

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111524\
 Data File : PD086698.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2024 12:42
 Operator : AR\AJ
 Sample : P4368-01
 Misc : TOX LOD 50 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :Ankita Jodhani 11/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 12:53:41 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...	3.557	2.885	25313565	171.5E6	17.329	17.338
28)	SA Decachlor...	9.088	8.089	36891241	194.8E6	19.243	18.188
Target Compounds							
2)	A alpha-BHC	0.000	3.392	0	1151512	N.D.	0.076 #
3)	MA gamma-BHC...	0.000	3.732	0	715050	N.D.	0.049 #
4)	MA Heptachlor	0.000	4.096	0	263933	N.D.	0.019 #
5)	MB Aldrin	5.319f	4.377	77840	369173	0.028	0.025
6)	B beta-BHC	0.000	4.049f	0	772027	N.D.	0.121 #
7)	B delta-BHC	4.787	4.266	1257278	183963	0.425	0.012 #
8)	B Heptachlo...	0.000	4.880	0	1735503	N.D.	0.132 #
9)	A Endosulfan I	6.057f	5.256	180479	109594	0.079	0.009 #
10)	B gamma-Chl...	0.000	5.129	0	211495	N.D.	0.016 #
11)	B alpha-Chl...	6.057	5.225f	180479	1055758	0.075	0.079
12)	B 4,4'-DDE	0.000	5.406	0	473534	N.D.	0.036 #
14)	MA Endrin	6.598	5.813	139424	4168718	0.065	0.340 #
15)	B Endosulfa...	0.000	6.094	0	3770321	N.D.	0.314 #
16)	A 4,4'-DDD	6.709	5.967f	503866	1433614	0.279	0.130 #
17)	MA 4,4'-DDT	0.000	6.208	0	3417614	N.D.	0.295 #
18)	B Endrin al...	6.938	6.284	120084	4911332	0.073	0.524 #
19)	B Endosulfa...	7.159	6.506	1964078	2580403	0.977	0.223 #
20)	A Methoxychlor	0.000	6.769	0	9386304	N.D.	1.485 #
22)	Mirex	0.000	7.211	0	7363421	N.D.	0.709 #
23)	Chlordane-1	0.000	3.909	0	751673	N.D.	1.616 #
24)	Chlordane-2	0.000	4.520	0	474387	N.D.	0.958 #
25)	Chlordane-3	0.000	5.129	0	211495	N.D.	0.142 #
26)	Chlordane-4	6.057	5.225	180479	1055758	0.393	0.840 #
27)	Chlordane-5	6.863f	5.878	166306	-224697	2.067	N.D. #

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

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Operator : AR\AJ
Sample : P4368-01
Misc : TOX LOD 50 PPB
ALS Vial : 13 Sample Multiplier: 1

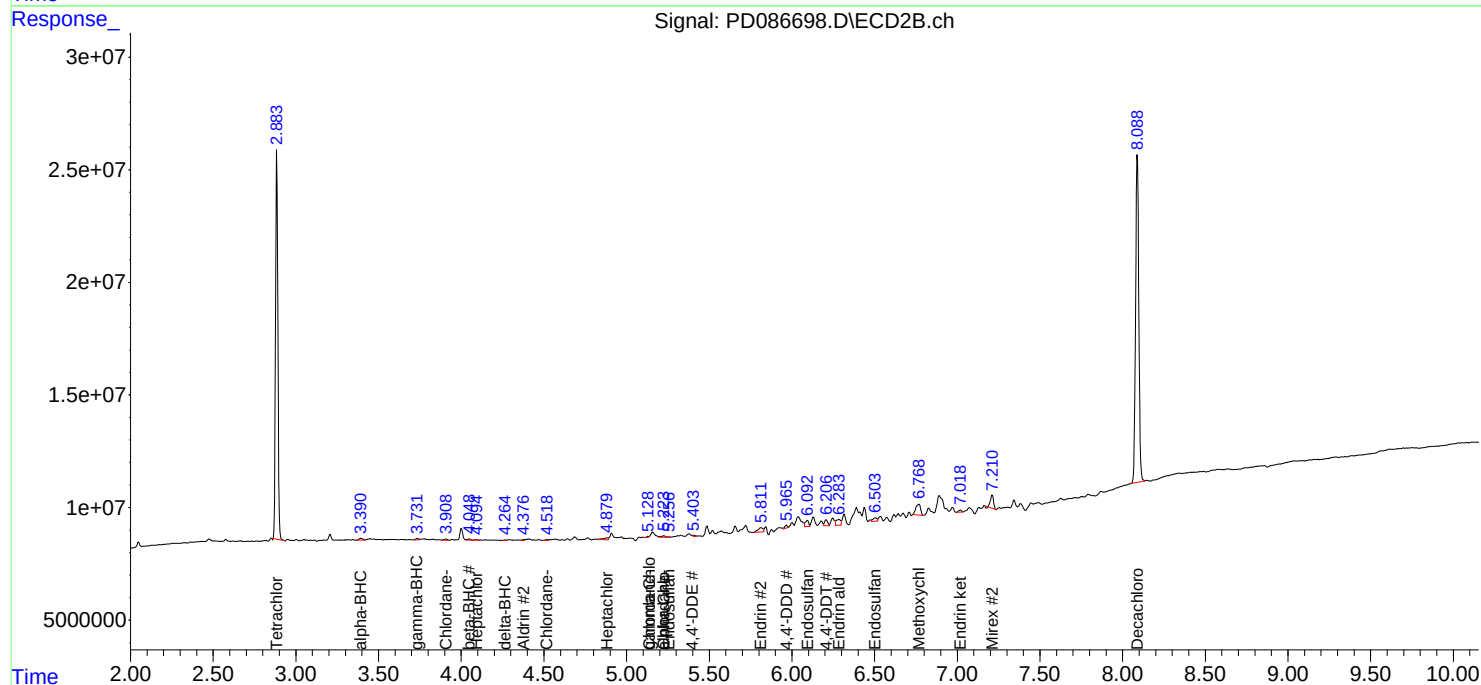
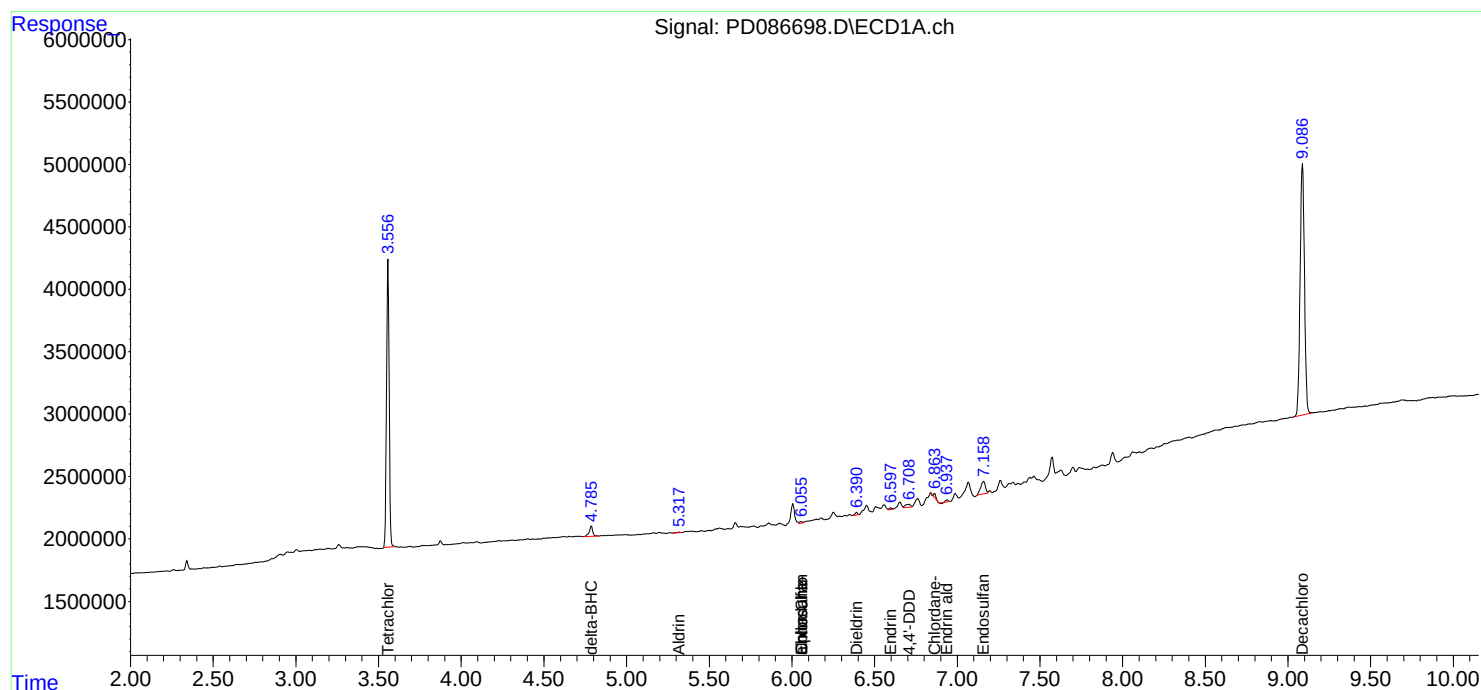
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

