

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101520\
 Data File : PL062300.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2020 16:16
 Operator : DD\AJ
 Sample : L4214-01
 Misc : PEST 1 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 02:10:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101320.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 13 05:04:40 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.411	3.951	34953860	56053176	20.082	19.889
28)	SA Decachlor...	8.124	8.991	33870004	48389973	18.516	17.630
Target Compounds							
2)	A alpha-BHC	3.843	4.337	3220326	3621279	1.257	0.864 #
3)	MA gamma-BHC...	4.122	4.620	1932557	3212798	0.848	0.818
4)	MA Heptachlor	4.419	5.126	2249473	4452216	1.068	1.171
5)	MB Aldrin	4.664	5.429	2088899	3152775	1.102	0.894
6)	B beta-BHC	4.371	4.793	1406864	2358517	1.463	1.342
7)	B delta-BHC	4.572	5.005	2178518	3538272	1.021	1.020
8)	B Heptachlo...	5.101	5.814	1946908	3139651	1.065m	0.966
9)	A Endosulfan I	5.437	6.171	2013024	3679970	1.192	1.222
10)	B gamma-Chl...	5.326	6.049	1911650	2890536	1.060m	0.880
11)	B alpha-Chl...	5.383	6.121	1933410	3383529	1.068m	1.035
12)	B 4,4'-DDE	5.549	6.279	1612507	3083473	0.978	1.013m
13)	MA Dieldrin	5.678	6.426	1726759	3101532	0.982	1.004m
14)	MA Endrin	5.931	6.644	1642688	1890196	1.069m	0.760 #
15)	B Endosulfa...	6.204	6.854	1805343	3190973	1.093	1.176
16)	A 4,4'-DDD	6.059	6.769	1457074	2660175	1.005m	1.090
17)	MA 4,4'-DDT	6.300	7.069	854552	2384512	0.662	1.042 #
18)	B Endrin al...	6.371	6.978	1709159	2501739	1.178	1.059
19)	B Endosulfa...	6.583	7.200	1791984	2376358	1.084	0.916
20)	A Methoxychlor	6.843	7.525	780205	1236341	0.959	0.938m
21)	B Endrin ke...	7.067	7.668	1641088	2443568	0.833m	0.876m
22)	Mirex	7.256	8.123	1733393	1726857	1.168	0.821 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101520\
Data File : PL062300.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2020 16:16
Operator : DD\AJ
Sample : L4214-01
Misc : PEST 1 PPB
ALS Vial : 12 Sample Multiplier: 1

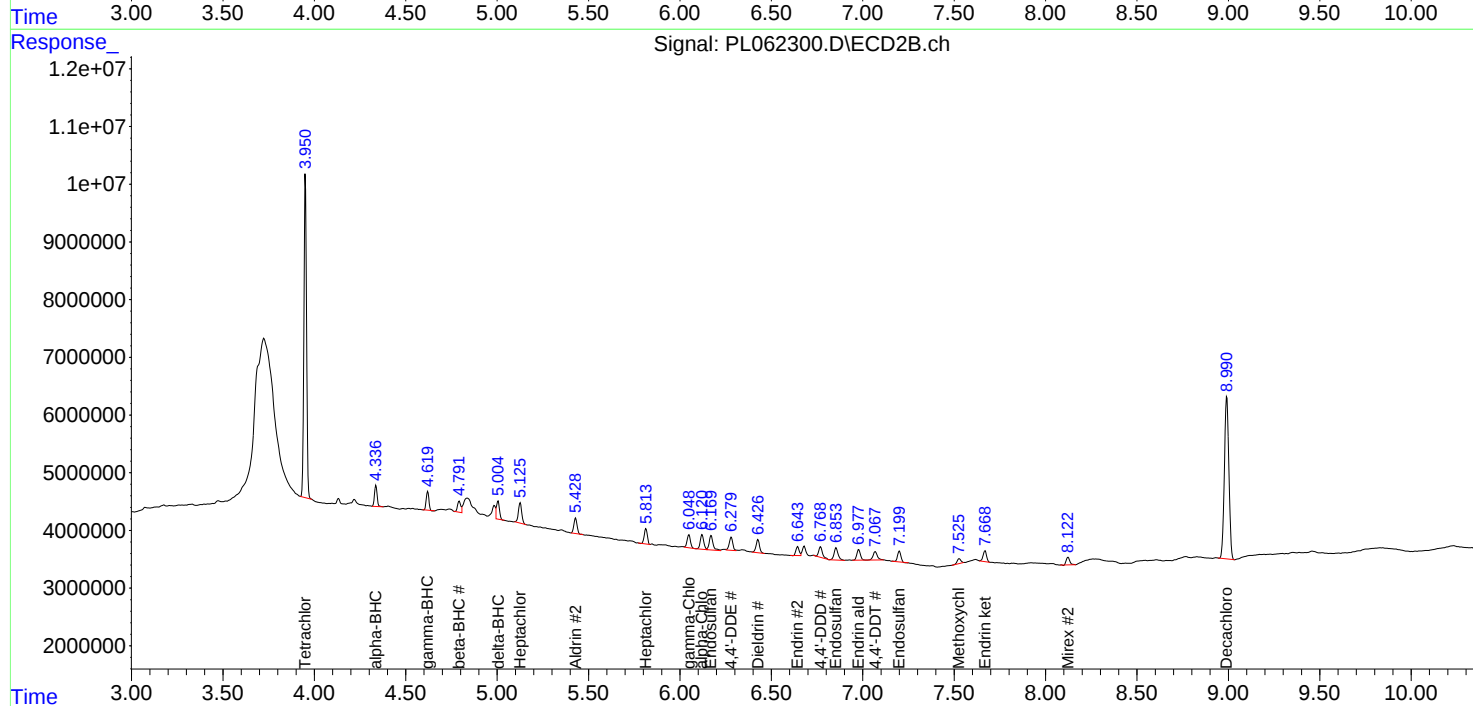
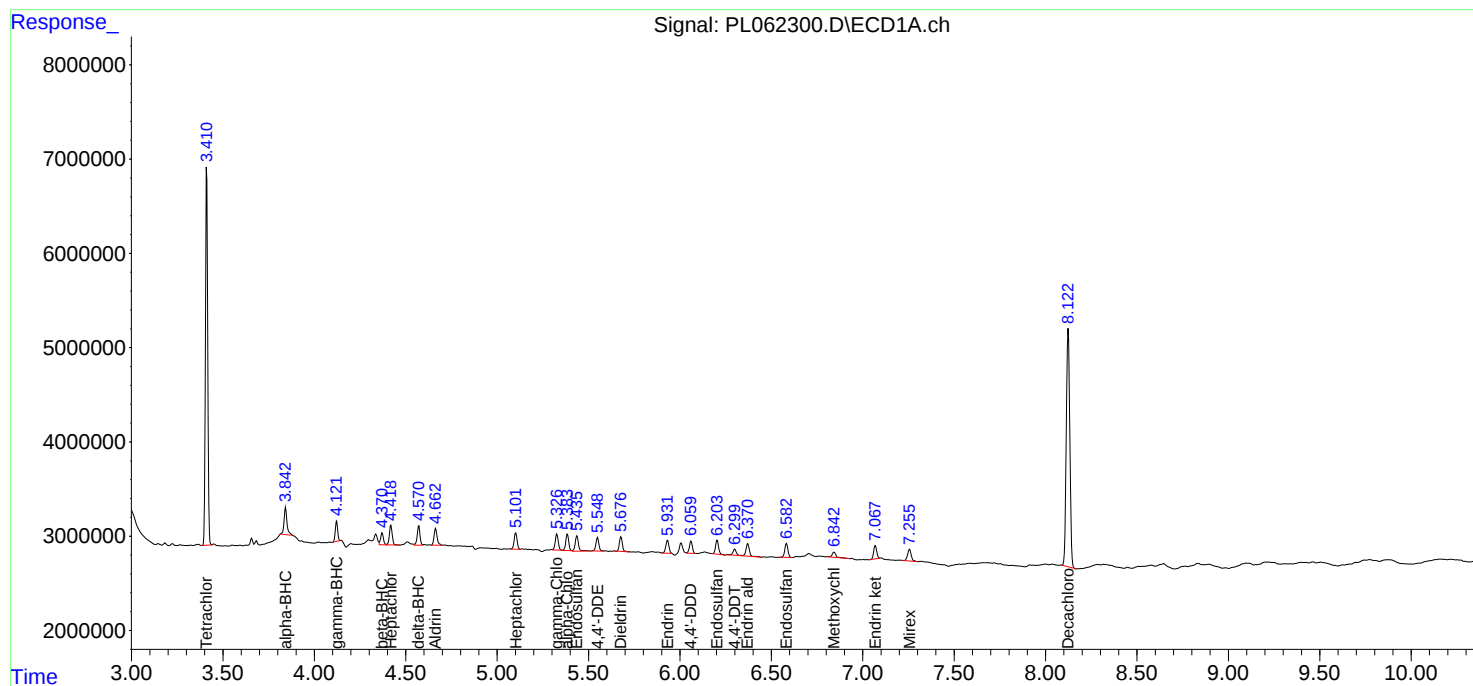
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

