

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031722\
 Data File : PL073443.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2022 12:51
 Operator : AR\AJ
 Sample : N1645-03
 Misc : PEST MDL 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/18/2022
 Supervised By : Ankita Jodhani 03/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 21:55:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.643	5.491	6331788	34757605	19.769	21.178
28)	SA Decachlor...	10.419	11.331	10333923	36551488	20.322	20.441
Target Compounds							
2)	A alpha-BHC	5.351	6.053	428375	2038176	1.039	0.906
3)	MA gamma-BHC...	5.773	6.443	456841	2251640	1.095m	1.055
4)	MA Heptachlor	6.186	7.101	473850	2550550	1.050	1.089
5)	MB Aldrin	6.511	7.469	487617	2315958	1.180	1.105
6)	B beta-BHC	6.153	6.678	257404	1975541	1.250m	1.895 #
7)	B delta-BHC	6.415	6.946	453659	3970369	1.129	1.844 #
8)	B Heptachlo...	7.088	7.926	560041	2388569	1.299	1.196
9)	A Endosulfan I	7.491	8.326	505146	2016174	1.231	1.105
10)	B gamma-Chl...	7.364	8.193	586272	2893391	1.341m	1.417
11)	B alpha-Chl...	7.435	8.276	551195	2368422	1.247	1.184
12)	B 4,4'-DDE	7.650	8.461	399183	1840146	1.112	1.027
13)	MA Dieldrin	7.778	8.611	498688	2006297	1.197	1.088
14)	MA Endrin	8.068	8.845	510754	1729284	1.316m	1.123
15)	B Endosulfa...	8.380	9.069	546018	1736419	1.397	1.131
16)	A 4,4'-DDD	8.235	8.988	340911	1758087	1.050	1.204
17)	MA 4,4'-DDT	8.496	9.307	433005	1645008	1.145	1.006
18)	B Endrin al...	8.568	9.202	476963	1496573	1.508	1.220
19)	B Endosulfa...	8.799	9.439	554206	1865060	1.312	1.183
20)	A Methoxychlor	9.092	9.785	305559	1614833	1.191	1.792 #
21)	B Endrin ke...	9.318	9.927	556016	1579623	1.137	0.957
22)	Mirex	9.507	10.404	650620	1579066	1.380	1.162

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031722\
 Data File : PL073443.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2022 12:51
 Operator : AR\AJ
 Sample : N1645-03
 Misc : PEST MDL 1PPB
 ALS Vial : 9 Sample Multiplier: 1

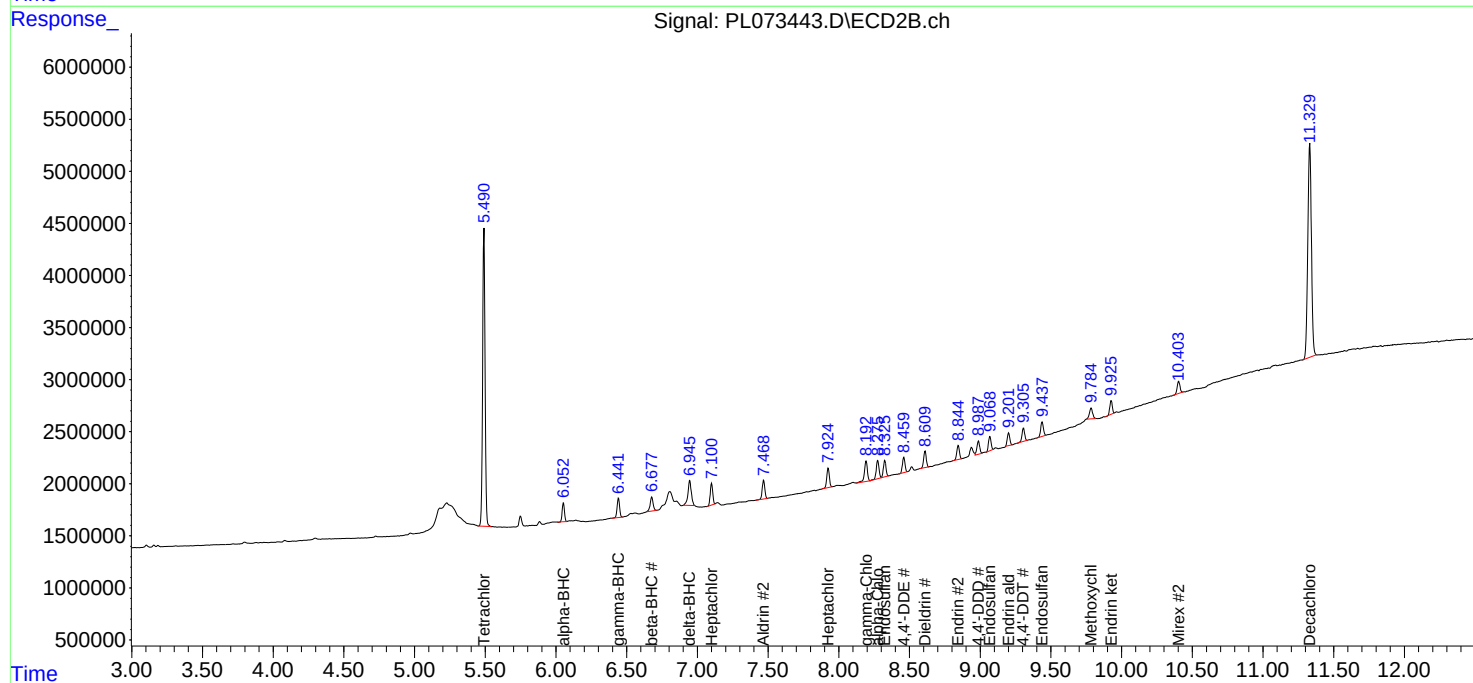
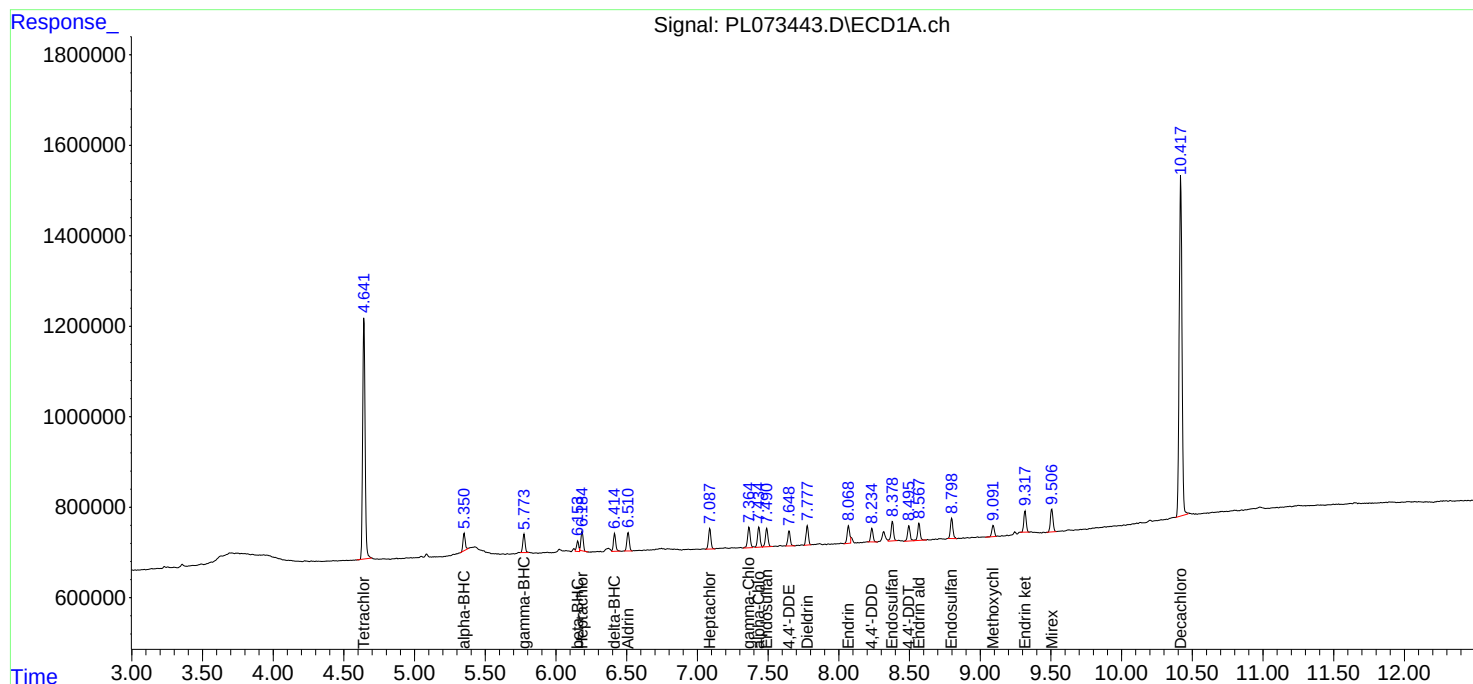
Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

