

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031422\
 Data File : PL073344.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2022 18:55
 Operator : AR\AJ
 Sample : PB143300BS
 Misc : PEST BS
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143300BS

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 05:05:28 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	6295940	32339169	19.657	19.704
28)	SA Decachlor...	10.417	11.328	10455312	37045028	20.561	20.717
Target Compounds							
2)	A alpha-BHC	5.349	6.052	20302888	114.9E6	49.255	51.085
3)	MA gamma-BHC...	5.773	6.441	20381217	107.8E6	48.860	50.512
4)	MA Heptachlor	6.185	7.100	21774686	115.6E6	48.260	49.346
5)	MB Aldrin	6.510	7.468	21017515	110.0E6	50.869	52.510
6)	B beta-BHC	6.153	6.677	9760591	47899601	47.405	45.952
7)	B delta-BHC	6.415	6.945	19992346	107.8E6	49.776	50.065
8)	B Heptachlo...	7.087	7.924	21390101	101.2E6	49.631	50.678
9)	A Endosulfan I	7.490	8.324	20193080	91363730	49.225	50.052
10)	B gamma-Chl...	7.365	8.191	21742972	103.2E6	49.721	50.512
11)	B alpha-Chl...	7.434	8.274	21974622	101.5E6	49.724	50.759
12)	B 4,4'-DDE	7.648	8.459	18030397	92751549	50.247	51.748
13)	MA Dieldrin	7.777	8.609	21625667	97239002	51.907	52.712
14)	MA Endrin	8.068	8.843	19336434	78117804	49.836	50.745
15)	B Endosulfa...	8.378	9.067	20697425	82488293	52.951	53.709
16)	A 4,4'-DDD	8.234	8.986	16551325	74626513	50.968	51.124
17)	MA 4,4'-DDT	8.495	9.304	18487736	78907262	48.886	48.275
18)	B Endrin al...	8.567	9.198	17194154	66639054	54.369	54.341m
19)	B Endosulfa...	8.797	9.436	21334697	79964359	50.506m	50.737
20)	A Methoxychlor	9.091	9.784	12405863	44293293	48.359	49.156
21)	B Endrin ke...	9.317	9.925	25527836	86042835	52.180	52.128
22)	Mirex	9.505	10.402	25654758	76430245	54.404	56.263

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

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ECD_L

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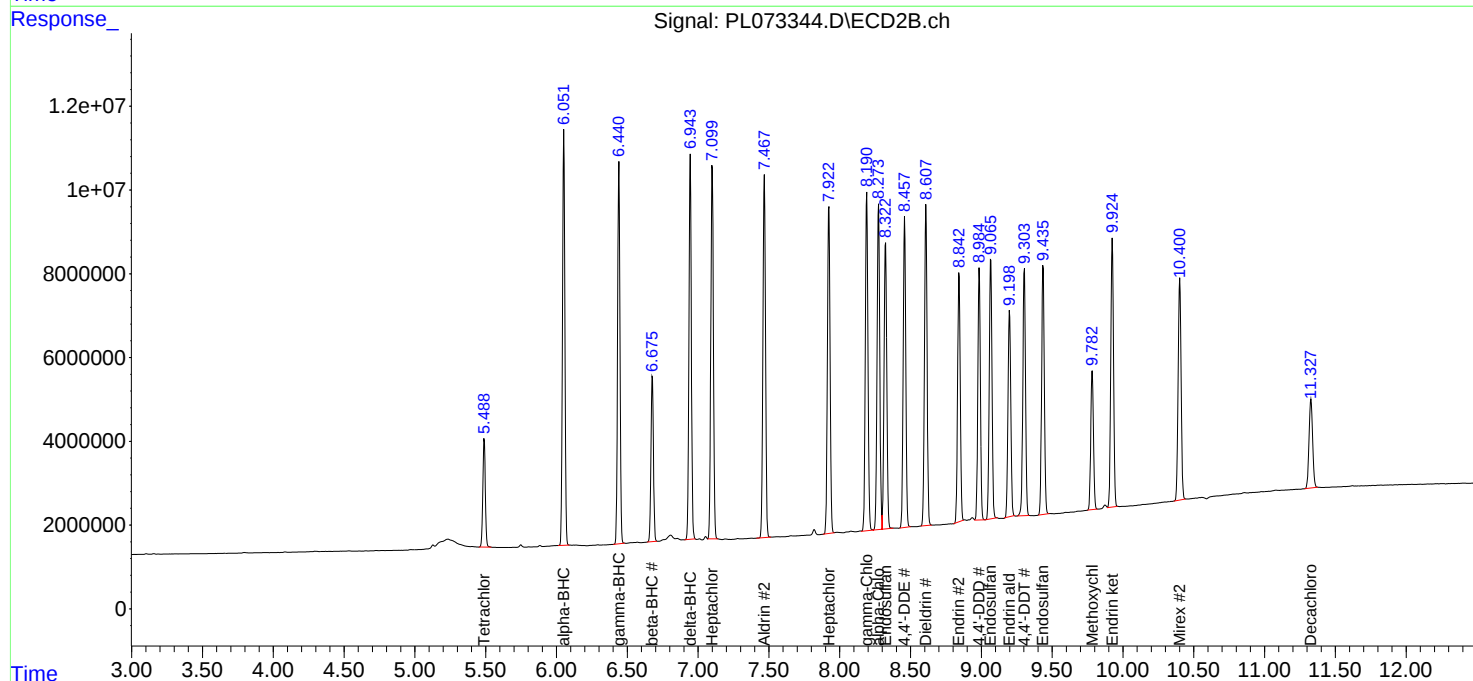
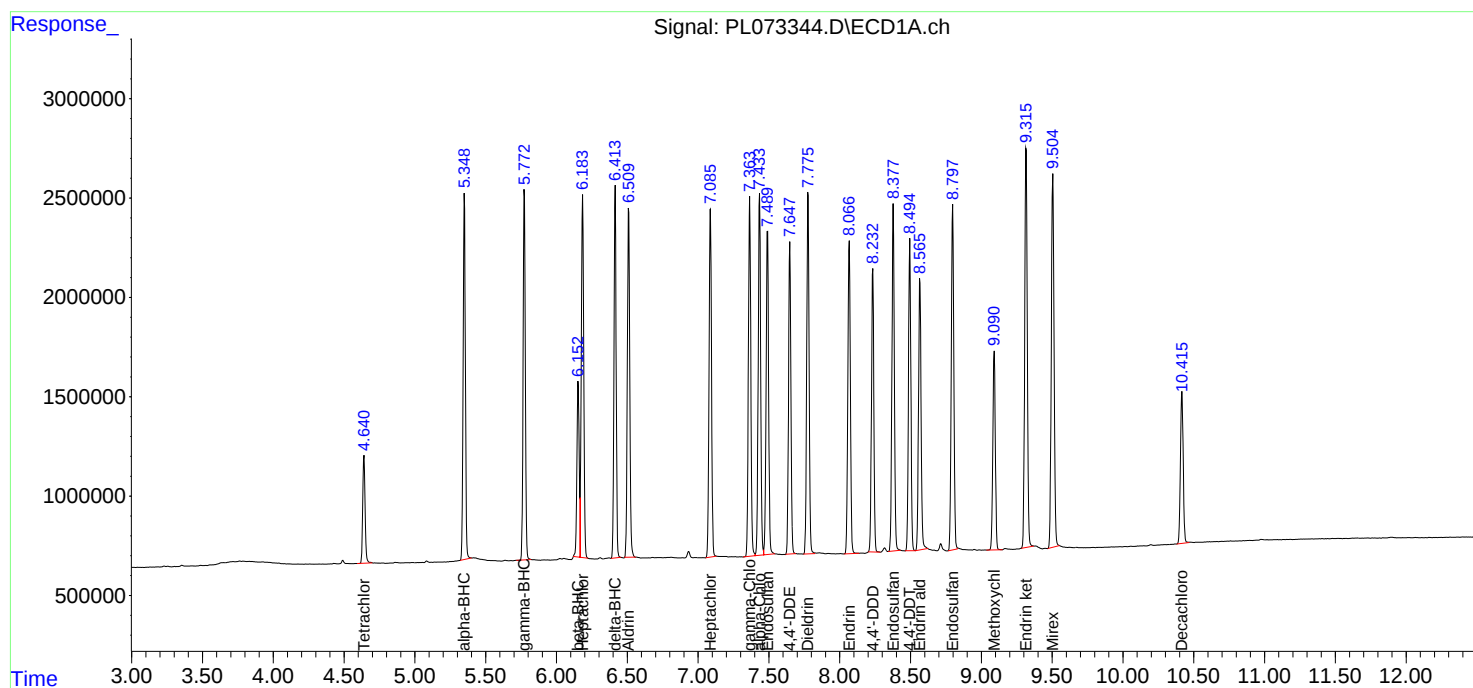
Manual Integrations

