

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111724\
 Data File : PD086767.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2024 10:53
 Operator : AR\AJ
 Sample : P4368-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :Ankita Jodhani 11/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 01:38:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 11:38:14 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...	3.558	2.885	25846558	184.9E6	17.694	18.696
28)	SA Decachlor...	9.093	8.092	38530742	206.0E6	20.098	19.228
Target Compounds							
2)	A alpha-BHC	4.007	3.400	2460131	18115830	0.859	1.194 #
3)	MA gamma-BHC...	4.339	3.737	2599946	16857336	0.907	1.153 #
4)	MA Heptachlor	4.939	4.093	2724087	16857575	0.996	1.197
5)	MB Aldrin	5.282	4.380	2797570	17215287	1.018	1.181
6)	B beta-BHC	4.523	4.033	1276813	8438161	1.117	1.323
7)	B delta-BHC	4.772	4.270	2977156	17345472	1.007	1.167
8)	B Heptachlo...	5.702	4.883	2590111	15773033	1.052	1.197m
9)	A Endosulfan I	6.086	5.258	2519115	15989437	1.097	1.287m
10)	B gamma-Chl...	5.957	5.138	2374375	16634374	0.986	1.222
11)	B alpha-Chl...	6.037	5.203	2645686	17663548	1.093m	1.320
12)	B 4,4'-DDE	6.207	5.389	2264993	15387223	1.013	1.176
13)	MA Dieldrin	6.359	5.526	2629119	15643614	1.056	1.147
14)	MA Endrin	6.585	5.801	2035325	15217267	0.944m	1.240m#
15)	B Endosulfa...	6.798	6.094	2105520	15916744	0.974	1.326 #
16)	A 4,4'-DDD	6.715	5.942	1989068	14718561	1.101m	1.337m
17)	MA 4,4'-DDT	7.032	6.198	1658691	11297141	0.906m	0.974
18)	B Endrin al...	6.927	6.272	2022831	12509753	1.223	1.334
19)	B Endosulfa...	7.160	6.496	2218388	15451461	1.104	1.335
20)	A Methoxychlor	7.506	6.771	1130120	5871842	1.045	0.929
21)	B Endrin ke...	7.641	7.006	2665573	16190654	1.175m	1.273
22)	Mirex	8.128	7.202	2127408	14054954	1.285	1.353

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111724\
Data File : PD086767.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2024 10:53
Operator : AR\AJ
Sample : P4368-03
Misc : PEST MDL 1 PPB
ALS Vial : 9 Sample Multiplier: 1

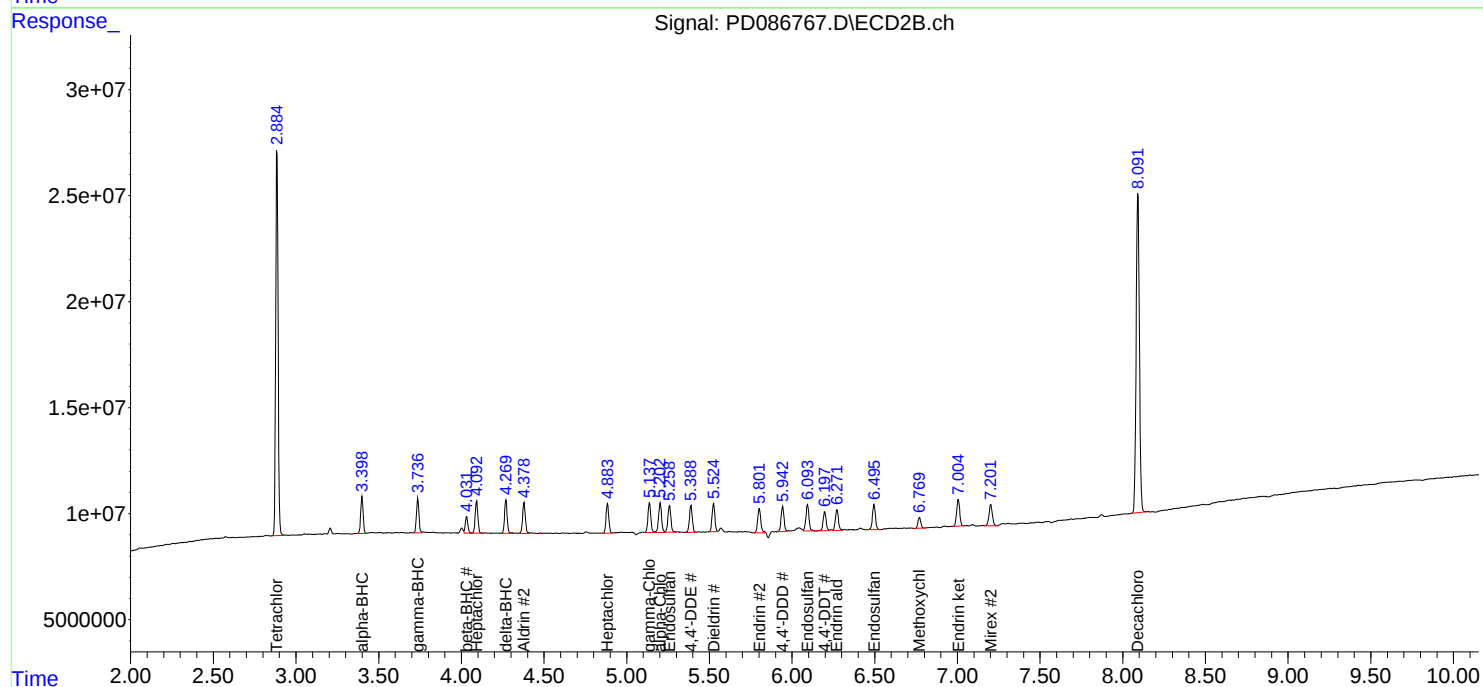
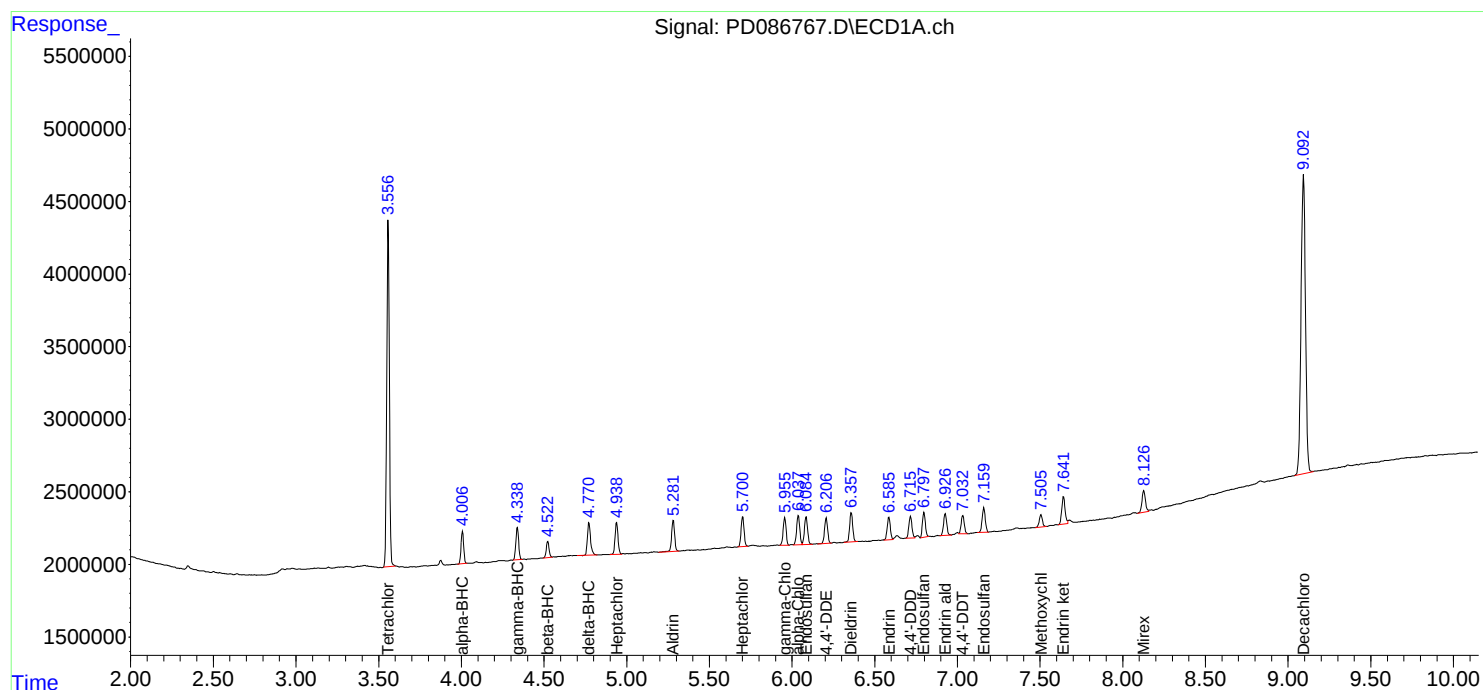
Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

