

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
 Data File : PD082779.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2024 10:35
 Operator : AR\AJ
 Sample : P2403-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 21:59:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.571	2.776	30154494	79354196	19.477	20.023
28)	SA Decachlor...	9.129	7.907	39654757	82671302	19.858	21.388
Target Compounds							
2)	A alpha-BHC	4.028	3.275	5748280	13549934	2.099	2.172
3)	MA gamma-BHC...	4.362	3.604	5541533	13570736	2.097	2.296
4)	MA Heptachlor	4.955	3.944	6466913	13303874	2.564	2.403
5)	MB Aldrin	5.299	4.223	6124136	12430554	2.377	2.181
6)	B beta-BHC	4.558	3.901	2754107	6742866	2.630	2.824
7)	B delta-BHC	4.806	4.130	6518947	12460273	2.624m	2.153
8)	B Heptachlo...	5.725	4.724	6014842	11817695	2.579m	2.346
9)	A Endosulfan I	6.114	5.094	5623907	11516313	2.604	2.497
10)	B gamma-Chl...	5.983	4.974	6027847	12431088	2.661	2.487
11)	B alpha-Chl...	6.062	5.038	5968708	12550605	2.638	2.527
12)	B 4,4'-DDE	6.234	5.226	5605021	11484763	2.562	2.460
13)	MA Dieldrin	6.390	5.358	5559669	12014583	2.486	2.390
14)	MA Endrin	6.620	5.633	4373781	10967388	2.325	2.508
15)	B Endosulfa...	6.838	5.926	5529217	10842045	2.771m	2.596
16)	A 4,4'-DDD	6.754	5.780	3966212	9540310	2.480	2.536
17)	MA 4,4'-DDT	7.069	6.032	4106173	8528222	2.432	2.224
18)	B Endrin al...	6.970	6.106	3848073	9274417	2.748	2.971
19)	B Endosulfa...	7.205	6.329	4695362	10684678	2.661	2.680
20)	A Methoxychlor	7.544	6.607	2378219	5214437	2.594m	2.566
21)	B Endrin ke...	7.692	6.835	5141475	11965234	2.675	2.632
22)	Mirex	8.169	7.016	4474124	10129764	2.919	2.835

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
Data File : PD082779.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2024 10:35
Operator : AR\AJ
Sample : P2403-01
Misc : PEST LOD 2.5PPB
ALS Vial : 10 Sample Multiplier: 1

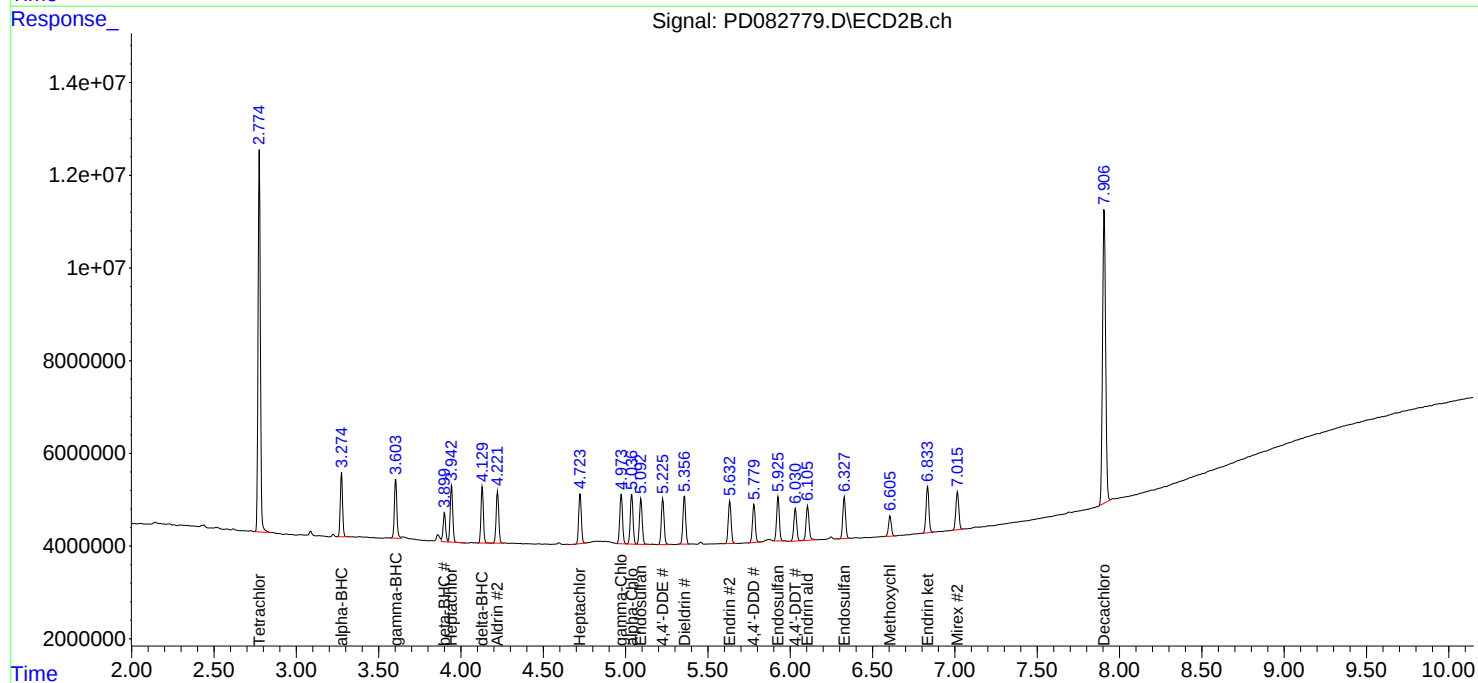
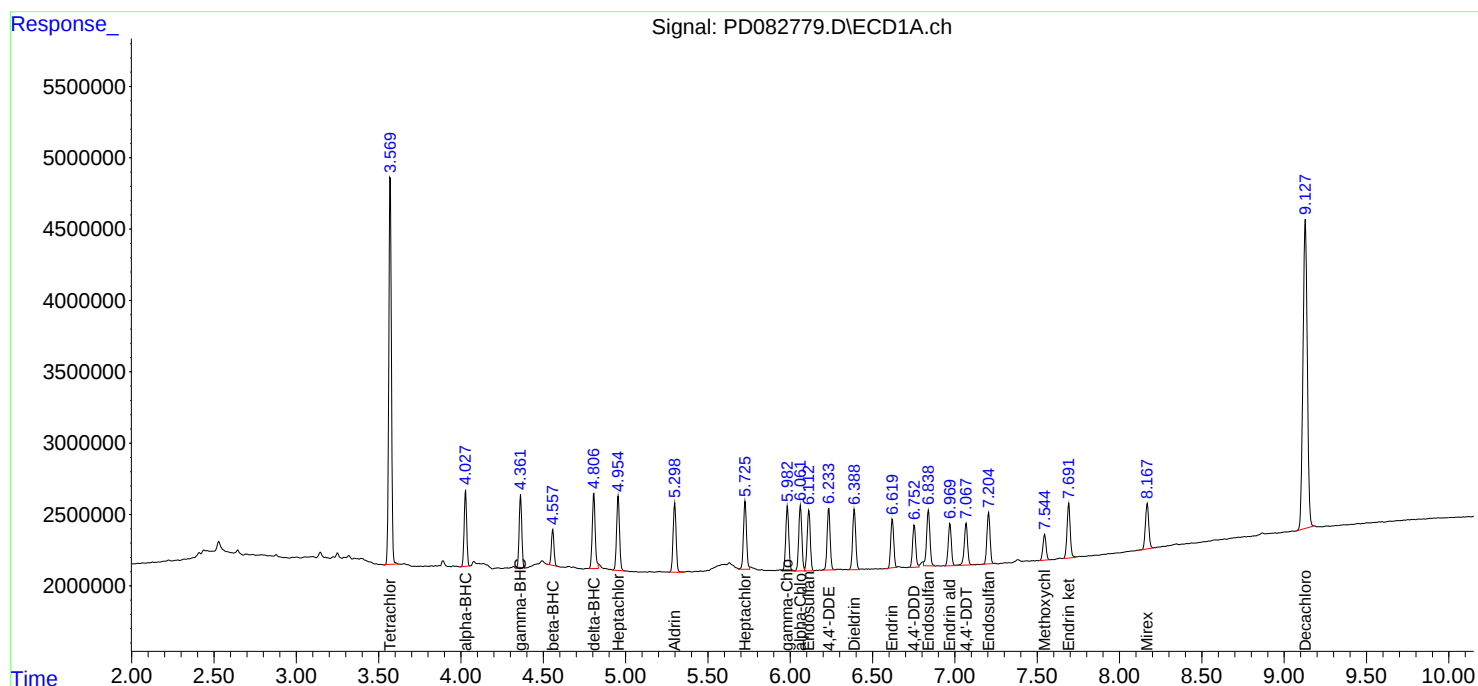
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