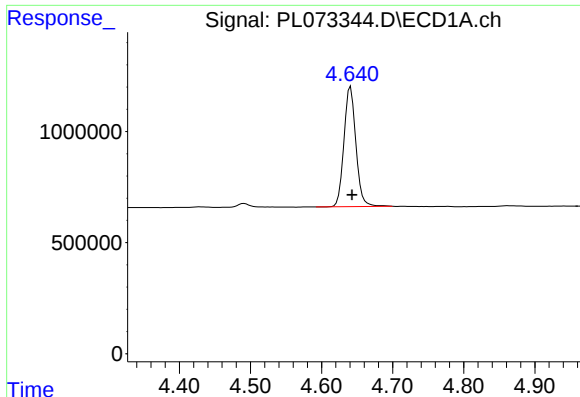
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 Supervised By :Ankita Jodhani 03/15/2022

Integration File signal 1: autoint1.e
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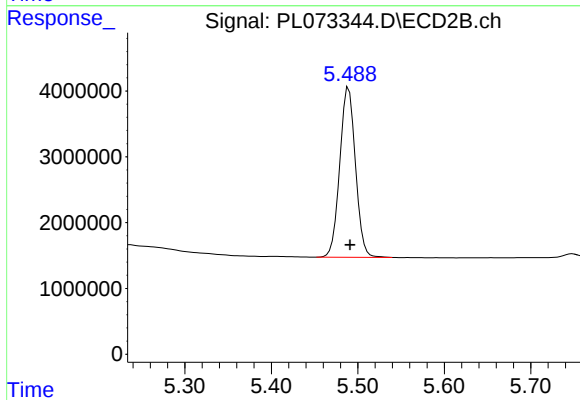
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6295940
Conc: 19.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143300BS

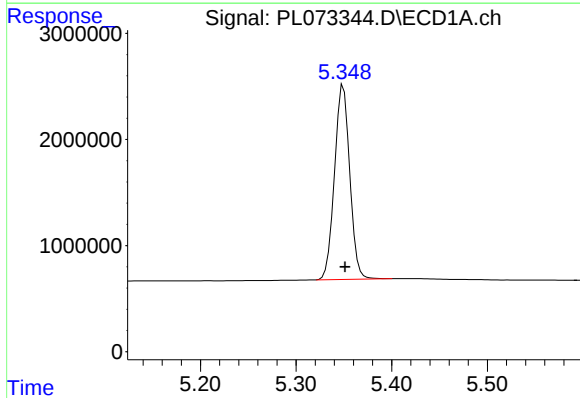
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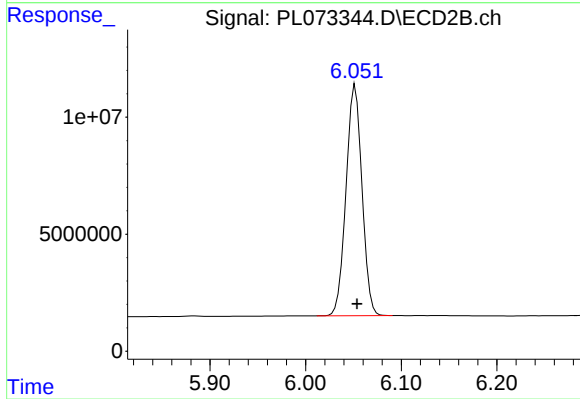
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 32339169
Conc: 19.70 ng/ml