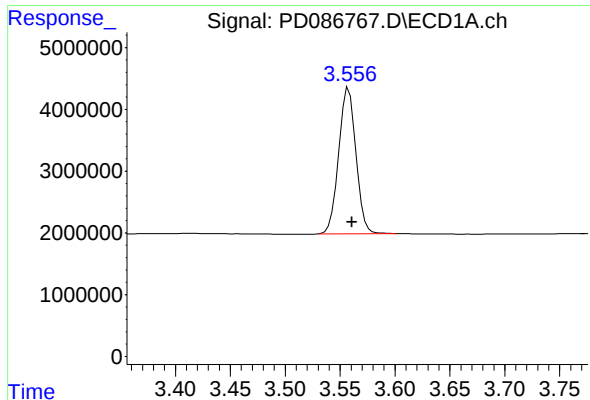
Manual Integrations
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Supervised By :Ankita Jodhani 11/18/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 16 01:38:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 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





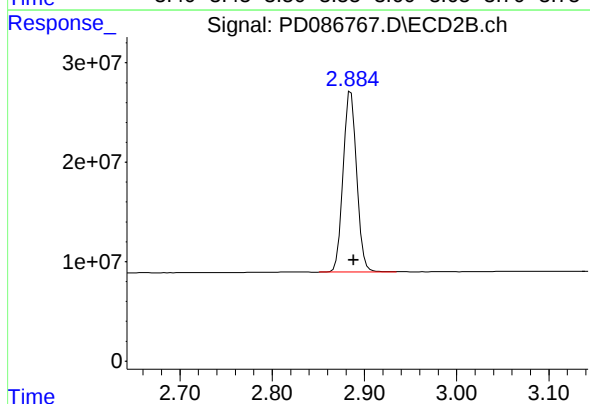
#1 Tetrachloro-m-xylene

R.T.: 3.558 min
Delta R.T.: -0.003 min
Response: 25846558
Conc: 17.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

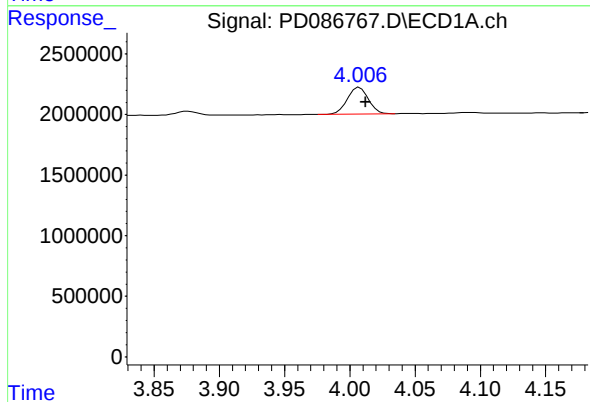
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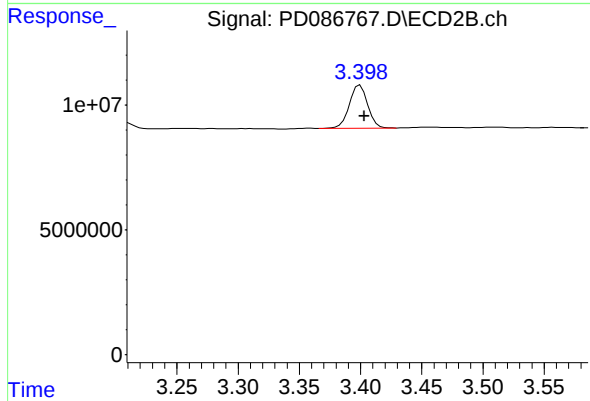
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: -0.003 min
Response: 184889959
Conc: 18.70 ng/ml