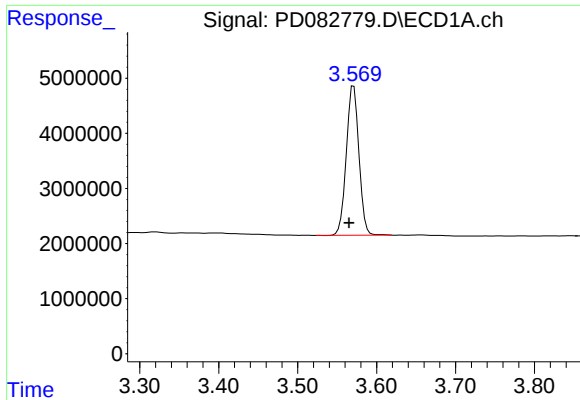
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 21:59:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





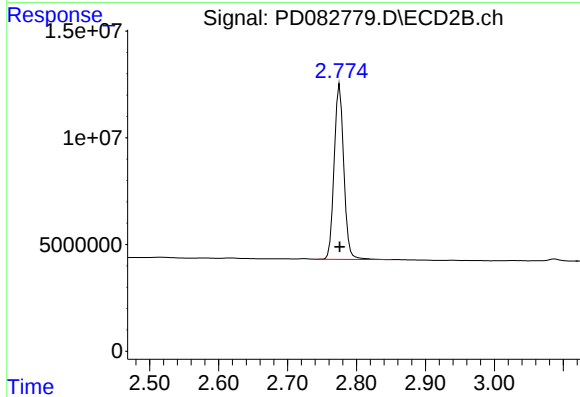
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.006 min
Response: 30154494
Conc: 19.48 ng/ml

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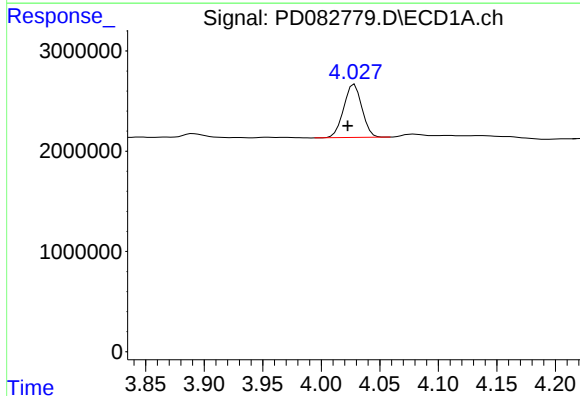
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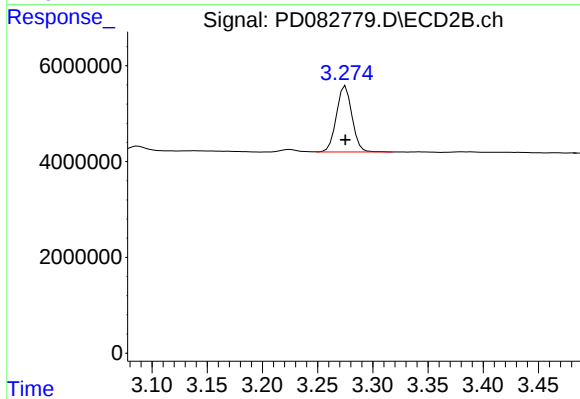
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 79354196
Conc: 20.02 ng/ml