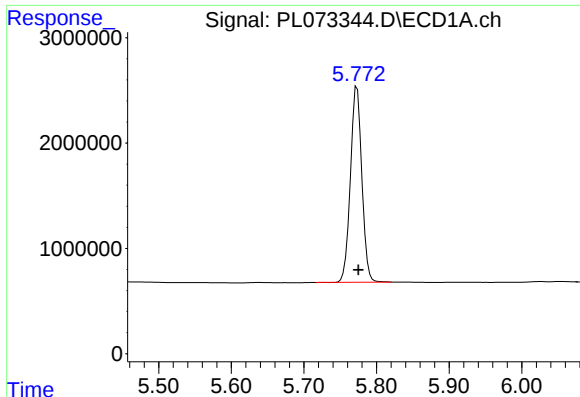
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 20302888
Conc: 49.25 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 114922997
Conc: 51.08 ng/ml



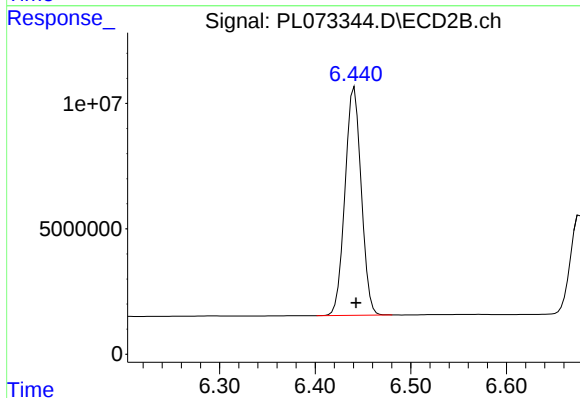
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 20381217
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143300BS

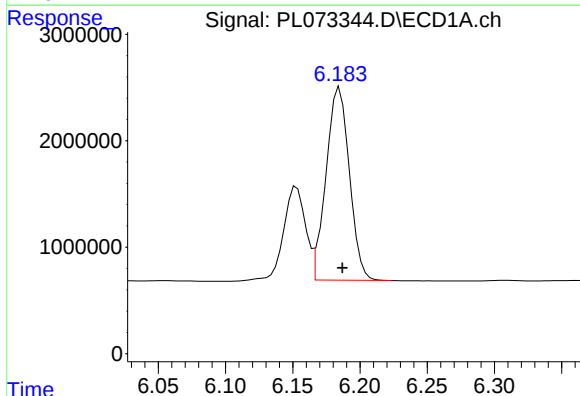
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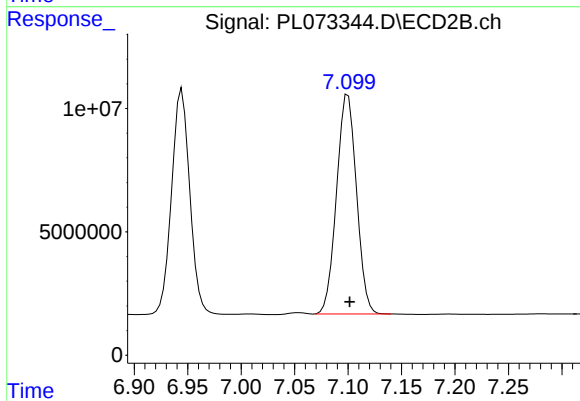
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 107846228
Conc: 50.51 ng/ml



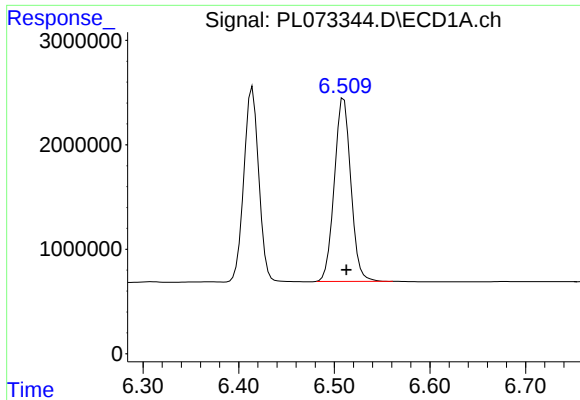
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 21774686
Conc: 48.26 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 115621302
Conc: 49.35 ng/ml



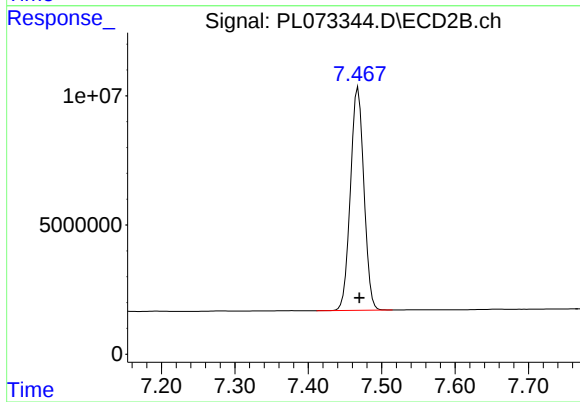
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 21017515
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143300BS

