

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl120522\
 Data File : PL079565.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2022 11:54
 Operator : AR\AJ
 Sample : N5844-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-17MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/06/2022
 Supervised By : Ankita Jodhani 12/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 01:19:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 24 00:09:49 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.316	2.566	43528426	55018661	19.269m	20.212
28)	SA Decachlor...	8.765	7.632	36144016	42291965	18.611	18.002
Target Compounds							
2)	A alpha-BHC	3.778	3.052	177.1E6	220.4E6	51.500	51.117
3)	MA gamma-BHC...	4.111	3.373	169.9E6	201.2E6	52.415	51.681
4)	MA Heptachlor	4.682	3.700	163.6E6	196.3E6	49.634	51.017
5)	MB Aldrin	5.019	3.971	161.9E6	203.3E6	52.134	54.754
6)	B beta-BHC	4.327	3.674	71727863	73798630	50.800	48.706
7)	B delta-BHC	4.567	3.893	136.1E6	201.5E6	49.045	52.363
8)	B Heptachlo...	5.453	4.468	141.5E6	174.0E6	49.551	51.552
9)	A Endosulfan I	5.837	4.830	138.2E6	158.2E6	51.997	49.436
10)	B gamma-Chl...	5.708	4.716	150.6E6	174.2E6	52.644	51.465
11)	B alpha-Chl...	5.785	4.777	149.4E6	170.1E6	51.857	50.799
12)	B 4,4'-DDE	5.966	4.972	126.9E6	163.1E6	50.774m	53.195
13)	MA Dieldrin	6.113	5.092	144.2E6	179.4E6	52.587m	53.202
14)	MA Endrin	6.343	5.363	125.5E6	163.2E6	51.876m	53.968
15)	B Endosulfa...	6.573	5.659	116.9E6	151.4E6	51.789m	54.118
16)	A 4,4'-DDD	6.491	5.523	106.4E6	133.1E6	53.624m	53.220
17)	MA 4,4'-DDT	6.801	5.769	112.5E6	131.2E6	49.605m	50.218
18)	B Endrin al...	6.704	5.838	100.9E6	118.1E6	55.734m	55.471
19)	B Endosulfa...	6.937	6.060	112.1E6	142.3E6	48.349m	50.417
20)	A Methoxychlor	7.285	6.346	59176686	69780637	49.053m	51.341
21)	B Endrin ke...	7.423	6.556	118.2E6	154.9E6	47.910m	50.285
22)	Mirex	7.882	6.728	92404129	116.8E6	48.785	49.405

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\p1120522\
Data File : PL079565.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Dec 2022 11:54
Operator : AR\AJ
Sample : N5844-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

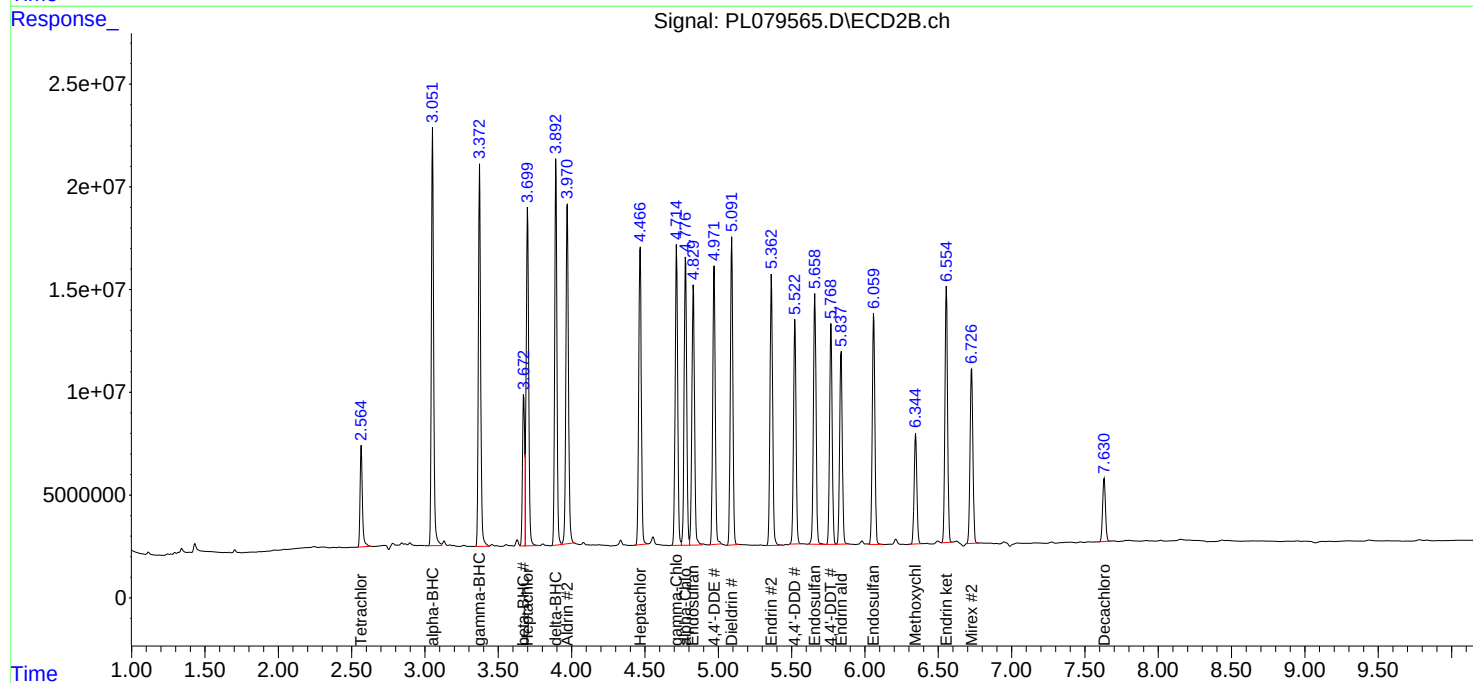
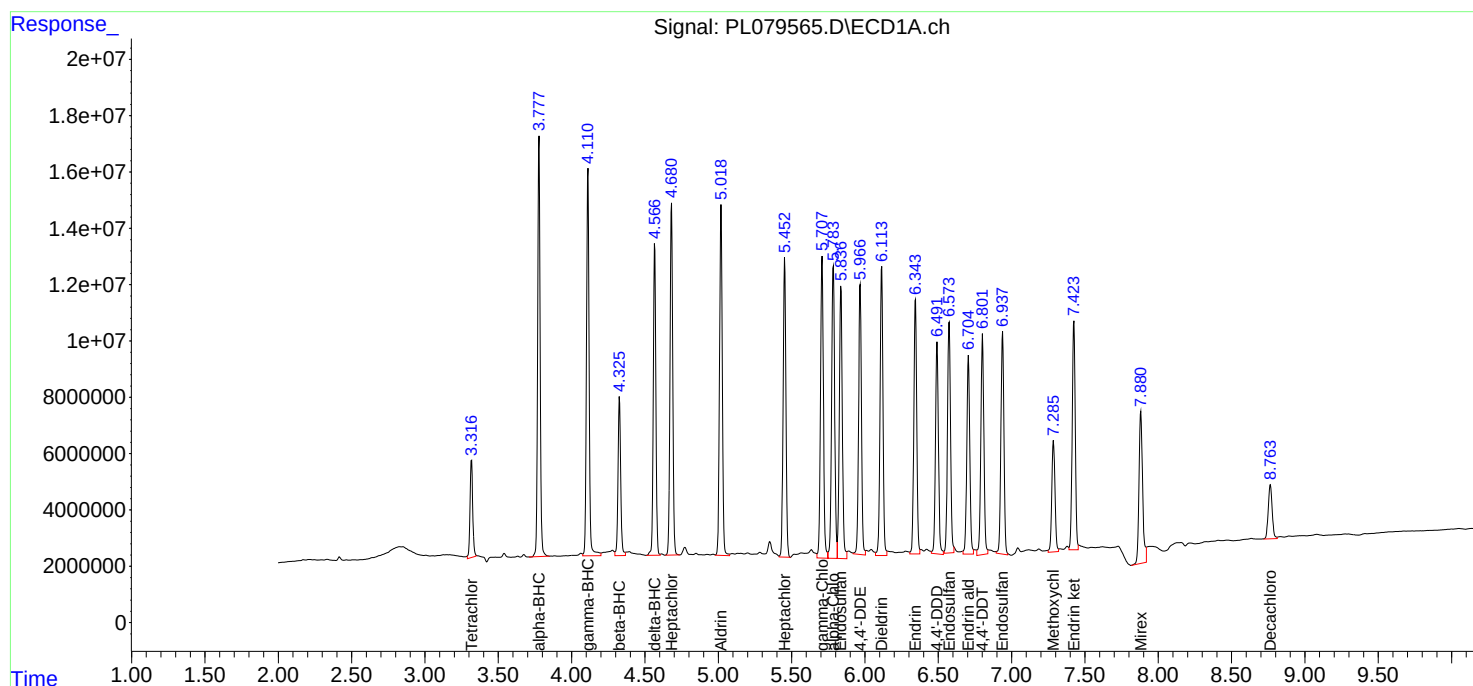
Instrument :
ECD_L
ClientSampleId :
MH-17MSD