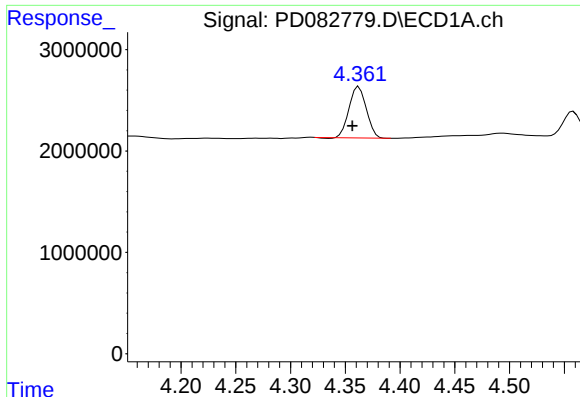
#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.006 min
Response: 5748280
Conc: 2.10 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 13549934
Conc: 2.17 ng/ml



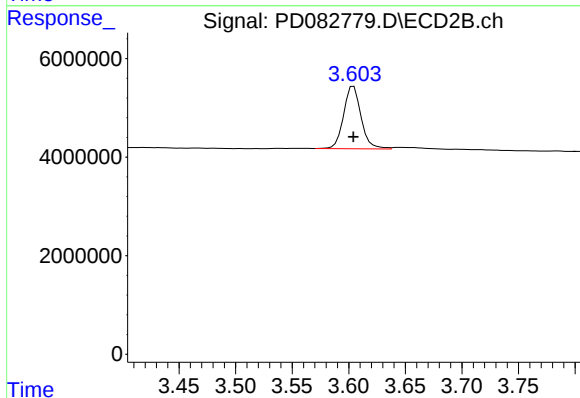
#3 gamma-BHC (Lindane)

R.T.: 4.362 min
Delta R.T.: 0.006 min
Response: 5541533
Conc: 2.10 ng/ml

Instrument :
ECD_D
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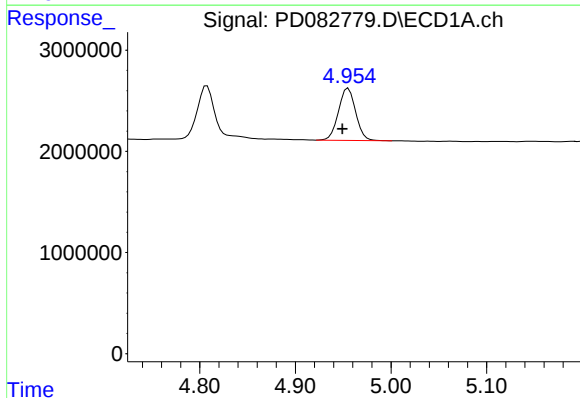
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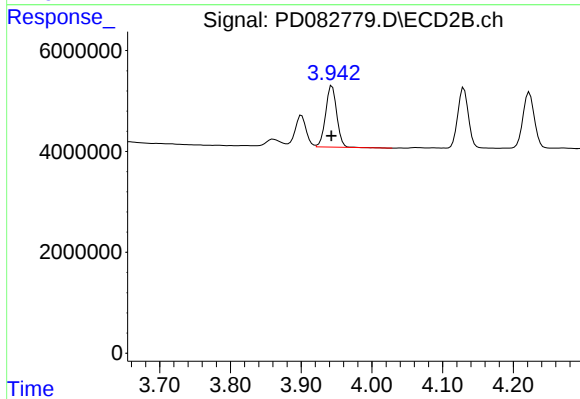
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 13570736
Conc: 2.30 ng/ml



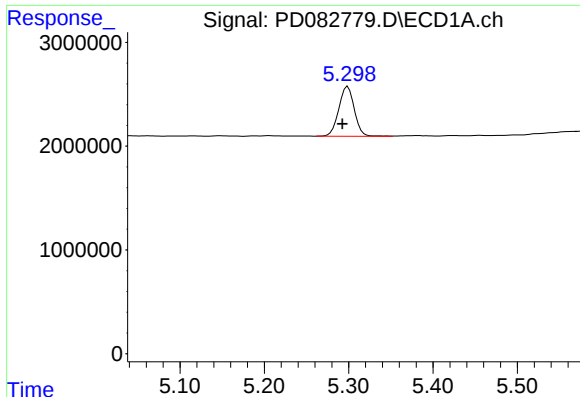
#4 Heptachlor

R.T.: 4.955 min
Delta R.T.: 0.006 min
Response: 6466913
Conc: 2.56 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 13303874
Conc: 2.40 ng/ml



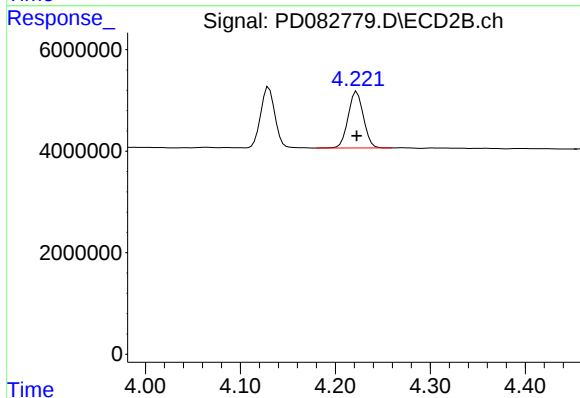
#5 Aldrin

R.T.: 5.299 min
Delta R.T.: 0.006 min
Response: 6124136
Conc: 2.38 ng/ml

Instrument :
ECD_D
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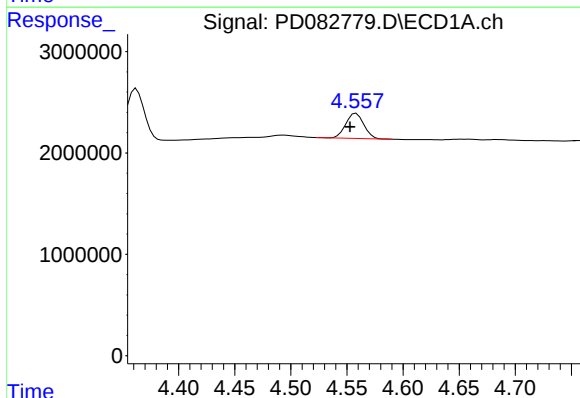
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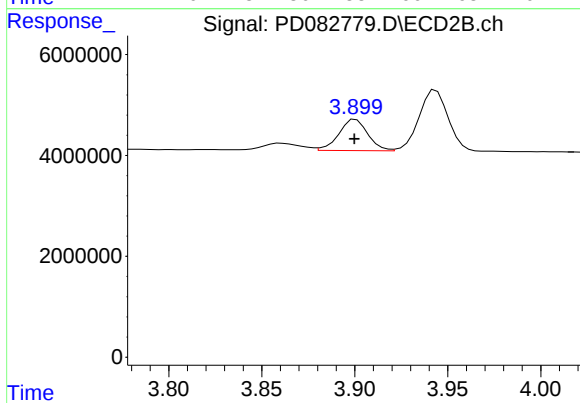
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 12430554
Conc: 2.18 ng/ml



