

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
 Data File : PD070758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 11:14
 Operator : AR\AJ
 Sample : N3214-01
 Misc : PEST LOD 1PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2022
 Supervised By :Ankita Jodhani 07/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 12:39:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 05 15:26:13 2022
 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...	3.489	4.122	43109123	524.0E6	17.658	20.262
28)	SA Decachlor...	8.269	9.314	46933866	149.1E6	18.928	18.129
Target Compounds							
2)	A alpha-BHC	3.932	4.526	3601299	47146663	1.026	1.283m#
3)	MA gamma-BHC...	4.217	4.821	5254283	54068446	1.544	1.664
4)	MA Heptachlor	4.519	5.335	3415863	43312387	1.013	1.398 #
5)	MB Aldrin	4.768	5.647	3548369	38451789	1.075	1.364 #
6)	B beta-BHC	4.467	4.994	1374318	91439025	0.942	1.071
7)	B delta-BHC	4.673	5.219	3152745	38409733	0.964	1.343 #
8)	B Heptachlo...	5.214	6.041	3415746	43273001	1.134	1.902 #
9)	A Endosulfan I	5.555	6.406	3000263	30692173	1.072	1.499 #
10)	B gamma-Chl...	5.442	6.279	3953953	33895489	1.275	1.486
11)	B alpha-Chl...	5.501	6.351	3564823	33482608	1.172	1.520 #
12)	B 4,4'-DDE	5.667	6.507	2831254	26478523	0.974	1.295 #
13)	MA Dieldrin	5.799	6.668	3124476	28046454	1.038	1.384 #
14)	MA Endrin	6.058	6.890	2942991	16798952	1.095	1.091
15)	B Endosulfa...	6.332	7.104	3033081	20353426	1.278	1.386
16)	A 4,4'-DDD	6.185	7.004	2903346	22092847	1.190	1.561m#
17)	MA 4,4'-DDT	6.426	7.307	2720626	18931158	1.090	1.242
18)	B Endrin al...	6.502	7.231	2240164	16453554	1.205	1.437
19)	B Endosulfa...	6.715	7.454	2599792	17779520	1.070	1.296
20)	A Methoxychlor	6.978	7.766	1626568	8379591	1.138	1.222
21)	B Endrin ke...	7.209	7.935	3237049	18938914	1.217	1.476
22)	Mirex	7.397	8.390	3261000	11305785	1.490	1.416

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
 Data File : PD070758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 11:14
 Operator : AR\AJ
 Sample : N3214-01
 Misc : PEST LOD 1PPB
 ALS Vial : 7 Sample Multiplier: 1

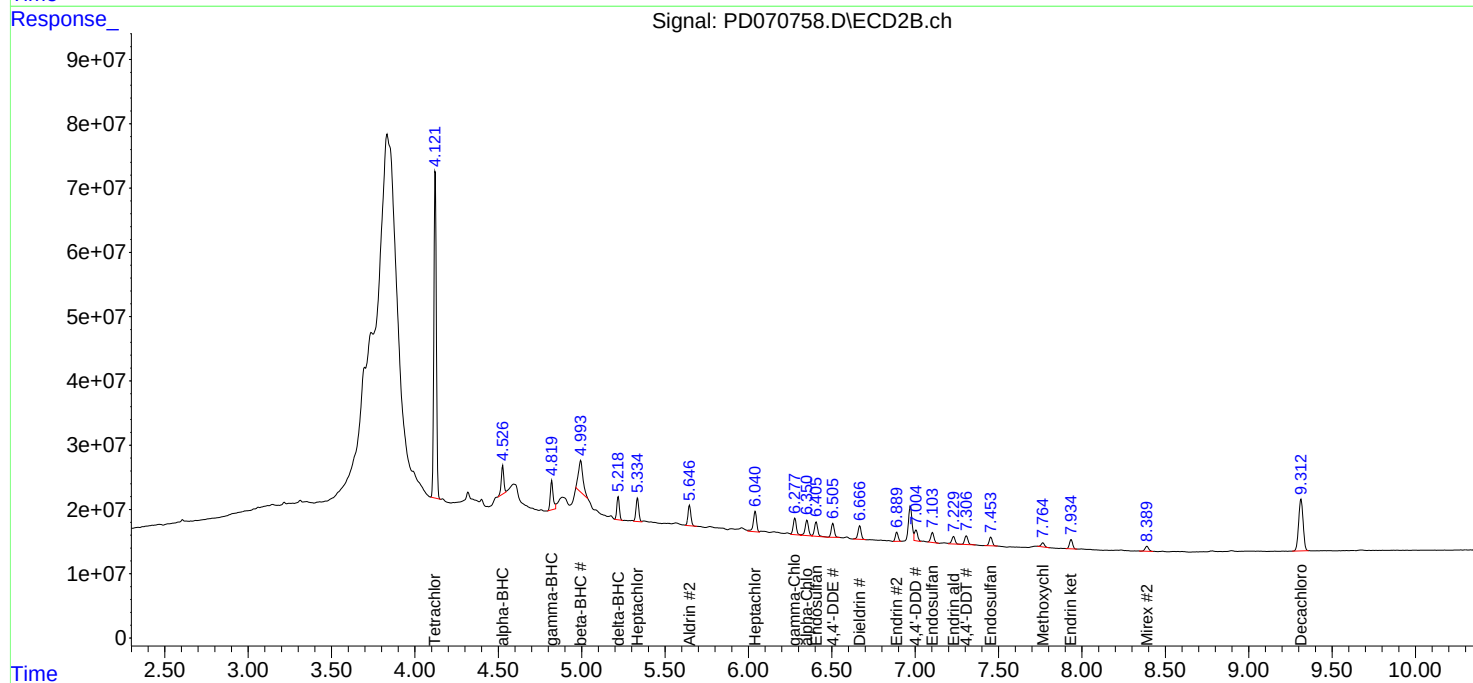
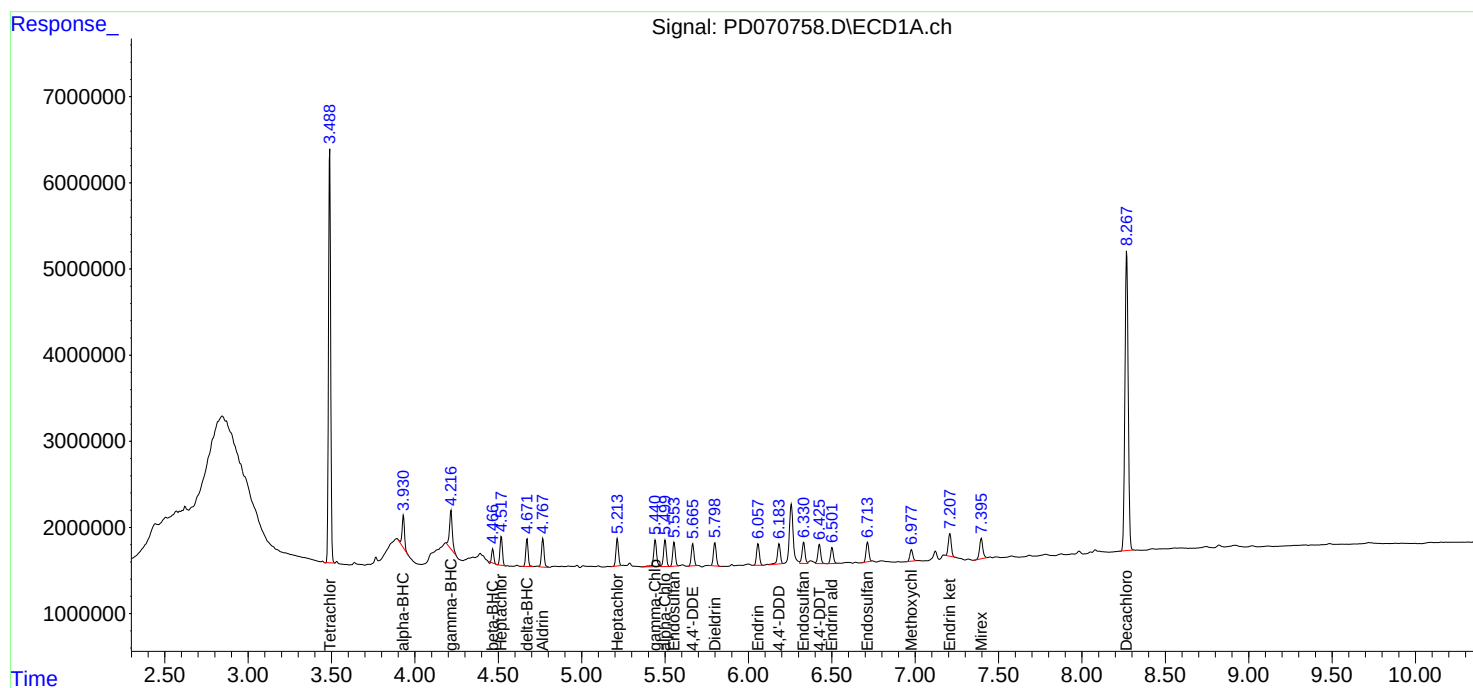
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

