

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051524\
 Data File : PD082816.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2024 10:31
 Operator : AR\AJ
 Sample : P2403-03
 Misc : PEST MDL 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/17/2024
 Supervised By :Ankita Jodhani 05/17/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 05:48:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 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...	3.564	2.776	30292799	76951566	19.567	19.416
2)	SA Decachlor...	9.120	7.906	41415800	80057836	20.740	20.712
Target Compounds							
2)	A alpha-BHC	4.022	3.274	2586429	5039194	0.944	0.808m
3)	MA gamma-BHC...	4.355	3.604	2283746	4895273	0.864	0.828
4)	MA Heptachlor	4.948	3.941	2521373	5074403	1.000	0.917m
5)	MB Aldrin	5.292	4.221	2282382	4951676	0.886	0.869m
6)	B beta-BHC	4.552	3.900	967276	2872081	0.924	1.203 #
7)	B delta-BHC	4.798	4.128	3404431	4736303	1.370m	0.818m#
8)	B Heptachlo...	5.717	4.722	2633309	4743608	1.129m	0.942m
9)	A Endosulfan I	6.106	5.093	2019866	4320731	0.935m	0.937
10)	B gamma-Chl...	5.975	4.971	2148073	4760149	0.948m	0.952m
11)	B alpha-Chl...	6.055	5.037	2273517	5071872	1.005m	1.021
12)	B 4,4'-DDE	6.228	5.224	2139488	4255088	0.978	0.912m
13)	MA Dieldrin	6.382	5.357	2194671	4769506	0.981m	0.949
14)	MA Endrin	6.614	5.630	1697697	4556021	0.902	1.042m
15)	B Endosulfa...	6.832	5.925	2353245	4139339	1.180m	0.991
16)	A 4,4'-DDD	6.745	5.778	1650900	3752219	1.032m	0.997m
17)	MA 4,4'-DDT	7.060	6.030	1512819	2933900	0.896m	0.765
18)	B Endrin al...	6.962	6.105	1563720	3669368	1.117m	1.175
19)	B Endosulfa...	7.197	6.327	1972704	4679423	1.118m	1.174
20)	A Methoxychlor	7.538	6.605	947664	1863321	1.034m	0.917
21)	B Endrin ke...	7.686	6.833	2113411	4070851	1.100	0.895
22)	Mirex	8.163	7.014	1894415	3939557	1.236	1.103

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051524\
Data File : PD082816.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2024 10:31
Operator : AR\AJ
Sample : P2403-03
Misc : PEST MDL 1PPB
ALS Vial : 9 Sample Multiplier: 1

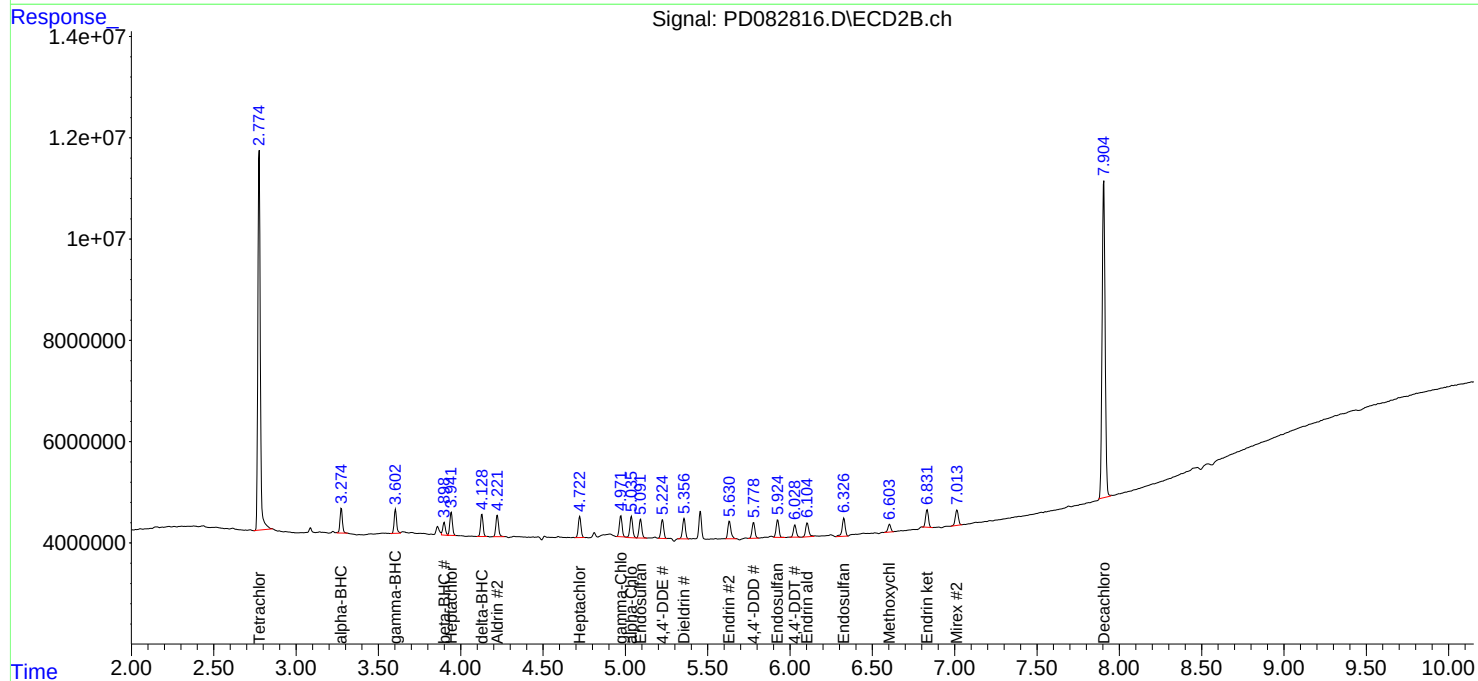
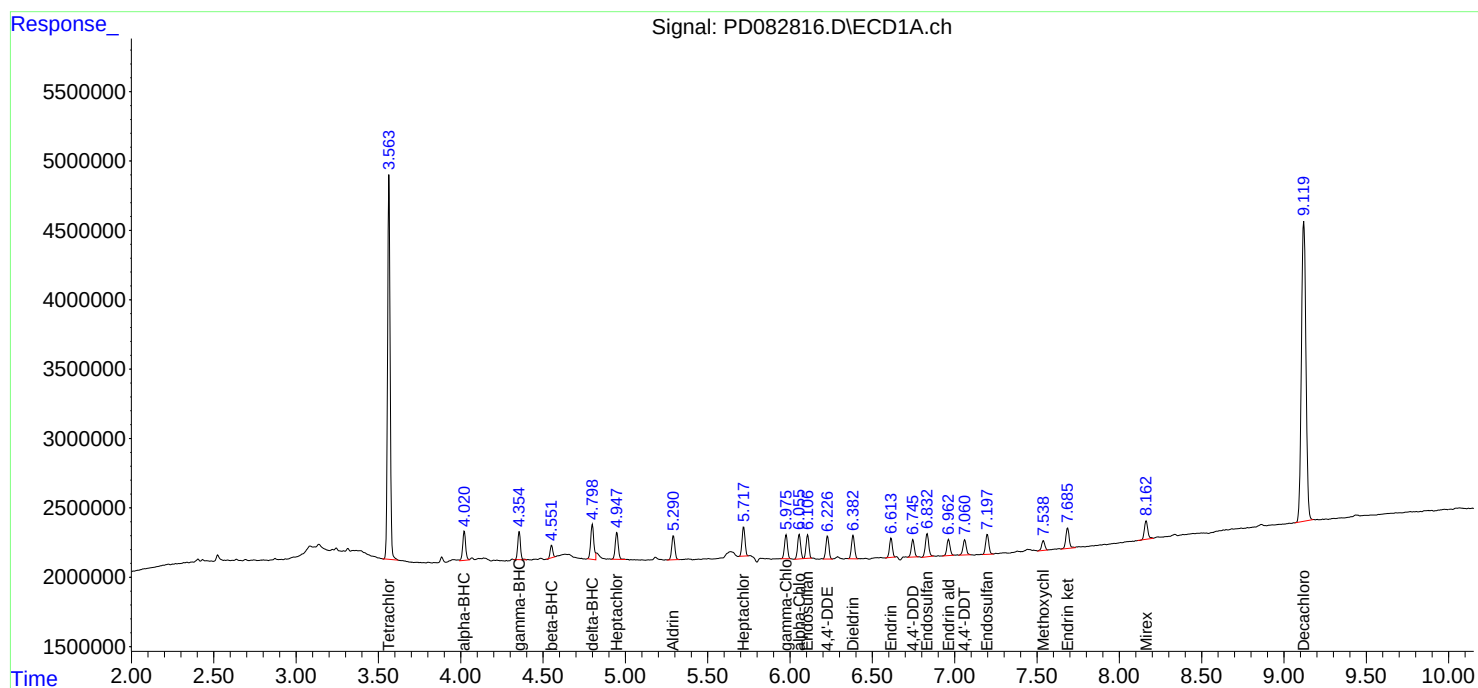
Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

