

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021424\
 Data File : PD081359.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2024 20:35
 Operator : AR\AJ
 Sample : P1461-01MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-2MSD

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 01:40:34 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	28989327	52190879	20.421	21.818
28)	SA Decachlor...	9.115	7.933	34654679	49203298	17.220	18.472
Target Compounds							
2)	A alpha-BHC	4.022	3.296	115.5E6	187.2E6	46.487	48.787
3)	MA gamma-BHC...	4.354	3.625	111.3E6	180.2E6	45.491m	48.184
4)	MA Heptachlor	4.948	3.966	113.9E6	171.6E6	46.161	49.766
5)	MB Aldrin	5.291	4.246	109.6E6	171.0E6	44.655	46.962
6)	B beta-BHC	4.550	3.920	46922216	75279133	46.373	48.176
7)	B delta-BHC	4.799	4.151	110.7E6	176.7E6	44.136	47.070
8)	B Heptachlo...	5.718	4.748	100.8E6	155.4E6	45.007	46.404
9)	A Endosulfan I	6.105	5.118	99094823	142.7E6	47.778	46.585
10)	B gamma-Chl...	5.975	4.998	103.4E6	159.6E6	47.252	48.782
11)	B alpha-Chl...	6.054	5.062	102.8E6	156.3E6	47.210	47.805
12)	B 4,4'-DDE	6.226	5.251	94468008	149.7E6	46.424	48.881
13)	MA Dieldrin	6.381	5.383	104.2E6	164.4E6	47.169	48.332
14)	MA Endrin	6.612	5.658	95082079	147.6E6	50.907	49.820
15)	B Endosulfa...	6.830	5.950	98385216	142.6E6	50.808	49.576
16)	A 4,4'-DDD	6.743	5.804	86716622	126.5E6	52.775	48.184
17)	MA 4,4'-DDT	7.058	6.056	86602275	126.9E6	48.629	47.815
18)	B Endrin al...	6.960	6.130	73947856	106.0E6	48.613	47.006
19)	B Endosulfa...	7.195	6.352	90785105	135.1E6	47.813	48.431
20)	A Methoxychlor	7.533	6.630	44559894	70228459	43.292	44.867
21)	B Endrin ke...	7.682	6.859	94907882	154.1E6	45.384	47.765
22)	Mirex	8.158	7.042	74865059	116.0E6	45.390	46.037

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021424\
Data File : PD081359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2024 20:35
Operator : AR\AJ
Sample : P1461-01MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

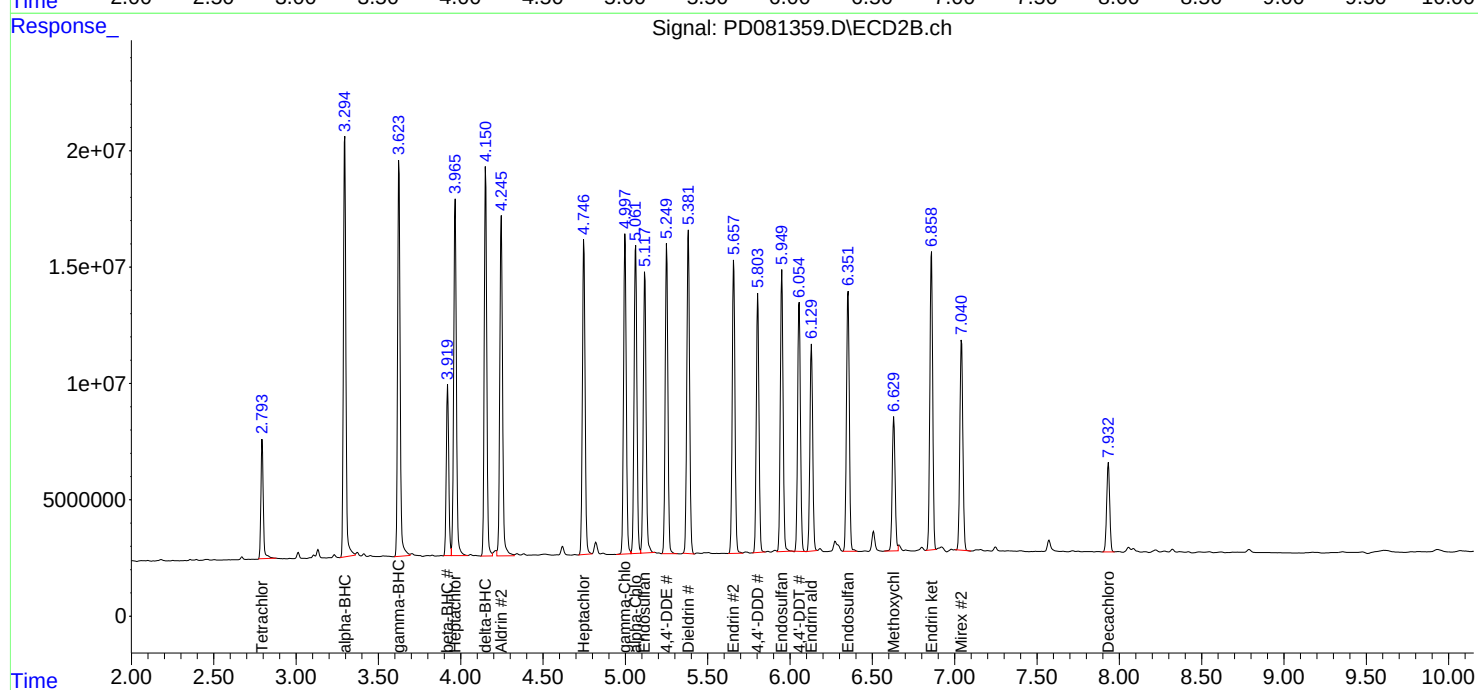
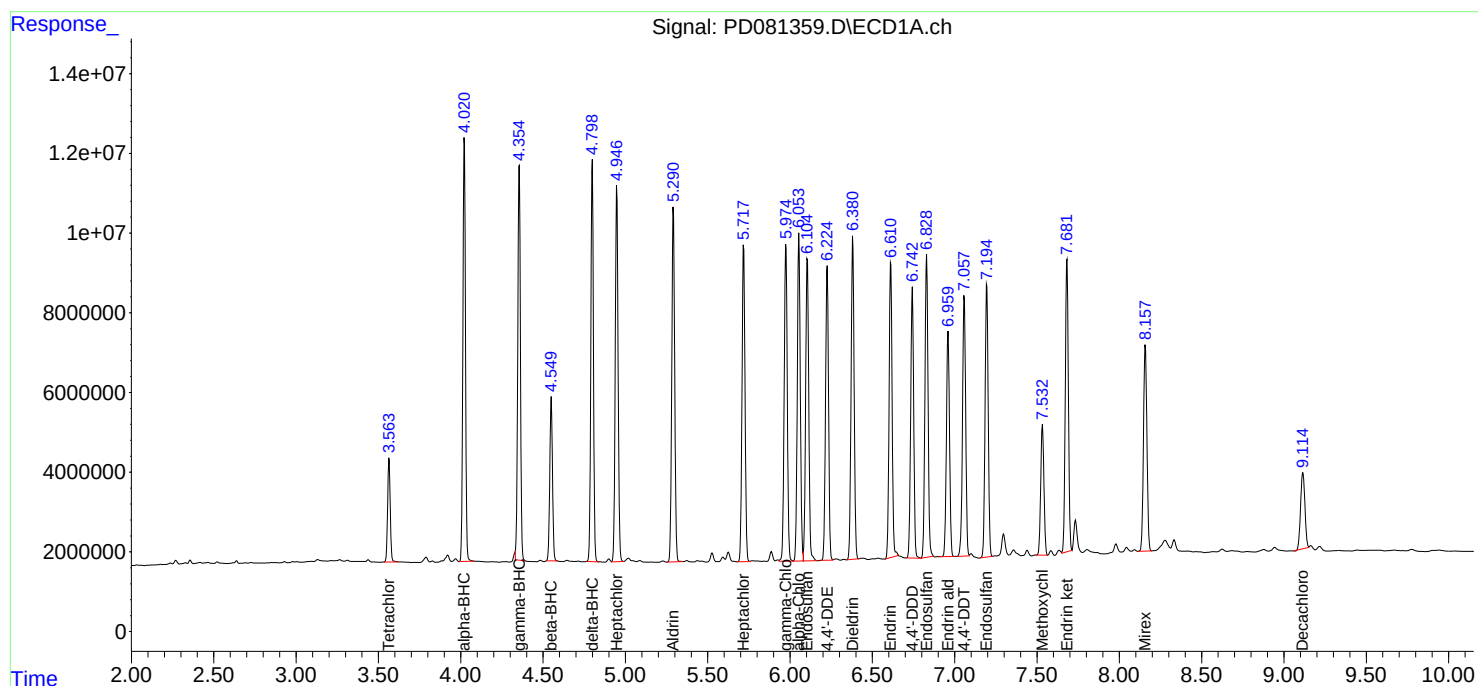
Instrument :
ECD_D
ClientSampleId :
TP-2MSD