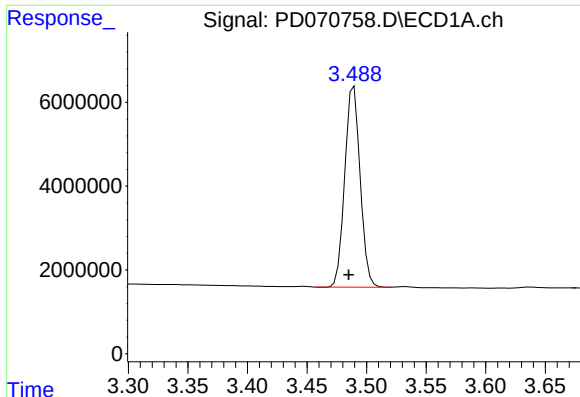
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 12:39:09 2022
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





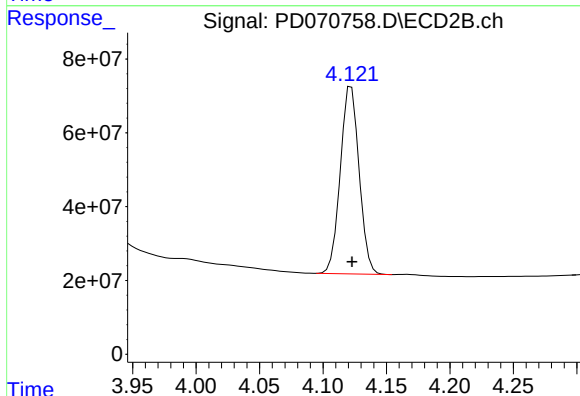
#1 Tetrachloro-m-xylene

R.T.: 3.489 min
Delta R.T.: 0.004 min
Response: 43109123
Conc: 17.66 ng/ml

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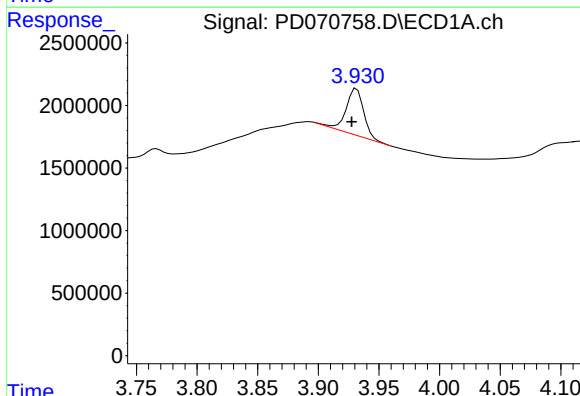
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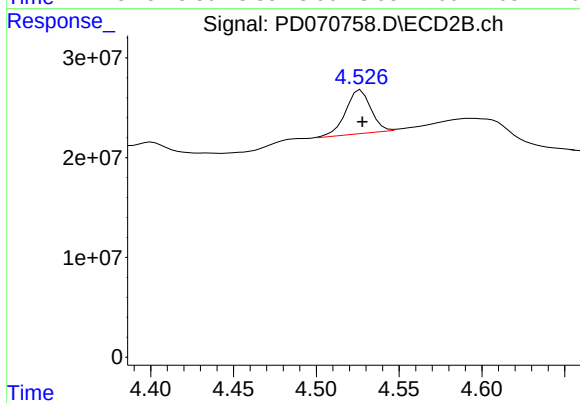
#1 Tetrachloro-m-xylene

