

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103021\
 Data File : PD066626.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2021 09:50
 Operator : AR\AJ
 Sample : M4068-01
 Misc : LOD 1 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/01/2021
 Supervised By :mohammad ahmed 11/10/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:50:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 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...	3.440	3.969	38025222	176.7E6	20.380	21.838
28) SA Decachlor...	8.166	9.024	24460201	115.6E6	21.170	21.460
Target Compounds						
2) A alpha-BHC	3.876	4.363	3654258	16646471	1.195	1.509 #
3) MA gamma-BHC...	4.157	4.647	3601730	13701000	1.193m	1.375
4) MA Heptachlor	4.451	5.147	3110335	14600051	1.048	1.489 #
5) MB Aldrin	4.697	5.450	2958414	12778137	1.027	1.408 #
6) B beta-BHC	4.407	4.825	1648545	8358798	1.320	1.795 #
7) B delta-BHC	4.608	5.038	2668969	13702043	0.993	1.499m#
8) B Heptachlo...	5.138	5.839	2911007	9153324	1.125	1.263
9) A Endosulfan I	5.474	6.196	2628845	11475616	1.107	1.455 #
10) B gamma-Chl...	5.361	6.073	2834843	11349810	1.088	1.360 #
11) B alpha-Chl...	5.420	6.144	2890693	12035274	1.126	1.451 #
12) B 4,4'-DDE	5.584	6.305	2359652	11112014	1.013	1.410 #
13) MA Dieldrin	5.716	6.454	2779017	12120584	1.111	1.461 #
14) MA Endrin	5.973	6.673	2276578	8295473	1.088	1.205
15) B Endosulfa...	6.244	6.885	2461576	10098121	1.238m	1.430m
16) A 4,4'-DDD	6.097	6.797	1763984	9715000	0.941m	1.430m#
17) MA 4,4'-DDT	6.337	7.096	1740958	9062107	0.905	1.249 #
18) B Endrin al...	6.415	7.012	2183134	8931306	1.412	1.570
19) B Endosulfa...	6.627	7.235	2153375	10802886	1.157	1.489 #
20) A Methoxychlor	6.885	7.558	1256571	6041729	1.217m	1.483
21) B Endrin ke...	7.118	7.706	3239857	13682710	1.485	1.627m
22) Mirex	7.299	8.155	2065223	10029809	1.328	1.696 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103021\
 Data File : PD066626.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2021 09:50
 Operator : AR\AJ
 Sample : M4068-01
 Misc : LOD 1 PPB
 ALS Vial : 6 Sample Multiplier: 1

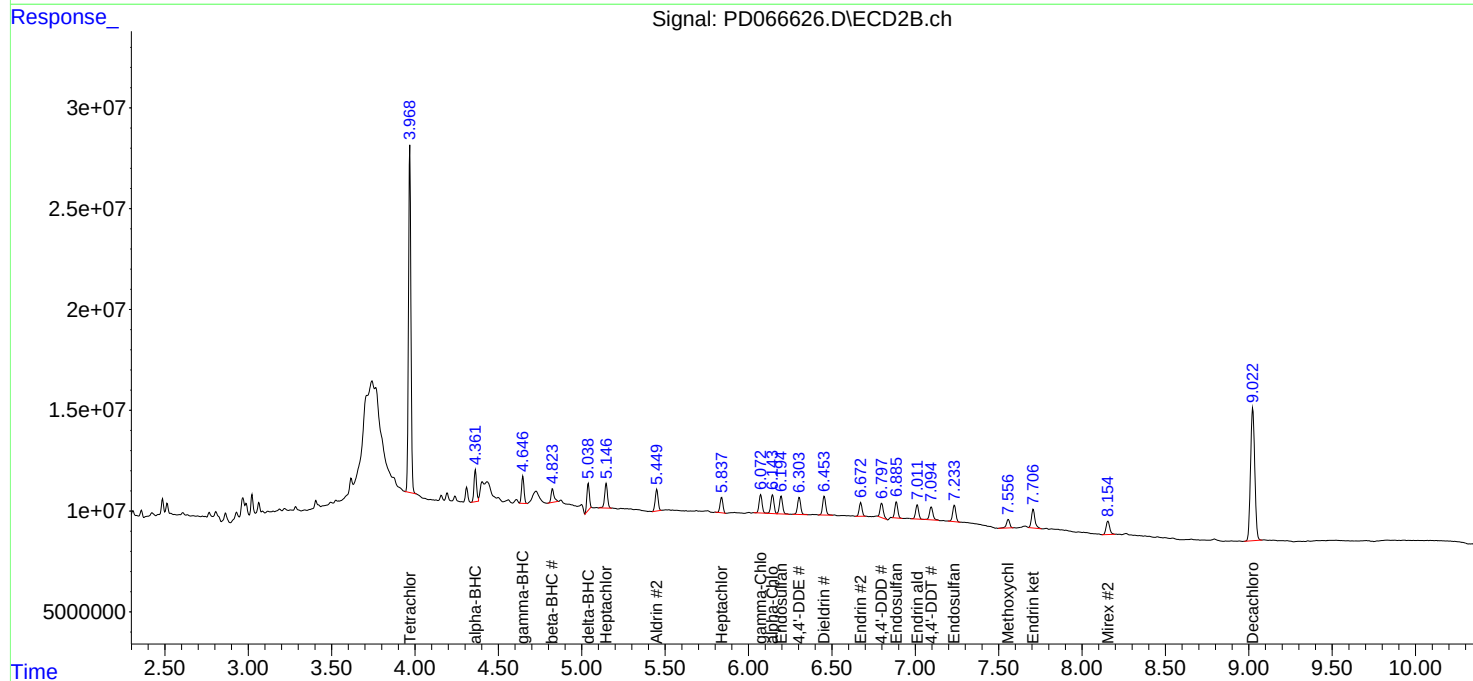
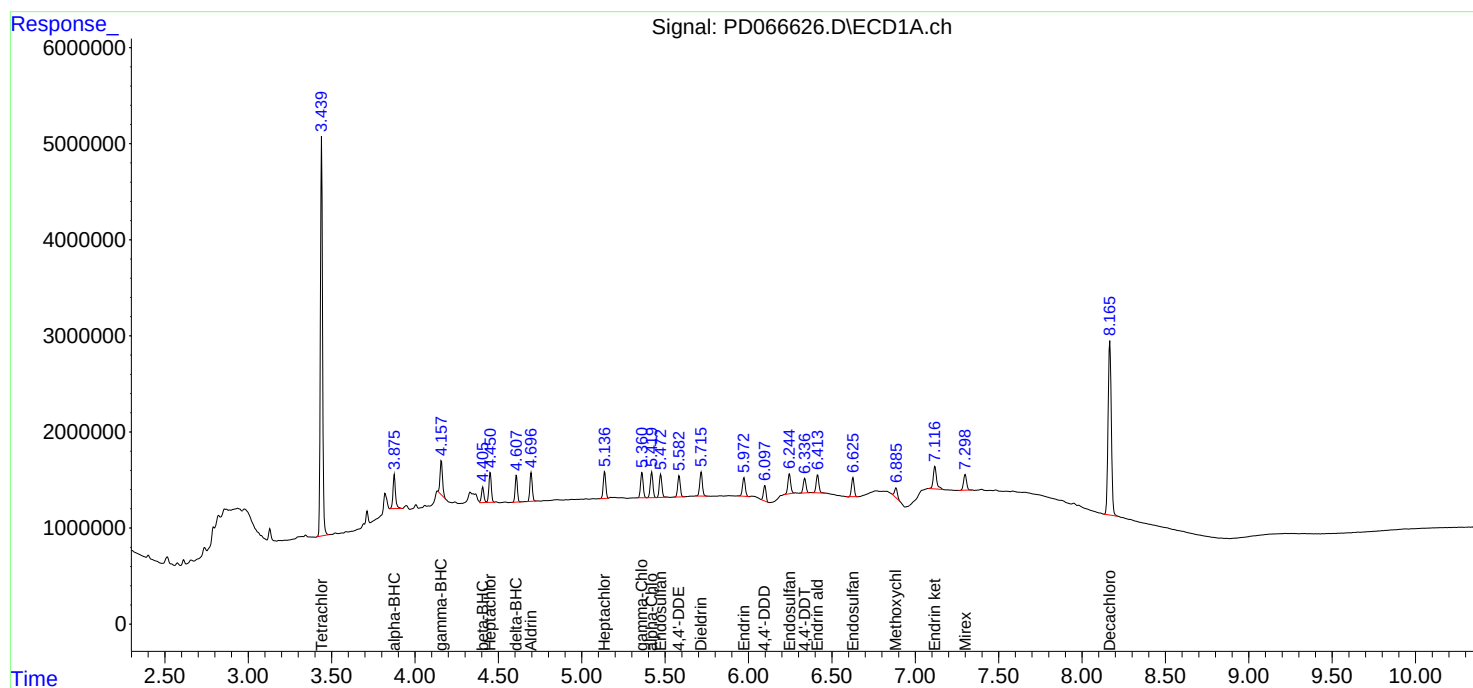
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