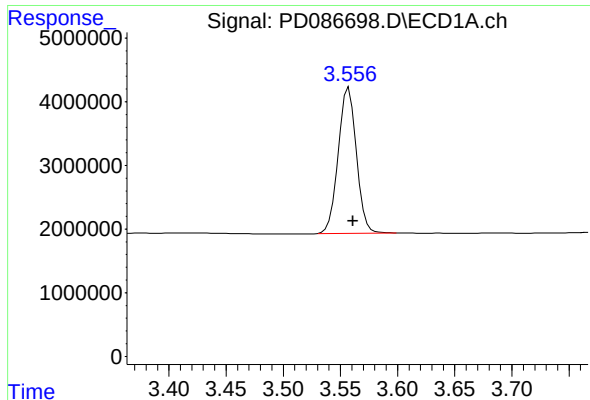
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 12:53:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
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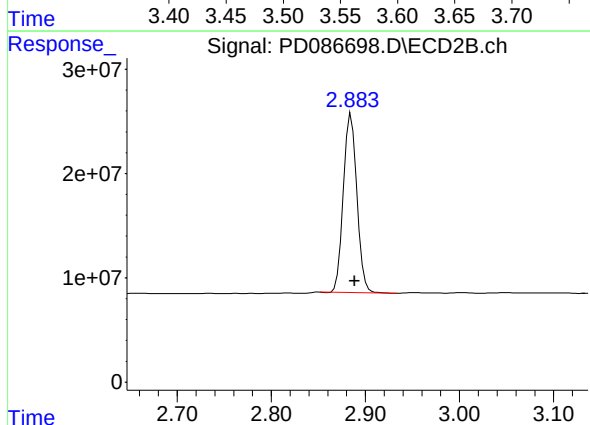
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: -0.004 min
Response: 25313565
Conc: 17.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
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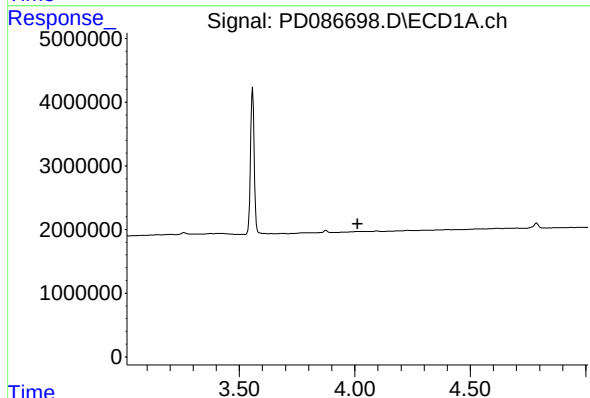
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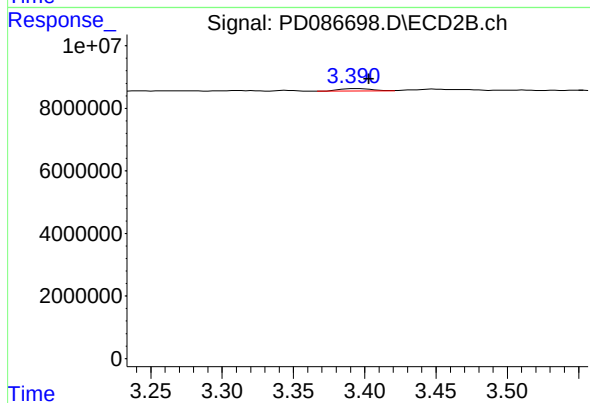
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: -0.004 min
Response: 171456006
Conc: 17.34 ng/ml



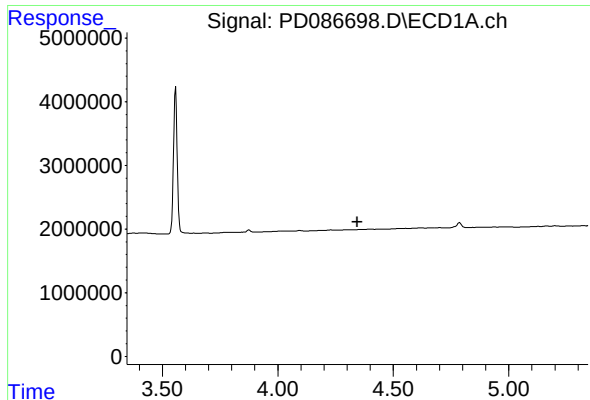
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.012 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.011 min
Response: 1151512
Conc: 0.08 ng/ml



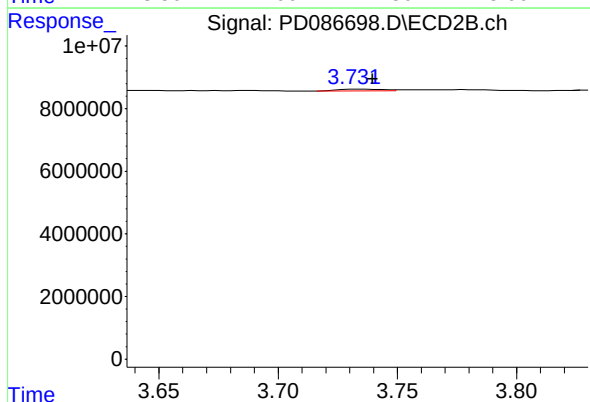
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