R.T.: 4.122 min
Delta R.T.: 0.000 min
Response: 523993360
Conc: 20.26 ng/ml



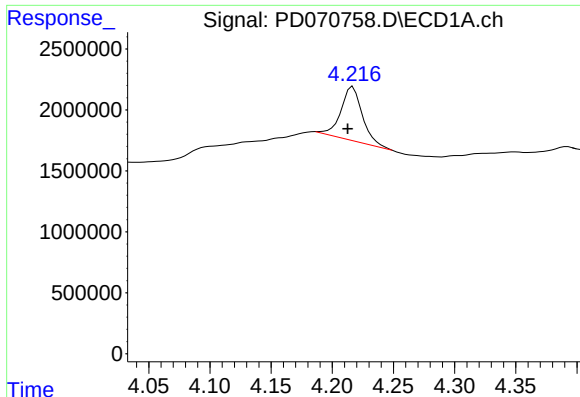
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: 0.004 min
Response: 3601299
Conc: 1.03 ng/ml



#2 alpha-BHC

R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 47146663
Conc: 1.28 ng/ml m



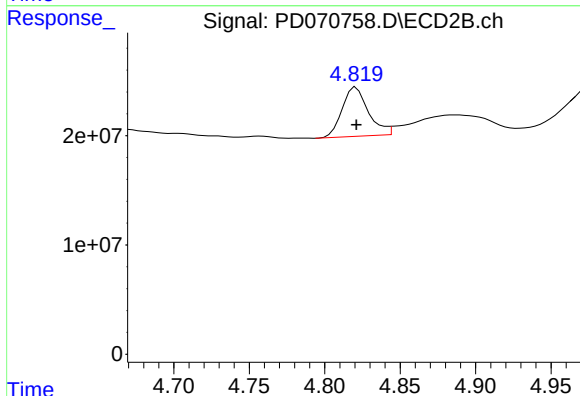
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: 0.004 min
Response: 5254283
Conc: 1.54 ng/ml

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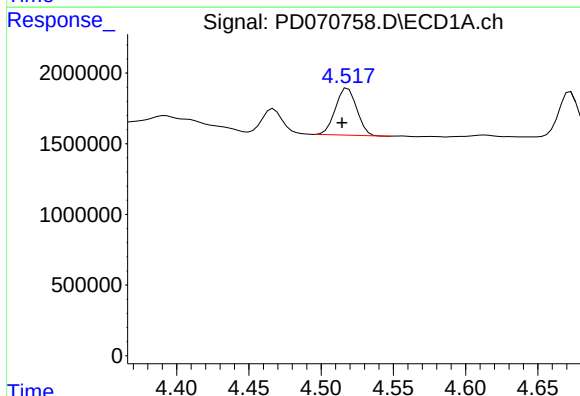
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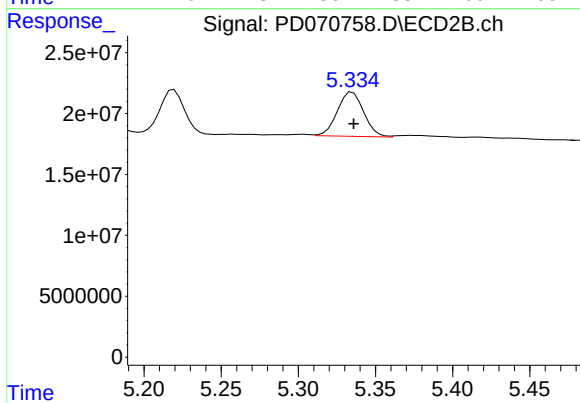
#3 gamma-BHC (Lindane)

R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 54068446
Conc: 1.66 ng/ml



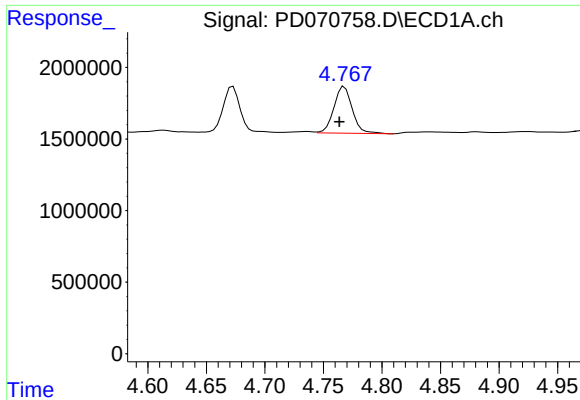
#4 Heptachlor

R.T.: 4.519 min
Delta R.T.: 0.004 min
Response: 3415863
Conc: 1.01 ng/ml



#4 Heptachlor

R.T.: 5.335 min
Delta R.T.: -0.001 min
Response: 43312387
Conc: 1.40 ng/ml



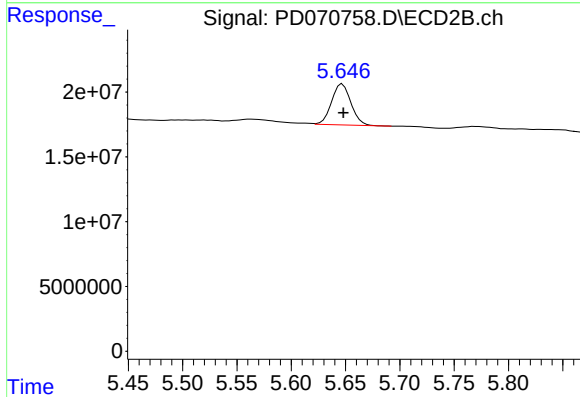
#5 Aldrin

R.T.: 4.768 min
Delta R.T.: 0.004 min
Response: 3548369
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
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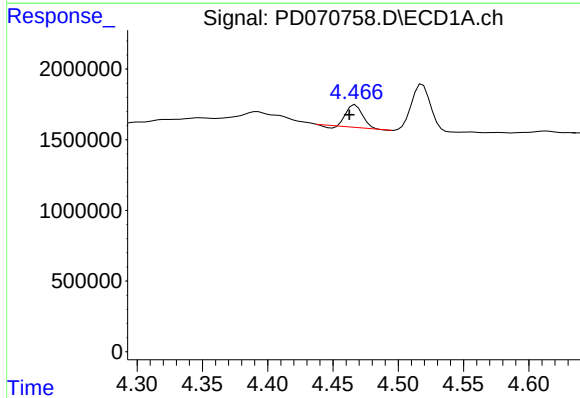
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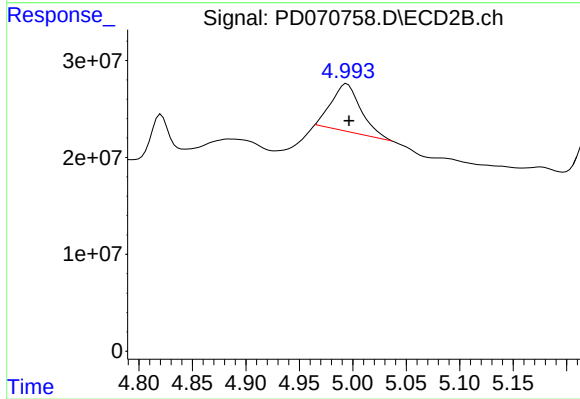
#5 Aldrin

