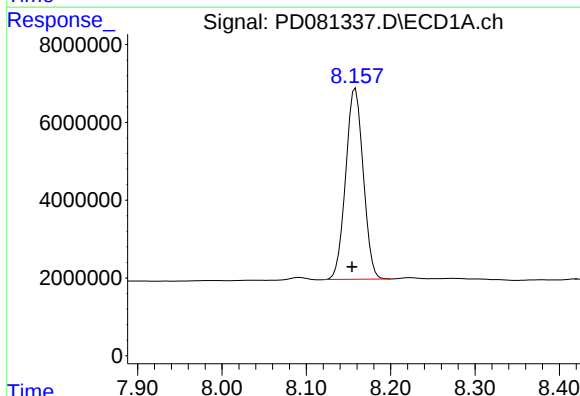
Manual Integrations
APPROVED

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



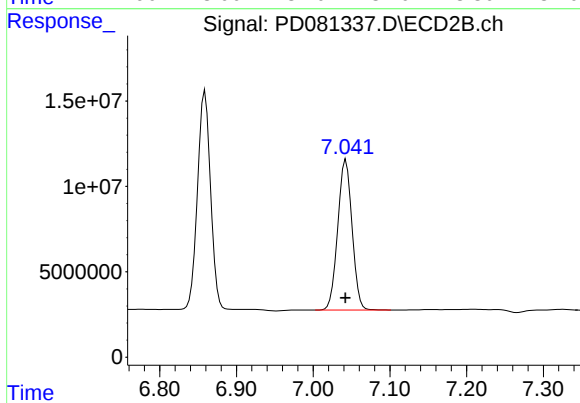
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 152031241
Conc: 47.11 ng/ml



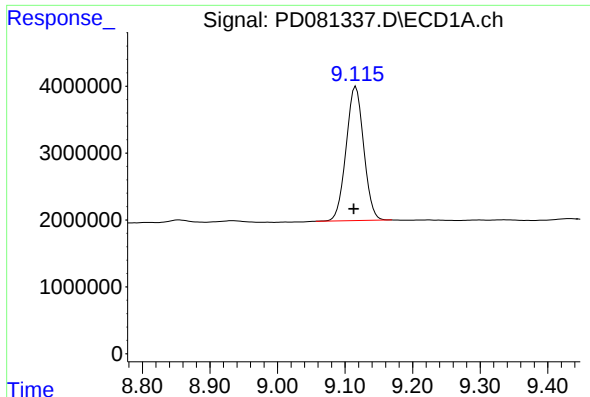
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.004 min
Response: 70870045
Conc: 42.97 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 114156687
Conc: 45.30 ng/ml



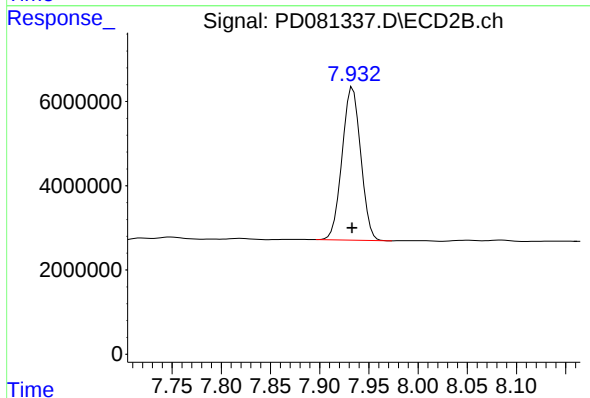
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.003 min
Response: 36207577
Conc: 17.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-6(15-16)MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 47922078
Conc: 17.99 ng/ml