

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090721\
 Data File : PD065576.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2021 10:34
 Operator : AR\AJ
 Sample : M2940-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 14:43:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 09 14:43:30 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.497	4.013	17273282	141.4E6	17.626	19.292
28)	SA Decachlor...	8.241	9.087	29813726	96998466	17.293	18.178
Target Compounds							
2)	A alpha-BHC	3.936	4.406	1401257	11235294	0.973	1.062m
3)	MA gamma-BHC...	4.220	4.694	1847802	10315643	1.280	1.047m
4)	MA Heptachlor	4.518	5.198	1558867	10426312	1.027	1.147
5)	MB Aldrin	4.766	5.504	1334843	10094577	0.934	1.196 #
6)	B beta-BHC	4.467	4.871	1115450	13479990	1.298m	2.896 #
7)	B delta-BHC	4.671	5.087	1232316	13102809	0.826m	1.409 #
8)	B Heptachlo...	5.209	5.892	1393988	9346103	0.956	1.298 #
9)	A Endosulfan I	5.547	6.252	1468985	7464607	1.036	1.060
10)	B gamma-Chl...	5.433	6.127	1484306	7940168	0.972	1.057
11)	B alpha-Chl...	5.492	6.199	1482550	7988585	0.985	1.085
12)	B 4,4'-DDE	5.654	6.357	1386749	8494623	0.973	1.176
13)	MA Dieldrin	5.789	6.510	1451079	9132047	0.938	1.210 #
14)	MA Endrin	6.048	6.728	1709450	5970286	1.243	1.001
15)	B Endosulfa...	6.318	6.942	1512790	6956008	1.053m	1.085
16)	A 4,4'-DDD	6.170	6.851	960128	6456893	0.753	1.034 #
17)	MA 4,4'-DDT	6.410	7.148	1266303	5890680	0.920	0.967
18)	B Endrin al...	6.488	7.066	1363745	6150732	1.081	1.126
19)	B Endosulfa...	6.700	7.288	1608174	6799332	1.041	1.064
20)	A Methoxychlor	6.956	7.607	723768	2944941	0.863	0.905m
21)	B Endrin ke...	7.193	7.763	1765071	9570990	0.949	1.265 #
22)	Mirex	7.380	8.211	2283179	7456161	1.456	1.410

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090721\
Data File : PD065576.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Sep 2021 10:34
Operator : AR\AJ
Sample : M2940-03
Misc : PEST MDL 1 PPB
ALS Vial : 7 Sample Multiplier: 1

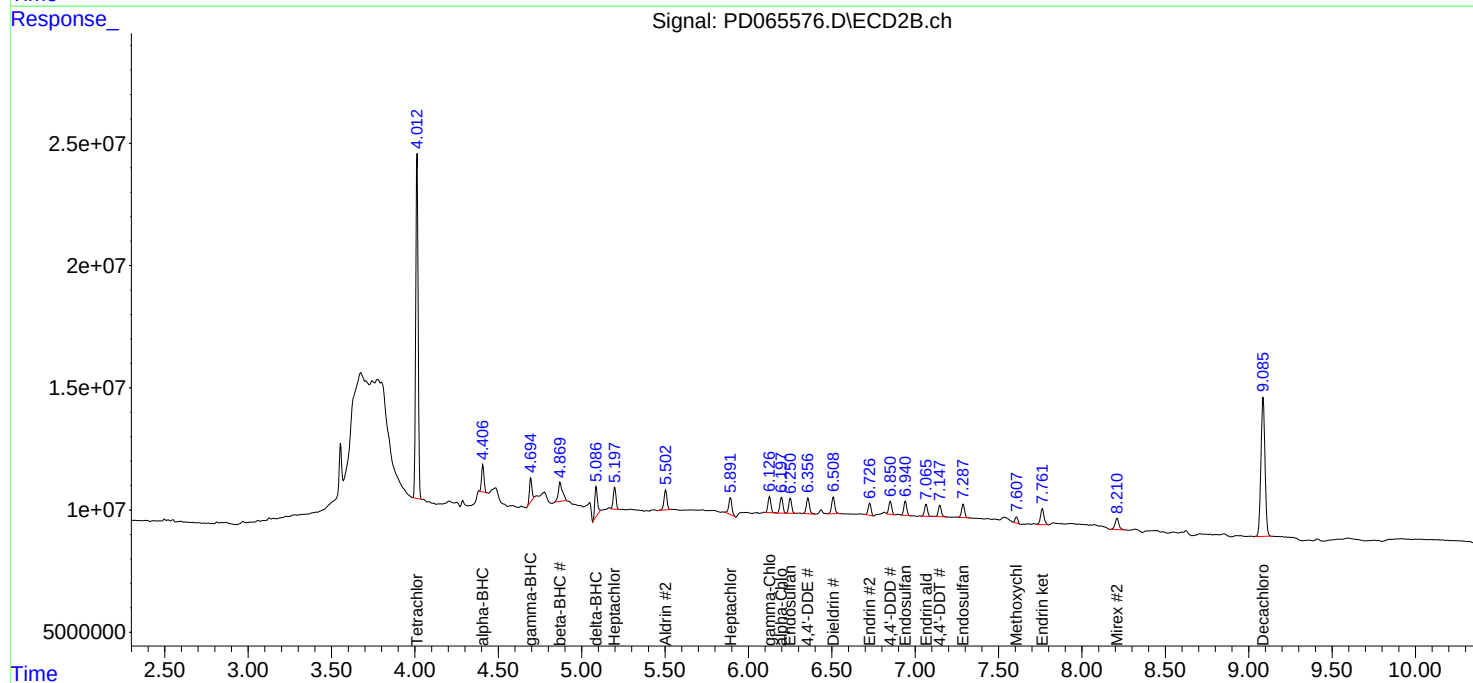
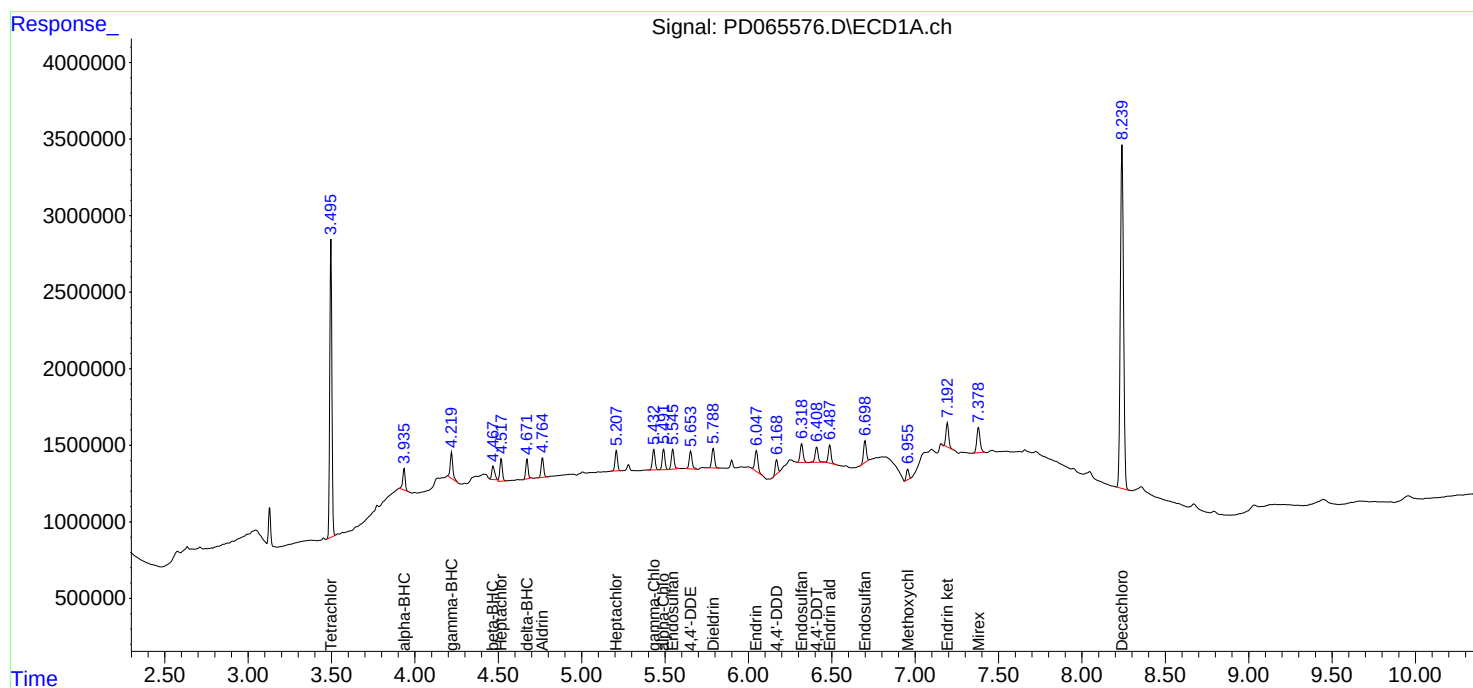
Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

