

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012524\
 Data File : PD080887.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2024 11:58
 Operator : AR\AJ
 Sample : P1187-03
 Misc : (Sig #1); PEST MDL 1PPB (Sig #2)
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/26/2024
 Supervised By :Ankita Jodhani 01/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 21:40:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 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...	3.572	2.793	32221948	55205084	22.698	23.078
28)	SA Decachlor...	9.119	7.935	48548848	66406805	24.124	24.931
Target Compounds							
2)	A alpha-BHC	4.029	3.295	2313171	4118568	0.931	1.073
3)	MA gamma-BHC...	4.363	3.625	2392837	4038308	0.978	1.080
4)	MA Heptachlor	4.956	3.966	3248973	3965097	1.317	1.150
5)	MB Aldrin	5.298	4.245	2516350	3841869	1.025m	1.055m
6)	B beta-BHC	4.557	3.920	1204215	1865336	1.190	1.194
7)	B delta-BHC	4.806	4.151	2991447	3867109	1.192	1.030
8)	B Heptachlo...	5.723	4.748	3124753	3691906	1.395m	1.102
9)	A Endosulfan I	6.112	5.119	2524900	3554098	1.217	1.160
10)	B gamma-Chl...	5.981	4.998	2883236	3935035	1.317	1.203
11)	B alpha-Chl...	6.061	5.063	2713960	4026922	1.246	1.232
12)	B 4,4'-DDE	6.232	5.252	2569417	3423674	1.263	1.118
13)	MA Dieldrin	6.387	5.383	2849550	3950767	1.290	1.162
14)	MA Endrin	6.617	5.659	2022583	3628070	1.083	1.224
15)	B Endosulfa...	6.834	5.951	3003618	3547573	1.551m	1.234
16)	A 4,4'-DDD	6.747	5.806	2548047	3312935	1.551m	1.262
17)	MA 4,4'-DDT	7.064	6.057	2066203	3060254	1.160	1.153
18)	B Endrin al...	6.966	6.131	2005861	3513058	1.319	1.558
19)	B Endosulfa...	7.199	6.353	2627796	3710295	1.384	1.330
20)	A Methoxychlor	7.538	6.631	1345963	1936700	1.308	1.237
21)	B Endrin ke...	7.686	6.860	3402241	3932501	1.627	1.219 #
22)	Mirex	8.163	7.043	2773167	3749747	1.681	1.488

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012524\
Data File : PD080887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jan 2024 11:58
Operator : AR\AJ
Sample : P1187-03
Misc : (Sig #1); PEST MDL 1PPB (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

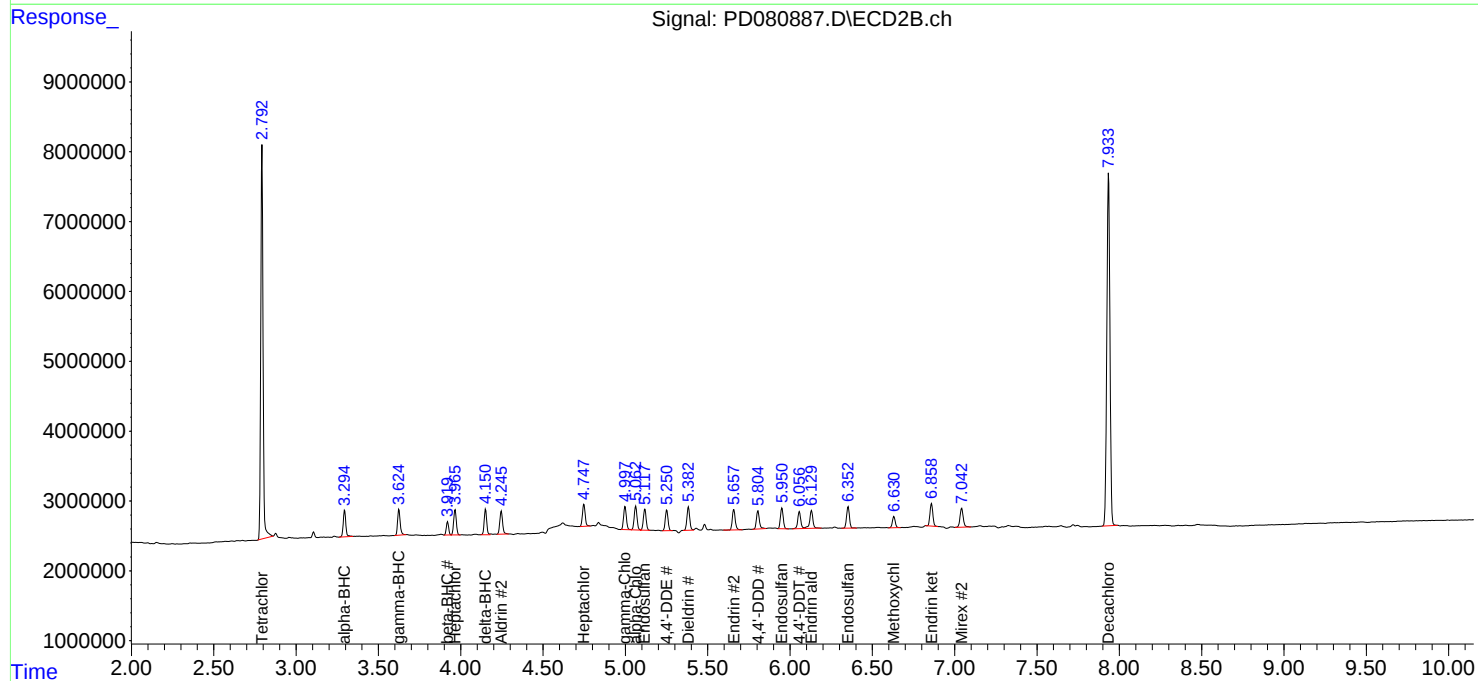
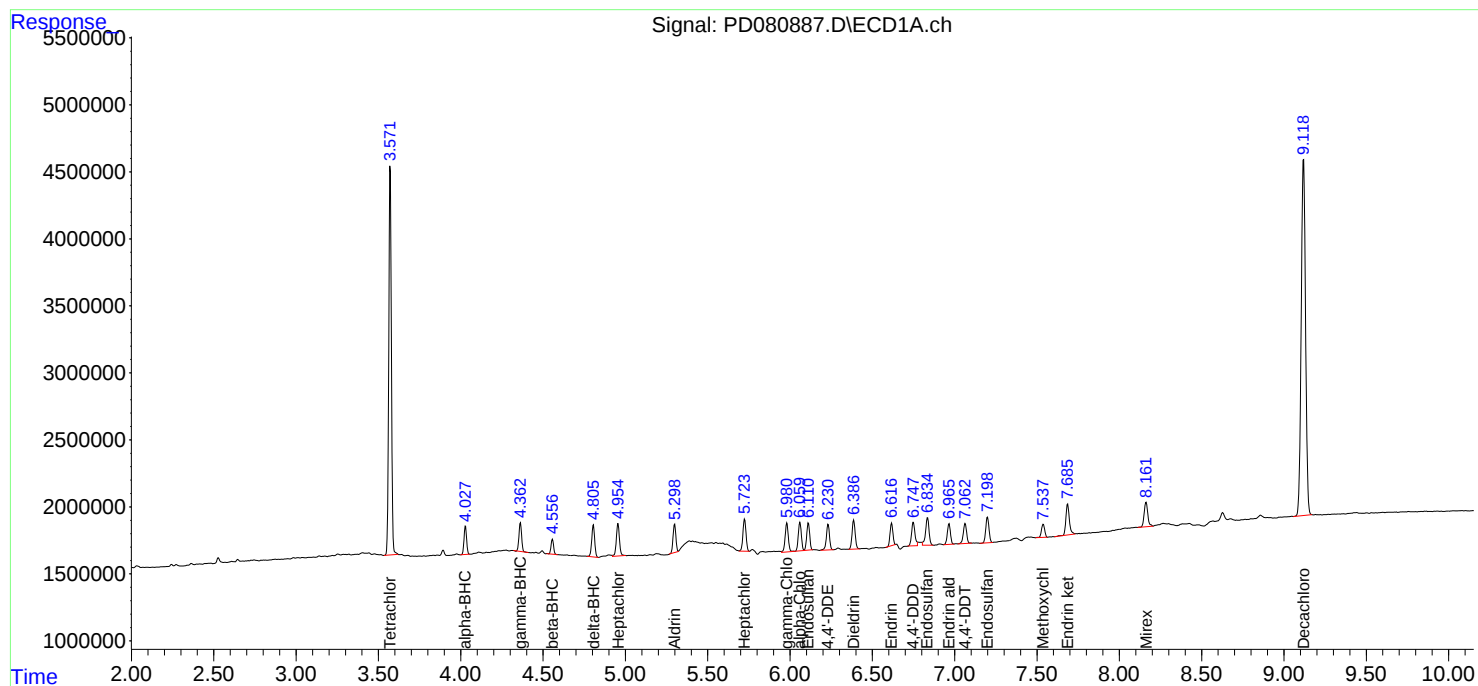
Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

