

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111622\
 Data File : PL079159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Nov 2022 18:41
 Operator : AR\AJ
 Sample : N5317-21DL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-SOILD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/17/2022
 Supervised By :Ankita Jodhani 11/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 02:41:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111622.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 16 15:31:11 2022
 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...	3.321	2.567	3028824	3057923	1.454	1.201
2)	SA Decachlor...	8.769	7.636	1906365	3068982	1.140	1.479 #
Target Compounds							
2)	A alpha-BHC	3.781	3.053	112.0E6	140.6E6	35.541	34.770
3)	MA gamma-BHC...	4.114	3.374	158.4E6	186.2E6	52.769	52.495
4)	MA Heptachlor	4.684	3.701	190.6E6	234.6E6	63.720	64.583
5)	MB Aldrin	5.023	3.973	174.8E6	204.3E6	62.458	58.495
6)	B beta-BHC	4.329	3.674	19456705	15215699	14.795	10.885m#
7)	B delta-BHC	4.569	3.894	17335214	31742507	7.655	8.840
8)	B Heptachlo...	5.456	4.470	137.6E6	161.9E6	58.212	52.142
9)	A Endosulfan I	5.840	4.832	44411089	54859902	18.493	18.563
10)	B gamma-Chl...	5.711	4.717	87483616	98777122	34.226	31.880
11)	B alpha-Chl...	5.788	4.779	123.2E6	139.5E6	47.877	45.712
12)	B 4,4'-DDE	5.971	4.974	84053898	104.5E6	36.791	36.500
13)	MA Dieldrin	6.118	5.094	120.5E6	148.3E6	49.691	48.226
14)	MA Endrin	6.348	5.364	62812938	79400319	28.386	30.400
15)	B Endosulfa...	6.578	5.661	39480187	52466032	17.503	19.600
16)	A 4,4'-DDD	6.496	5.525	78152286	98456781	44.499	42.102
17)	MA 4,4'-DDT	6.805	5.772	56743378	58911971	27.222	24.136
18)	B Endrin al...	6.709	5.840	29122170	36351414	18.220	17.416
19)	B Endosulfa...	6.943	6.062	59112227	73094853	29.410	28.015
20)	A Methoxychlor	7.291	6.349	11138349	13793155	10.448	10.441
21)	B Endrin ke...	7.429	6.559	72376281	95344203	34.762	33.708

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111622\
Data File : PL079159.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Nov 2022 18:41
Operator : AR\AJ
Sample : N5317-21DL
Misc :
ALS Vial : 10 Sample Multiplier: 1

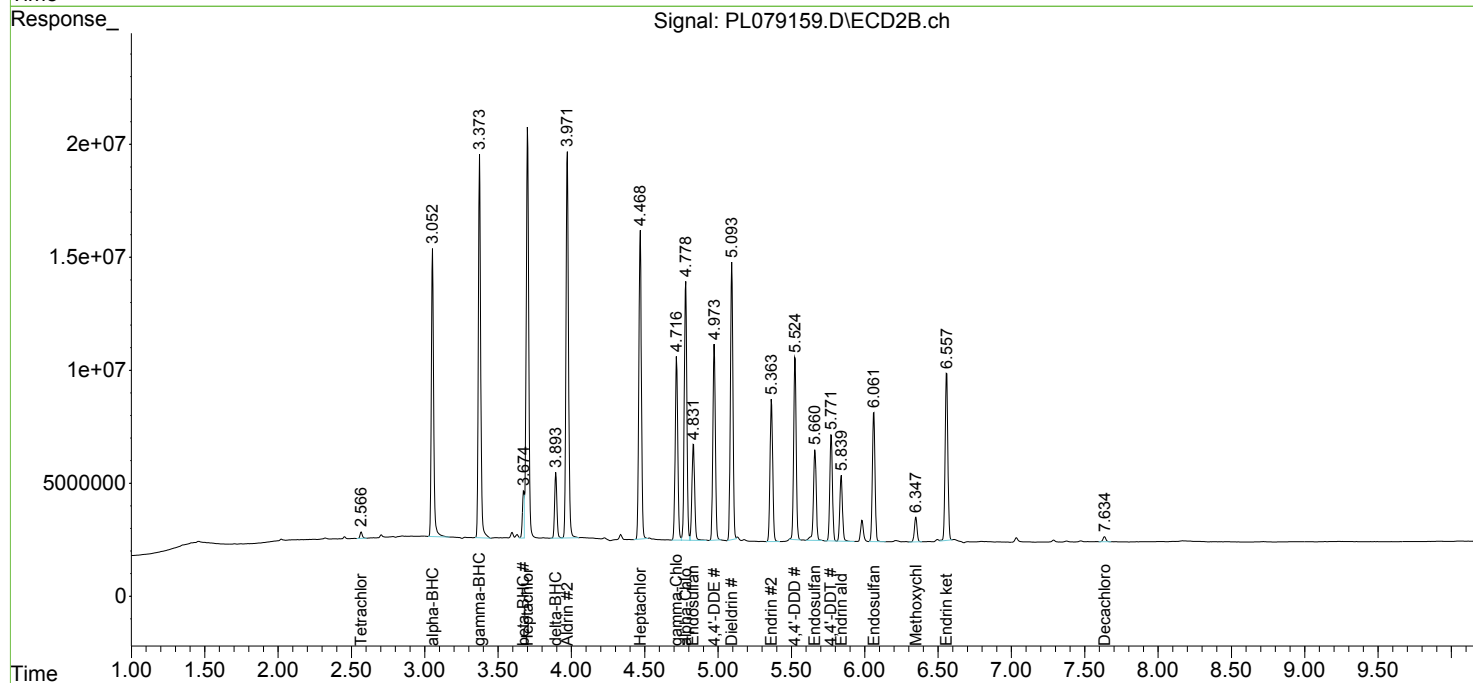
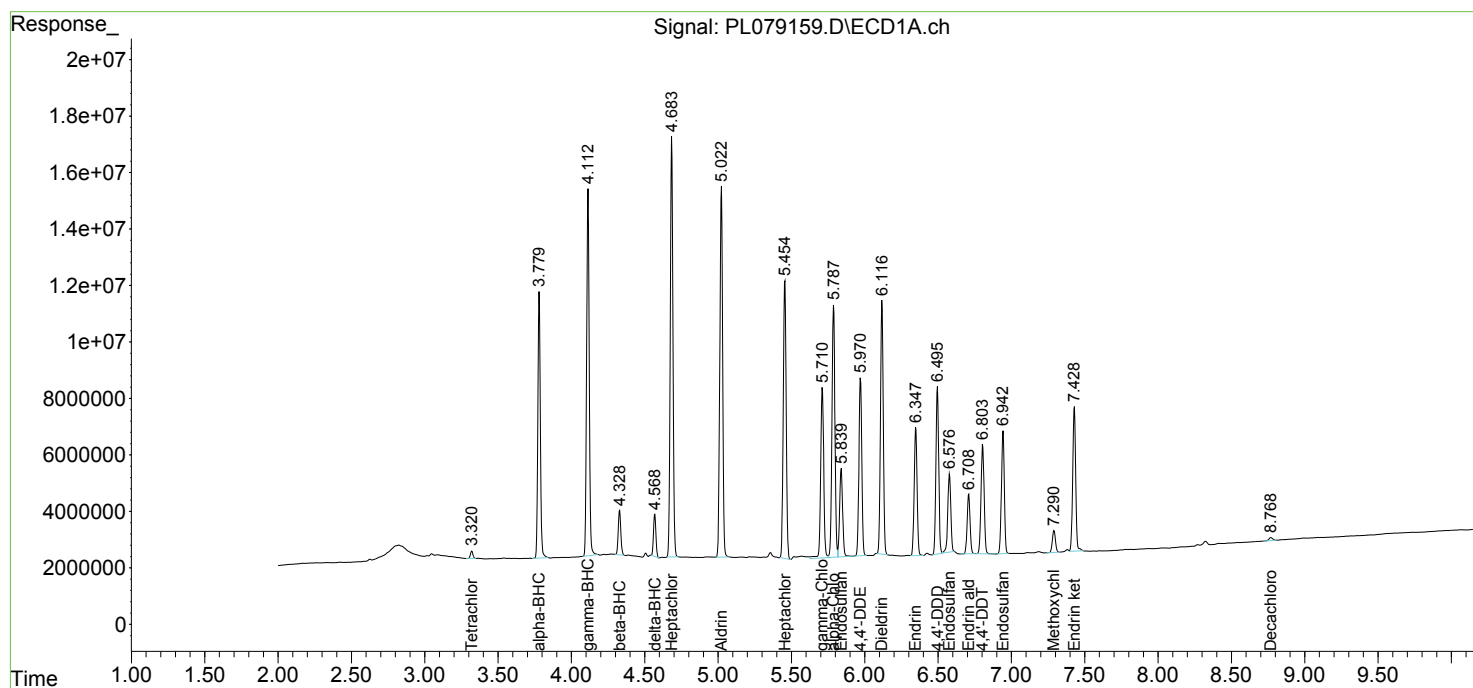
Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