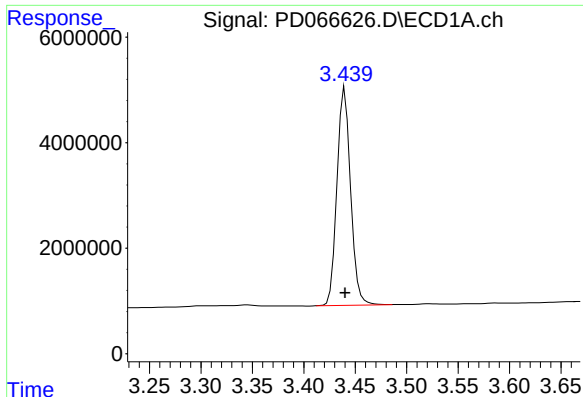
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 11/10/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:50:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





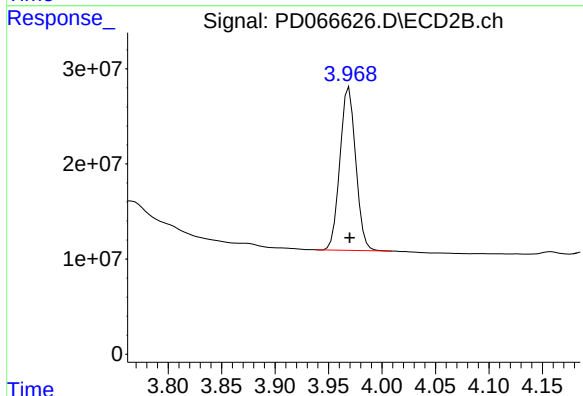
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 38025222
Conc: 20.38 ng/ml

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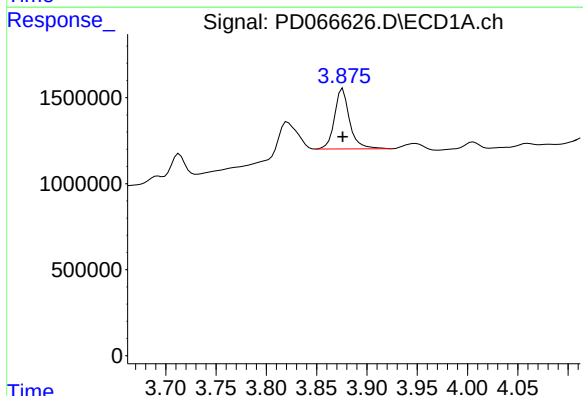
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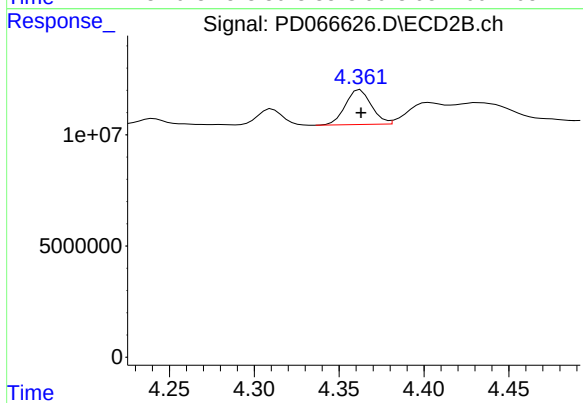
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 176712676
Conc: 21.84 ng/ml