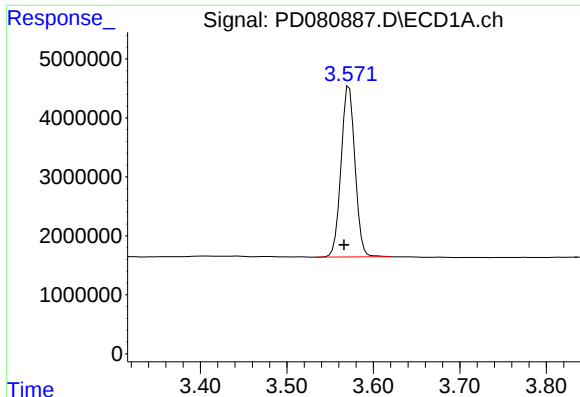
Manual Integrations
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Supervised By :Ankita Jodhani 01/26/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 21:40:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





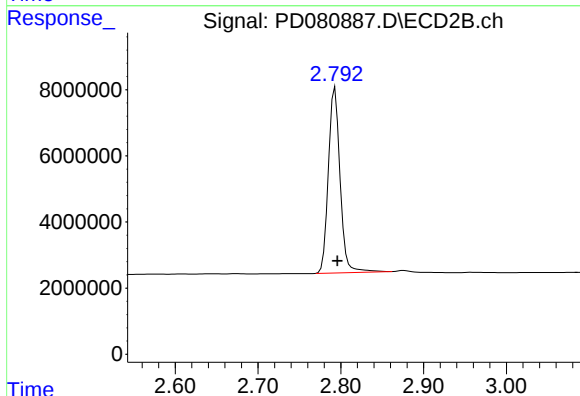
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: 0.006 min
Response: 32221948
Conc: 22.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

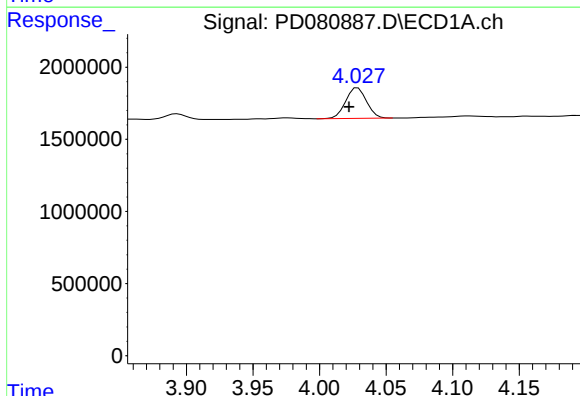
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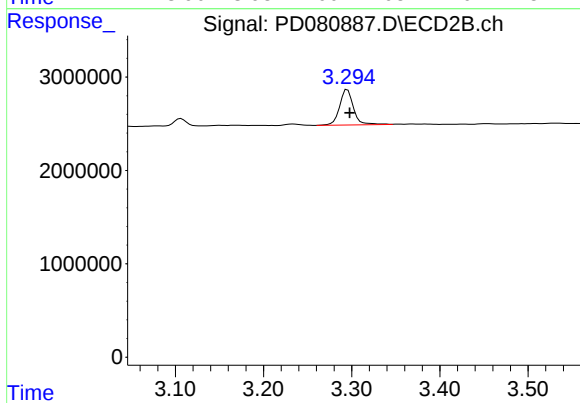
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.003 min
Response: 55205084
Conc: 23.08 ng/ml