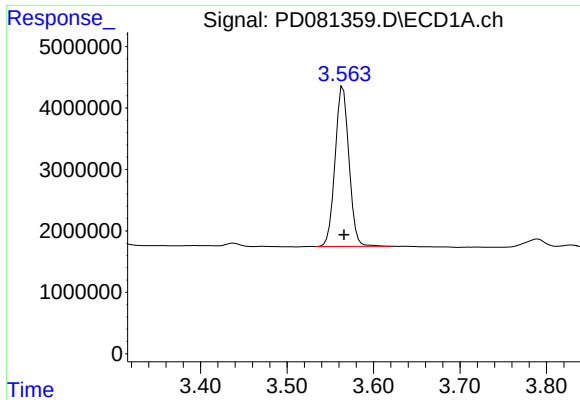
Manual Integrations
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Supervised By :Ankita Jodhani 02/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 01:40:34 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





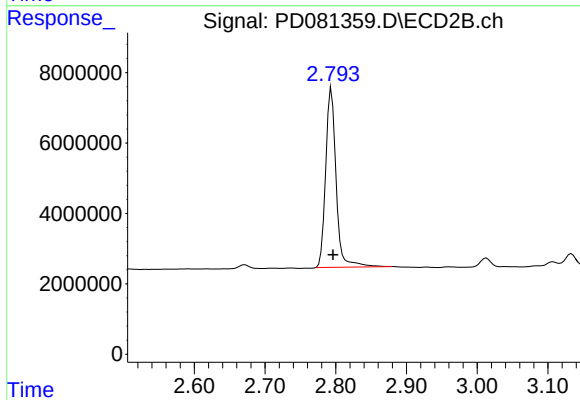
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: -0.001 min
Response: 28989327
Conc: 20.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MSD

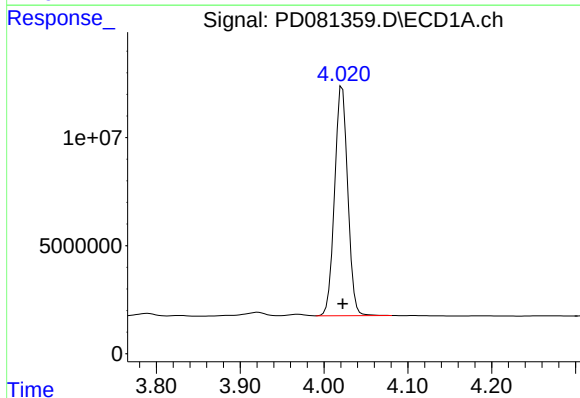
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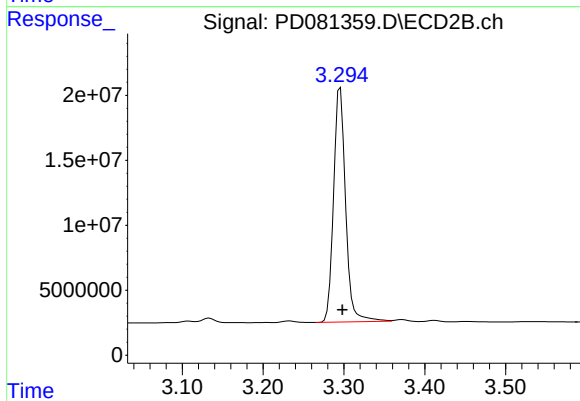
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 52190879
Conc: 21.82 ng/ml