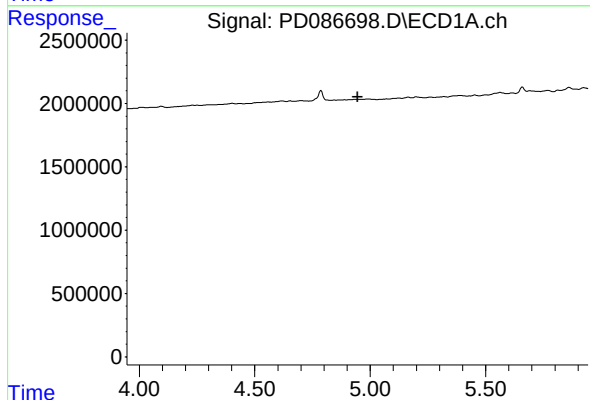
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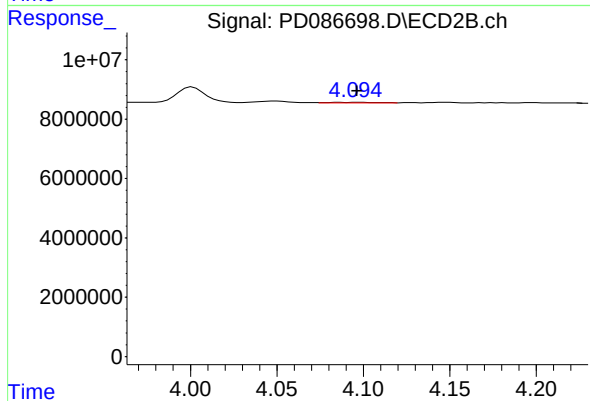
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.007 min
Response: 715050
Conc: 0.05 ng/ml



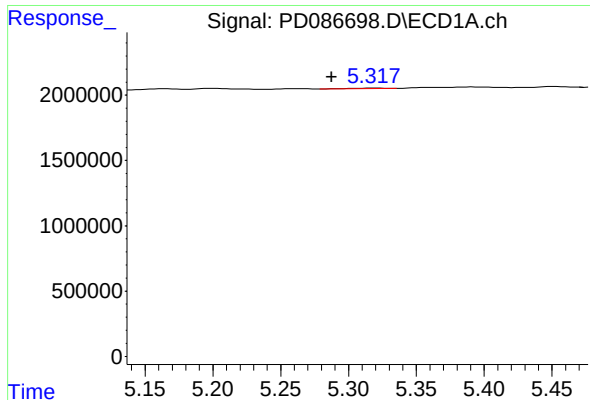
#4 Heptachlor

R.T.: 0.000 min
Exp R.T.: 4.945 min
Response: 0
Conc: N.D.



#4 Heptachlor

R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 263933
Conc: 0.02 ng/ml



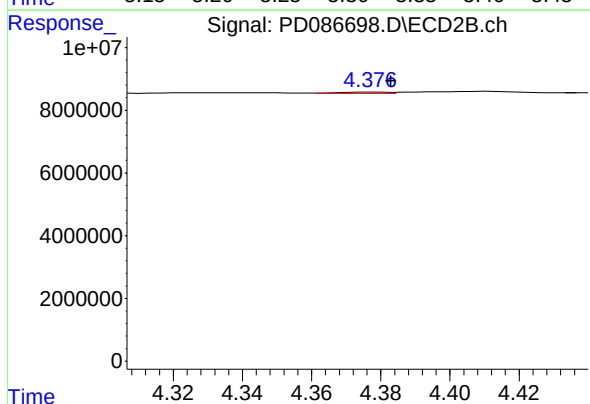
#5 Aldrin

R.T.: 5.319 min
Delta R.T.: 0.031 min
Response: 77840
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

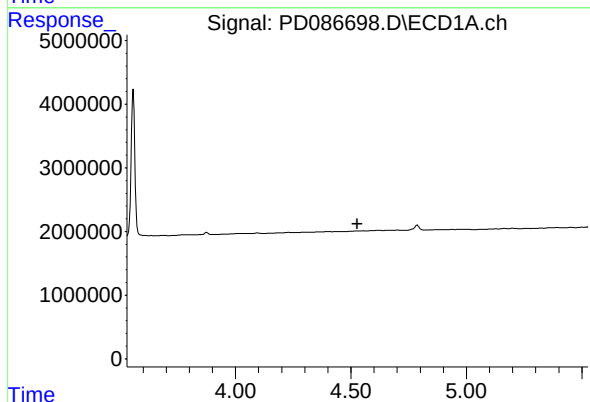
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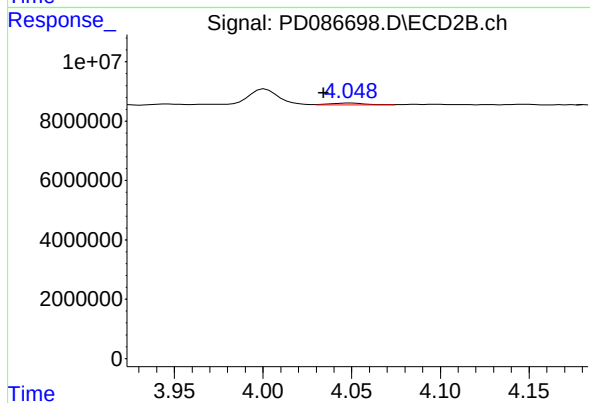
#5 Aldrin

R.T.: 4.377 min
Delta R.T.: -0.006 min
Response: 369173
Conc: 0.03 ng/ml



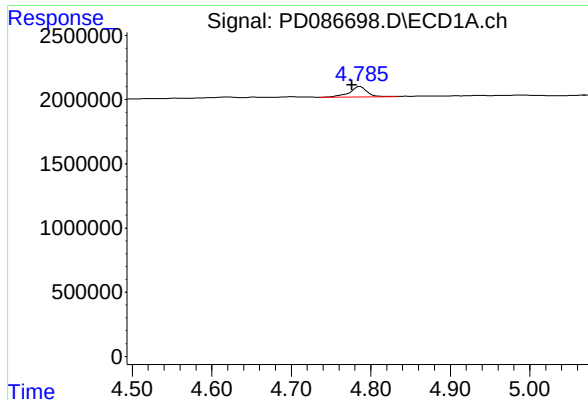
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.527 min
Response: 0
Conc: N.D.



#6 beta-BHC

R.T.: 4.049 min
Delta R.T.: 0.015 min
Response: 772027
Conc: 0.12 ng/ml



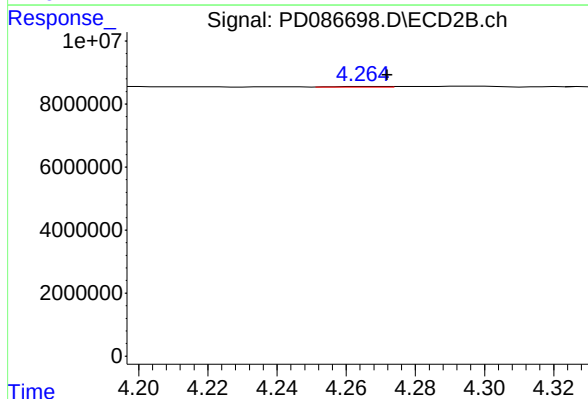
#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: 0.010 min
Response: 1257278
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

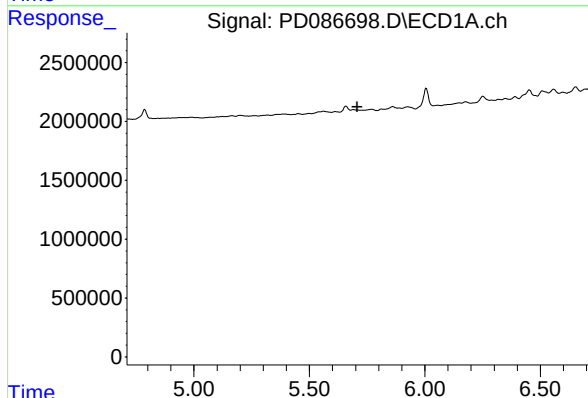
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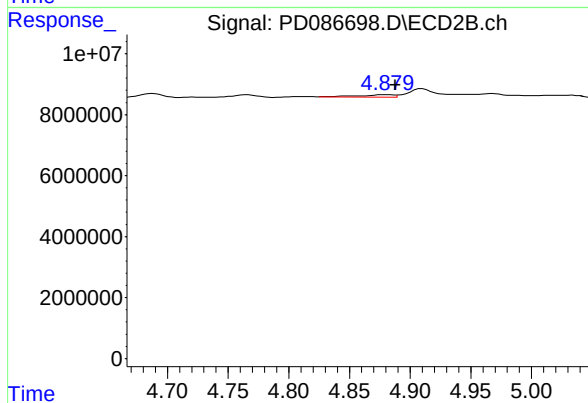
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: -0.006 min
Response: 183963
Conc: 0.01 ng/ml