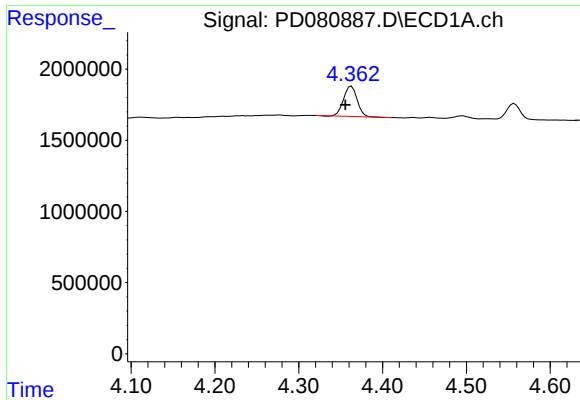
#2 alpha-BHC

R.T.: 4.029 min
Delta R.T.: 0.006 min
Response: 2313171
Conc: 0.93 ng/ml



#2 alpha-BHC

R.T.: 3.295 min
Delta R.T.: -0.003 min
Response: 4118568
Conc: 1.07 ng/ml



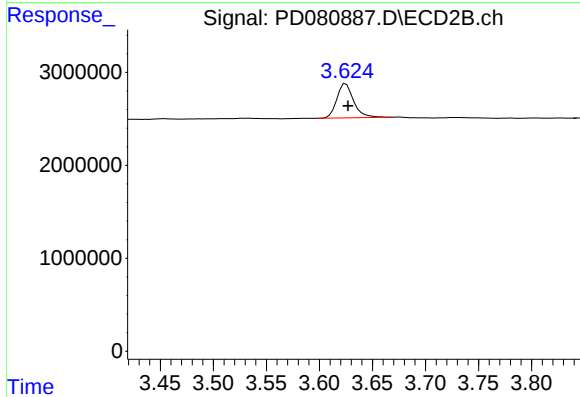
#3 gamma-BHC (Lindane)

R.T.: 4.363 min
Delta R.T.: 0.007 min
Response: 2392837
Conc: 0.98 ng/ml

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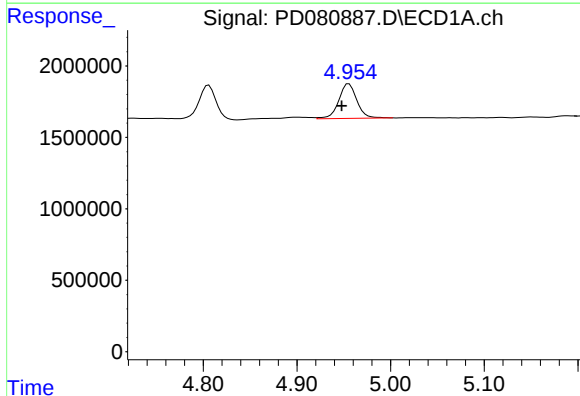
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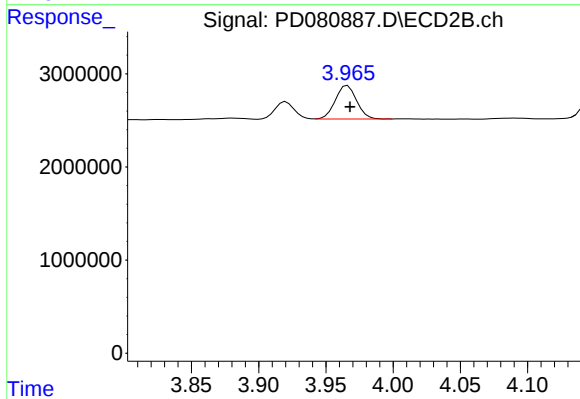
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 4038308
Conc: 1.08 ng/ml



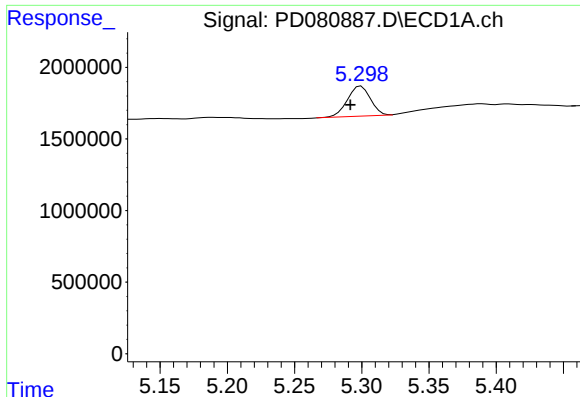
#4 Heptachlor

R.T.: 4.956 min
Delta R.T.: 0.008 min
Response: 3248973
Conc: 1.32 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 3965097
Conc: 1.15 ng/ml