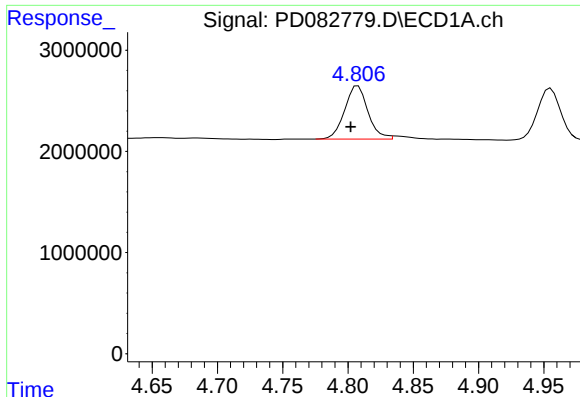
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: 0.006 min
Response: 2754107
Conc: 2.63 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 6742866
Conc: 2.82 ng/ml



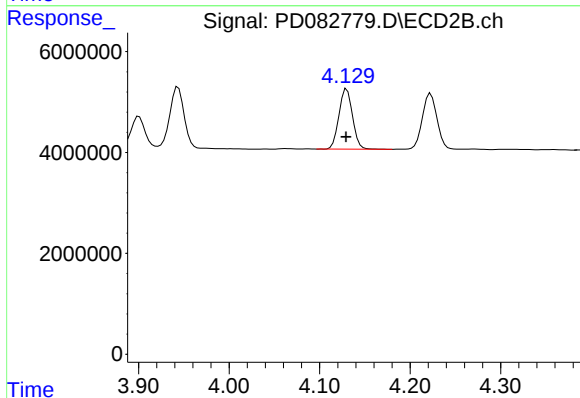
#7 delta-BHC

R.T.: 4.806 min
Delta R.T.: 0.004 min
Response: 6518947
Conc: 2.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

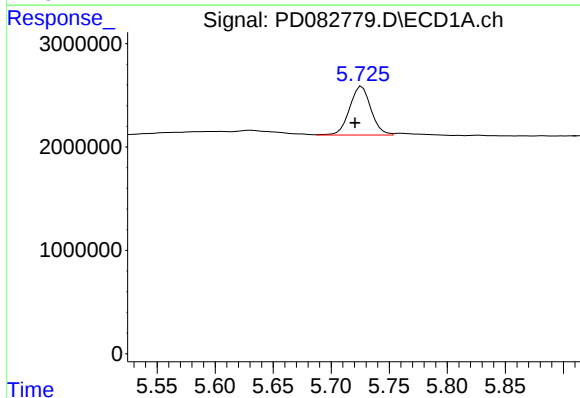
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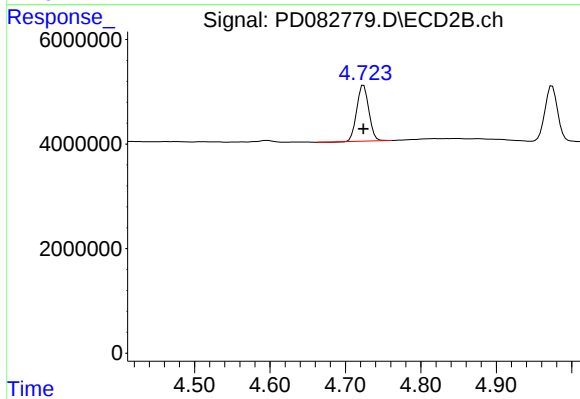
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 12460273
Conc: 2.15 ng/ml



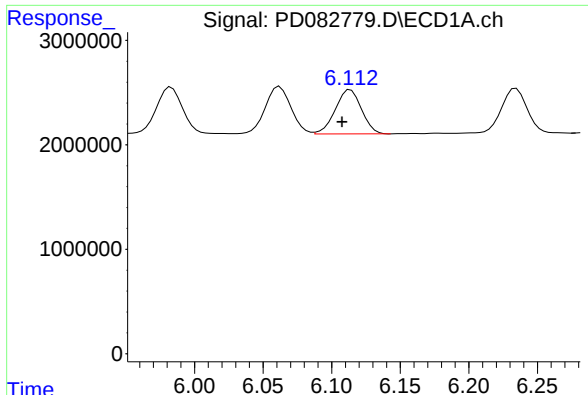
#8 Heptachlor epoxide

R.T.: 5.725 min
Delta R.T.: 0.004 min
Response: 6014842
Conc: 2.58 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 11817695
Conc: 2.35 ng/ml



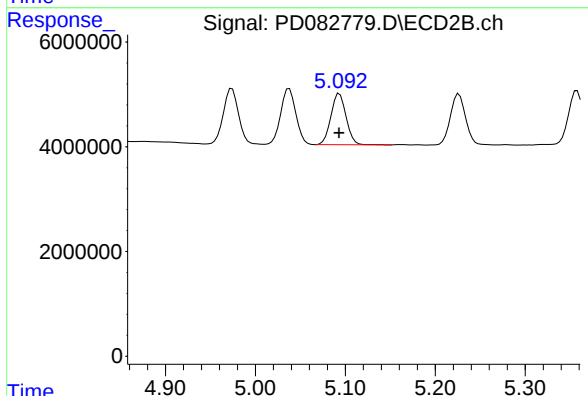
#9 Endosulfan I

R.T.: 6.114 min
Delta R.T.: 0.006 min
Response: 5623907
Conc: 2.60 ng/ml

Instrument :
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LOD-MDL-SOIL-01-QT2-2024

