

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030222\
 Data File : PL073109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2022 23:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 02:36:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022622.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 28 02:28:04 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...	4.647	5.491	17436412	82359319	54.411	56.753
28)	SA Decachlor...	10.427	11.331	25026717	88266604	53.468	55.952
Target Compounds							
2)	A alpha-BHC	5.356	6.053	23111478	116.8E6	54.844	59.201
3)	MA gamma-BHC...	5.779	6.443	22858952	108.7E6	51.695	58.125
4)	MA Heptachlor	6.192	7.102	23546135	111.1E6	51.298	55.579
5)	MB Aldrin	6.518	7.470	23318098	107.8E6	52.578	58.880
6)	B beta-BHC	6.159	6.678	11377847	49483186	51.090	54.872
7)	B delta-BHC	6.421	6.946	23465236	111.1E6	53.734	58.679
8)	B Heptachlo...	7.095	7.926	23275020	100.5E6	49.957	57.071
9)	A Endosulfan I	7.498	8.326	21818545	89814101	49.191	55.444
10)	B gamma-Chl...	7.373	8.194	23703316	100.4E6	49.914	56.228
11)	B alpha-Chl...	7.443	8.277	23832717	98946440	49.796	56.202
12)	B 4,4'-DDE	7.657	8.461	20057089	88919773	51.602	56.871
13)	MA Dieldrin	7.783	8.612	23227803	93817285	51.835m	58.088
14)	MA Endrin	8.076	8.846	20905946	73845378	52.650	55.785
15)	B Endosulfa...	8.386	9.068	22702930	81410669	52.344	58.828m
16)	A 4,4'-DDD	8.242	8.987	18438729	74363978	52.943	55.919m
17)	MA 4,4'-DDT	8.505	9.307	18829604	71836052	49.480	52.371
18)	B Endrin al...	8.575	9.202	15411973	55315885	48.007	50.833
19)	B Endosulfa...	8.807	9.439	22814129	78009093	51.900	55.021
20)	A Methoxychlor	9.100	9.786	12785233	41400851	51.189	52.882
21)	B Endrin ke...	9.326	9.928	27023425	85605351	54.509	58.385
22)	Mirex	9.515	10.404	24047252	67558532	42.620	46.003

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

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ECD_L

ClientSampleId :