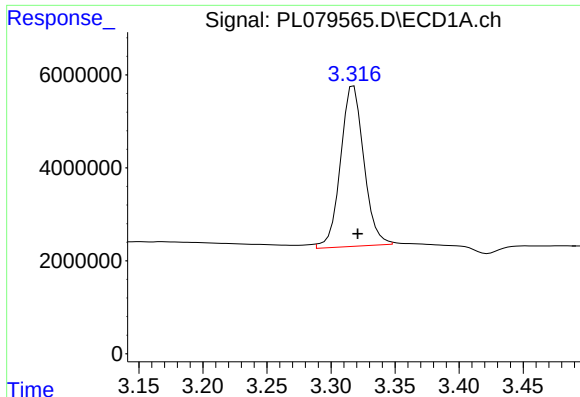
Manual Integrations
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Reviewed By :Abdul Mirza 12/06/2022
Supervised By :Ankita Jodhani 12/06/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 01:19:40 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
Quant Title : GC Extractables
QLast Update : Thu Nov 24 00:09:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





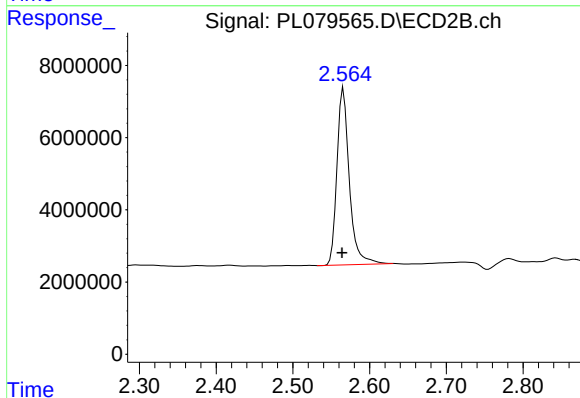
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.005 min
Response: 43528426
Conc: 19.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MSD

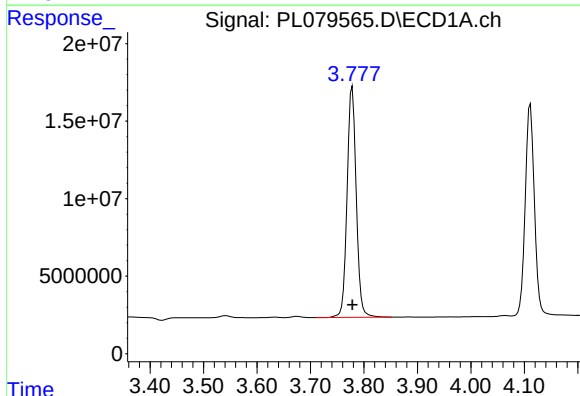
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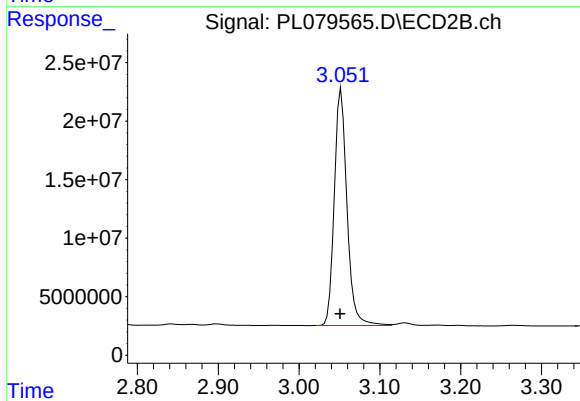
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: 0.001 min
Response: 55018661
Conc: 20.21 ng/ml