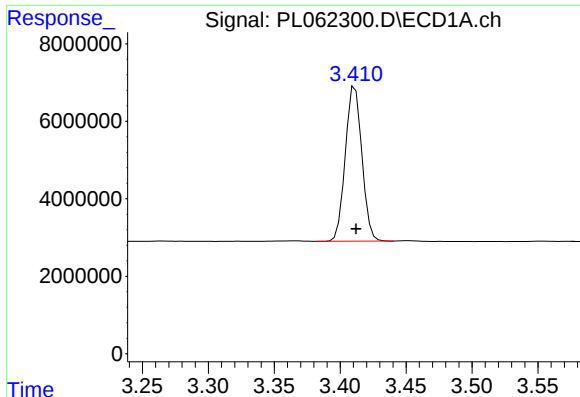
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 02:10:15 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101320.M
Quant Title : GC Extractables
QLast Update : Tue Oct 13 05:04:40 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





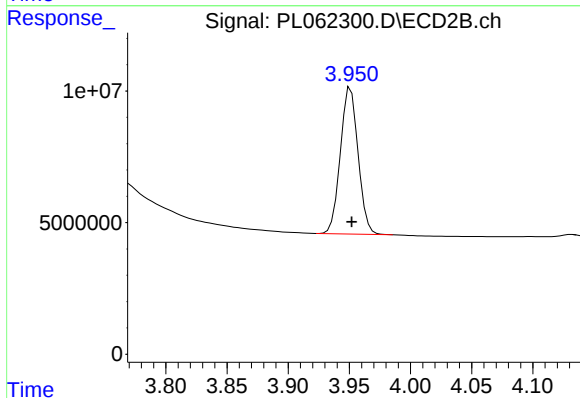
#1 Tetrachloro-m-xylene

R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 34953860
Conc: 20.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

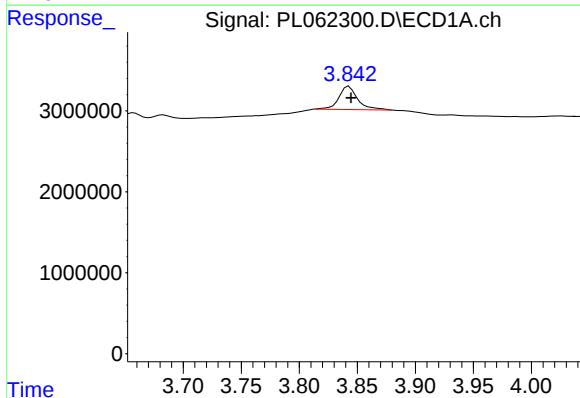
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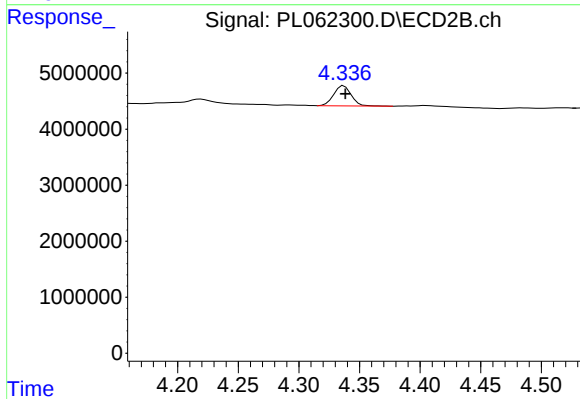
#1 Tetrachloro-m-xylene