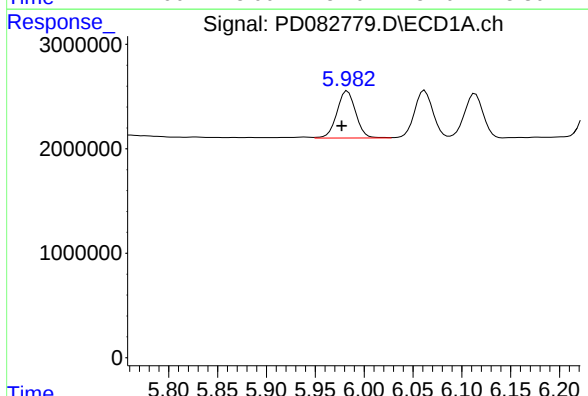
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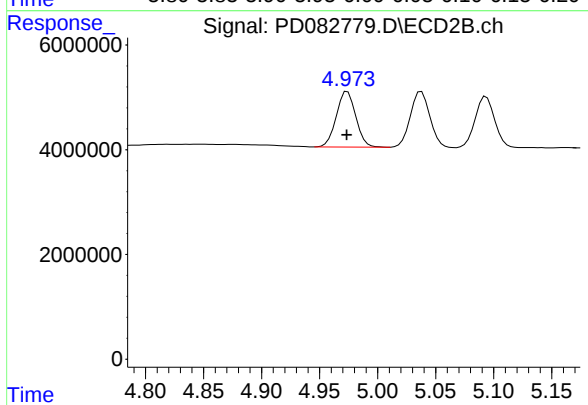
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 11516313
Conc: 2.50 ng/ml



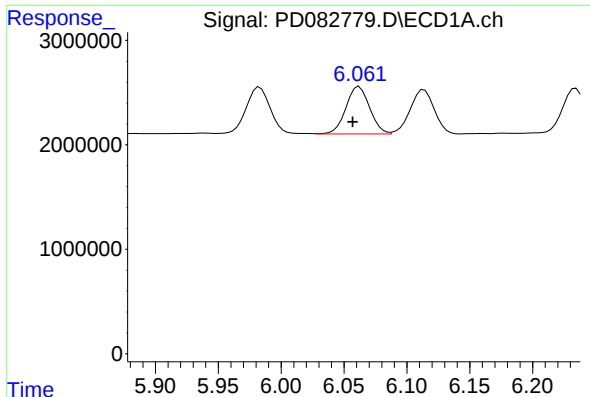
#10 gamma-Chlordane

R.T.: 5.983 min
Delta R.T.: 0.006 min
Response: 6027847
Conc: 2.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 12431088
Conc: 2.49 ng/ml



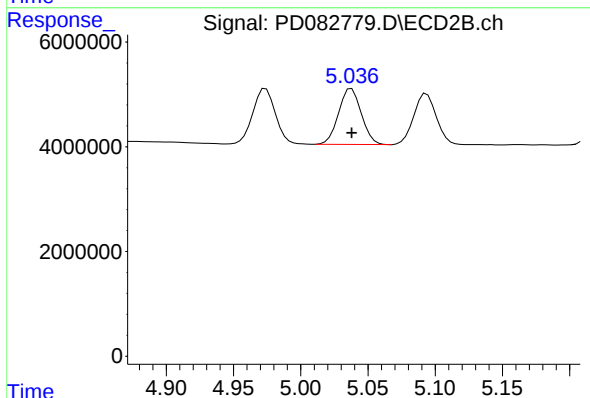
#11 alpha-Chlordane

R.T.: 6.062 min
Delta R.T.: 0.005 min
Response: 5968708
Conc: 2.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
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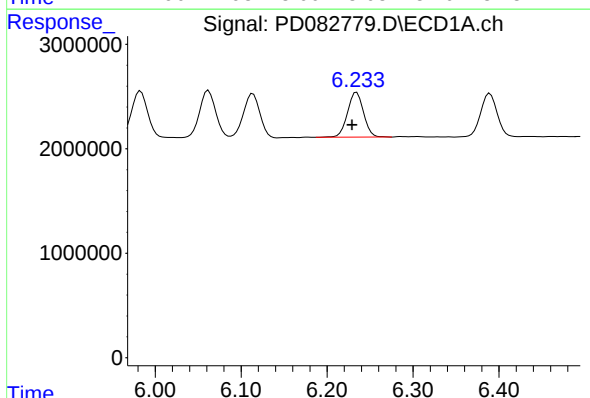
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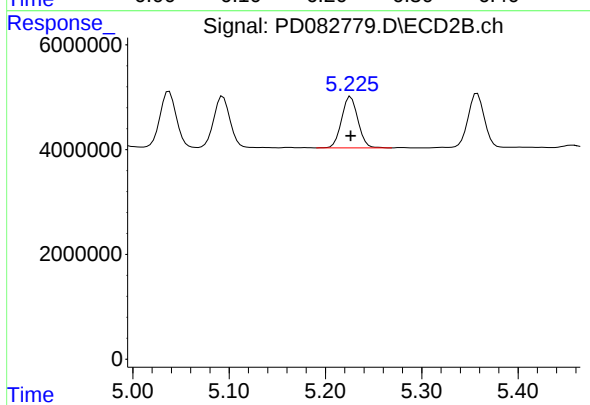
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 12550605
Conc: 2.53 ng/ml



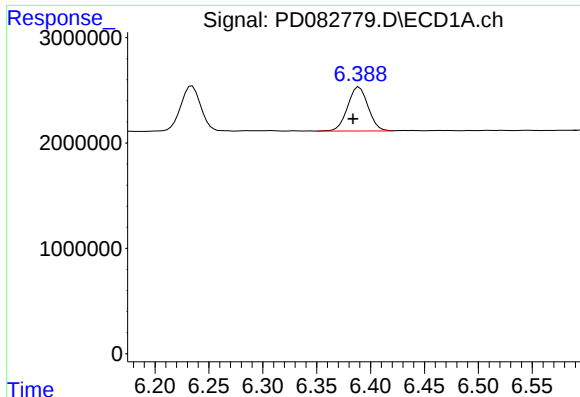
#12 4,4'-DDE

R.T.: 6.234 min
Delta R.T.: 0.005 min
Response: 5605021
Conc: 2.56 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 11484763
Conc: 2.46 ng/ml