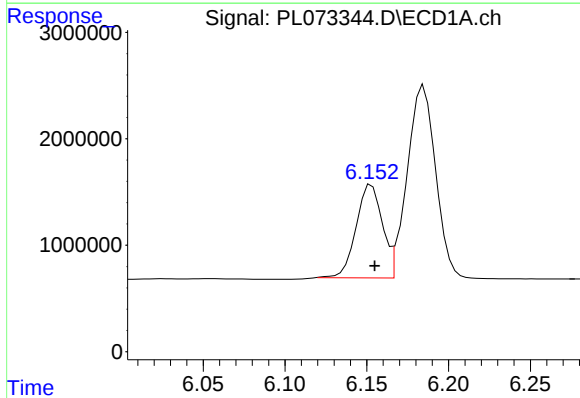
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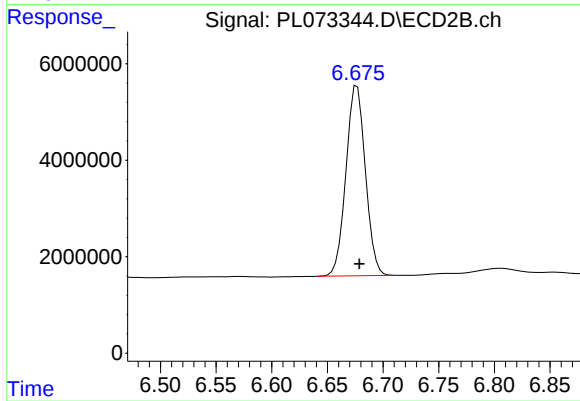
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 110006708
Conc: 52.51 ng/ml



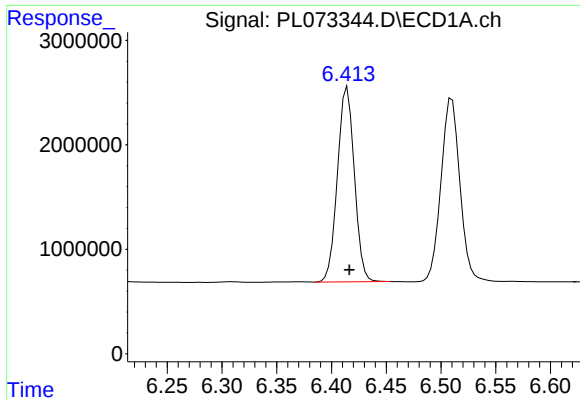
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 9760591
Conc: 47.41 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 47899601
Conc: 45.95 ng/ml



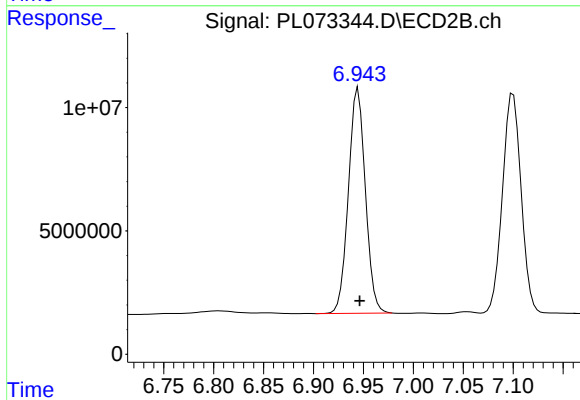
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.002 min
Response: 19992346
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143300BS

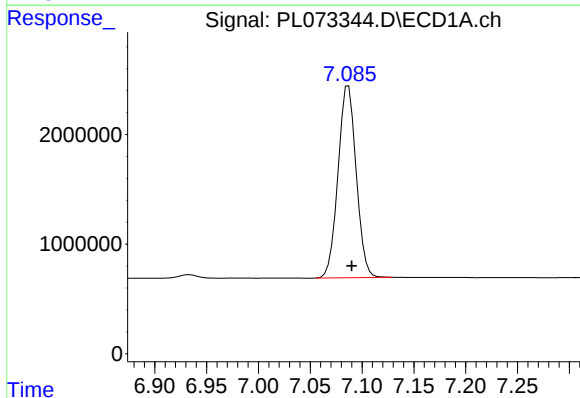
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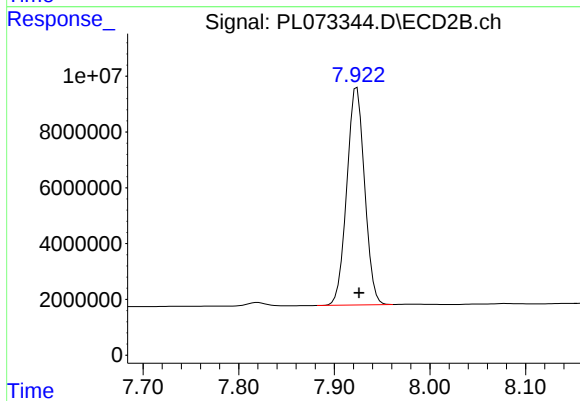
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 107818453
Conc: 50.07 ng/ml



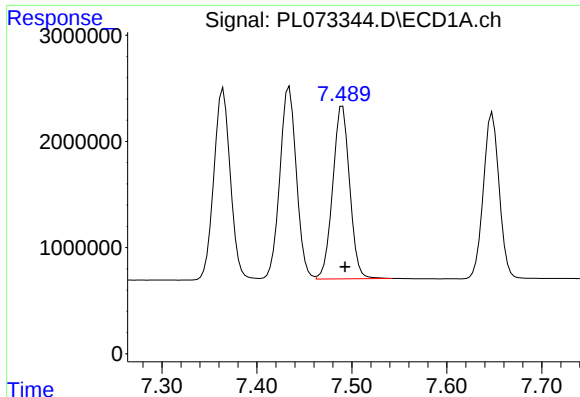
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 21390101
Conc: 49.63 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 101220274
Conc: 50.68 ng/ml