R.T.: 3.951 min
Delta R.T.: 0.000 min
Response: 56053176
Conc: 19.89 ng/ml



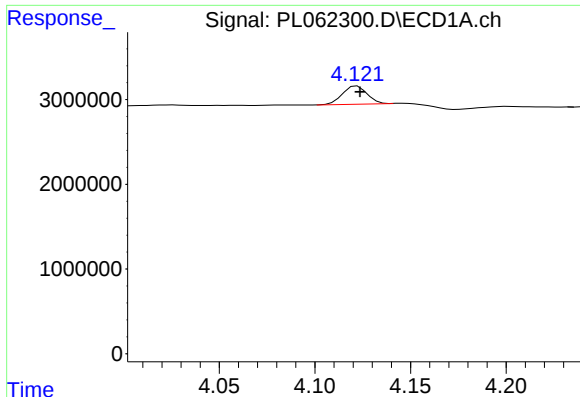
#2 alpha-BHC

R.T.: 3.843 min
Delta R.T.: -0.002 min
Response: 3220326
Conc: 1.26 ng/ml



#2 alpha-BHC

R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 3621279
Conc: 0.86 ng/ml



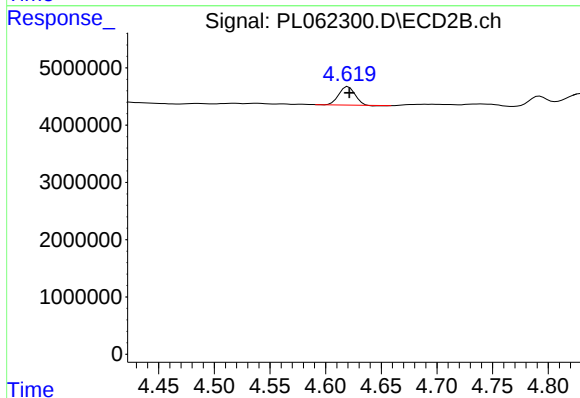
#3 gamma-BHC (Lindane)

R.T.: 4.122 min
Delta R.T.: -0.001 min
Response: 1932557
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

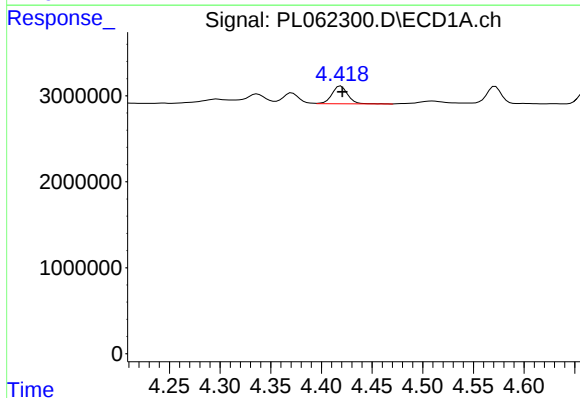
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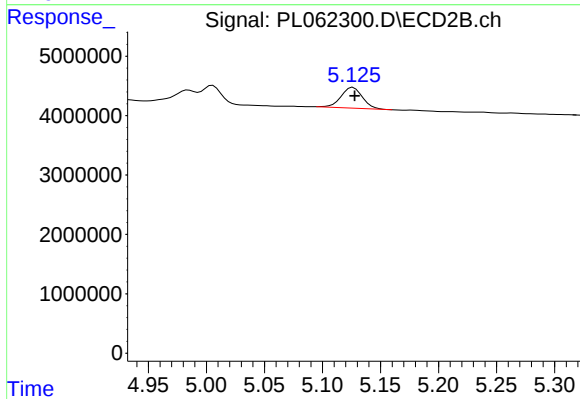
#3 gamma-BHC (Lindane)

R.T.: 4.620 min
Delta R.T.: -0.001 min
Response: 3212798
Conc: 0.82 ng/ml



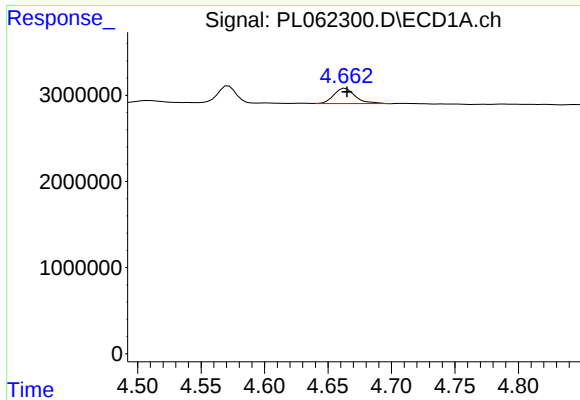
#4 Heptachlor

R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 2249473
Conc: 1.07 ng/ml



#4 Heptachlor

R.T.: 5.126 min
Delta R.T.: -0.001 min
Response: 4452216
Conc: 1.17 ng/ml



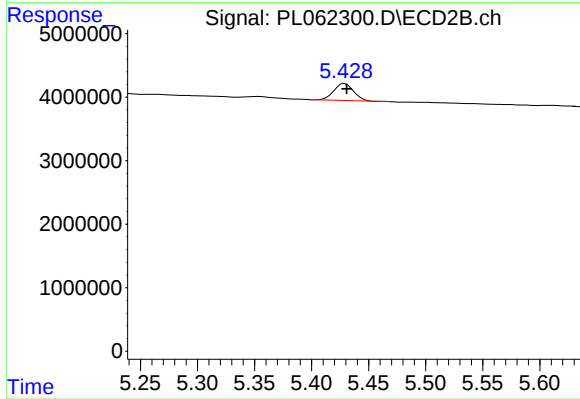
#5 Aldrin

R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 2088899
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