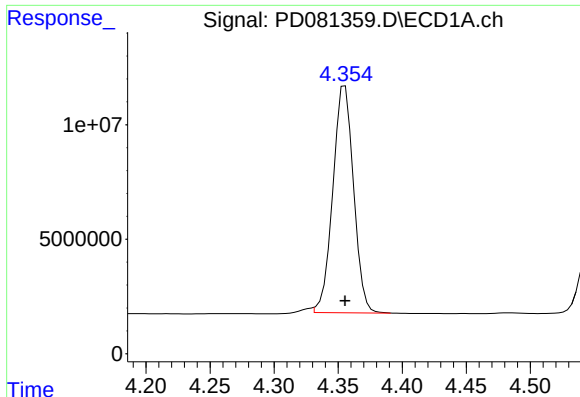
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 115465305
Conc: 46.49 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 187200175
Conc: 48.79 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: -0.001 min
Response: 111343713
Conc: 45.49 ng/ml

Instrument :

ECD_D

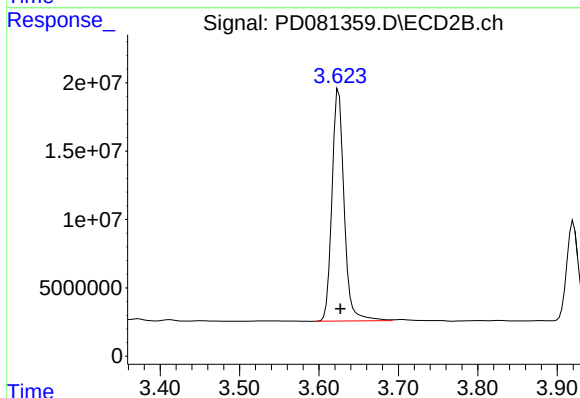
ClientSampleId :

TP-2MSD

Manual Integrations

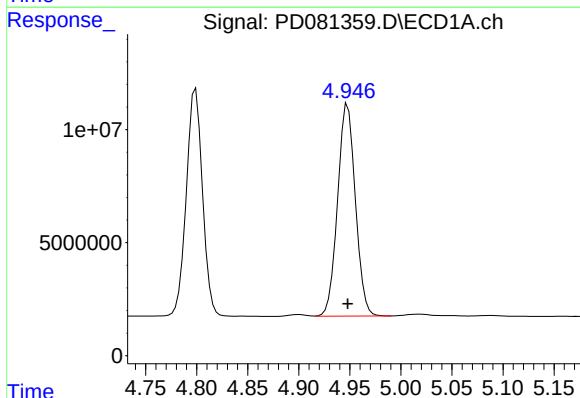
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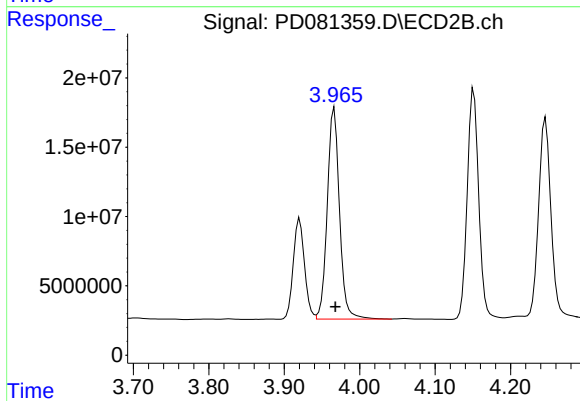
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 180155211
Conc: 48.18 ng/ml



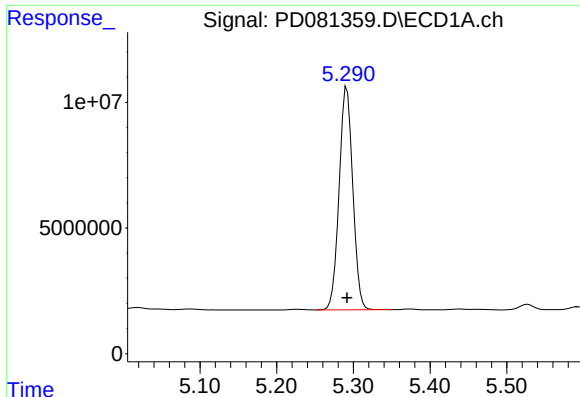
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 113850801
Conc: 46.16 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 171596508
Conc: 49.77 ng/ml



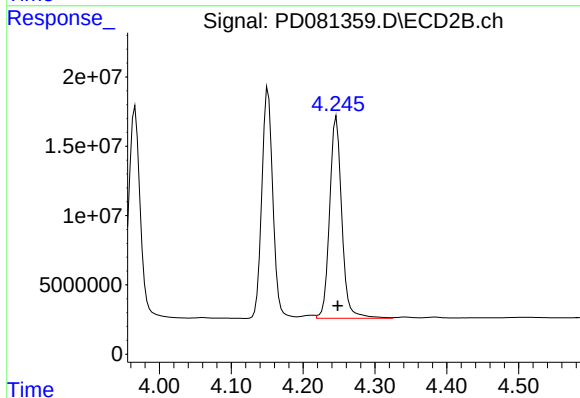
#5 Aldrin

R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 109610276
Conc: 44.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MSD