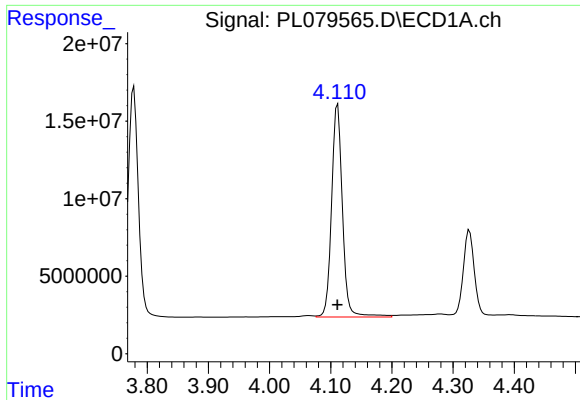
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 177094409
Conc: 51.50 ng/ml



#2 alpha-BHC

R.T.: 3.052 min
Delta R.T.: 0.002 min
Response: 220418889
Conc: 51.12 ng/ml



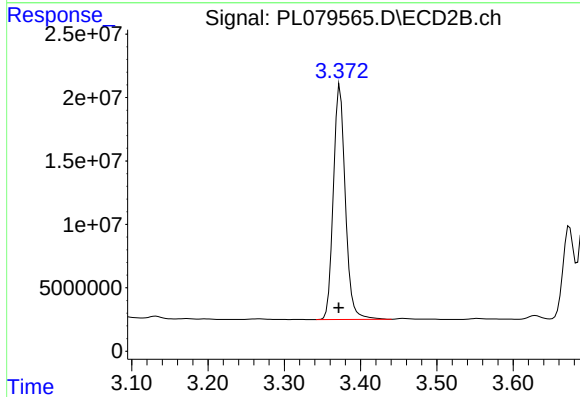
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: 0.000 min
Response: 169865379
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MSD

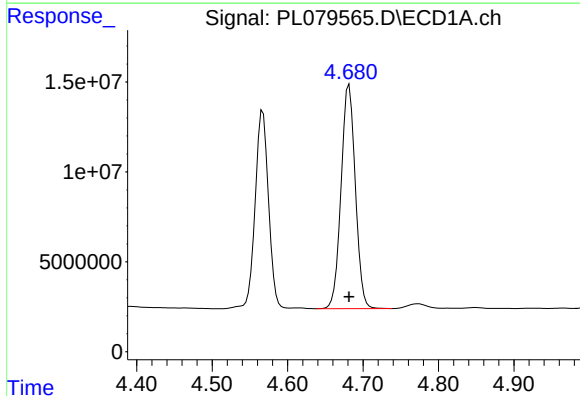
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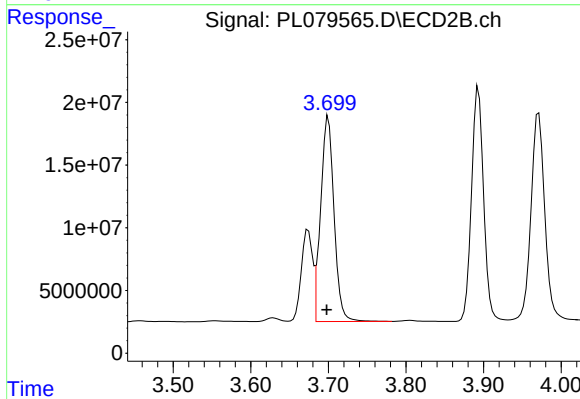
#3 gamma-BHC (Lindane)

R.T.: 3.373 min
Delta R.T.: 0.002 min
Response: 201227992
Conc: 51.68 ng/ml



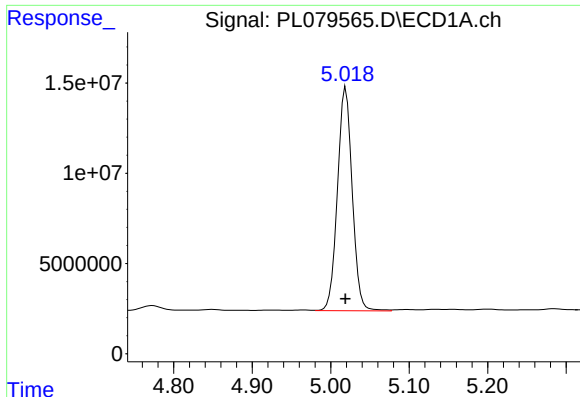
#4 Heptachlor

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 163556157
Conc: 49.63 ng/ml



#4 Heptachlor

R.T.: 3.700 min
Delta R.T.: 0.002 min
Response: 196302336
Conc: 51.02 ng/ml



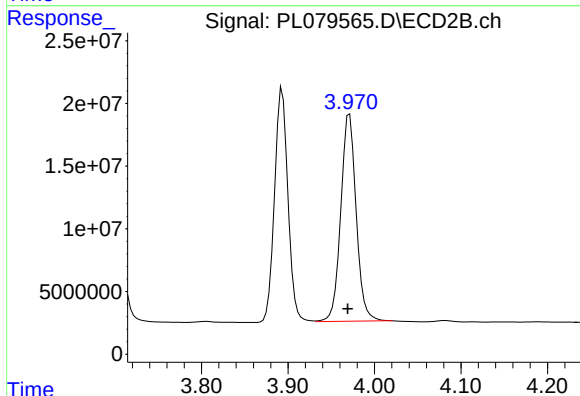
#5 Aldrin

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 161894816
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MSD

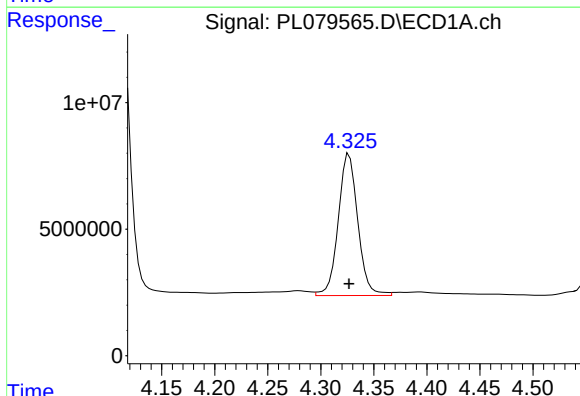
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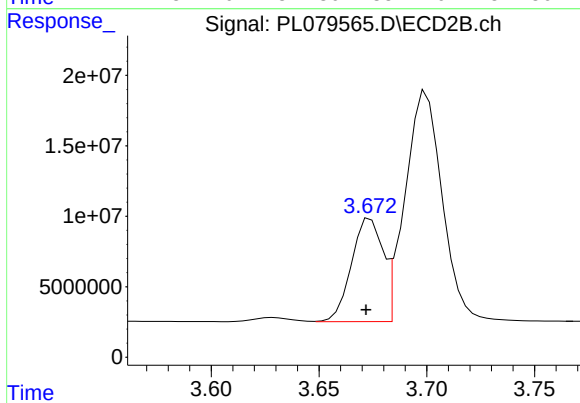
#5 Aldrin