PSTDCCC050

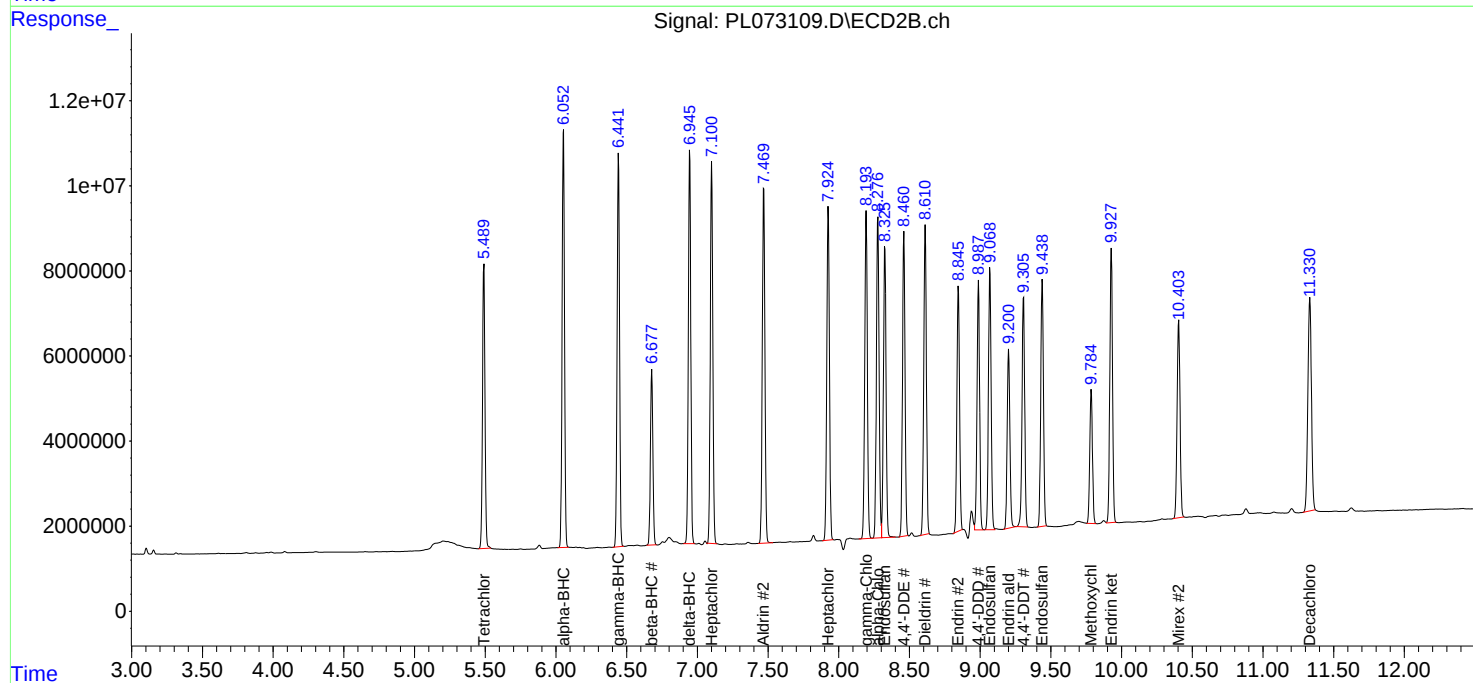
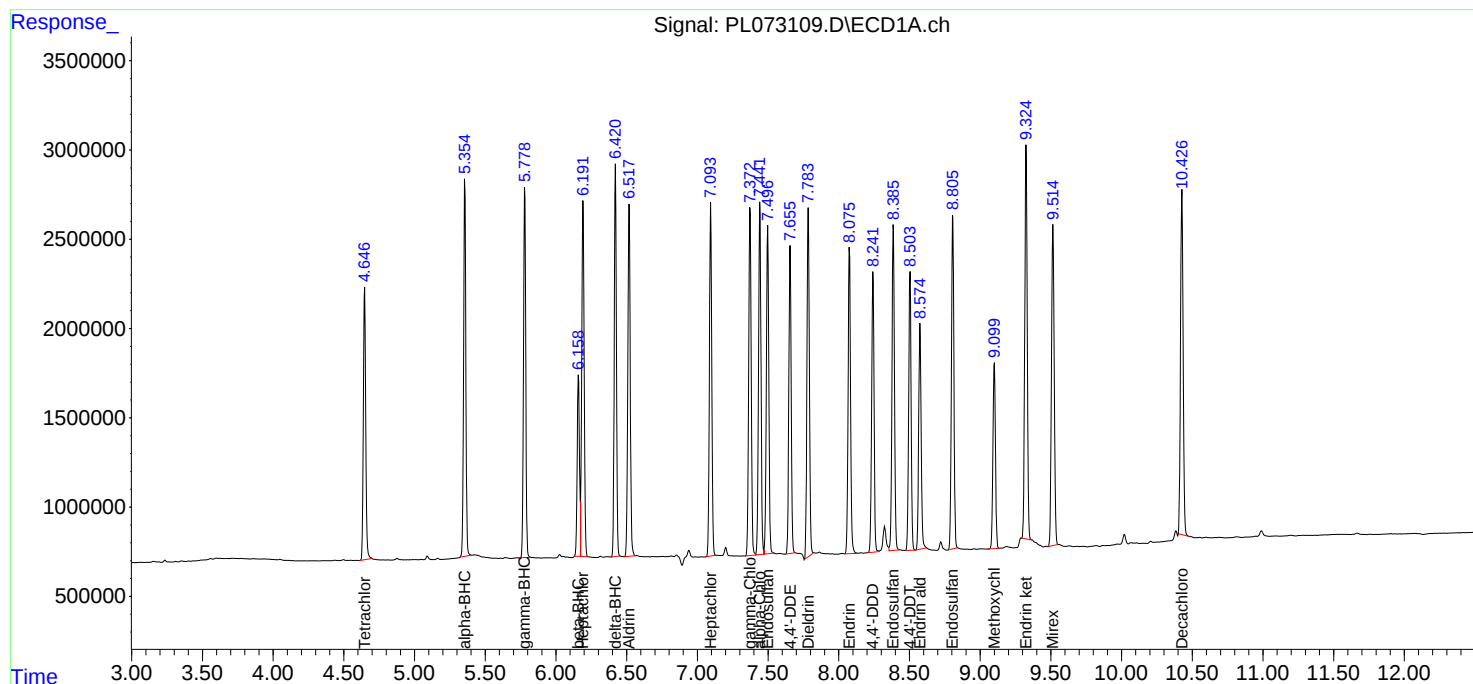
Manual Integrations

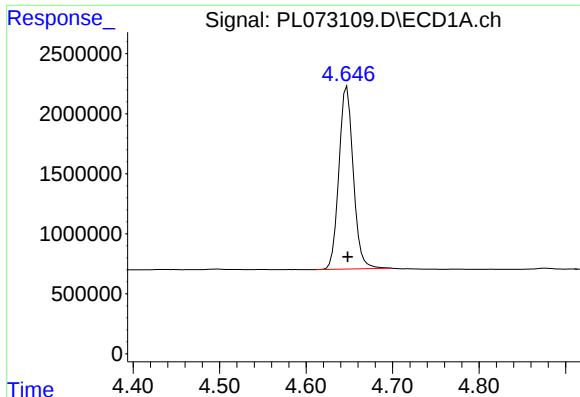
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 Supervised By :Ankita Jodhani 03/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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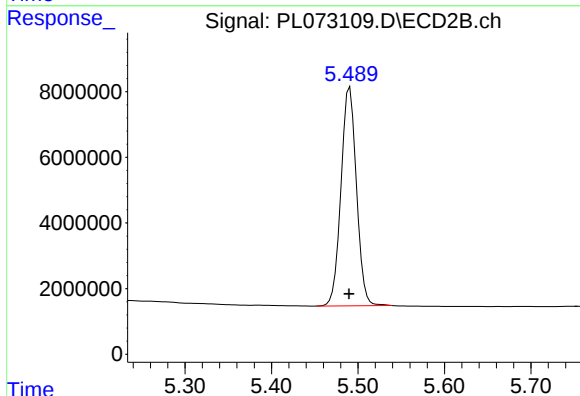
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 17436412
Conc: 54.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