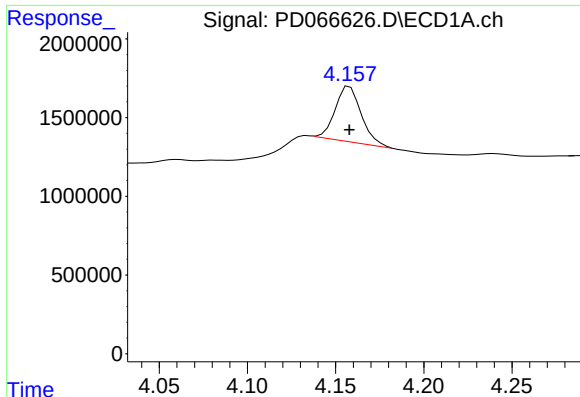
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 3654258
Conc: 1.20 ng/ml



#2 alpha-BHC

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 16646471
Conc: 1.51 ng/ml



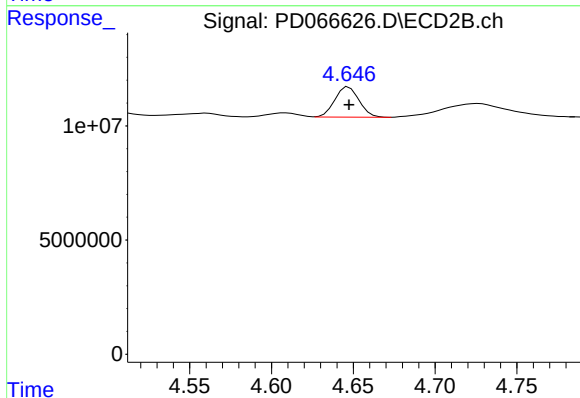
#3 gamma-BHC (Lindane)

R.T.: 4.157 min
Delta R.T.: -0.001 min
Response: 3601730
Conc: 1.19 ng/ml

Instrument :
ECD_D
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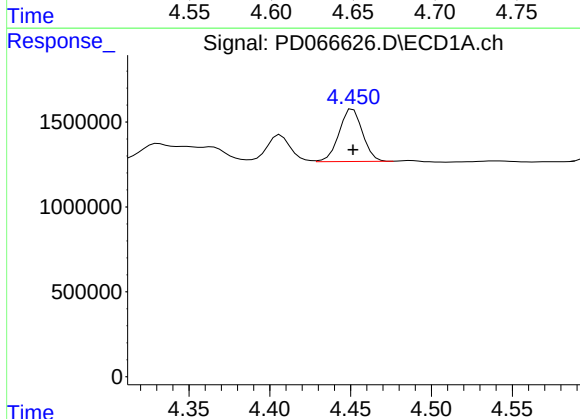
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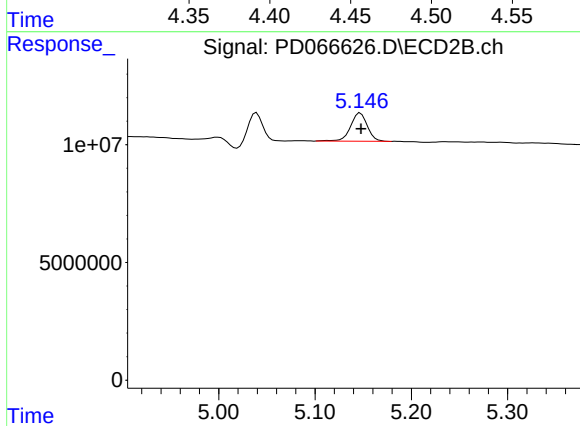
#3 gamma-BHC (Lindane)

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 13701000
Conc: 1.37 ng/ml



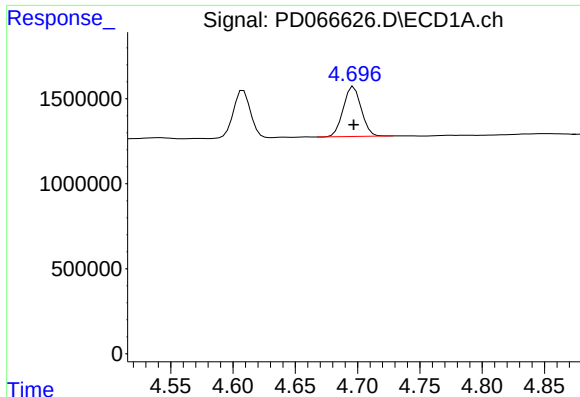
#4 Heptachlor

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 3110335
Conc: 1.05 ng/ml



#4 Heptachlor

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 14600051
Conc: 1.49 ng/ml



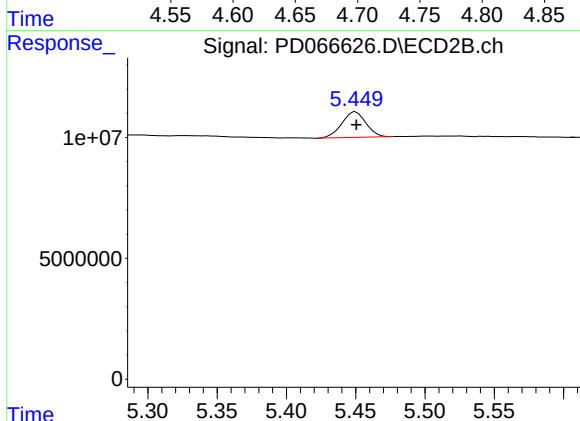
#5 Aldrin

R.T.: 4.697 min
Delta R.T.: 0.000 min
Response: 2958414
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