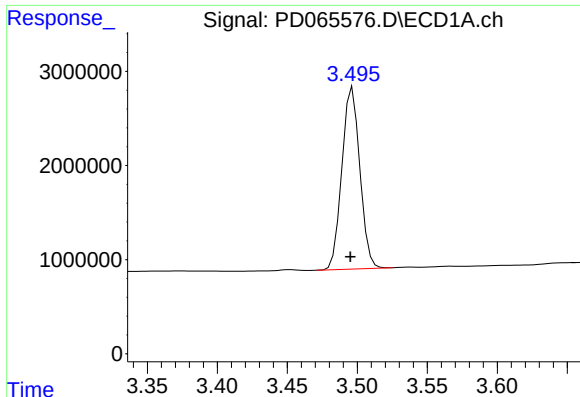
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 14:43:53 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Thu Sep 09 14:43:30 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





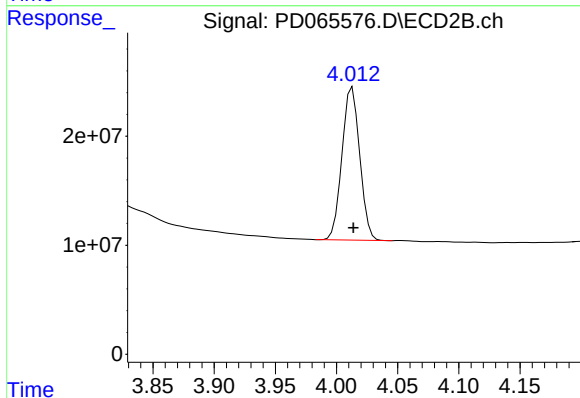
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.002 min
Response: 17273282
Conc: 17.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

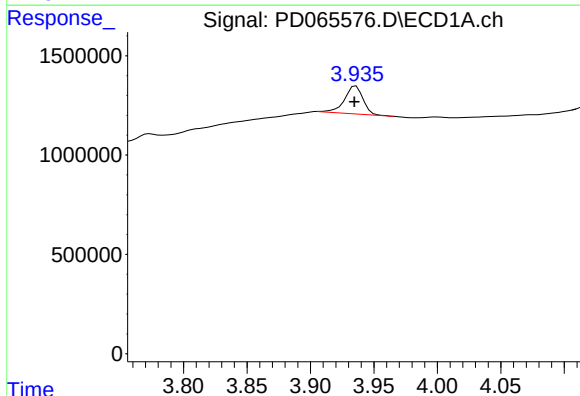
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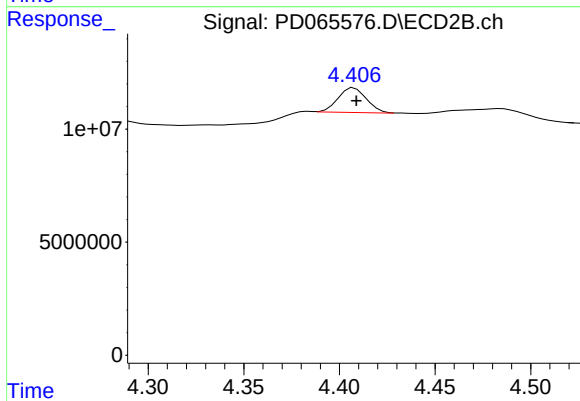
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 141401704
Conc: 19.29 ng/ml