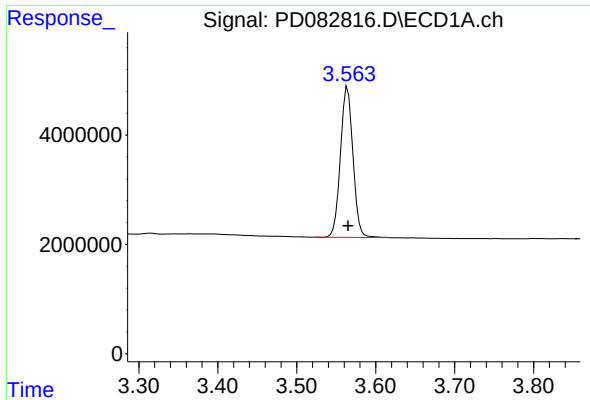
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 05:48:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 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





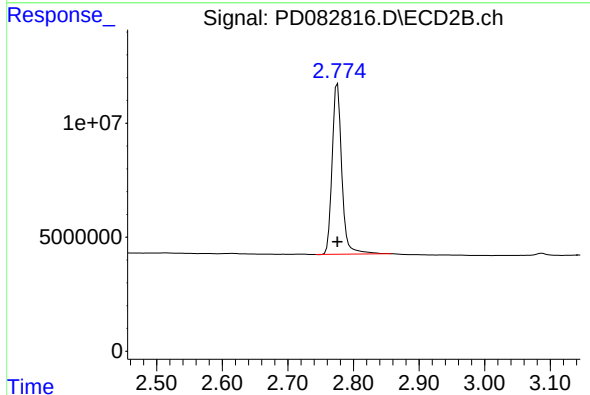
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.000 min
Response: 30292799
Conc: 19.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

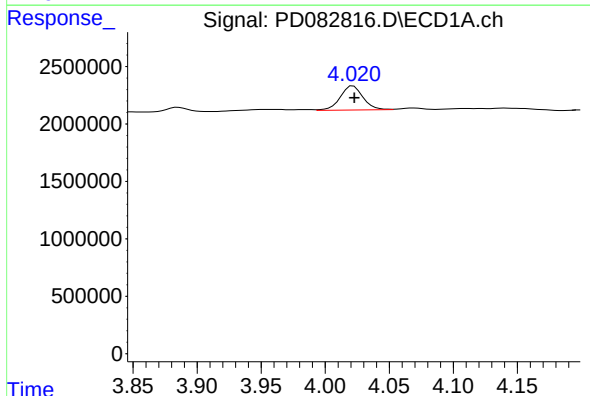
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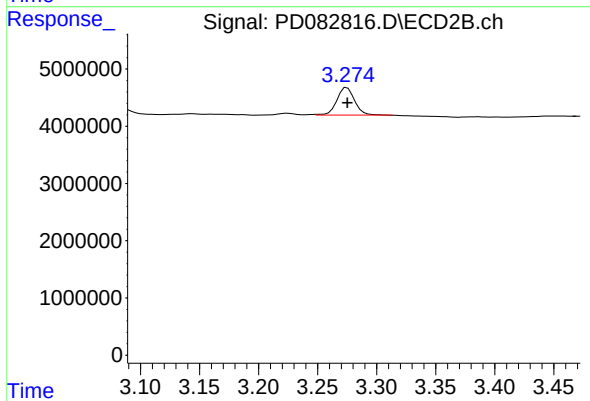
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 76951566
Conc: 19.42 ng/ml