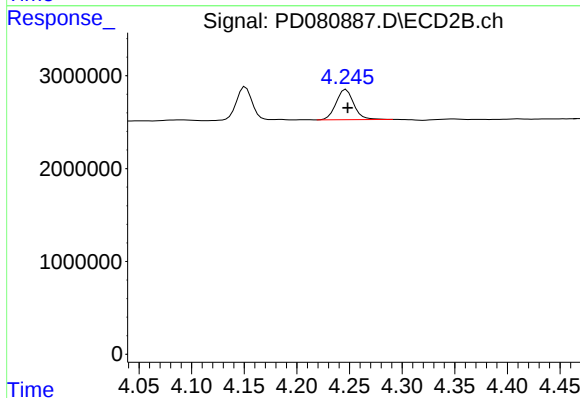
#5 Aldrin

R.T.: 5.298 min
Delta R.T.: 0.006 min
Response: 2516350
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
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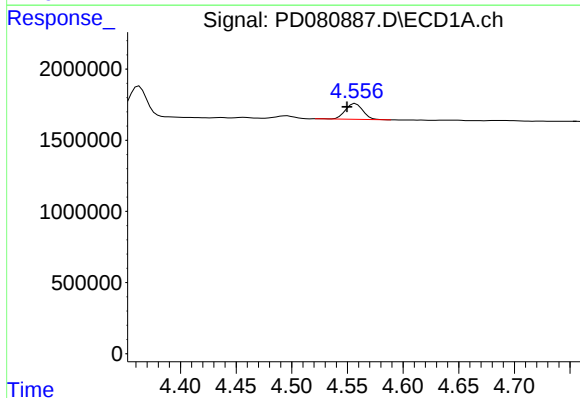
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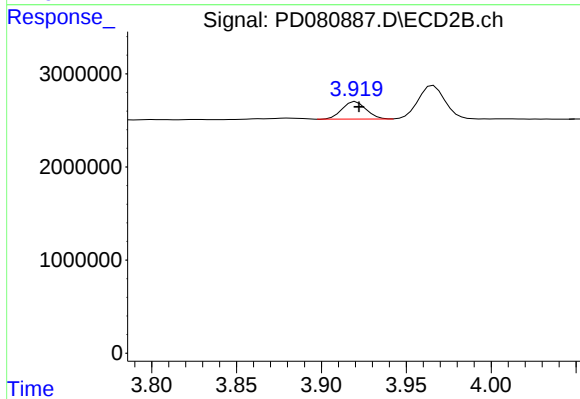
#5 Aldrin

R.T.: 4.245 min
Delta R.T.: -0.003 min
Response: 3841869
Conc: 1.05 ng/ml m



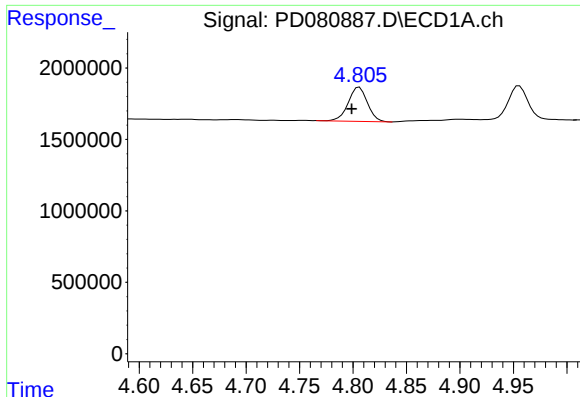
#6 beta-BHC

R.T.: 4.557 min
Delta R.T.: 0.008 min
Response: 1204215
Conc: 1.19 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 1865336
Conc: 1.19 ng/ml



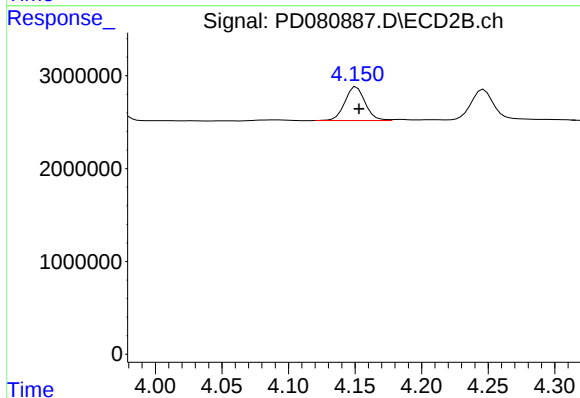
#7 delta-BHC

R.T.: 4.806 min
Delta R.T.: 0.007 min
Response: 2991447
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

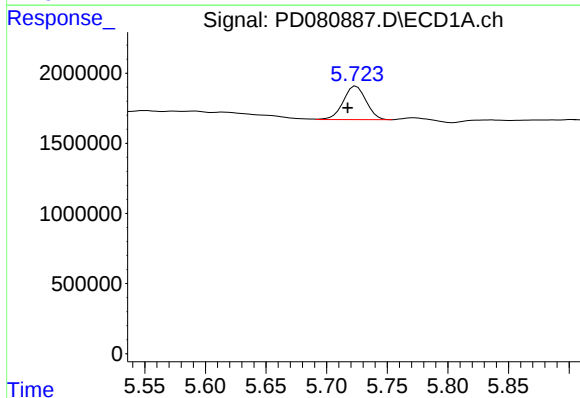
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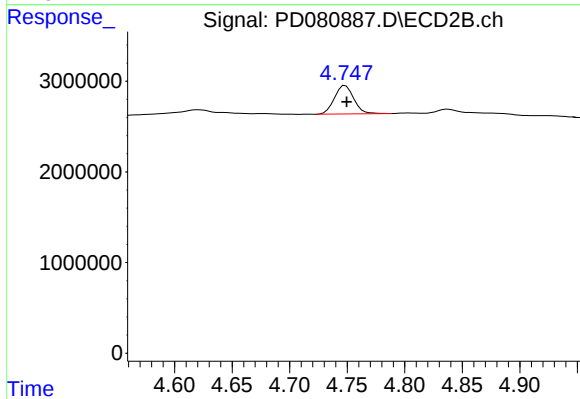
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 3867109
Conc: 1.03 ng/ml



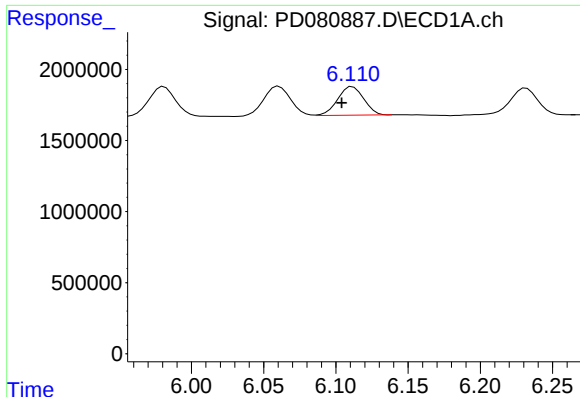
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.006 min
Response: 3124753
Conc: 1.40 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.001 min
Response: 3691906
Conc: 1.10 ng/ml



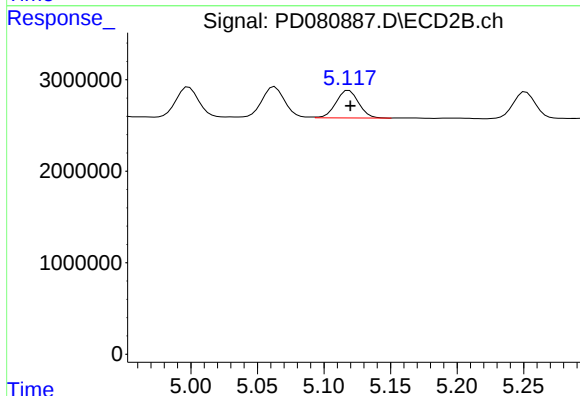
#9 Endosulfan I

R.T.: 6.112 min
Delta R.T.: 0.007 min
Response: 2524900
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

