

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031422\
 Data File : PL073340.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2022 17:50
 Operator : AR\AJ
 Sample : N1870-09DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WPDL

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/15/2022
 Supervised By : Ankita Jodhani 03/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 05:03:58 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...	4.641	5.489	755704	3834053	2.359	2.336
28)	SA Decachlor...	10.417	11.328	1428220	4569231	2.809	2.555
Target Compounds							
2)	A alpha-BHC	5.350	6.052	13210552	72924033	32.049	32.416
3)	MA gamma-BHC...	5.773	6.442	83321759	427.2E6	199.747	200.104
4)	MA Heptachlor	6.185	7.100	38688360	205.1E6	85.746	87.513
5)	MB Aldrin	6.510	7.468	41802068	217.6E6	101.174	103.860
6)	B beta-BHC	6.153	6.678	21188980	102.2E6	102.911	98.056
7)	B delta-BHC	6.415	6.944	38937590	201.5E6	96.945	93.576m
8)	B Heptachlo...	7.087	7.923	5985098	26441424	13.887	13.239
9)	A Endosulfan I	7.490	8.324	14102689	62271077	34.378	34.114
10)	B gamma-Chl...	7.365	8.192	10871028	50161625	24.859	24.560
11)	B alpha-Chl...	7.434	8.274	13607538	61651587	30.791	30.826
12)	B 4,4'-DDE	7.649	8.459	30838085	155.3E6	85.939	86.647
13)	MA Dieldrin	7.777	8.609	50306181	226.5E6	120.747	122.766
14)	MA Endrin	8.068	8.844	22675301	91577419	58.441	59.488
15)	B Endosulfa...	8.379	9.067	51345302	205.6E6	131.359	133.857
16)	A 4,4'-DDD	8.235	8.986	30121805	134.8E6	92.757	92.381
17)	MA 4,4'-DDT	8.495	9.304	11307812	46275205	29.900	28.311
18)	B Endrin al...	8.567	9.198	42613336	168.5E6	134.747	137.365m
19)	B Endosulfa...	8.798	9.437	46399919	179.8E6	109.842	114.111
20)	A Methoxychlor	9.092	9.784	43915778	161.5E6	171.189	179.197
21)	B Endrin ke...	9.317	9.926	42404249	143.0E6	86.677	86.639

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031422\
 Data File : PL073340.D
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 Acq On : 14 Mar 2022 17:50
 Operator : AR\AJ
 Sample : N1870-09DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

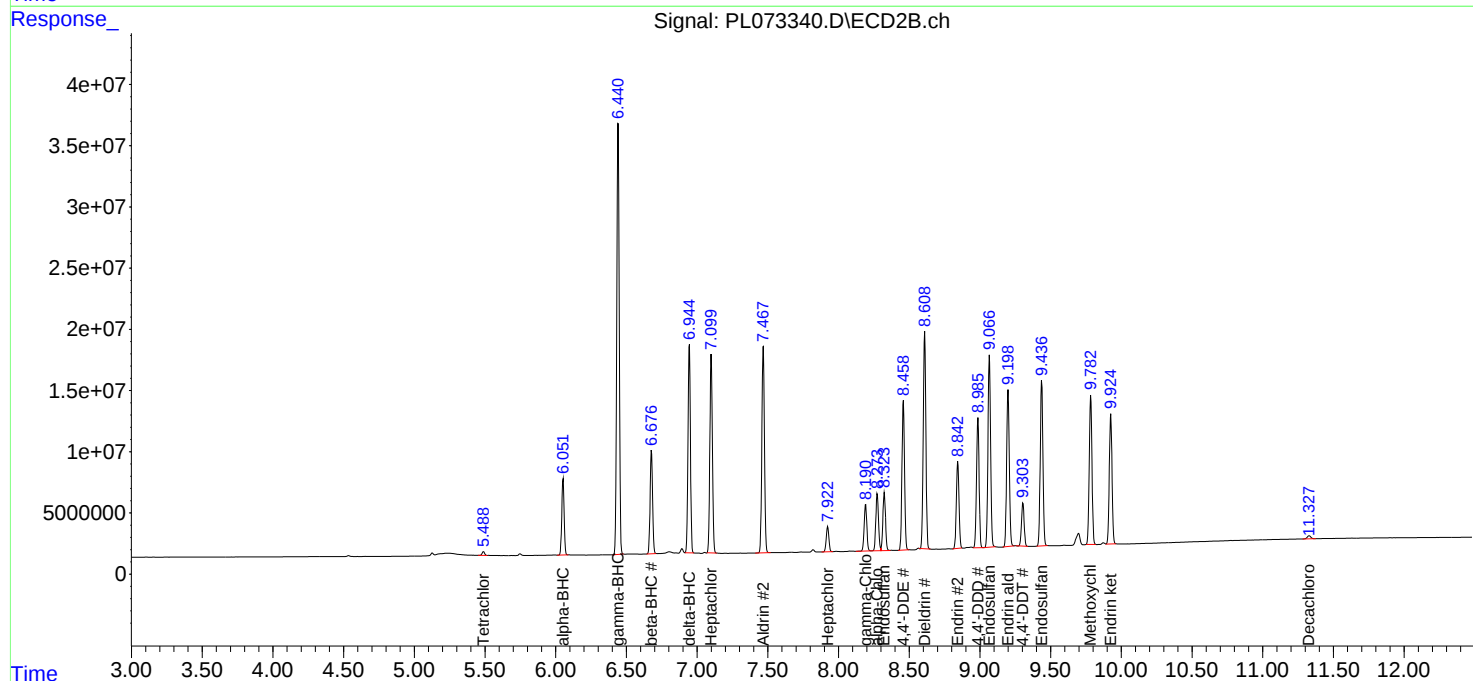
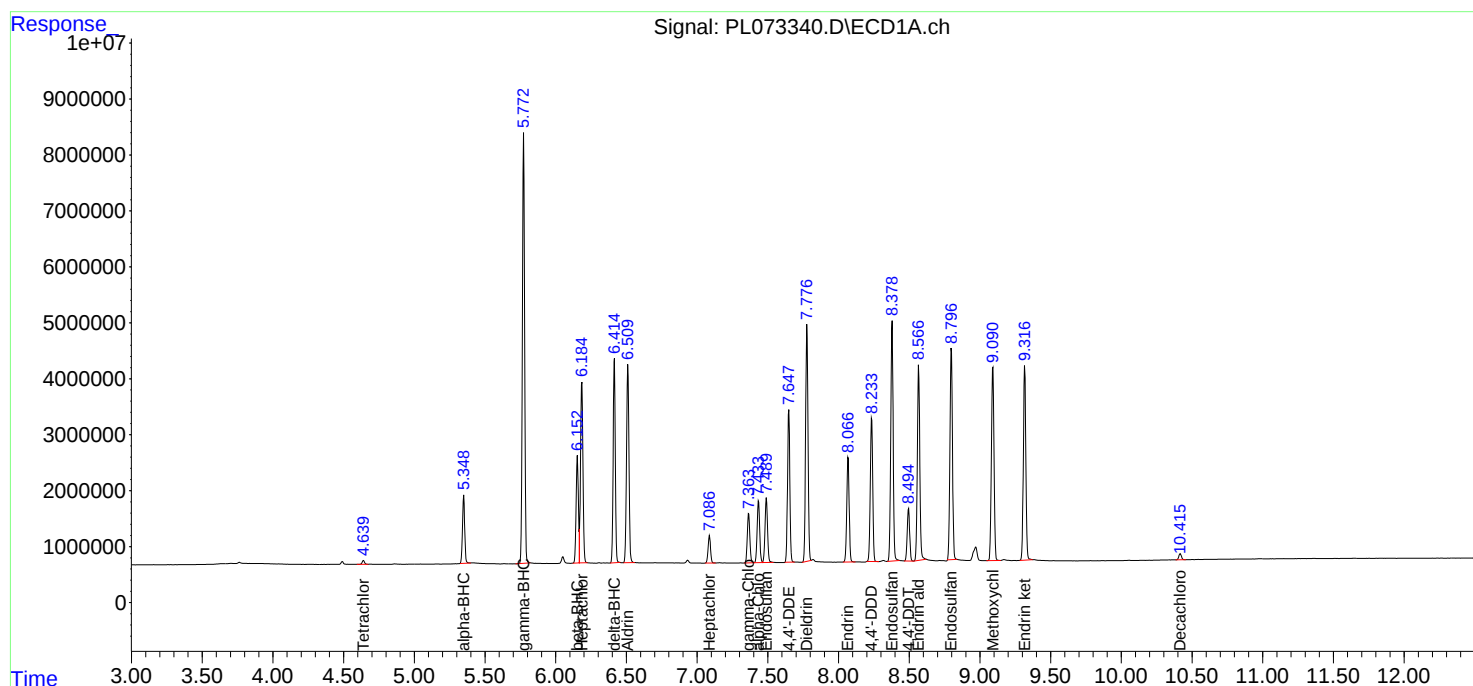
Instrument :
 ECD_L
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 PT-PEST-WPDL

