

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031621\
 Data File : PD061635.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 11:49
 Operator : AR\AJ
 Sample : M1458-02
 Misc : PEST LOQ 5 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 09:31:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031521.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 16 02:33:48 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...	3.489	3.981	15061980	147.3E6	19.301	19.241
28)	SA Decachlor...	8.262	9.041	22055129	165.5E6	19.529	19.770
Target Compounds							
2)	A alpha-BHC	3.928	4.370	5856012	59115432	4.932	5.148
3)	MA gamma-BHC...	4.213	4.654	5454989	57474470	5.004	5.495
4)	MA Heptachlor	4.517	5.163	4572355	54786343	5.734	5.690
5)	MB Aldrin	4.767	5.468	5388690	56822123	4.902	5.210
6)	B beta-BHC	4.464	4.824	2741349	21704948	5.427	5.125
7)	B delta-BHC	4.670	5.041	5420004	62143020	4.845	5.829
8)	B Heptachlo...	5.212	5.853	5332524	51190611	5.136	5.337
9)	A Endosulfan I	5.552	6.210	5252918	52325823	5.224	5.627
10)	B gamma-Chl...	5.439	6.087	5498451	60058355	5.145	5.812
11)	B alpha-Chl...	5.497	6.160	5446482	52341697	5.157	5.346
12)	B 4,4'-DDE	5.661	6.317	5118749	53579046	4.914	5.347
13)	MA Dieldrin	5.796	6.467	5191603	54110543	5.063	5.377
14)	MA Endrin	6.055	6.684	4422871	38917921	4.835	4.724
15)	B Endosulfa...	6.327	6.893	5003843	43029312	5.326m	5.130
16)	A 4,4'-DDD	6.179	6.806	3966548	42036842	5.188	5.237
17)	MA 4,4'-DDT	6.420	7.105	3798134	39127726	4.760m	4.634
18)	B Endrin al...	6.496	7.017	4230600	36838163	5.609m	5.360
19)	B Endosulfa...	6.711	7.239	5428845	52671852	5.599	6.054
20)	A Methoxychlor	6.966	7.562	1850074	21368656	4.756m	5.583
21)	B Endrin ke...	7.205	7.710	6517465	49918159	5.619	5.478
22)	Mirex	7.395	8.165	5219218	33356328	5.980	5.846

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031621\
 Data File : PD061635.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 11:49
 Operator : AR\AJ
 Sample : M1458-02
 Misc : PEST LOQ 5 PPB
 ALS Vial : 10 Sample Multiplier: 1

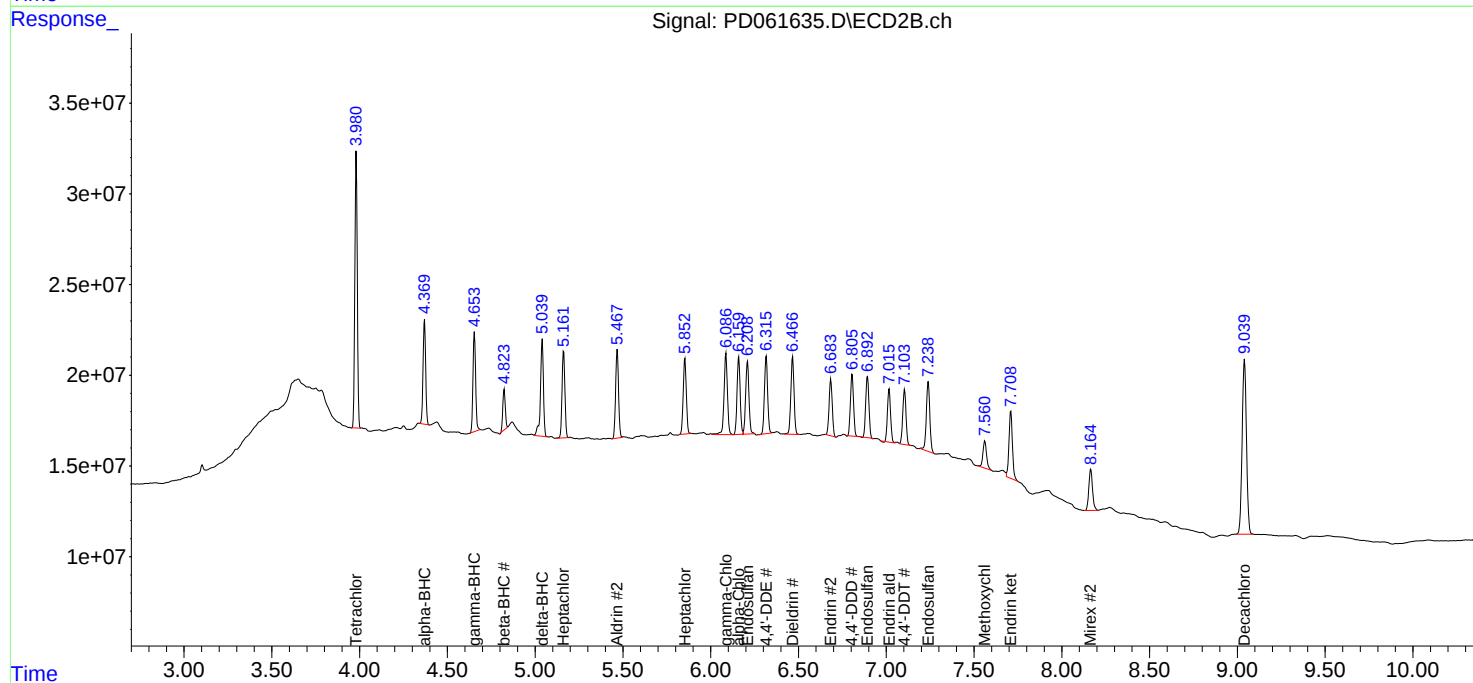
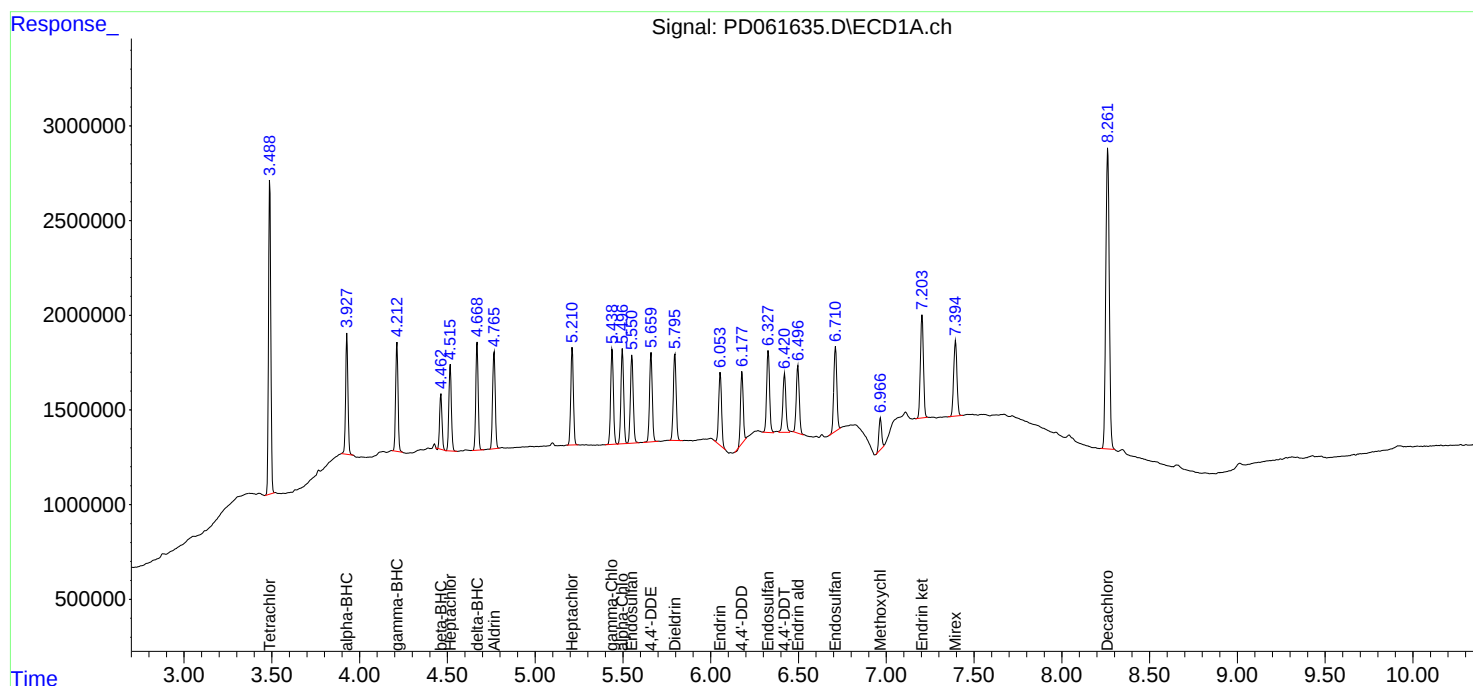
Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

