

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
 Data File : PD070760.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 12:08
 Operator : AR\AJ
 Sample : N3214-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 9 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 15:28:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 07 15:26:38 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...	3.491	4.123	45334946	541.1E6	18.570	20.924
28)	SA Decachlor...	8.270	9.314	50631196	169.9E6	20.419	20.656
Target Compounds							
2)	A alpha-BHC	3.934	4.526	7273245	114.2E6	2.071	3.107m#
3)	MA gamma-BHC...	4.219	4.819	9681871	119.4E6	2.845	3.674m#
4)	MA Heptachlor	4.521	5.336	8848535	112.7E6	2.624	3.639 #
5)	MB Aldrin	4.770	5.648	9021010	96284361	2.733	3.415
6)	B beta-BHC	4.469	4.996	3946282	45846737	2.704	2.879
7)	B delta-BHC	4.675	5.220	7897584	96495653	2.414	3.373 #
8)	B Heptachlo...	5.216	6.041	8591040	93189152	2.851	4.095m#
9)	A Endosulfan I	5.557	6.407	7743447	74769979	2.766	3.651 #
10)	B gamma-Chl...	5.443	6.279	8874104	85533044	2.861	3.751 #
11)	B alpha-Chl...	5.503	6.352	8712125	81652094	2.864	3.707 #
12)	B 4,4'-DDE	5.669	6.507	7498310	68140696	2.579	3.332 #
13)	MA Dieldrin	5.802	6.668	8055850	71627981	2.678	3.534 #
14)	MA Endrin	6.060	6.891	7317122	45255240	2.722	2.940
15)	B Endosulfa...	6.334	7.105	7228327	51324567	3.045	3.496
16)	A 4,4'-DDD	6.187	7.005	6692915	53402398	2.743	3.773m#
17)	MA 4,4'-DDT	6.428	7.308	6857430	48793872	2.747	3.202
18)	B Endrin al...	6.504	7.231	5851400	41497090	3.148	3.624
19)	B Endosulfa...	6.716	7.455	7285396	47335439	2.999	3.449
20)	A Methoxychlor	6.979	7.767	4390435	22258876	3.072	3.246
21)	B Endrin ke...	7.211	7.936	8299253	51068227	3.120	3.980 #
22)	Mirex	7.398	8.390	8067604	29216896	3.686	3.659

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
 Data File : PD070760.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 12:08
 Operator : AR\AJ
 Sample : N3214-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 9 Sample Multiplier: 1

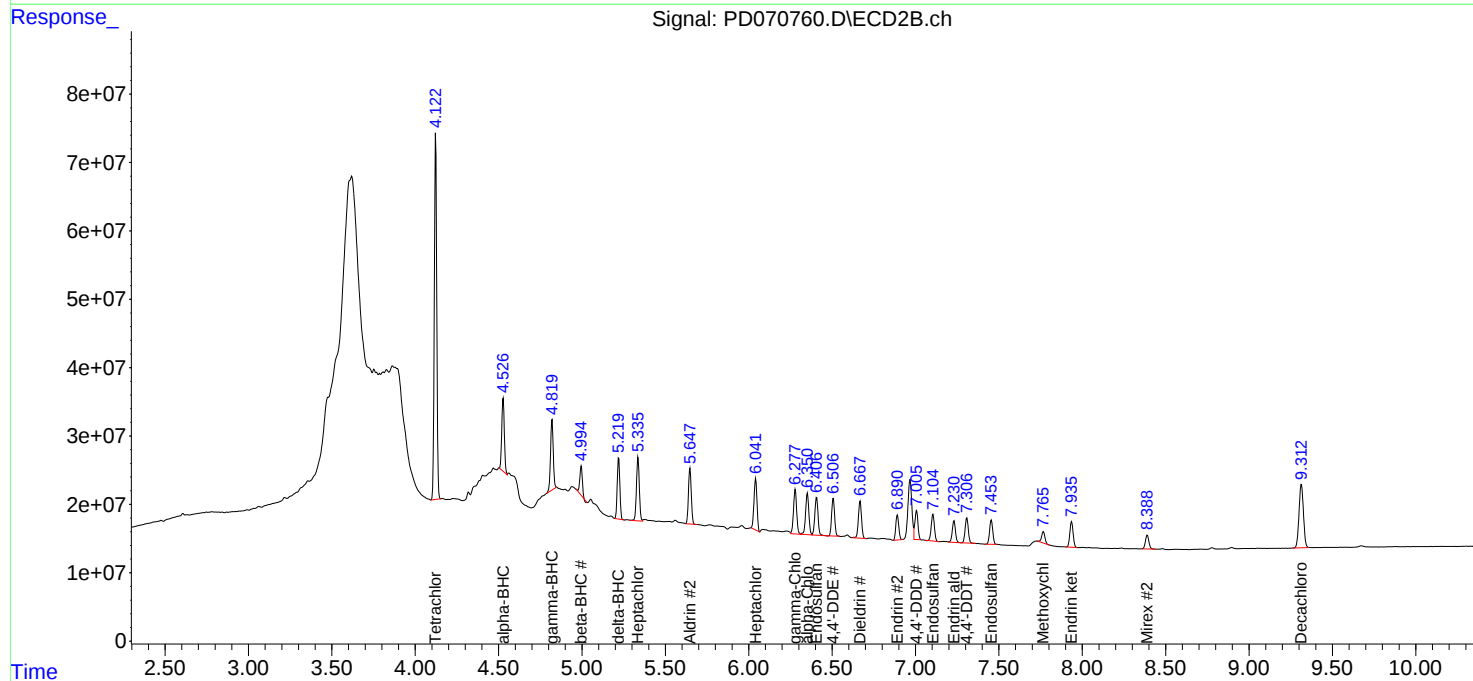
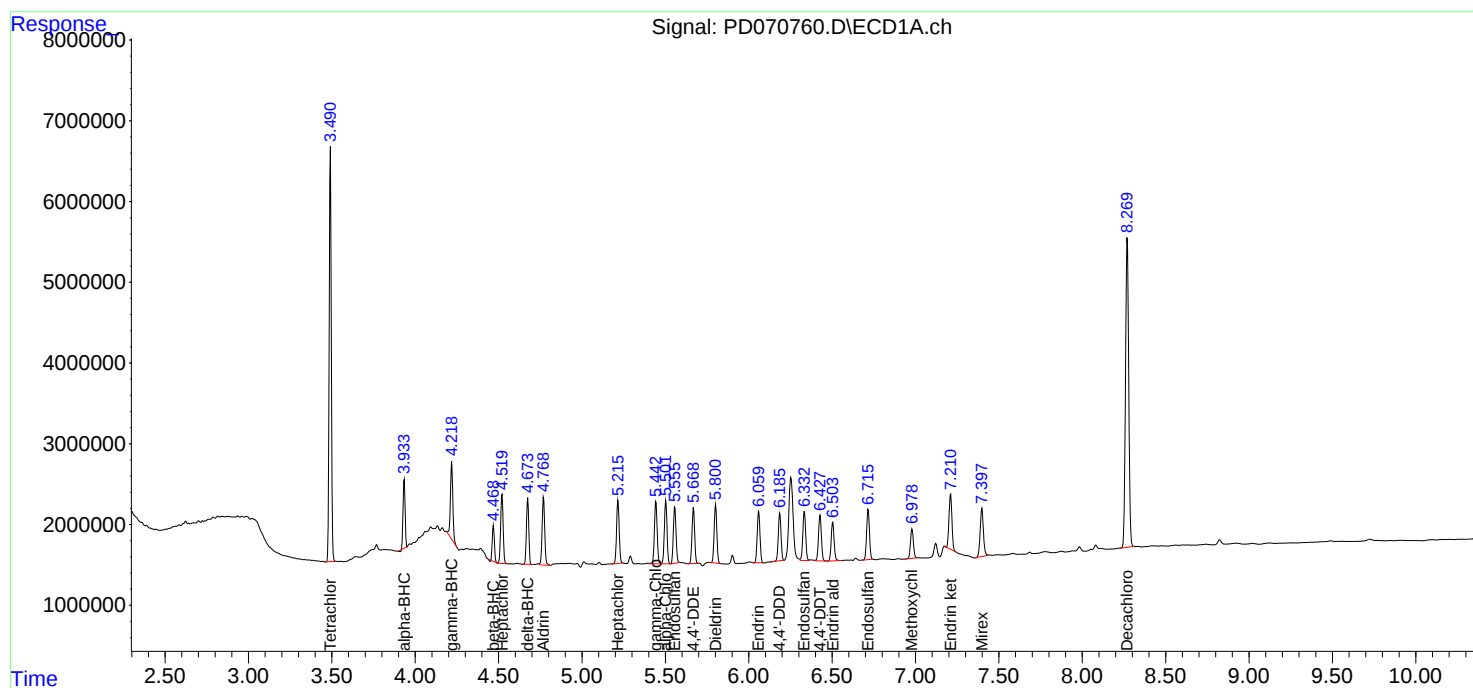
Instrument :
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 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