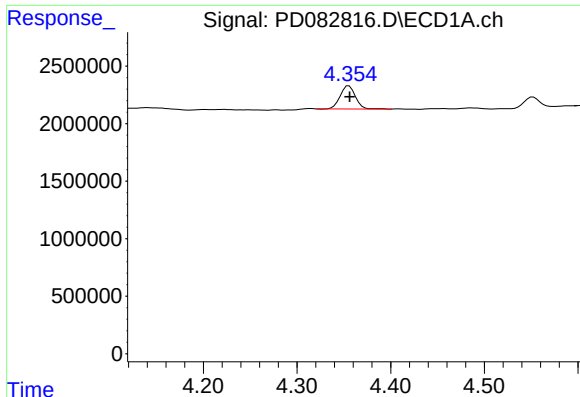
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 2586429
Conc: 0.94 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.002 min
Response: 5039194
Conc: 0.81 ng/ml m



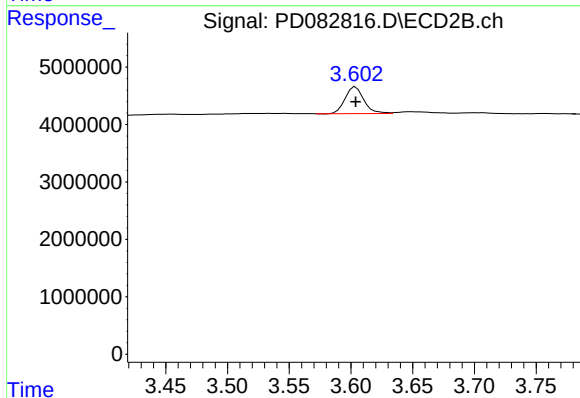
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 2283746
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

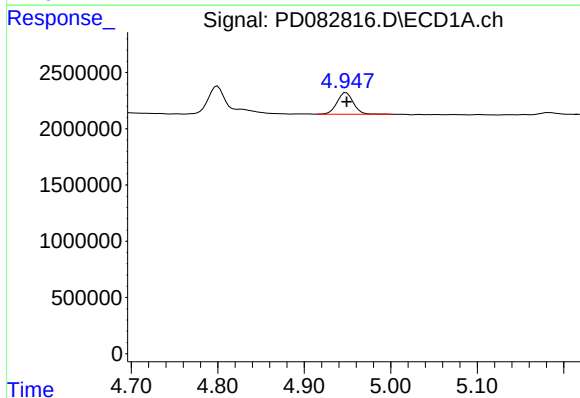
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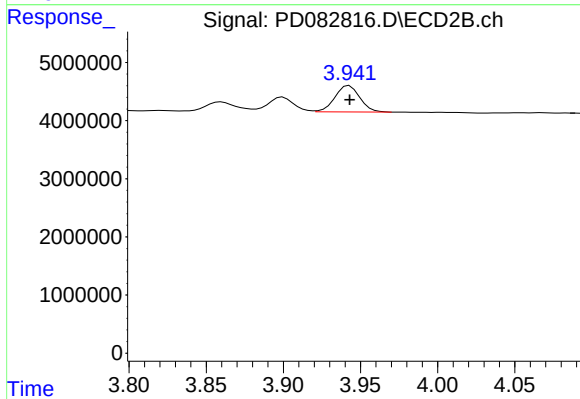
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 4895273
Conc: 0.83 ng/ml



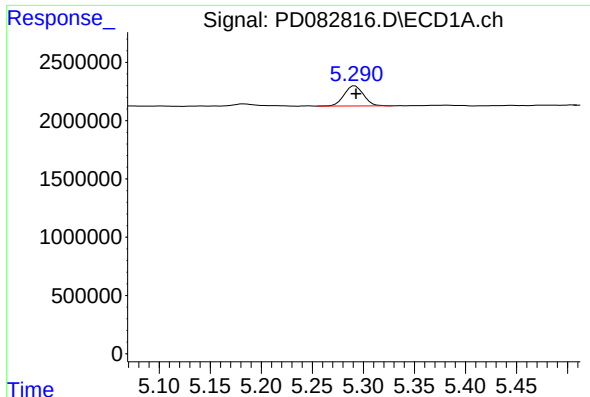
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 2521373
Conc: 1.00 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 5074403
Conc: 0.92 ng/ml m



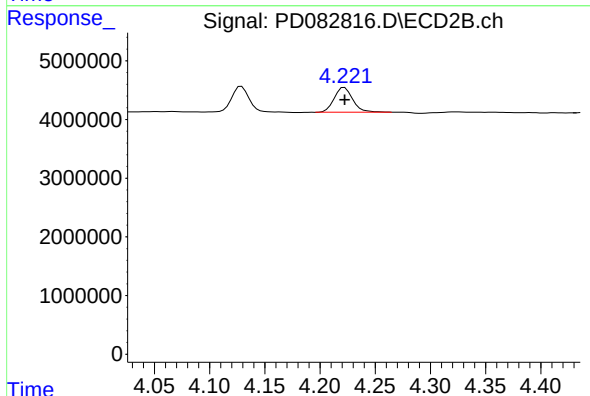
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 2282382
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