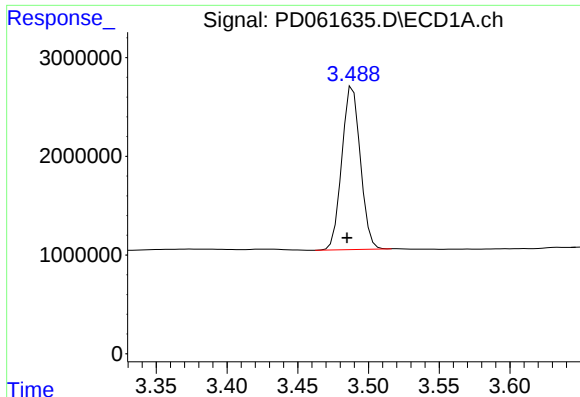
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 09:31:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031521.M
 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





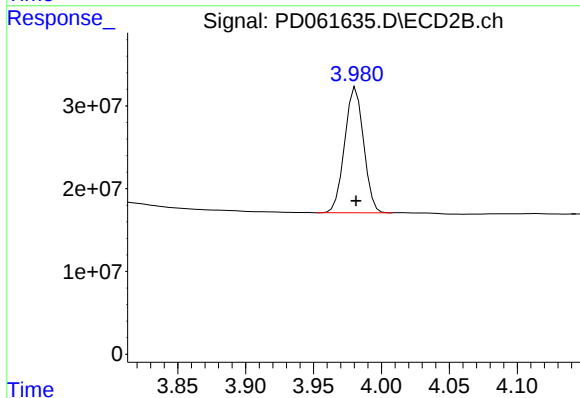
#1 Tetrachloro-m-xylene

R.T.: 3.489 min
Delta R.T.: 0.004 min
Response: 15061980
Conc: 19.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

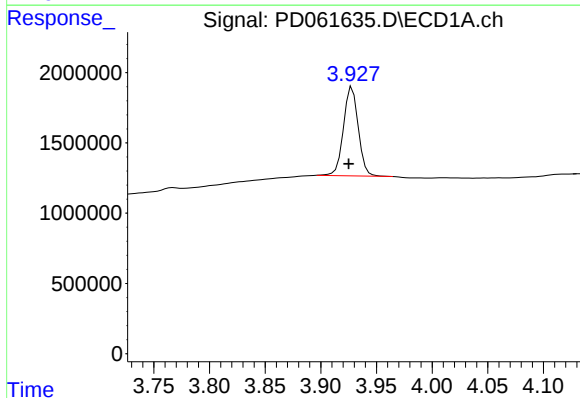
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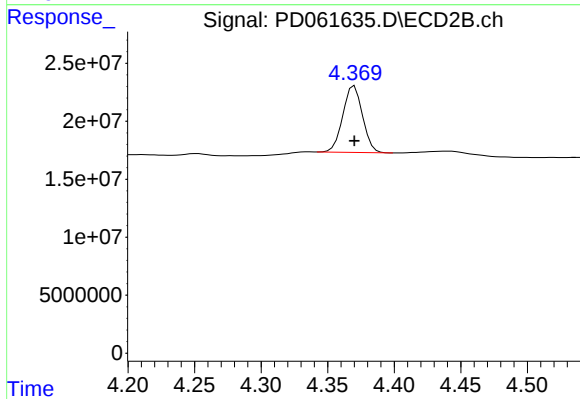
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 147275412
Conc: 19.24 ng/ml