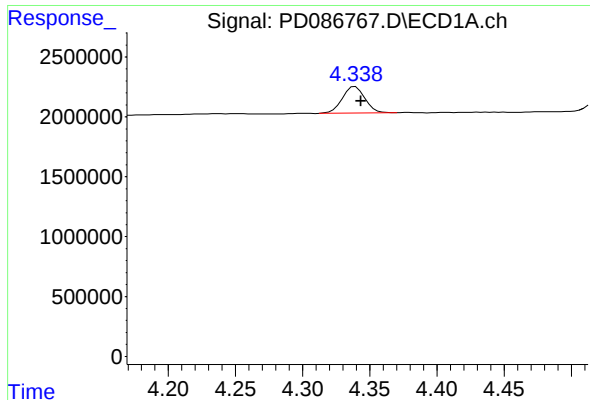
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: -0.005 min
Response: 2460131
Conc: 0.86 ng/ml



#2 alpha-BHC

R.T.: 3.400 min
Delta R.T.: -0.003 min
Response: 18115830
Conc: 1.19 ng/ml



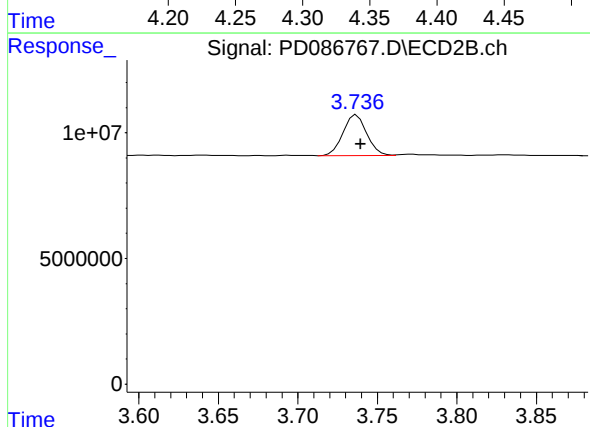
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: -0.004 min
Response: 2599946
Conc: 0.91 ng/ml

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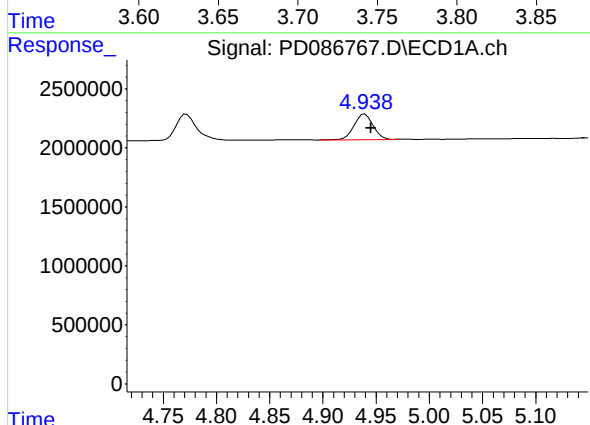
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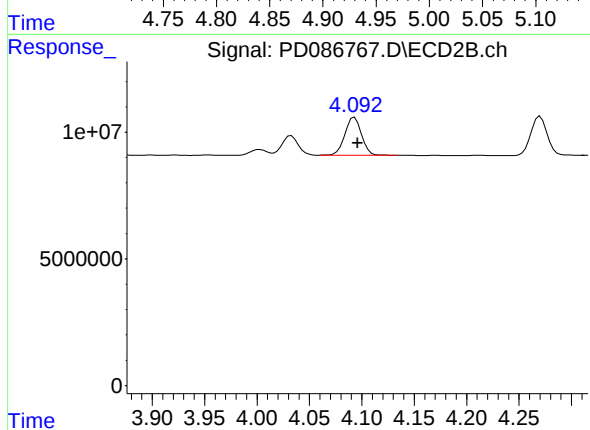
#3 gamma-BHC (Lindane)

R.T.: 3.737 min
Delta R.T.: -0.003 min
Response: 16857336
Conc: 1.15 ng/ml



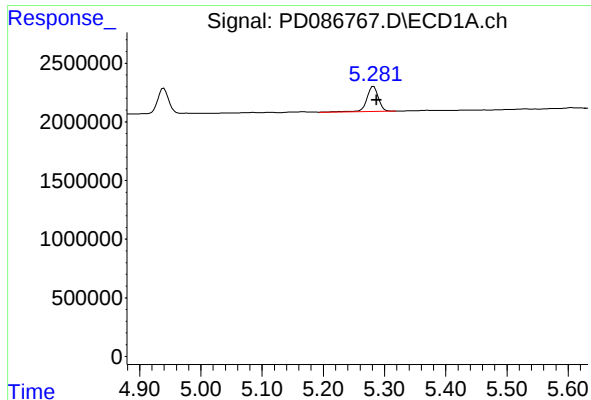
#4 Heptachlor

R.T.: 4.939 min
Delta R.T.: -0.006 min
Response: 2724087
Conc: 1.00 ng/ml



#4 Heptachlor

R.T.: 4.093 min
Delta R.T.: -0.003 min
Response: 16857575
Conc: 1.20 ng/ml



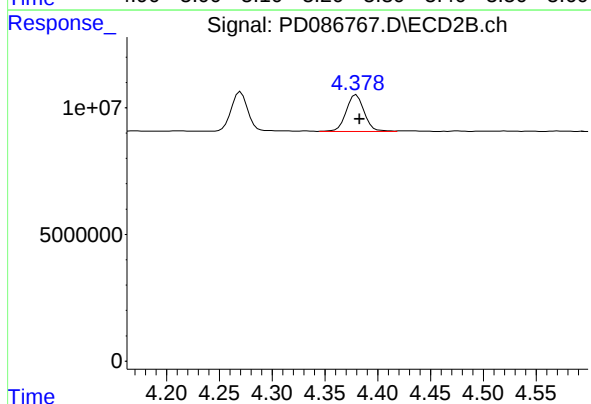
#5 Aldrin

R.T.: 5.282 min
Delta R.T.: -0.005 min
Response: 2797570
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
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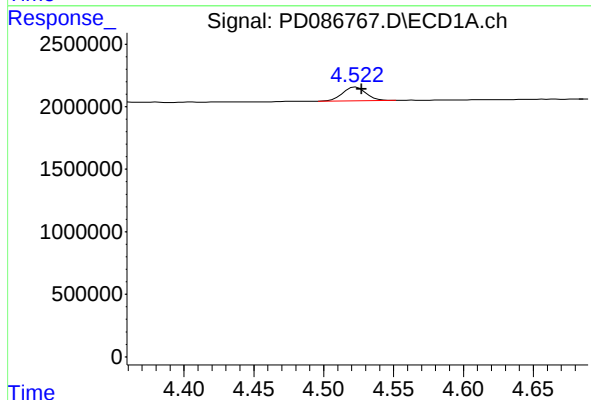
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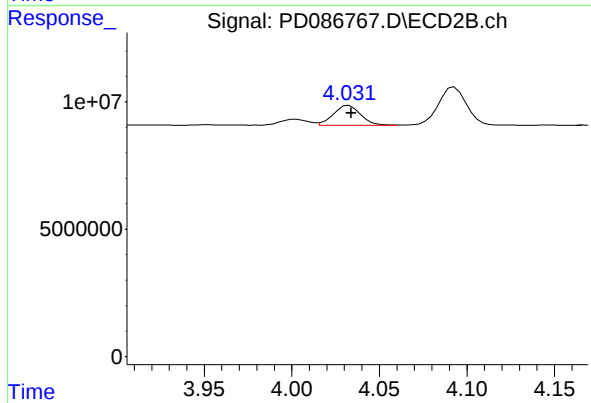
#5 Aldrin