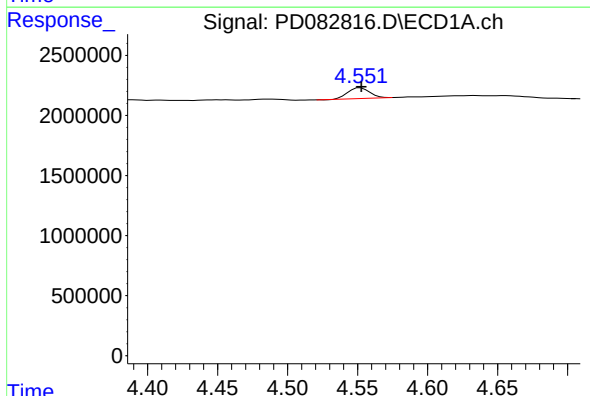
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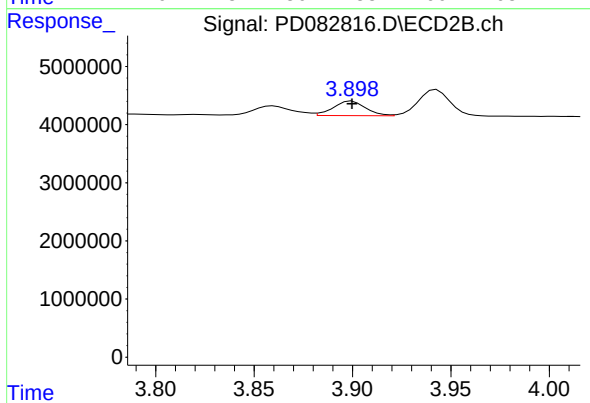
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: -0.002 min
Response: 4951676
Conc: 0.87 ng/ml m



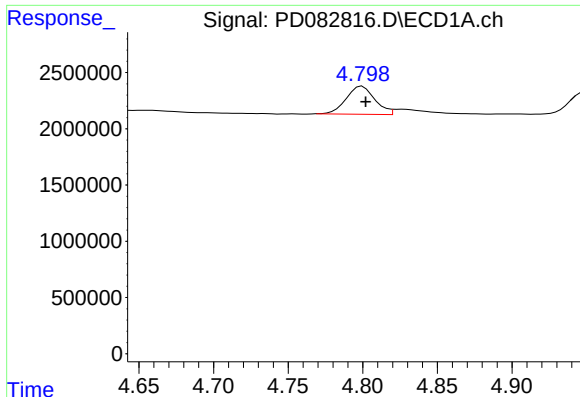
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 967276
Conc: 0.92 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 2872081
Conc: 1.20 ng/ml



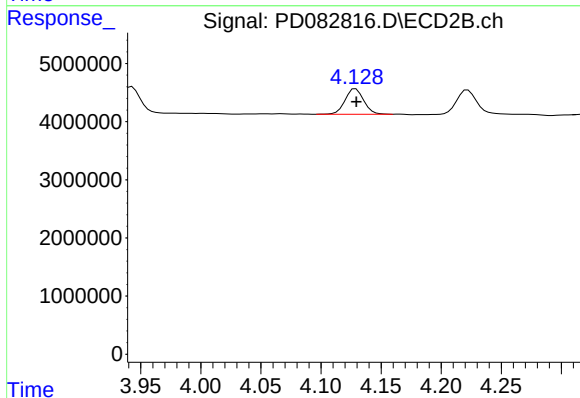
#7 delta-BHC

R.T.: 4.798 min
Delta R.T.: -0.004 min
Response: 3404431
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

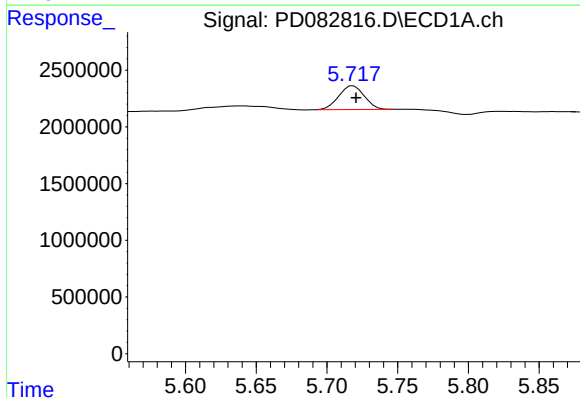
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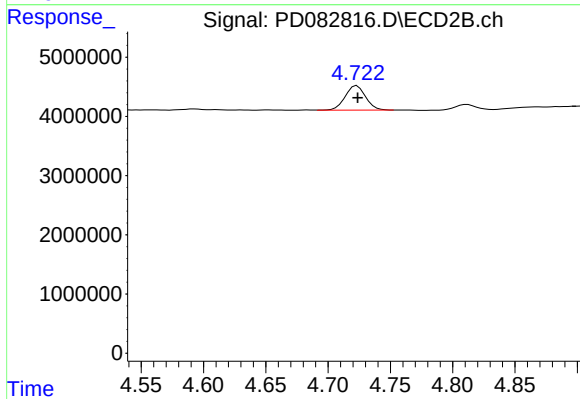
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 4736303
Conc: 0.82 ng/ml m



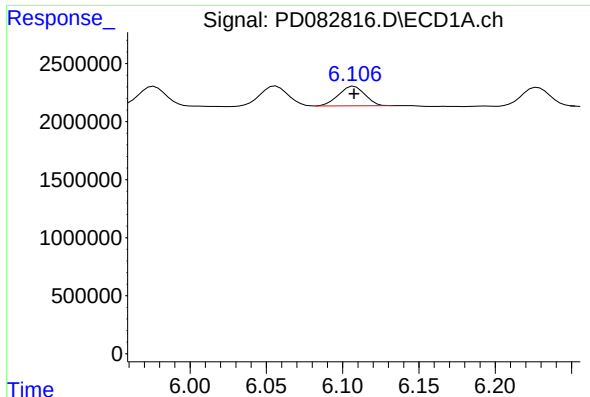
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.003 min
Response: 2633309
Conc: 1.13 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.002 min
Response: 4743608
Conc: 0.94 ng/ml m



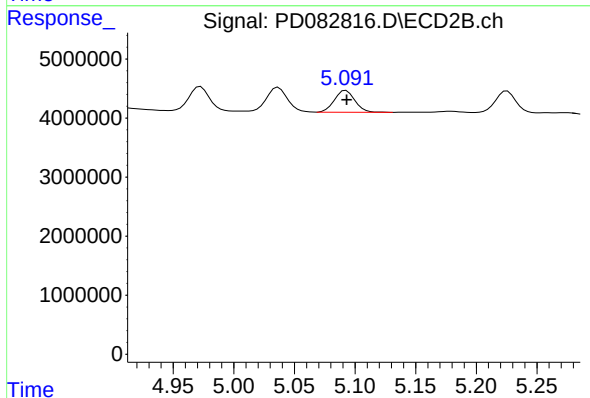
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 2019866
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