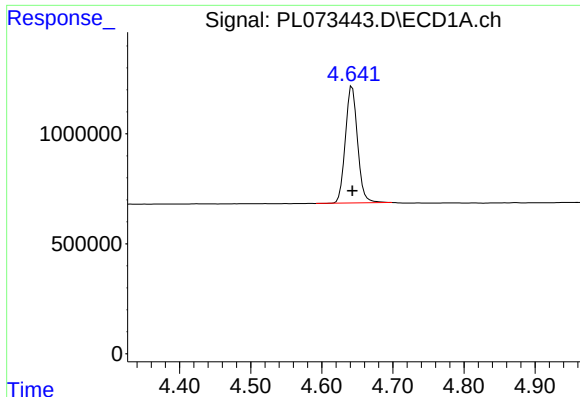
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 03/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 21:55:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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





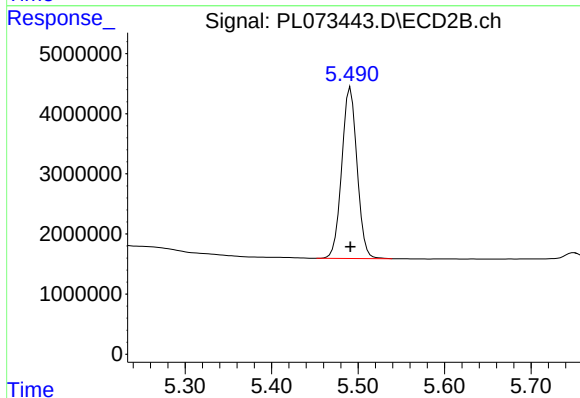
#1 Tetrachloro-m-xylene

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 6331788
Conc: 19.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

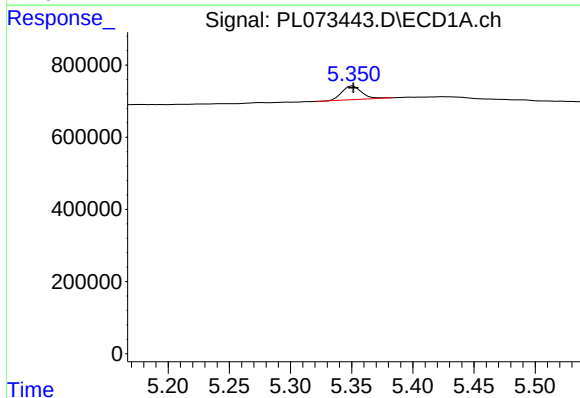
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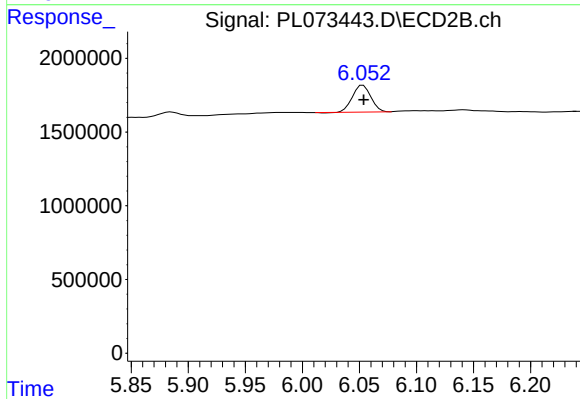
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 34757605
Conc: 21.18 ng/ml