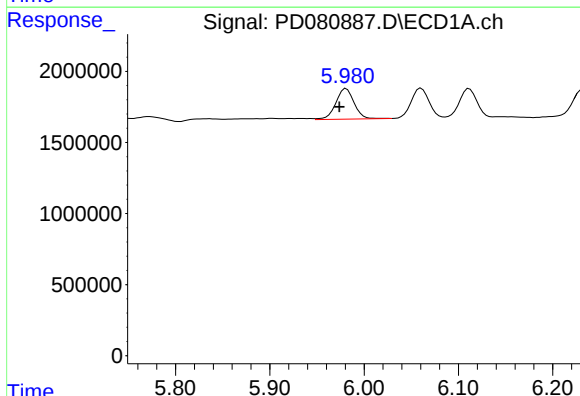
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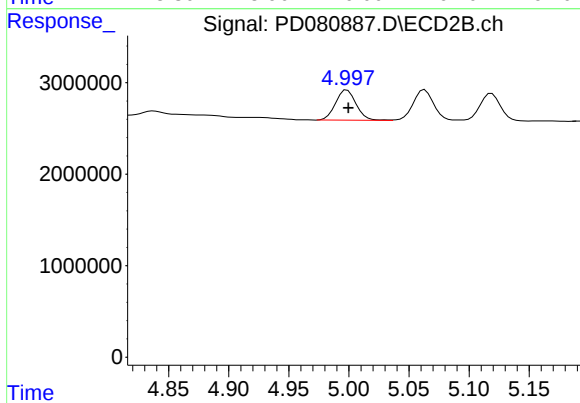
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 3554098
Conc: 1.16 ng/ml



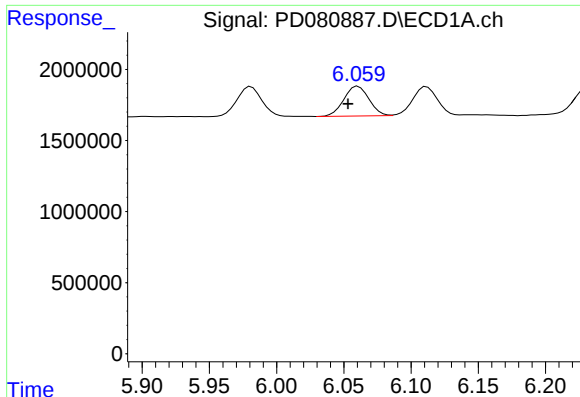
#10 gamma-Chlordane

R.T.: 5.981 min
Delta R.T.: 0.007 min
Response: 2883236
Conc: 1.32 ng/ml



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.001 min
Response: 3935035
Conc: 1.20 ng/ml



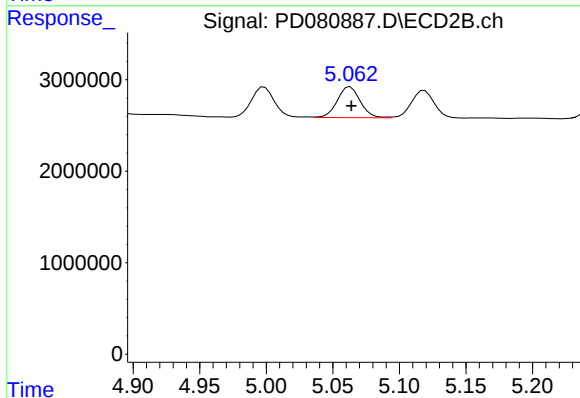
#11 alpha-Chlordane

R.T.: 6.061 min
Delta R.T.: 0.007 min
Response: 2713960
Conc: 1.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
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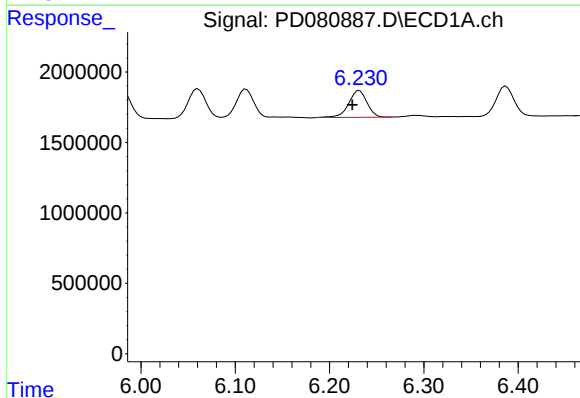
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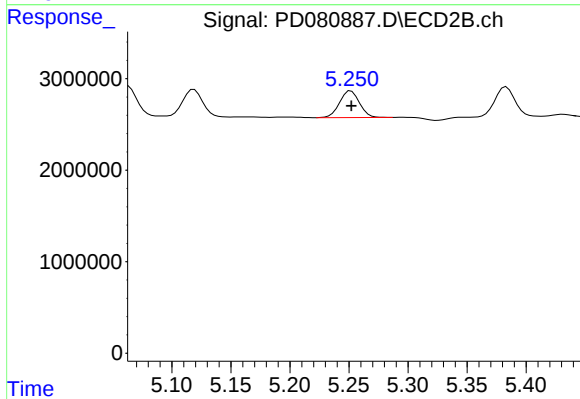
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 4026922
Conc: 1.23 ng/ml



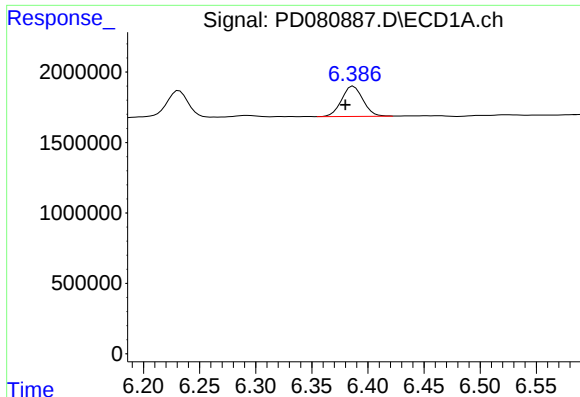
#12 4,4'-DDE

R.T.: 6.232 min
Delta R.T.: 0.008 min
Response: 2569417
Conc: 1.26 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 3423674
Conc: 1.12 ng/ml