R.T.: 3.971 min
Delta R.T.: 0.002 min
Response: 203297138
Conc: 54.75 ng/ml



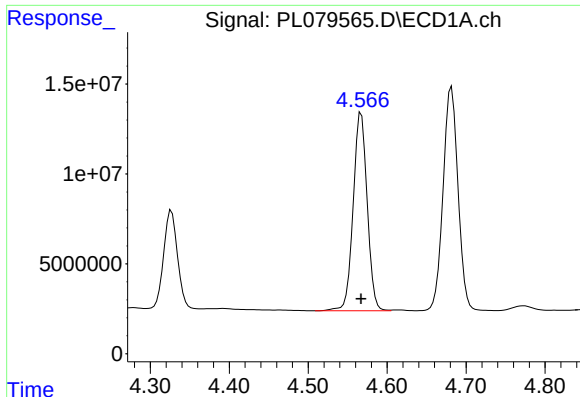
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 71727863
Conc: 50.80 ng/ml



#6 beta-BHC

R.T.: 3.674 min
Delta R.T.: 0.002 min
Response: 73798630
Conc: 48.71 ng/ml



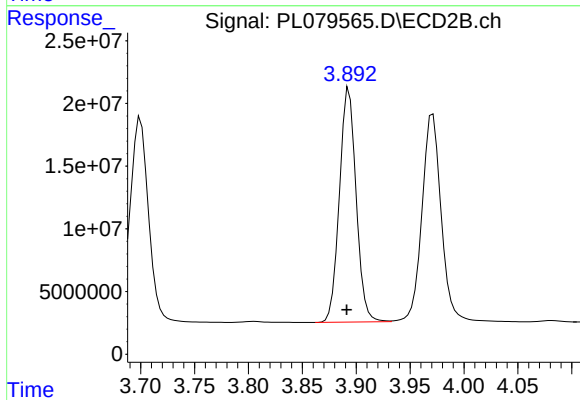
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 136068318
Conc: 49.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MSD

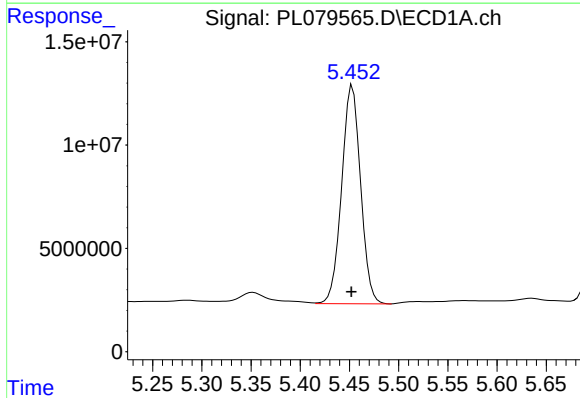
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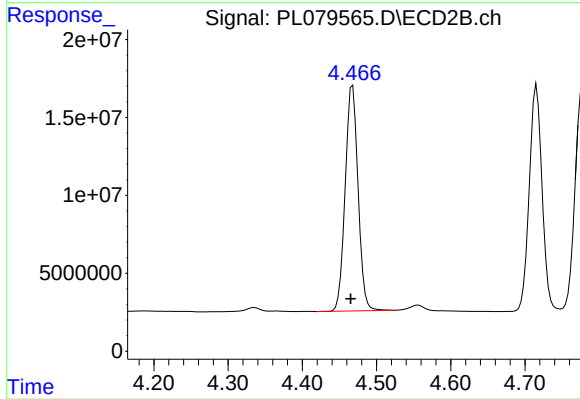
#7 delta-BHC

R.T.: 3.893 min
Delta R.T.: 0.002 min
Response: 201450719
Conc: 52.36 ng/ml



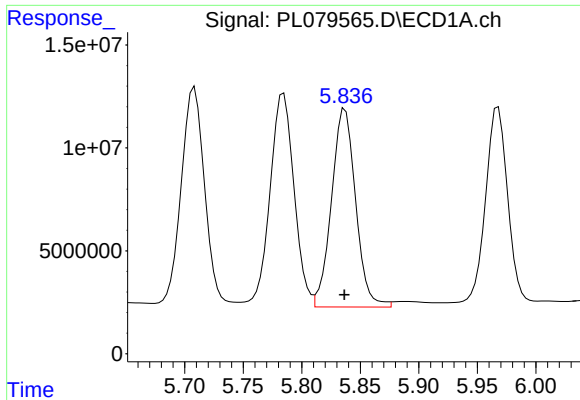
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: 0.001 min
Response: 141465451
Conc: 49.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.468 min
Delta R.T.: 0.002 min
Response: 174005718
Conc: 51.55 ng/ml



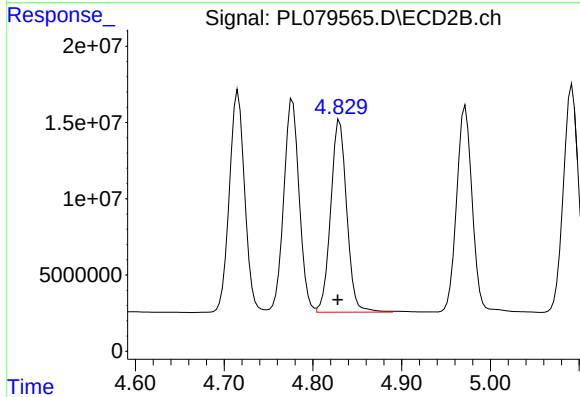
#9 Endosulfan I

R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 138245663
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MSD