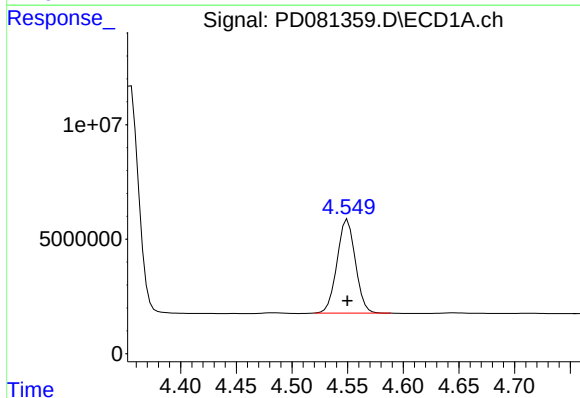
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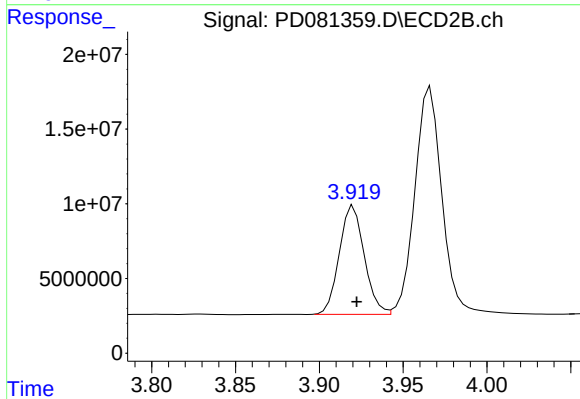
#5 Aldrin

R.T.: 4.246 min
Delta R.T.: -0.002 min
Response: 171036411
Conc: 46.96 ng/ml



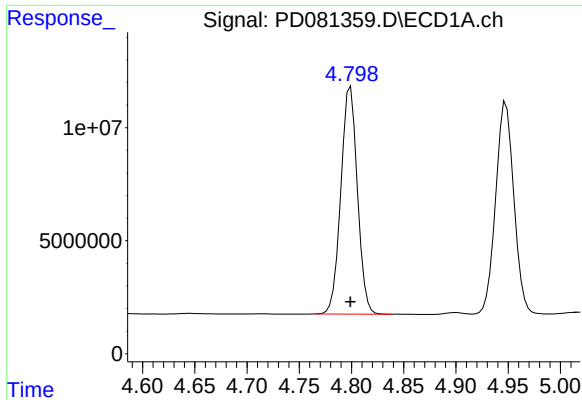
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 46922216
Conc: 46.37 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 75279133
Conc: 48.18 ng/ml



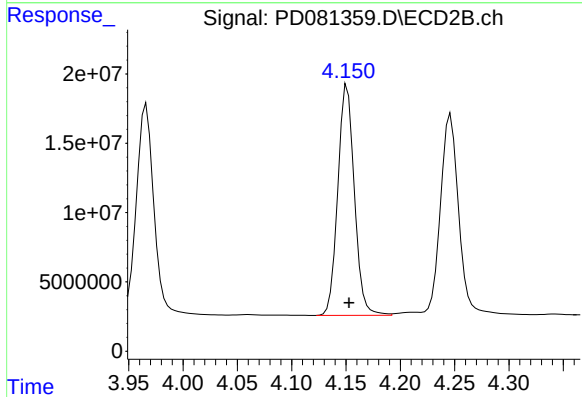
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 110728122
Conc: 44.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MSD

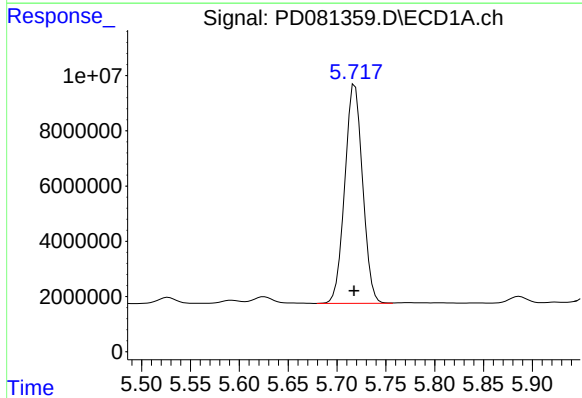
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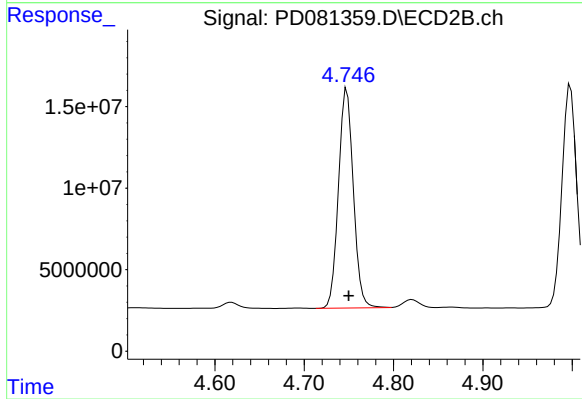
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 176652618
Conc: 47.07 ng/ml



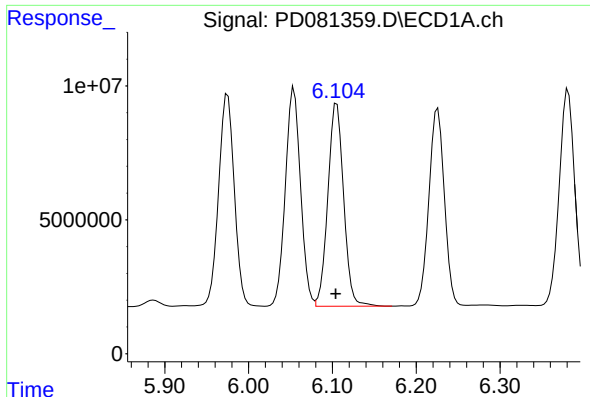
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 100780504
Conc: 45.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 155430373
Conc: 46.40 ng/ml



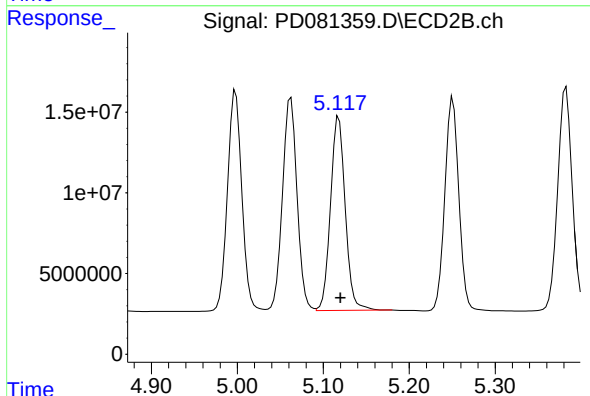
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.001 min
Response: 99094823
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MSD