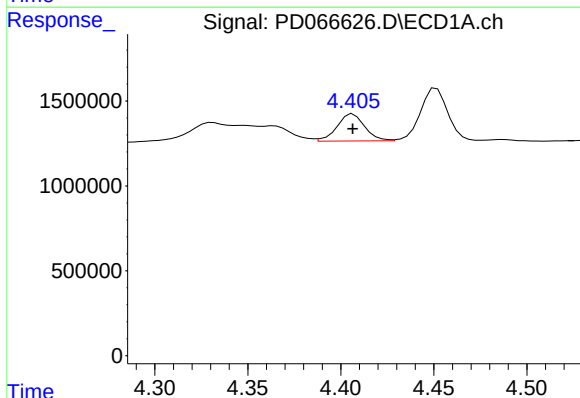
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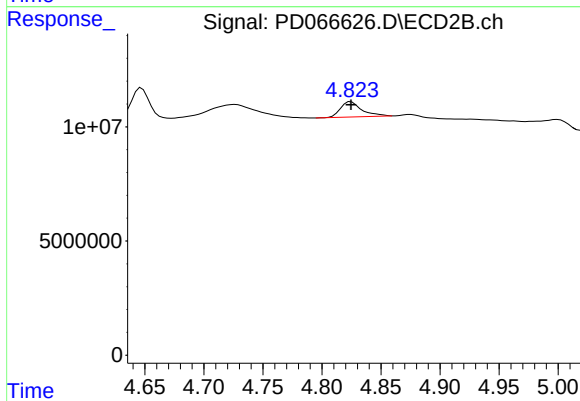
#5 Aldrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 12778137
Conc: 1.41 ng/ml



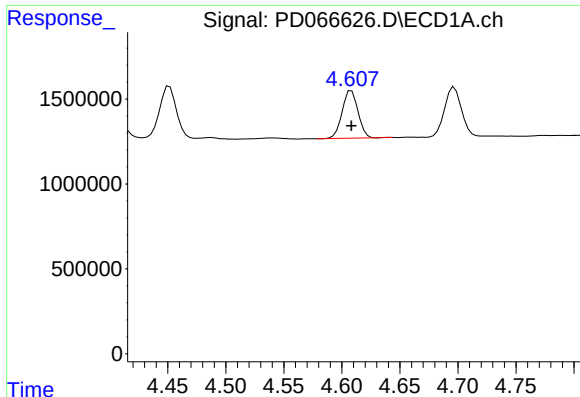
#6 beta-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 1648545
Conc: 1.32 ng/ml



#6 beta-BHC

R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 8358798
Conc: 1.80 ng/ml



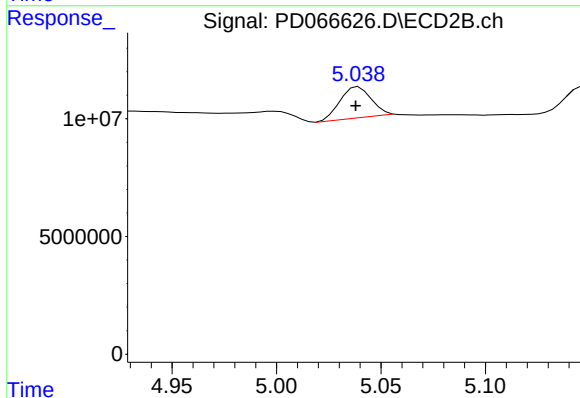
#7 delta-BHC

R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 2668969
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

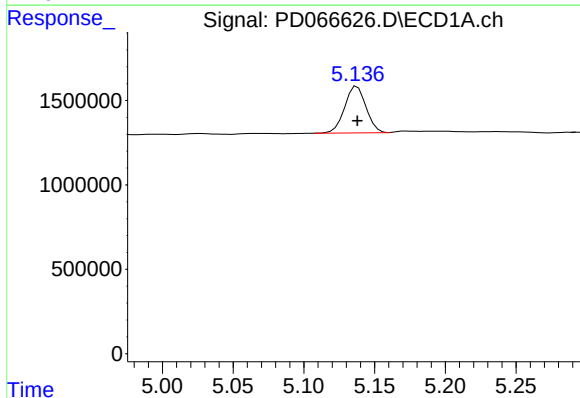
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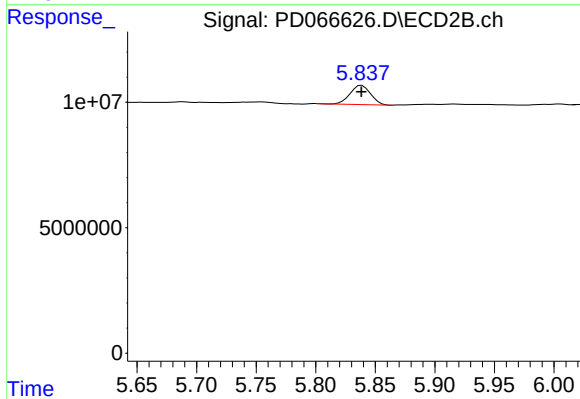
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 13702043
Conc: 1.50 ng/ml m



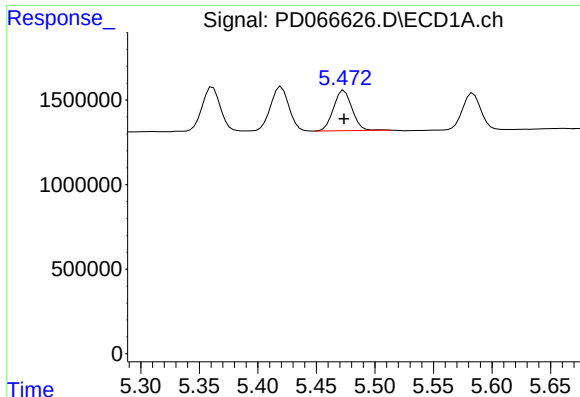
#8 Heptachlor epoxide

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 2911007
Conc: 1.13 ng/ml



#8 Heptachlor epoxide

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 9153324
Conc: 1.26 ng/ml



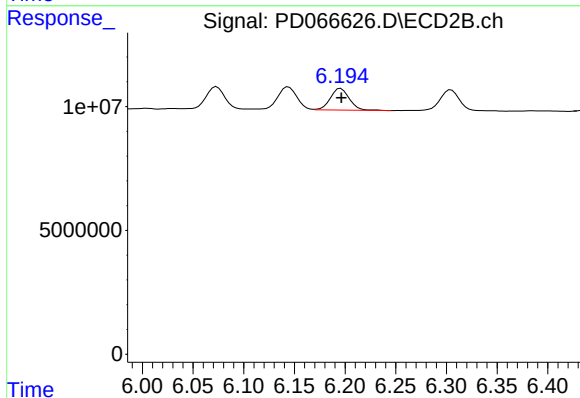
#9 Endosulfan I

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 2628845
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