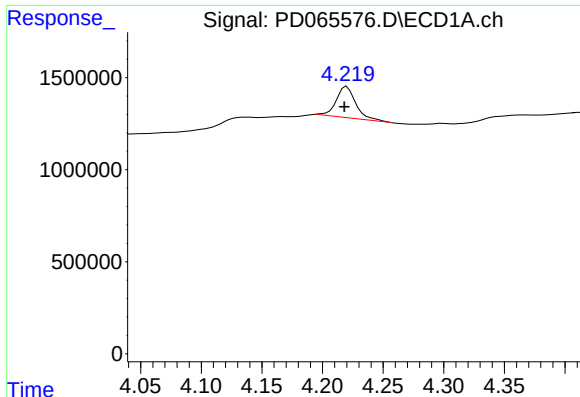
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.001 min
Response: 1401257
Conc: 0.97 ng/ml



#2 alpha-BHC

R.T.: 4.406 min
Delta R.T.: -0.002 min
Response: 11235294
Conc: 1.06 ng/ml m



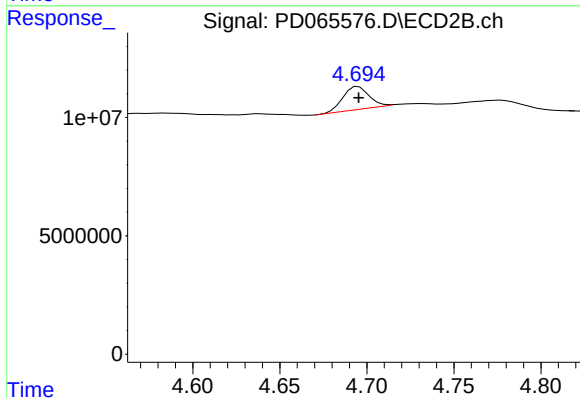
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 1847802
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
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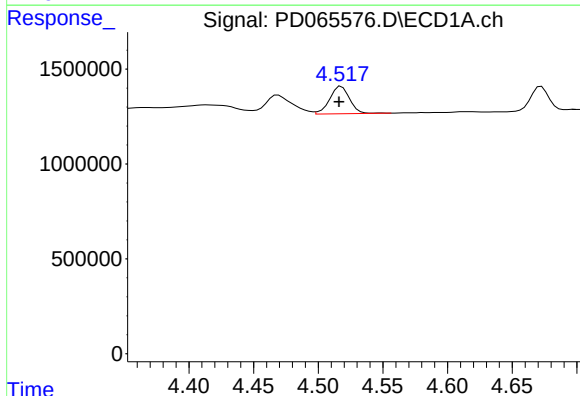
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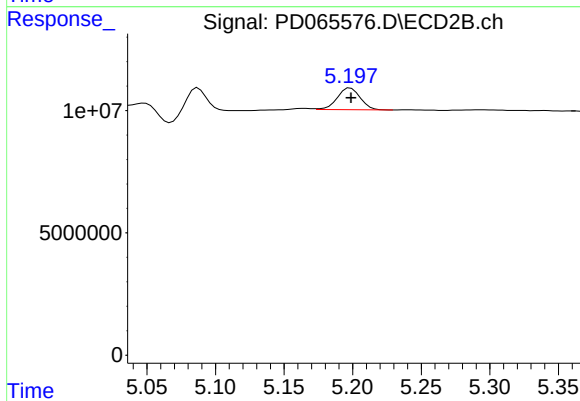
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: -0.002 min
Response: 10315643
Conc: 1.05 ng/ml m



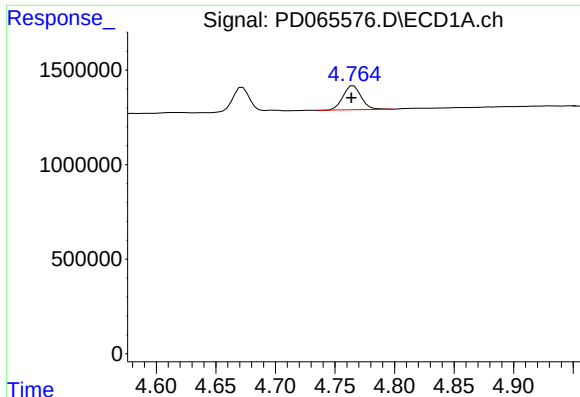
#4 Heptachlor

R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 1558867
Conc: 1.03 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 10426312
Conc: 1.15 ng/ml



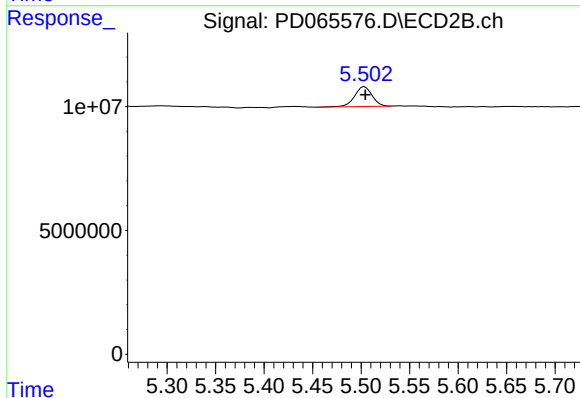
#5 Aldrin

R.T.: 4.766 min
Delta R.T.: 0.002 min
Response: 1334843
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

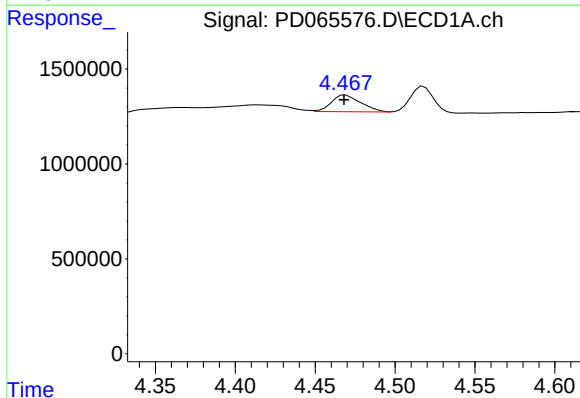
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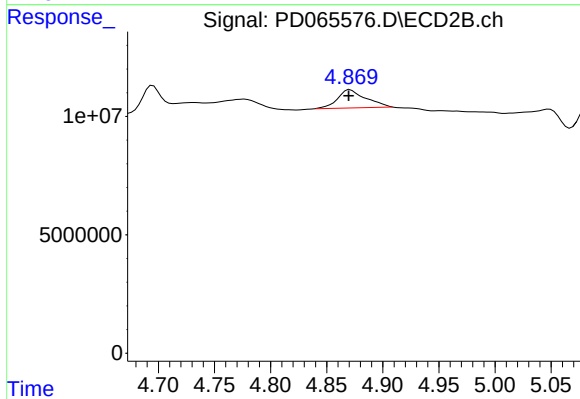
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 10094577
Conc: 1.20 ng/ml