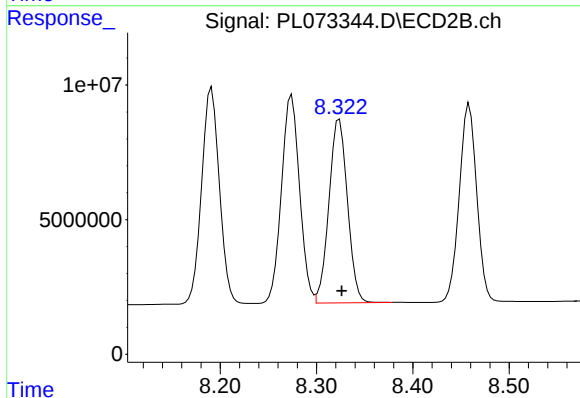
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 20193080
Conc: 49.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143300BS

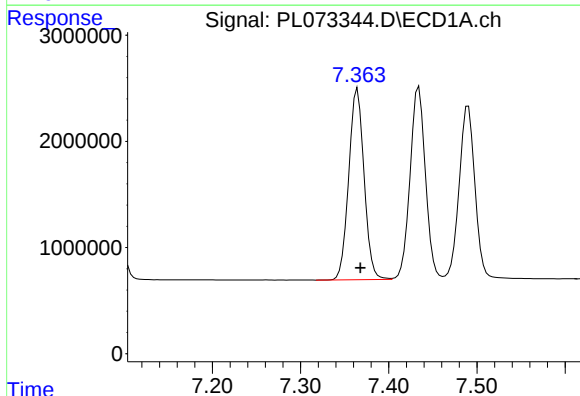
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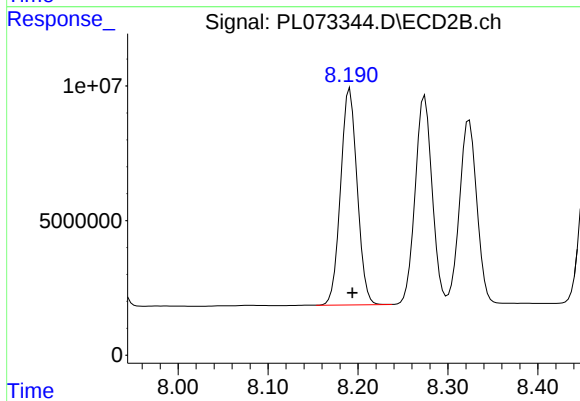
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 91363730
Conc: 50.05 ng/ml



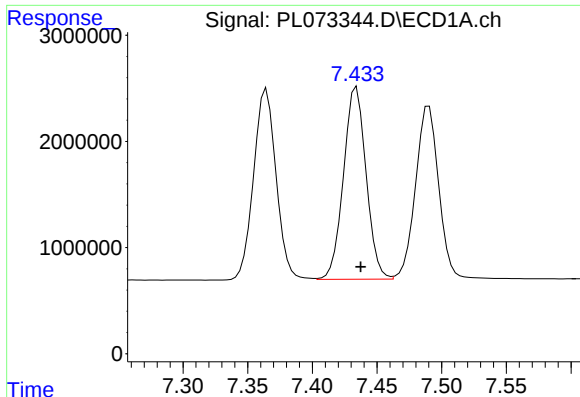
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 21742972
Conc: 49.72 ng/ml



#10 gamma-Chlordane

R.T.: 8.191 min
Delta R.T.: -0.003 min
Response: 103166378
Conc: 50.51 ng/ml



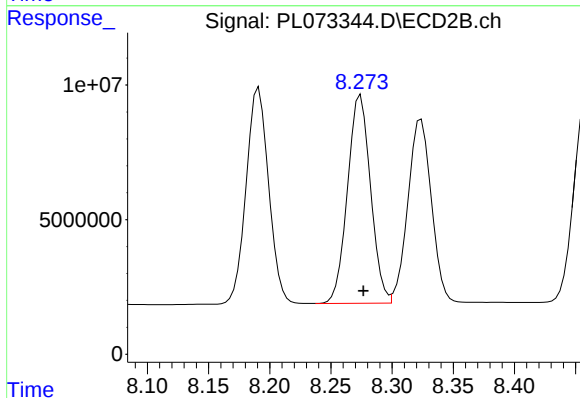
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.003 min
Response: 21974622
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143300BS

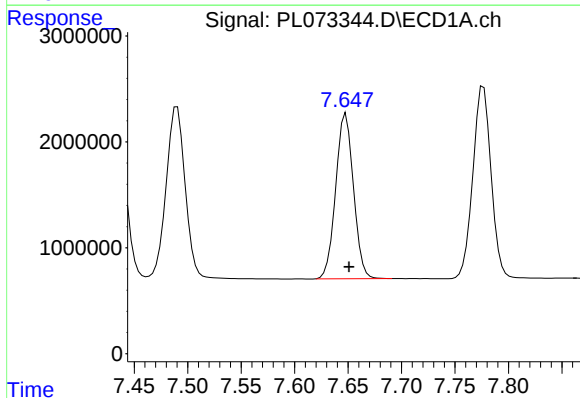
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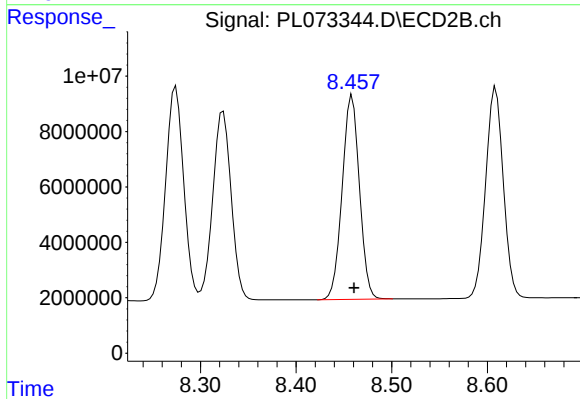
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: -0.002 min
Response: 101518957
Conc: 50.76 ng/ml