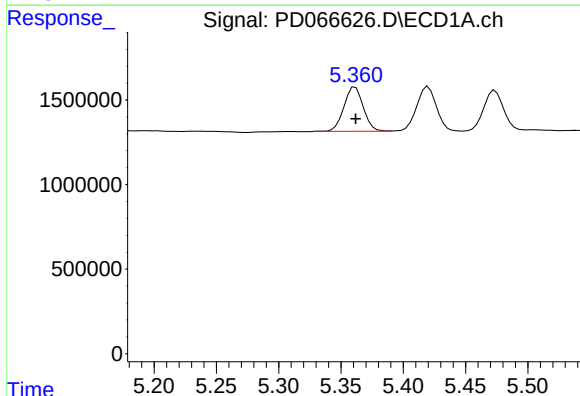
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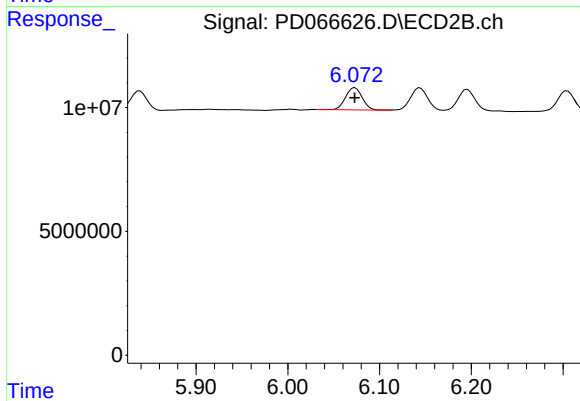
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 11475616
Conc: 1.46 ng/ml



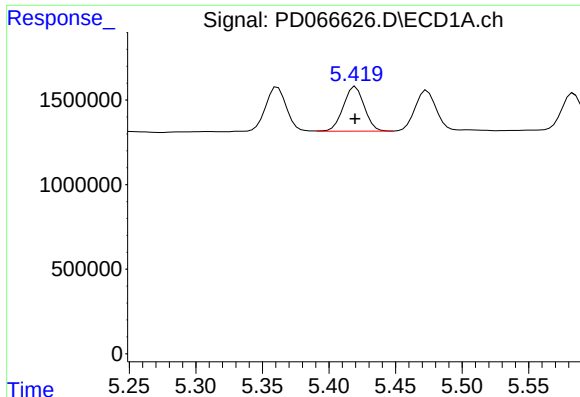
#10 gamma-Chlordane

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 2834843
Conc: 1.09 ng/ml



#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 11349810
Conc: 1.36 ng/ml



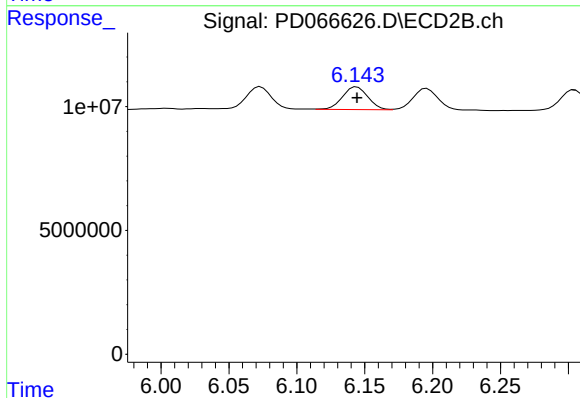
#11 alpha-Chlordane

R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 2890693
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
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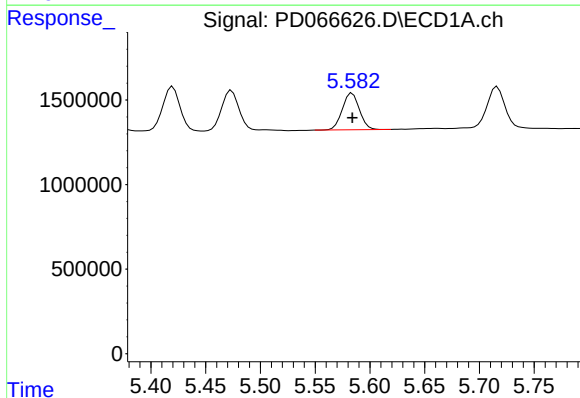
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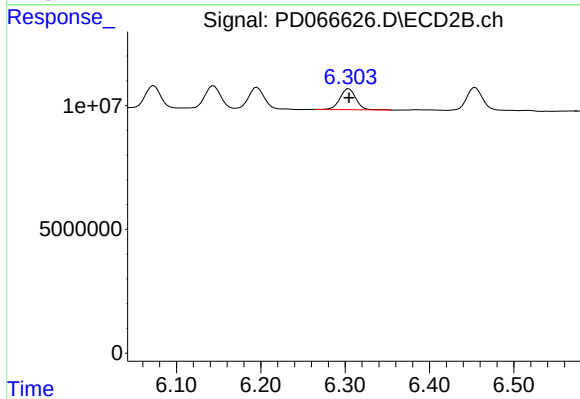
#11 alpha-Chlordane

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 12035274
Conc: 1.45 ng/ml



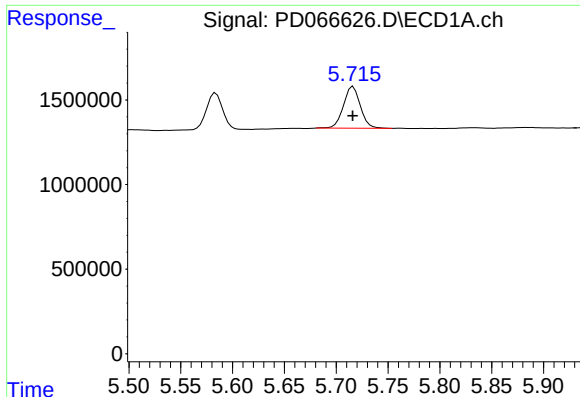
#12 4,4'-DDE

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 2359652
Conc: 1.01 ng/ml



#12 4,4'-DDE

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 11112014
Conc: 1.41 ng/ml



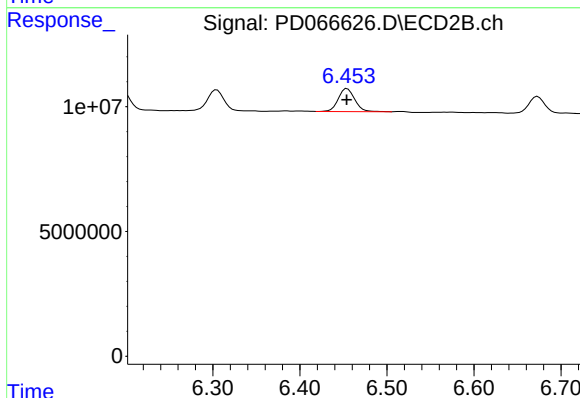
#13 Dieldrin

R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 2779017
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