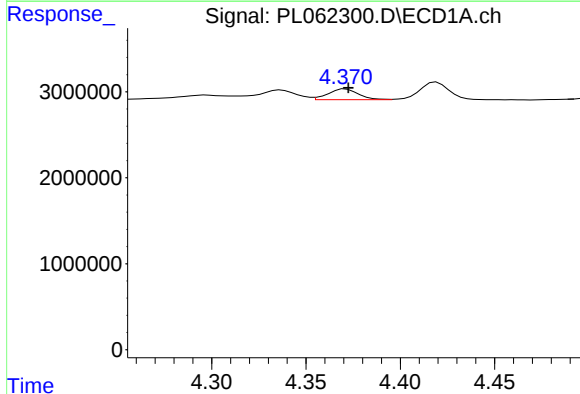
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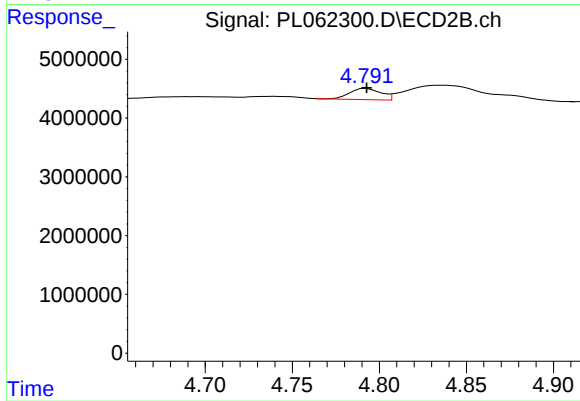
#5 Aldrin

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 3152775
Conc: 0.89 ng/ml



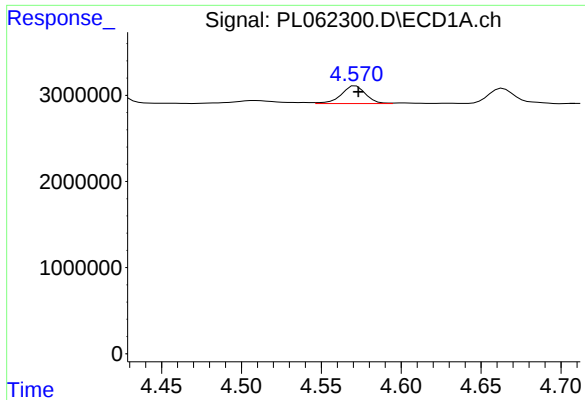
#6 beta-BHC

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 1406864
Conc: 1.46 ng/ml



#6 beta-BHC

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 2358517
Conc: 1.34 ng/ml



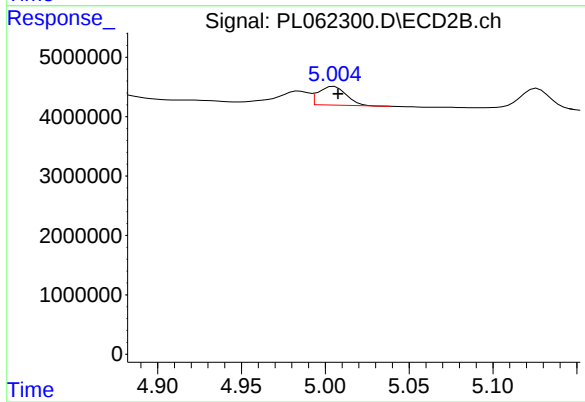
#7 delta-BHC

R.T.: 4.572 min
Delta R.T.: -0.001 min
Response: 2178518
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

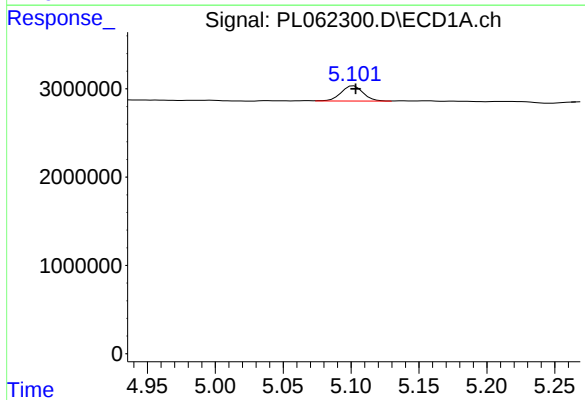
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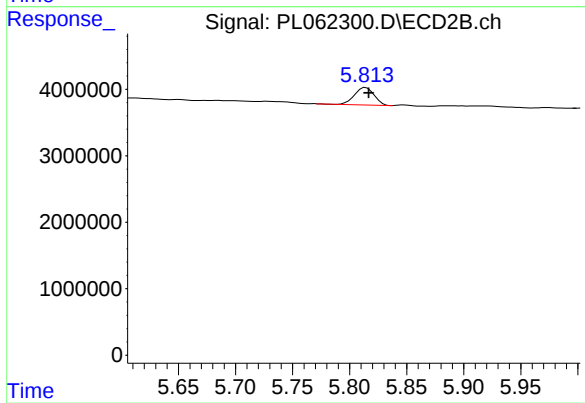
#7 delta-BHC

R.T.: 5.005 min
Delta R.T.: -0.002 min
Response: 3538272
Conc: 1.02 ng/ml



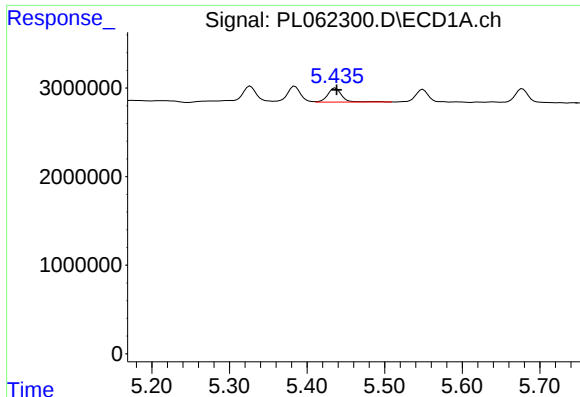
#8 Heptachlor epoxide

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 1946908
Conc: 1.07 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: -0.002 min
Response: 3139651
Conc: 0.97 ng/ml



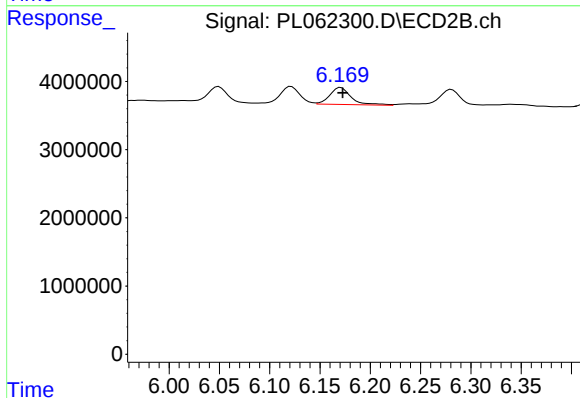
#9 Endosulfan I

R.T.: 5.437 min
Delta R.T.: -0.001 min
Response: 2013024
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