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 38451789
Conc: 1.36 ng/ml



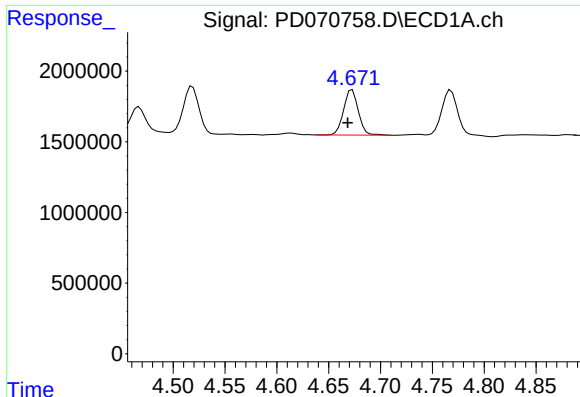
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.005 min
Response: 1374318
Conc: 0.94 ng/ml



#6 beta-BHC

R.T.: 4.994 min
Delta R.T.: -0.002 min
Response: 91439025
Conc: 1.07 ng/ml



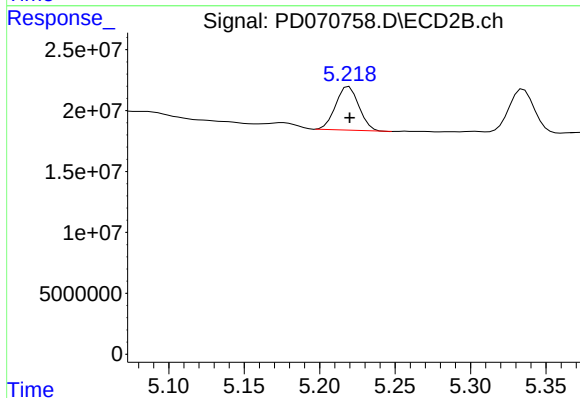
#7 delta-BHC

R.T.: 4.673 min
Delta R.T.: 0.004 min
Response: 3152745
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

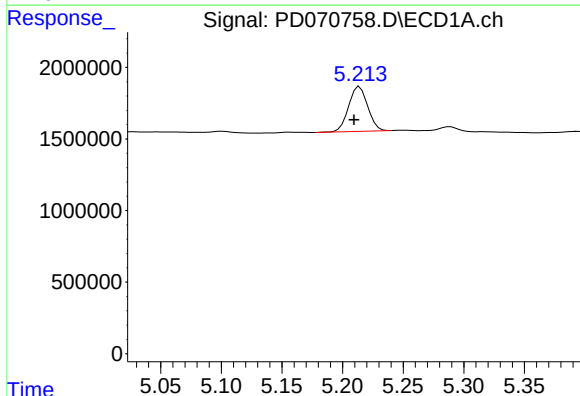
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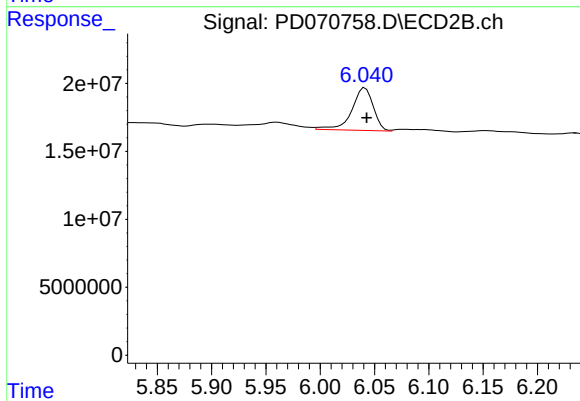
#7 delta-BHC

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 38409733
Conc: 1.34 ng/ml



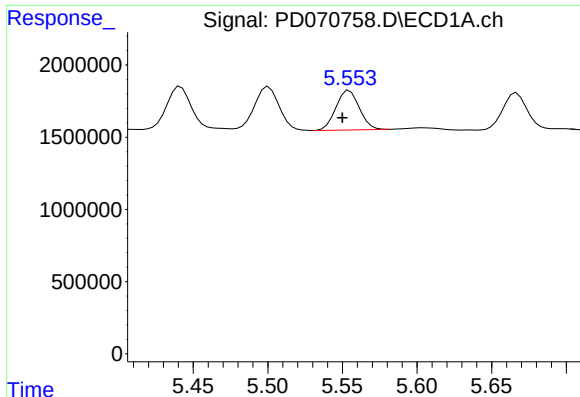
#8 Heptachlor epoxide

R.T.: 5.214 min
Delta R.T.: 0.004 min
Response: 3415746
Conc: 1.13 ng/ml



#8 Heptachlor epoxide

R.T.: 6.041 min
Delta R.T.: -0.001 min
Response: 43273001
Conc: 1.90 ng/ml



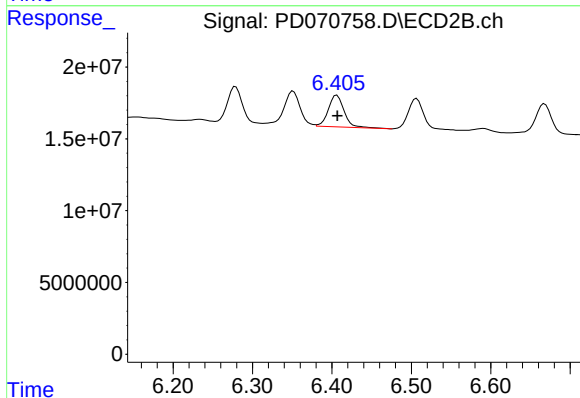
#9 Endosulfan I

R.T.: 5.555 min
Delta R.T.: 0.005 min
Response: 3000263
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