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 17215287
Conc: 1.18 ng/ml



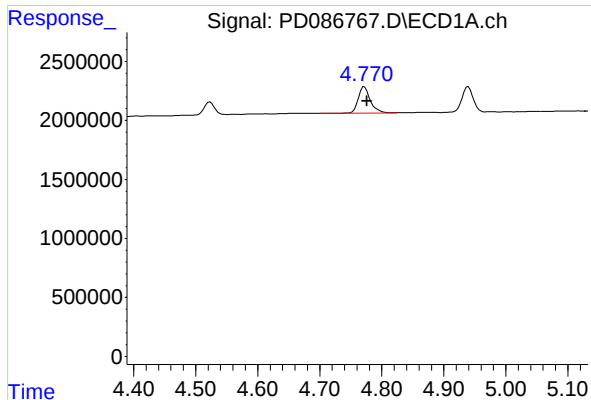
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 1276813
Conc: 1.12 ng/ml



#6 beta-BHC

R.T.: 4.033 min
Delta R.T.: -0.001 min
Response: 8438161
Conc: 1.32 ng/ml



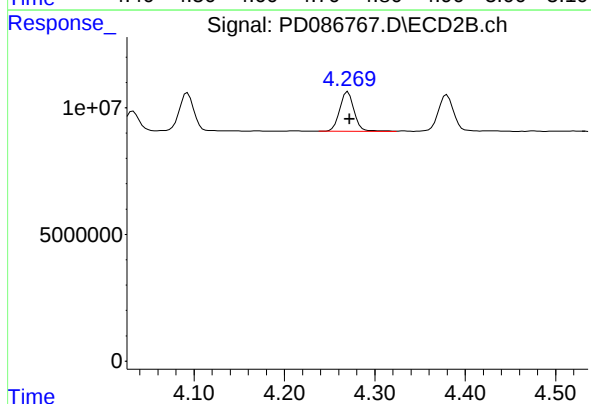
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.005 min
Response: 2977156
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

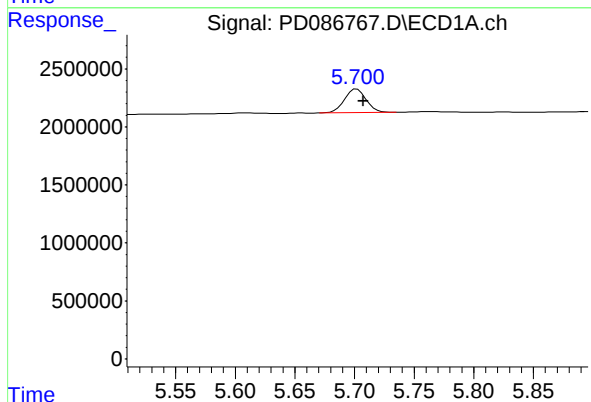
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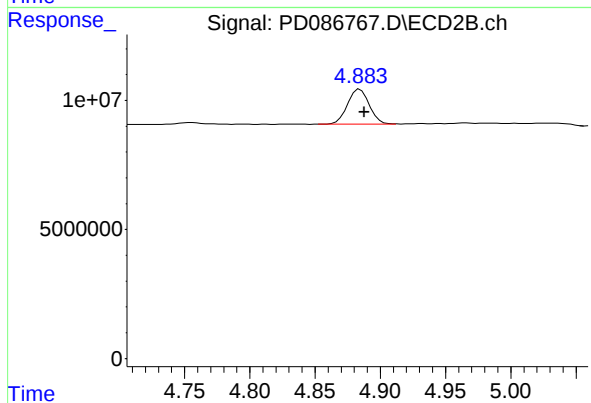
#7 delta-BHC

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 17345472
Conc: 1.17 ng/ml



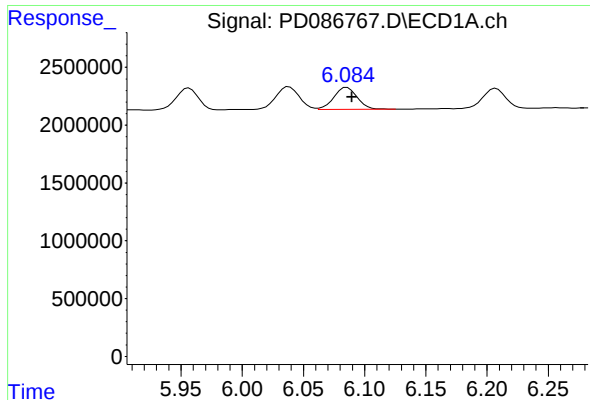
#8 Heptachlor epoxide

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 2590111
Conc: 1.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.883 min
Delta R.T.: -0.005 min
Response: 15773033
Conc: 1.20 ng/ml m



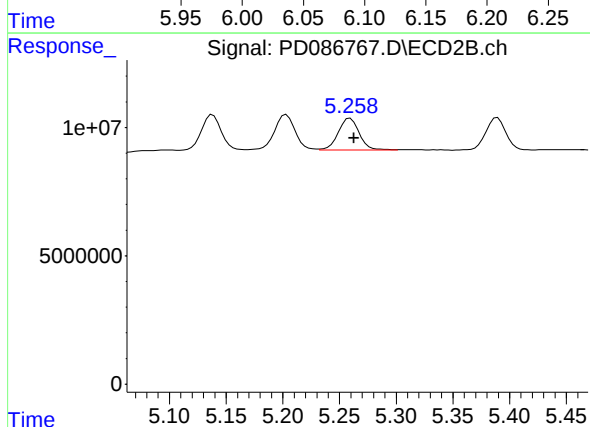
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: -0.004 min
Response: 2519115
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