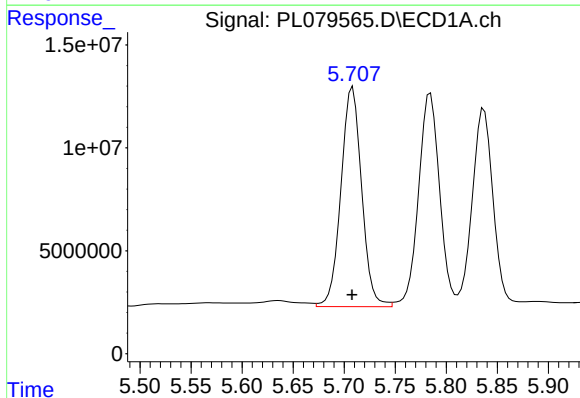
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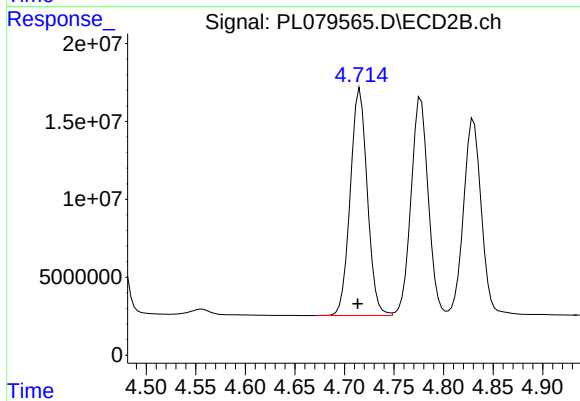
#9 Endosulfan I

R.T.: 4.830 min
Delta R.T.: 0.002 min
Response: 158186315
Conc: 49.44 ng/ml



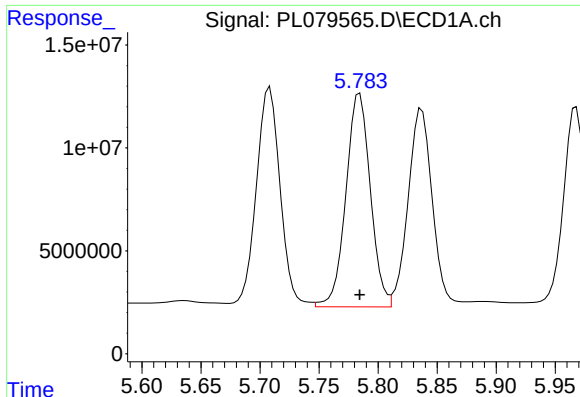
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 150624431
Conc: 52.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 174170085
Conc: 51.46 ng/ml



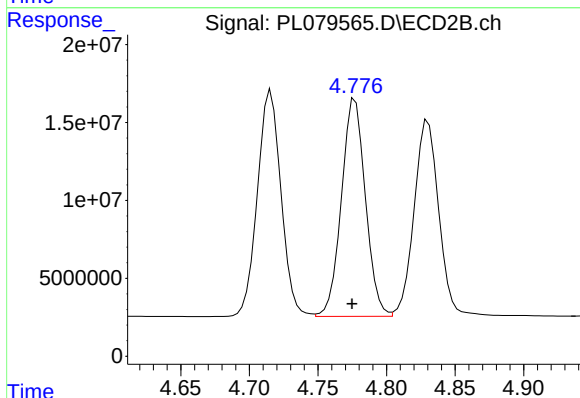
#11 alpha-Chlordane

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 149430942
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MSD

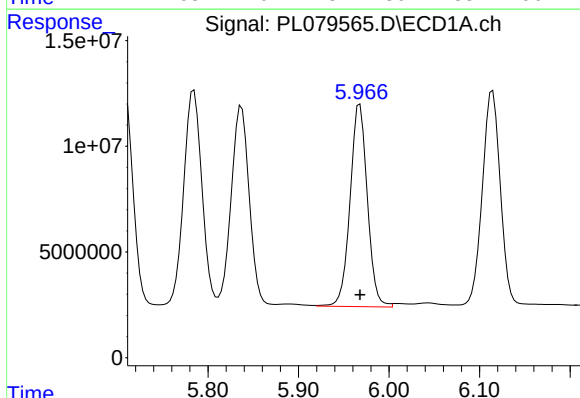
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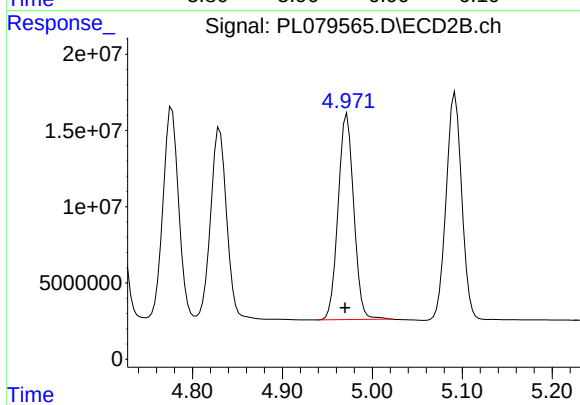
#11 alpha-Chlordane

R.T.: 4.777 min
Delta R.T.: 0.002 min
Response: 170135996
Conc: 50.80 ng/ml



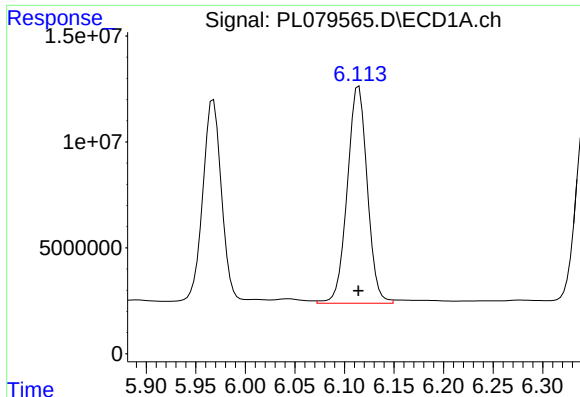
#12 4,4'-DDE

R.T.: 5.966 min
Delta R.T.: -0.001 min
Response: 126850751
Conc: 50.77 ng/ml m



#12 4,4'-DDE

R.T.: 4.972 min
Delta R.T.: 0.002 min
Response: 163103638
Conc: 53.20 ng/ml



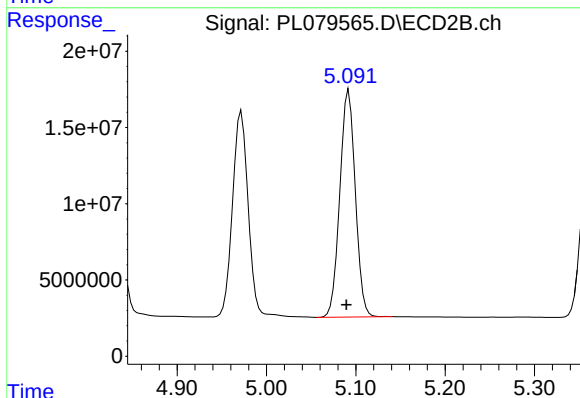
#13 Dieldrin

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 144239003
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MSD