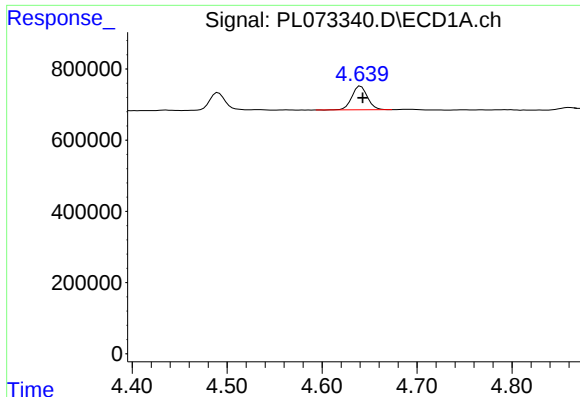
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 05:03:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
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Volume Inj. : 1 µl
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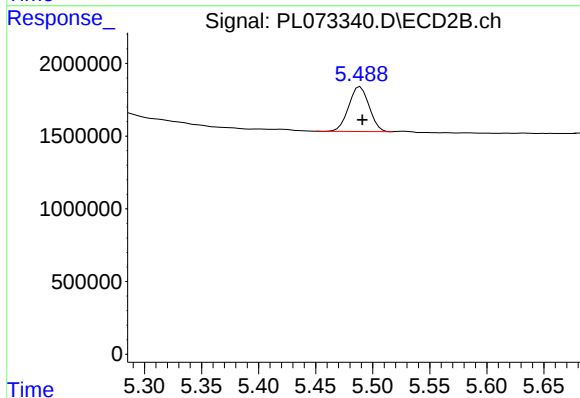
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 755704
Conc: 2.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

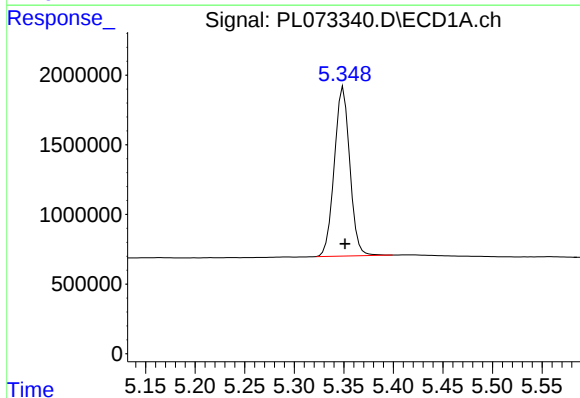
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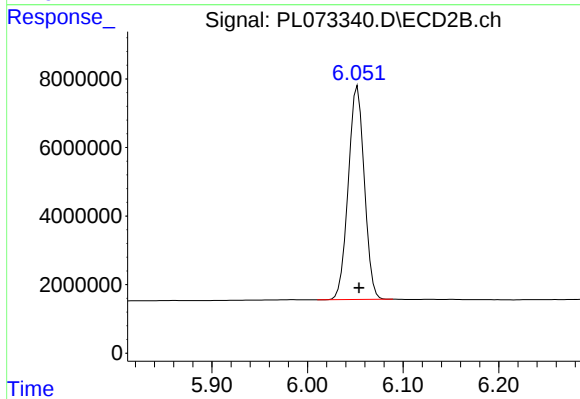
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 3834053
Conc: 2.34 ng/ml