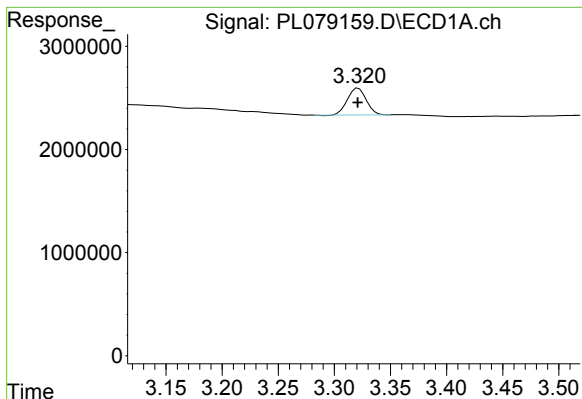
Manual Integrations
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Reviewed By : Abdul Mirza 11/17/2022
Supervised By : Ankita Jodhani 11/18/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 17 02:41:00 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111622.M
Quant Title : GC Extractables
QLast Update : Wed Nov 16 15:31:11 2022
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





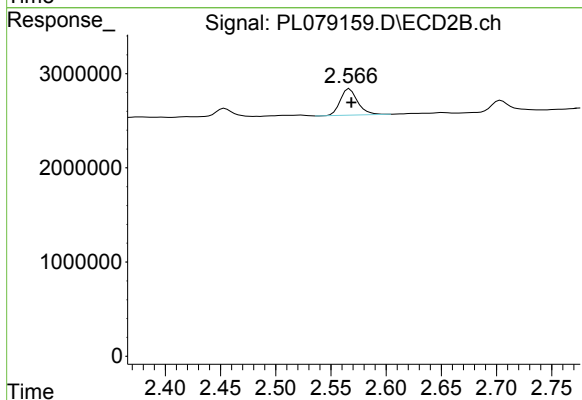
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 3028824
Conc: 1.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

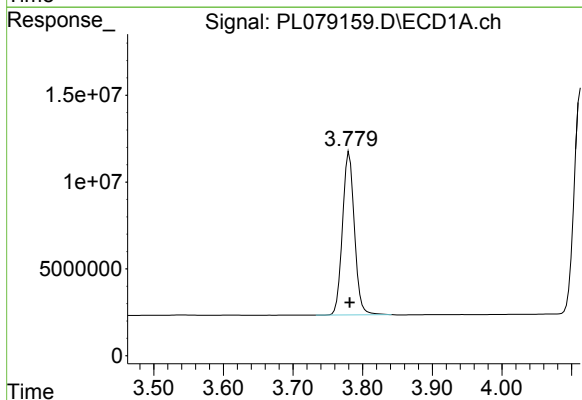
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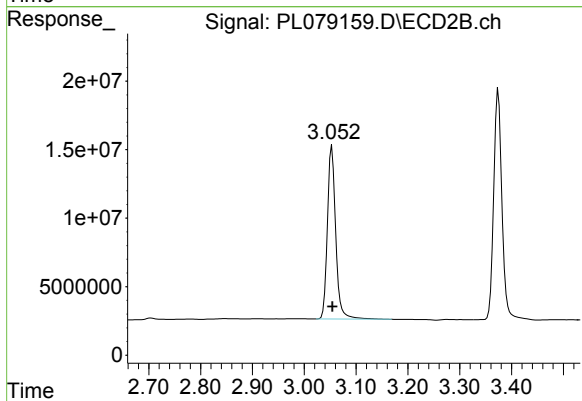
#1 Tetrachloro-m-xylene