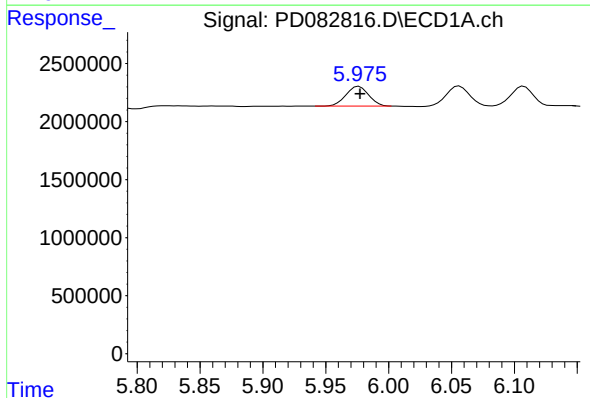
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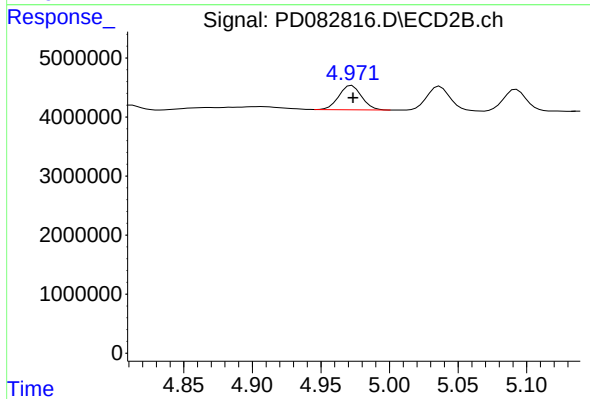
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 4320731
Conc: 0.94 ng/ml



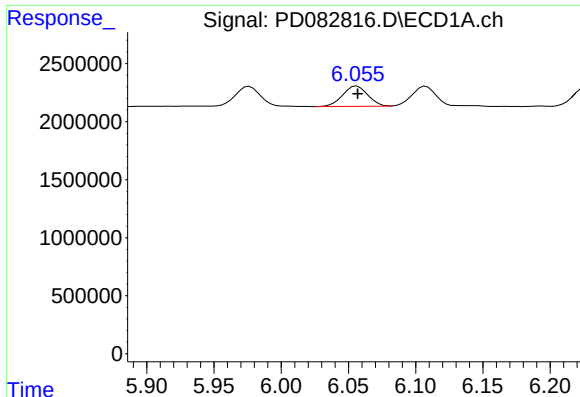
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 2148073
Conc: 0.95 ng/ml m



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.002 min
Response: 4760149
Conc: 0.95 ng/ml m



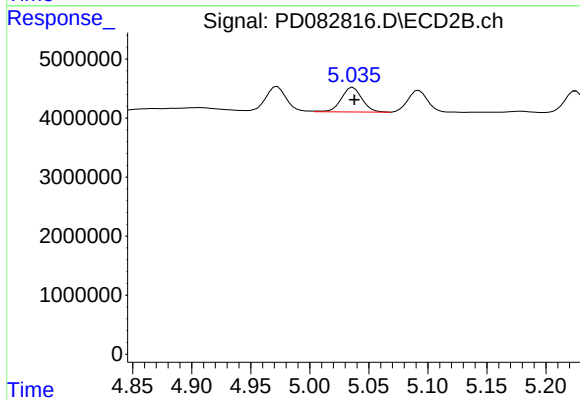
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 2273517
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

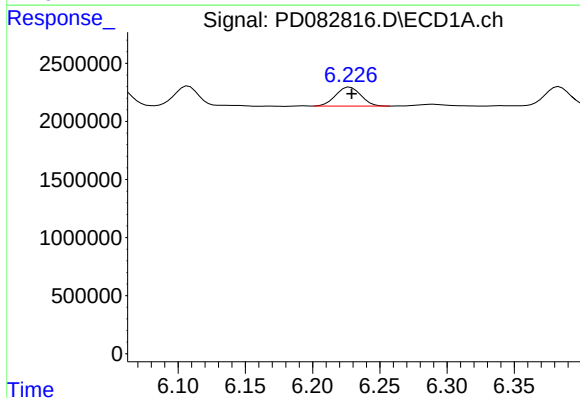
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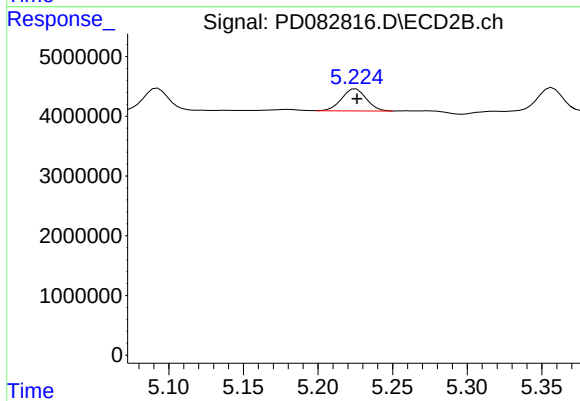
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 5071872
Conc: 1.02 ng/ml



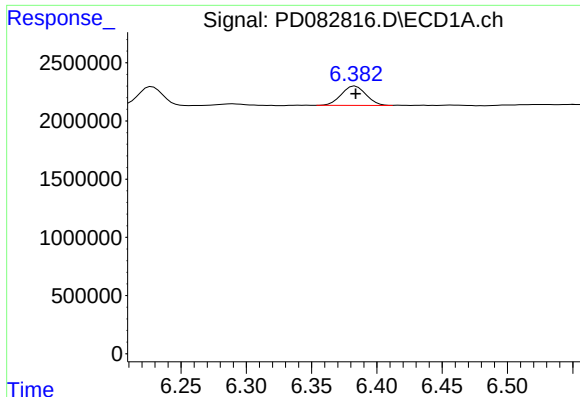
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: -0.001 min
Response: 2139488
Conc: 0.98 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 4255088
Conc: 0.91 ng/ml m