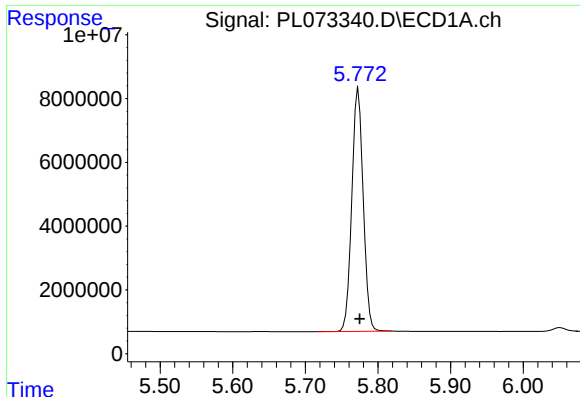
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 13210552
Conc: 32.05 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 72924033
Conc: 32.42 ng/ml



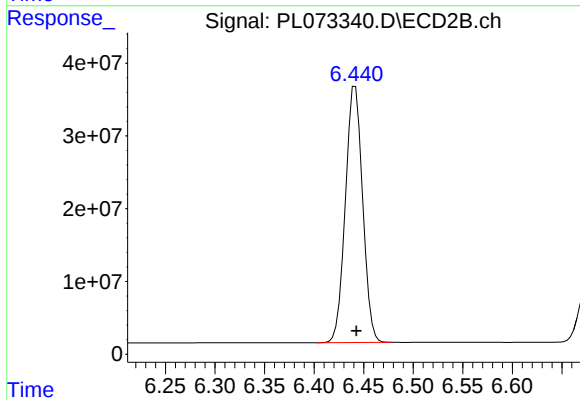
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 83321759
Conc: 199.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

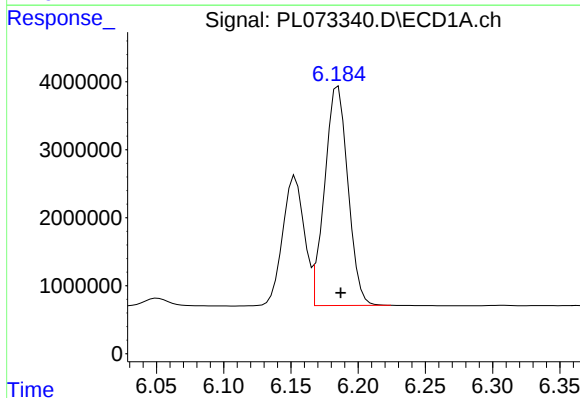
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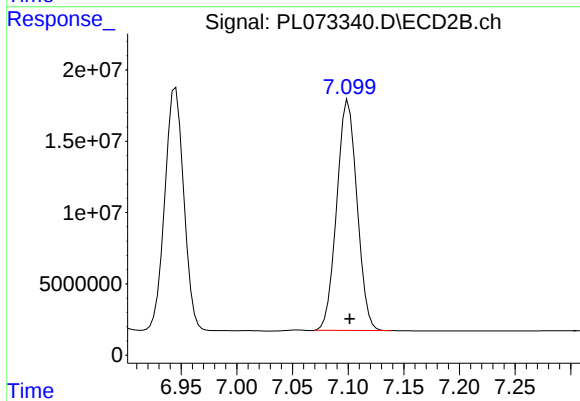
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 427239068
Conc: 200.10 ng/ml



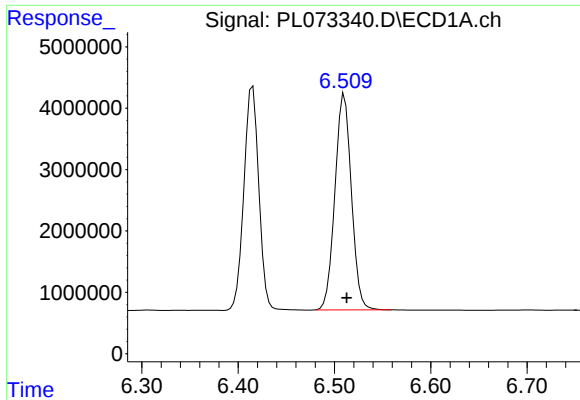
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 38688360
Conc: 85.75 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.001 min
Response: 205051995
Conc: 87.51 ng/ml



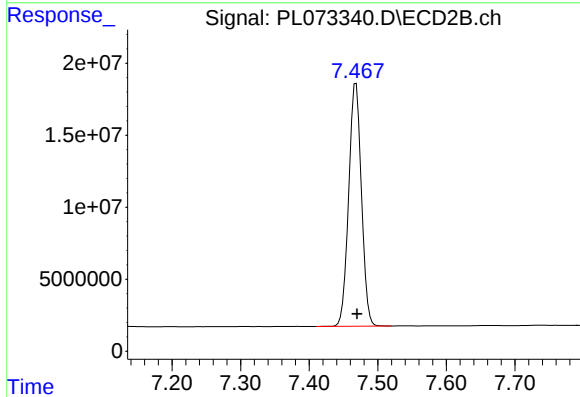
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 41802068
Conc: 101.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