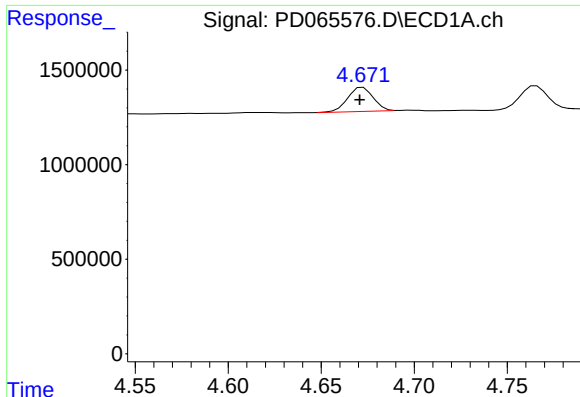
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 1115450
Conc: 1.30 ng/ml m



#6 beta-BHC

R.T.: 4.871 min
Delta R.T.: 0.001 min
Response: 13479990
Conc: 2.90 ng/ml



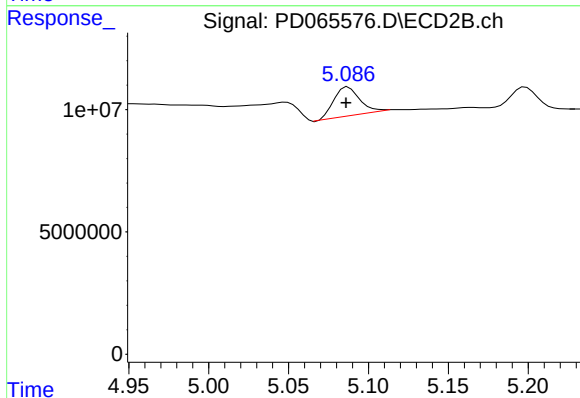
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 1232316
Conc: 0.83 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

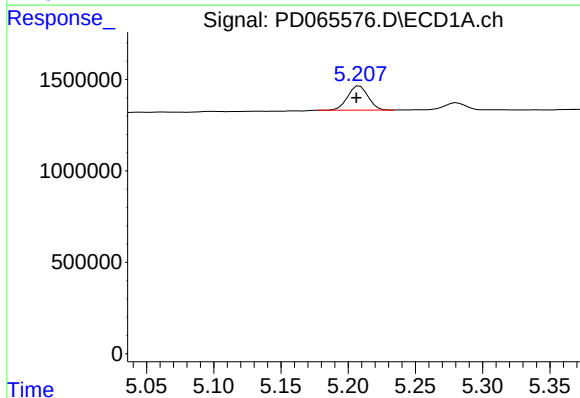
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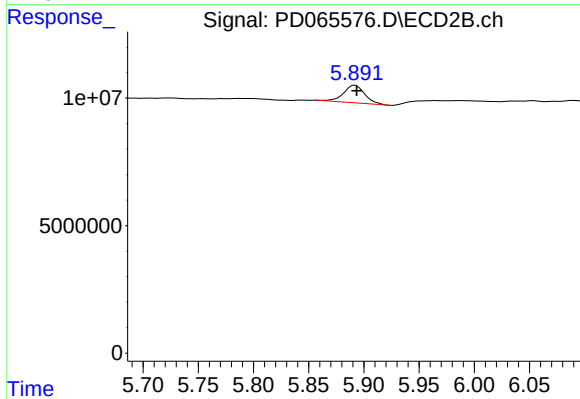
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.001 min
Response: 13102809
Conc: 1.41 ng/ml



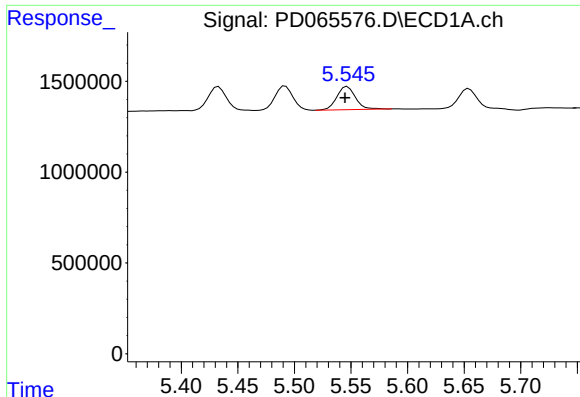
#8 Heptachlor epoxide

R.T.: 5.209 min
Delta R.T.: 0.002 min
Response: 1393988
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: -0.001 min
Response: 9346103
Conc: 1.30 ng/ml



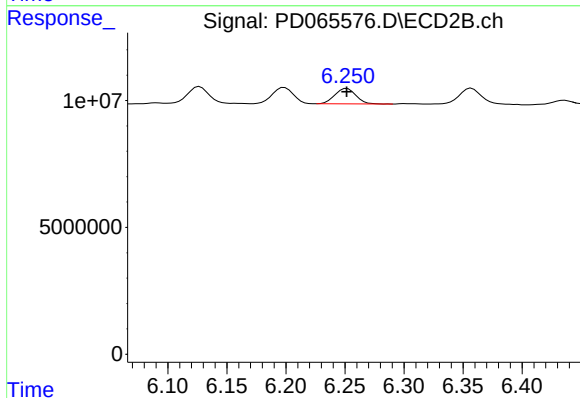
#9 Endosulfan I

R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 1468985
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