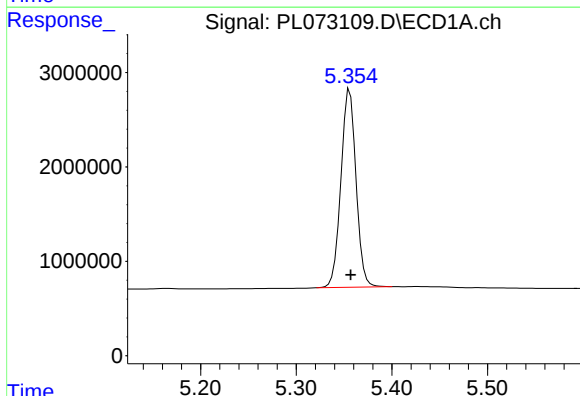
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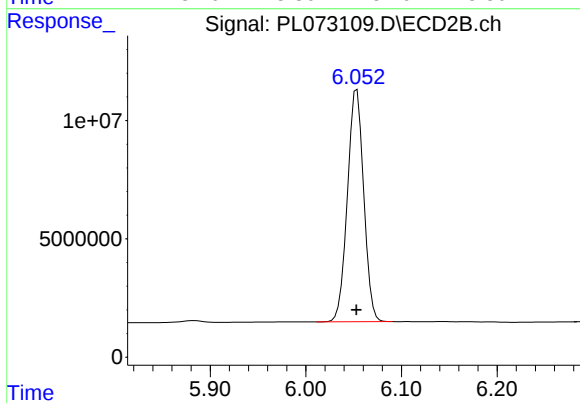
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 82359319
Conc: 56.75 ng/ml



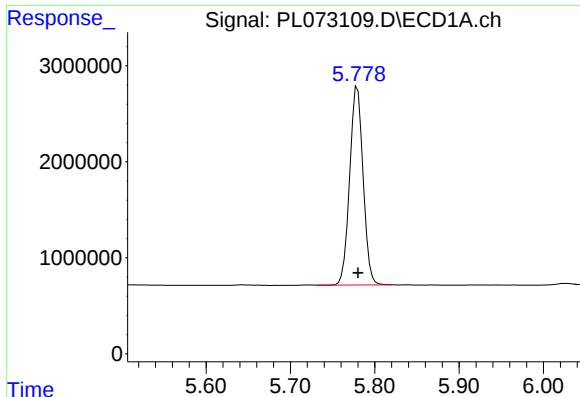
#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: -0.001 min
Response: 23111478
Conc: 54.84 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 116762228
Conc: 59.20 ng/ml



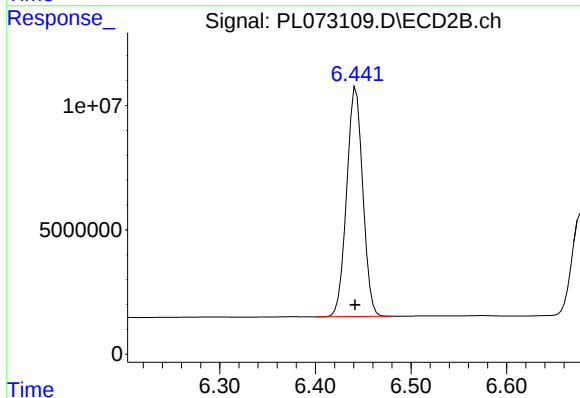
#3 gamma-BHC (Lindane)

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 22858952
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

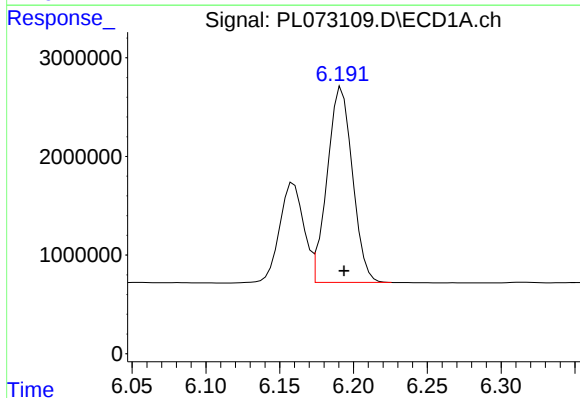
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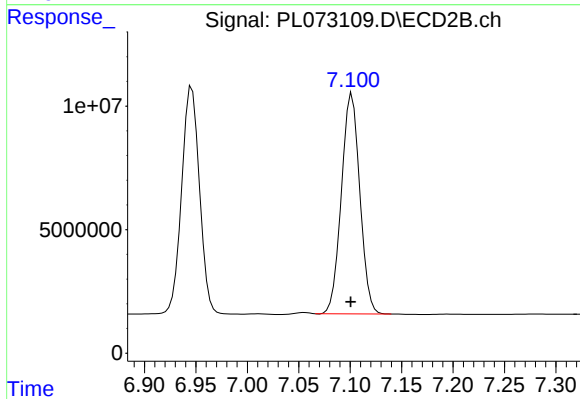
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 108676602
Conc: 58.13 ng/ml