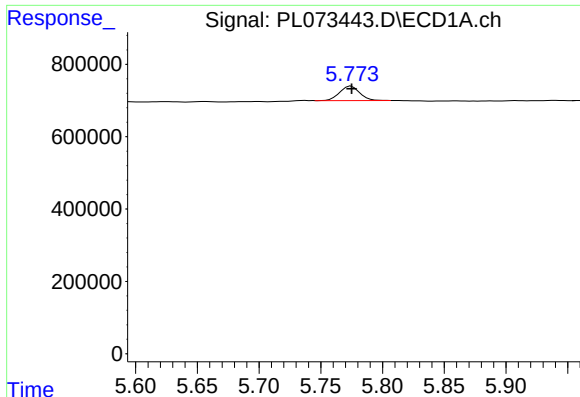
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 428375
Conc: 1.04 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 2038176
Conc: 0.91 ng/ml



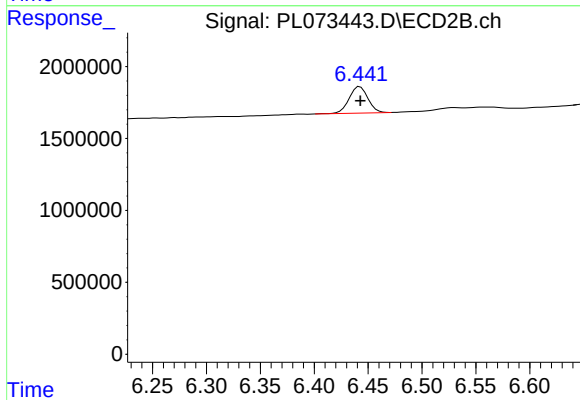
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 456841
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

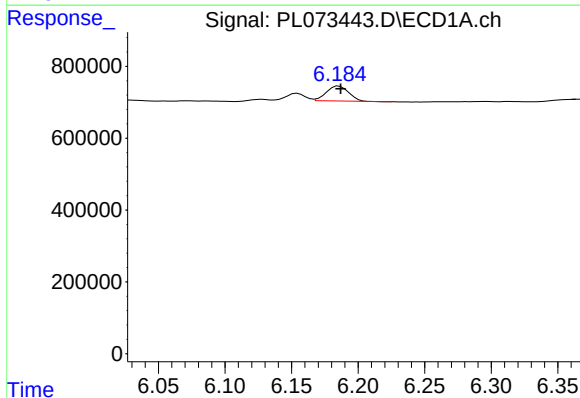
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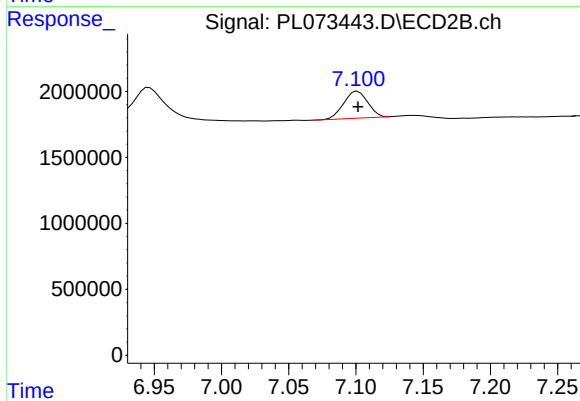
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 2251640
Conc: 1.05 ng/ml



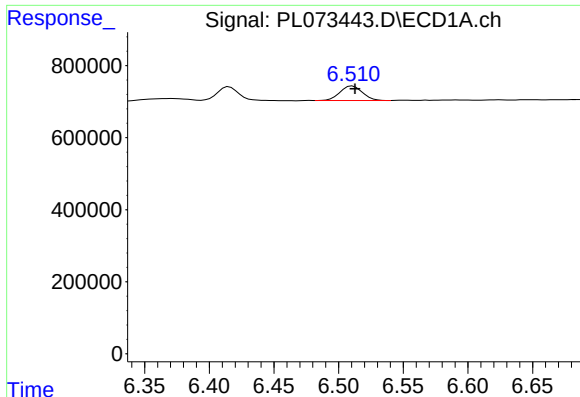
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 473850
Conc: 1.05 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 2550550
Conc: 1.09 ng/ml



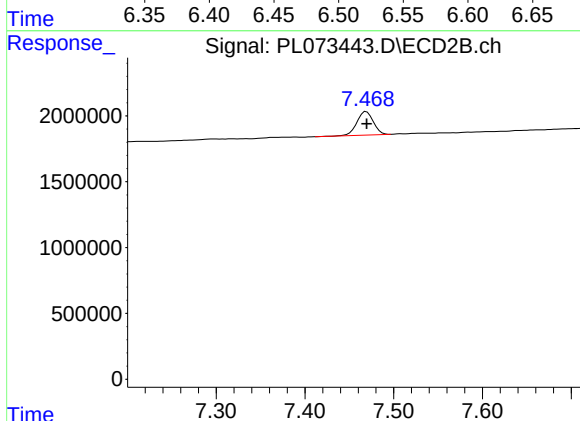
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 487617
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