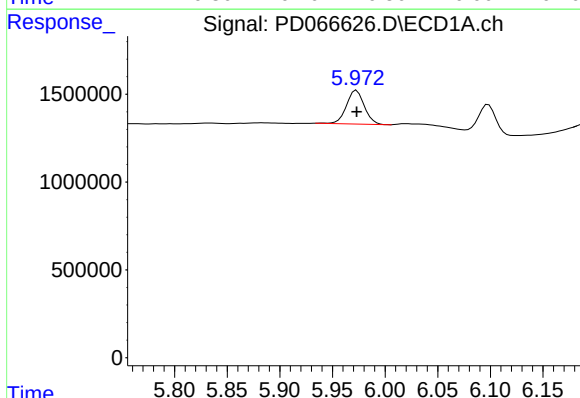
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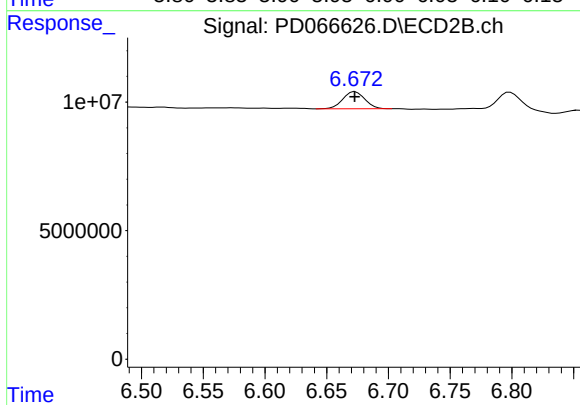
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 12120584
Conc: 1.46 ng/ml



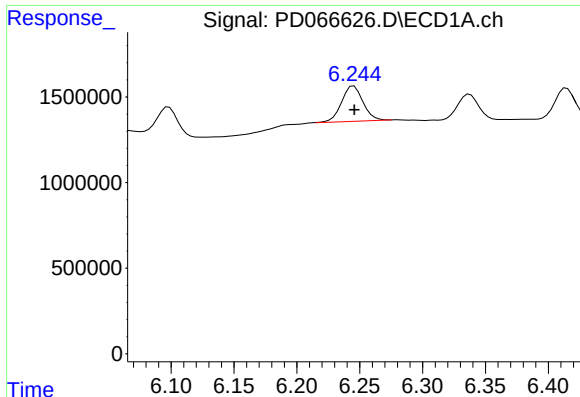
#14 Endrin

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 2276578
Conc: 1.09 ng/ml



#14 Endrin

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 8295473
Conc: 1.21 ng/ml



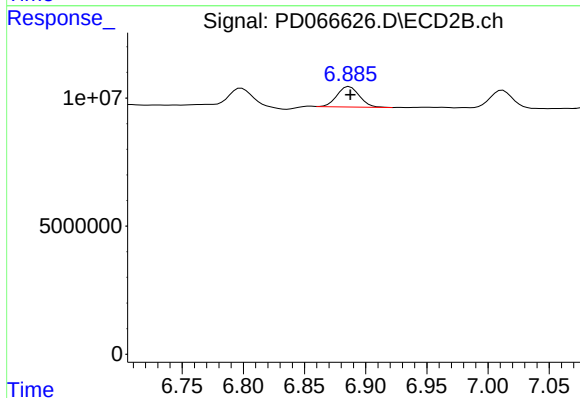
#15 Endosulfan II

R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 2461576
Conc: 1.24 ng/ml

Instrument :
ECD_D
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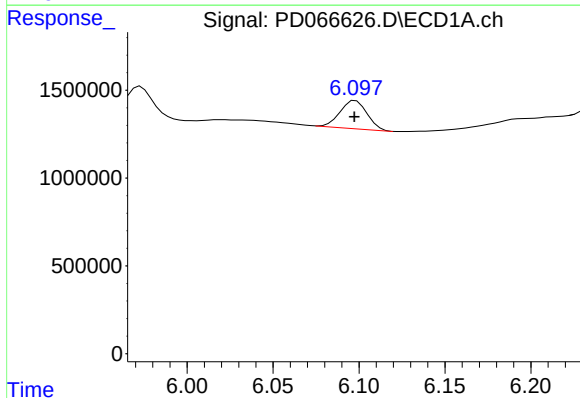
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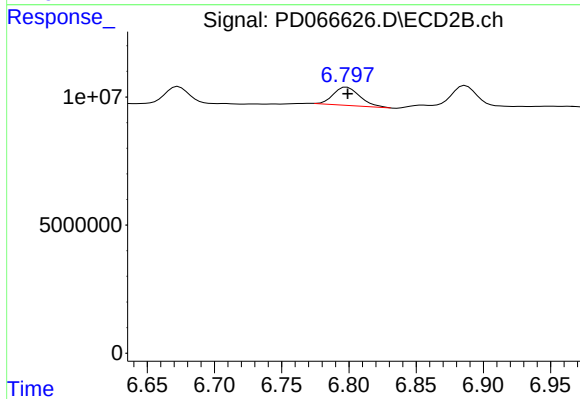
#15 Endosulfan II