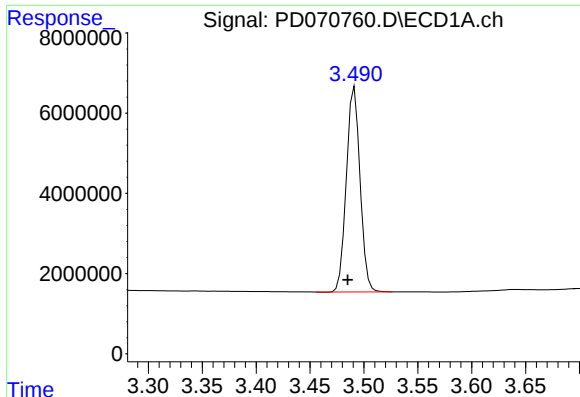
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 15:28:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 07 15:26:38 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





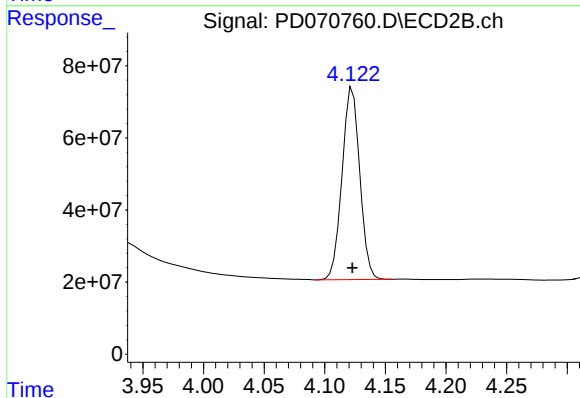
#1 Tetrachloro-m-xylene

R.T.: 3.491 min
Delta R.T.: 0.006 min
Response: 45334946
Conc: 18.57 ng/ml

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

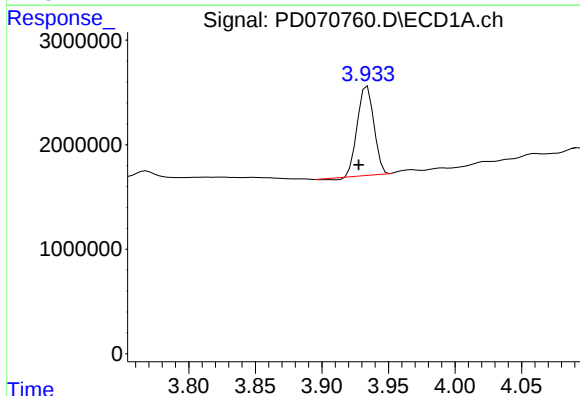
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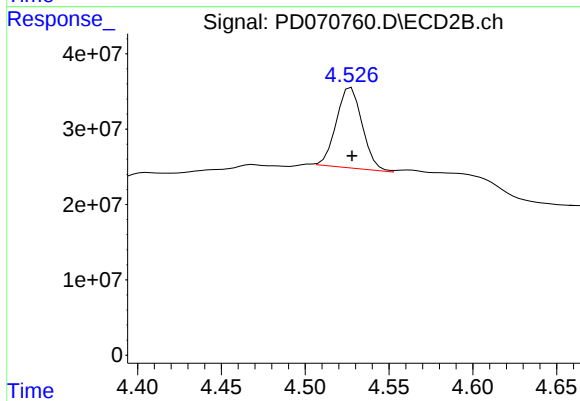
#1 Tetrachloro-m-xylene