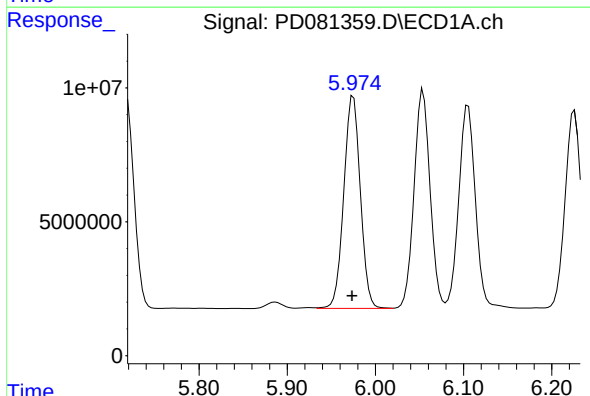
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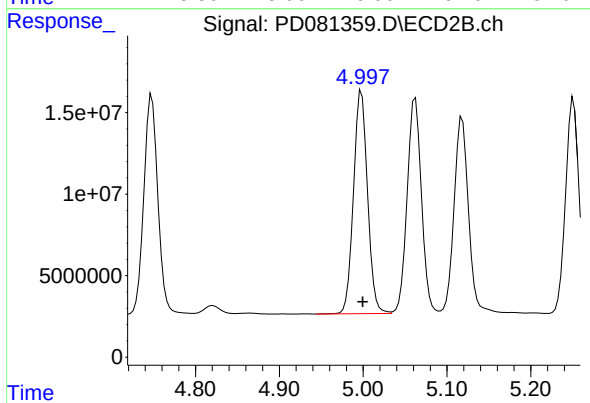
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 142679571
Conc: 46.59 ng/ml



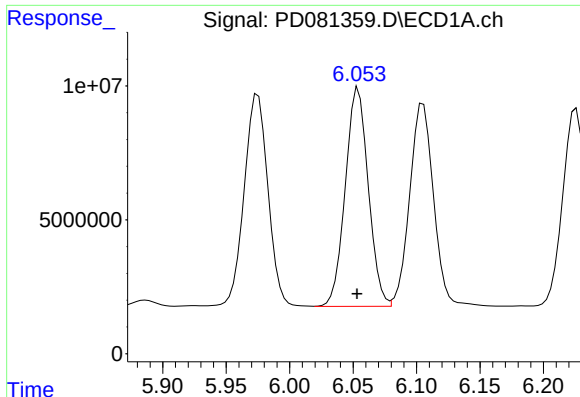
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.001 min
Response: 103440876
Conc: 47.25 ng/ml



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 159565122
Conc: 48.78 ng/ml



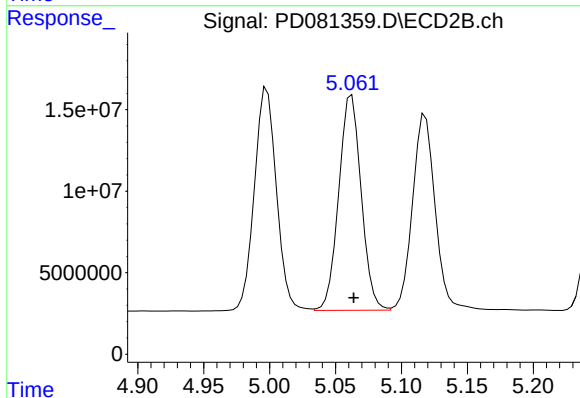
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: 0.001 min
Response: 102795098
Conc: 47.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MSD

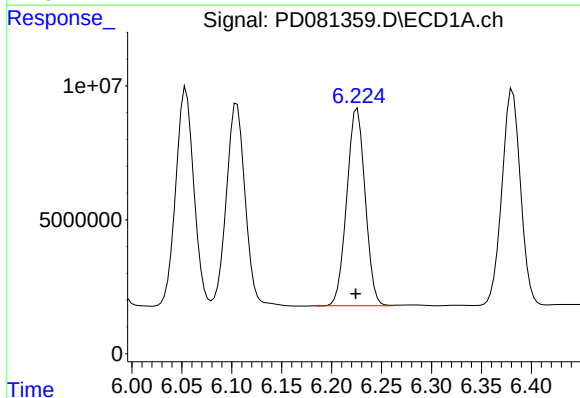
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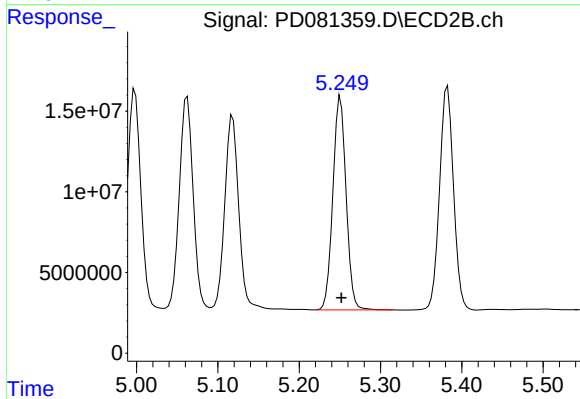
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 156299674
Conc: 47.80 ng/ml



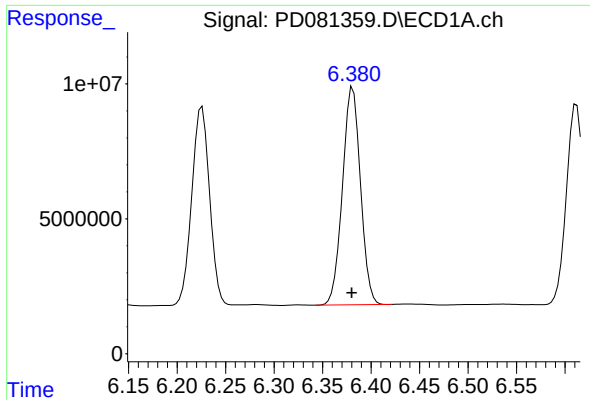
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 94468008
Conc: 46.42 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: -0.001 min
Response: 149734778
Conc: 48.88 ng/ml