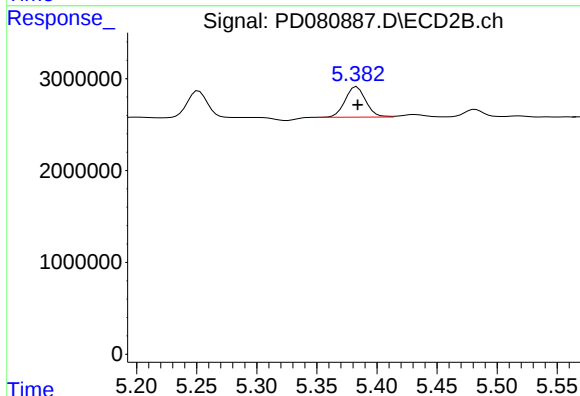
#13 Dieldrin

R.T.: 6.387 min
Delta R.T.: 0.007 min
Response: 2849550
Conc: 1.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

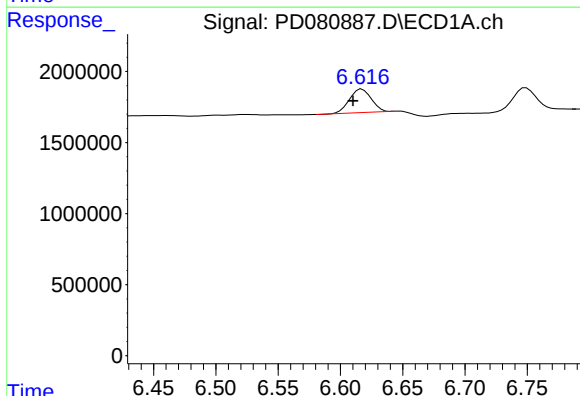
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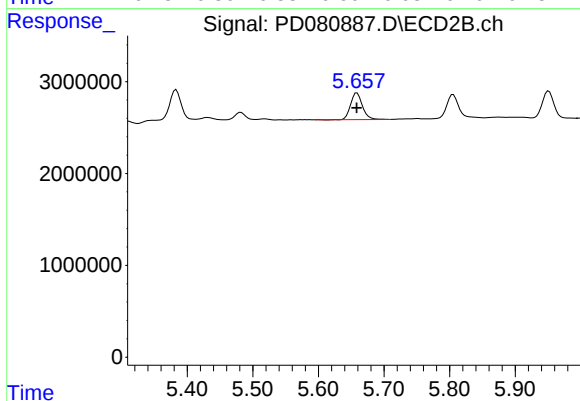
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 3950767
Conc: 1.16 ng/ml



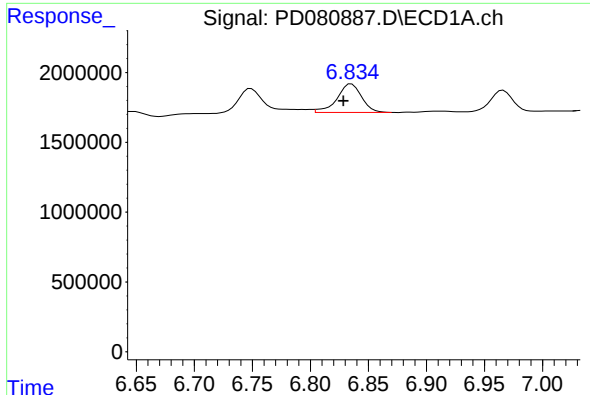
#14 Endrin

R.T.: 6.617 min
Delta R.T.: 0.007 min
Response: 2022583
Conc: 1.08 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 3628070
Conc: 1.22 ng/ml



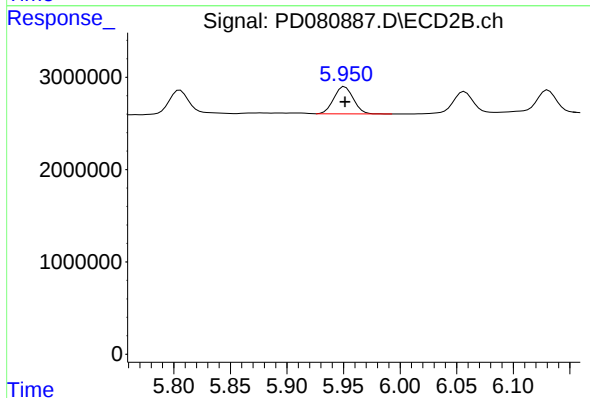
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.006 min
Response: 3003618
Conc: 1.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
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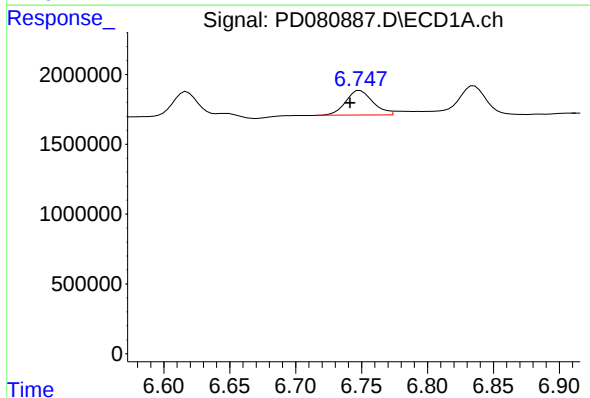
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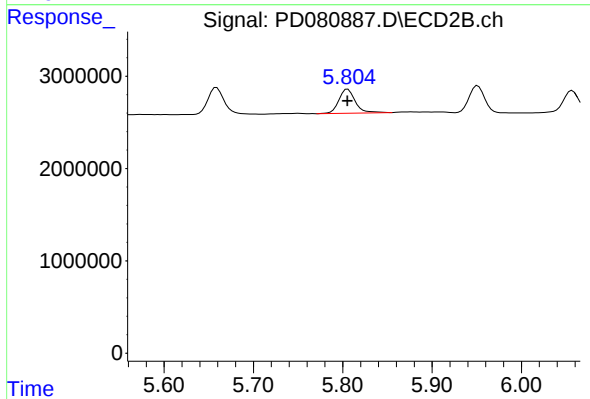
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 3547573
Conc: 1.23 ng/ml