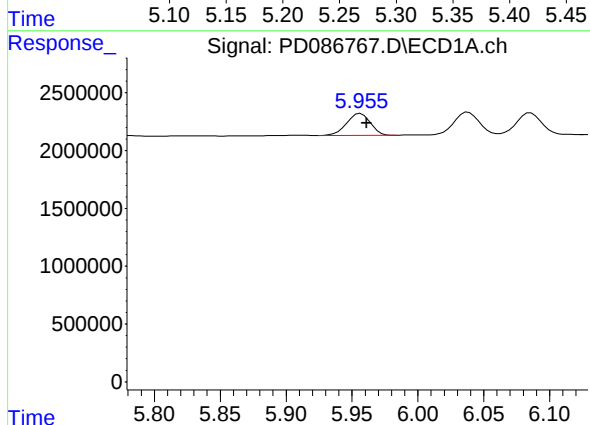
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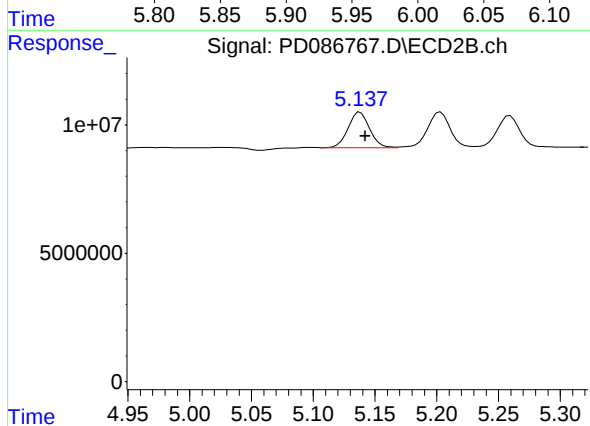
#9 Endosulfan I

R.T.: 5.258 min
Delta R.T.: -0.005 min
Response: 15989437
Conc: 1.29 ng/ml m



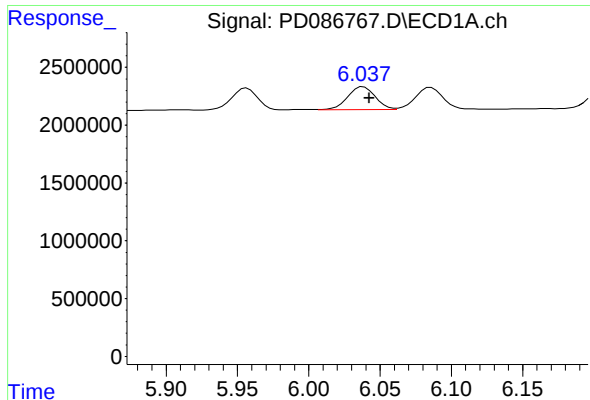
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 2374375
Conc: 0.99 ng/ml



#10 gamma-Chlordane

R.T.: 5.138 min
Delta R.T.: -0.004 min
Response: 16634374
Conc: 1.22 ng/ml



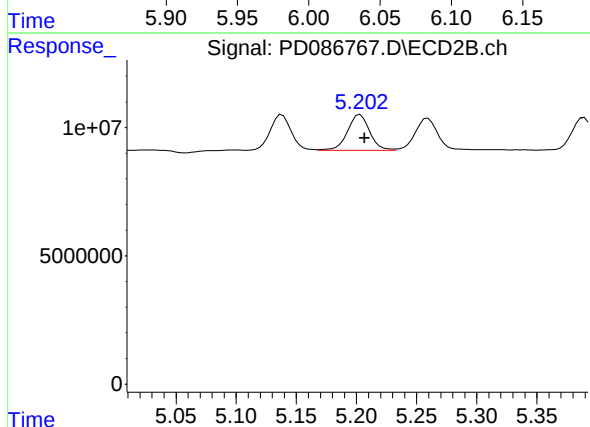
#11 alpha-Chlordane

R.T.: 6.037 min
Delta R.T.: -0.006 min
Response: 2645686
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
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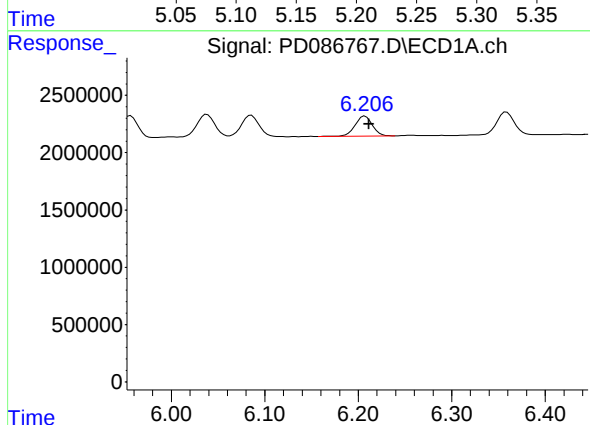
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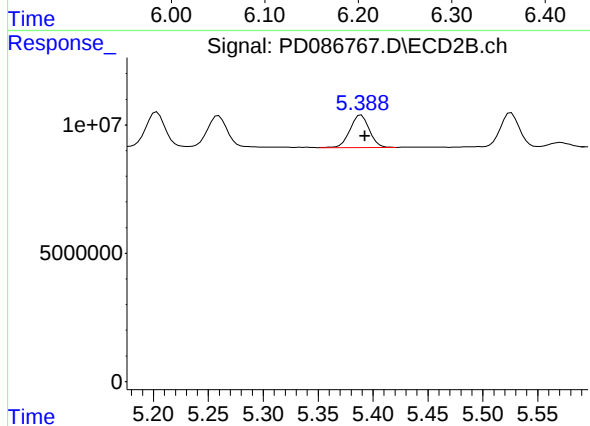
#11 alpha-Chlordane

R.T.: 5.203 min
Delta R.T.: -0.003 min
Response: 17663548
Conc: 1.32 ng/ml



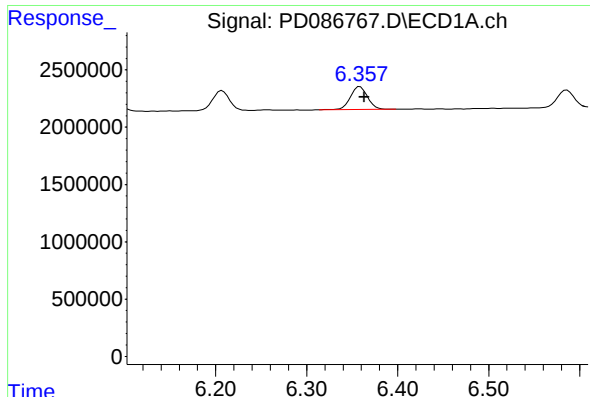
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 2264993
Conc: 1.01 ng/ml