R.T.: 2.567 min
Delta R.T.: -0.002 min
Response: 3057923
Conc: 1.20 ng/ml



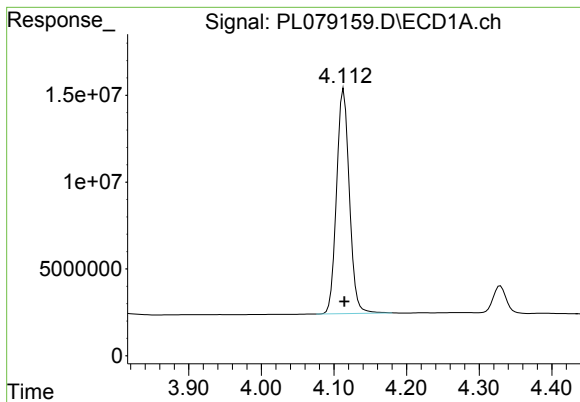
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 111994544
Conc: 35.54 ng/ml



#2 alpha-BHC

R.T.: 3.053 min
Delta R.T.: -0.001 min
Response: 140597753
Conc: 34.77 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 158387069
Conc: 52.77 ng/ml

Instrument :

ECD_L

ClientSampleId :

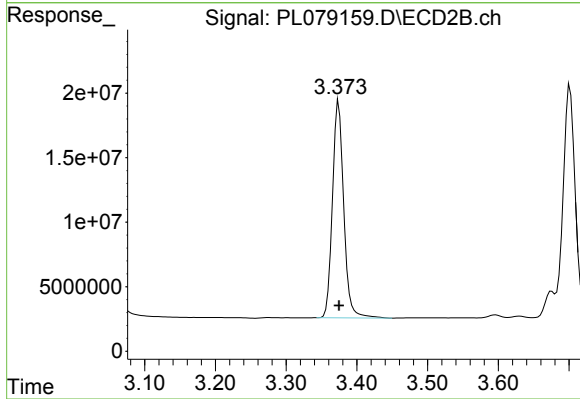
PT-PEST-SOILDL

Manual Integrations

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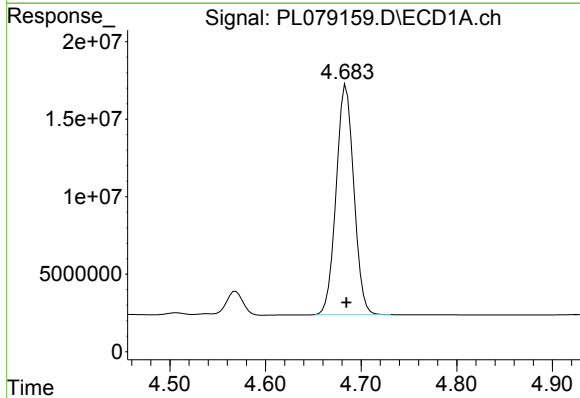
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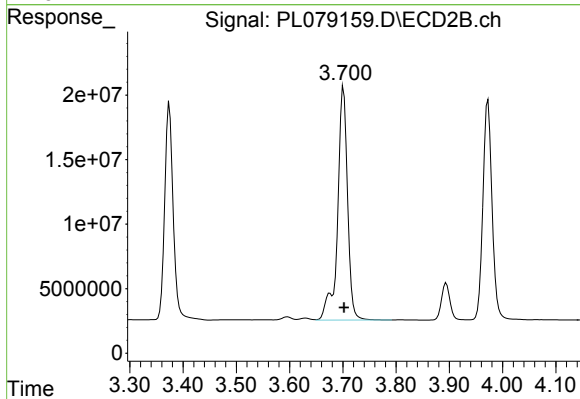
#3 gamma-BHC (Lindane)

R.T.: 3.374 min
Delta R.T.: 0.000 min
Response: 186249998
Conc: 52.50 ng/ml



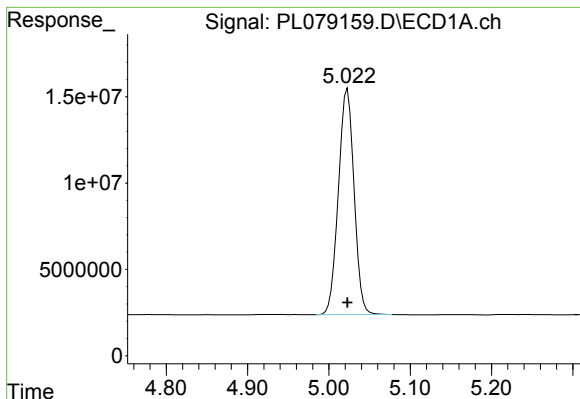
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 190630411
Conc: 63.72 ng/ml



#4 Heptachlor

R.T.: 3.701 min
Delta R.T.: 0.000 min
Response: 234620033
Conc: 64.58 ng/ml



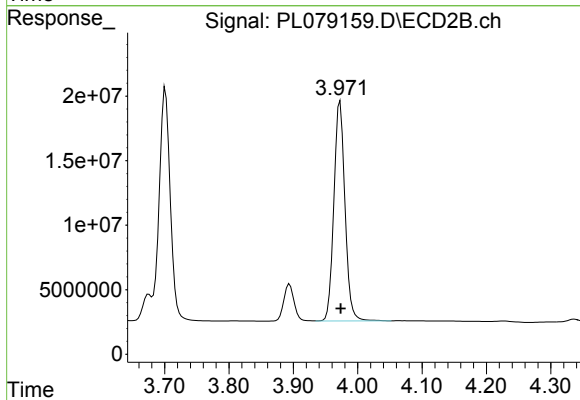
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 174774137
Conc: 62.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