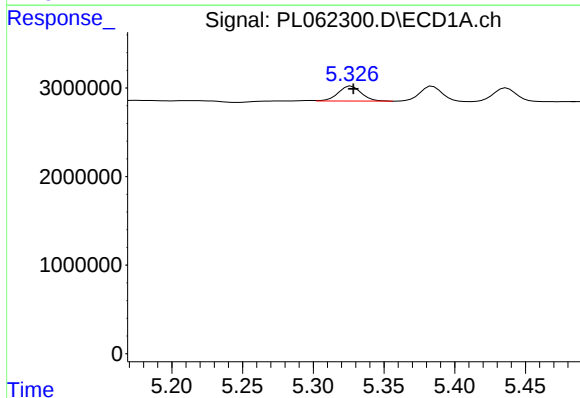
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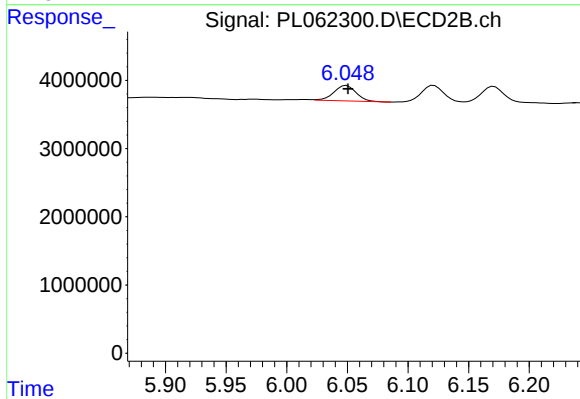
#9 Endosulfan I

R.T.: 6.171 min
Delta R.T.: -0.002 min
Response: 3679970
Conc: 1.22 ng/ml



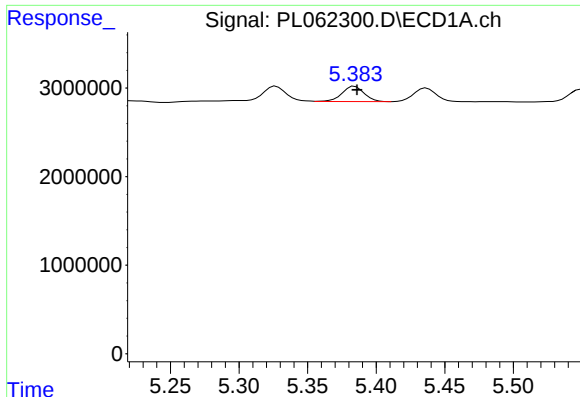
#10 gamma-Chlordane

R.T.: 5.326 min
Delta R.T.: -0.003 min
Response: 1911650
Conc: 1.06 ng/ml m



#10 gamma-Chlordane

R.T.: 6.049 min
Delta R.T.: -0.001 min
Response: 2890536
Conc: 0.88 ng/ml



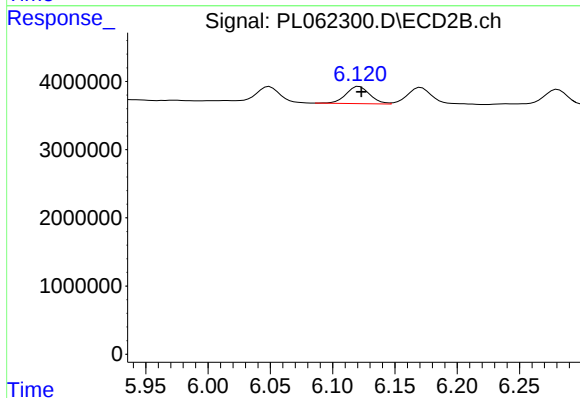
#11 alpha-Chlordane

R.T.: 5.383 min
Delta R.T.: -0.003 min
Response: 1933410
Conc: 1.07 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

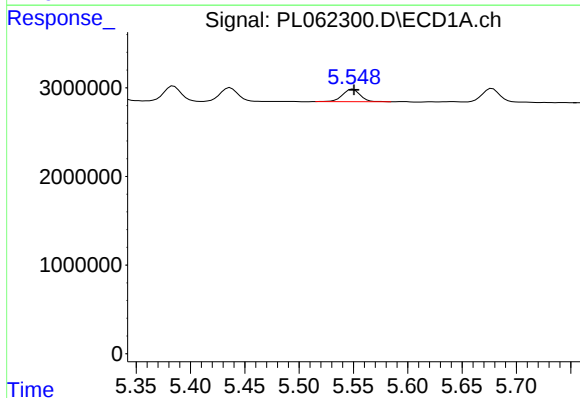
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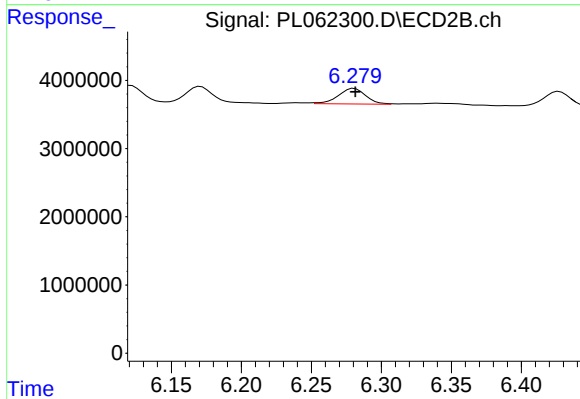
#11 alpha-Chlordane

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 3383529
Conc: 1.04 ng/ml



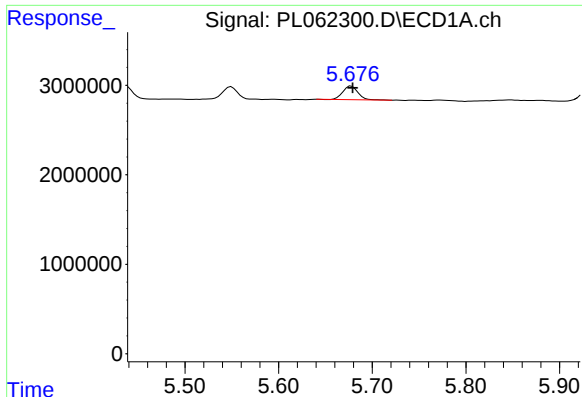
#12 4,4'-DDE

R.T.: 5.549 min
Delta R.T.: -0.001 min
Response: 1612507
Conc: 0.98 ng/ml



#12 4,4'-DDE

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 3083473
Conc: 1.01 ng/ml m



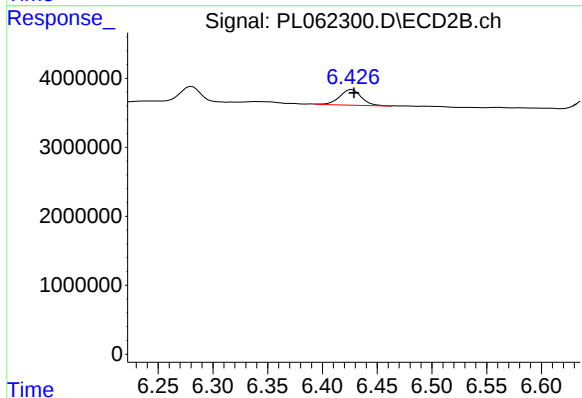
#13 Dieldrin

R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 1726759
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