#12 4,4'-DDE

R.T.: 5.389 min
Delta R.T.: -0.003 min
Response: 15387223
Conc: 1.18 ng/ml



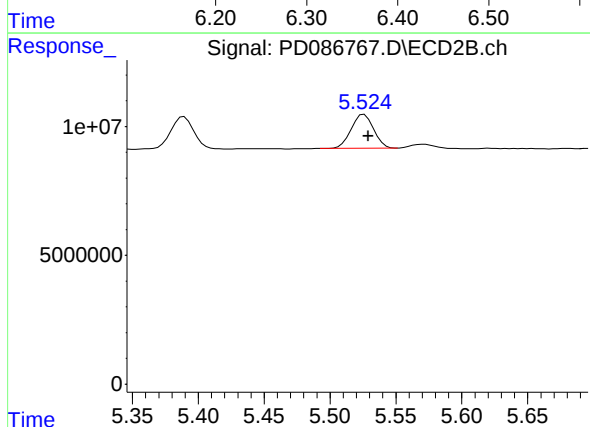
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: -0.005 min
Response: 2629119
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

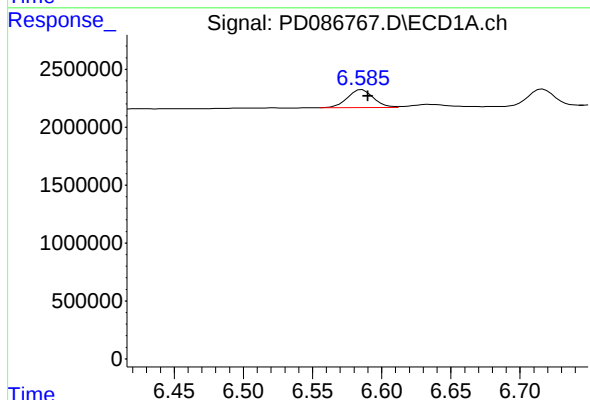
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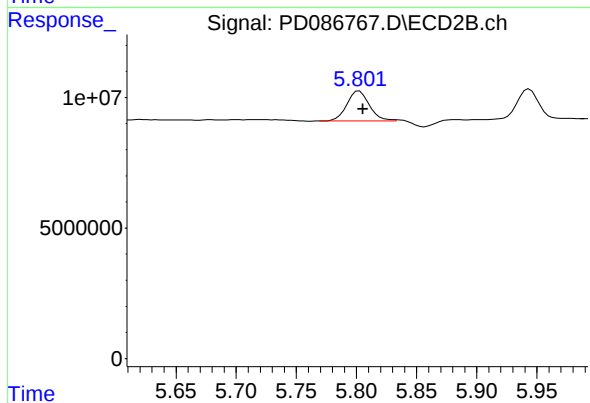
#13 Dieldrin

R.T.: 5.526 min
Delta R.T.: -0.003 min
Response: 15643614
Conc: 1.15 ng/ml



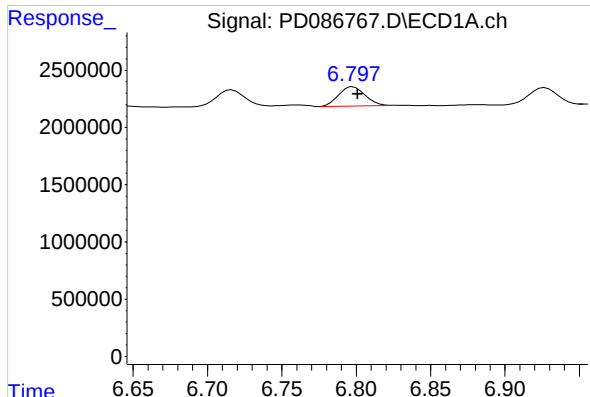
#14 Endrin

R.T.: 6.585 min
Delta R.T.: -0.006 min
Response: 2035325
Conc: 0.94 ng/ml m



#14 Endrin

R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 15217267
Conc: 1.24 ng/ml m



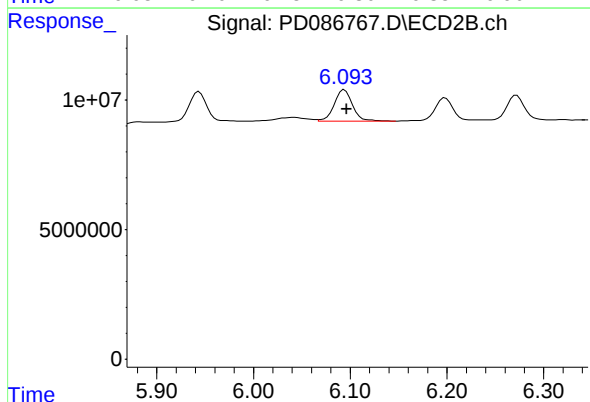
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: -0.003 min
Response: 2105520
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

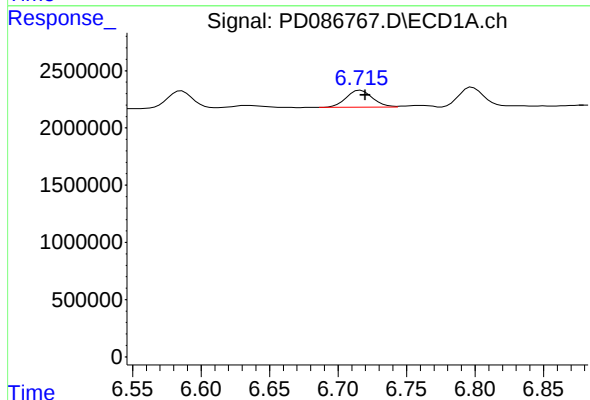
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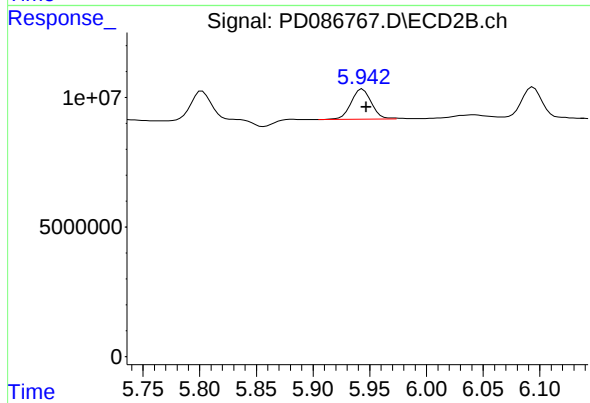
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 15916744
Conc: 1.33 ng/ml