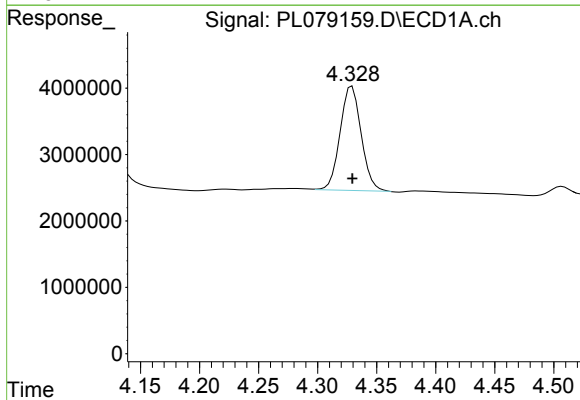
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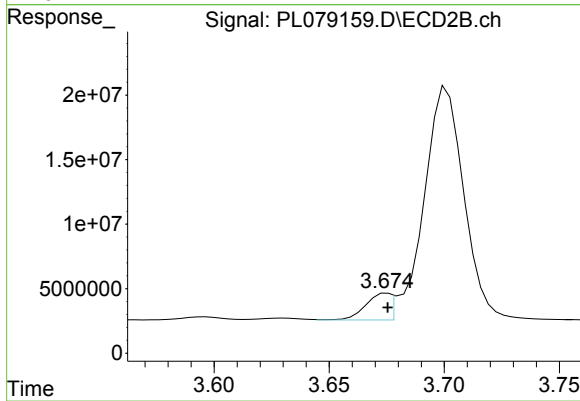
#5 Aldrin

R.T.: 3.973 min
Delta R.T.: 0.000 min
Response: 204323553
Conc: 58.50 ng/ml



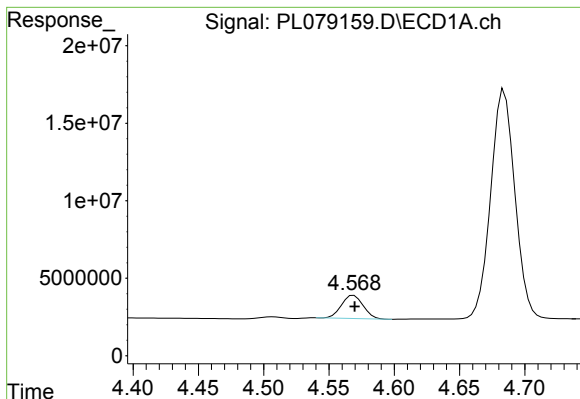
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 19456705
Conc: 14.80 ng/ml



#6 beta-BHC

R.T.: 3.674 min
Delta R.T.: -0.002 min
Response: 15215699
Conc: 10.88 ng/ml m



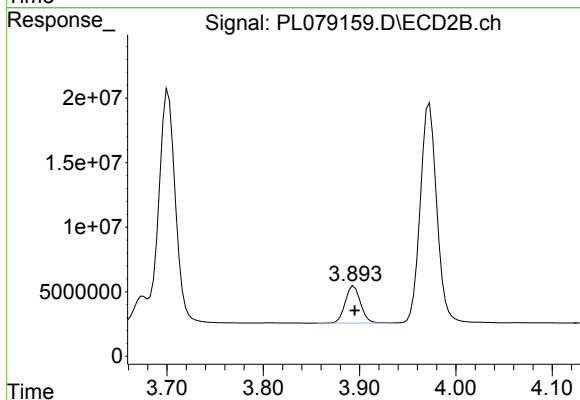
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 17335214
Conc: 7.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

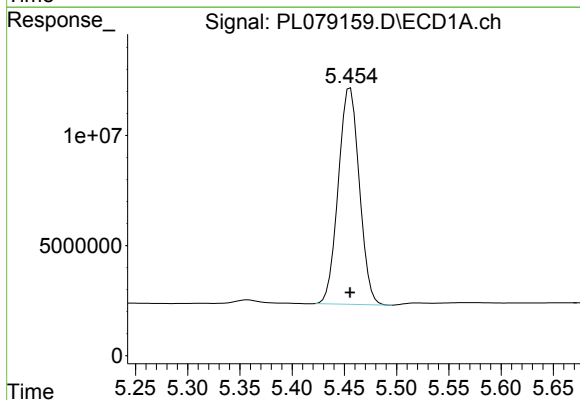
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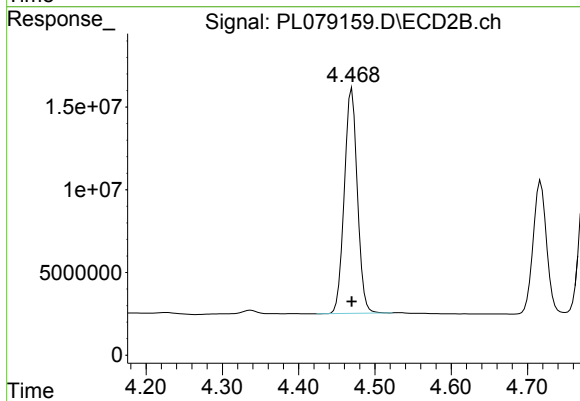
#7 delta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 31742507
Conc: 8.84 ng/ml