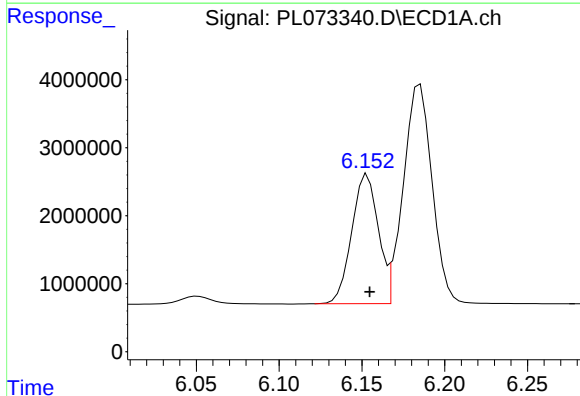
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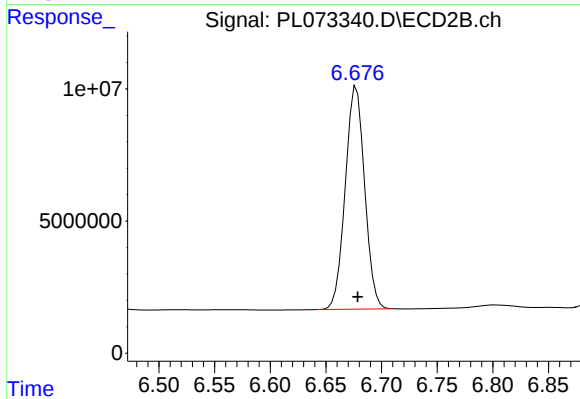
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 217584143
Conc: 103.86 ng/ml



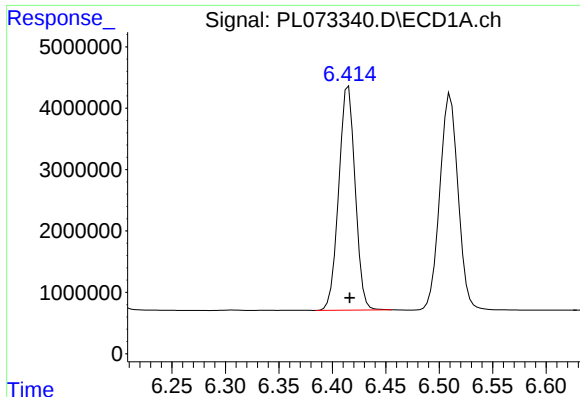
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 21188980
Conc: 102.91 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.001 min
Response: 102210591
Conc: 98.06 ng/ml



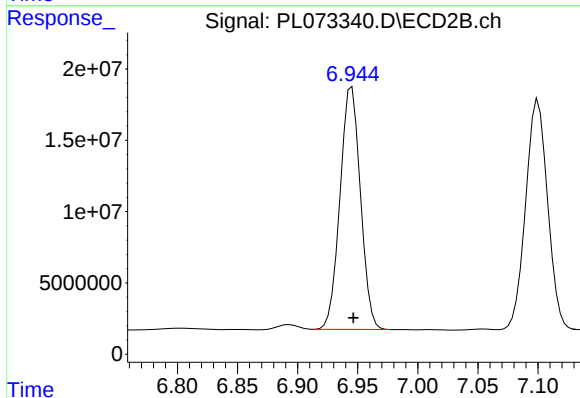
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 38937590
Conc: 96.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

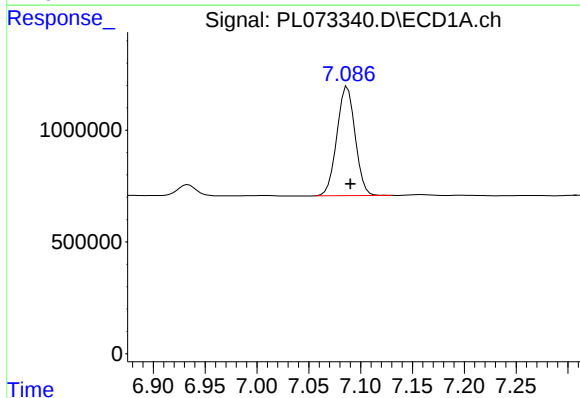
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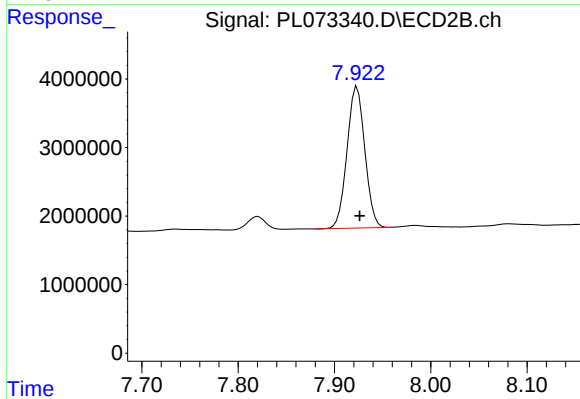
#7 delta-BHC

R.T.: 6.944 min
Delta R.T.: -0.002 min
Response: 201522729
Conc: 93.58 ng/ml m



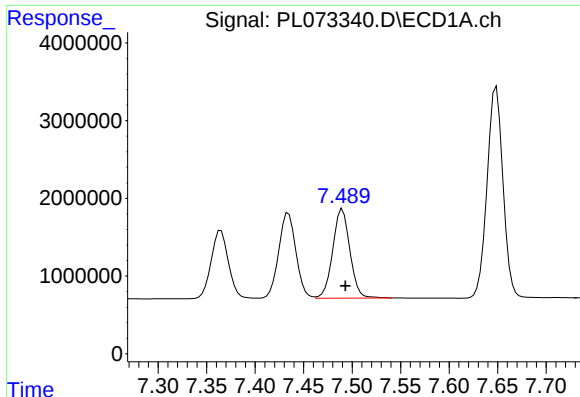
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 5985098
Conc: 13.89 ng/ml