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 541108630
Conc: 20.92 ng/ml



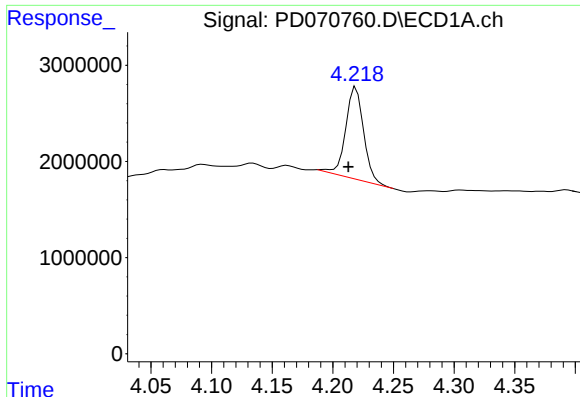
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.006 min
Response: 7273245
Conc: 2.07 ng/ml



#2 alpha-BHC

R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 114174109
Conc: 3.11 ng/ml m



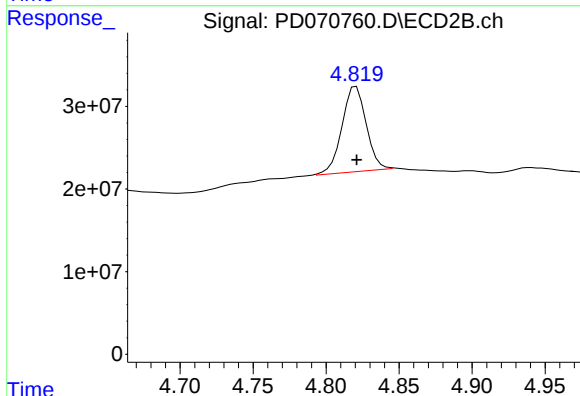
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.006 min
Response: 9681871
Conc: 2.85 ng/ml

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

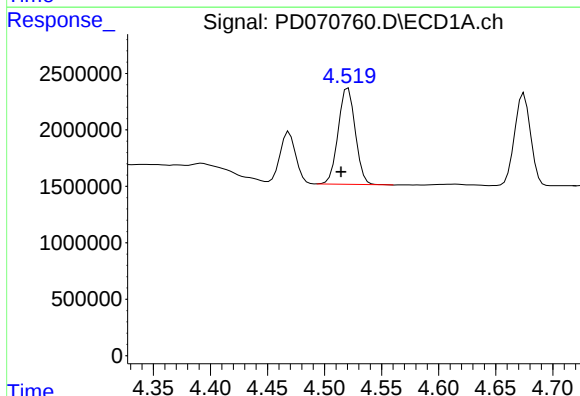
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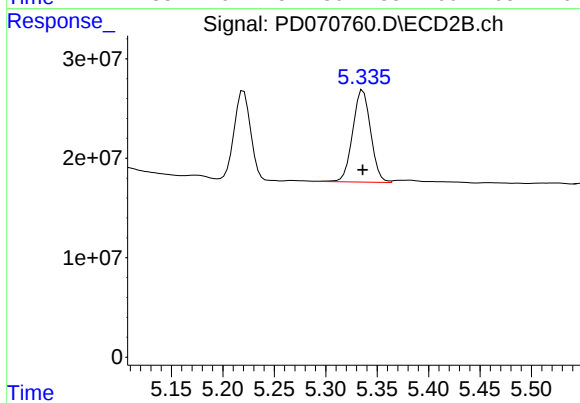
#3 gamma-BHC (Lindane)

R.T.: 4.819 min
Delta R.T.: -0.002 min
Response: 119360555
Conc: 3.67 ng/ml m



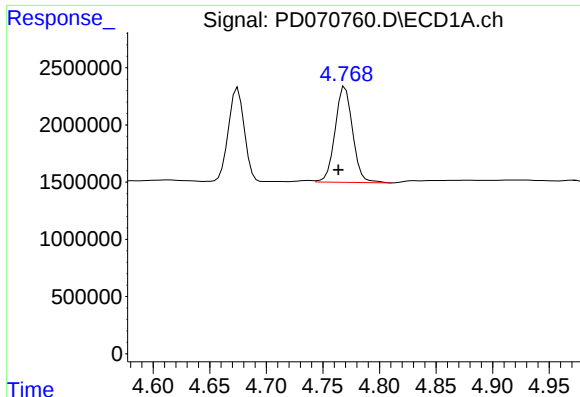
#4 Heptachlor

R.T.: 4.521 min
Delta R.T.: 0.006 min
Response: 8848535
Conc: 2.62 ng/ml



#4 Heptachlor

R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 112738426
Conc: 3.64 ng/ml



#5 Aldrin

R.T.: 4.770 min
Delta R.T.: 0.006 min
Response: 9021010
Conc: 2.73 ng/ml

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#5 Aldrin

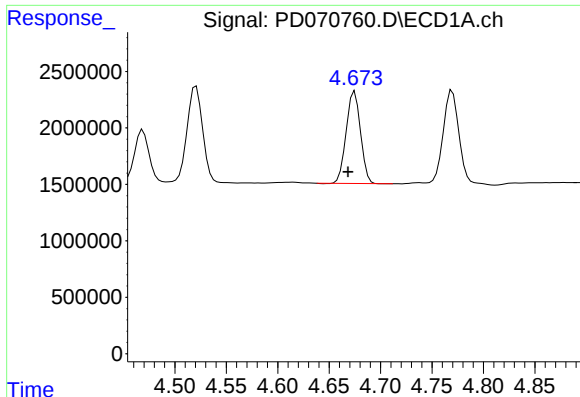
R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 96284361
Conc: 3.42 ng/ml

#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.006 min
Response: 3946282
Conc: 2.70 ng/ml