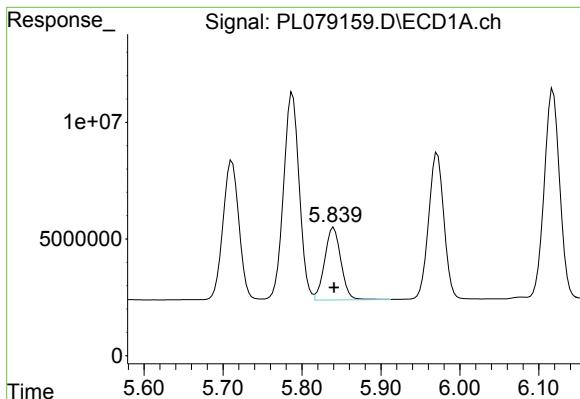
#8 Heptachlor epoxide

R.T.: 5.456 min
Delta R.T.: 0.000 min
Response: 137582020
Conc: 58.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 161895289
Conc: 52.14 ng/ml



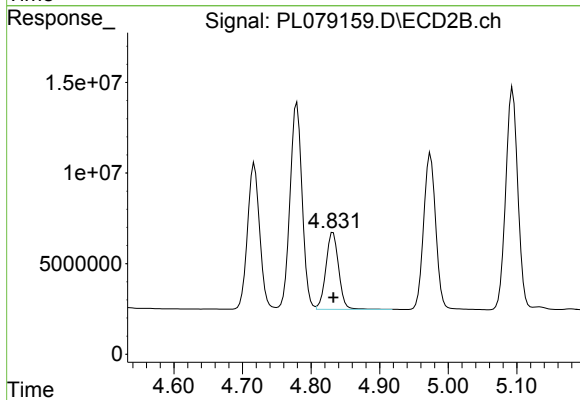
#9 Endosulfan I

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 44411089
Conc: 18.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

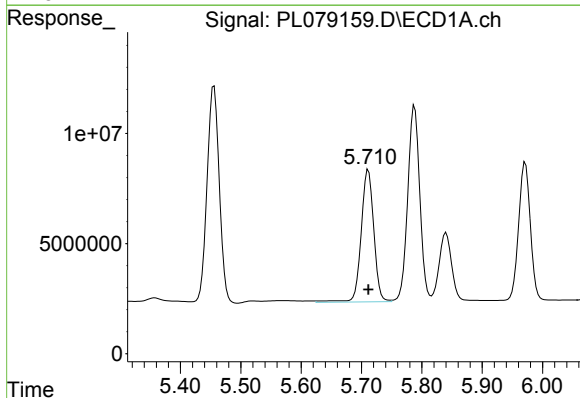
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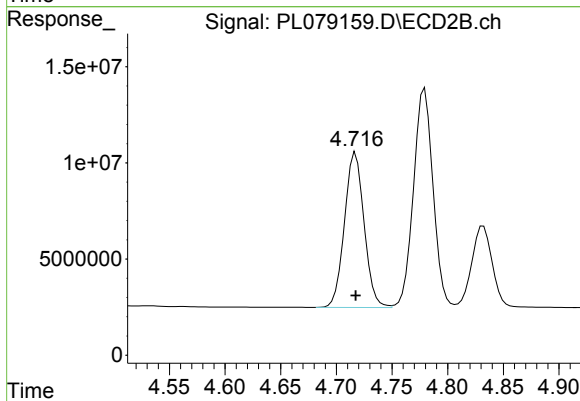
#9 Endosulfan I

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 54859902
Conc: 18.56 ng/ml



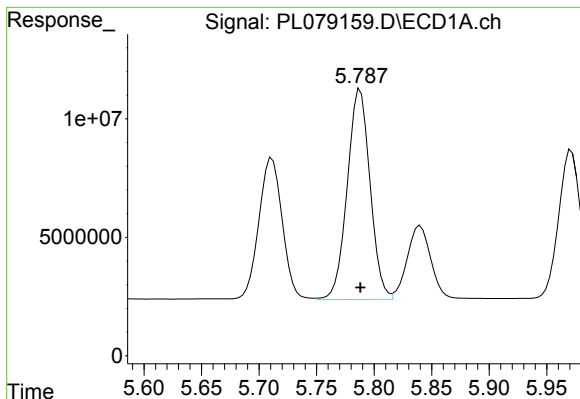
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 87483616
Conc: 34.23 ng/ml



#10 gamma-Chlordane

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 98777122
Conc: 31.88 ng/ml



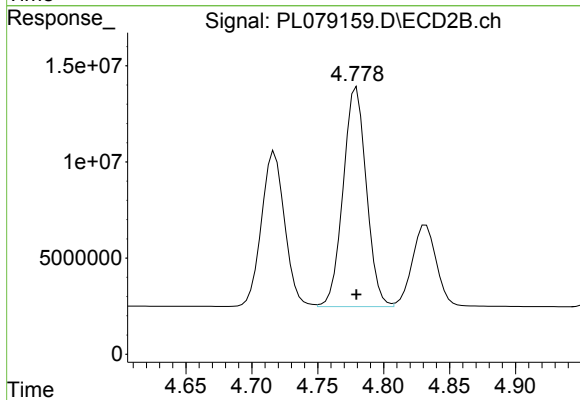
#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 123173533
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

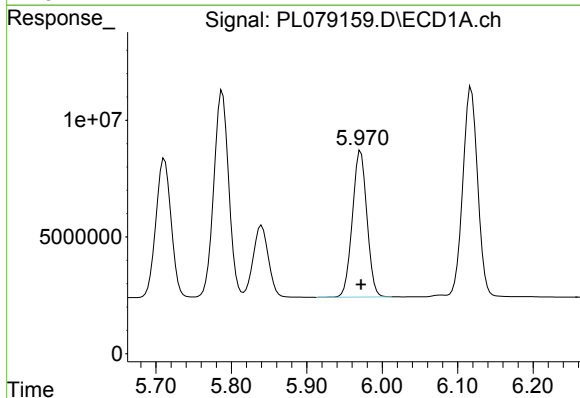
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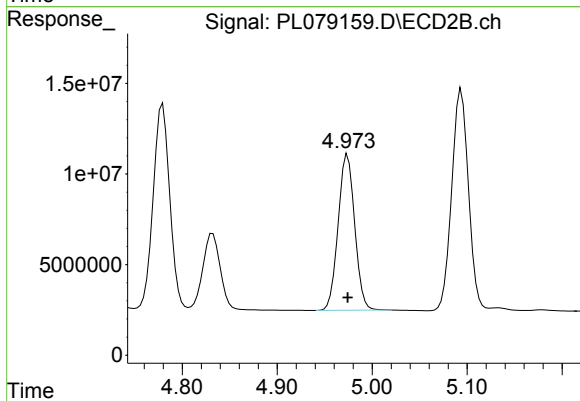
#11 alpha-Chlordane