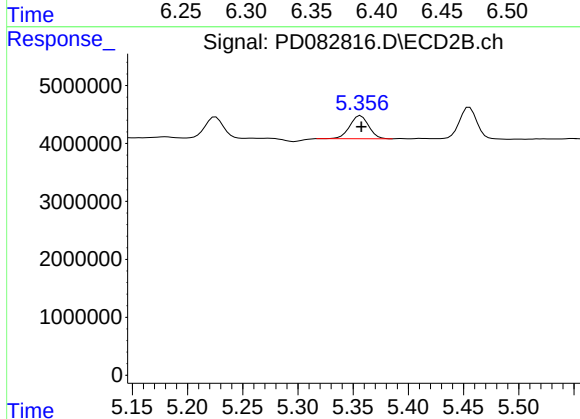
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 2194671
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

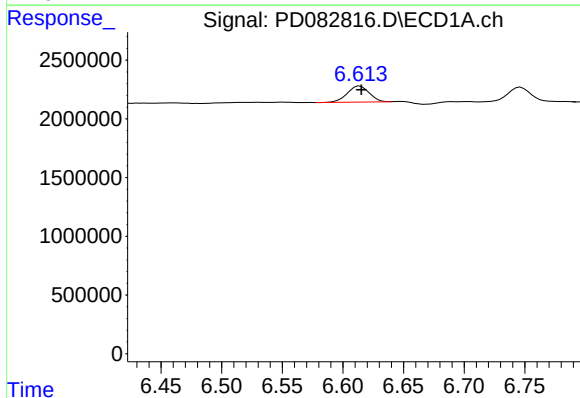
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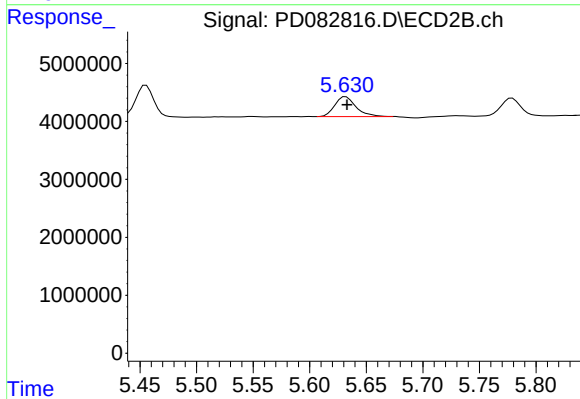
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 4769506
Conc: 0.95 ng/ml



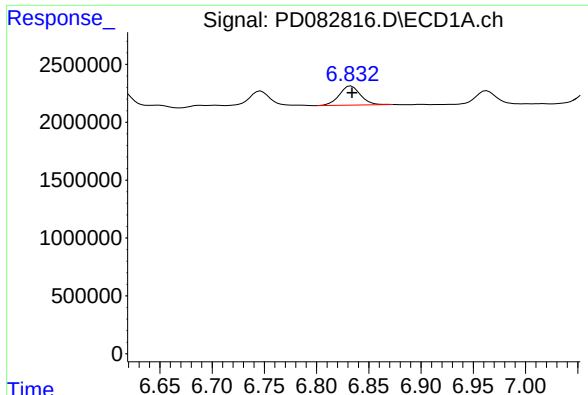
#14 Endrin

R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 1697697
Conc: 0.90 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.002 min
Response: 4556021
Conc: 1.04 ng/ml m



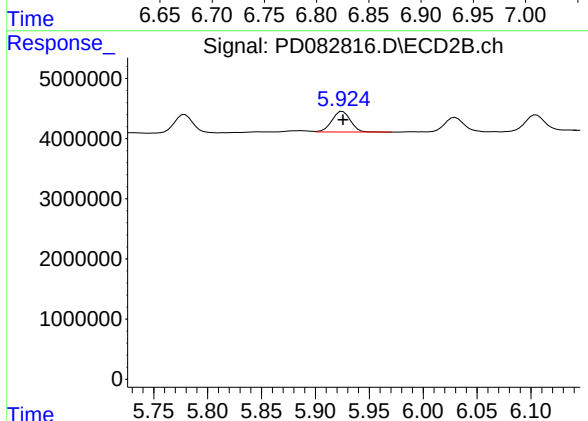
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 2353245
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

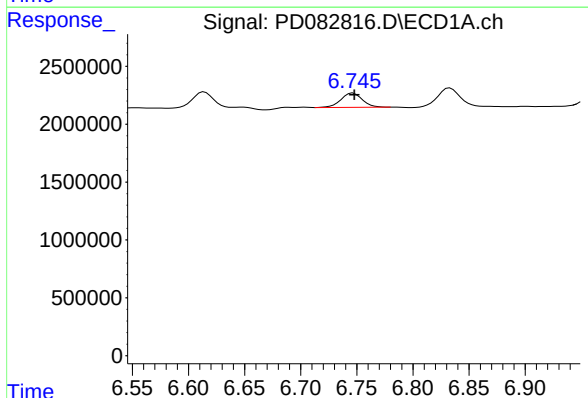
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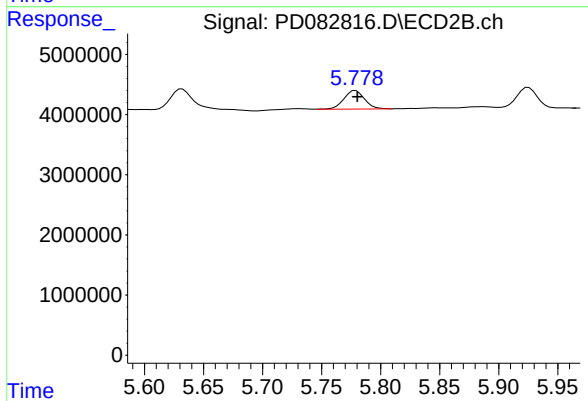
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 4139339
Conc: 0.99 ng/ml