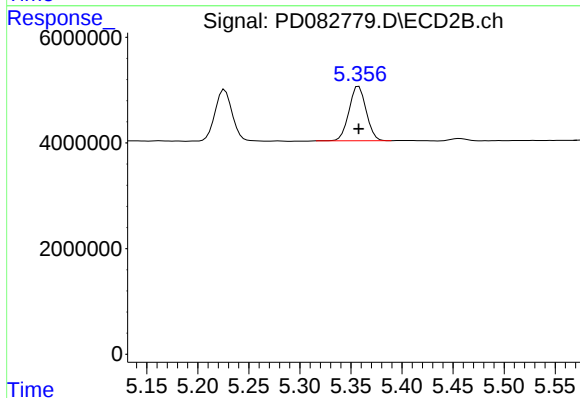
#13 Dieldrin

R.T.: 6.390 min
Delta R.T.: 0.006 min
Response: 5559669
Conc: 2.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

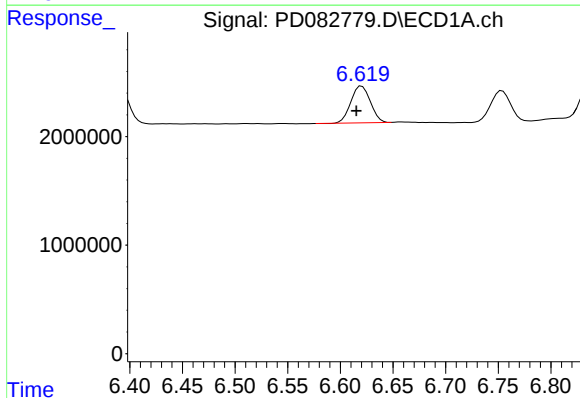
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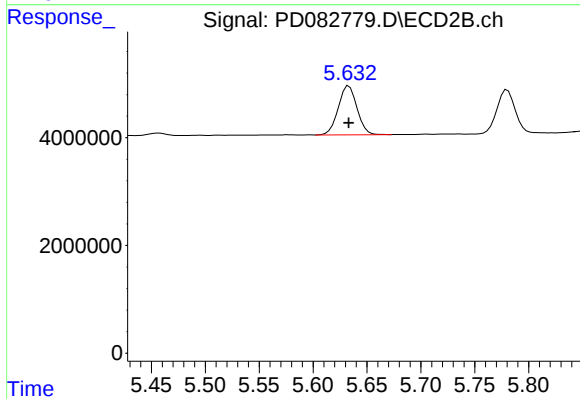
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 12014583
Conc: 2.39 ng/ml



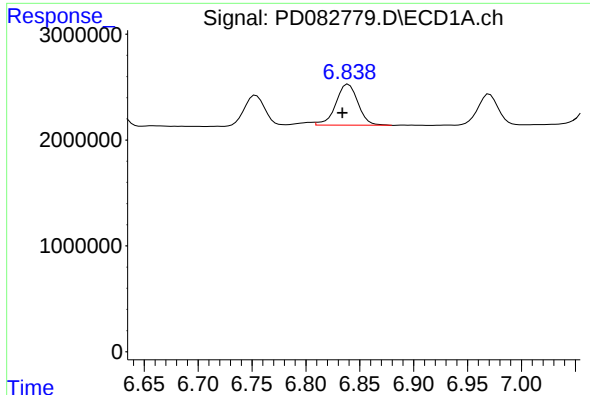
#14 Endrin

R.T.: 6.620 min
Delta R.T.: 0.005 min
Response: 4373781
Conc: 2.32 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 10967388
Conc: 2.51 ng/ml



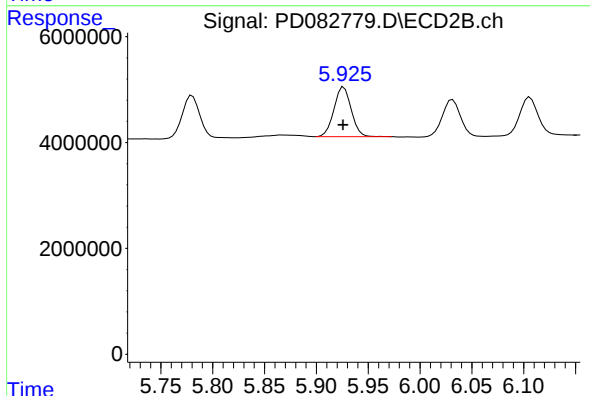
#15 Endosulfan II

R.T.: 6.838 min
Delta R.T.: 0.004 min
Response: 5529217
Conc: 2.77 ng/ml

Instrument :
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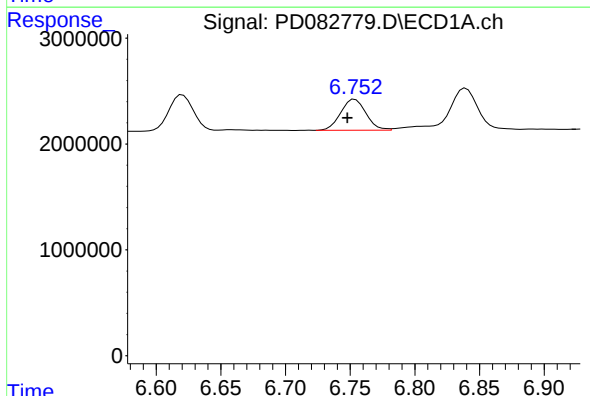
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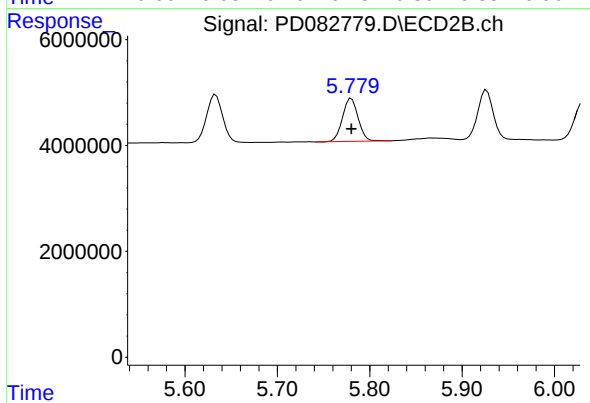
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 10842045
Conc: 2.60 ng/ml