#6 beta-BHC

R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 45846737
Conc: 2.88 ng/ml



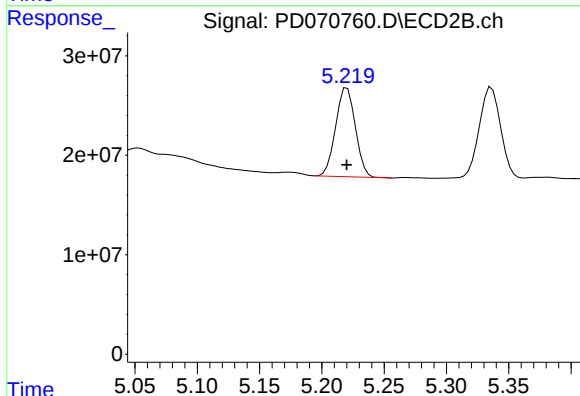
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.006 min
Response: 7897584
Conc: 2.41 ng/ml

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

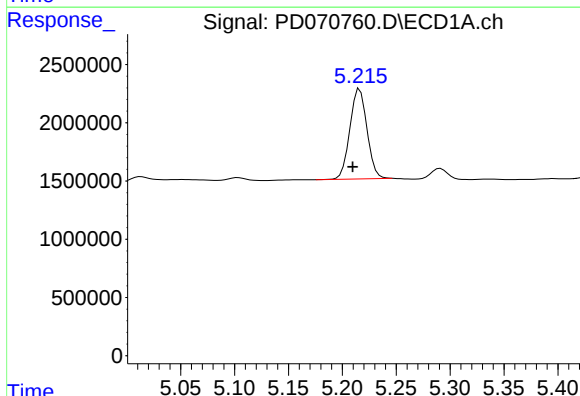
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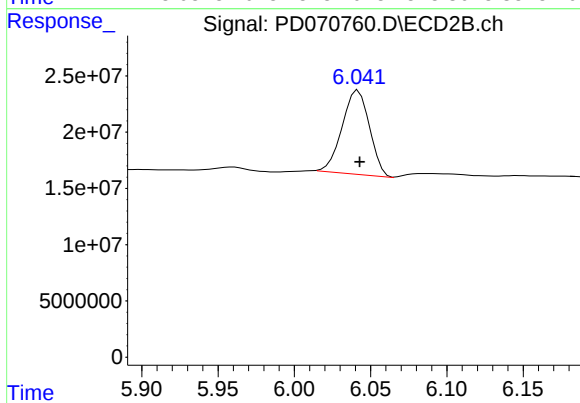
#7 delta-BHC

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 96495653
Conc: 3.37 ng/ml



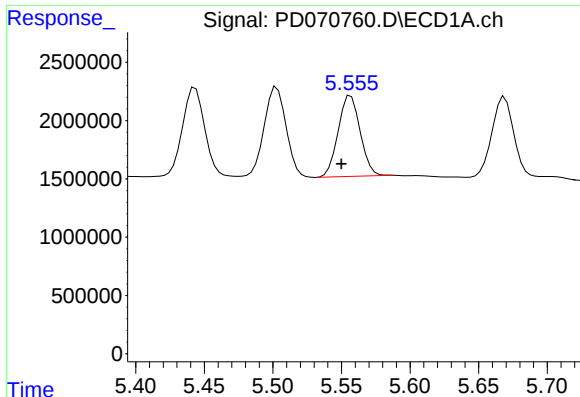
#8 Heptachlor epoxide

R.T.: 5.216 min
Delta R.T.: 0.007 min
Response: 8591040
Conc: 2.85 ng/ml



#8 Heptachlor epoxide

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 93189152
Conc: 4.10 ng/ml m



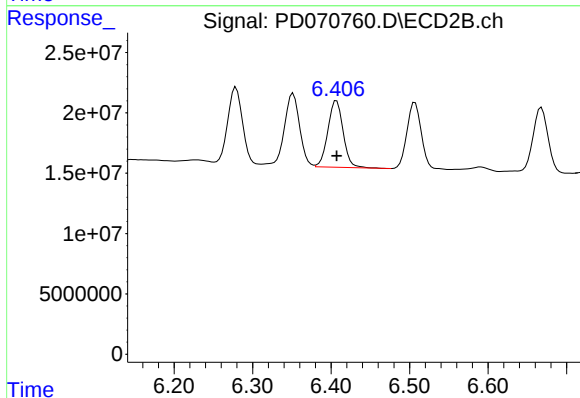
#9 Endosulfan I

R.T.: 5.557 min
Delta R.T.: 0.007 min
Response: 7743447
Conc: 2.77 ng/ml

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

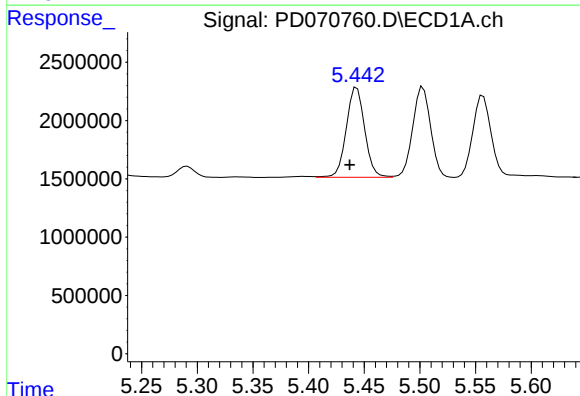
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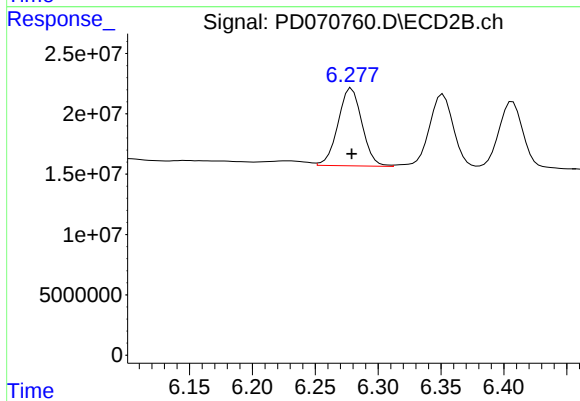
#9 Endosulfan I