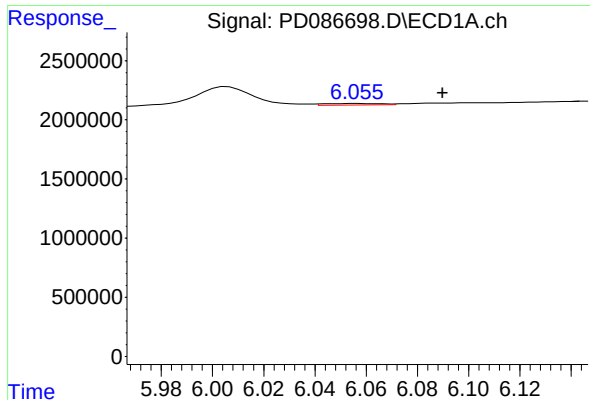
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.707 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

R.T.: 4.880 min
Delta R.T.: -0.008 min
Response: 1735503
Conc: 0.13 ng/ml



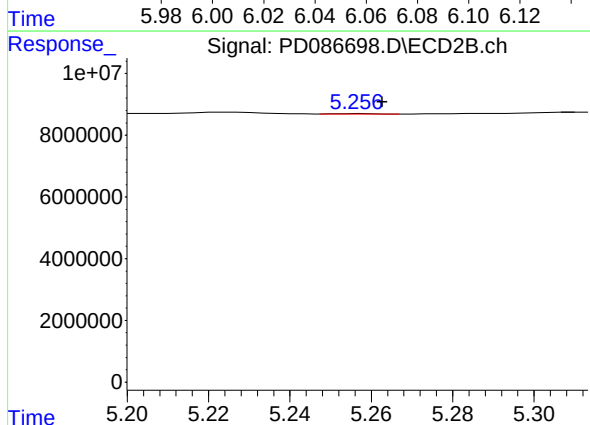
#9 Endosulfan I

R.T.: 6.057 min
Delta R.T.: -0.033 min
Response: 180479
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

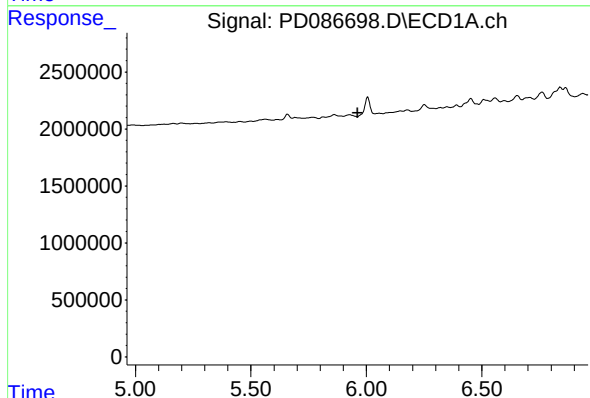
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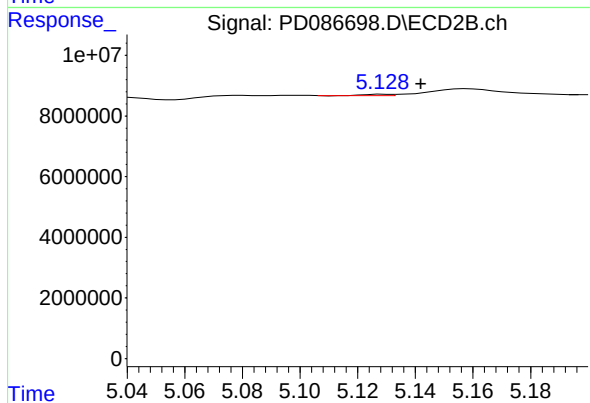
#9 Endosulfan I

R.T.: 5.256 min
Delta R.T.: -0.006 min
Response: 109594
Conc: 0.01 ng/ml



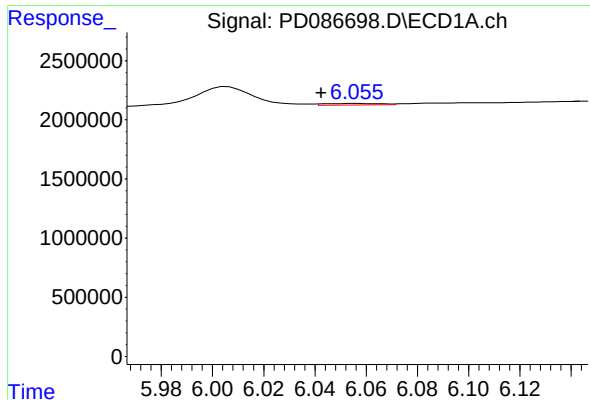
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.961 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: -0.013 min
Response: 211495
Conc: 0.02 ng/ml



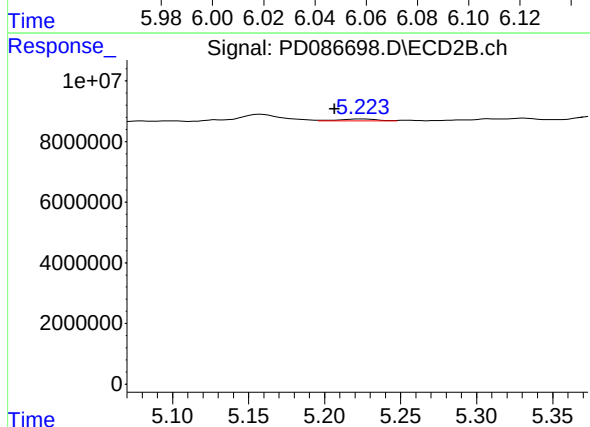
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.014 min
Response: 180479
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

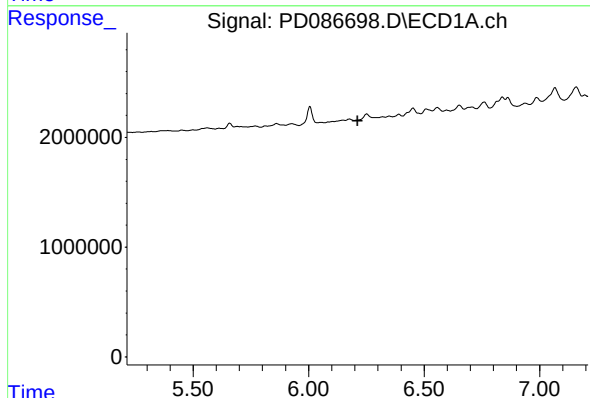
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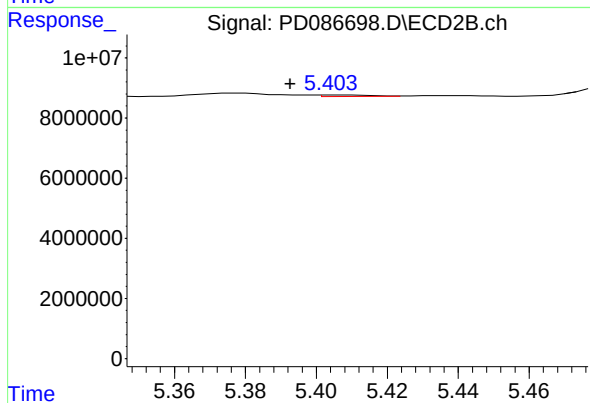
#11 alpha-Chlordane