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 139535794
Conc: 45.71 ng/ml



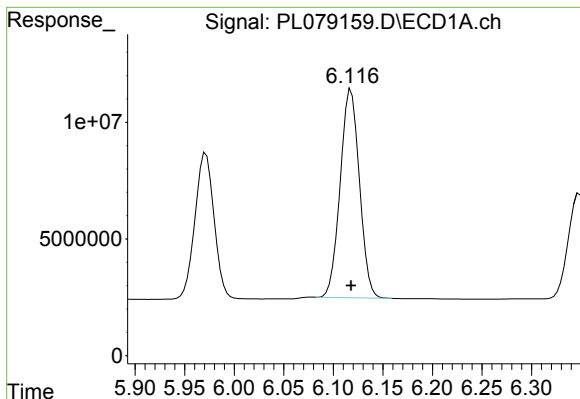
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 84053898
Conc: 36.79 ng/ml



#12 4,4'-DDE

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 104539786
Conc: 36.50 ng/ml



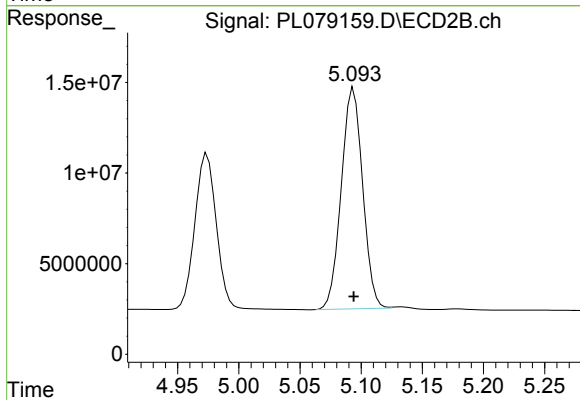
#13 Dieldrin

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 120544656
Conc: 49.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

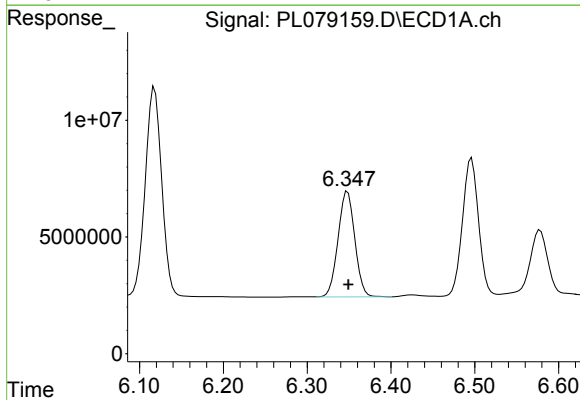
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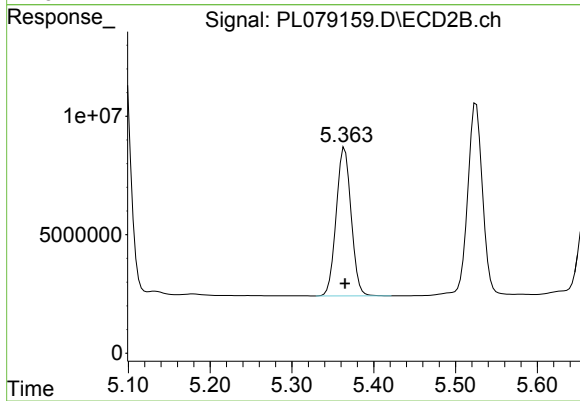
#13 Dieldrin

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 148299170
Conc: 48.23 ng/ml



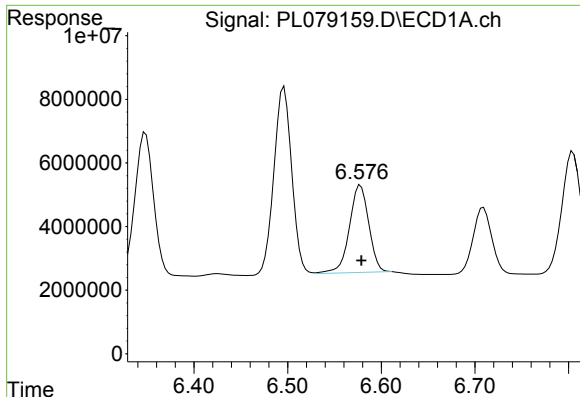
#14 Endrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 62812938
Conc: 28.39 ng/ml



#14 Endrin

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 79400319
Conc: 30.40 ng/ml



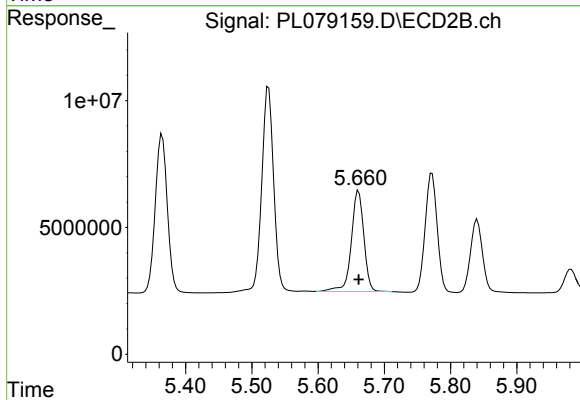
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.001 min
Response: 39480187
Conc: 17.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