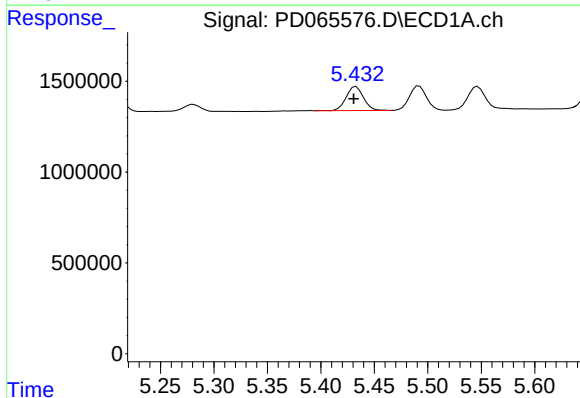
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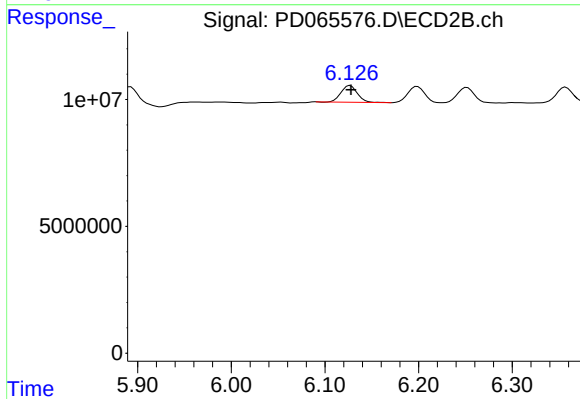
#9 Endosulfan I

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 7464607
Conc: 1.06 ng/ml



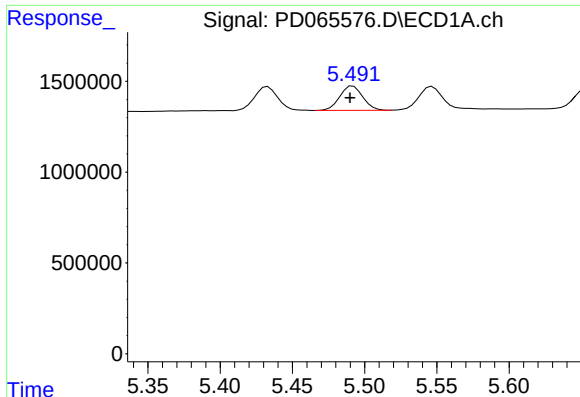
#10 gamma-Chlordane

R.T.: 5.433 min
Delta R.T.: 0.002 min
Response: 1484306
Conc: 0.97 ng/ml



#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 7940168
Conc: 1.06 ng/ml



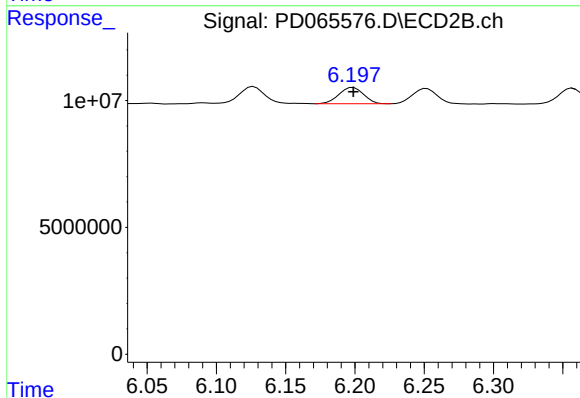
#11 alpha-Chlordane

R.T.: 5.492 min
Delta R.T.: 0.002 min
Response: 1482550
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

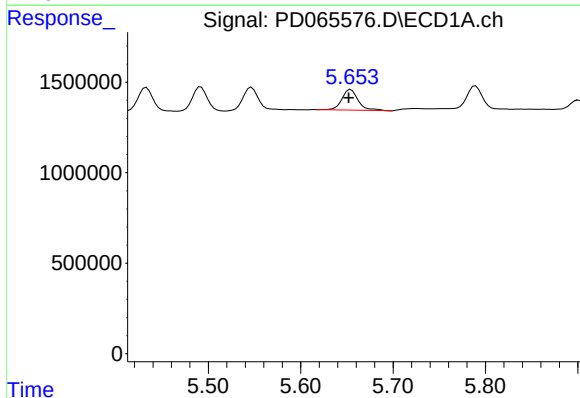
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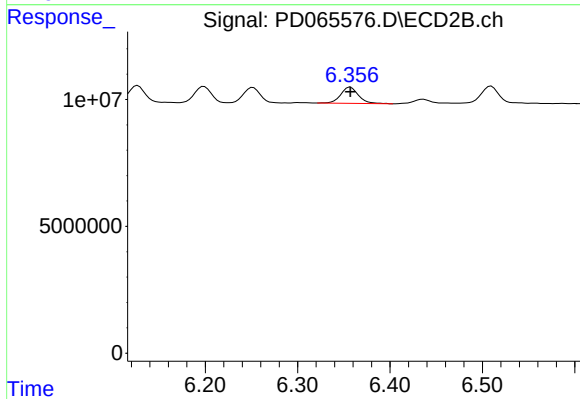
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 7988585
Conc: 1.08 ng/ml



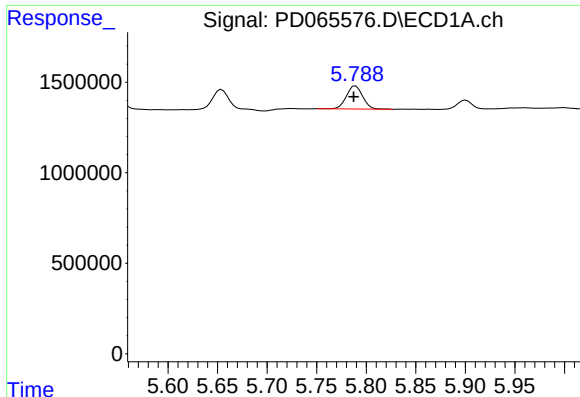
#12 4,4'-DDE

R.T.: 5.654 min
Delta R.T.: 0.002 min
Response: 1386749
Conc: 0.97 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 8494623
Conc: 1.18 ng/ml