R.T.: 5.225 min
Delta R.T.: 0.018 min
Response: 1055758
Conc: 0.08 ng/ml



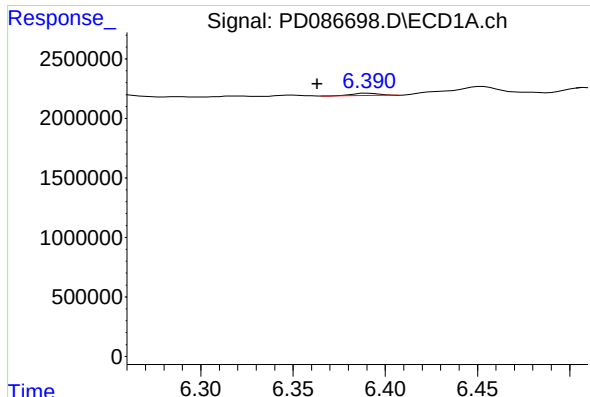
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.211 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.406 min
Delta R.T.: 0.013 min
Response: 473534
Conc: 0.04 ng/ml



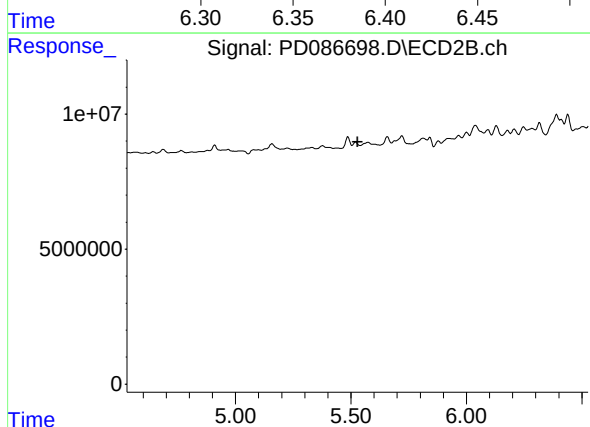
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: 0.028 min
Response: 204701
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
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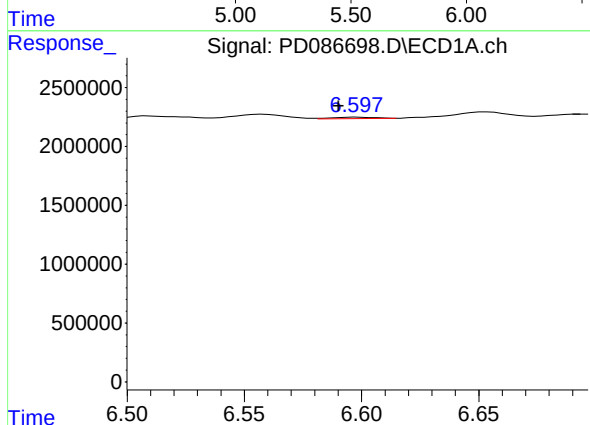
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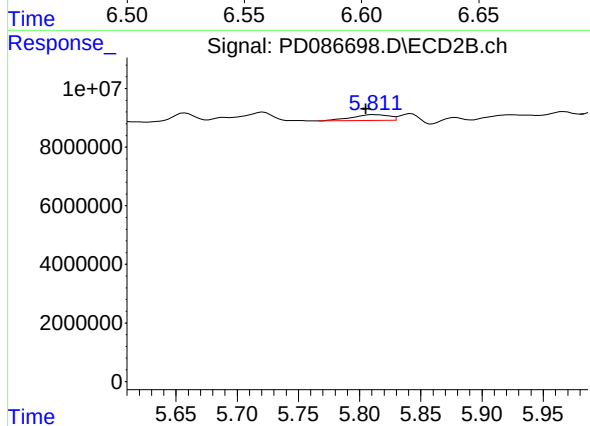
#13 Dieldrin

R.T.: 5.520 min
Delta R.T.: -0.009 min
Response: -1433853
Conc: N.D.



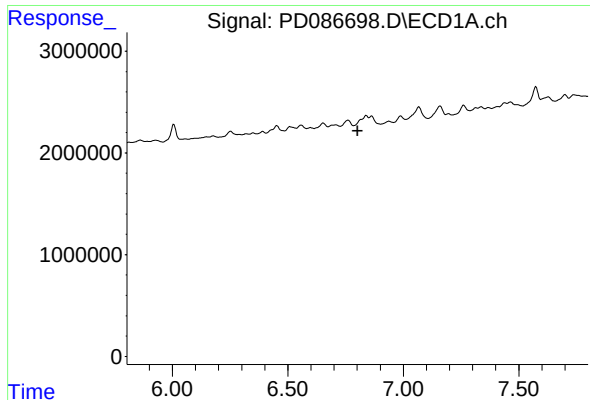
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.008 min
Response: 139424
Conc: 0.06 ng/ml



#14 Endrin

R.T.: 5.813 min
Delta R.T.: 0.007 min
Response: 4168718
Conc: 0.34 ng/ml



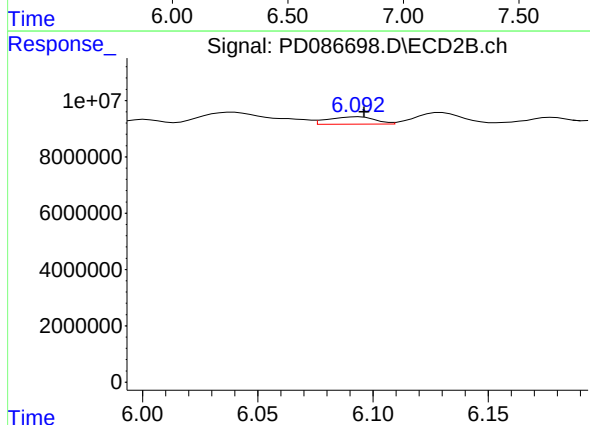
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.801 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

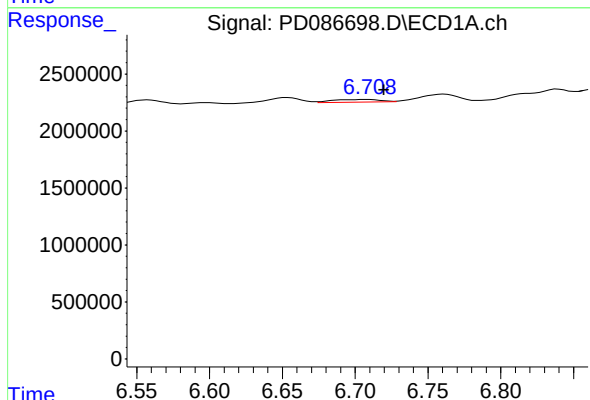
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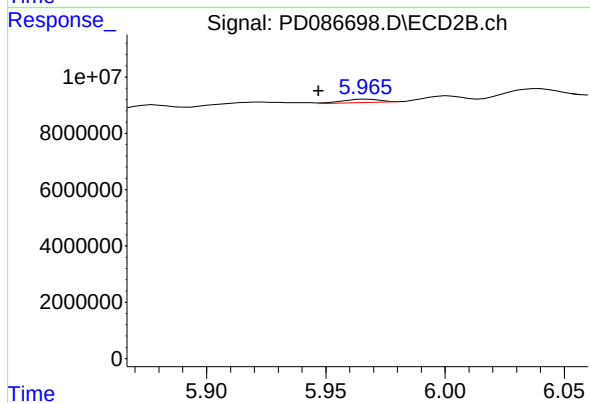
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 3770321
Conc: 0.31 ng/ml