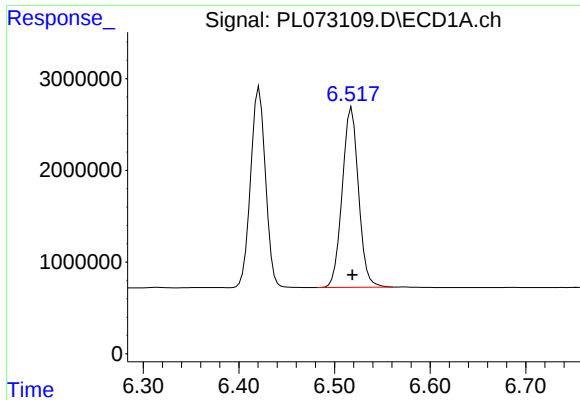
#4 Heptachlor

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 23546135
Conc: 51.30 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.001 min
Response: 111100772
Conc: 55.58 ng/ml



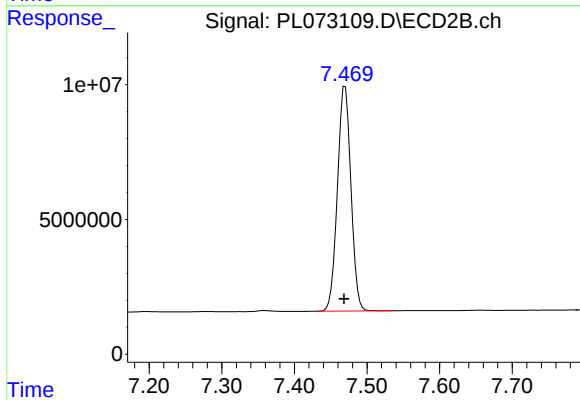
#5 Aldrin

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 23318098
Conc: 52.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

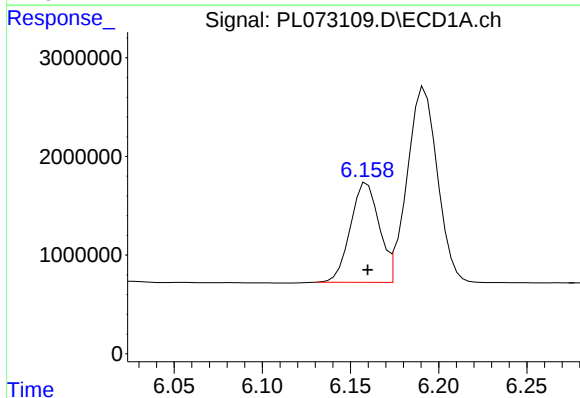
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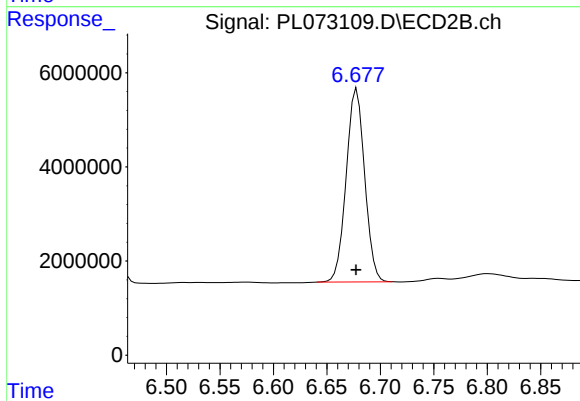
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.002 min
Response: 107756341
Conc: 58.88 ng/ml



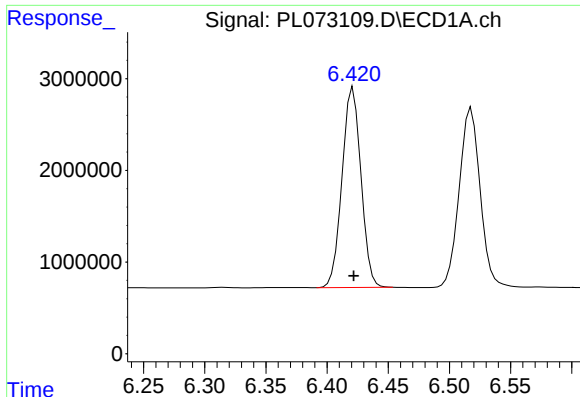
#6 beta-BHC

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 11377847
Conc: 51.09 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.001 min
Response: 49483186
Conc: 54.87 ng/ml



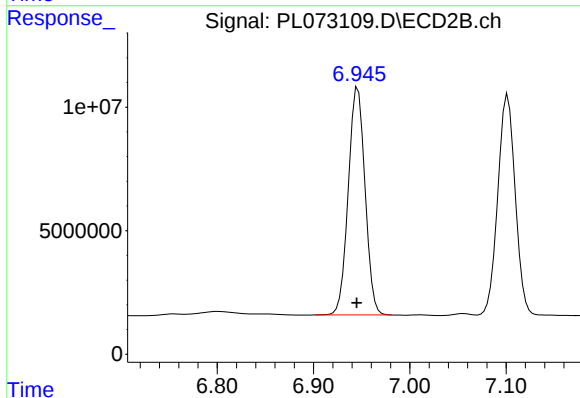
#7 delta-BHC

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 23465236
Conc: 53.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