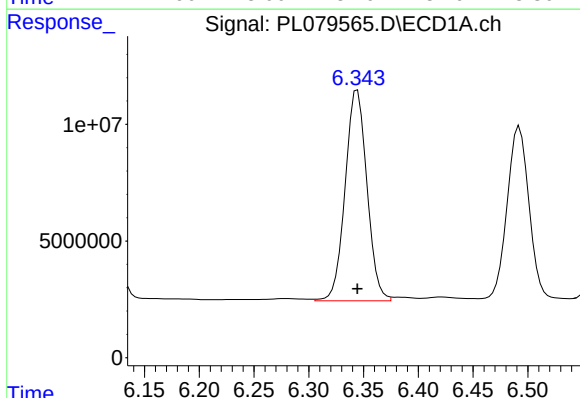
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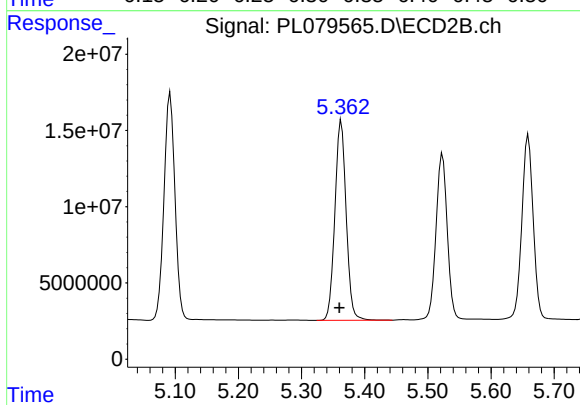
#13 Dieldrin

R.T.: 5.092 min
Delta R.T.: 0.003 min
Response: 179351140
Conc: 53.20 ng/ml



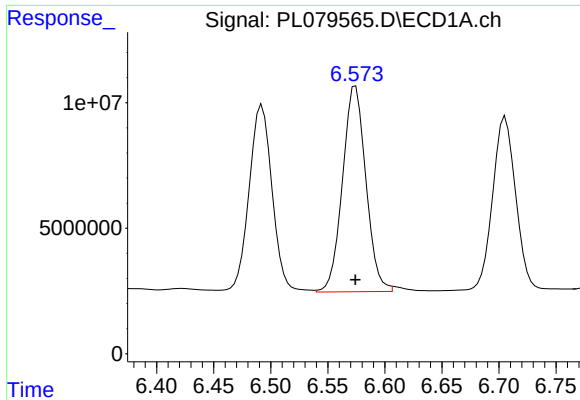
#14 Endrin

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 125498267
Conc: 51.88 ng/ml m



#14 Endrin

R.T.: 5.363 min
Delta R.T.: 0.003 min
Response: 163237295
Conc: 53.97 ng/ml



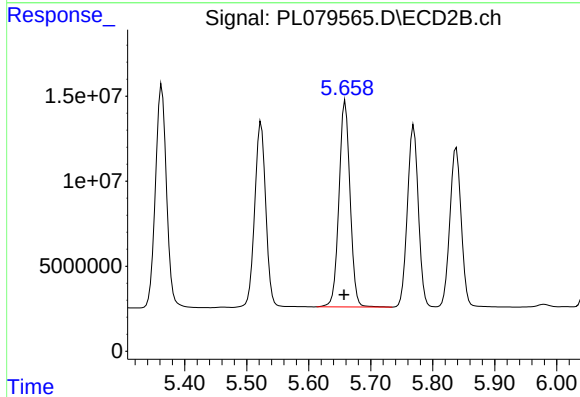
#15 Endosulfan II

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 116912002
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MSD

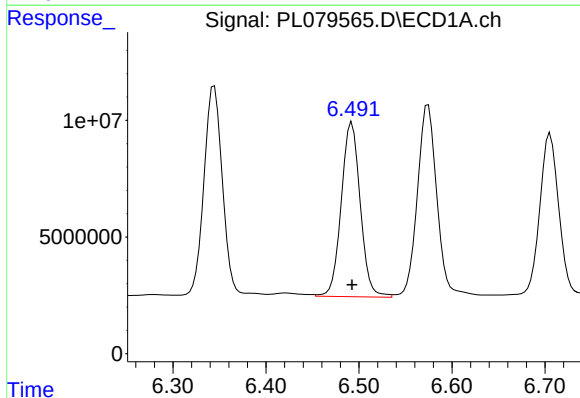
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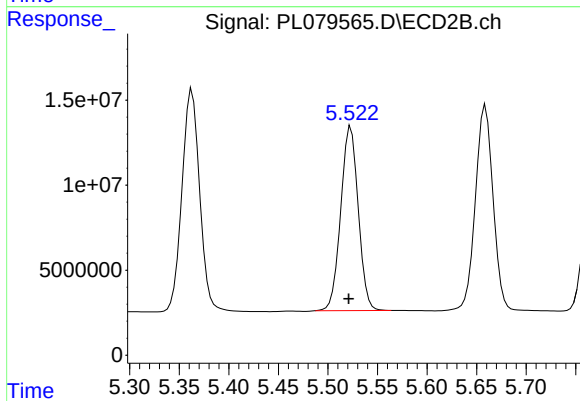
#15 Endosulfan II