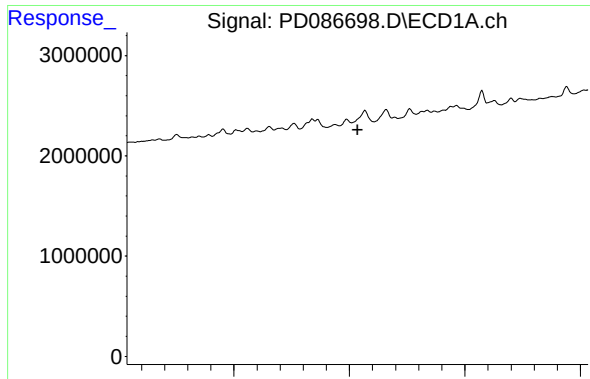
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.011 min
Response: 503866
Conc: 0.28 ng/ml



#16 4,4'-DDD

R.T.: 5.967 min
Delta R.T.: 0.020 min
Response: 1433614
Conc: 0.13 ng/ml



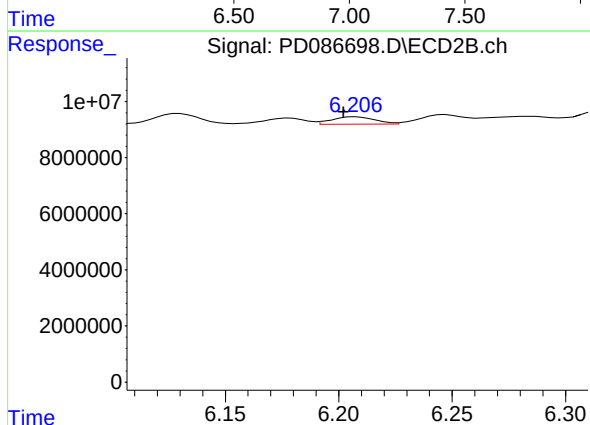
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 7.036 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

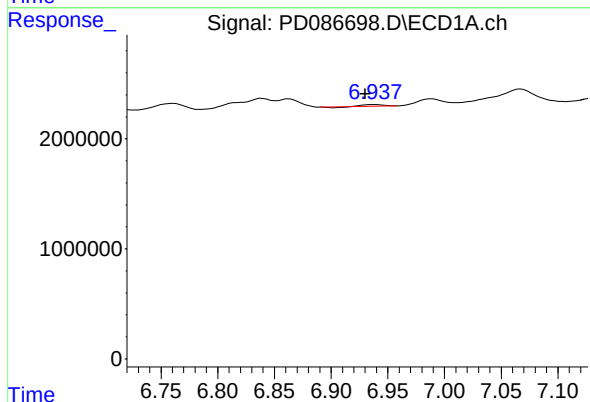
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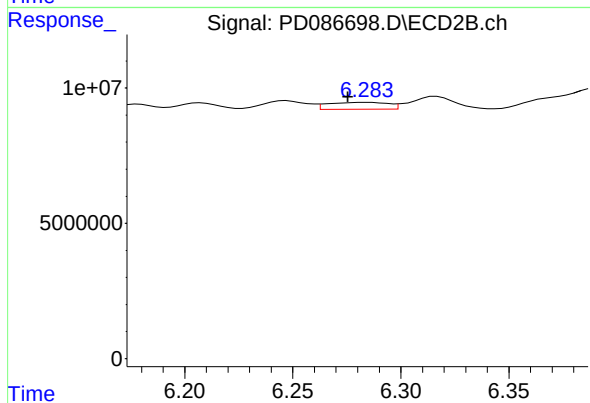
#17 4,4'-DDT

R.T.: 6.208 min
Delta R.T.: 0.005 min
Response: 3417614
Conc: 0.29 ng/ml



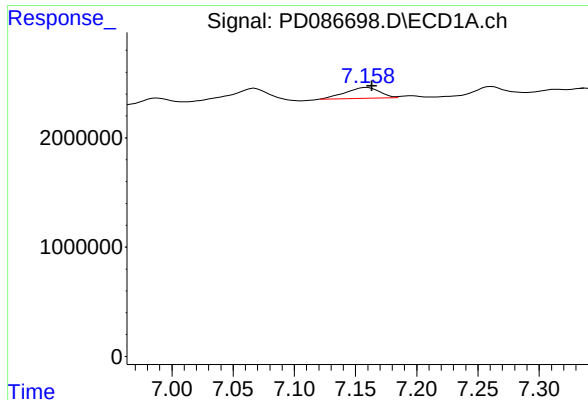
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.008 min
Response: 120084
Conc: 0.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.284 min
Delta R.T.: 0.009 min
Response: 4911332
Conc: 0.52 ng/ml



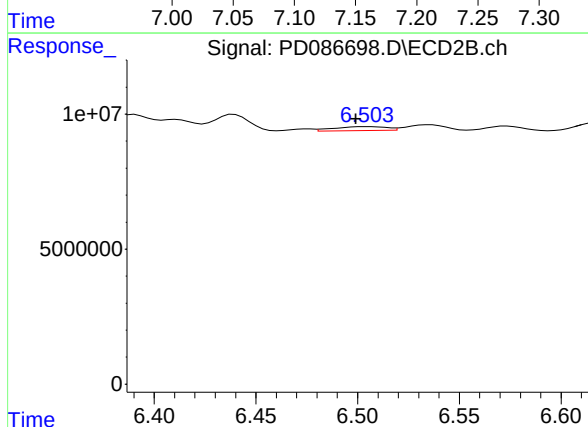
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 1964078
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
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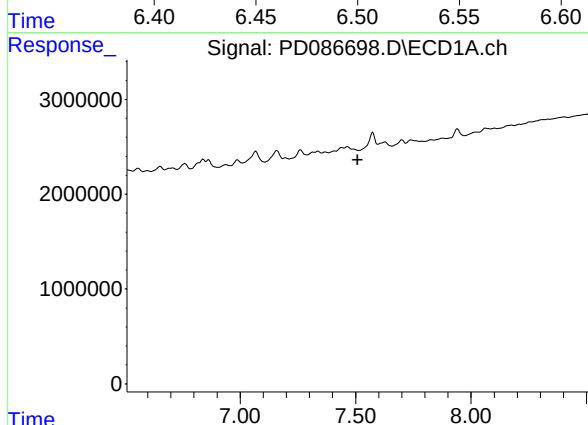
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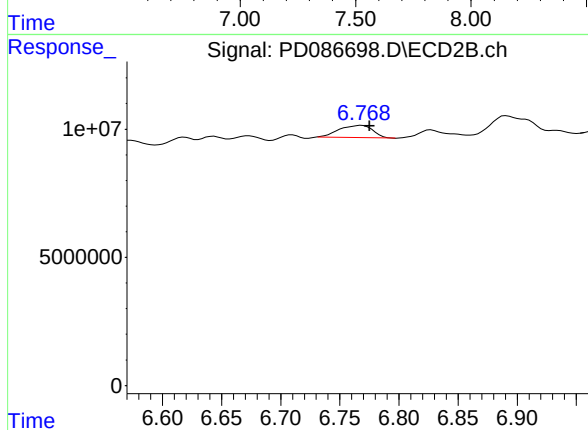
#19 Endosulfan Sulfate