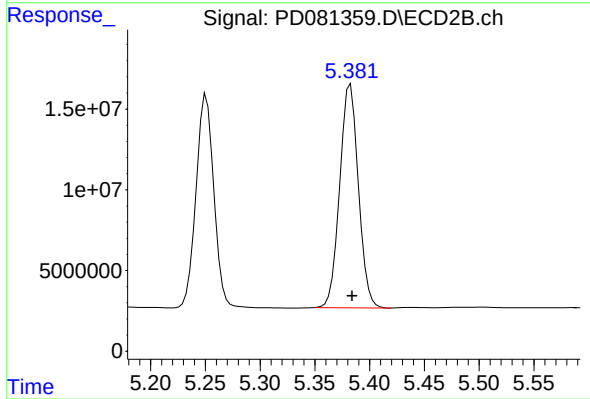
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.001 min
Response: 104228321
Conc: 47.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MSD

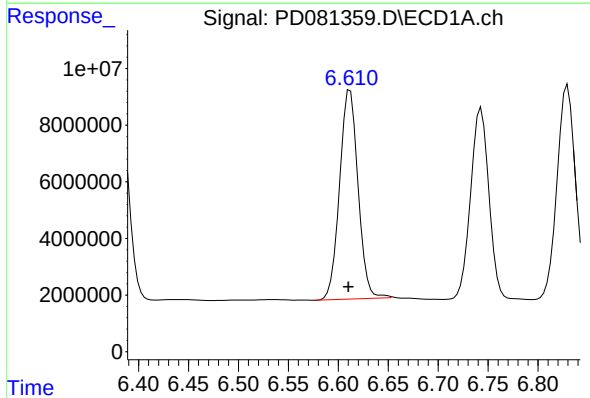
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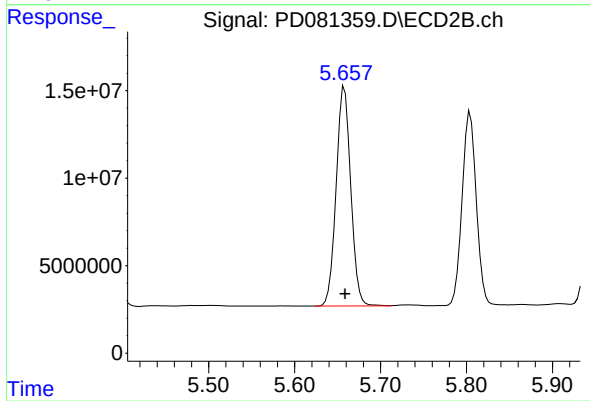
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 164367567
Conc: 48.33 ng/ml



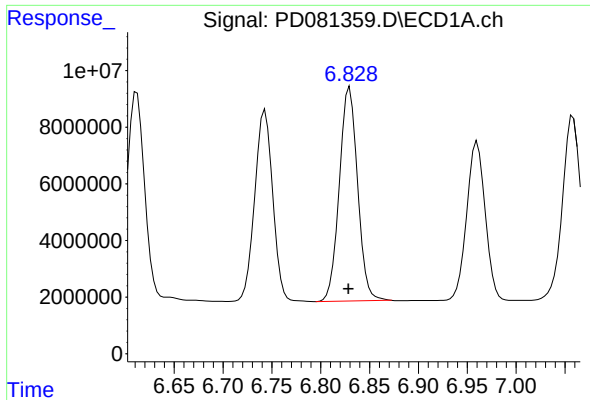
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 95082079
Conc: 50.91 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 147637311
Conc: 49.82 ng/ml



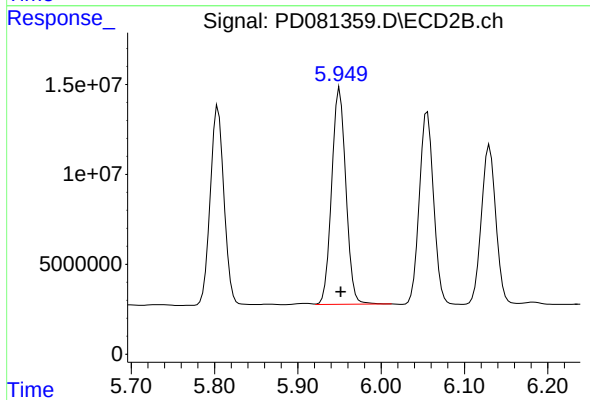
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.001 min
Response: 98385216
Conc: 50.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MSD

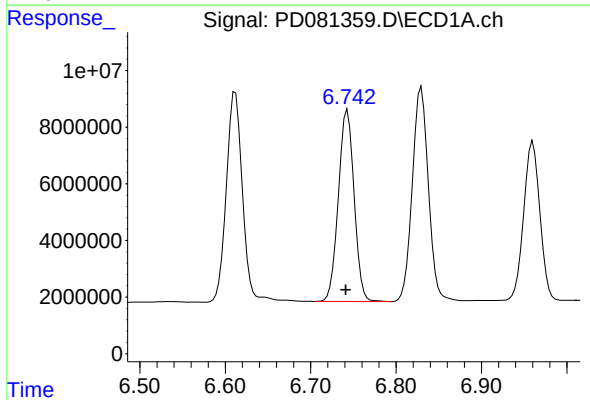
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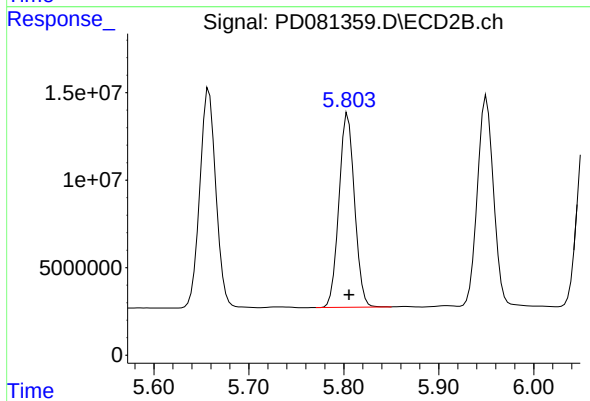
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 142577229
Conc: 49.58 ng/ml