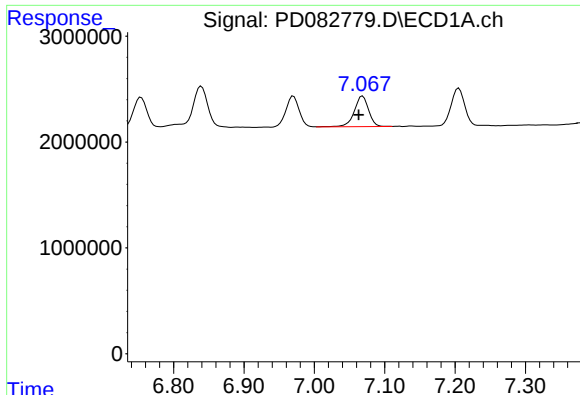
#16 4,4'-DDD

R.T.: 6.754 min
Delta R.T.: 0.006 min
Response: 3966212
Conc: 2.48 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 9540310
Conc: 2.54 ng/ml



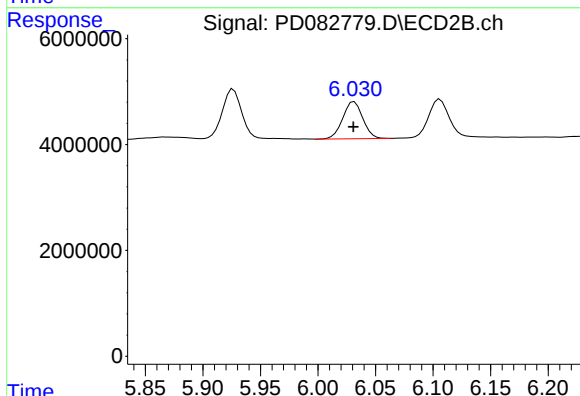
#17 4,4'-DDT

R.T.: 7.069 min
Delta R.T.: 0.006 min
Response: 4106173
Conc: 2.43 ng/ml

Instrument :
ECD_D
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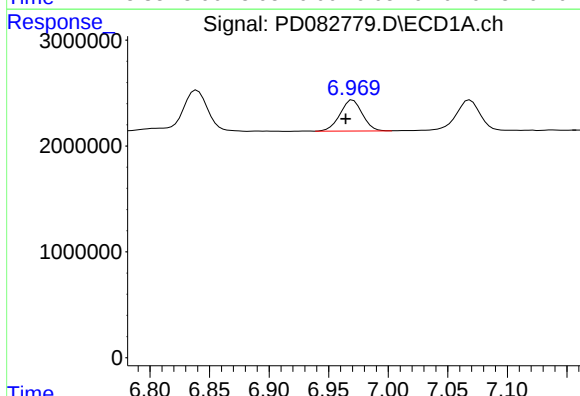
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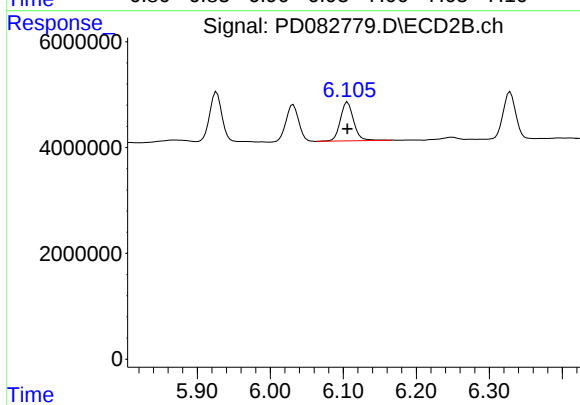
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 8528222
Conc: 2.22 ng/ml



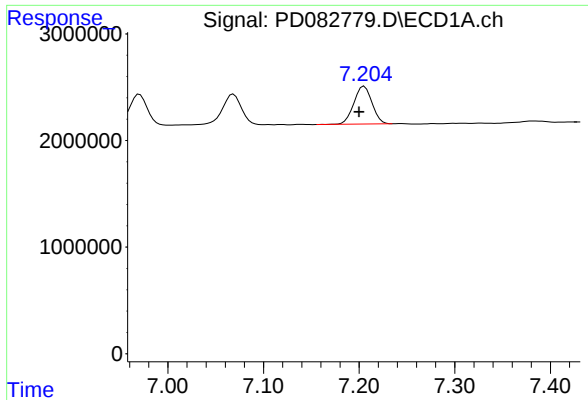
#18 Endrin aldehyde

R.T.: 6.970 min
Delta R.T.: 0.006 min
Response: 3848073
Conc: 2.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 9274417
Conc: 2.97 ng/ml



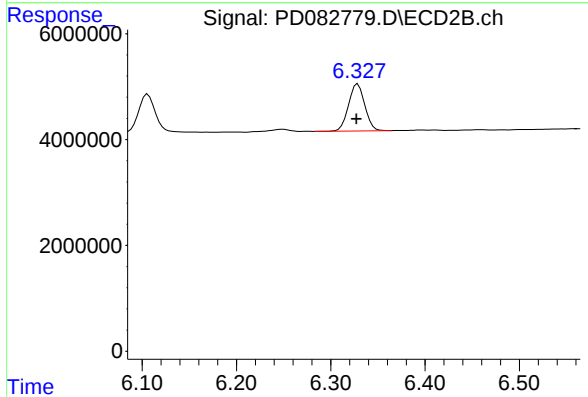
#19 Endosulfan Sulfate

R.T.: 7.205 min
Delta R.T.: 0.005 min
Response: 4695362
Conc: 2.66 ng/ml

Instrument :
ECD_D
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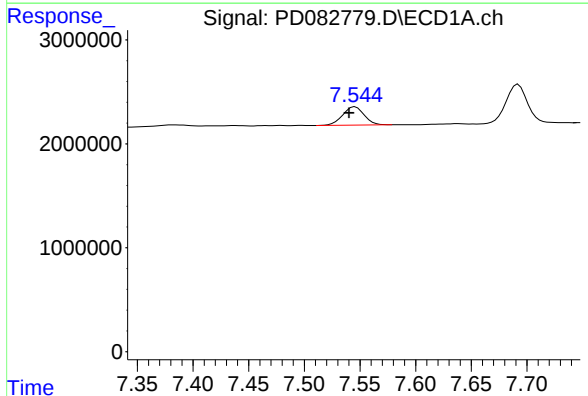
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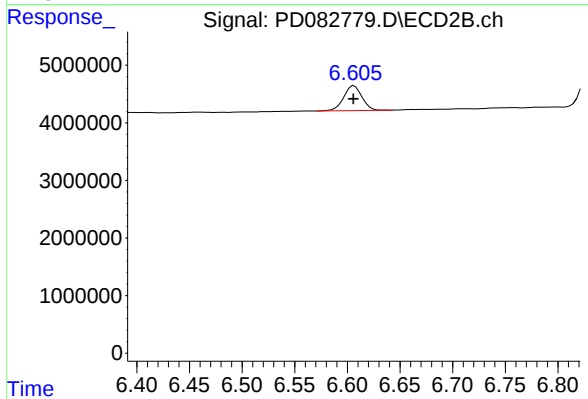
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.001 min
Response: 10684678
Conc: 2.68 ng/ml