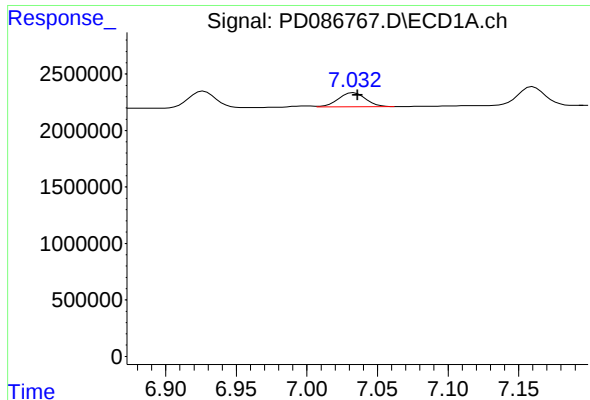
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.005 min
Response: 1989068
Conc: 1.10 ng/ml m



#16 4,4'-DDD

R.T.: 5.942 min
Delta R.T.: -0.005 min
Response: 14718561
Conc: 1.34 ng/ml m



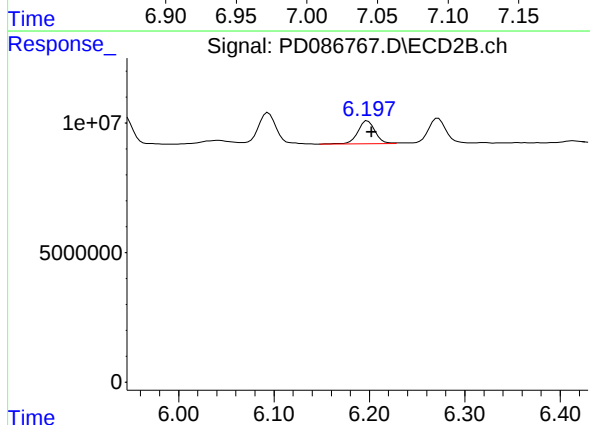
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: -0.004 min
Response: 1658691
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

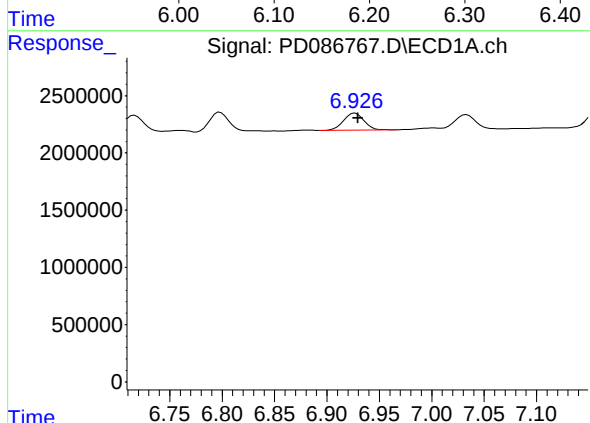
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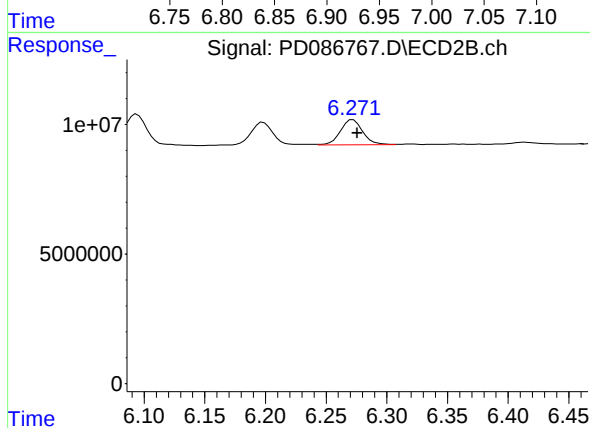
#17 4,4'-DDT

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 11297141
Conc: 0.97 ng/ml



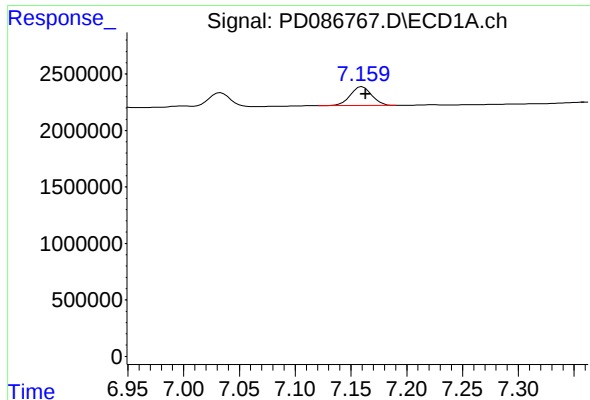
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 2022831
Conc: 1.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.272 min
Delta R.T.: -0.003 min
Response: 12509753
Conc: 1.33 ng/ml



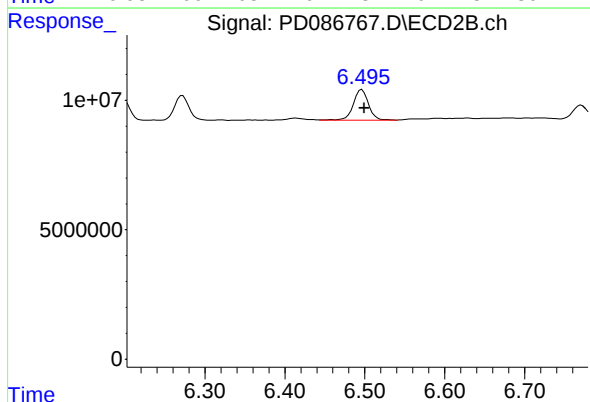
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 2218388
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

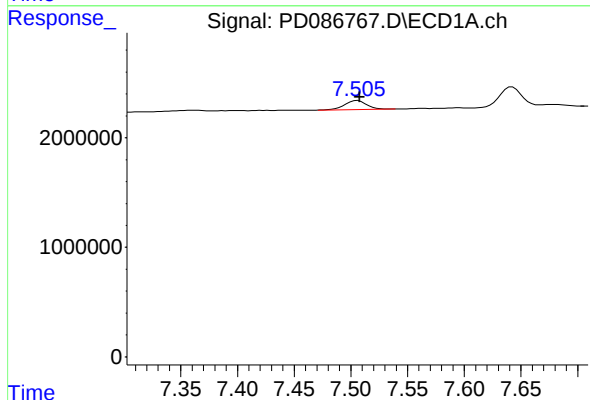
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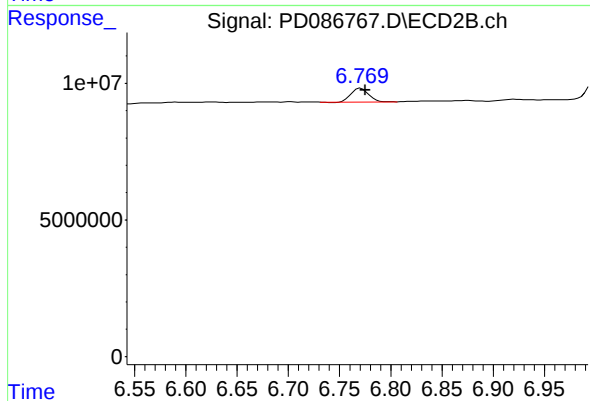
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 15451461
Conc: 1.33 ng/ml