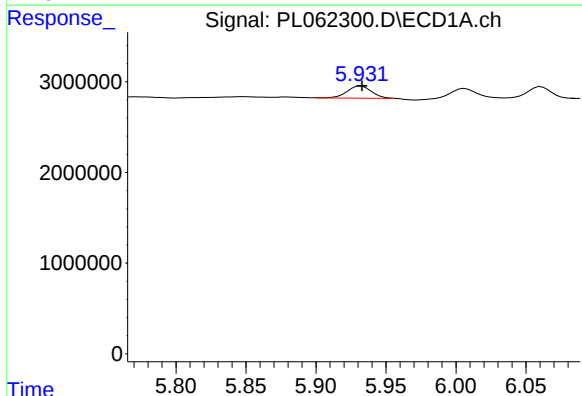
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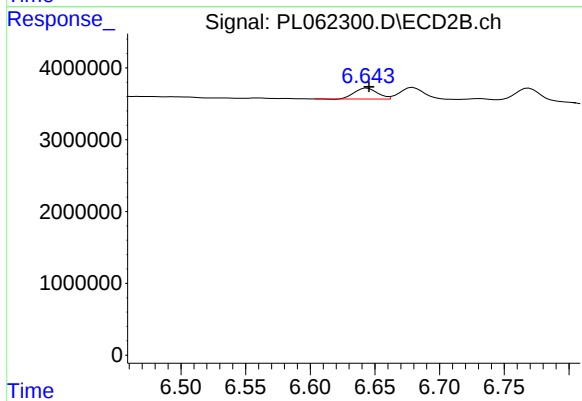
#13 Dieldrin

R.T.: 6.426 min
Delta R.T.: -0.003 min
Response: 3101532
Conc: 1.00 ng/ml m



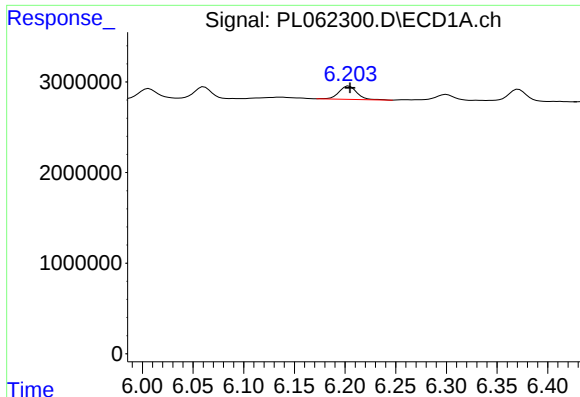
#14 Endrin

R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 1642688
Conc: 1.07 ng/ml m



#14 Endrin

R.T.: 6.644 min
Delta R.T.: -0.001 min
Response: 1890196
Conc: 0.76 ng/ml



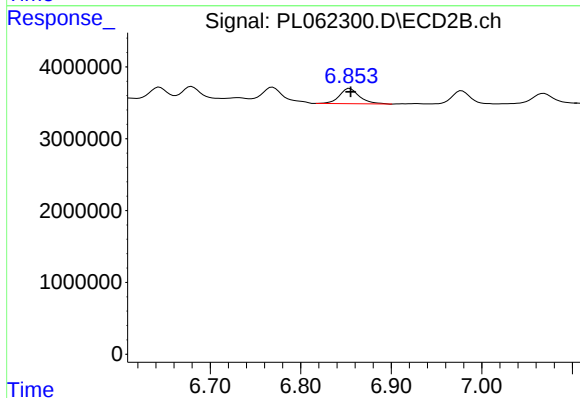
#15 Endosulfan II

R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 1805343
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

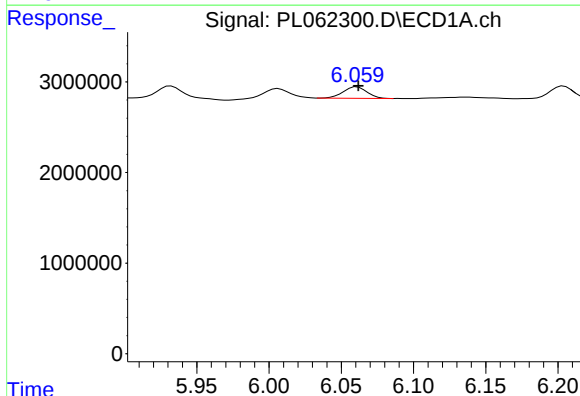
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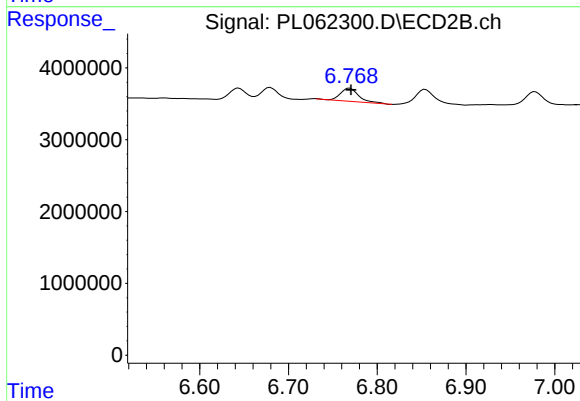
#15 Endosulfan II