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 74769979
Conc: 3.65 ng/ml



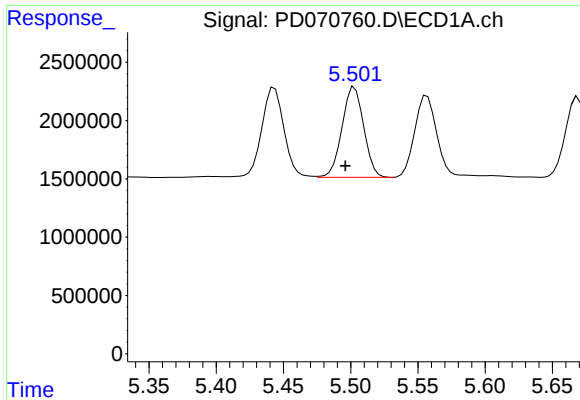
#10 gamma-Chlordane

R.T.: 5.443 min
Delta R.T.: 0.006 min
Response: 8874104
Conc: 2.86 ng/ml



#10 gamma-Chlordane

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 85533044
Conc: 3.75 ng/ml



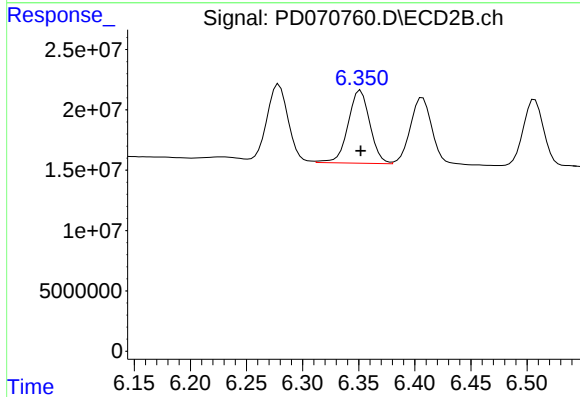
#11 alpha-Chlordane

R.T.: 5.503 min
Delta R.T.: 0.007 min
Response: 8712125
Conc: 2.86 ng/ml

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

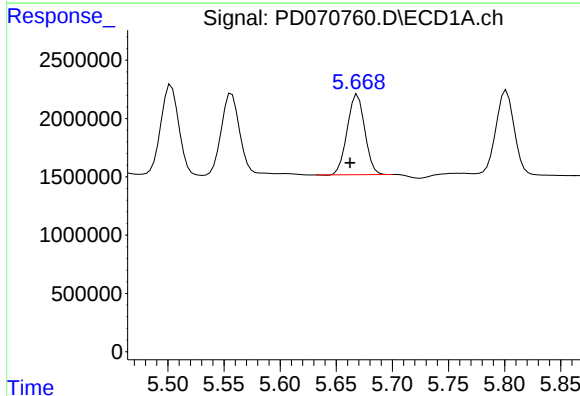
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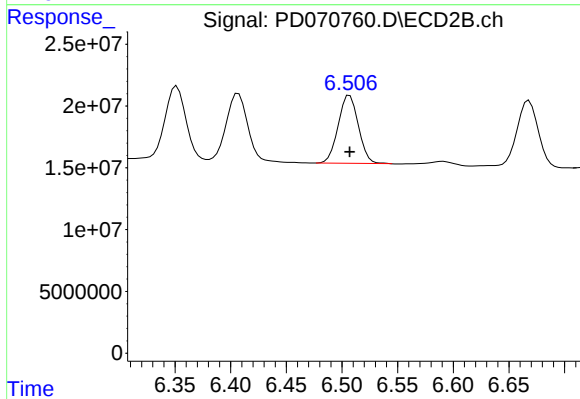
#11 alpha-Chlordane