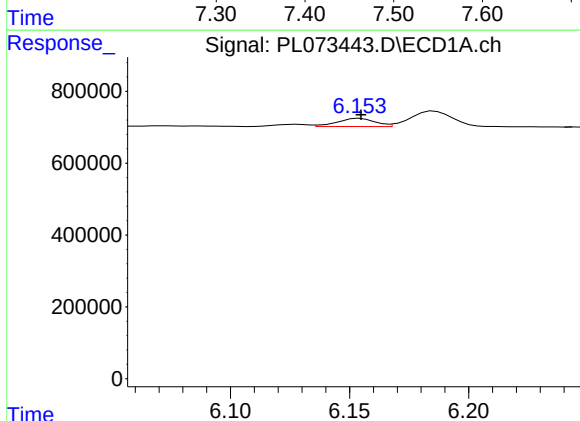
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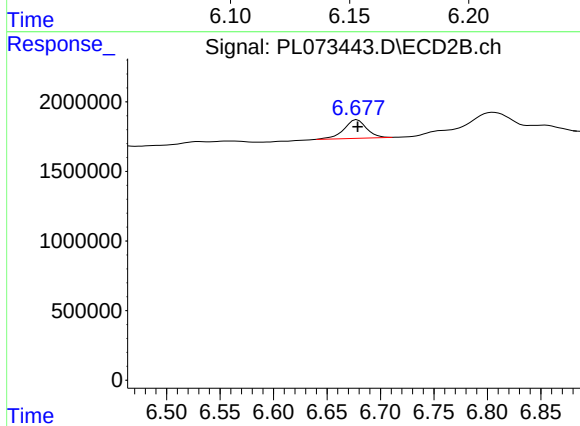
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 2315958
Conc: 1.11 ng/ml



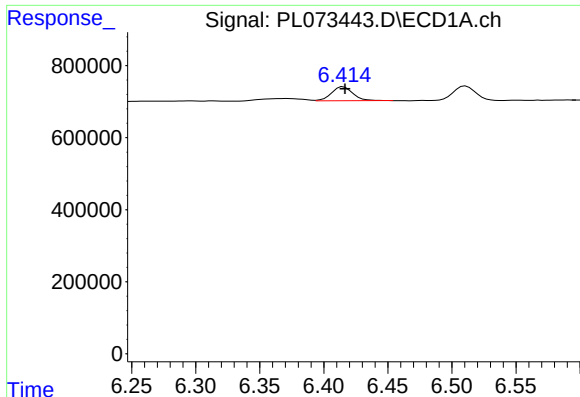
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 257404
Conc: 1.25 ng/ml m



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 1975541
Conc: 1.90 ng/ml



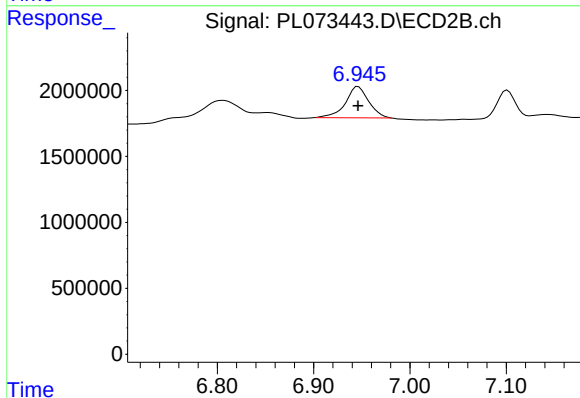
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 453659
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

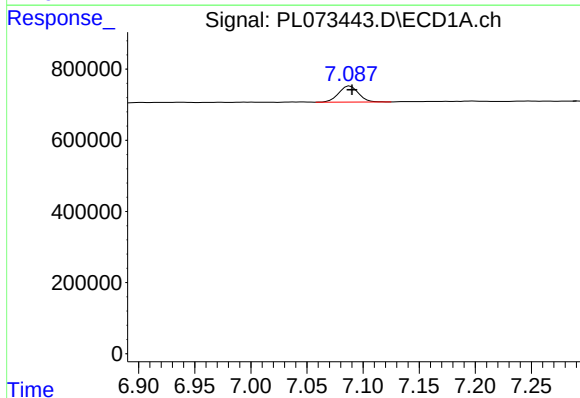
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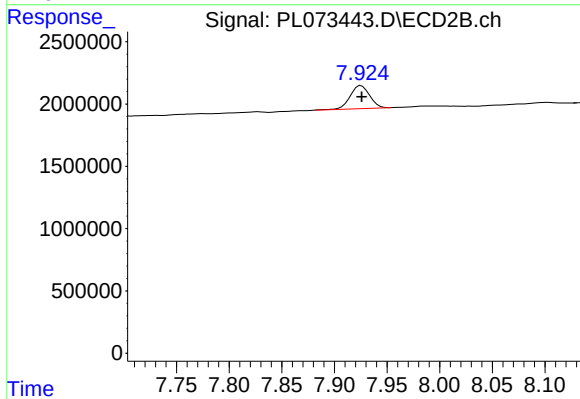
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 3970369
Conc: 1.84 ng/ml



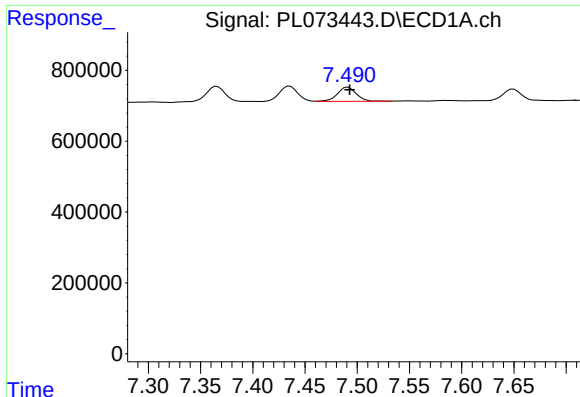
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 560041
Conc: 1.30 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 2388569
Conc: 1.20 ng/ml



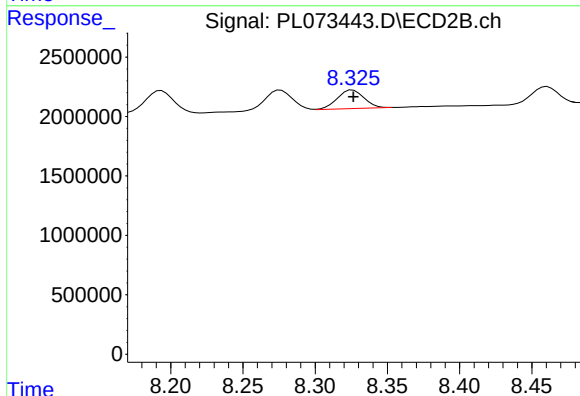
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 505146
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