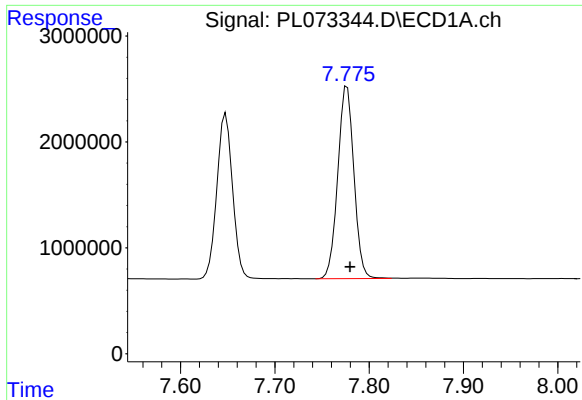
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 18030397
Conc: 50.25 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.002 min
Response: 92751549
Conc: 51.75 ng/ml



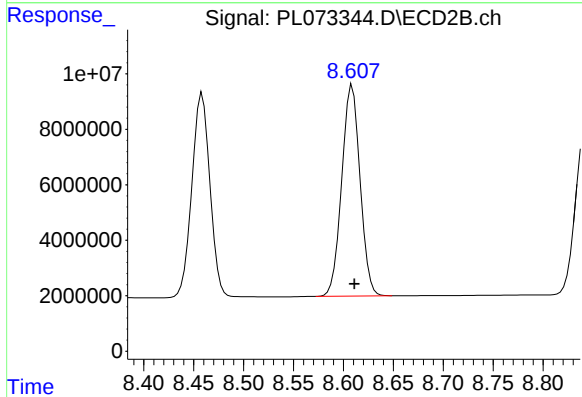
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 21625667
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143300BS

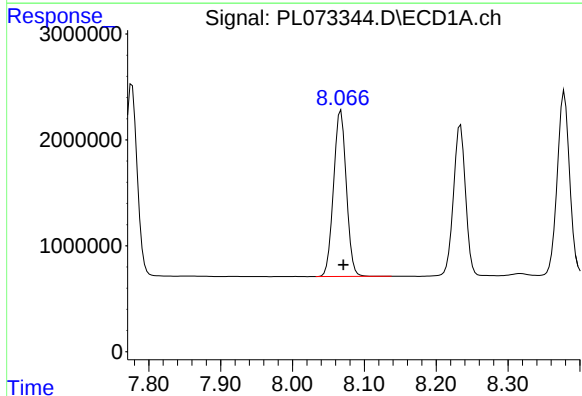
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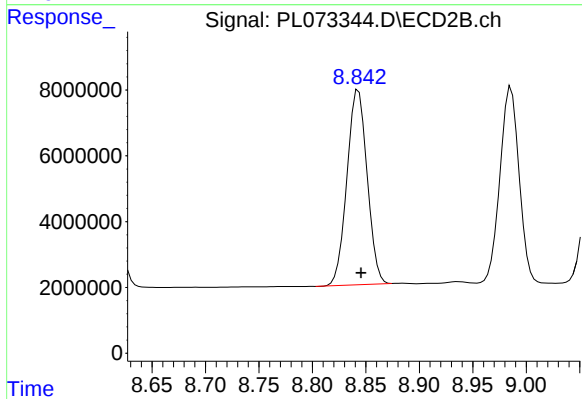
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.002 min
Response: 97239002
Conc: 52.71 ng/ml



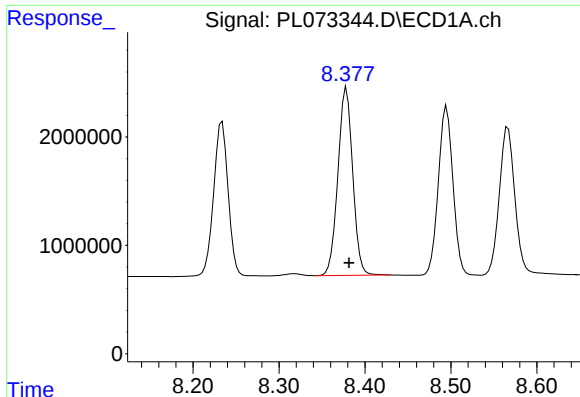
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 19336434
Conc: 49.84 ng/ml



#14 Endrin

R.T.: 8.843 min
Delta R.T.: -0.002 min
Response: 78117804
Conc: 50.75 ng/ml



#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.003 min
Response: 20697425
Conc: 52.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143300BS

Manual Integrations
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#15 Endosulfan II

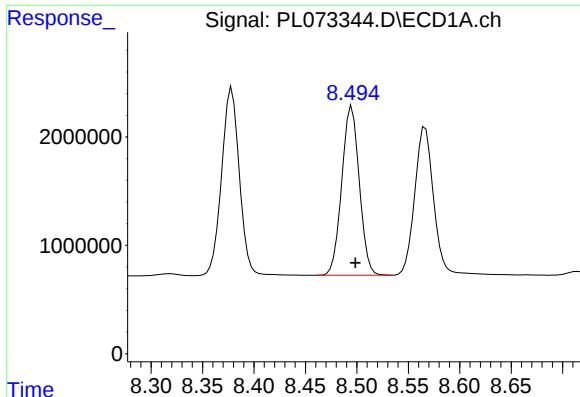
R.T.: 9.067 min
Delta R.T.: -0.002 min
Response: 82488293
Conc: 53.71 ng/ml

#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 16551325
Conc: 50.97 ng/ml

#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.002 min
Response: 74626513
Conc: 51.12 ng/ml