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 81652094
Conc: 3.71 ng/ml



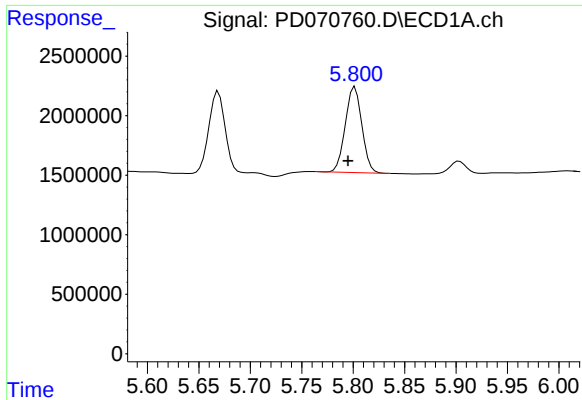
#12 4,4'-DDE

R.T.: 5.669 min
Delta R.T.: 0.007 min
Response: 7498310
Conc: 2.58 ng/ml



#12 4,4'-DDE

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 68140696
Conc: 3.33 ng/ml



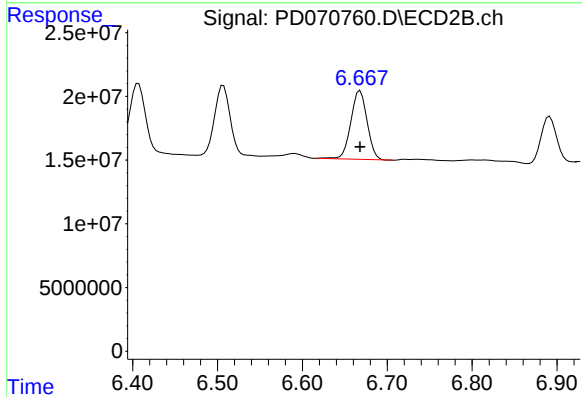
#13 Dieldrin

R.T.: 5.802 min
Delta R.T.: 0.007 min
Response: 8055850
Conc: 2.68 ng/ml

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

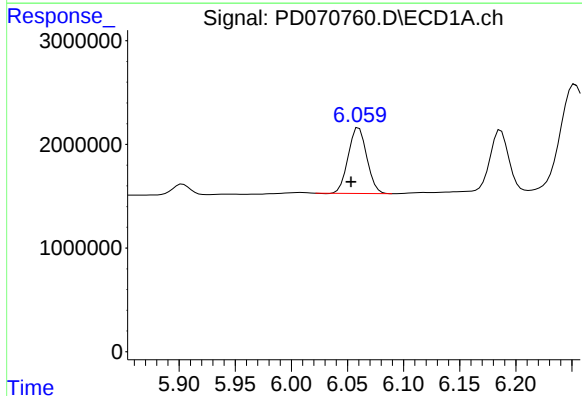
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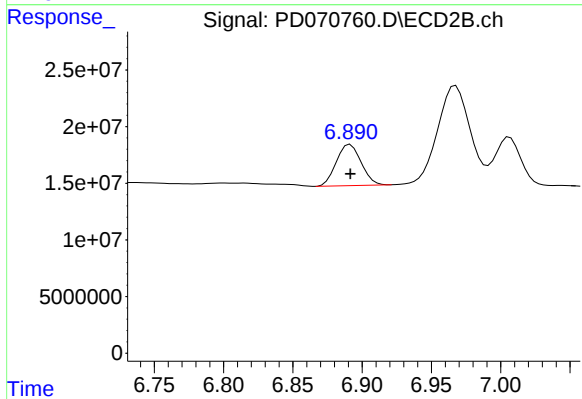
#13 Dieldrin

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 71627981
Conc: 3.53 ng/ml



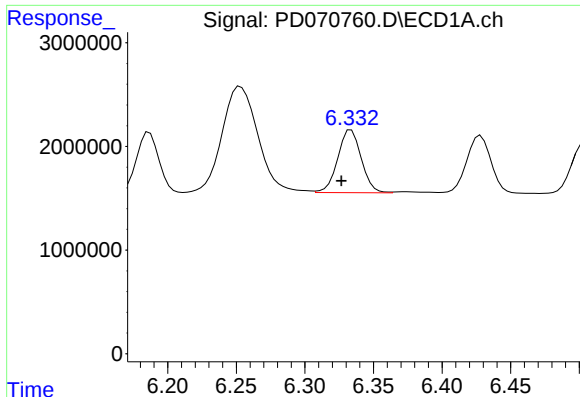
#14 Endrin

R.T.: 6.060 min
Delta R.T.: 0.007 min
Response: 7317122
Conc: 2.72 ng/ml



#14 Endrin

R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 45255240
Conc: 2.94 ng/ml



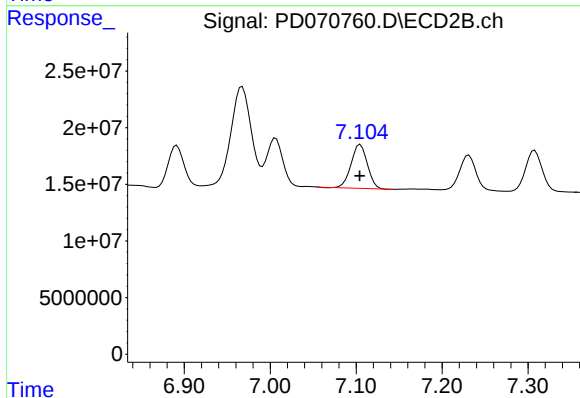
#15 Endosulfan II

R.T.: 6.334 min
Delta R.T.: 0.007 min
Response: 7228327
Conc: 3.04 ng/ml

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

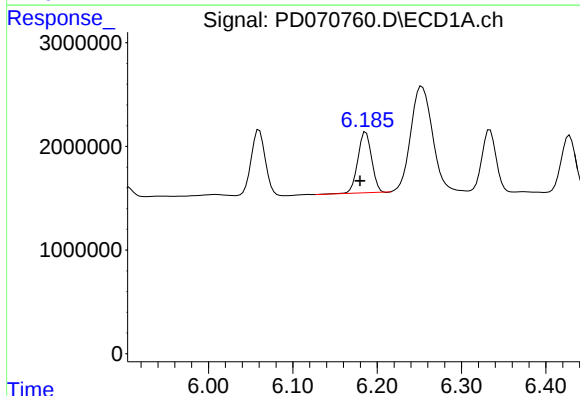
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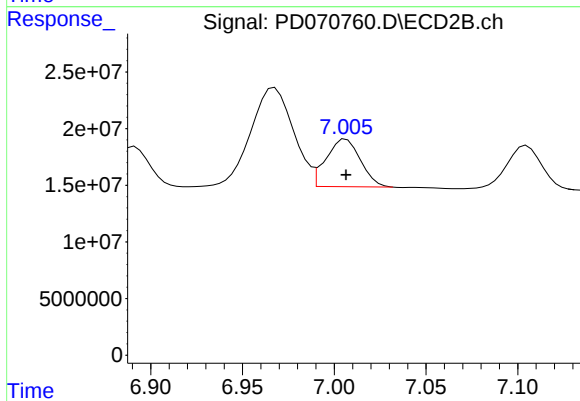
#15 Endosulfan II

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 51324567
Conc: 3.50 ng/ml



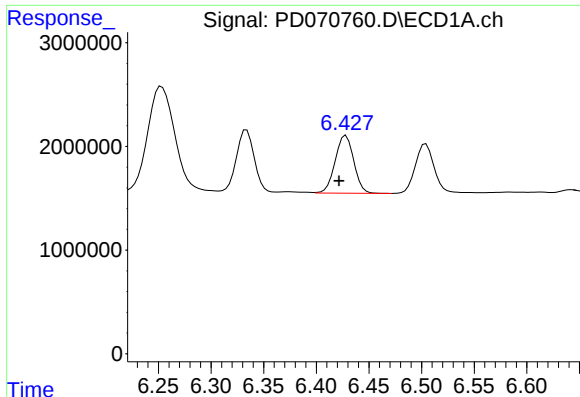
#16 4,4'-DDD

R.T.: 6.187 min
Delta R.T.: 0.007 min
Response: 6692915
Conc: 2.74 ng/ml



#16 4,4'-DDD

R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 53402398
Conc: 3.77 ng/ml m