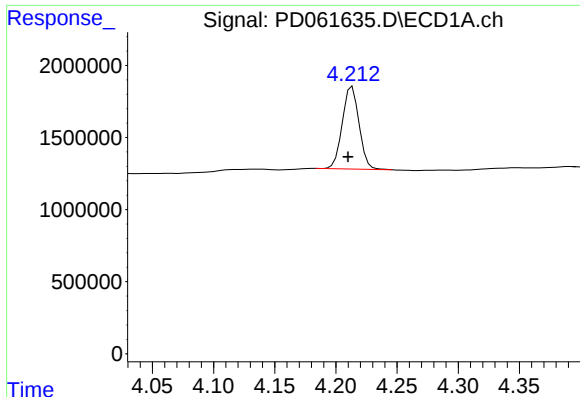
#2 alpha-BHC

R.T.: 3.928 min
Delta R.T.: 0.003 min
Response: 5856012
Conc: 4.93 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 59115432
Conc: 5.15 ng/ml



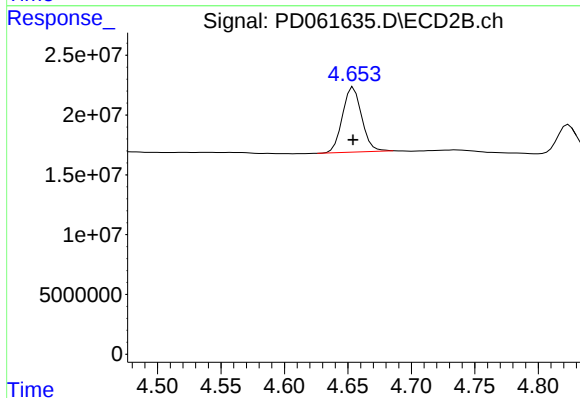
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: 0.004 min
Response: 5454989
Conc: 5.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

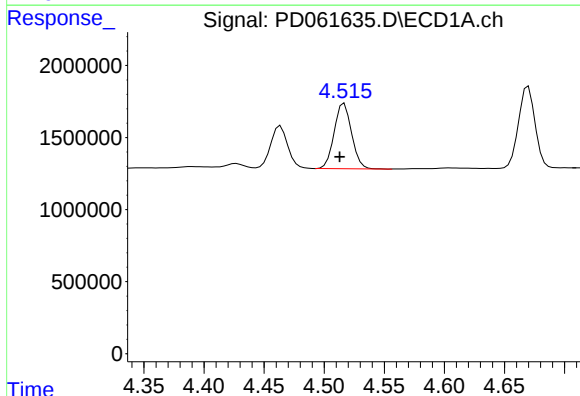
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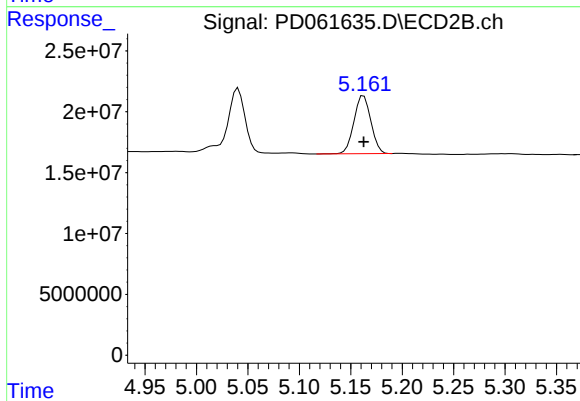
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 57474470
Conc: 5.50 ng/ml



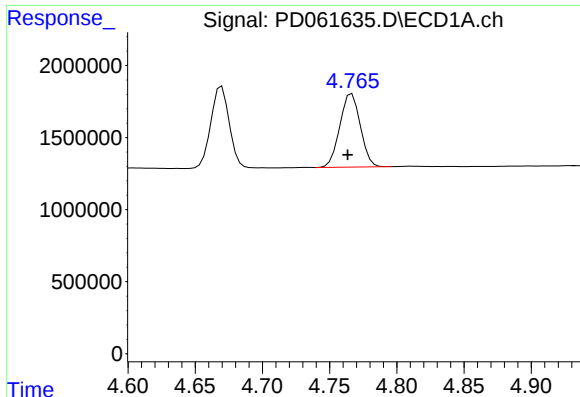
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.004 min
Response: 4572355
Conc: 5.73 ng/ml



#4 Heptachlor

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 54786343
Conc: 5.69 ng/ml



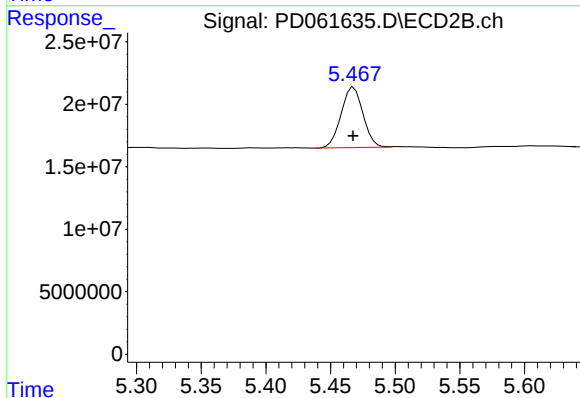
#5 Aldrin

R.T.: 4.767 min
Delta R.T.: 0.003 min
Response: 5388690
Conc: 4.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

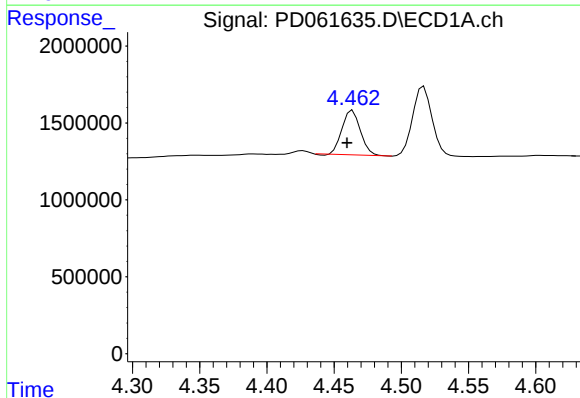
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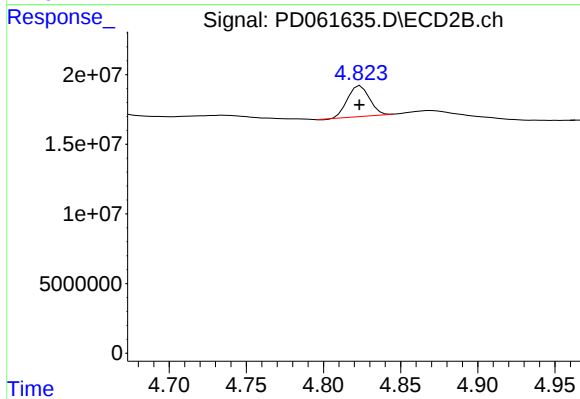
#5 Aldrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 56822123
Conc: 5.21 ng/ml