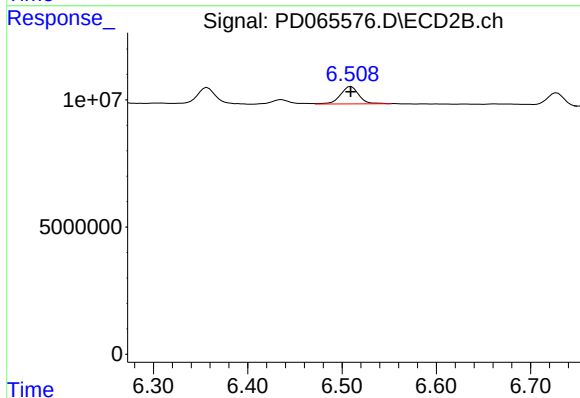
#13 Dieldrin

R.T.: 5.789 min
Delta R.T.: 0.002 min
Response: 1451079
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

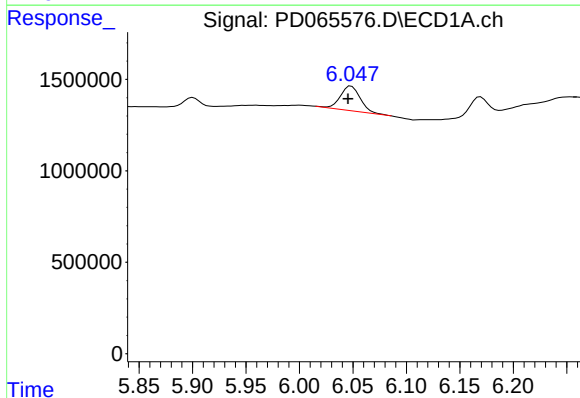
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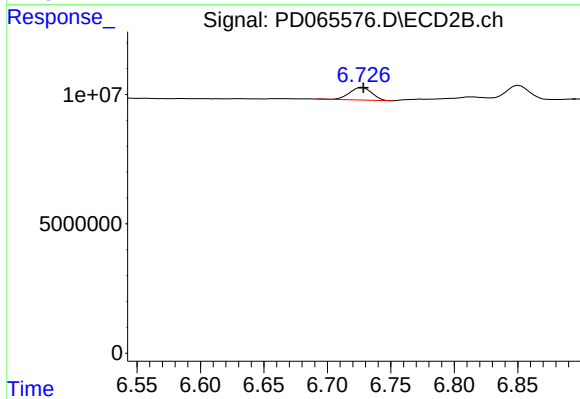
#13 Dieldrin

R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 9132047
Conc: 1.21 ng/ml



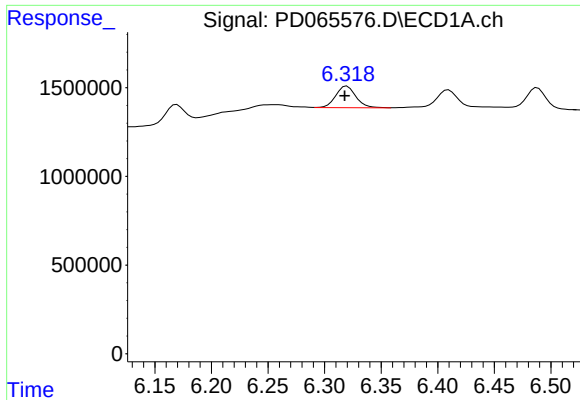
#14 Endrin

R.T.: 6.048 min
Delta R.T.: 0.003 min
Response: 1709450
Conc: 1.24 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 5970286
Conc: 1.00 ng/ml



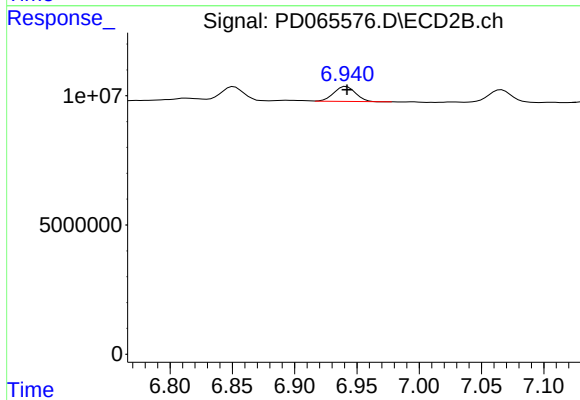
#15 Endosulfan II

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 1512790
Conc: 1.05 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

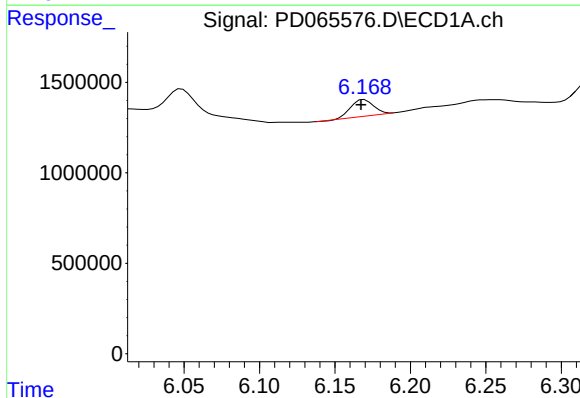
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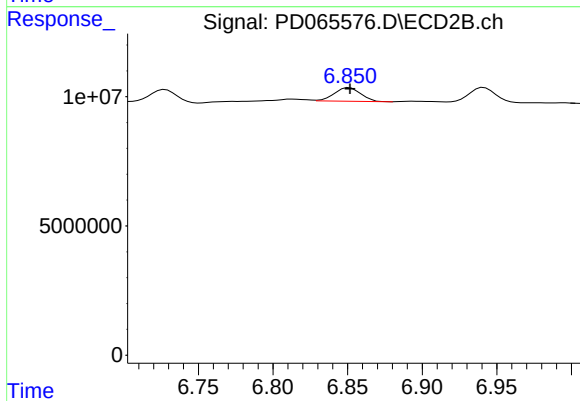
#15 Endosulfan II