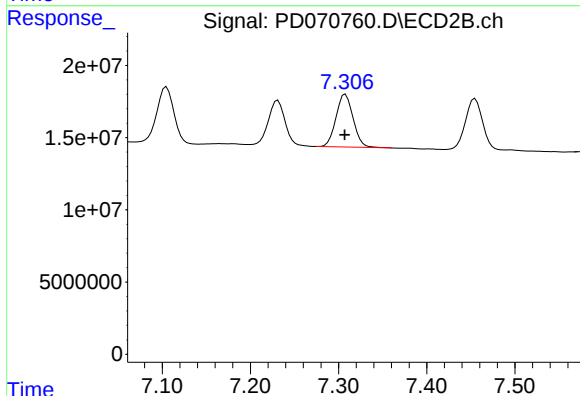
#17 4,4'-DDT

R.T.: 6.428 min
Delta R.T.: 0.006 min
Response: 6857430
Conc: 2.75 ng/ml

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ECD_D
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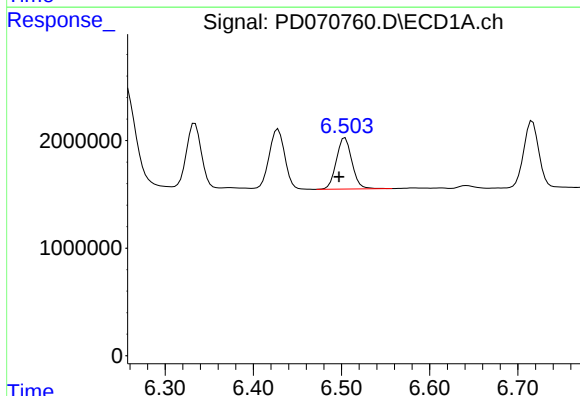
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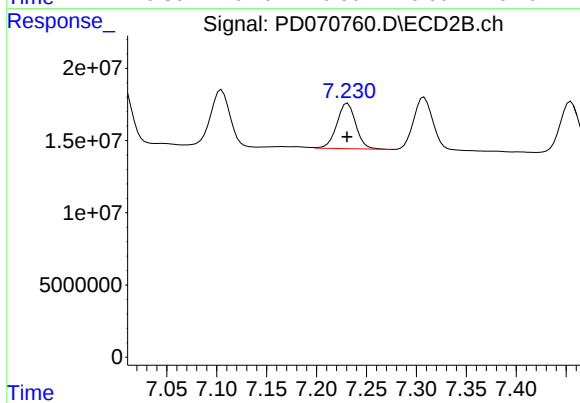
#17 4,4'-DDT

R.T.: 7.308 min
Delta R.T.: 0.001 min
Response: 48793872
Conc: 3.20 ng/ml



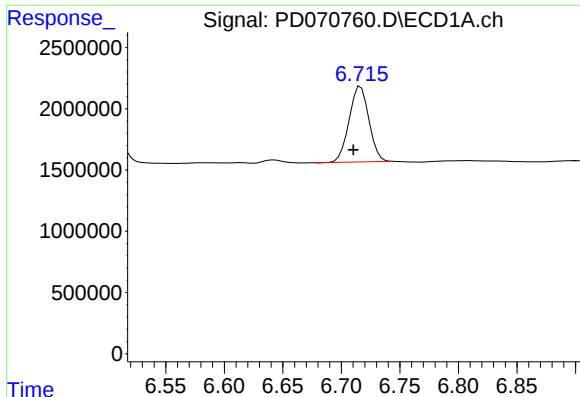
#18 Endrin aldehyde

R.T.: 6.504 min
Delta R.T.: 0.007 min
Response: 5851400
Conc: 3.15 ng/ml



#18 Endrin aldehyde

R.T.: 7.231 min
Delta R.T.: 0.000 min
Response: 41497090
Conc: 3.62 ng/ml



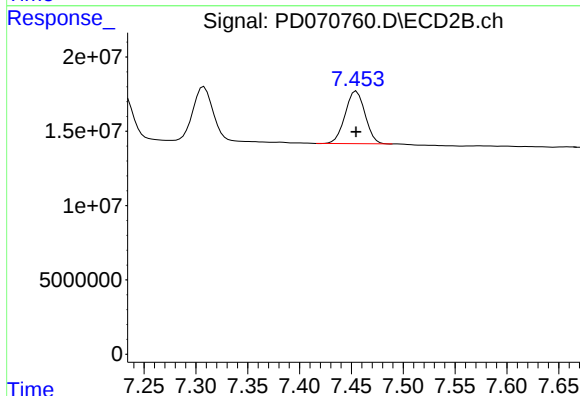
#19 Endosulfan Sulfate

R.T.: 6.716 min
Delta R.T.: 0.006 min
Response: 7285396
Conc: 3.00 ng/ml

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

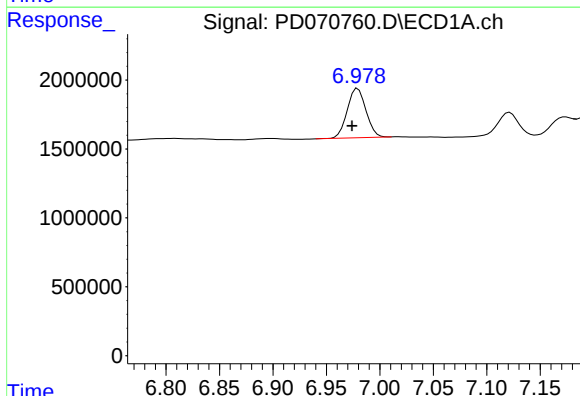
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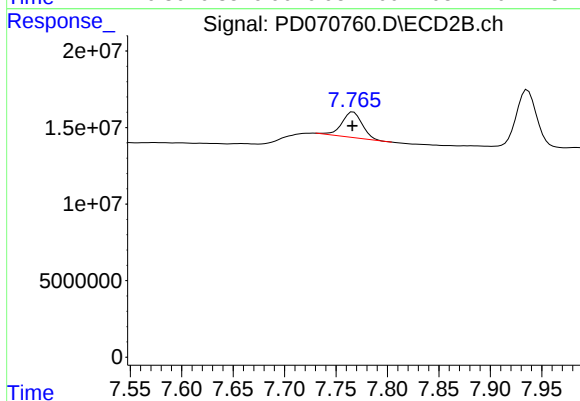
#19 Endosulfan Sulfate