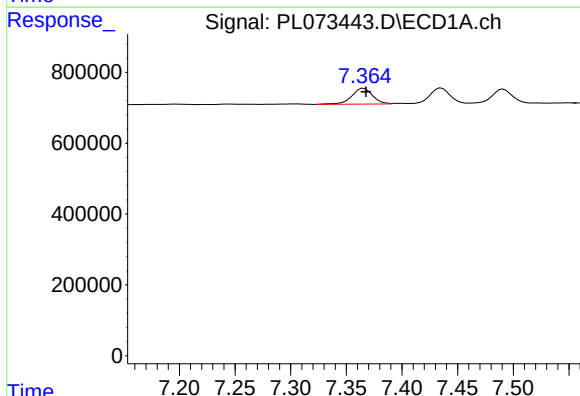
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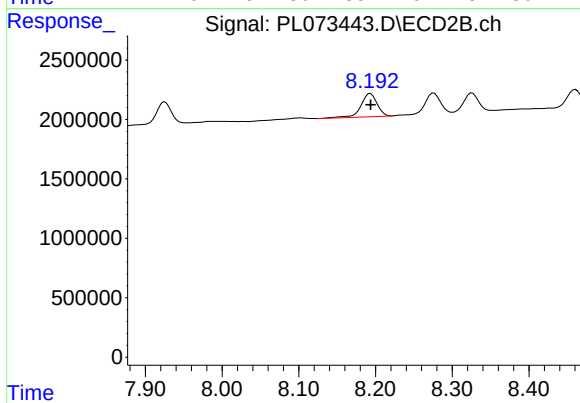
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 2016174
Conc: 1.10 ng/ml



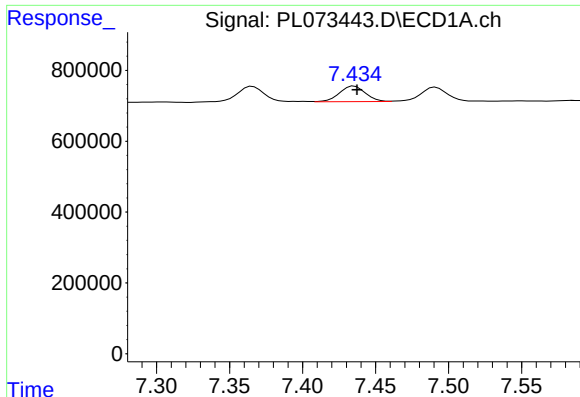
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.003 min
Response: 586272
Conc: 1.34 ng/ml m



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 2893391
Conc: 1.42 ng/ml



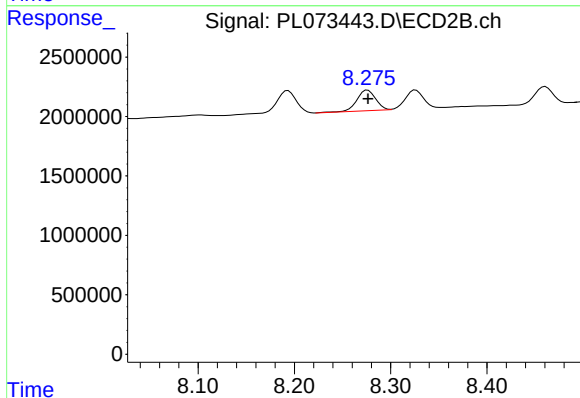
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 551195
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

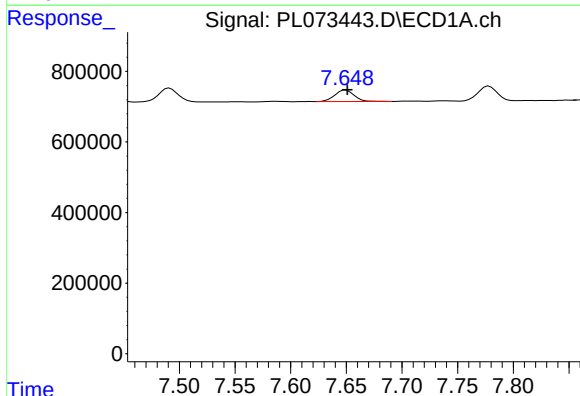
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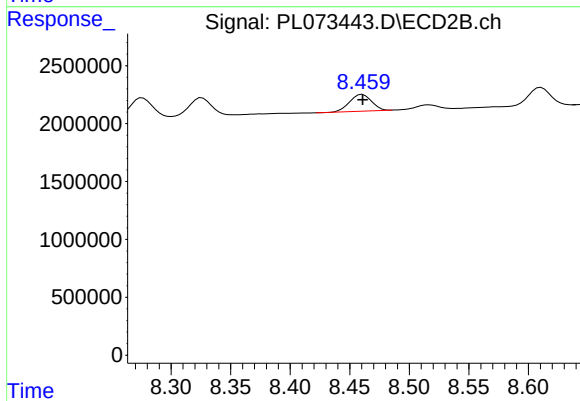
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 2368422
Conc: 1.18 ng/ml



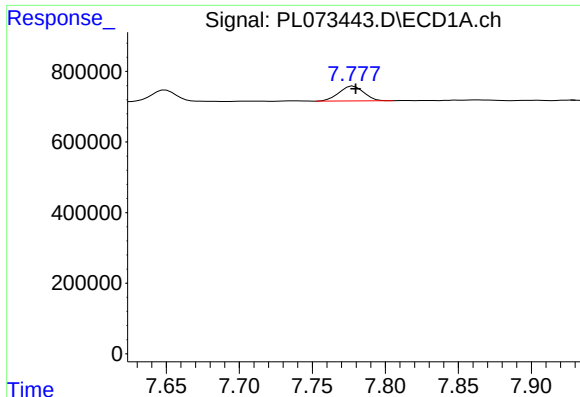
#12 4,4'-DDE

R.T.: 7.650 min
Delta R.T.: -0.001 min
Response: 399183
Conc: 1.11 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 1840146
Conc: 1.03 ng/ml