#8 Heptachlor epoxide

R.T.: 7.923 min
Delta R.T.: -0.003 min
Response: 26441424
Conc: 13.24 ng/ml



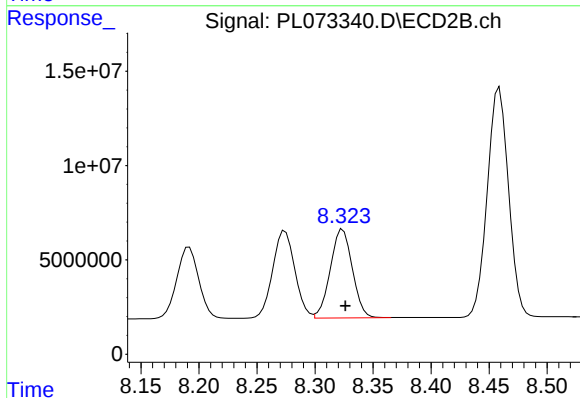
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 14102689
Conc: 34.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

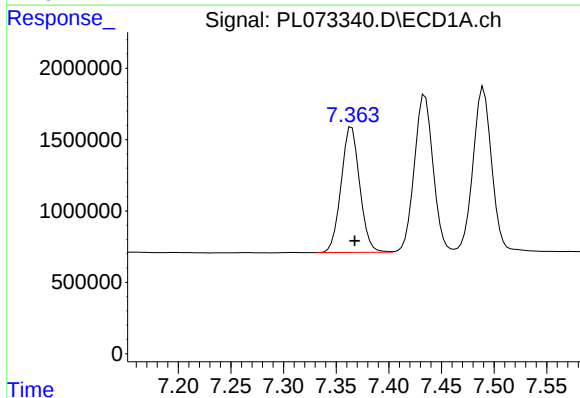
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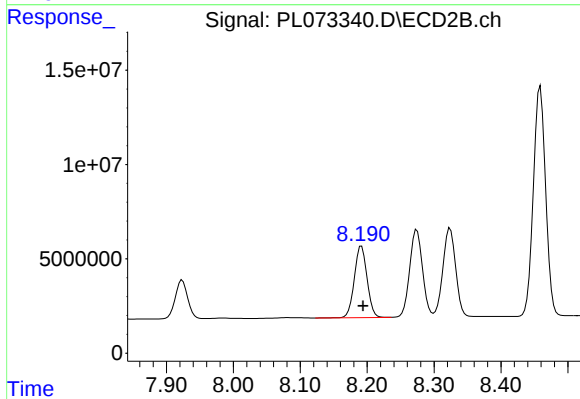
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.002 min
Response: 62271077
Conc: 34.11 ng/ml



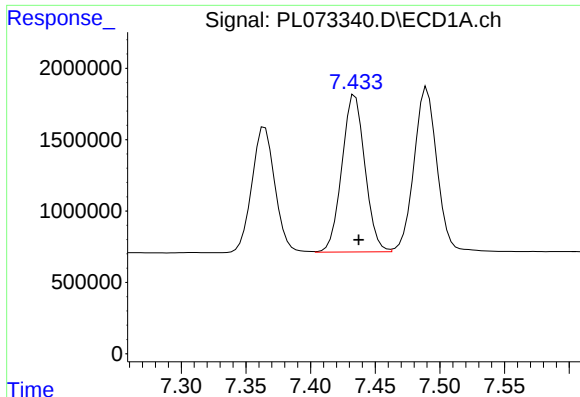
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 10871028
Conc: 24.86 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.002 min
Response: 50161625
Conc: 24.56 ng/ml



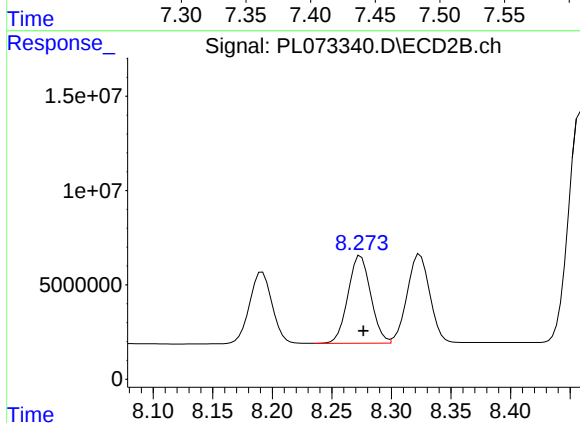
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.003 min
Response: 13607538
Conc: 30.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

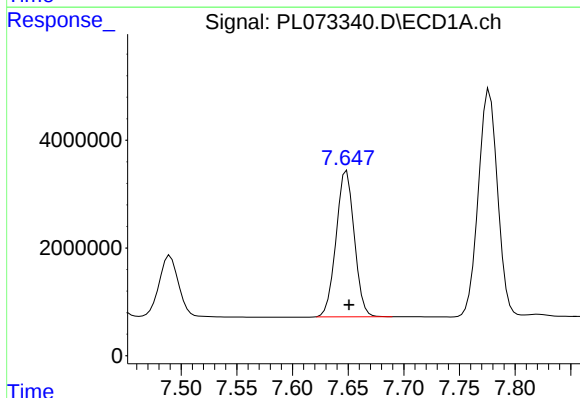
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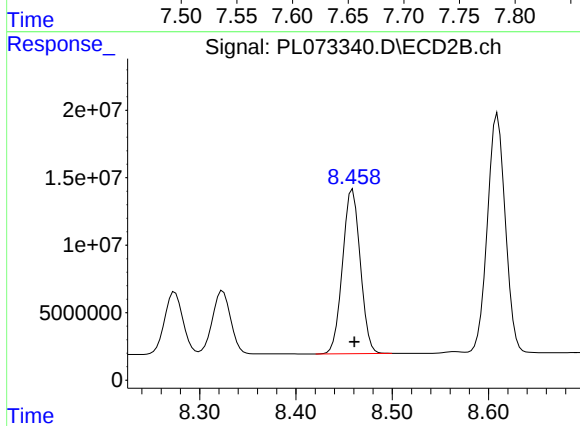
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: -0.002 min
Response: 61651587
Conc: 30.83 ng/ml