R.T.: 6.885 min
Delta R.T.: -0.002 min
Response: 10098121
Conc: 1.43 ng/ml m



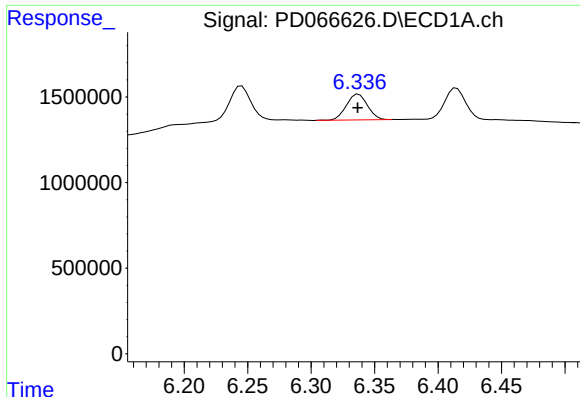
#16 4,4'-DDD

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 1763984
Conc: 0.94 ng/ml m



#16 4,4'-DDD

R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 9715000
Conc: 1.43 ng/ml m



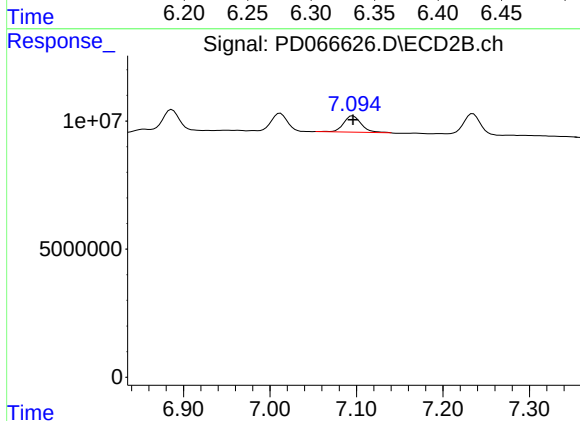
#17 4,4'-DDT

R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 1740958
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
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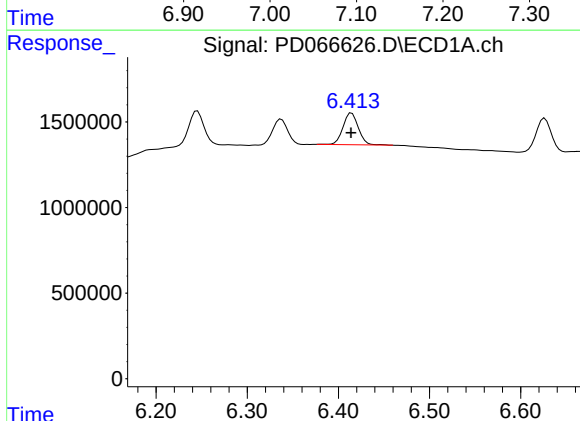
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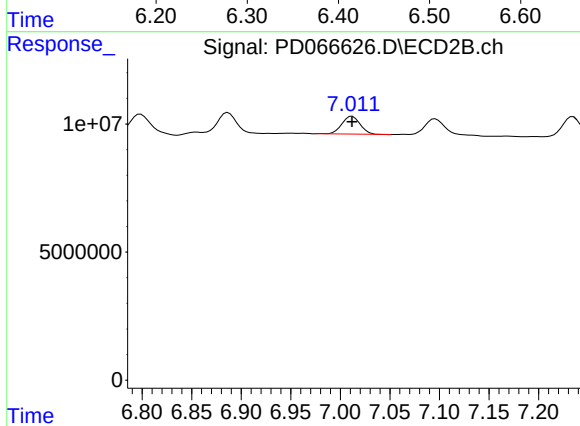
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 9062107
Conc: 1.25 ng/ml



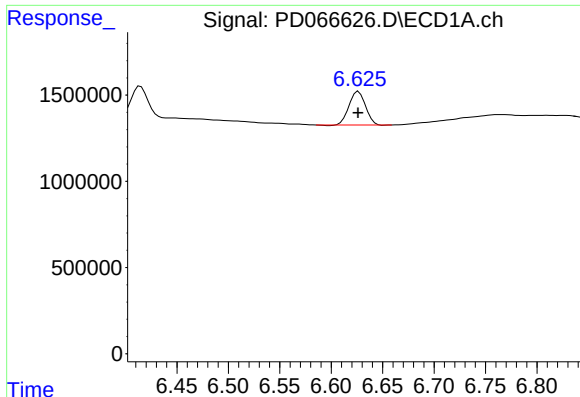
#18 Endrin aldehyde

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 2183134
Conc: 1.41 ng/ml



#18 Endrin aldehyde

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 8931306
Conc: 1.57 ng/ml



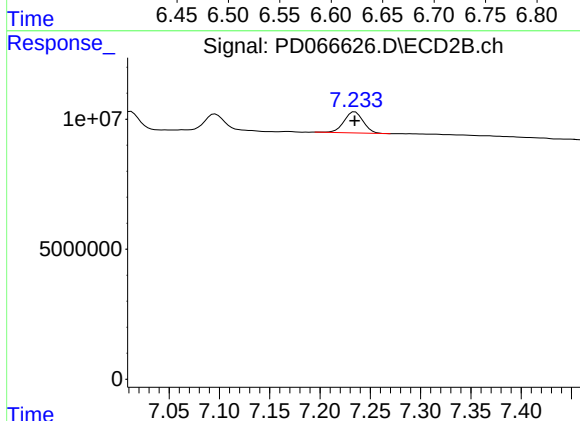
#19 Endosulfan Sulfate

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 2153375
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

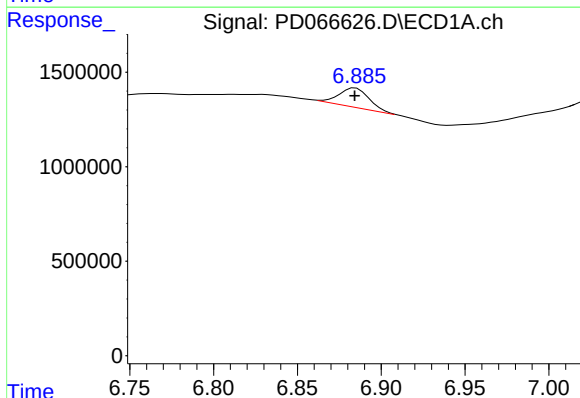
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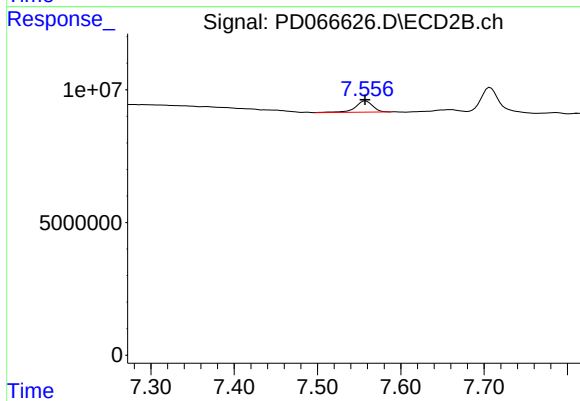
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 10802886
Conc: 1.49 ng/ml