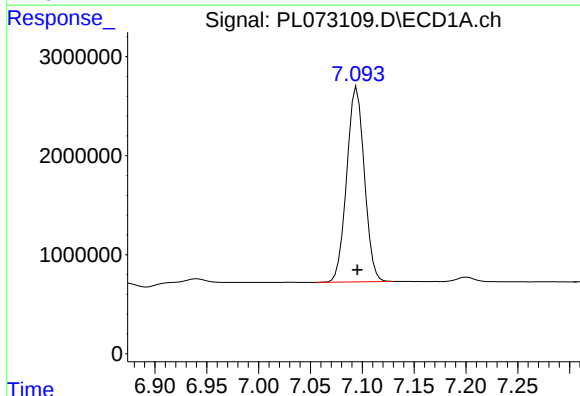
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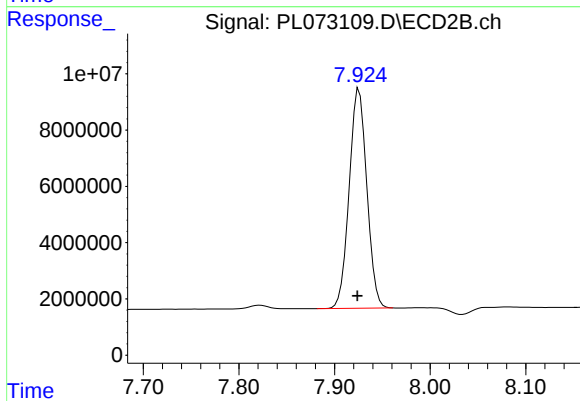
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.001 min
Response: 111052230
Conc: 58.68 ng/ml



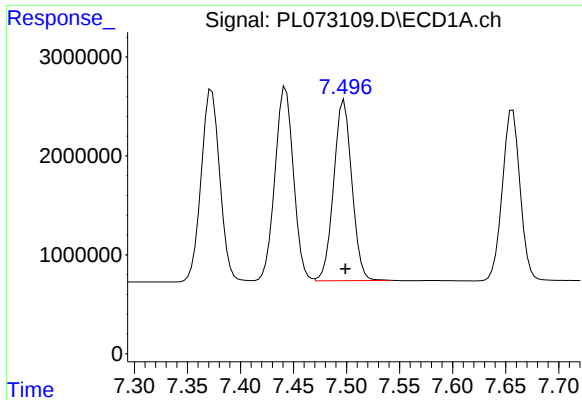
#8 Heptachlor epoxide

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 23275020
Conc: 49.96 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.002 min
Response: 100458907
Conc: 57.07 ng/ml



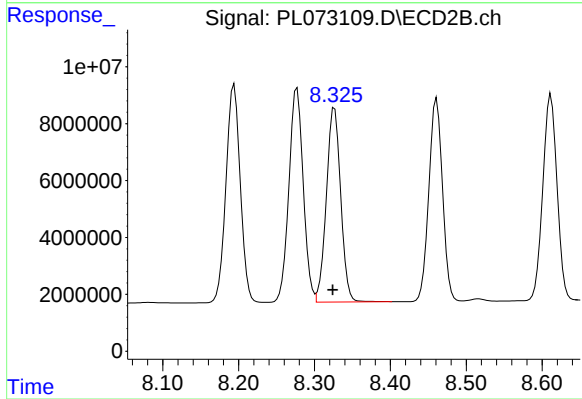
#9 Endosulfan I

R.T.: 7.498 min
Delta R.T.: -0.001 min
Response: 21818545
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

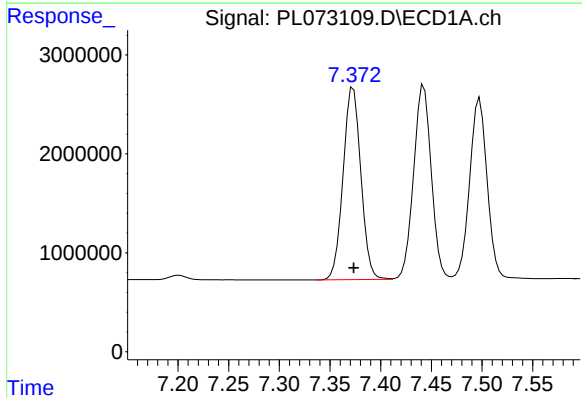
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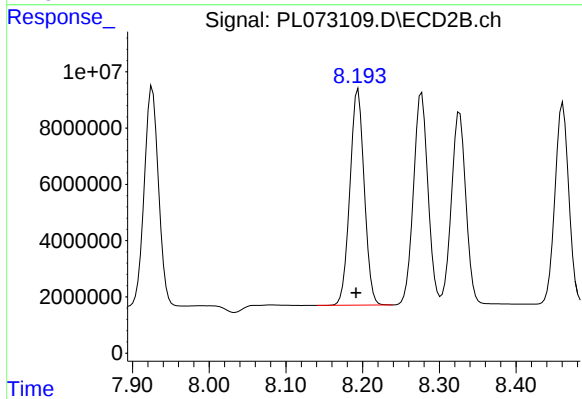
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.002 min
Response: 89814101
Conc: 55.44 ng/ml