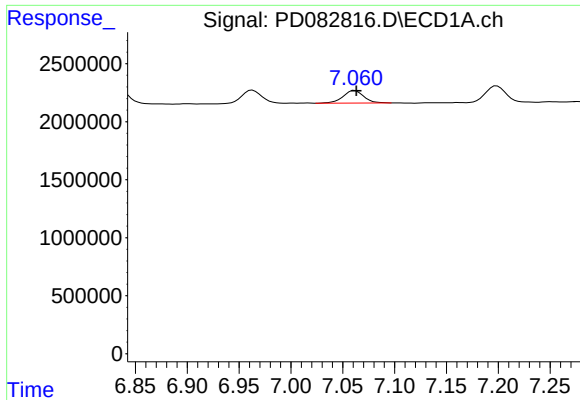
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: -0.003 min
Response: 1650900
Conc: 1.03 ng/ml m



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 3752219
Conc: 1.00 ng/ml m



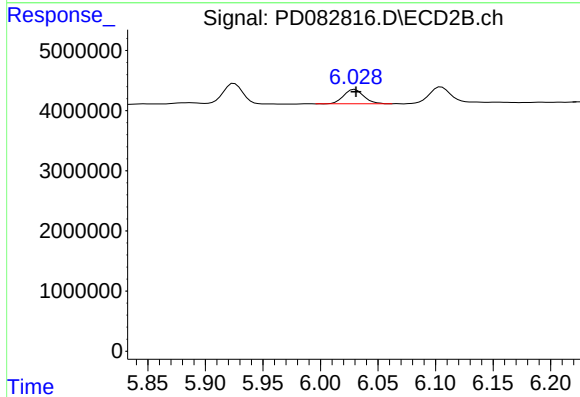
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: -0.003 min
Response: 1512819
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

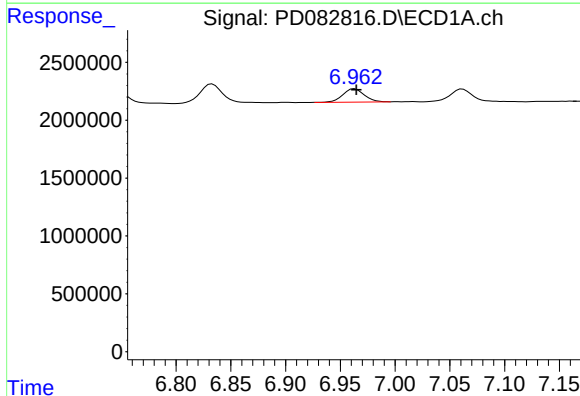
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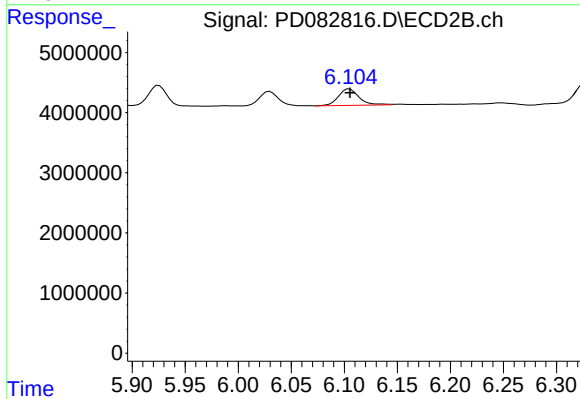
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 2933900
Conc: 0.77 ng/ml



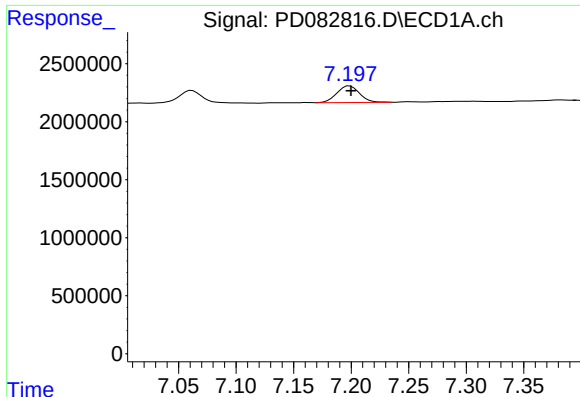
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: -0.003 min
Response: 1563720
Conc: 1.12 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 3669368
Conc: 1.18 ng/ml



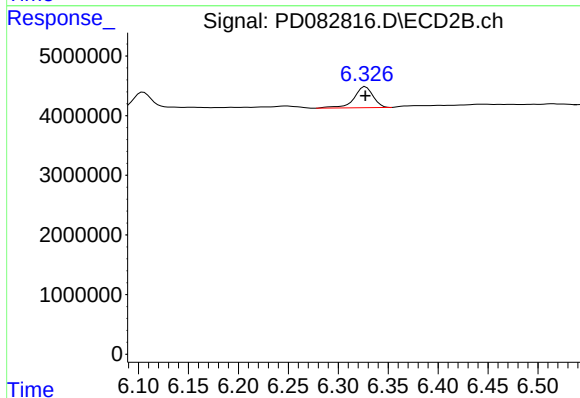
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: -0.003 min
Response: 1972704
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

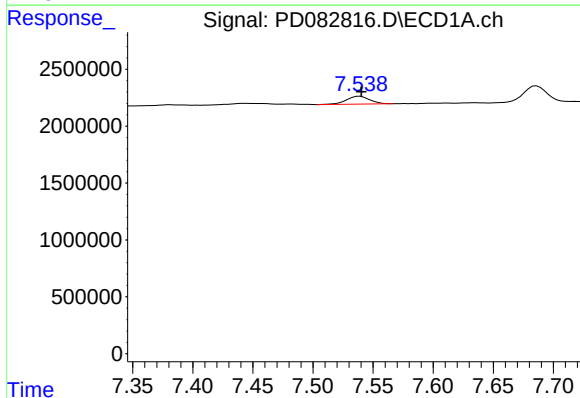
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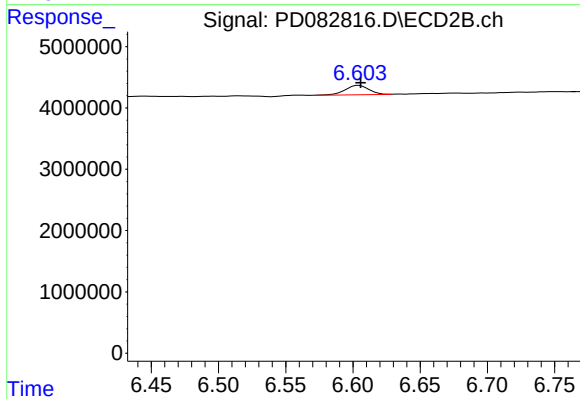
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 4679423
Conc: 1.17 ng/ml