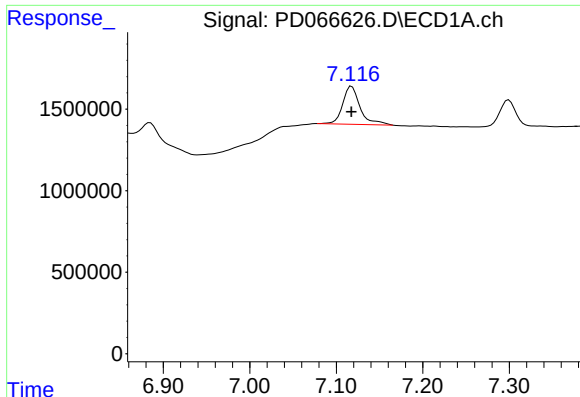
#20 Methoxychlor

R.T.: 6.885 min
Delta R.T.: 0.001 min
Response: 1256571
Conc: 1.22 ng/ml m



#20 Methoxychlor

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 6041729
Conc: 1.48 ng/ml



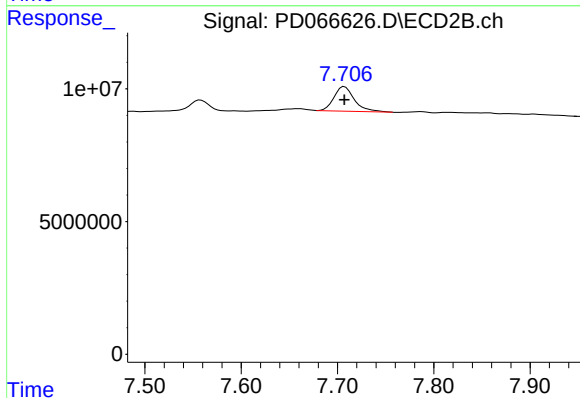
#21 Endrin ketone

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 3239857
Conc: 1.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

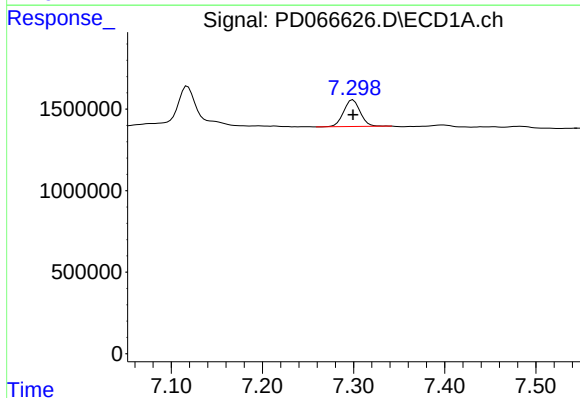
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2021
Supervised By :mohammad ahmed 11/10/2021



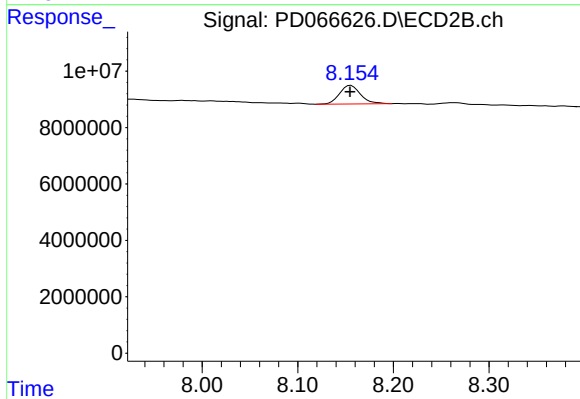
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: -0.001 min
Response: 13682710
Conc: 1.63 ng/ml m



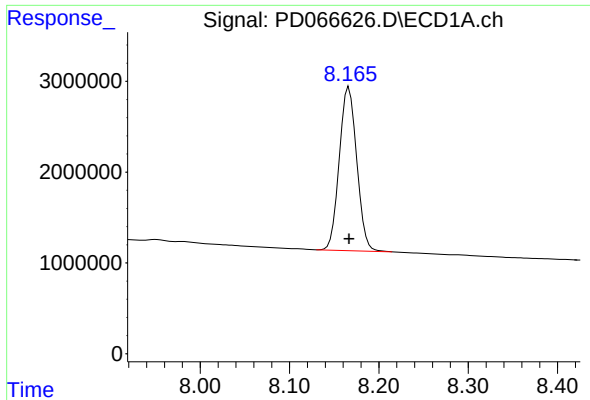
#22 Mirex

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 2065223
Conc: 1.33 ng/ml



#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 10029809
Conc: 1.70 ng/ml



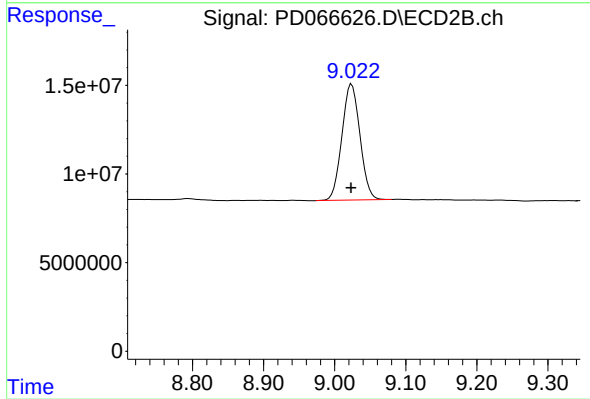
#28 Decachlorobiphenyl

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 24460201
Conc: 21.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 115589324
Conc: 21.46 ng/ml