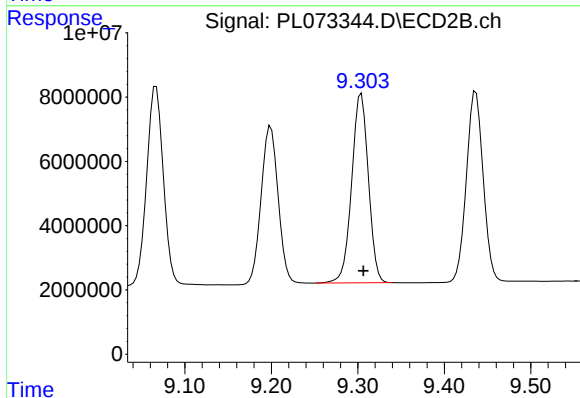
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 18487736
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143300BS

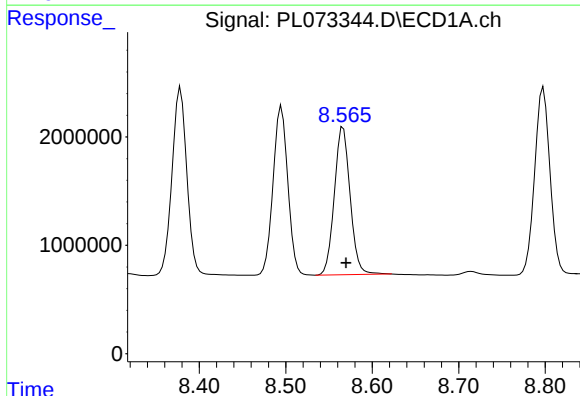
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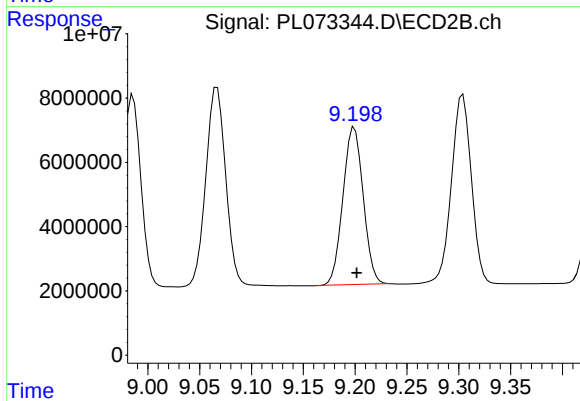
#17 4,4'-DDT

R.T.: 9.304 min
Delta R.T.: -0.003 min
Response: 78907262
Conc: 48.28 ng/ml



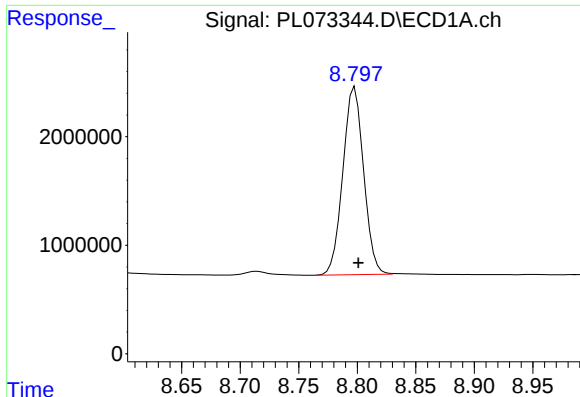
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 17194154
Conc: 54.37 ng/ml



#18 Endrin aldehyde

R.T.: 9.198 min
Delta R.T.: -0.004 min
Response: 66639054
Conc: 54.34 ng/ml m



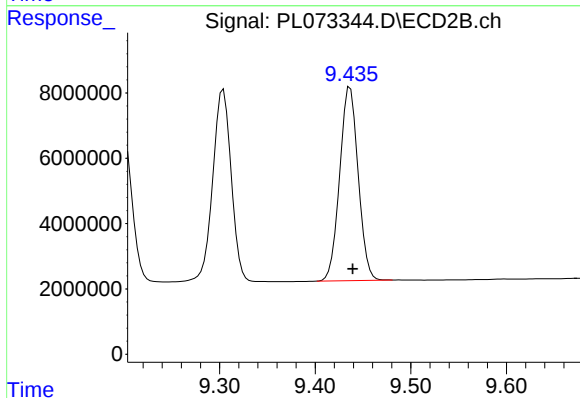
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 21334697
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143300BS

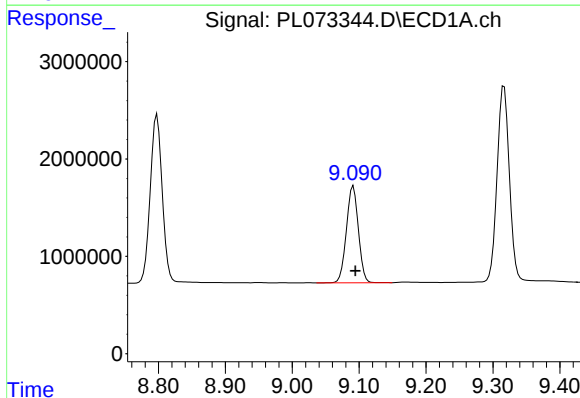
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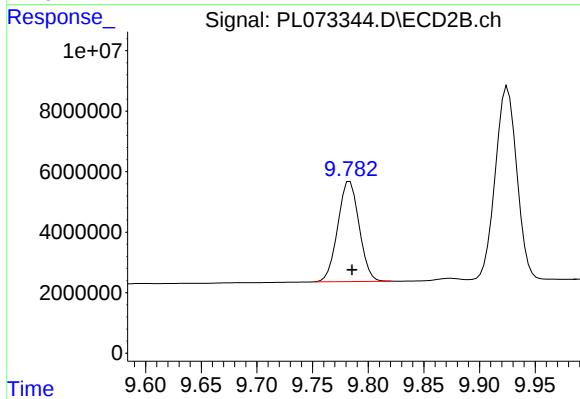
#19 Endosulfan Sulfate