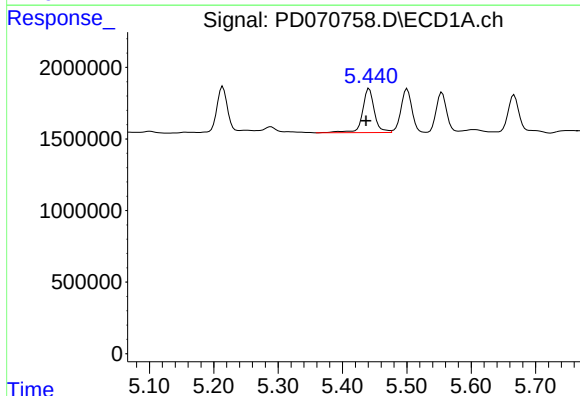
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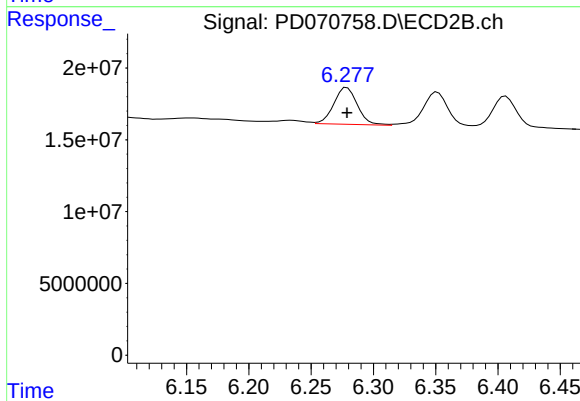
#9 Endosulfan I

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 30692173
Conc: 1.50 ng/ml



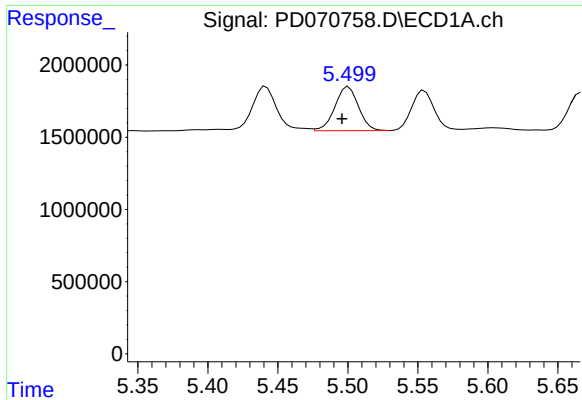
#10 gamma-Chlordane

R.T.: 5.442 min
Delta R.T.: 0.005 min
Response: 3953953
Conc: 1.27 ng/ml



#10 gamma-Chlordane

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 33895489
Conc: 1.49 ng/ml



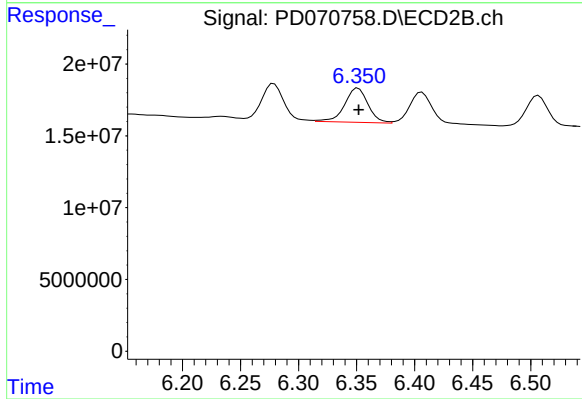
#11 alpha-Chlordane

R.T.: 5.501 min
Delta R.T.: 0.005 min
Response: 3564823
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
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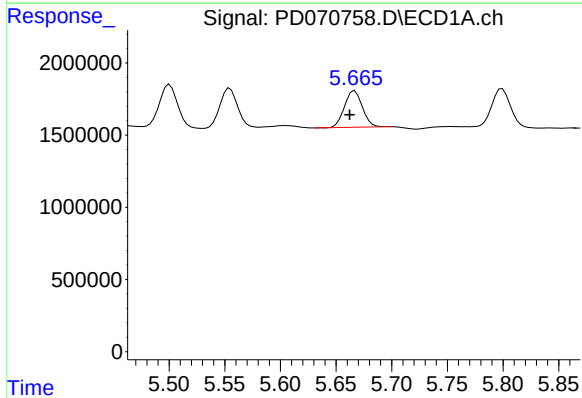
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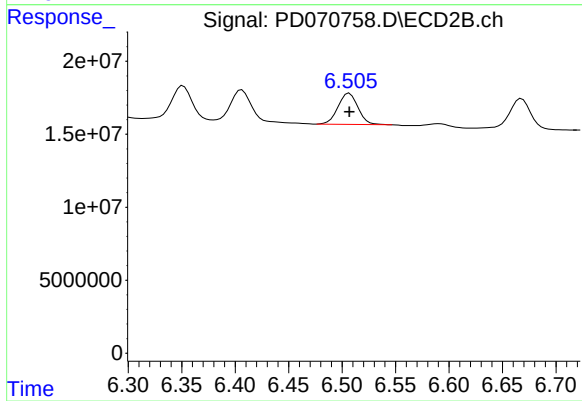
#11 alpha-Chlordane