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 6956008
Conc: 1.09 ng/ml



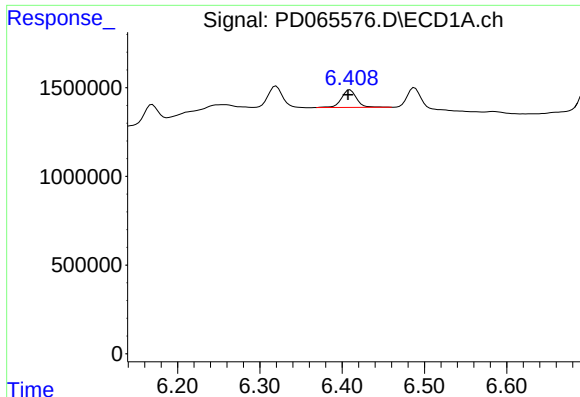
#16 4,4'-DDD

R.T.: 6.170 min
Delta R.T.: 0.002 min
Response: 960128
Conc: 0.75 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 6456893
Conc: 1.03 ng/ml



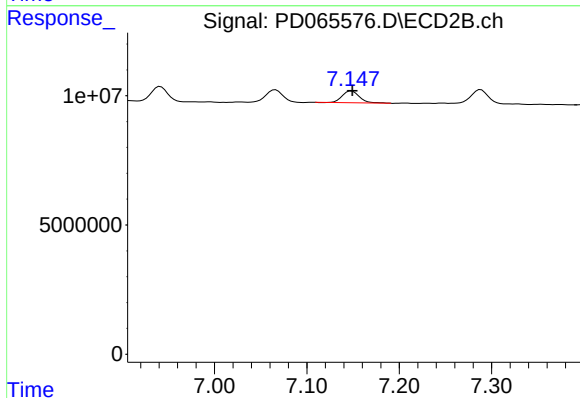
#17 4,4'-DDT

R.T.: 6.410 min
Delta R.T.: 0.002 min
Response: 1266303
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

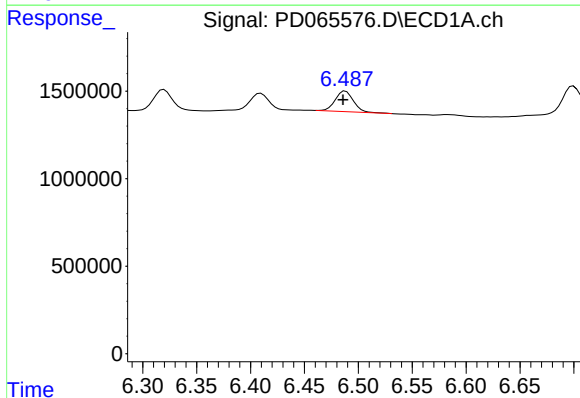
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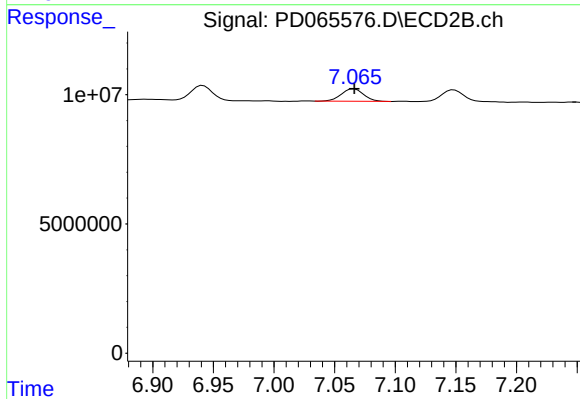
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 5890680
Conc: 0.97 ng/ml



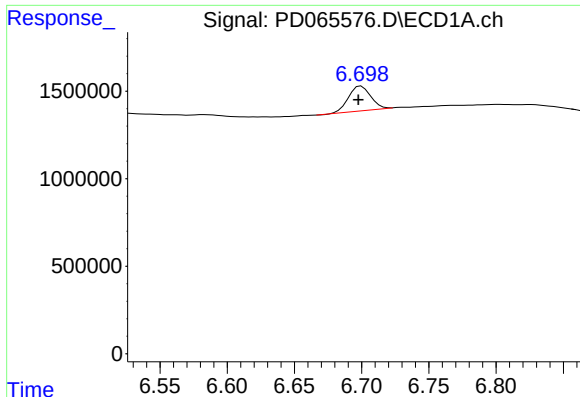
#18 Endrin aldehyde

R.T.: 6.488 min
Delta R.T.: 0.002 min
Response: 1363745
Conc: 1.08 ng/ml



#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 6150732
Conc: 1.13 ng/ml



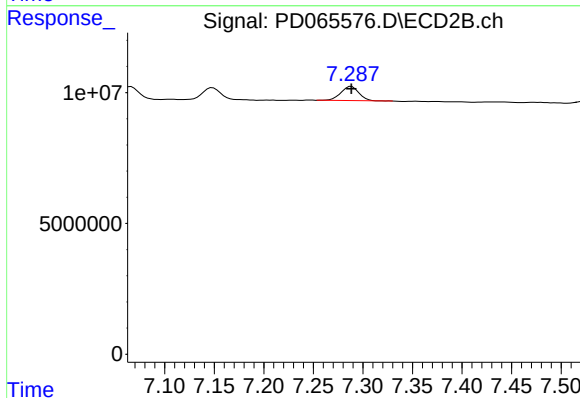
#19 Endosulfan Sulfate

R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 1608174
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

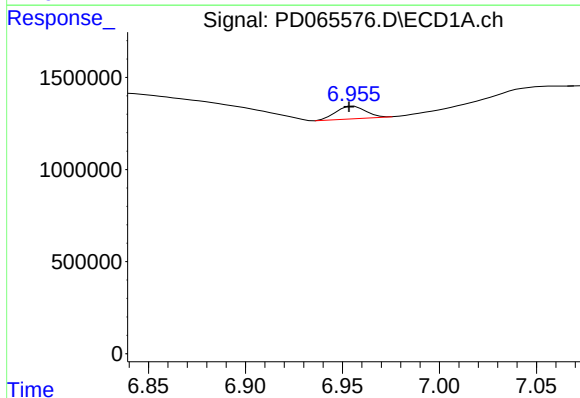
Manual Integrations
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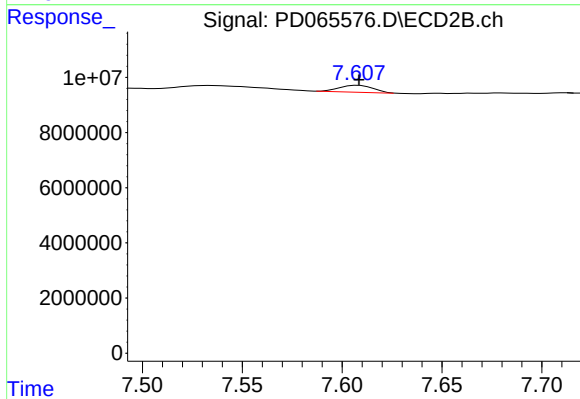
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 6799332
Conc: 1.06 ng/ml