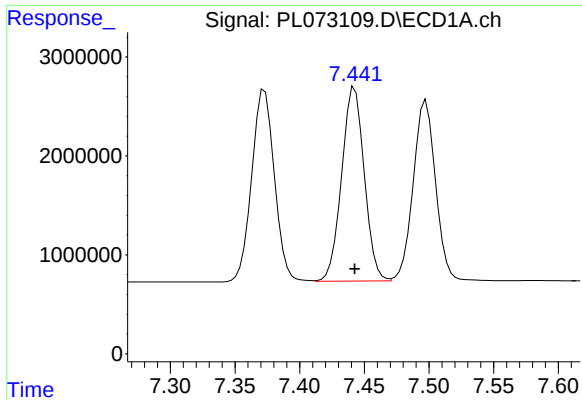
#10 gamma-Chlordane

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 23703316
Conc: 49.91 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.003 min
Response: 100407204
Conc: 56.23 ng/ml



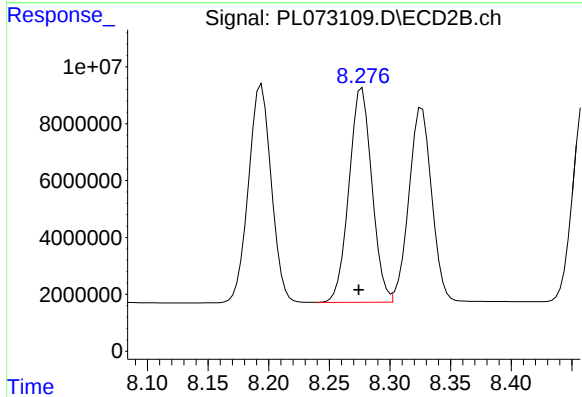
#11 alpha-Chlordane

R.T.: 7.443 min
Delta R.T.: 0.000 min
Response: 23832717
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

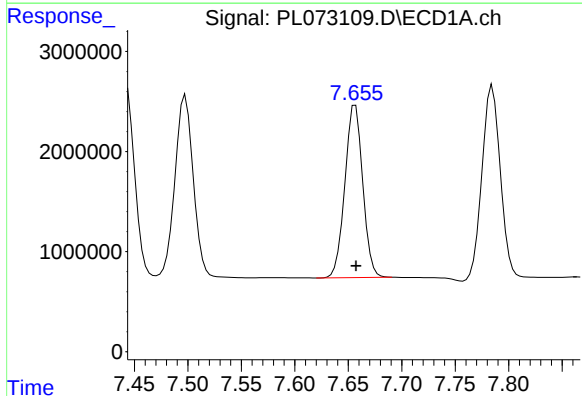
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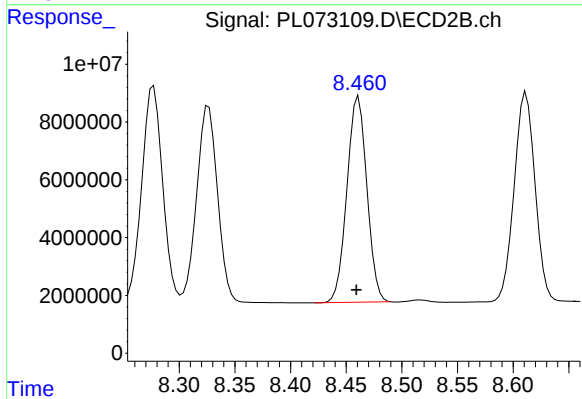
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.003 min
Response: 98946440
Conc: 56.20 ng/ml



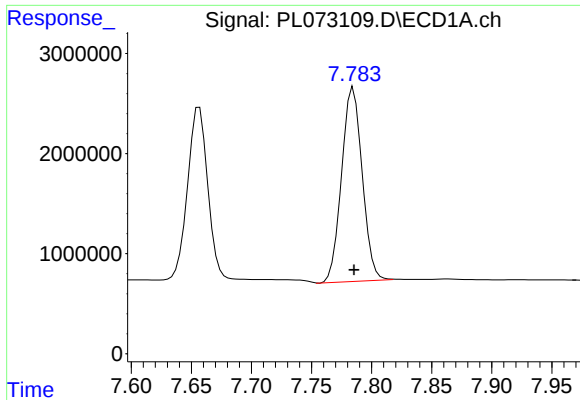
#12 4,4'-DDE

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 20057089
Conc: 51.60 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.002 min
Response: 88919773
Conc: 56.87 ng/ml