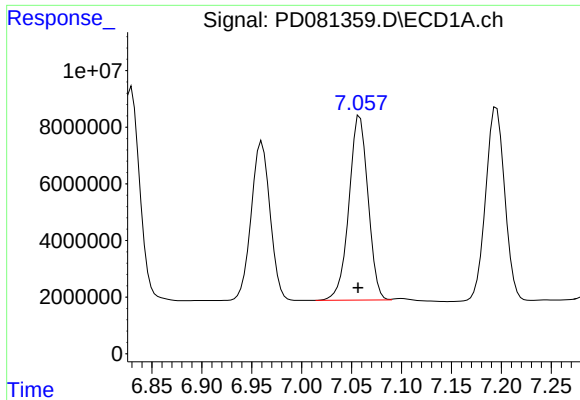
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 86716622
Conc: 52.78 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 126496038
Conc: 48.18 ng/ml



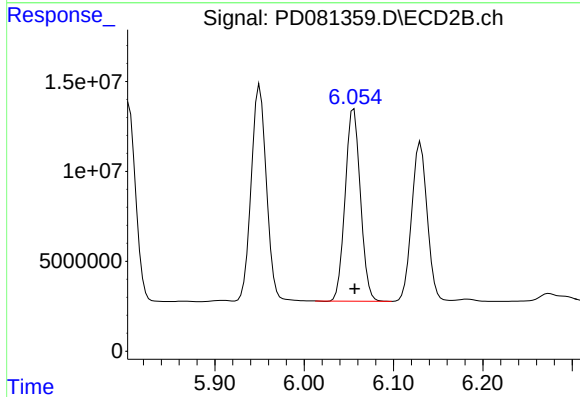
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.002 min
Response: 86602275
Conc: 48.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MSD

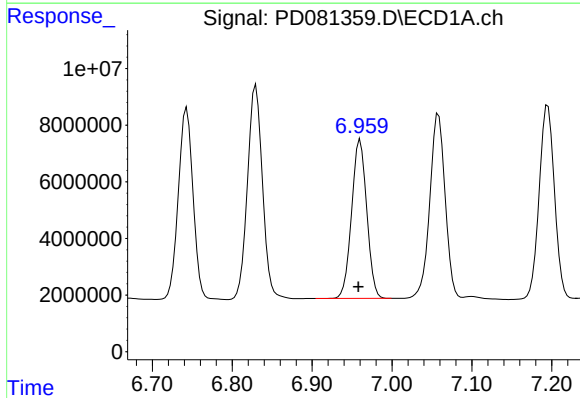
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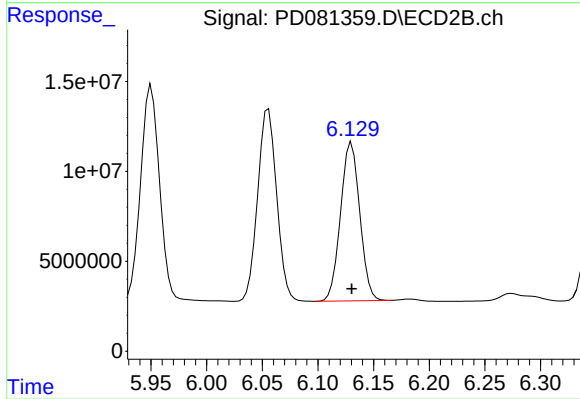
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 126854883
Conc: 47.81 ng/ml



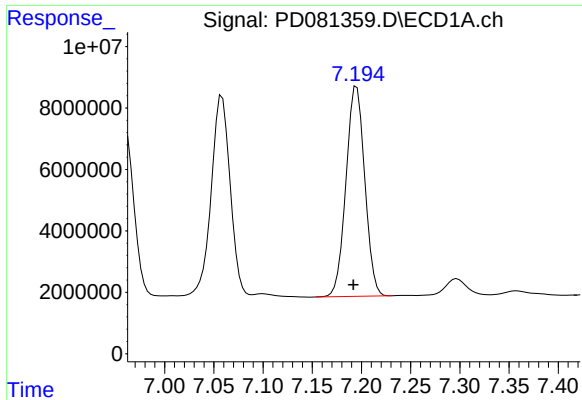
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 73947856
Conc: 48.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 105982323
Conc: 47.01 ng/ml



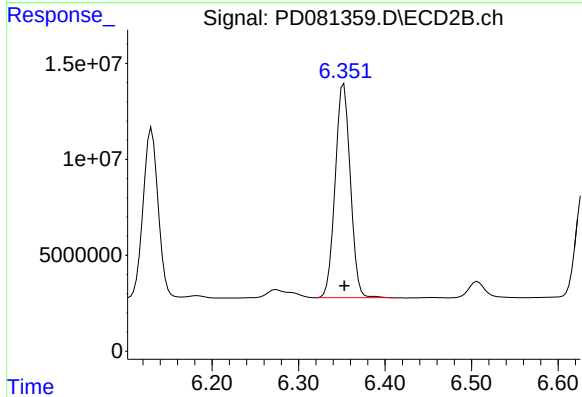
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 90785105
Conc: 47.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MSD

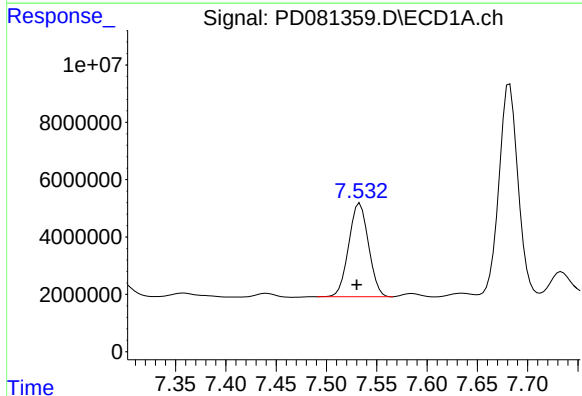
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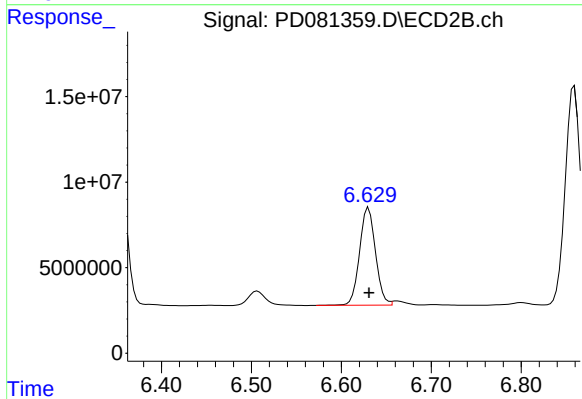
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 135092271
Conc: 48.43 ng/ml