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 33482608
Conc: 1.52 ng/ml



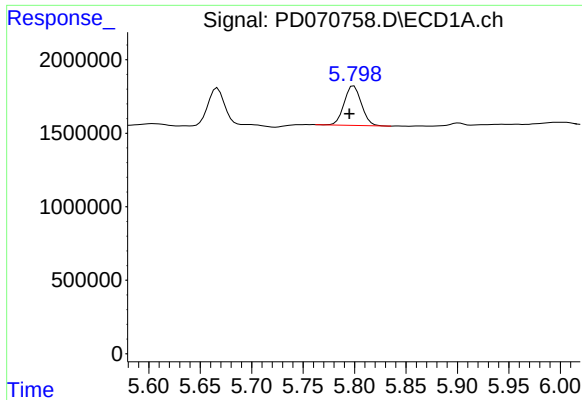
#12 4,4'-DDE

R.T.: 5.667 min
Delta R.T.: 0.005 min
Response: 2831254
Conc: 0.97 ng/ml



#12 4,4'-DDE

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 26478523
Conc: 1.29 ng/ml



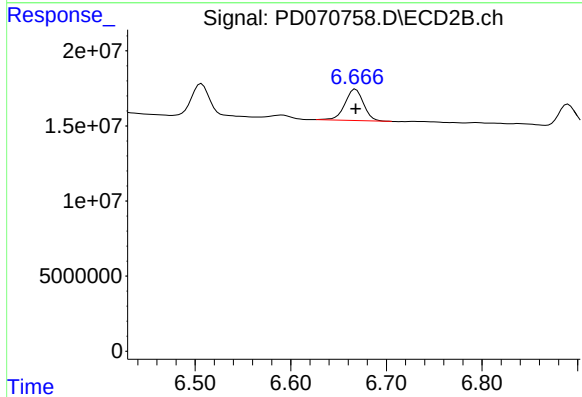
#13 Dieldrin

R.T.: 5.799 min
Delta R.T.: 0.004 min
Response: 3124476
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
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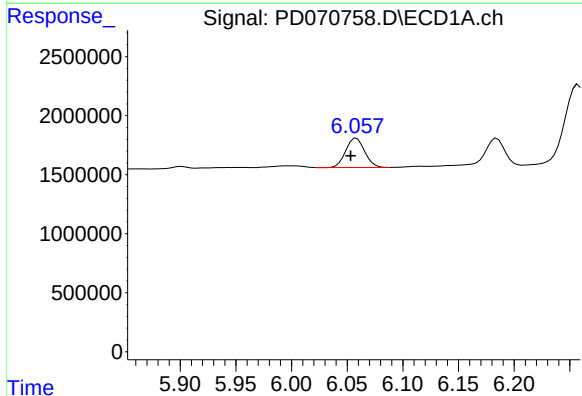
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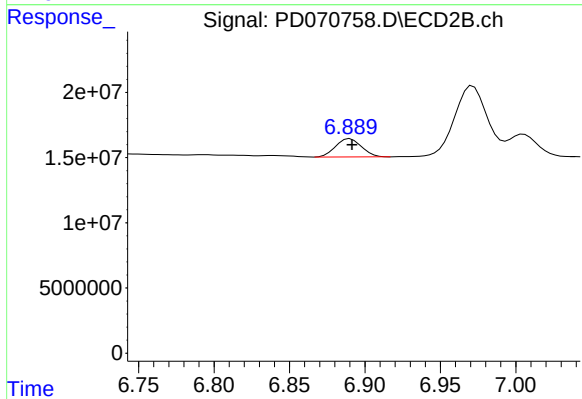
#13 Dieldrin

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 28046454
Conc: 1.38 ng/ml



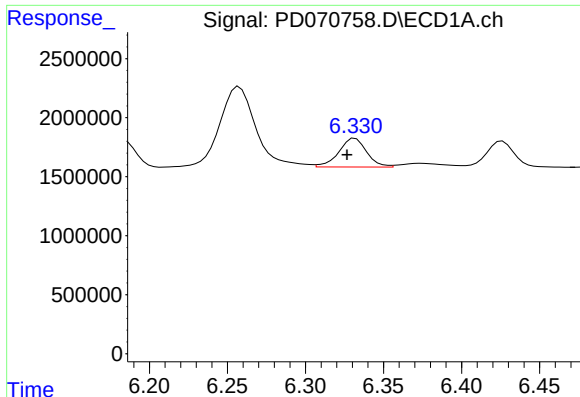
#14 Endrin

R.T.: 6.058 min
Delta R.T.: 0.005 min
Response: 2942991
Conc: 1.09 ng/ml



#14 Endrin

R.T.: 6.890 min
Delta R.T.: -0.001 min
Response: 16798952
Conc: 1.09 ng/ml



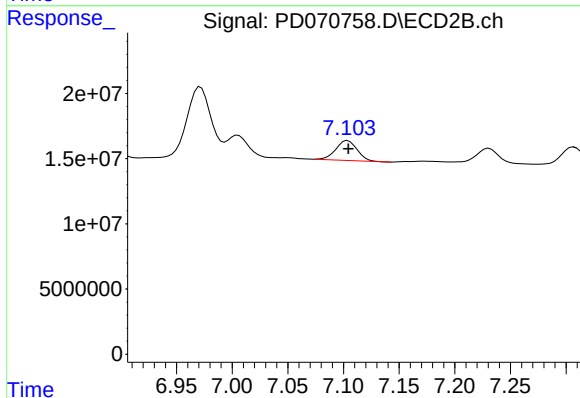
#15 Endosulfan II

R.T.: 6.332 min
Delta R.T.: 0.005 min
Response: 3033081
Conc: 1.28 ng/ml

Instrument :
ECD_D
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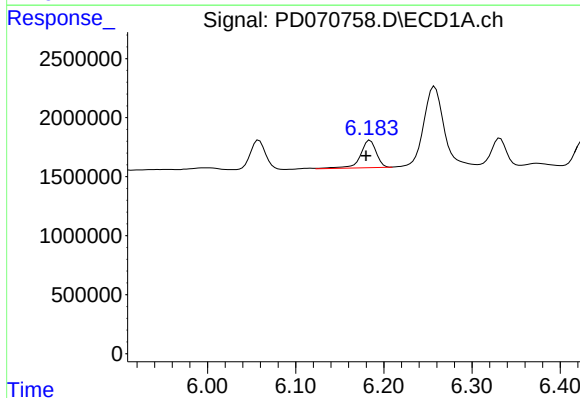
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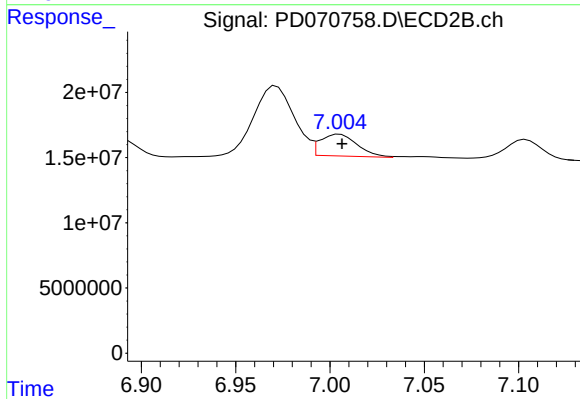
#15 Endosulfan II