R.T.: 6.506 min
Delta R.T.: 0.006 min
Response: 2580403
Conc: 0.22 ng/ml



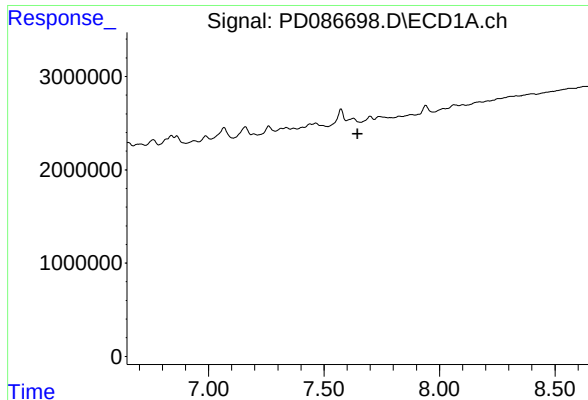
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T.: 7.508 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 6.769 min
Delta R.T.: -0.006 min
Response: 9386304
Conc: 1.49 ng/ml



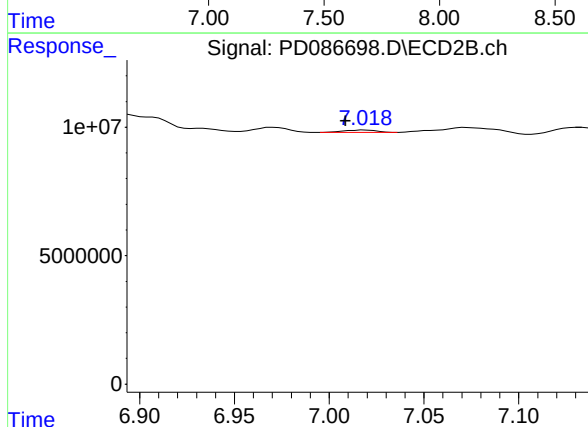
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: -0.017 min
Response: -645824
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

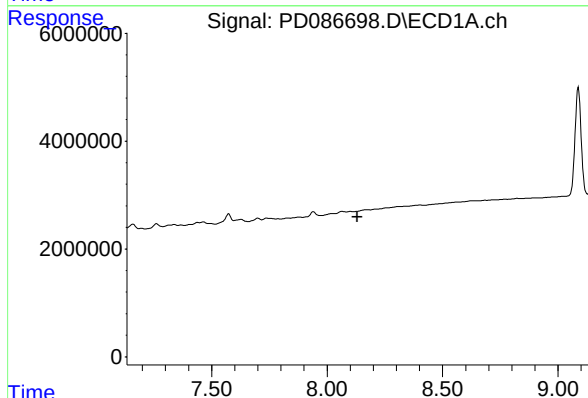
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :Ankita Jodhani 11/15/2024



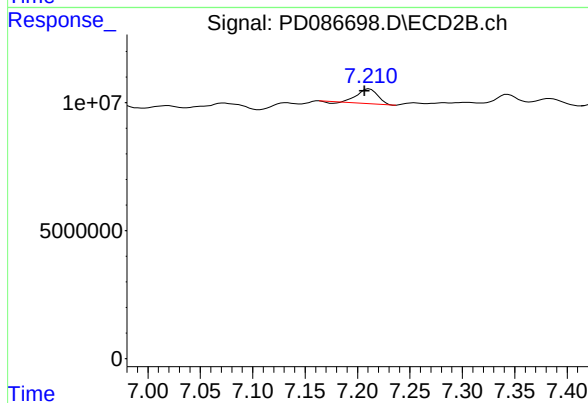
#21 Endrin ketone

R.T.: 7.019 min
Delta R.T.: 0.010 min
Response: 1120523
Conc: 0.09 ng/ml



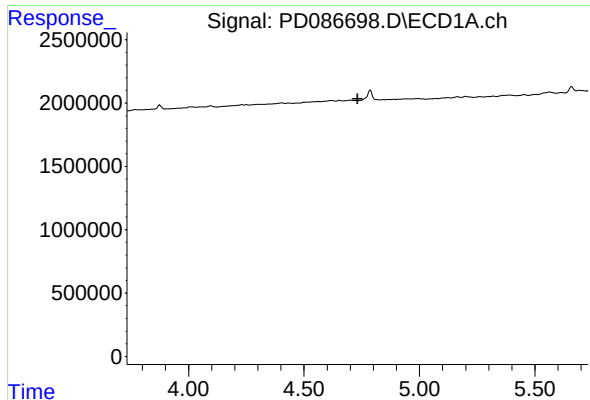
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.130 min
Response: 0
Conc: N.D.



#22 Mirex

R.T.: 7.211 min
Delta R.T.: 0.005 min
Response: 7363421
Conc: 0.71 ng/ml



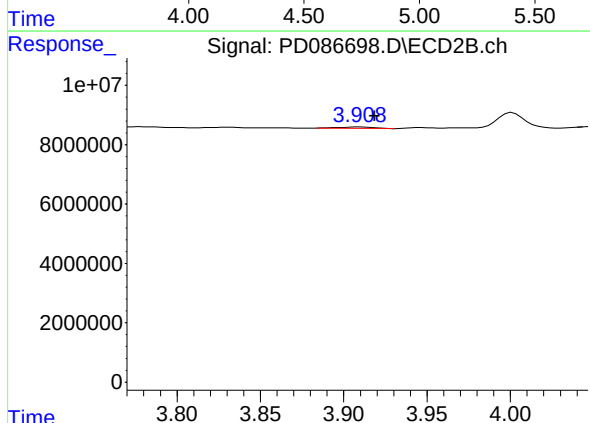
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.731 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

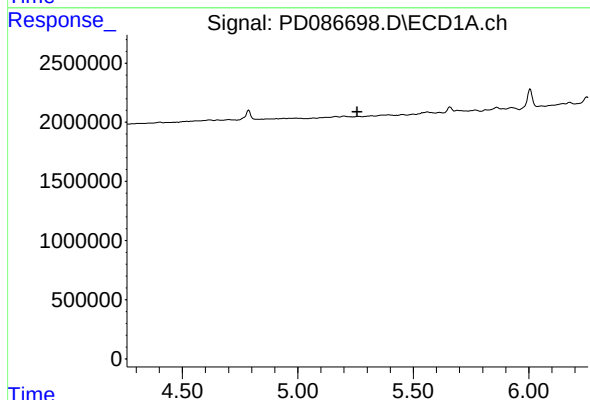
Manual Integrations APPROVED

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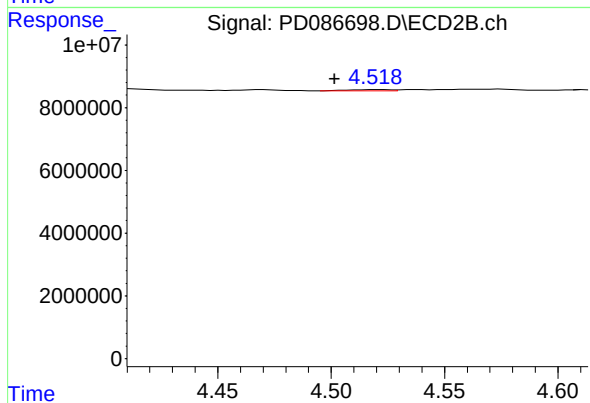
#23 Chlordane-1

R.T.: 3.909 min
Delta R.T.: -0.009 min
Response: 751673
Conc: 1.62 ng/ml



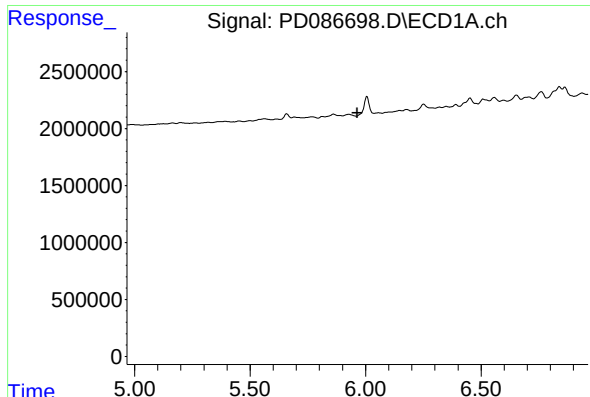
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.257 min
Response: 0
Conc: N.D.