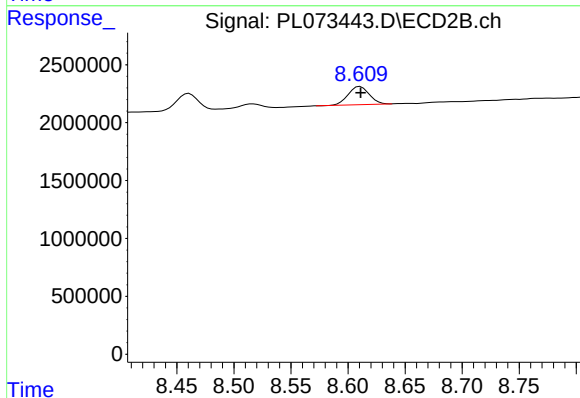
#13 Dieldrin

R.T.: 7.778 min
Delta R.T.: -0.001 min
Response: 498688
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

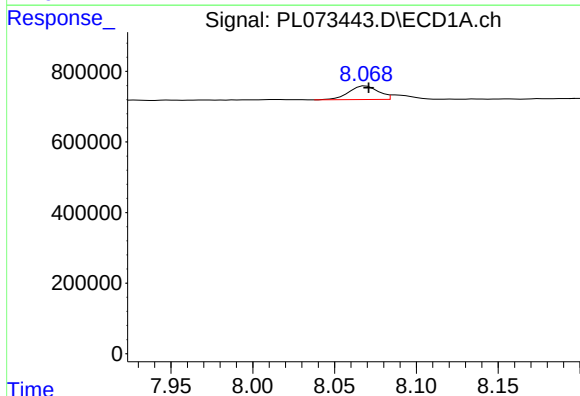
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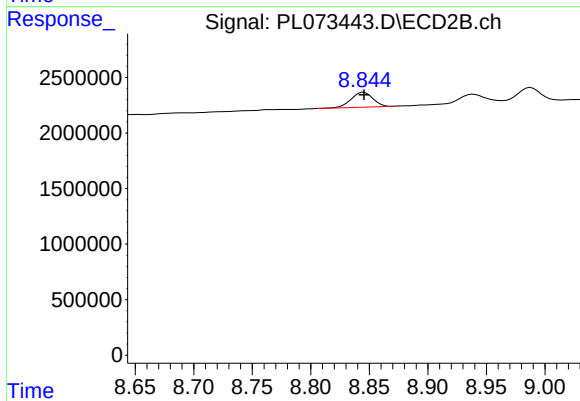
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 2006297
Conc: 1.09 ng/ml



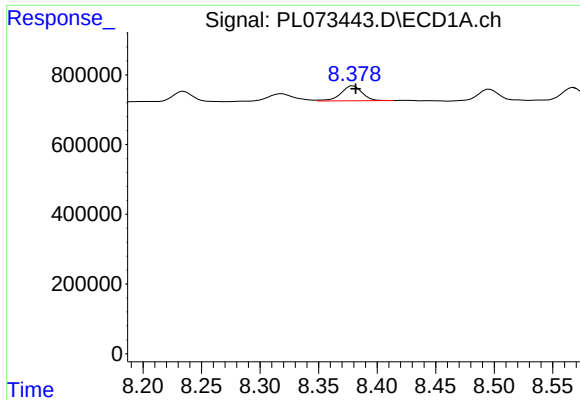
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 510754
Conc: 1.32 ng/ml m



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 1729284
Conc: 1.12 ng/ml



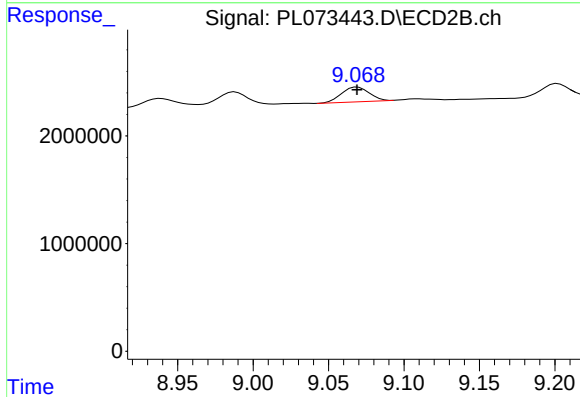
#15 Endosulfan II

R.T.: 8.380 min
Delta R.T.: -0.002 min
Response: 546018
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

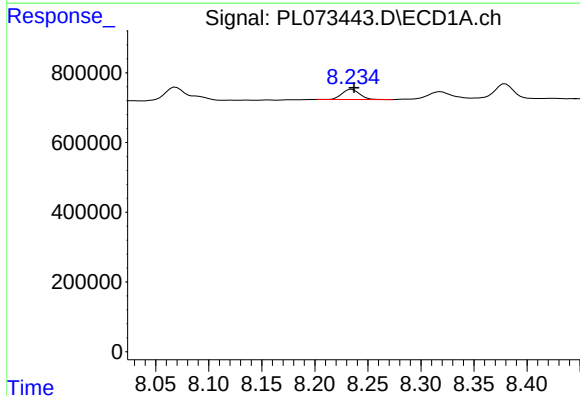
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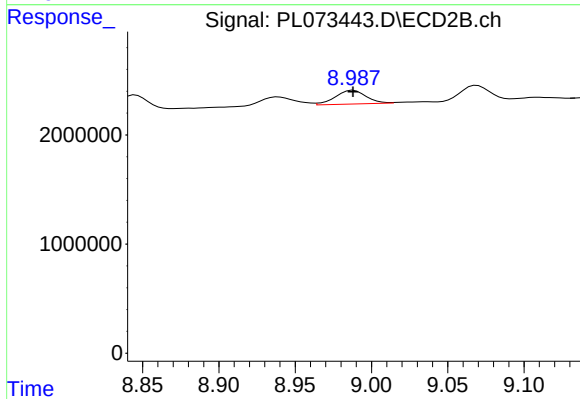
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 1736419
Conc: 1.13 ng/ml