R.T.: 9.436 min
Delta R.T.: -0.003 min
Response: 79964359
Conc: 50.74 ng/ml



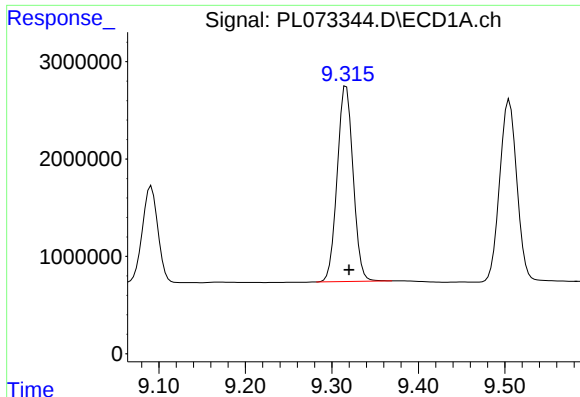
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.003 min
Response: 12405863
Conc: 48.36 ng/ml



#20 Methoxychlor

R.T.: 9.784 min
Delta R.T.: -0.002 min
Response: 44293293
Conc: 49.16 ng/ml



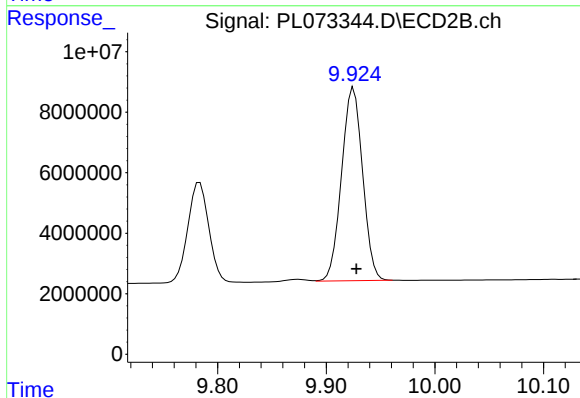
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 25527836
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143300BS

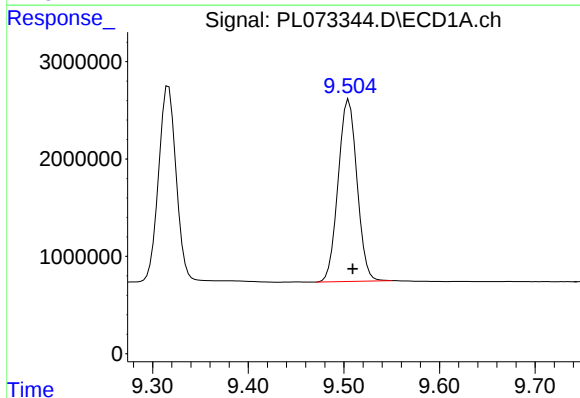
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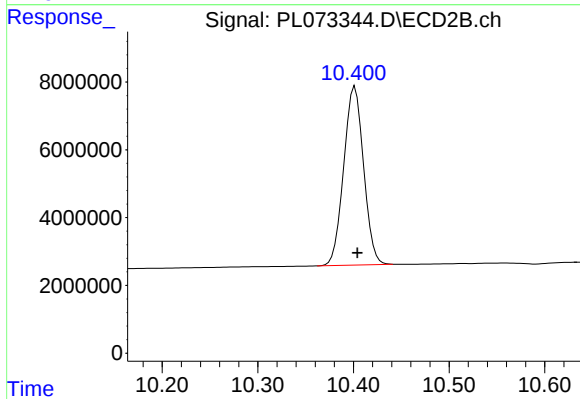
#21 Endrin ketone

R.T.: 9.925 min
Delta R.T.: -0.002 min
Response: 86042835
Conc: 52.13 ng/ml



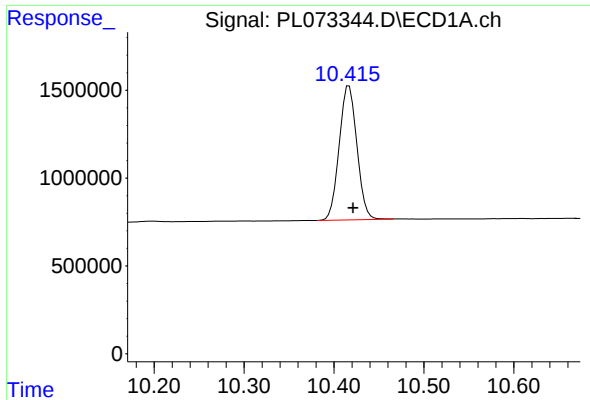
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 25654758
Conc: 54.40 ng/ml



#22 Mirex

R.T.: 10.402 min
Delta R.T.: -0.003 min
Response: 76430245
Conc: 56.26 ng/ml



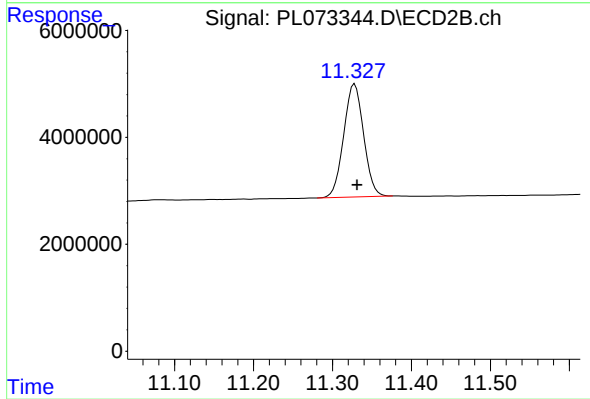
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 10455312
Conc: 20.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143300BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.328 min
Delta R.T.: -0.003 min
Response: 37045028
Conc: 20.72 ng/ml