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 20353426
Conc: 1.39 ng/ml



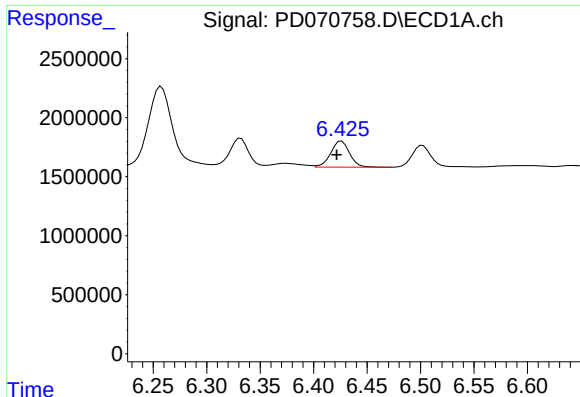
#16 4,4'-DDD

R.T.: 6.185 min
Delta R.T.: 0.005 min
Response: 2903346
Conc: 1.19 ng/ml



#16 4,4'-DDD

R.T.: 7.004 min
Delta R.T.: -0.003 min
Response: 22092847
Conc: 1.56 ng/ml m



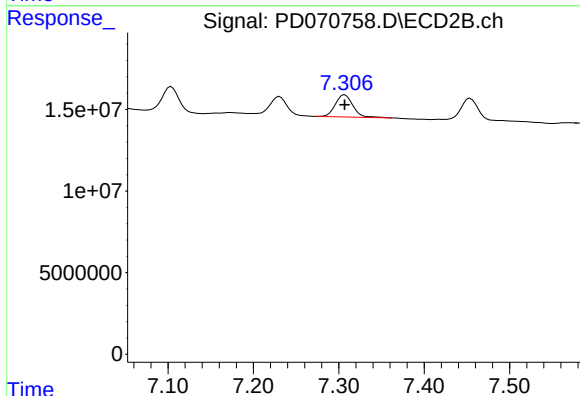
#17 4,4'-DDT

R.T.: 6.426 min
Delta R.T.: 0.004 min
Response: 2720626
Conc: 1.09 ng/ml

Instrument :
ECD_D
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LOD-MDL-SOIL-01-QT2-2022

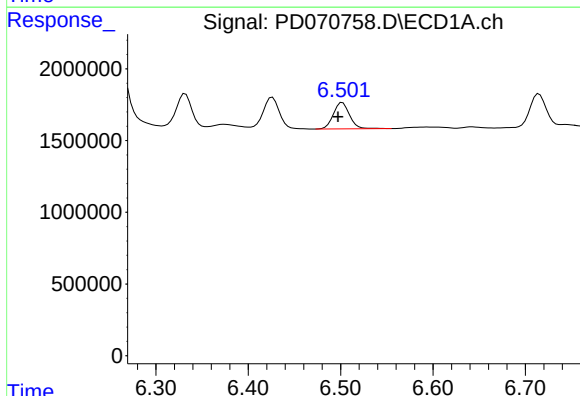
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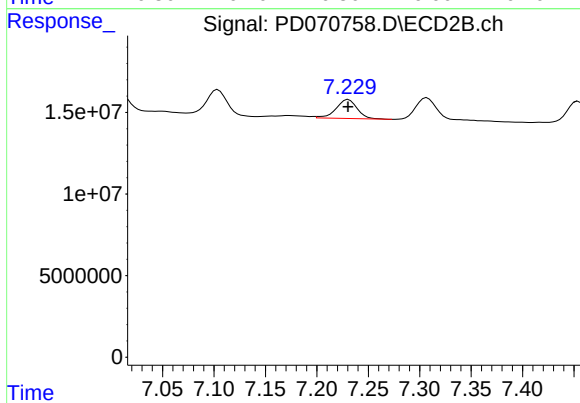
#17 4,4'-DDT

R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 18931158
Conc: 1.24 ng/ml



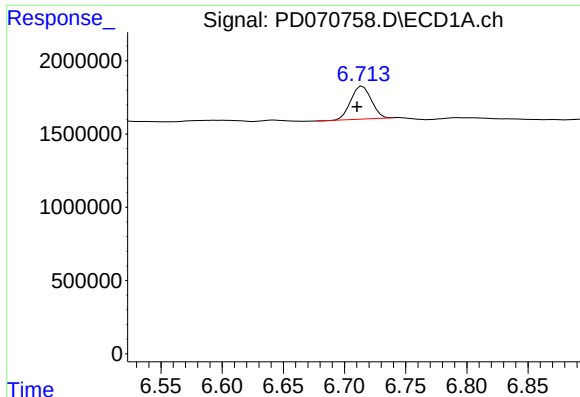
#18 Endrin aldehyde

R.T.: 6.502 min
Delta R.T.: 0.005 min
Response: 2240164
Conc: 1.21 ng/ml



#18 Endrin aldehyde

R.T.: 7.231 min
Delta R.T.: 0.000 min
Response: 16453554
Conc: 1.44 ng/ml



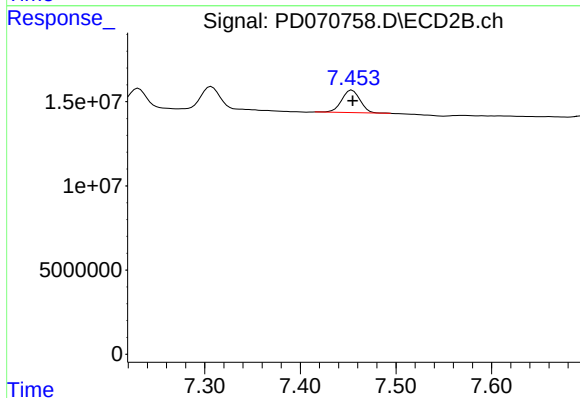
#19 Endosulfan Sulfate

R.T.: 6.715 min
Delta R.T.: 0.004 min
Response: 2599792
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
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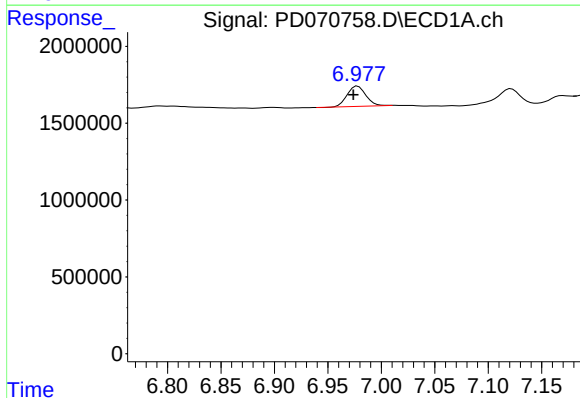
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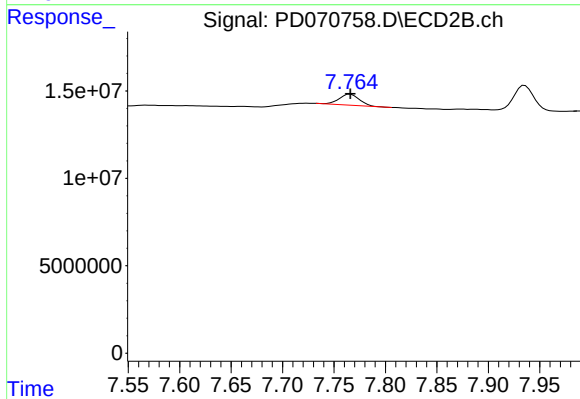
#19 Endosulfan Sulfate