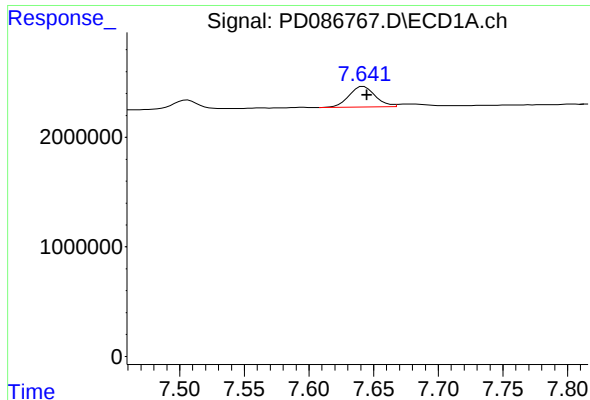
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: -0.002 min
Response: 1130120
Conc: 1.05 ng/ml



#20 Methoxychlor

R.T.: 6.771 min
Delta R.T.: -0.005 min
Response: 5871842
Conc: 0.93 ng/ml



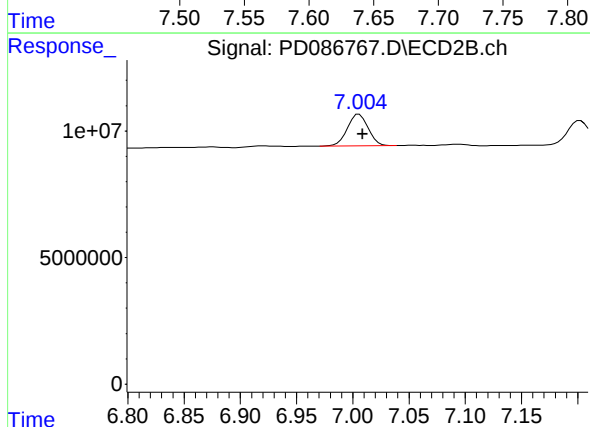
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 2665573
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

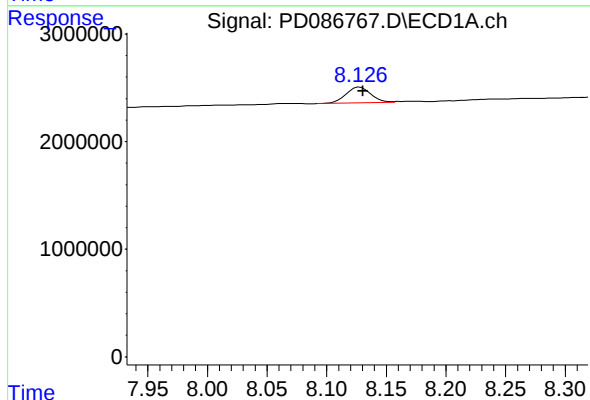
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :Ankita Jodhani 11/18/2024



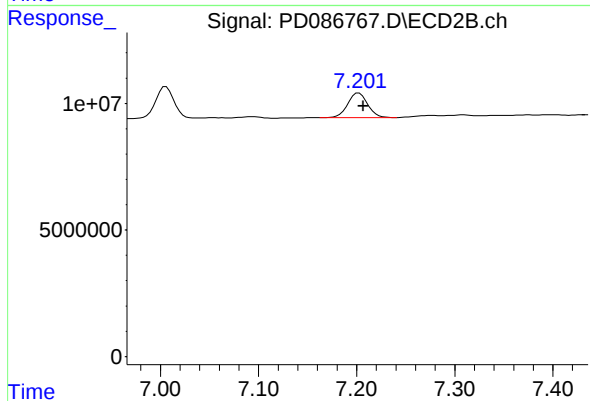
#21 Endrin ketone

R.T.: 7.006 min
Delta R.T.: -0.003 min
Response: 16190654
Conc: 1.27 ng/ml



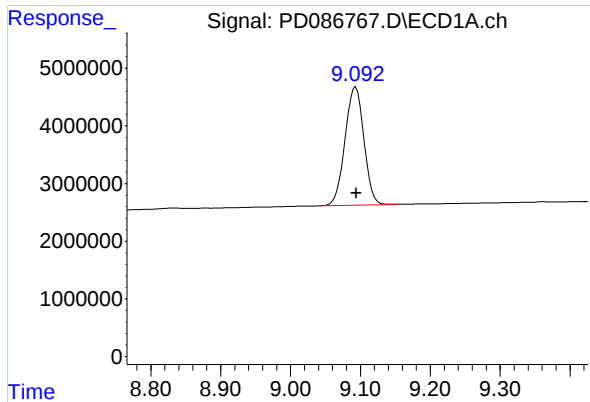
#22 Mirex

R.T.: 8.128 min
Delta R.T.: -0.002 min
Response: 2127408
Conc: 1.29 ng/ml



#22 Mirex

R.T.: 7.202 min
Delta R.T.: -0.004 min
Response: 14054954
Conc: 1.35 ng/ml



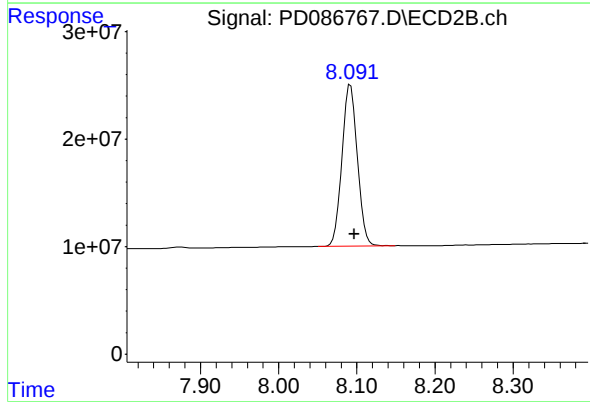
#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: 0.000 min
Response: 38530742
Conc: 20.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :Ankita Jodhani 11/18/2024



#28 Decachlorobiphenyl

R.T.: 8.092 min
Delta R.T.: -0.005 min
Response: 205965585
Conc: 19.23 ng/ml