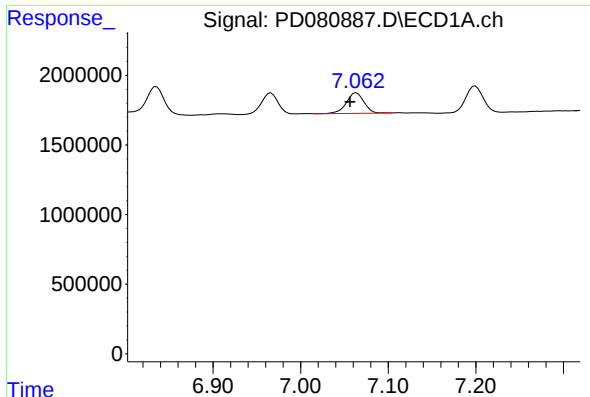
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.006 min
Response: 2548047
Conc: 1.55 ng/ml m



#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 3312935
Conc: 1.26 ng/ml



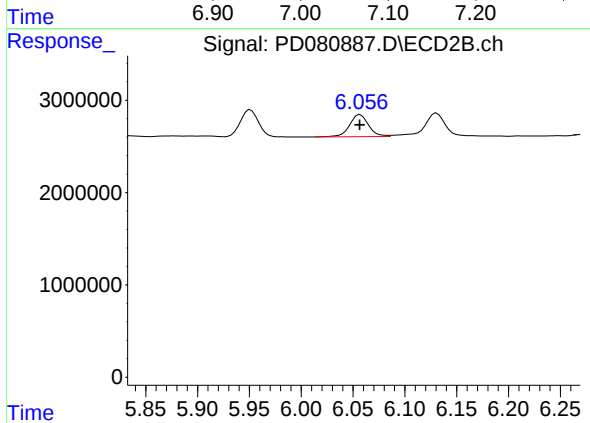
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.007 min
Response: 2066203
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

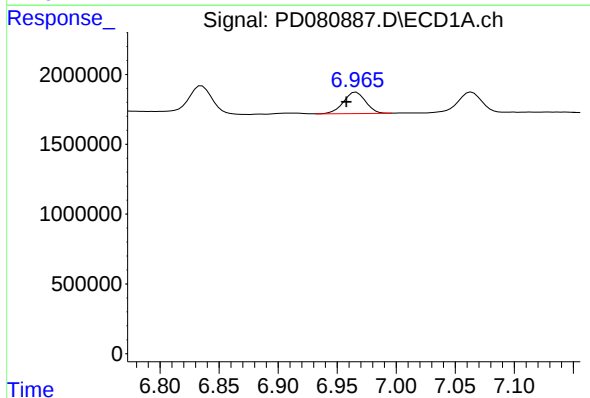
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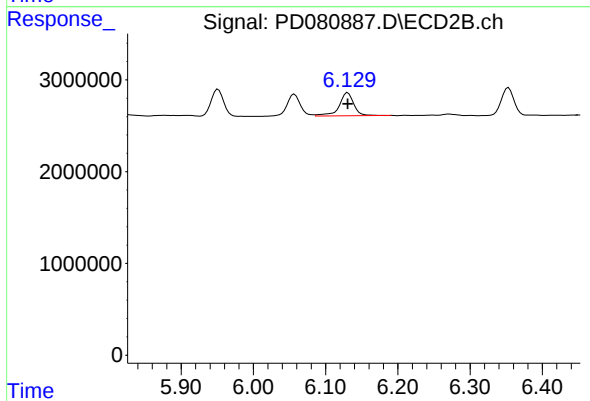
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 3060254
Conc: 1.15 ng/ml



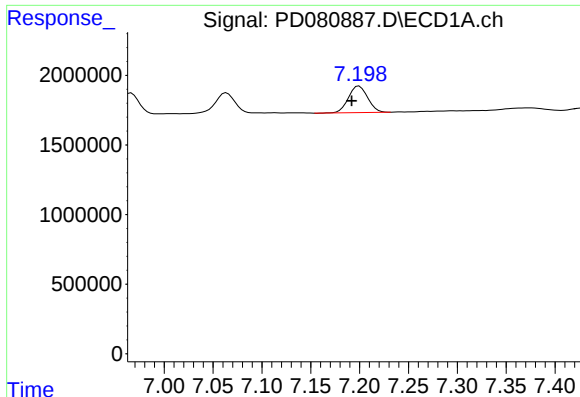
#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: 0.008 min
Response: 2005861
Conc: 1.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 3513058
Conc: 1.56 ng/ml



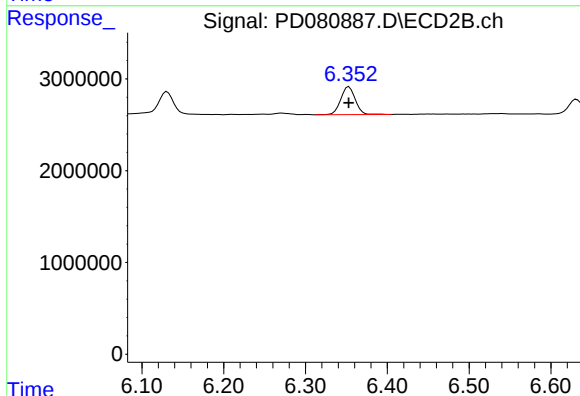
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.007 min
Response: 2627796
Conc: 1.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

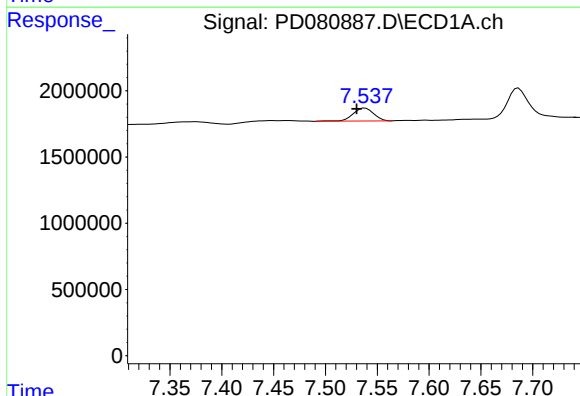
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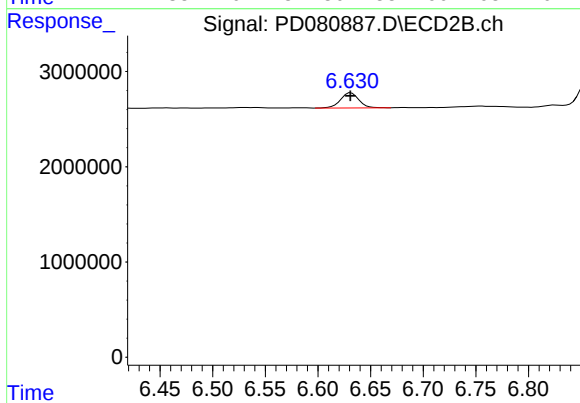
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 3710295
Conc: 1.33 ng/ml