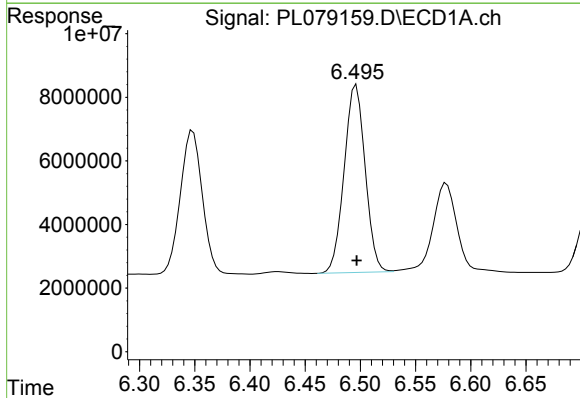
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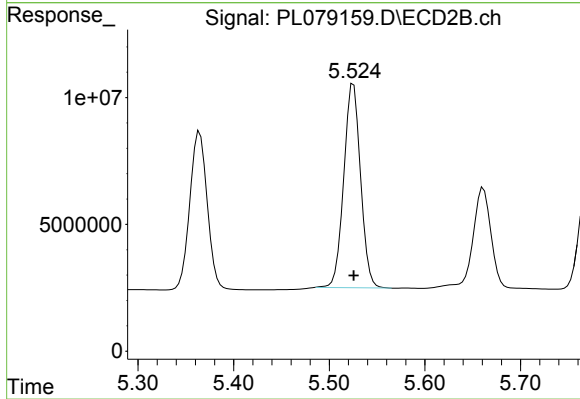
#15 Endosulfan II

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 52466032
Conc: 19.60 ng/ml



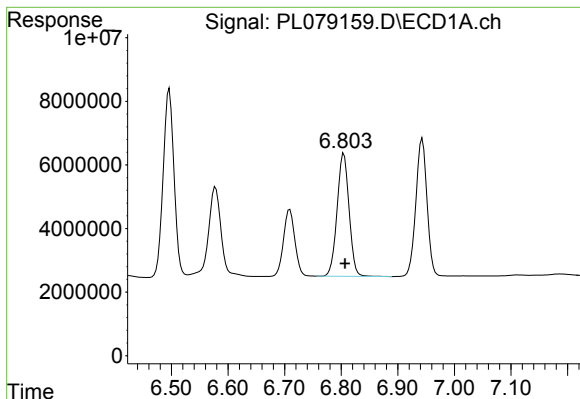
#16 4,4'-DDD

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 78152286
Conc: 44.50 ng/ml



#16 4,4'-DDD

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 98456781
Conc: 42.10 ng/ml



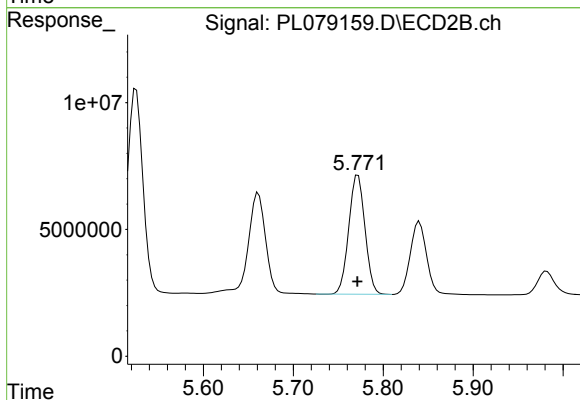
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: -0.002 min
Response: 56743378
Conc: 27.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

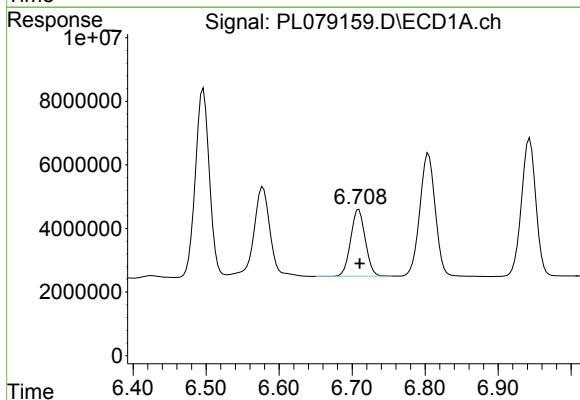
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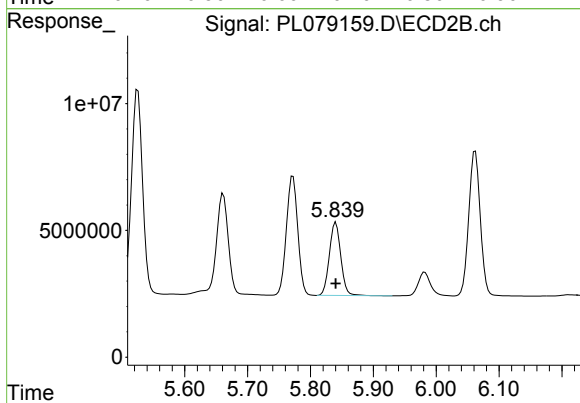
#17 4,4'-DDT

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 58911971
Conc: 24.14 ng/ml



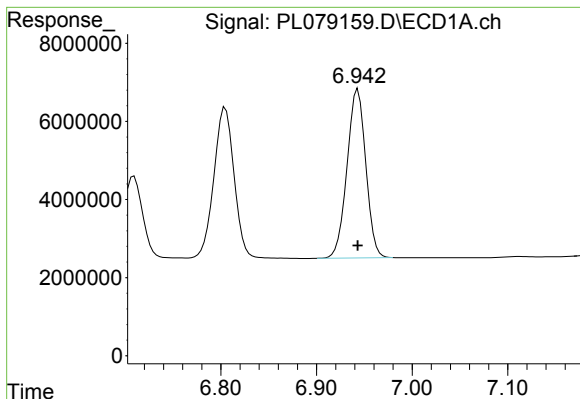
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 29122170
Conc: 18.22 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 36351414
Conc: 17.42 ng/ml