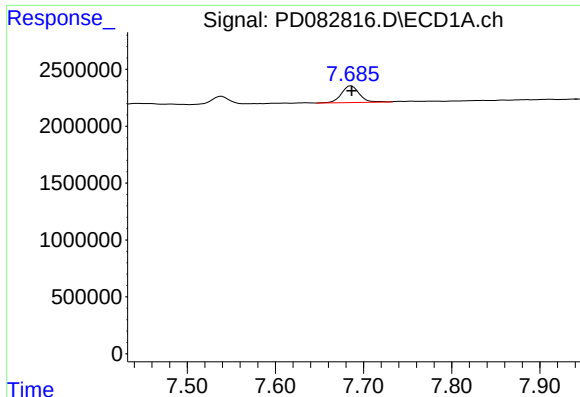
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.003 min
Response: 947664
Conc: 1.03 ng/ml m



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.001 min
Response: 1863321
Conc: 0.92 ng/ml



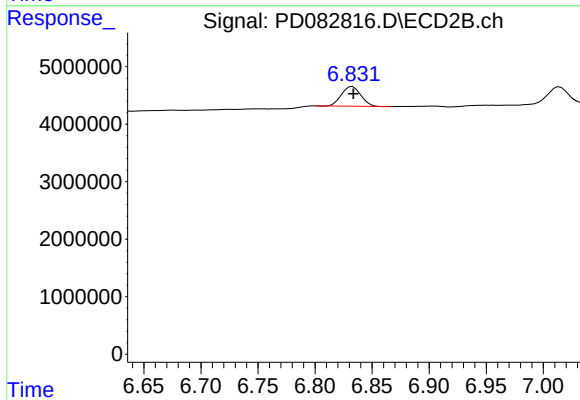
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 2113411
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

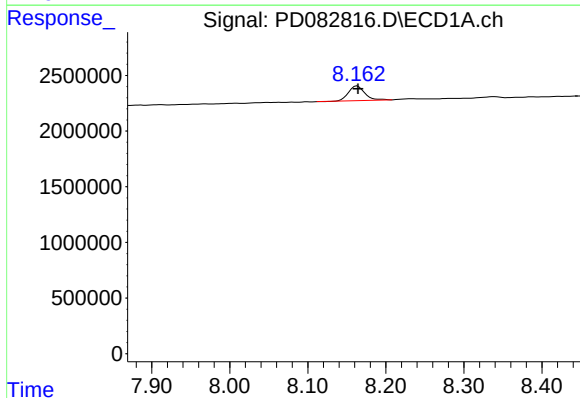
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



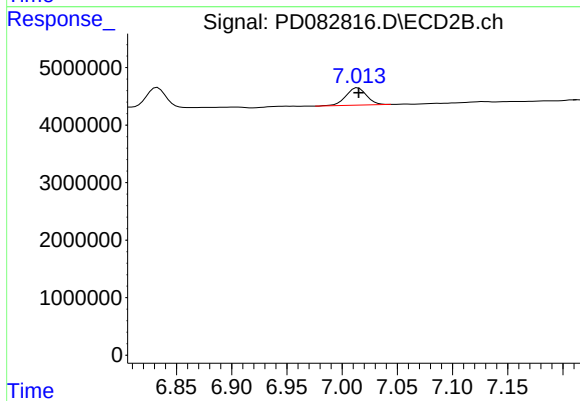
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 4070851
Conc: 0.90 ng/ml



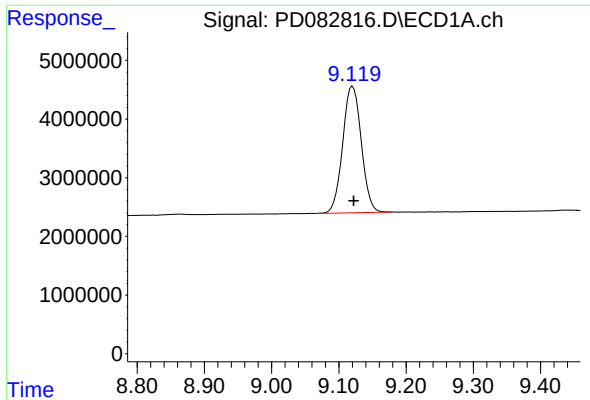
#22 Mirex

R.T.: 8.163 min
Delta R.T.: -0.001 min
Response: 1894415
Conc: 1.24 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 3939557
Conc: 1.10 ng/ml



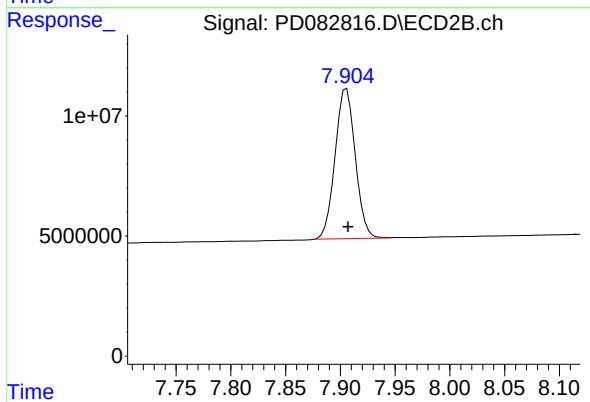
#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.002 min
Response: 41415800
Conc: 20.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.001 min
Response: 80057836
Conc: 20.71 ng/ml