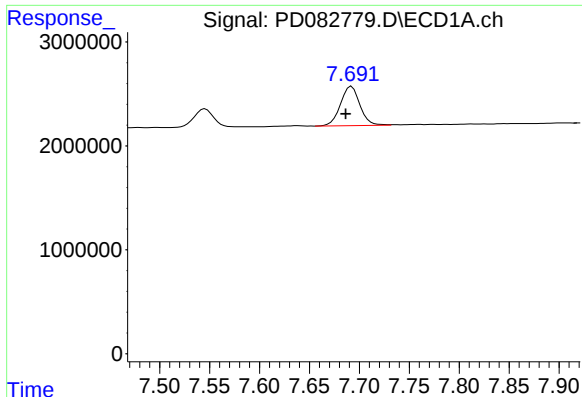
#20 Methoxychlor

R.T.: 7.544 min
Delta R.T.: 0.004 min
Response: 2378219
Conc: 2.59 ng/ml m



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 5214437
Conc: 2.57 ng/ml



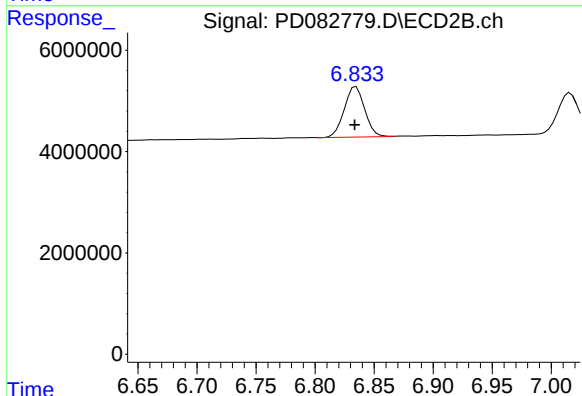
#21 Endrin ketone

R.T.: 7.692 min
Delta R.T.: 0.006 min
Response: 5141475
Conc: 2.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

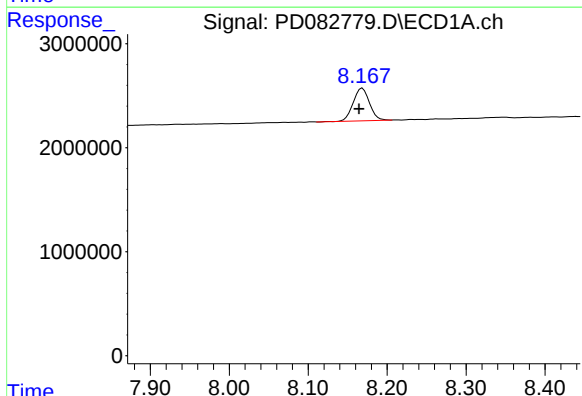
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



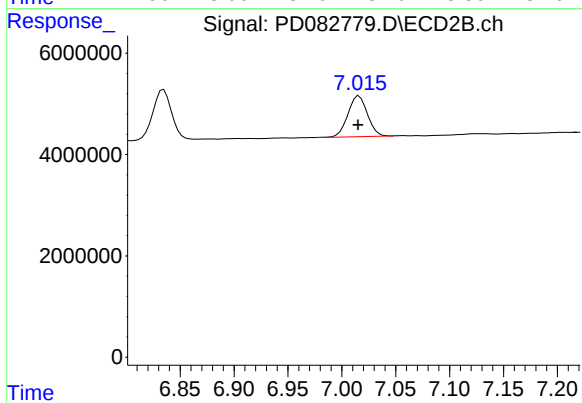
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.001 min
Response: 11965234
Conc: 2.63 ng/ml



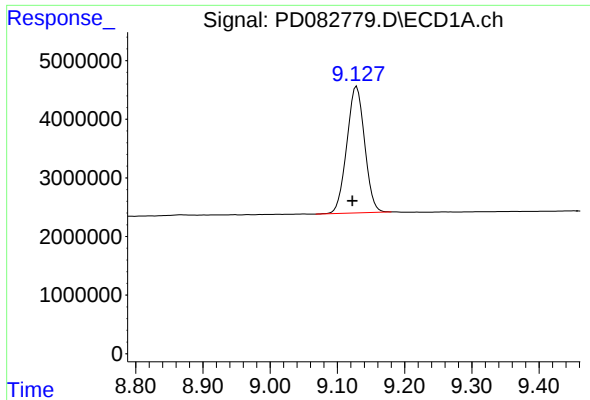
#22 Mirex

R.T.: 8.169 min
Delta R.T.: 0.004 min
Response: 4474124
Conc: 2.92 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 10129764
Conc: 2.84 ng/ml



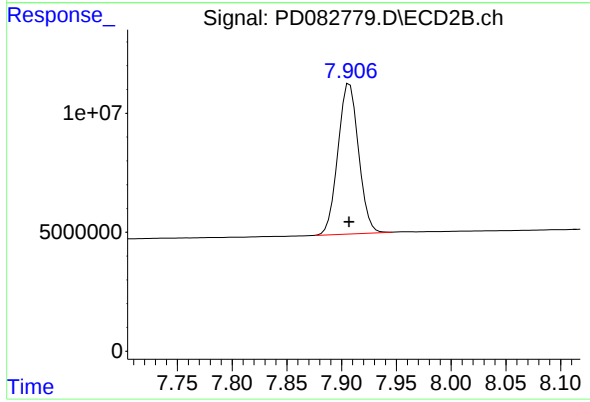
#28 Decachlorobiphenyl

R.T.: 9.129 min
Delta R.T.: 0.006 min
Response: 39654757
Conc: 19.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 82671302
Conc: 21.39 ng/ml