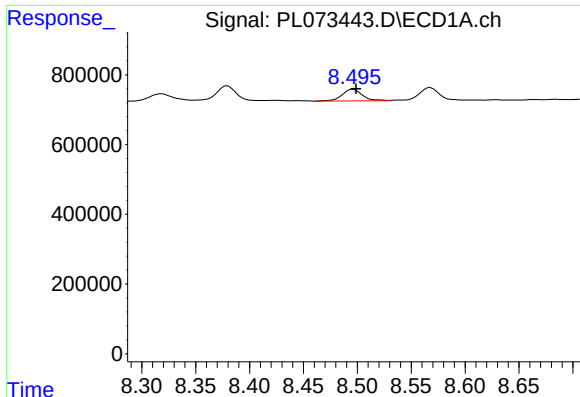
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 340911
Conc: 1.05 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 1758087
Conc: 1.20 ng/ml



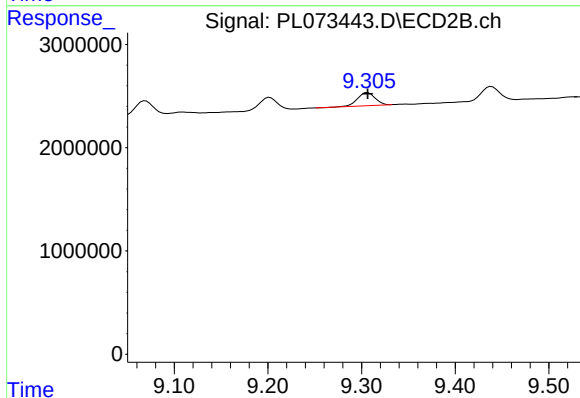
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 433005
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

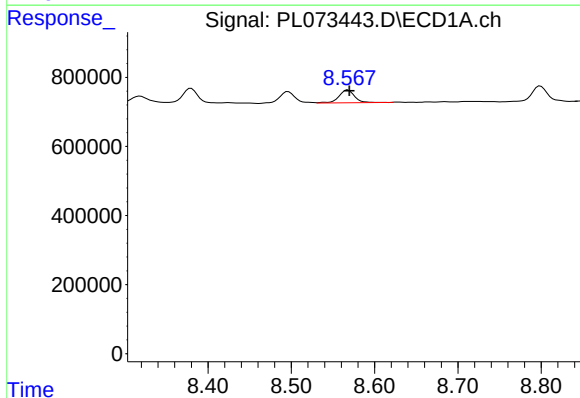
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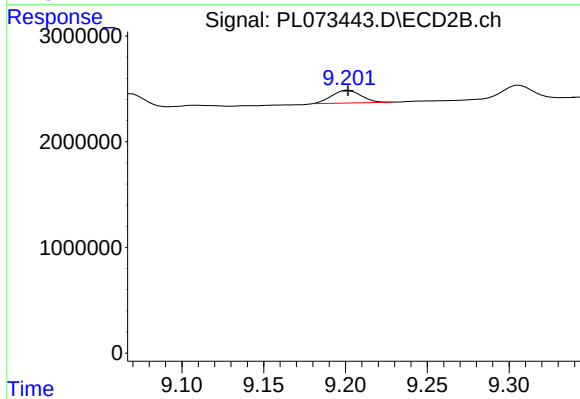
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 1645008
Conc: 1.01 ng/ml



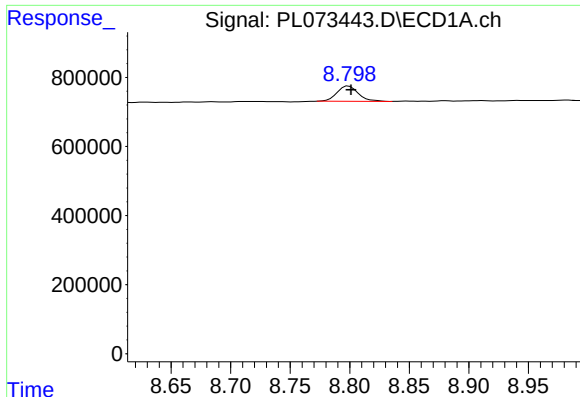
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 476963
Conc: 1.51 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 1496573
Conc: 1.22 ng/ml



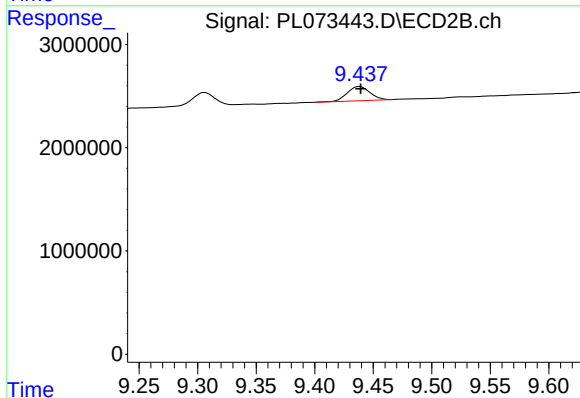
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 554206
Conc: 1.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

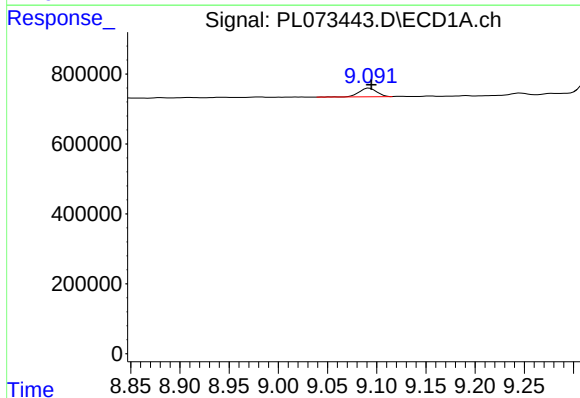
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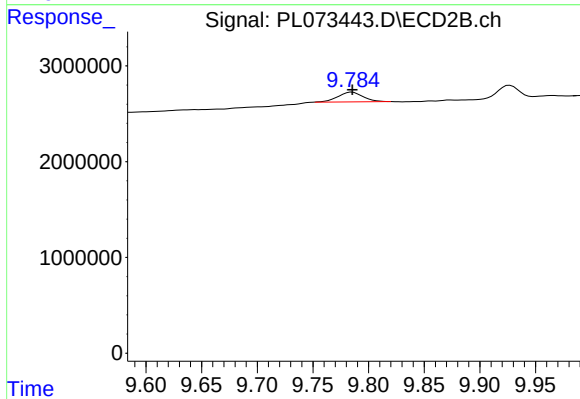
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 1865060
Conc: 1.18 ng/ml