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 3190973
Conc: 1.18 ng/ml



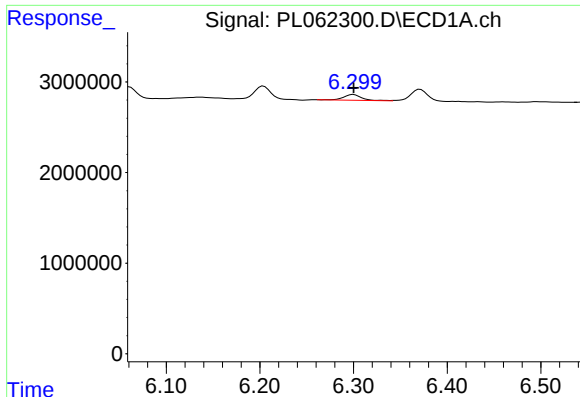
#16 4,4'-DDD

R.T.: 6.059 min
Delta R.T.: -0.002 min
Response: 1457074
Conc: 1.00 ng/ml m



#16 4,4'-DDD

R.T.: 6.769 min
Delta R.T.: -0.001 min
Response: 2660175
Conc: 1.09 ng/ml



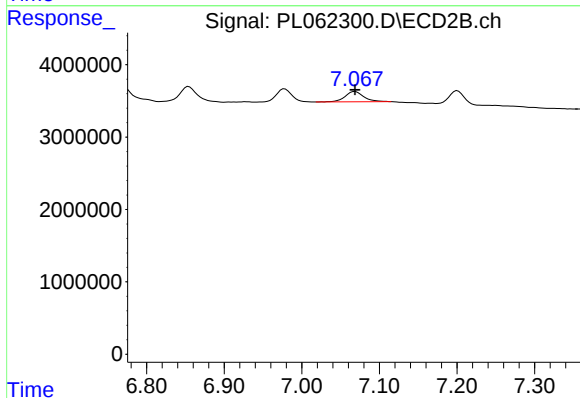
#17 4,4'-DDT

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 854552
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

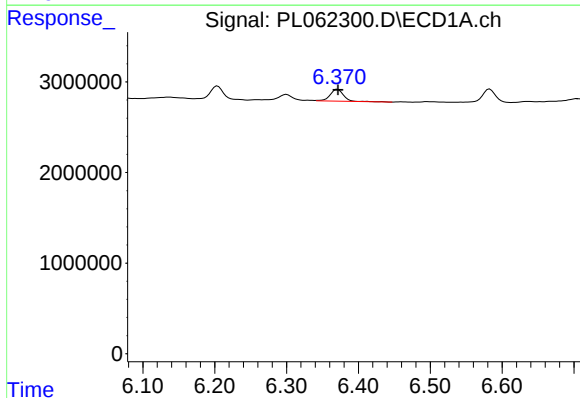
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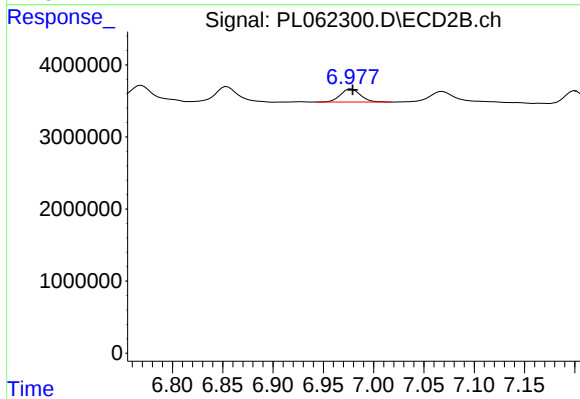
#17 4,4'-DDT

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 2384512
Conc: 1.04 ng/ml



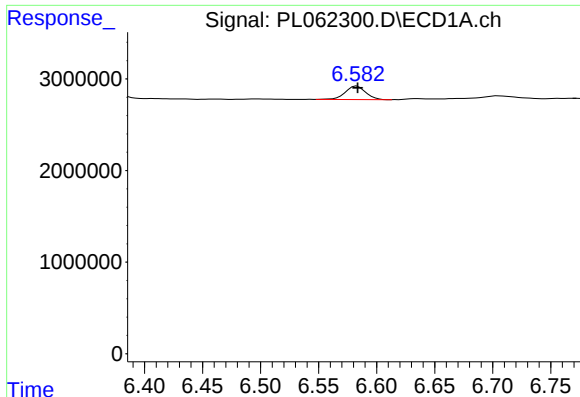
#18 Endrin aldehyde

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 1709159
Conc: 1.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 2501739
Conc: 1.06 ng/ml



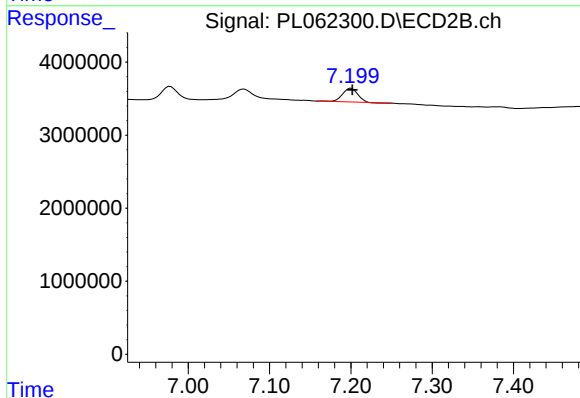
#19 Endosulfan Sulfate

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 1791984
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

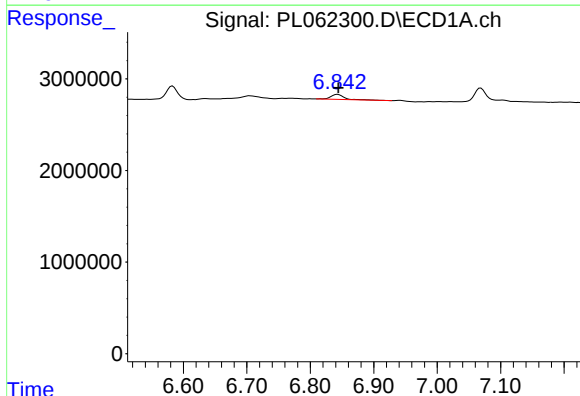
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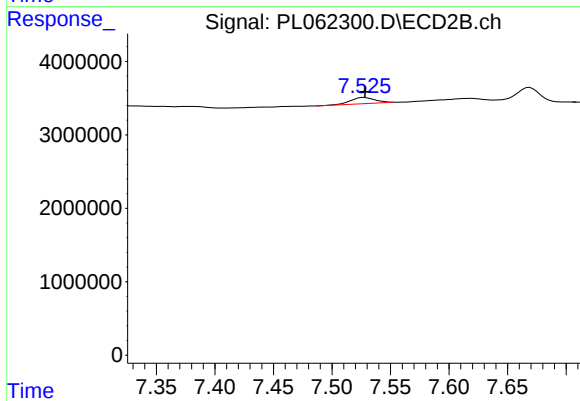
#19 Endosulfan Sulfate