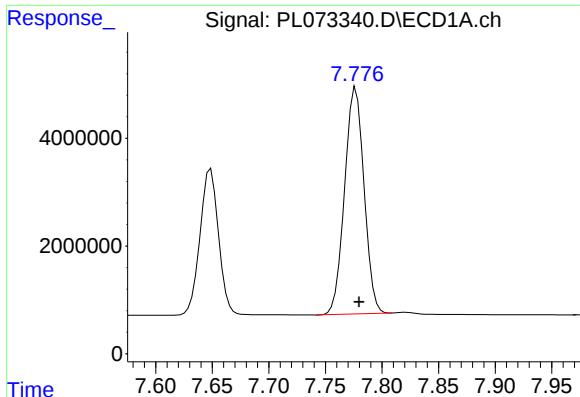
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 30838085
Conc: 85.94 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.002 min
Response: 155303703
Conc: 86.65 ng/ml



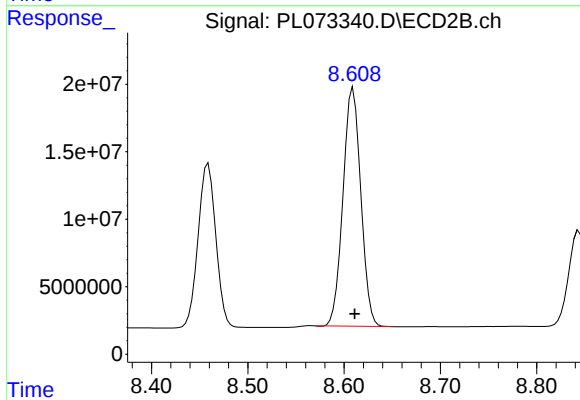
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 50306181
Conc: 120.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

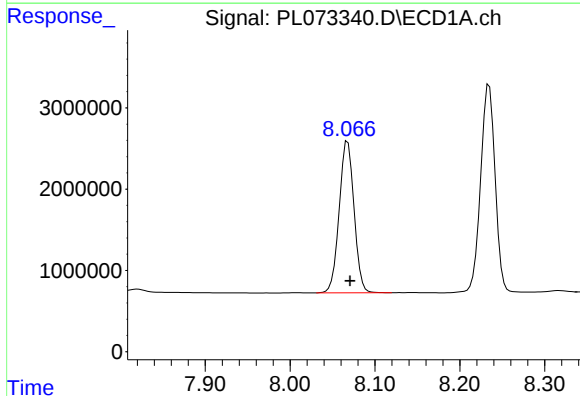
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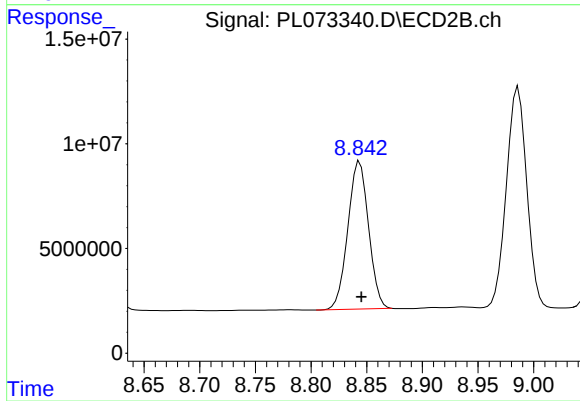
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.002 min
Response: 226471257
Conc: 122.77 ng/ml



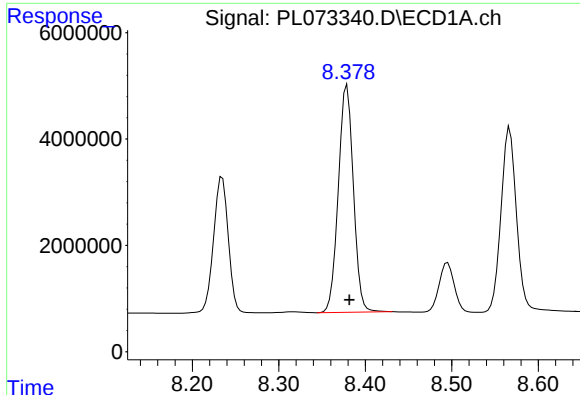
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 22675301
Conc: 58.44 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.002 min
Response: 91577419
Conc: 59.49 ng/ml



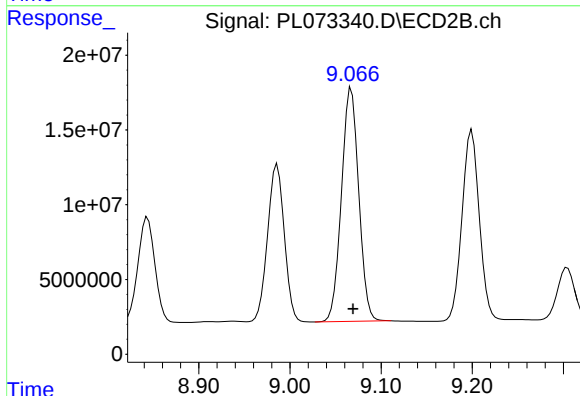
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 51345302
Conc: 131.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

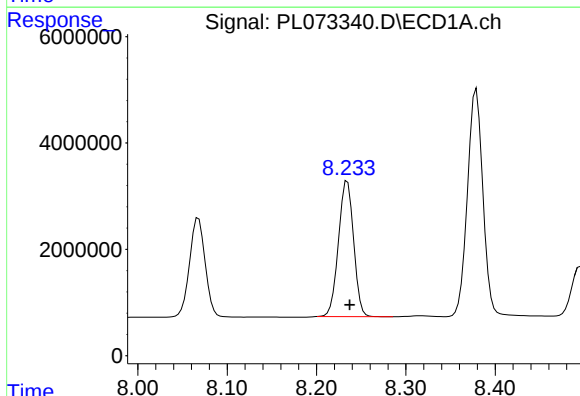
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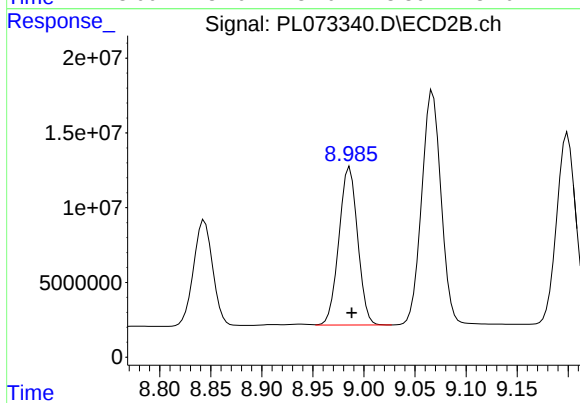
#15 Endosulfan II