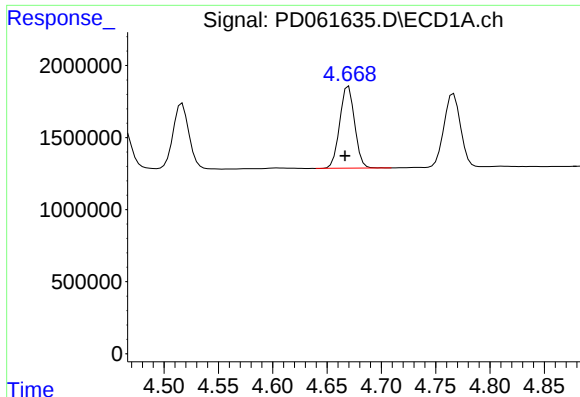
#6 beta-BHC

R.T.: 4.464 min
Delta R.T.: 0.004 min
Response: 2741349
Conc: 5.43 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 21704948
Conc: 5.12 ng/ml



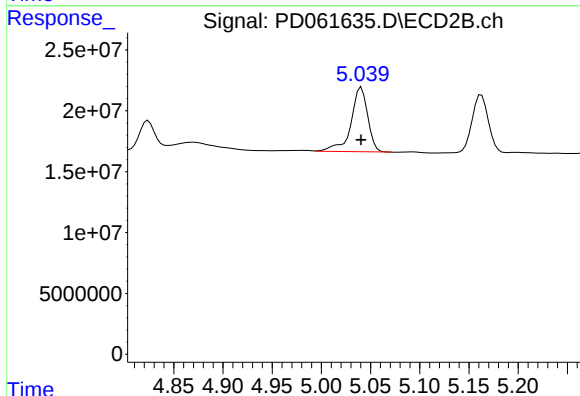
#7 delta-BHC

R.T.: 4.670 min
Delta R.T.: 0.003 min
Response: 5420004
Conc: 4.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

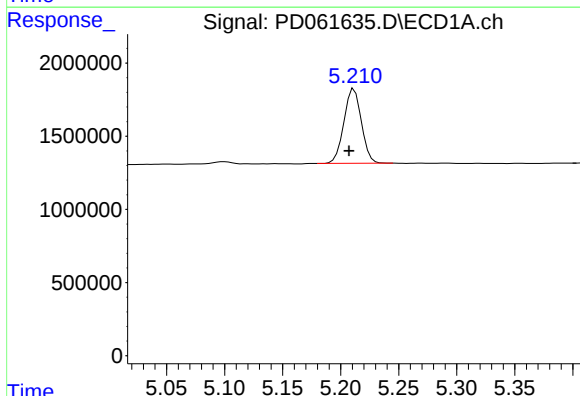
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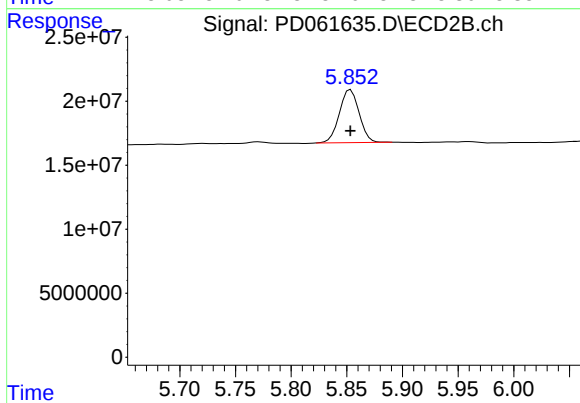
#7 delta-BHC

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 62143020
Conc: 5.83 ng/ml



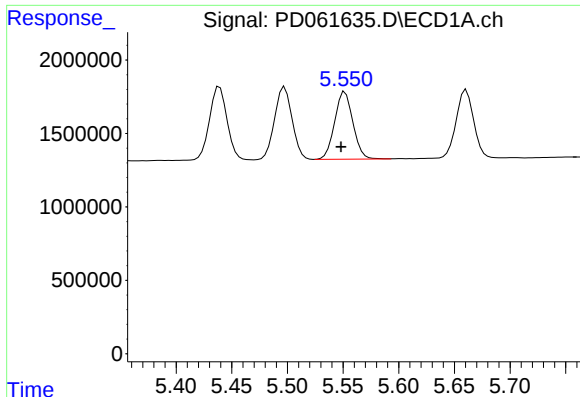
#8 Heptachlor epoxide

R.T.: 5.212 min
Delta R.T.: 0.004 min
Response: 5332524
Conc: 5.14 ng/ml



#8 Heptachlor epoxide

R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 51190611
Conc: 5.34 ng/ml



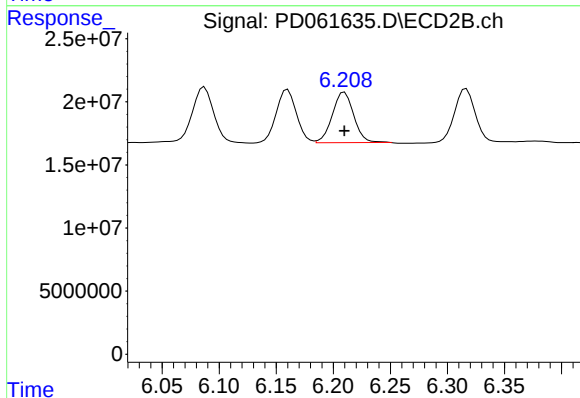
#9 Endosulfan I

R.T.: 5.552 min
Delta R.T.: 0.004 min
Response: 5252918
Conc: 5.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