R.T.: 5.659 min
Delta R.T.: 0.002 min
Response: 151433286
Conc: 54.12 ng/ml



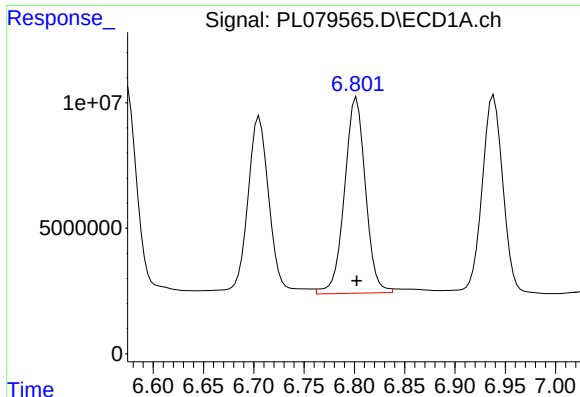
#16 4,4'-DDD

R.T.: 6.491 min
Delta R.T.: -0.002 min
Response: 106392471
Conc: 53.62 ng/ml m



#16 4,4'-DDD

R.T.: 5.523 min
Delta R.T.: 0.002 min
Response: 133130420
Conc: 53.22 ng/ml



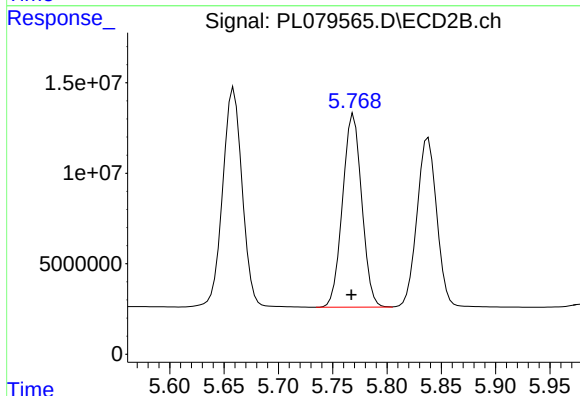
#17 4,4'-DDT

R.T.: 6.801 min
Delta R.T.: -0.002 min
Response: 112521044
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MSD

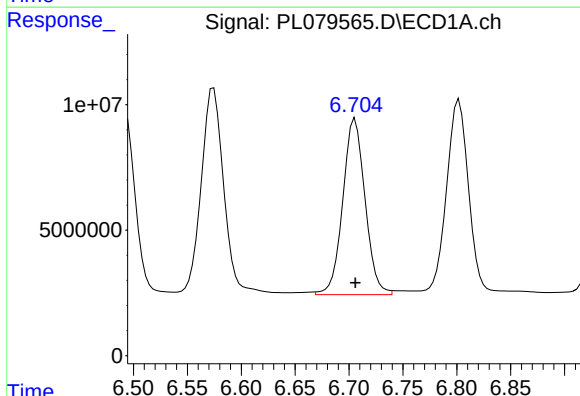
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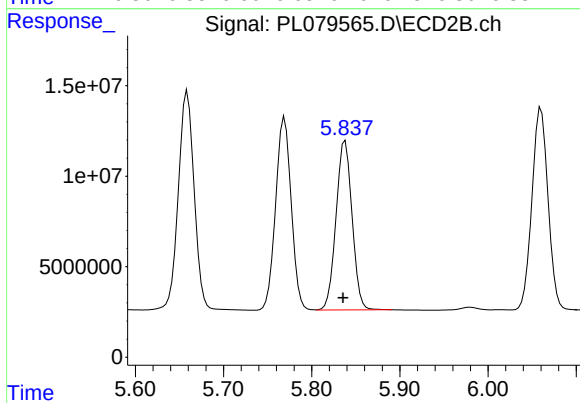
#17 4,4'-DDT

R.T.: 5.769 min
Delta R.T.: 0.002 min
Response: 131249147
Conc: 50.22 ng/ml



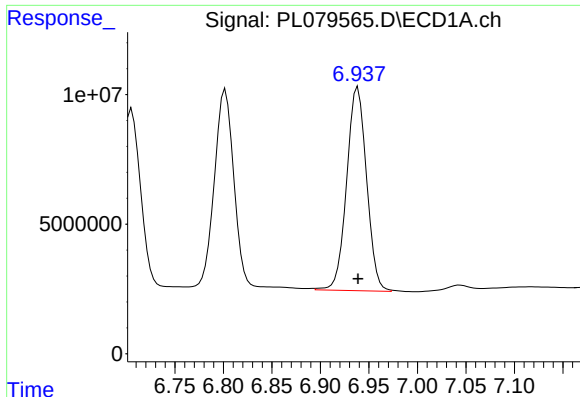
#18 Endrin aldehyde

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 100941802
Conc: 55.73 ng/ml m



#18 Endrin aldehyde

R.T.: 5.838 min
Delta R.T.: 0.003 min
Response: 118065176
Conc: 55.47 ng/ml



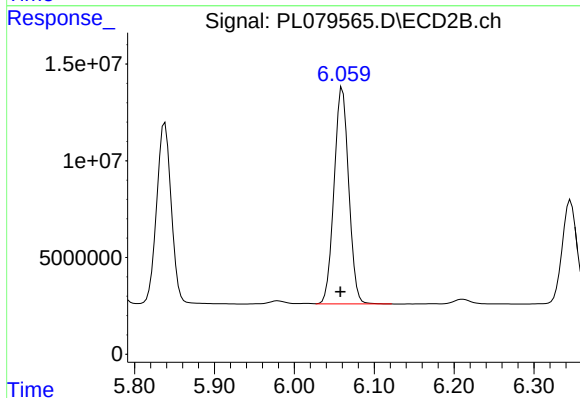
#19 Endosulfan Sulfate

R.T.: 6.937 min
Delta R.T.: -0.002 min
Response: 112116591
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MSD

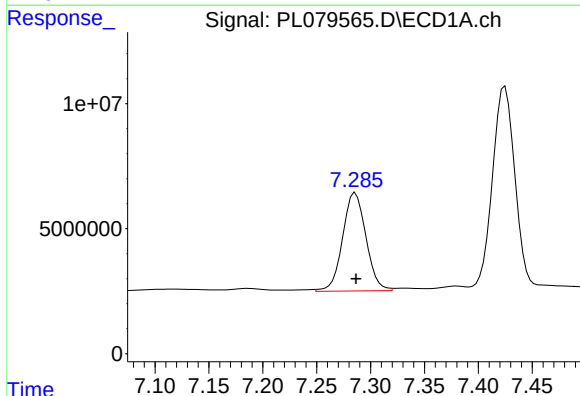
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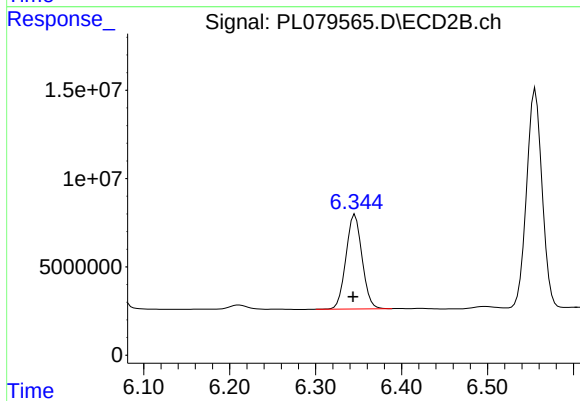
#19 Endosulfan Sulfate