R.T.: 9.067 min
Delta R.T.: -0.002 min
Response: 205581656
Conc: 133.86 ng/ml



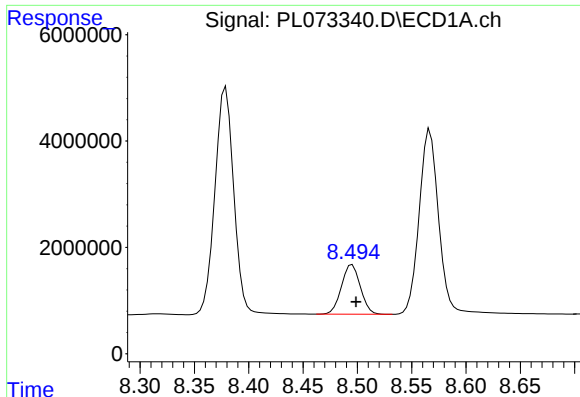
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.003 min
Response: 30121805
Conc: 92.76 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.002 min
Response: 134849020
Conc: 92.38 ng/ml



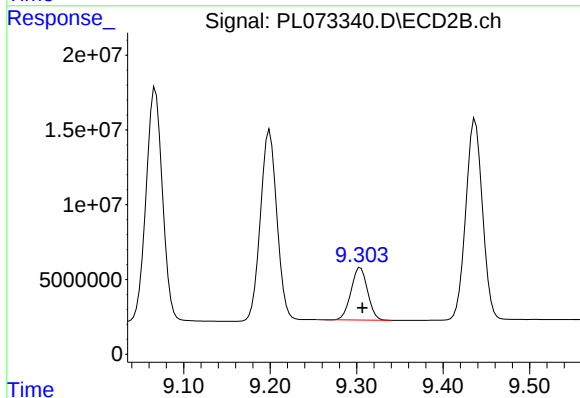
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.003 min
Response: 11307812
Conc: 29.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

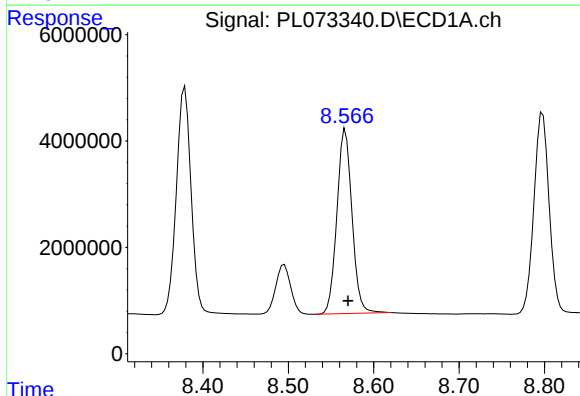
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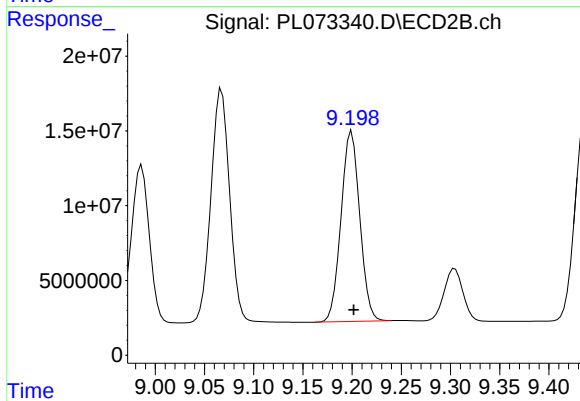
#17 4,4'-DDT

R.T.: 9.304 min
Delta R.T.: -0.002 min
Response: 46275205
Conc: 28.31 ng/ml



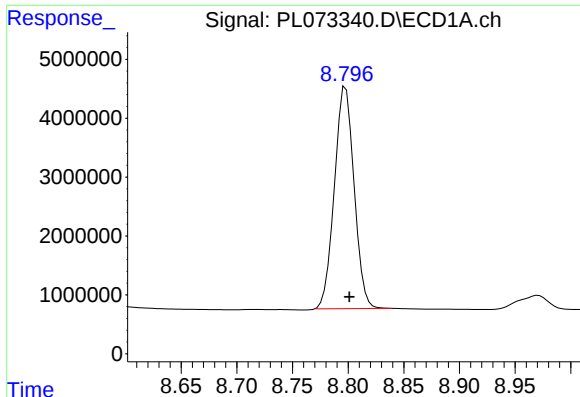
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 42613336
Conc: 134.75 ng/ml



#18 Endrin aldehyde

R.T.: 9.198 min
Delta R.T.: -0.003 min
Response: 168452824
Conc: 137.37 ng/ml m



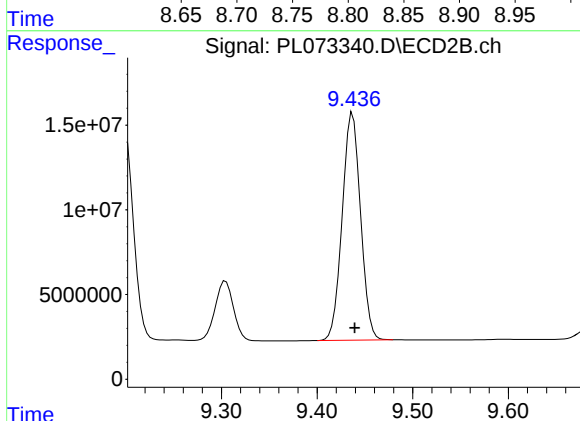
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 46399919
Conc: 109.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