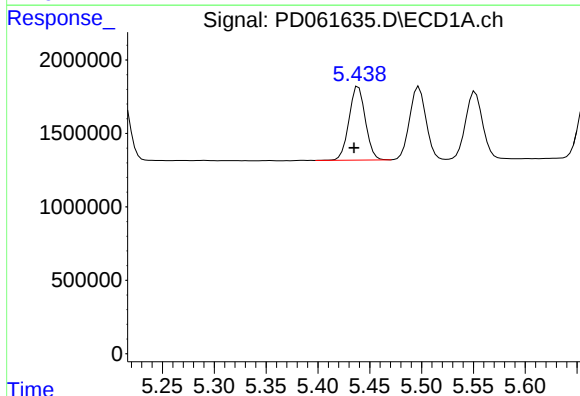
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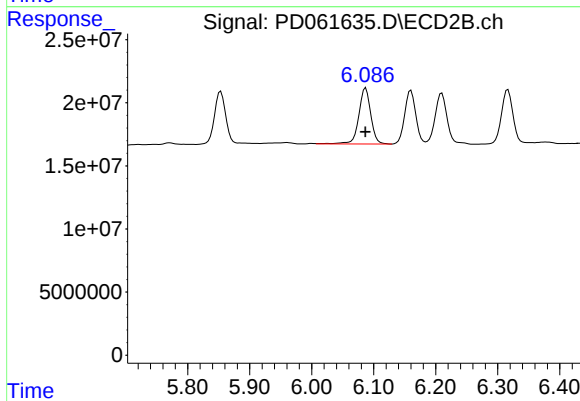
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 52325823
Conc: 5.63 ng/ml



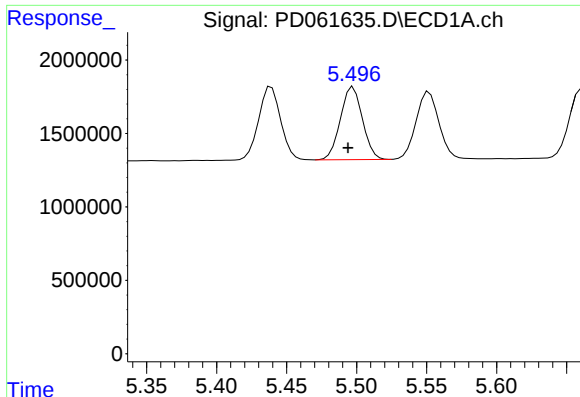
#10 gamma-Chlordane

R.T.: 5.439 min
Delta R.T.: 0.004 min
Response: 5498451
Conc: 5.15 ng/ml



#10 gamma-Chlordane

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 60058355
Conc: 5.81 ng/ml



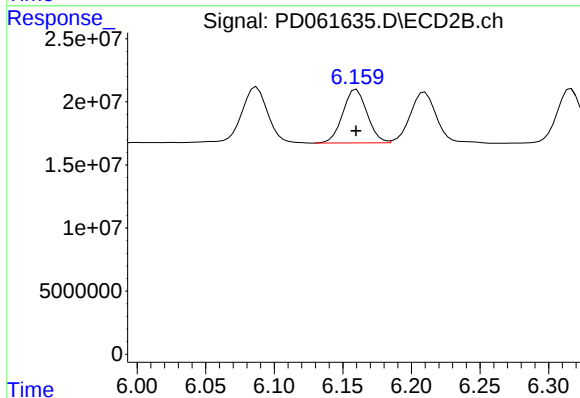
#11 alpha-Chlordane

R.T.: 5.497 min
Delta R.T.: 0.004 min
Response: 5446482
Conc: 5.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

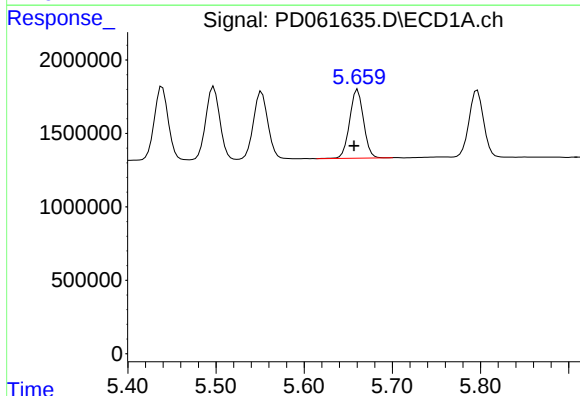
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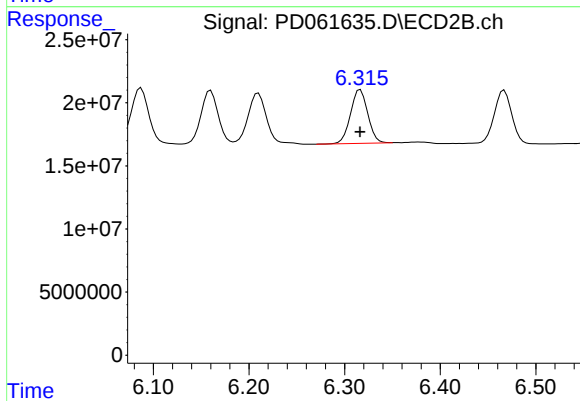
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 52341697
Conc: 5.35 ng/ml



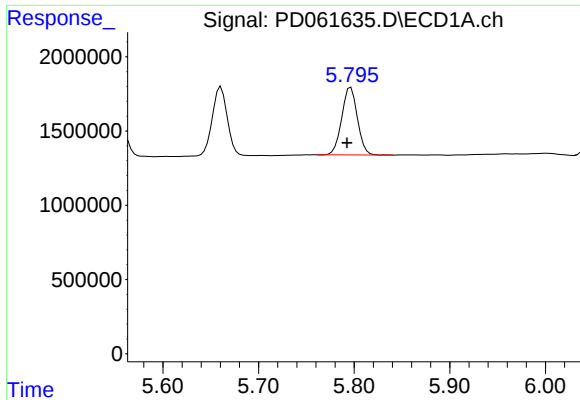
#12 4,4'-DDE

R.T.: 5.661 min
Delta R.T.: 0.004 min
Response: 5118749
Conc: 4.91 ng/ml



#12 4,4'-DDE

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 53579046
Conc: 5.35 ng/ml



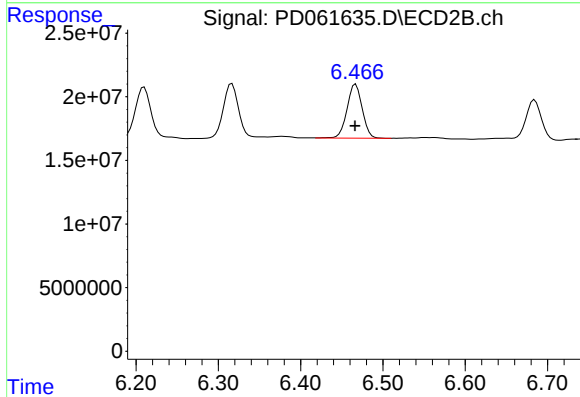
#13 Dieldrin

R.T.: 5.796 min
Delta R.T.: 0.004 min
Response: 5191603
Conc: 5.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