#24 Chlordane-2

R.T.: 4.520 min
Delta R.T.: 0.018 min
Response: 474387
Conc: 0.96 ng/ml



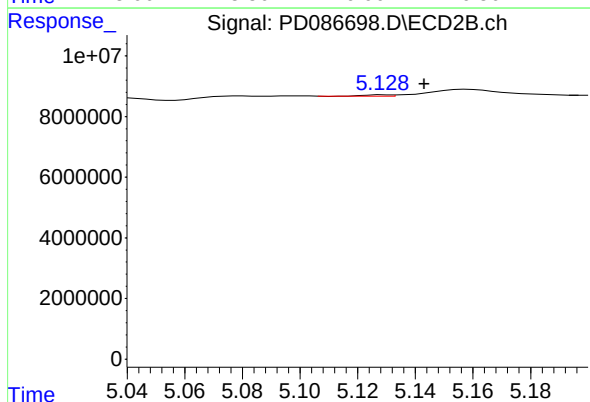
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.963 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

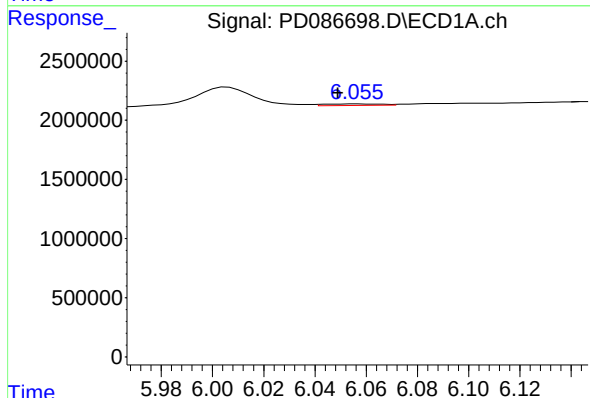
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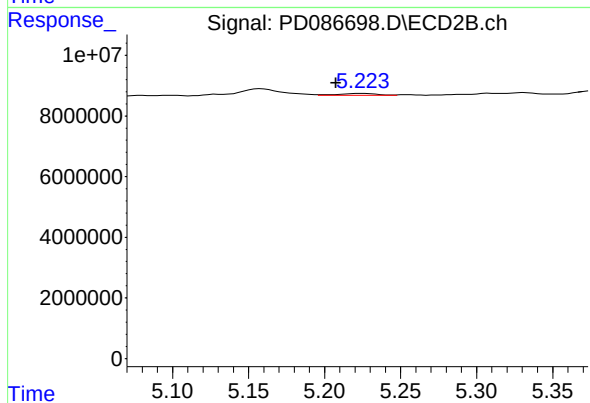
#25 Chlordane-3

R.T.: 5.129 min
Delta R.T.: -0.014 min
Response: 211495
Conc: 0.14 ng/ml



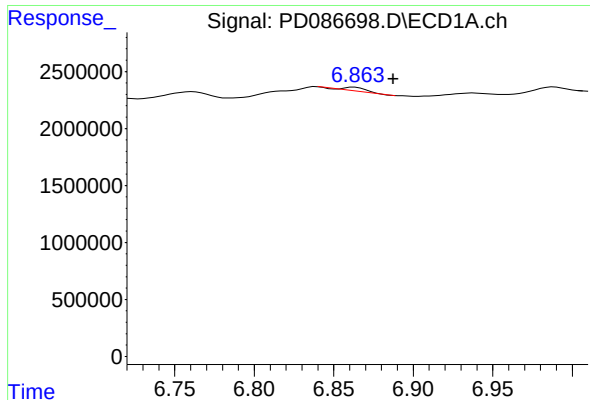
#26 Chlordane-4

R.T.: 6.057 min
Delta R.T.: 0.008 min
Response: 180479
Conc: 0.39 ng/ml



#26 Chlordane-4

R.T.: 5.225 min
Delta R.T.: 0.017 min
Response: 1055758
Conc: 0.84 ng/ml



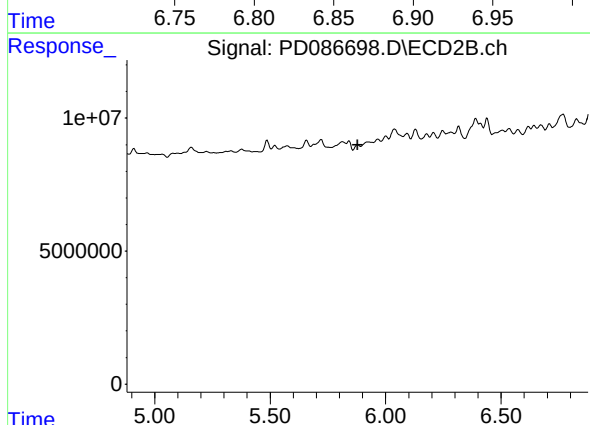
#27 Chlordane-5

R.T.: 6.863 min
Delta R.T.: -0.024 min
Response: 166306
Conc: 2.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

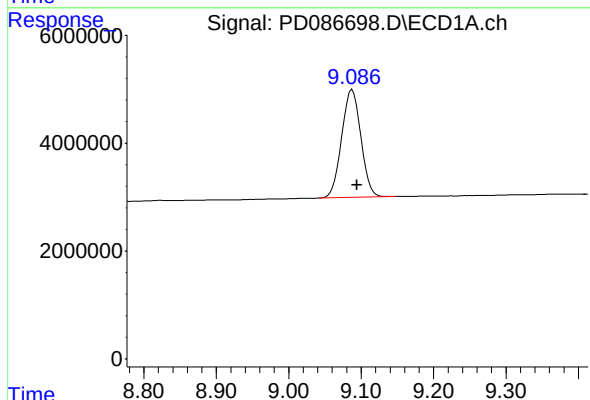
Manual Integrations
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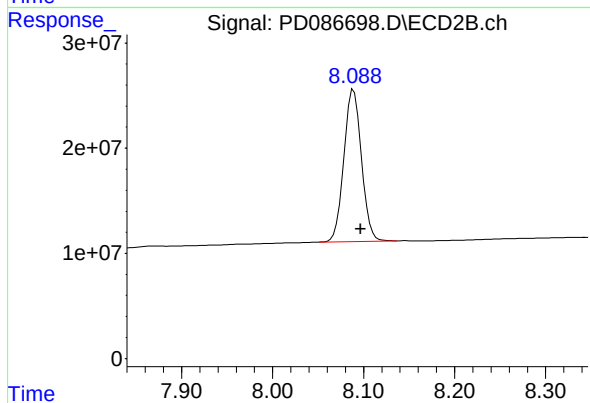
#27 Chlordane-5

R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: -224697
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: -0.006 min
Response: 36891241
Conc: 19.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: -0.008 min
Response: 194829286
Conc: 18.19 ng/ml