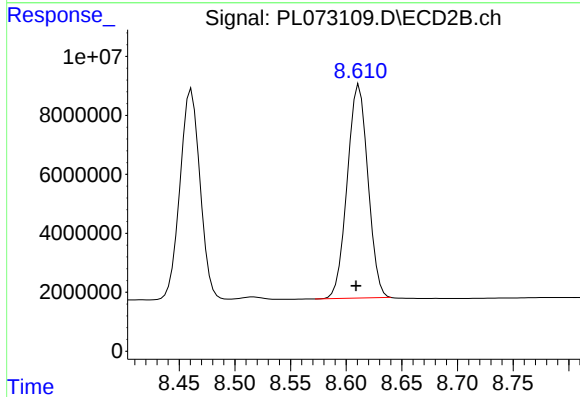
#13 Dieldrin

R.T.: 7.783 min
Delta R.T.: -0.002 min
Response: 23227803
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

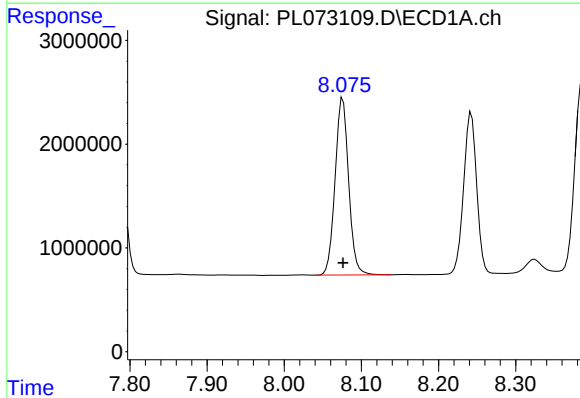
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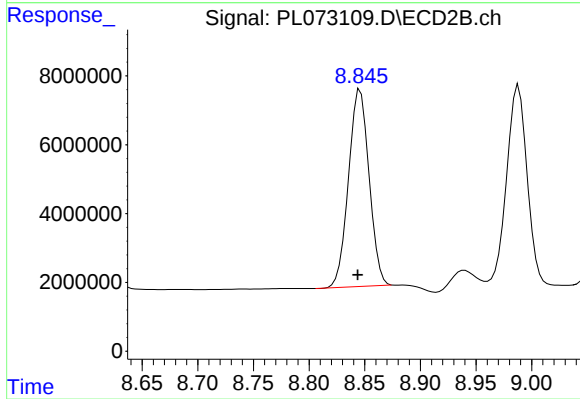
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.003 min
Response: 93817285
Conc: 58.09 ng/ml



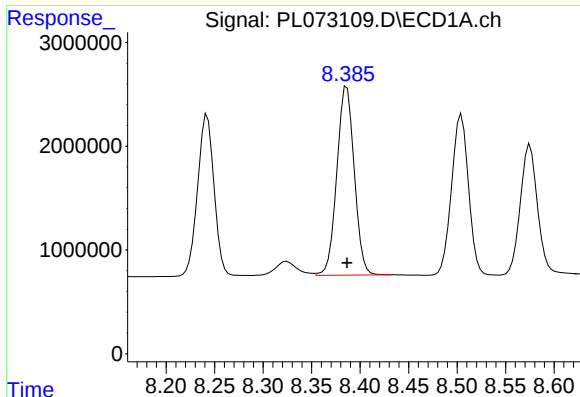
#14 Endrin

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 20905946
Conc: 52.65 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.002 min
Response: 73845378
Conc: 55.78 ng/ml



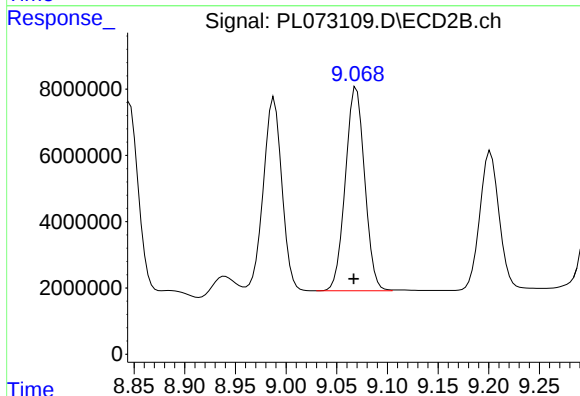
#15 Endosulfan II

R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 22702930
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

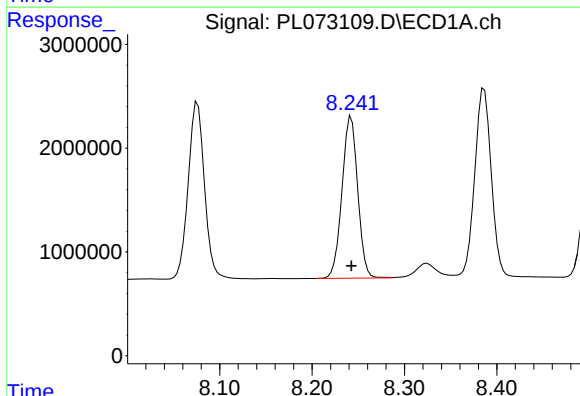
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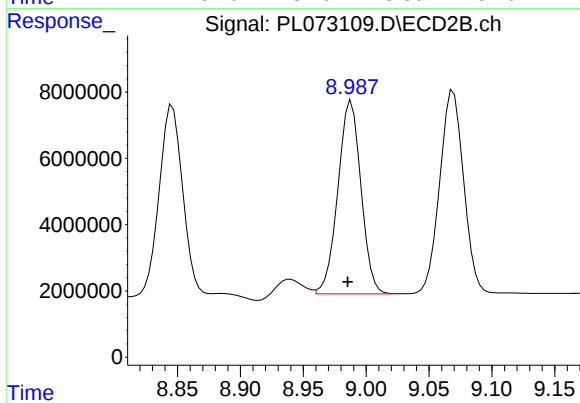
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: 0.001 min
Response: 81410669
Conc: 58.83 ng/ml m