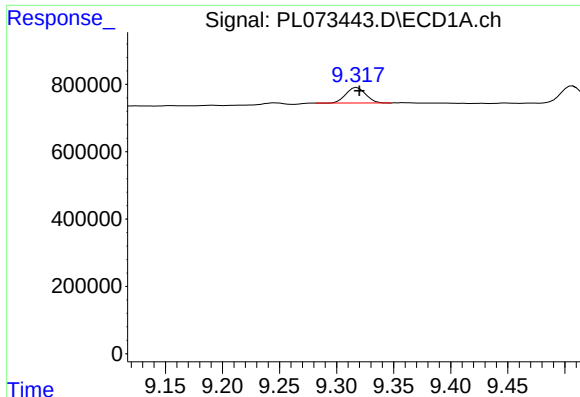
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.002 min
Response: 305559
Conc: 1.19 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: 0.000 min
Response: 1614833
Conc: 1.79 ng/ml



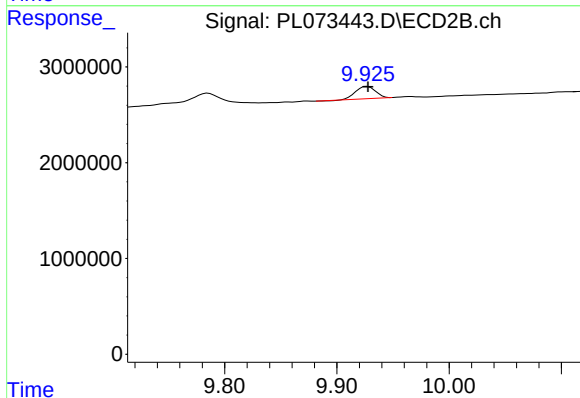
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 556016
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

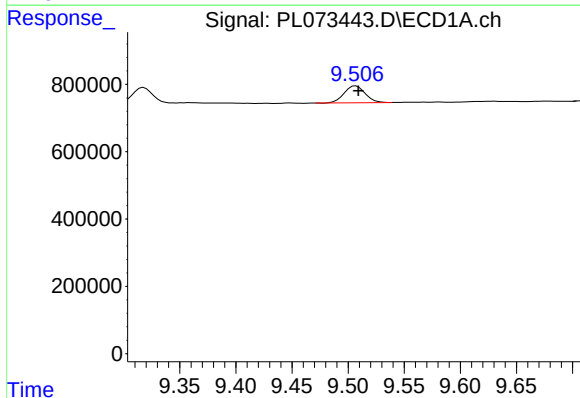
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Supervised By :Ankita Jodhani 03/18/2022



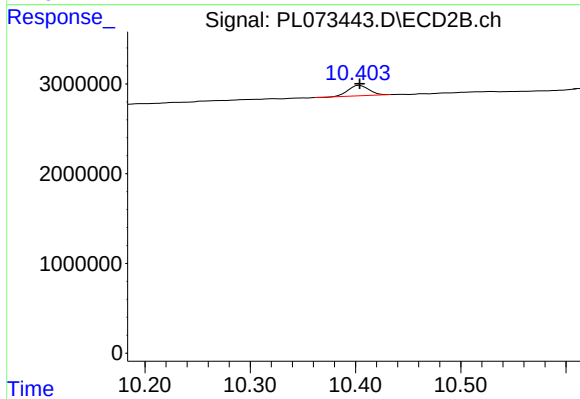
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 1579623
Conc: 0.96 ng/ml



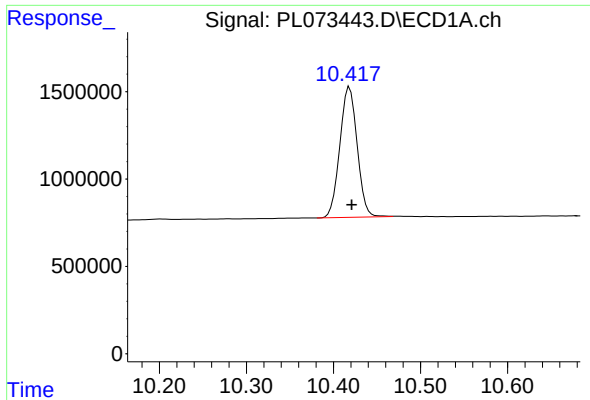
#22 Mirex

R.T.: 9.507 min
Delta R.T.: -0.002 min
Response: 650620
Conc: 1.38 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 1579066
Conc: 1.16 ng/ml



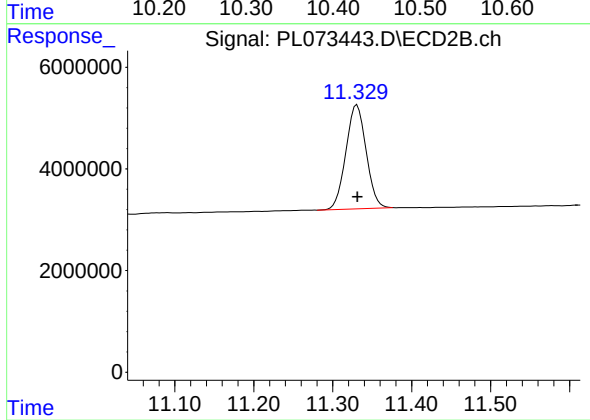
#28 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: -0.002 min
Response: 10333923
Conc: 20.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 36551488
Conc: 20.44 ng/ml