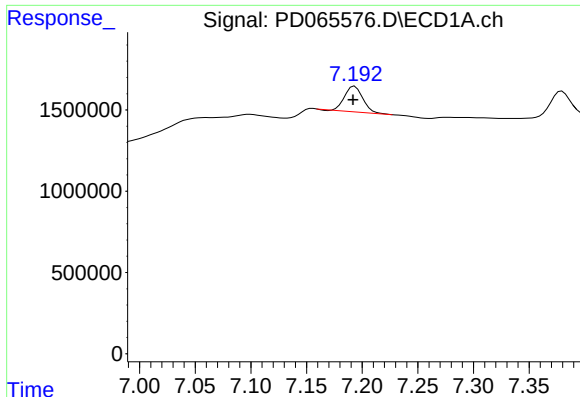
#20 Methoxychlor

R.T.: 6.956 min
Delta R.T.: 0.002 min
Response: 723768
Conc: 0.86 ng/ml



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: -0.001 min
Response: 2944941
Conc: 0.90 ng/ml m



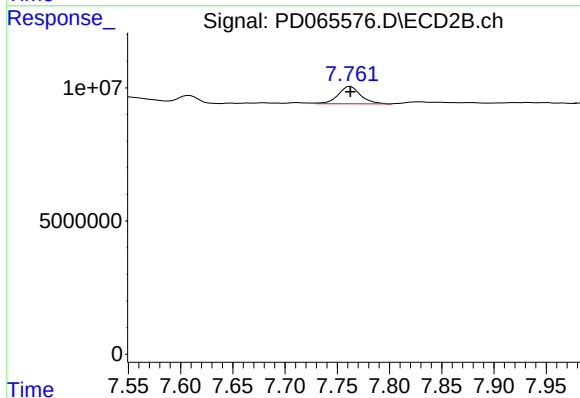
#21 Endrin ketone

R.T.: 7.193 min
Delta R.T.: 0.002 min
Response: 1765071
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
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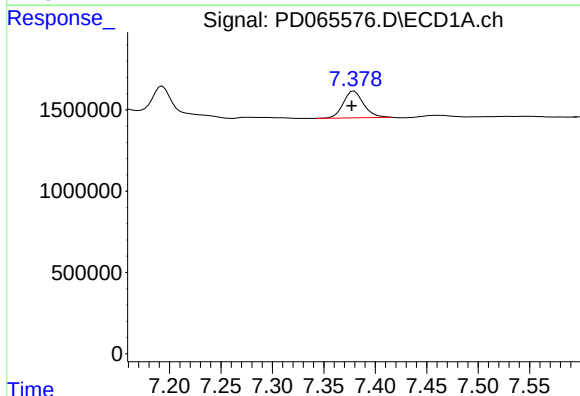
Manual Integrations
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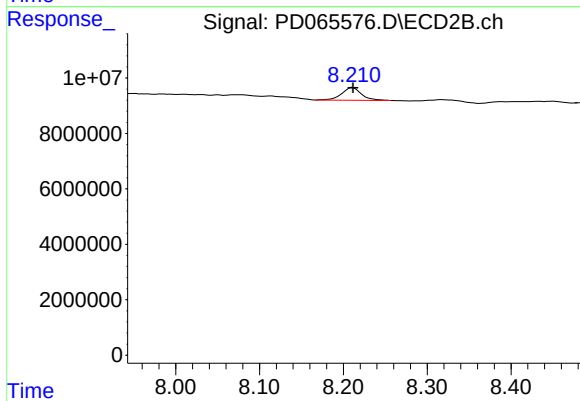
#21 Endrin ketone

R.T.: 7.763 min
Delta R.T.: 0.000 min
Response: 9570990
Conc: 1.27 ng/ml



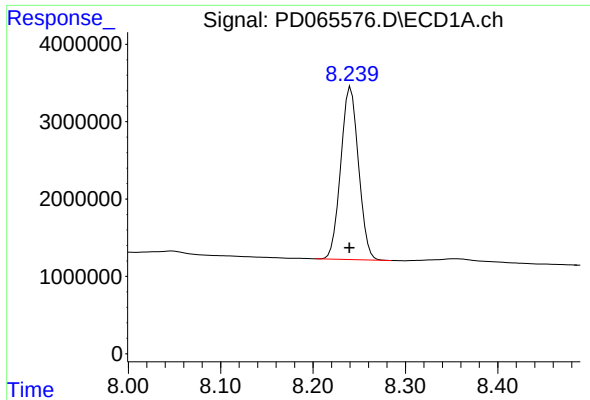
#22 Mirex

R.T.: 7.380 min
Delta R.T.: 0.002 min
Response: 2283179
Conc: 1.46 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 7456161
Conc: 1.41 ng/ml



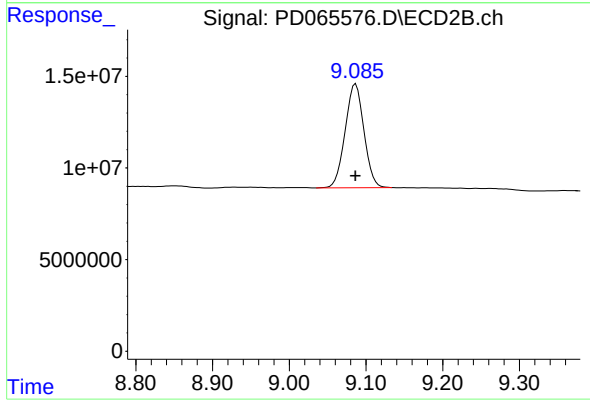
#28 Decachlorobiphenyl

R.T.: 8.241 min
Delta R.T.: 0.001 min
Response: 29813726
Conc: 17.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

mohammad
9/8/2021 2:41:41 PM



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 96998466
Conc: 18.18 ng/ml