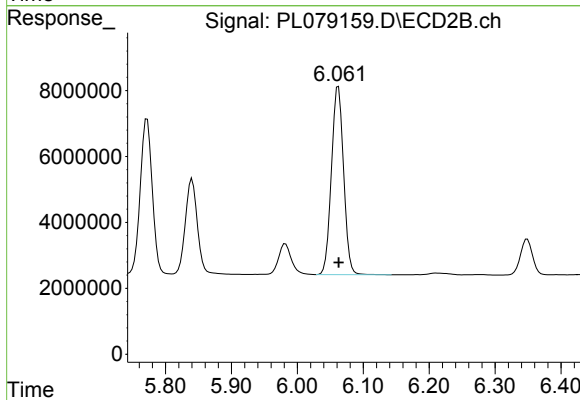
#19 Endosulfan Sulfate

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 59112227
Conc: 29.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

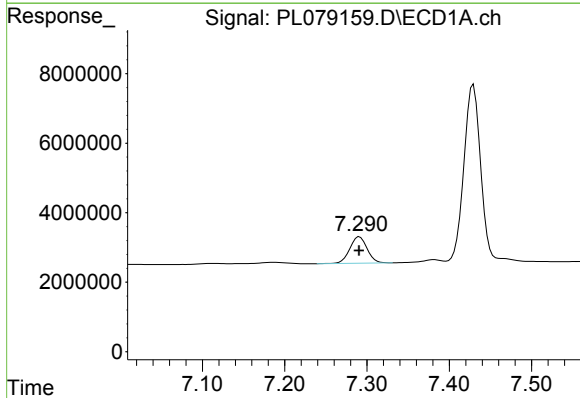
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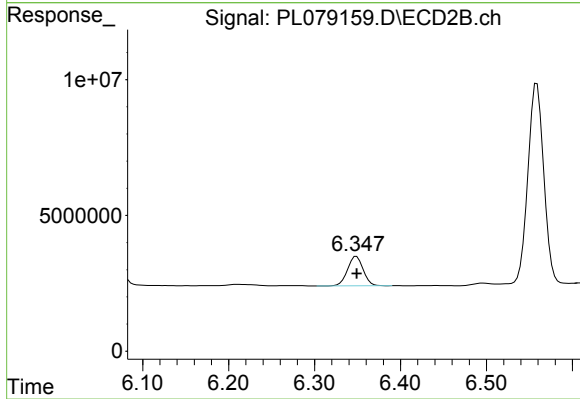
#19 Endosulfan Sulfate

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 73094853
Conc: 28.02 ng/ml



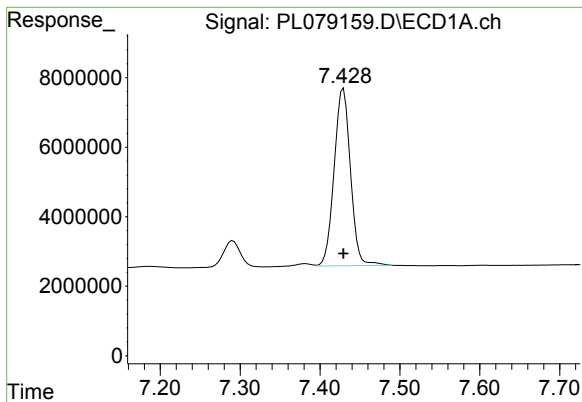
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 11138349
Conc: 10.45 ng/ml



#20 Methoxychlor

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 13793155
Conc: 10.44 ng/ml



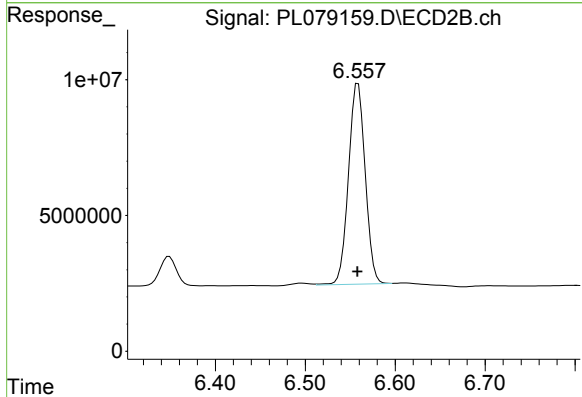
#21 Endrin ketone

R.T.: 7.429 min
Delta R.T.: 0.000 min
Response: 72376281
Conc: 34.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

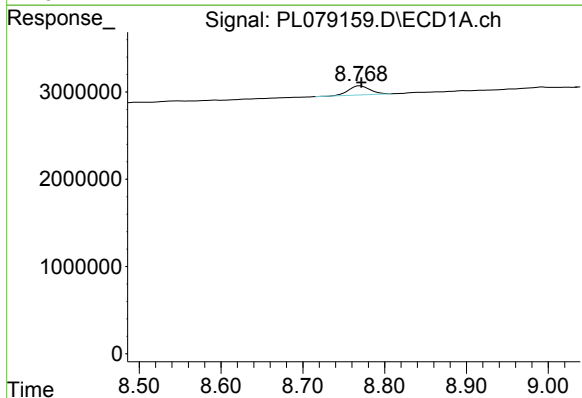
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Reviewed By :Abdul Mirza 11/17/2022
Supervised By :Ankita Jodhani 11/18/2022



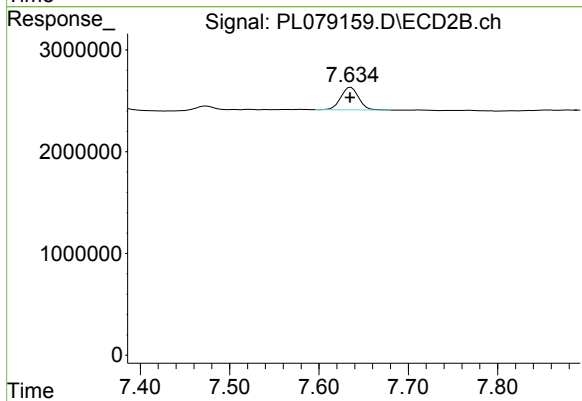
#21 Endrin ketone

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 95344203
Conc: 33.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: -0.002 min
Response: 1906365
Conc: 1.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 3068982
Conc: 1.48 ng/ml