R.T.: 7.200 min
Delta R.T.: -0.001 min
Response: 2376358
Conc: 0.92 ng/ml



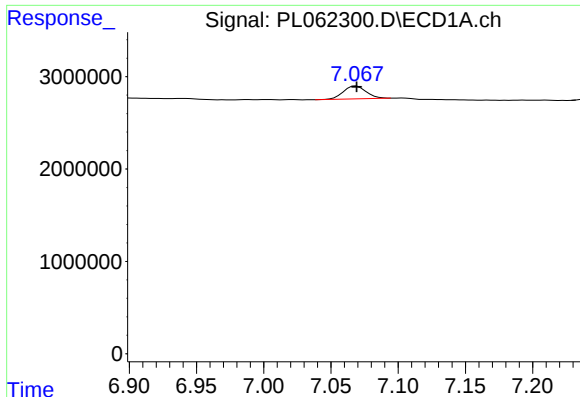
#20 Methoxychlor

R.T.: 6.843 min
Delta R.T.: -0.001 min
Response: 780205
Conc: 0.96 ng/ml



#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: -0.003 min
Response: 1236341
Conc: 0.94 ng/ml m



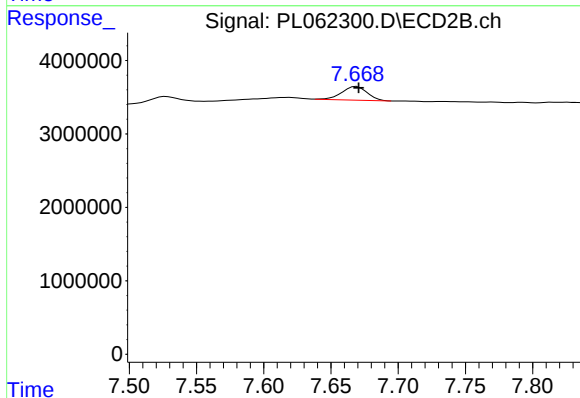
#21 Endrin ketone

R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 1641088
Conc: 0.83 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

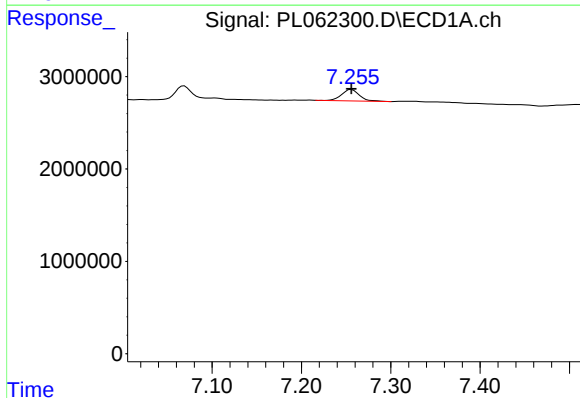
Manual Integrations
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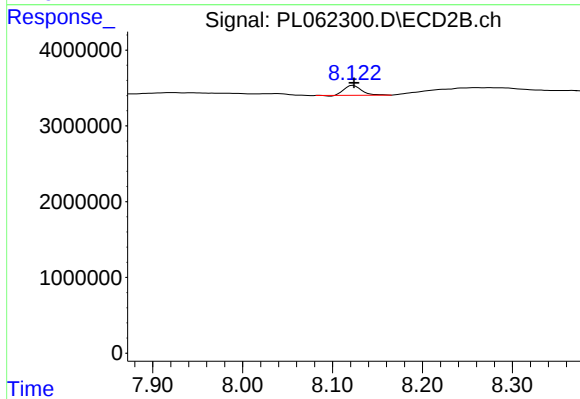
#21 Endrin ketone

R.T.: 7.668 min
Delta R.T.: -0.003 min
Response: 2443568
Conc: 0.88 ng/ml m



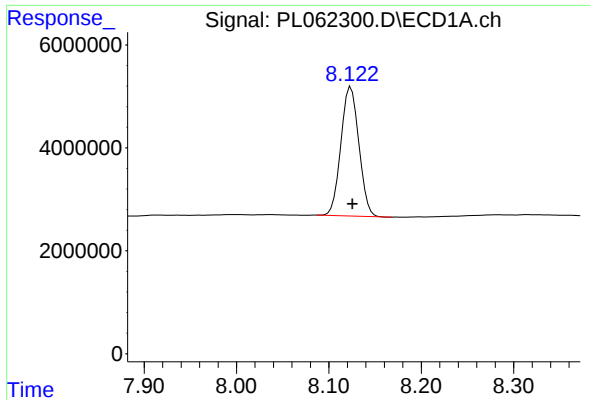
#22 Mirex

R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 1733393
Conc: 1.17 ng/ml



#22 Mirex

R.T.: 8.123 min
Delta R.T.: -0.001 min
Response: 1726857
Conc: 0.82 ng/ml



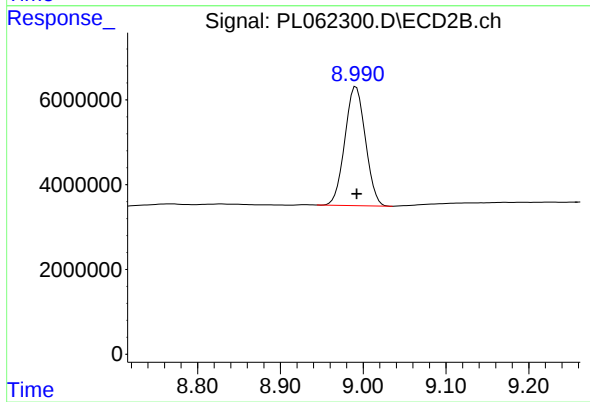
#28 Decachlorobiphenyl

R.T.: 8.124 min
Delta R.T.: -0.002 min
Response: 33870004
Conc: 18.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.991 min
Delta R.T.: 0.000 min
Response: 48389973
Conc: 17.63 ng/ml