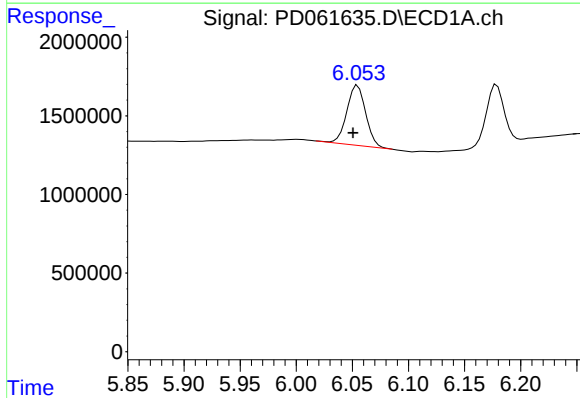
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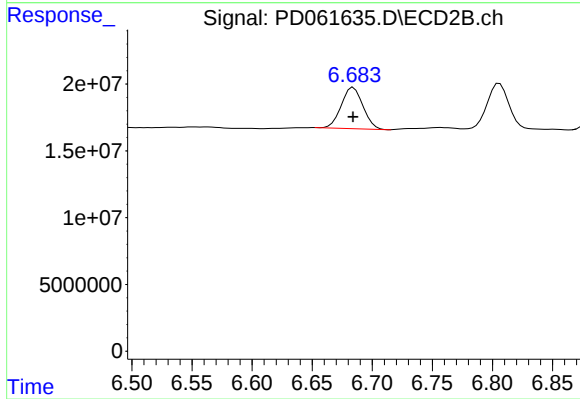
#13 Dieldrin

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 54110543
Conc: 5.38 ng/ml



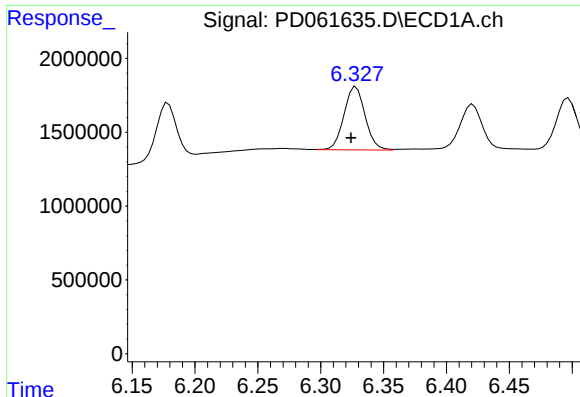
#14 Endrin

R.T.: 6.055 min
Delta R.T.: 0.004 min
Response: 4422871
Conc: 4.84 ng/ml



#14 Endrin

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 38917921
Conc: 4.72 ng/ml



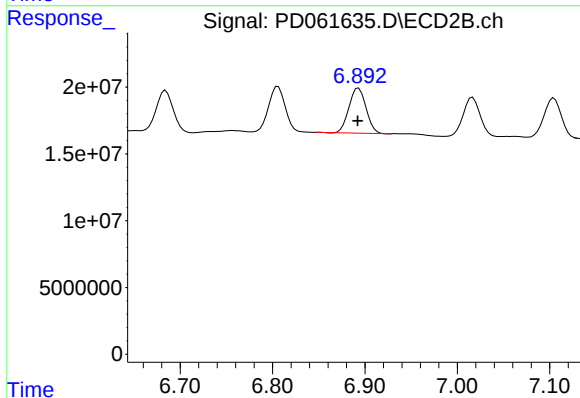
#15 Endosulfan II

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 5003843
Conc: 5.33 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

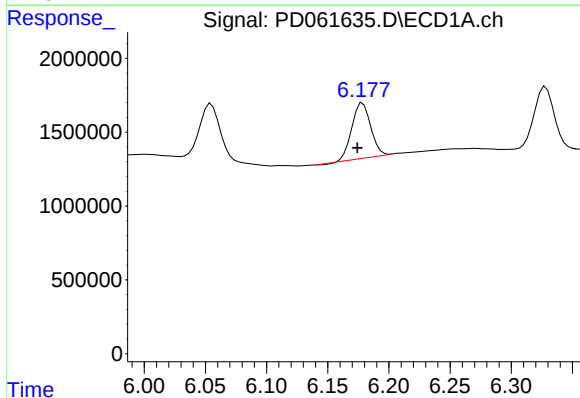
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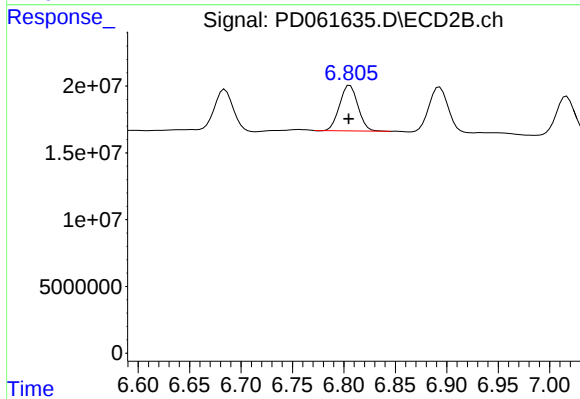
#15 Endosulfan II