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 17779520
Conc: 1.30 ng/ml



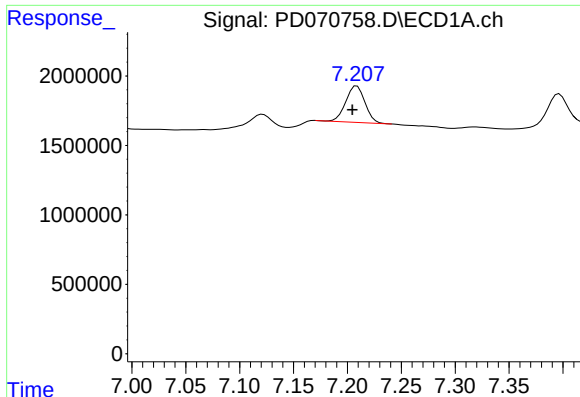
#20 Methoxychlor

R.T.: 6.978 min
Delta R.T.: 0.004 min
Response: 1626568
Conc: 1.14 ng/ml



#20 Methoxychlor

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 8379591
Conc: 1.22 ng/ml



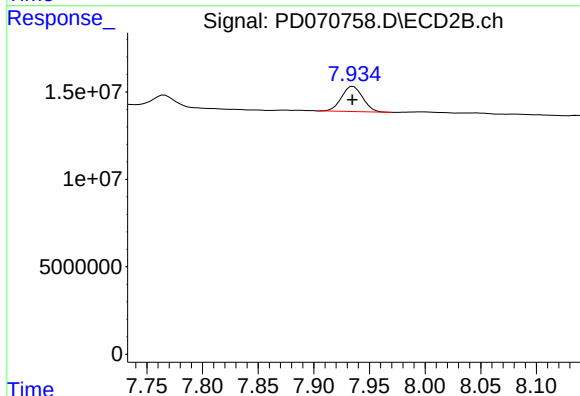
#21 Endrin ketone

R.T.: 7.209 min
Delta R.T.: 0.004 min
Response: 3237049
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

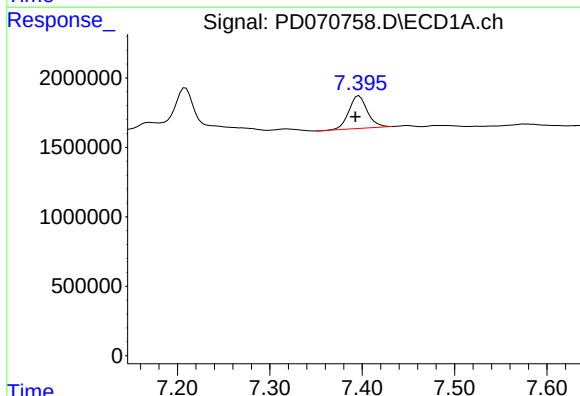
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2022
Supervised By :Ankita Jodhani 07/08/2022



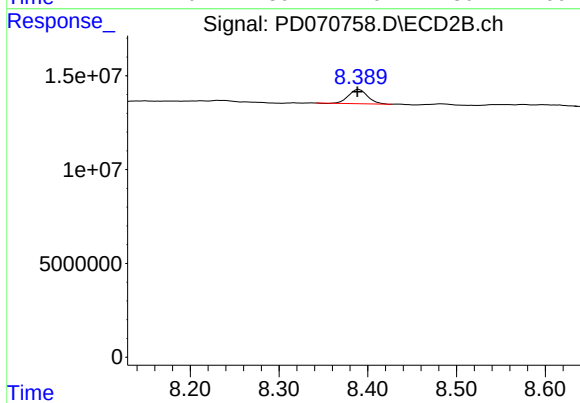
#21 Endrin ketone

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 18938914
Conc: 1.48 ng/ml



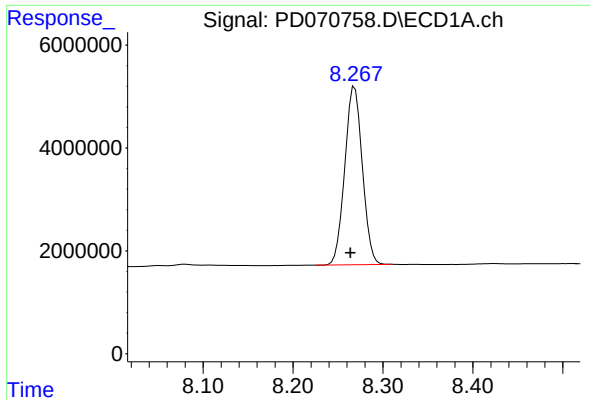
#22 Mirex

R.T.: 7.397 min
Delta R.T.: 0.004 min
Response: 3261000
Conc: 1.49 ng/ml



#22 Mirex

R.T.: 8.390 min
Delta R.T.: 0.002 min
Response: 11305785
Conc: 1.42 ng/ml



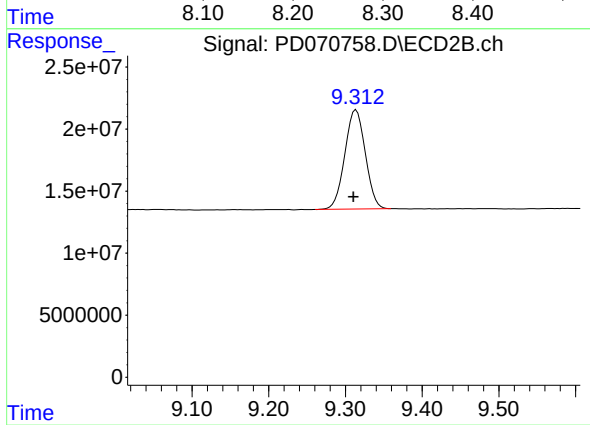
#28 Decachlorobiphenyl

R.T.: 8.269 min
Delta R.T.: 0.005 min
Response: 46933866
Conc: 18.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 9.314 min
Delta R.T.: 0.003 min
Response: 149143821
Conc: 18.13 ng/ml