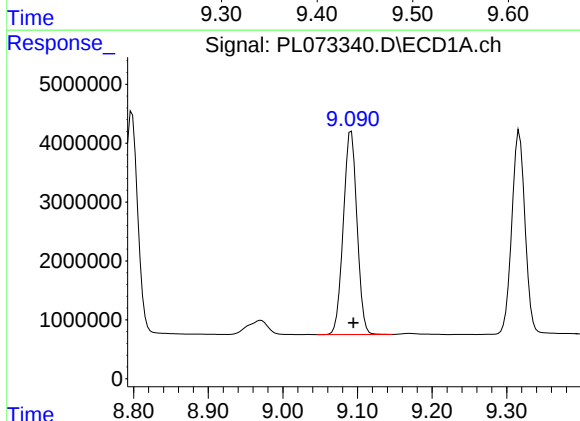
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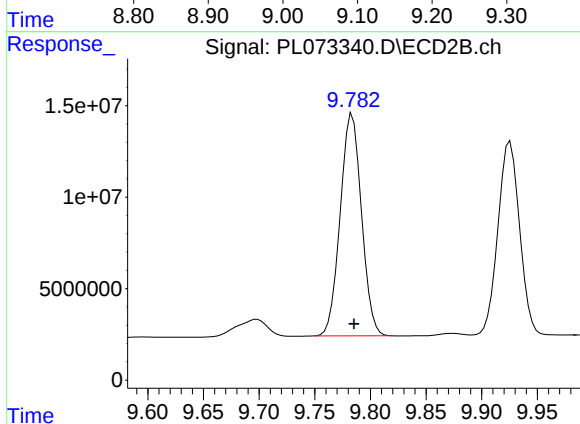
#19 Endosulfan Sulfate

R.T.: 9.437 min
Delta R.T.: -0.002 min
Response: 179846826
Conc: 114.11 ng/ml



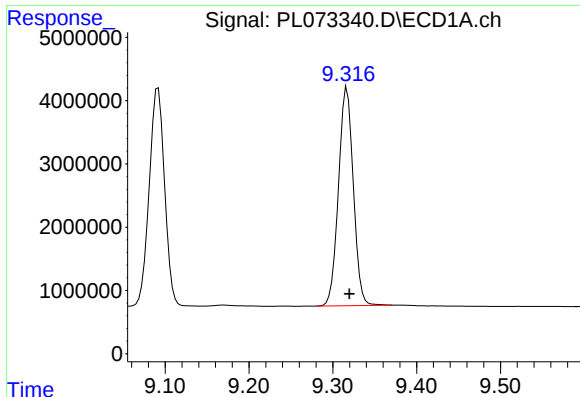
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 43915778
Conc: 171.19 ng/ml



#20 Methoxychlor

R.T.: 9.784 min
Delta R.T.: -0.002 min
Response: 161469825
Conc: 179.20 ng/ml



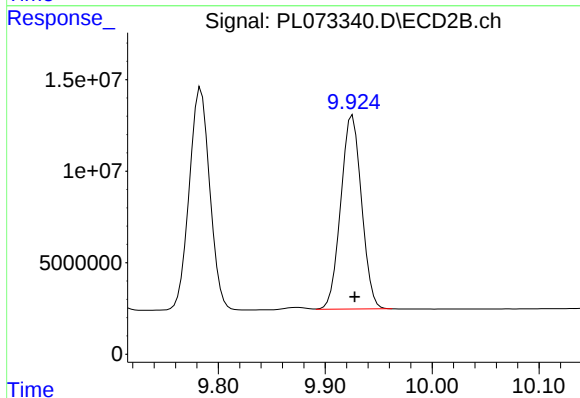
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 42404249
Conc: 86.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

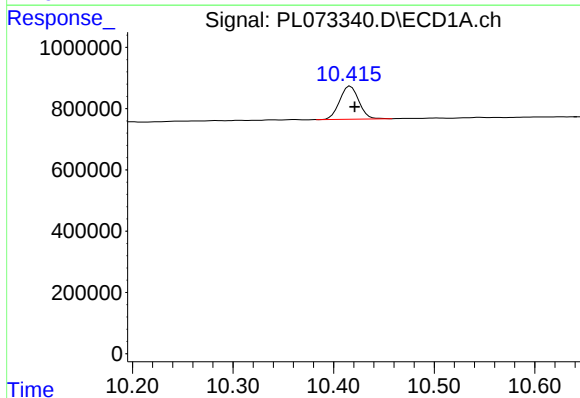
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/15/2022
Supervised By :Ankita Jodhani 03/15/2022



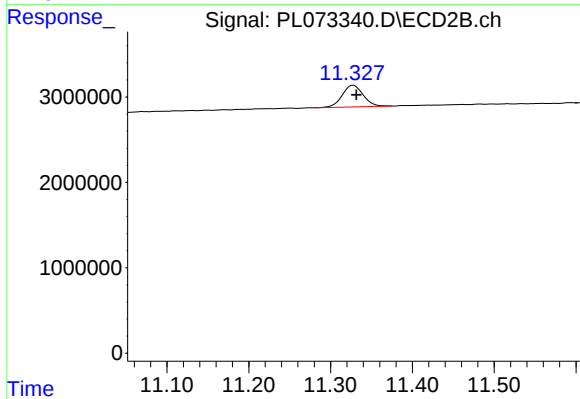
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.002 min
Response: 143004775
Conc: 86.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 1428220
Conc: 2.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.328 min
Delta R.T.: -0.003 min
Response: 4569231
Conc: 2.56 ng/ml