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 43029312
Conc: 5.13 ng/ml



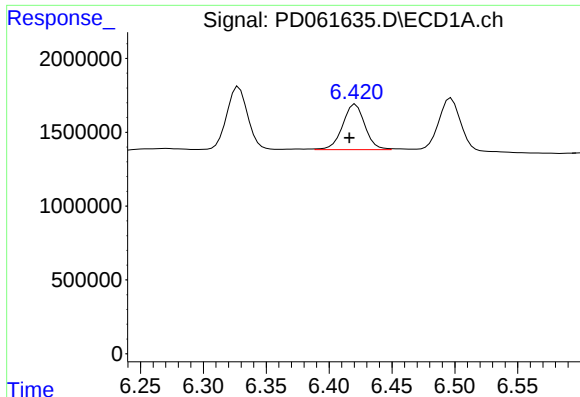
#16 4,4'-DDD

R.T.: 6.179 min
Delta R.T.: 0.005 min
Response: 3966548
Conc: 5.19 ng/ml



#16 4,4'-DDD

R.T.: 6.806 min
Delta R.T.: 0.001 min
Response: 42036842
Conc: 5.24 ng/ml



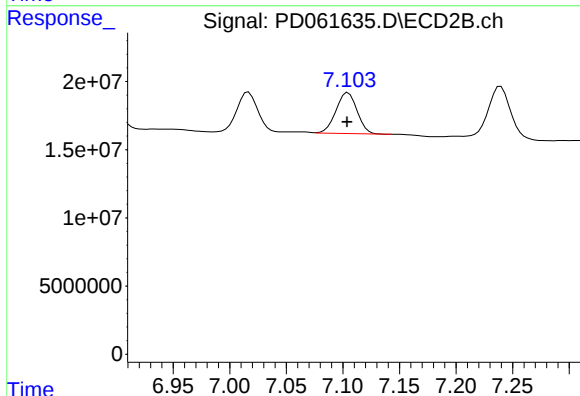
#17 4,4'-DDT

R.T.: 6.420 min
Delta R.T.: 0.003 min
Response: 3798134
Conc: 4.76 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

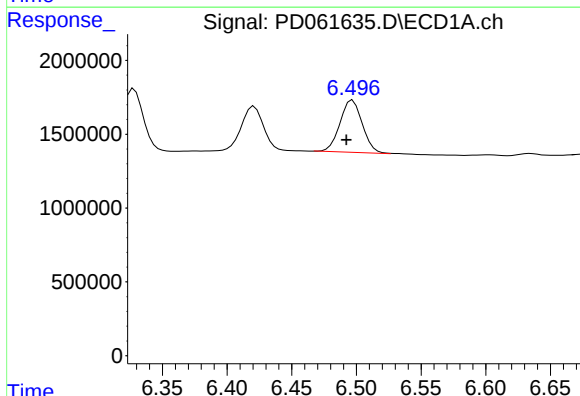
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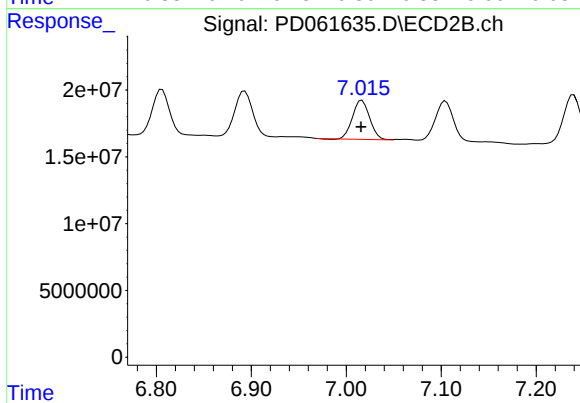
#17 4,4'-DDT

R.T.: 7.105 min
Delta R.T.: 0.001 min
Response: 39127726
Conc: 4.63 ng/ml



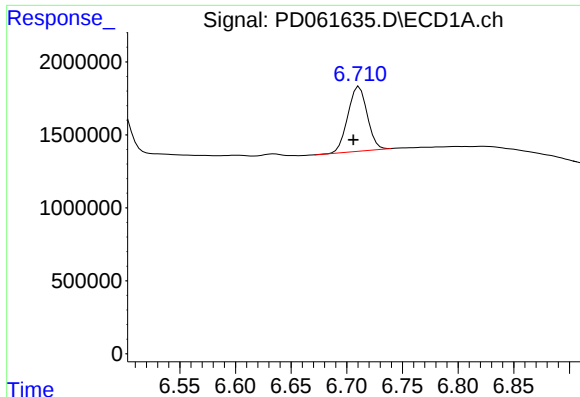
#18 Endrin aldehyde

R.T.: 6.496 min
Delta R.T.: 0.003 min
Response: 4230600
Conc: 5.61 ng/ml m



#18 Endrin aldehyde

R.T.: 7.017 min
Delta R.T.: 0.001 min
Response: 36838163
Conc: 5.36 ng/ml



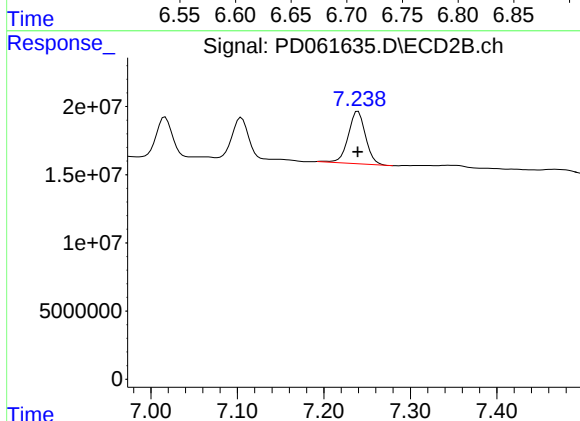
#19 Endosulfan Sulfate

R.T.: 6.711 min
Delta R.T.: 0.005 min
Response: 5428845
Conc: 5.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

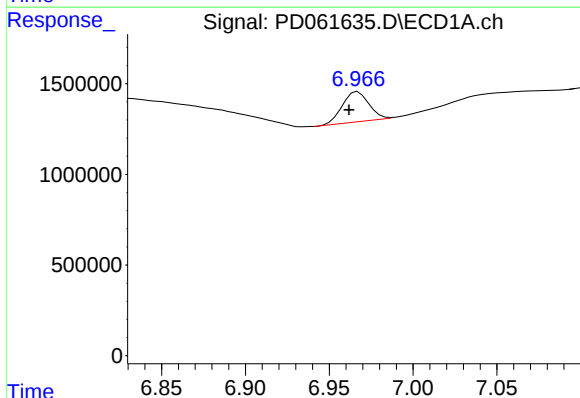
Manual Integrations
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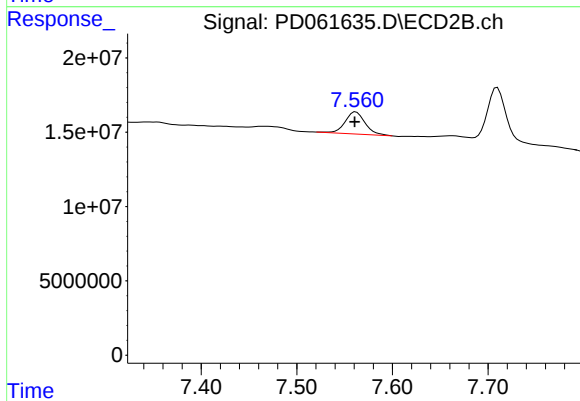
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: 0.000 min
Response: 52671852
Conc: 6.05 ng/ml