R.T.: 6.060 min
Delta R.T.: 0.002 min
Response: 142262351
Conc: 50.42 ng/ml



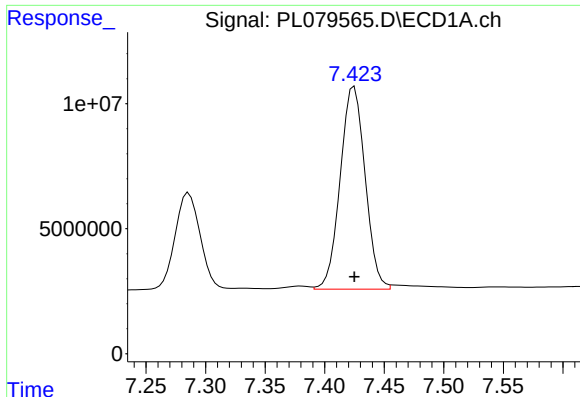
#20 Methoxychlor

R.T.: 7.285 min
Delta R.T.: -0.002 min
Response: 59176686
Conc: 49.05 ng/ml m



#20 Methoxychlor

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 69780637
Conc: 51.34 ng/ml



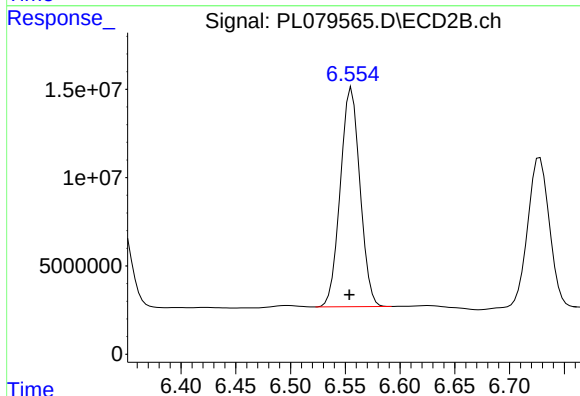
#21 Endrin ketone

R.T.: 7.423 min
Delta R.T.: -0.002 min
Response: 118206966
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MSD

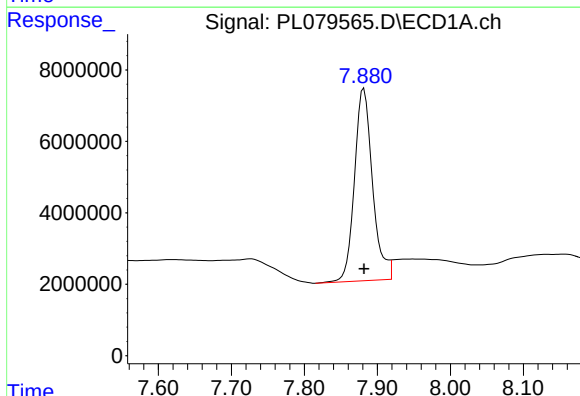
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APPROVED

Reviewed By :Abdul Mirza 12/06/2022
Supervised By :Ankita Jodhani 12/06/2022



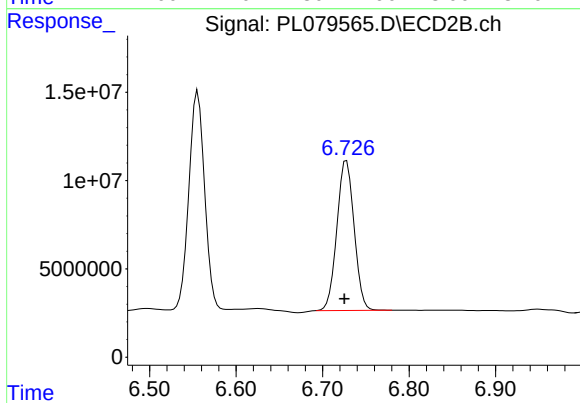
#21 Endrin ketone

R.T.: 6.556 min
Delta R.T.: 0.002 min
Response: 154871313
Conc: 50.28 ng/ml



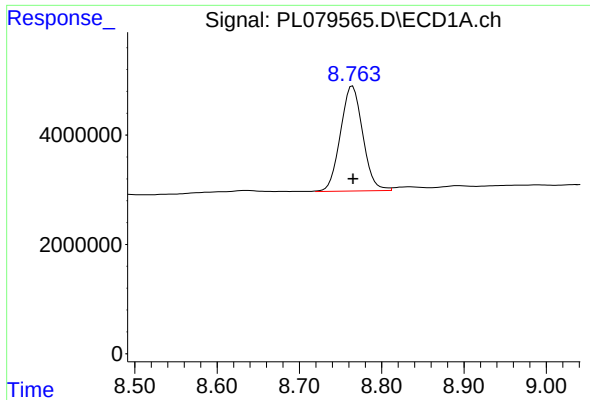
#22 Mirex

R.T.: 7.882 min
Delta R.T.: 0.000 min
Response: 92404129
Conc: 48.79 ng/ml



#22 Mirex

R.T.: 6.728 min
Delta R.T.: 0.002 min
Response: 116845584
Conc: 49.41 ng/ml



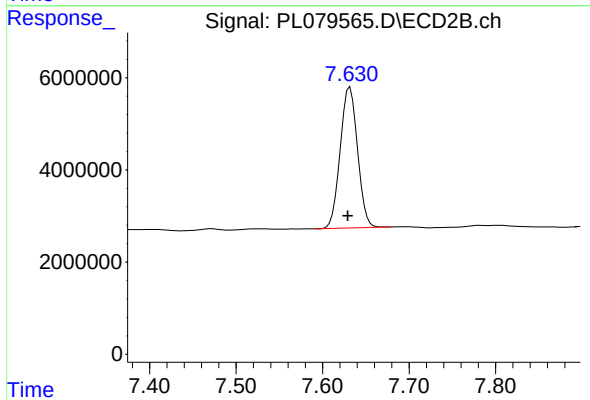
#28 Decachlorobiphenyl

R.T.: 8.765 min
Delta R.T.: 0.000 min
Response: 36144016
Conc: 18.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.632 min
Delta R.T.: 0.003 min
Response: 42291965
Conc: 18.00 ng/ml