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 47335439
Conc: 3.45 ng/ml



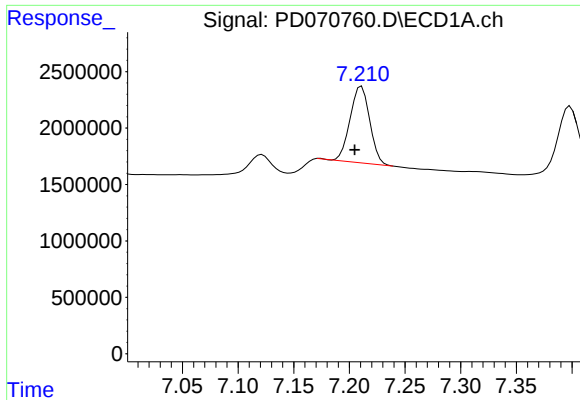
#20 Methoxychlor

R.T.: 6.979 min
Delta R.T.: 0.005 min
Response: 4390435
Conc: 3.07 ng/ml



#20 Methoxychlor

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 22258876
Conc: 3.25 ng/ml



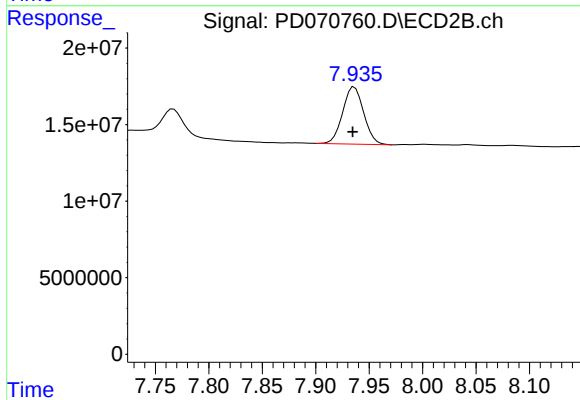
#21 Endrin ketone

R.T.: 7.211 min
Delta R.T.: 0.006 min
Response: 8299253
Conc: 3.12 ng/ml

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

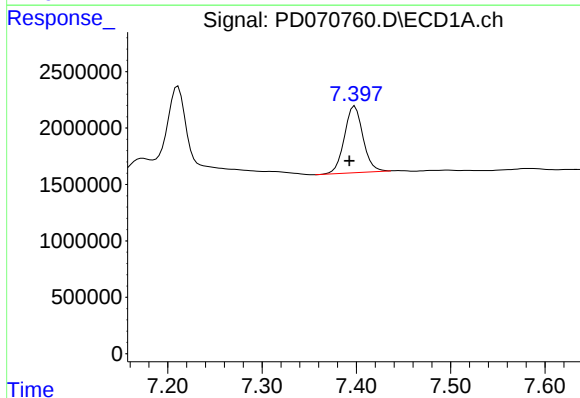
Manual Integrations
APPROVED

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



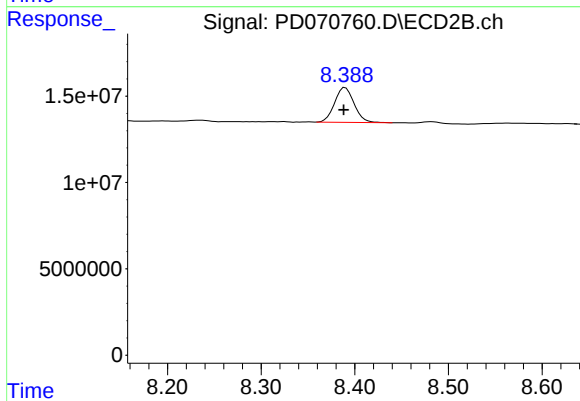
#21 Endrin ketone

R.T.: 7.936 min
Delta R.T.: 0.002 min
Response: 51068227
Conc: 3.98 ng/ml



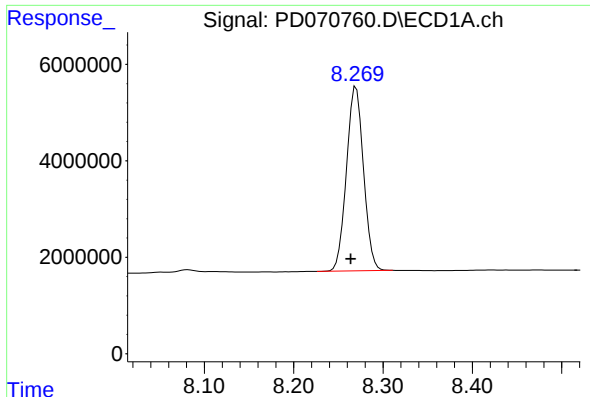
#22 Mirex

R.T.: 7.398 min
Delta R.T.: 0.006 min
Response: 8067604
Conc: 3.69 ng/ml



#22 Mirex

R.T.: 8.390 min
Delta R.T.: 0.002 min
Response: 29216896
Conc: 3.66 ng/ml



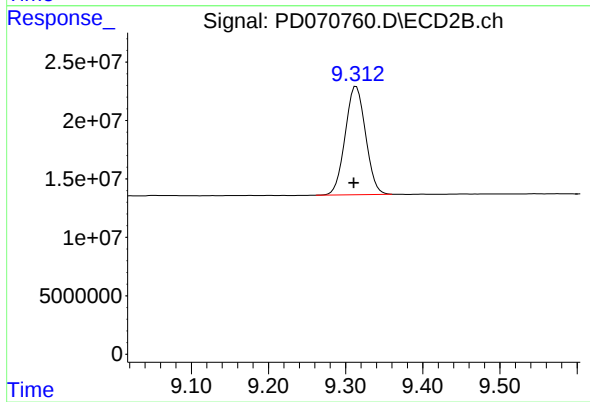
#28 Decachlorobiphenyl

R.T.: 8.270 min
Delta R.T.: 0.006 min
Response: 50631196
Conc: 20.42 ng/ml

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

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.314 min
Delta R.T.: 0.003 min
Response: 169930850
Conc: 20.66 ng/ml