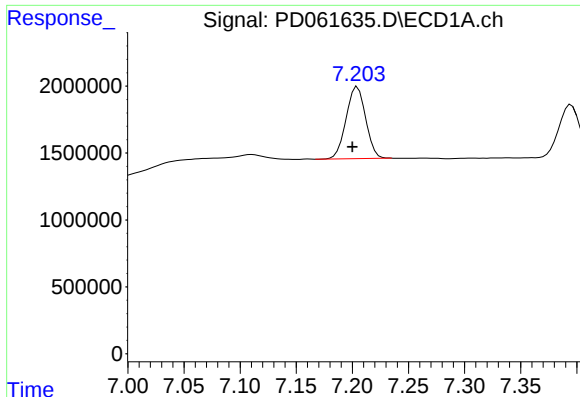
#20 Methoxychlor

R.T.: 6.966 min
Delta R.T.: 0.004 min
Response: 1850074
Conc: 4.76 ng/ml m



#20 Methoxychlor

R.T.: 7.562 min
Delta R.T.: 0.001 min
Response: 21368656
Conc: 5.58 ng/ml



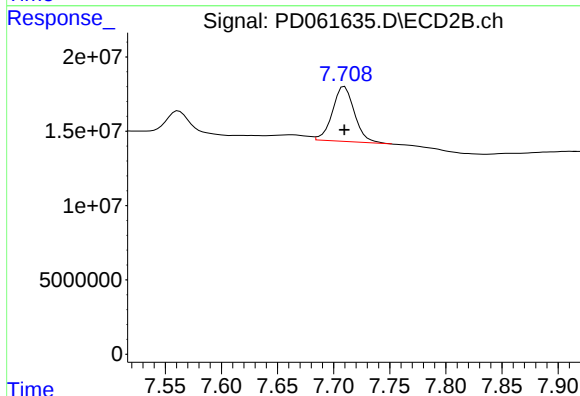
#21 Endrin ketone

R.T.: 7.205 min
Delta R.T.: 0.004 min
Response: 6517465
Conc: 5.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

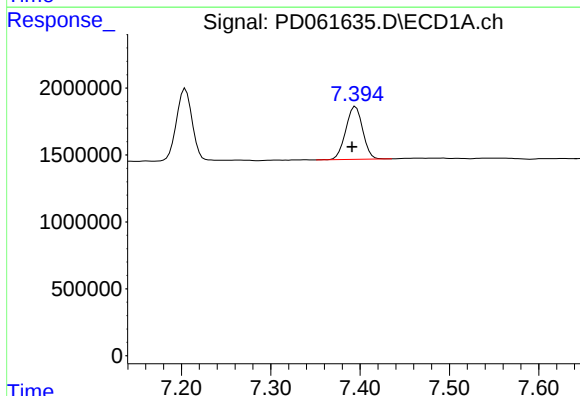
Manual Integrations
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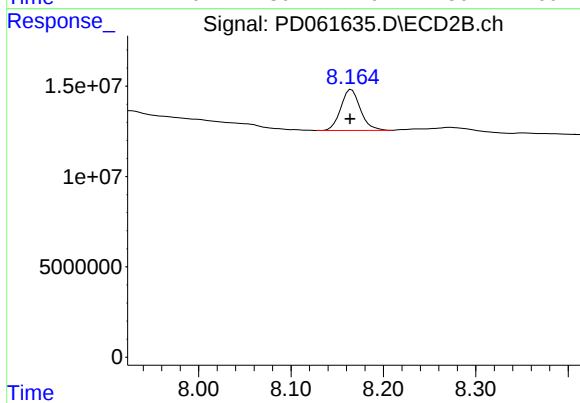
#21 Endrin ketone

R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 49918159
Conc: 5.48 ng/ml



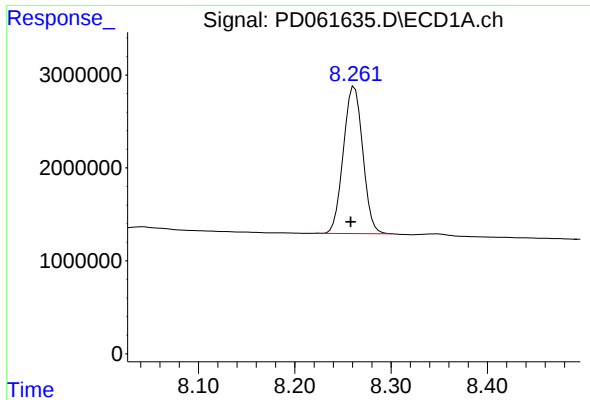
#22 Mirex

R.T.: 7.395 min
Delta R.T.: 0.004 min
Response: 5219218
Conc: 5.98 ng/ml



#22 Mirex

R.T.: 8.165 min
Delta R.T.: 0.001 min
Response: 33356328
Conc: 5.85 ng/ml



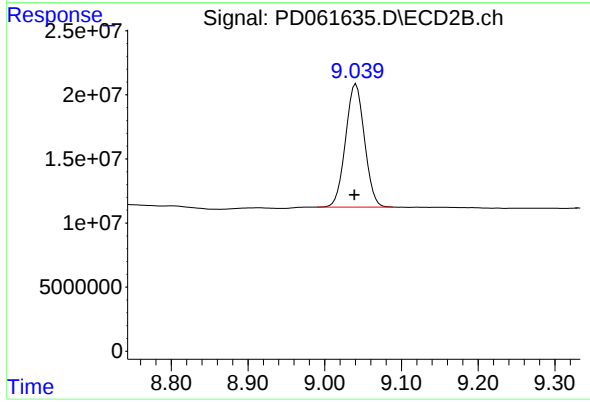
#28 Decachlorobiphenyl

R.T.: 8.262 min
Delta R.T.: 0.004 min
Response: 22055129
Conc: 19.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:17 PM



#28 Decachlorobiphenyl

R.T.: 9.041 min
Delta R.T.: 0.002 min
Response: 165516830
Conc: 19.77 ng/ml