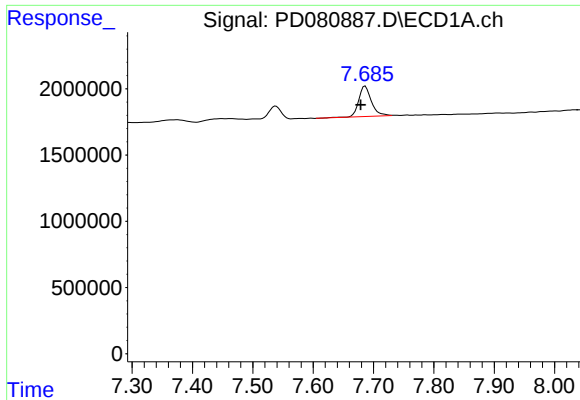
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: 0.008 min
Response: 1345963
Conc: 1.31 ng/ml



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 1936700
Conc: 1.24 ng/ml



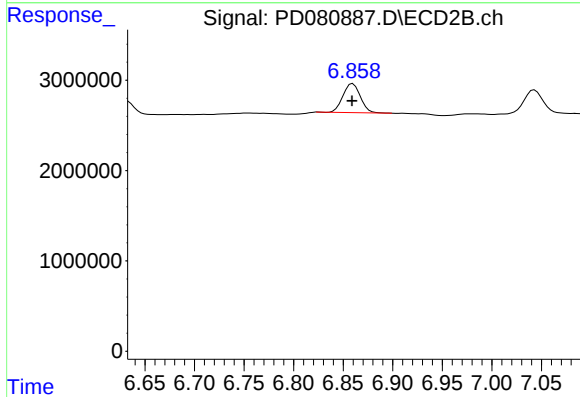
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.008 min
Response: 3402241
Conc: 1.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

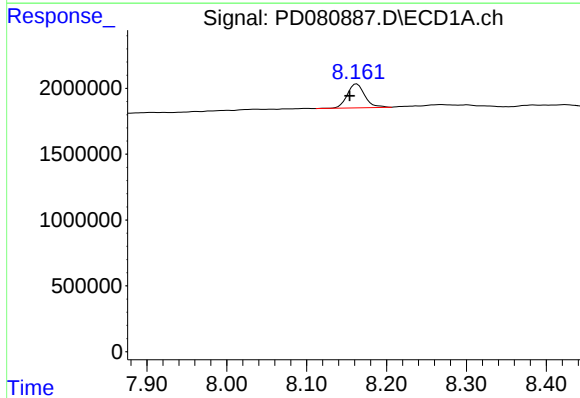
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/26/2024
Supervised By :Ankita Jodhani 01/26/2024



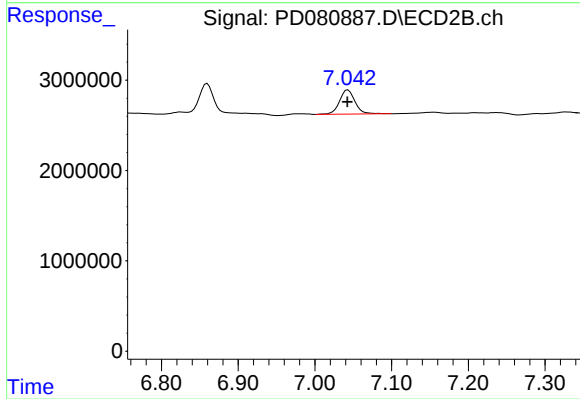
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 3932501
Conc: 1.22 ng/ml



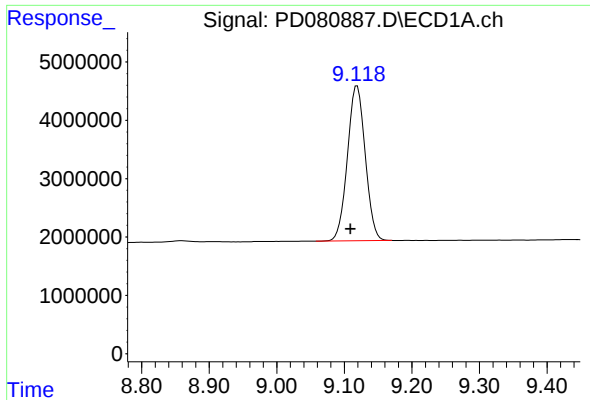
#22 Mirex

R.T.: 8.163 min
Delta R.T.: 0.009 min
Response: 2773167
Conc: 1.68 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 3749747
Conc: 1.49 ng/ml



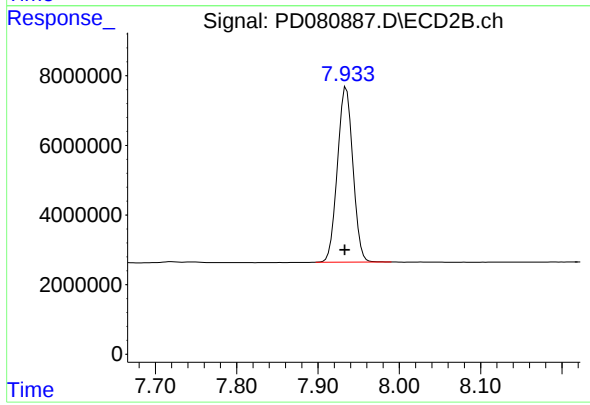
#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.010 min
Response: 48548848
Conc: 24.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: 0.002 min
Response: 66406805
Conc: 24.93 ng/ml