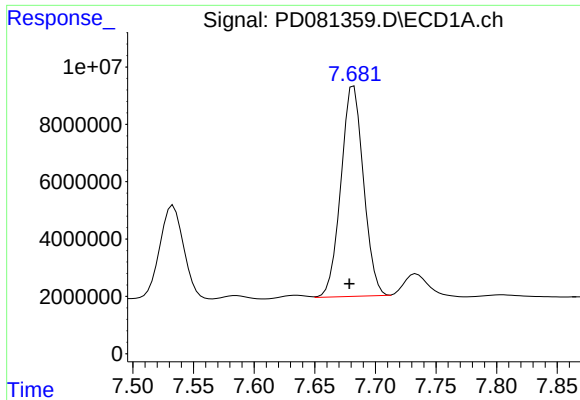
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 44559894
Conc: 43.29 ng/ml



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 70228459
Conc: 44.87 ng/ml



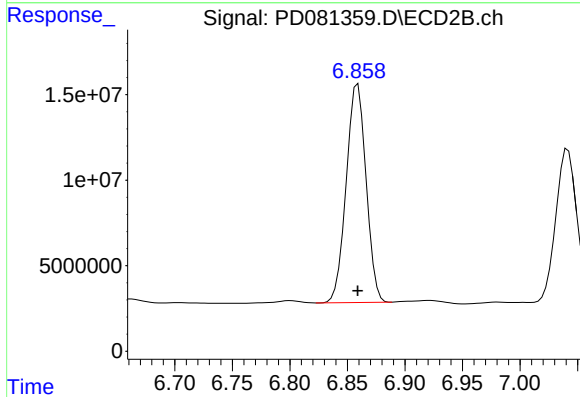
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.004 min
Response: 94907882
Conc: 45.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MSD

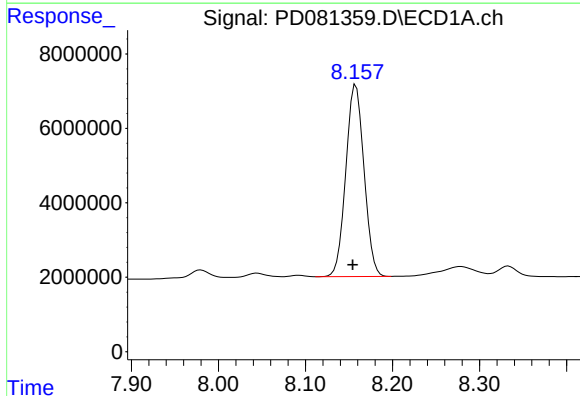
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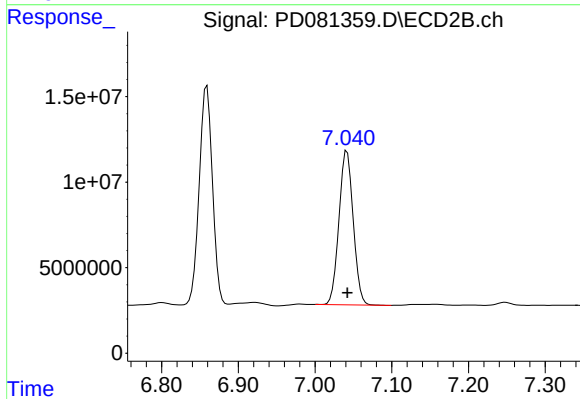
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 154138026
Conc: 47.76 ng/ml



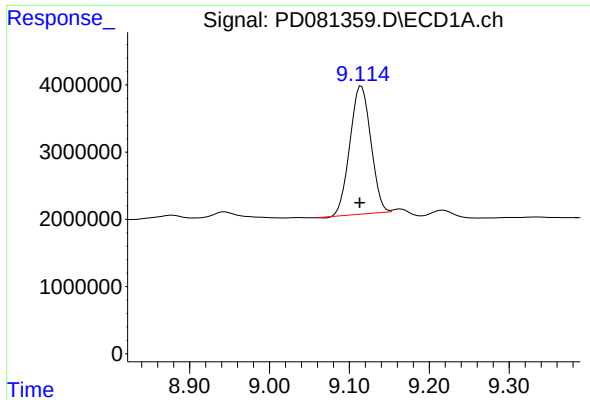
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.004 min
Response: 74865059
Conc: 45.39 ng/ml



#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 116012861
Conc: 46.04 ng/ml



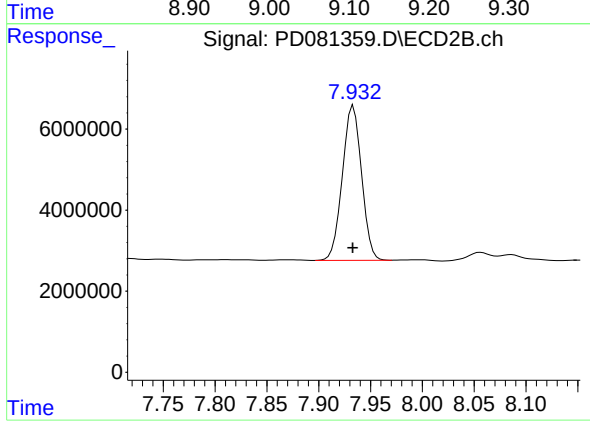
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.002 min
Response: 34654679
Conc: 17.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MSD

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: 49203298
Conc: 18.47 ng/ml