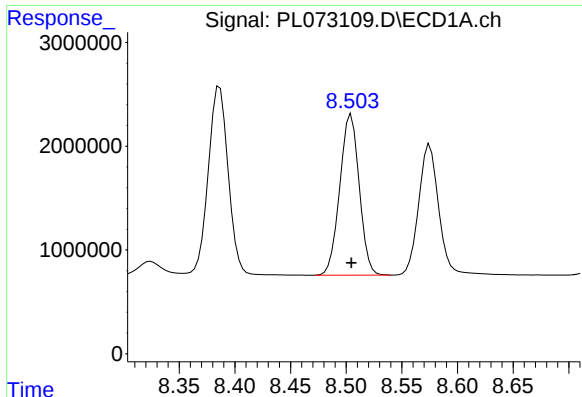
#16 4,4'-DDD

R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 18438729
Conc: 52.94 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: 0.001 min
Response: 74363978
Conc: 55.92 ng/ml m



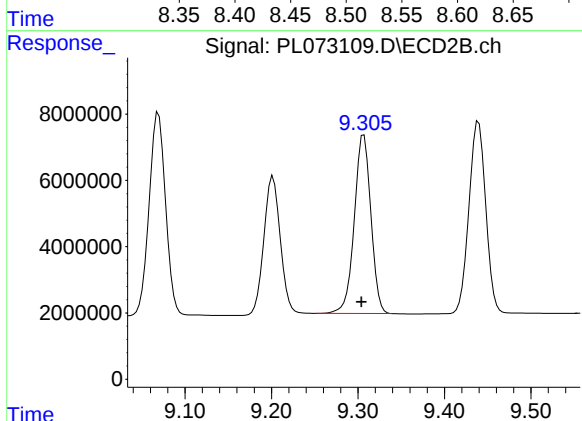
#17 4,4'-DDT

R.T.: 8.505 min
Delta R.T.: 0.000 min
Response: 18829604
Conc: 49.48 ng/ml

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ECD_L
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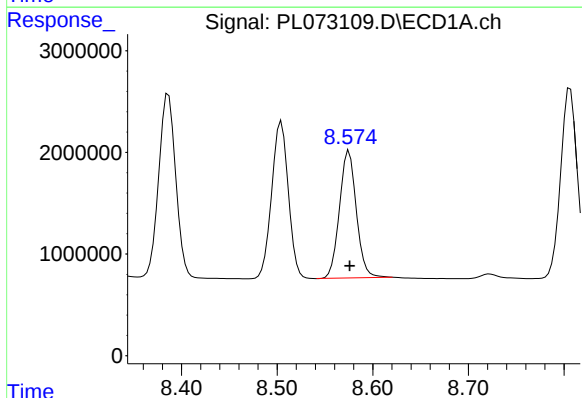
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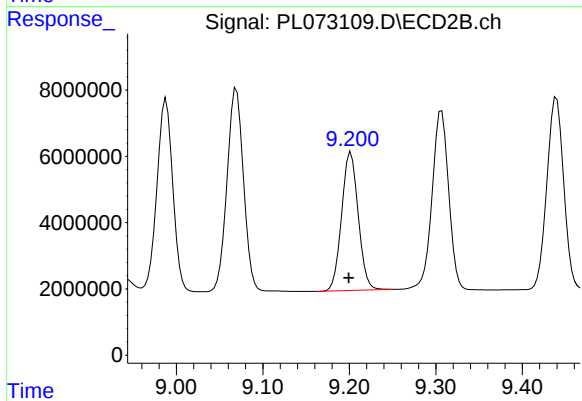
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.003 min
Response: 71836052
Conc: 52.37 ng/ml



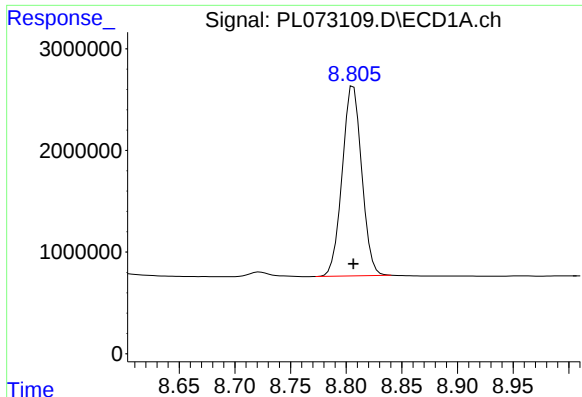
#18 Endrin aldehyde

R.T.: 8.575 min
Delta R.T.: 0.000 min
Response: 15411973
Conc: 48.01 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.002 min
Response: 55315885
Conc: 50.83 ng/ml



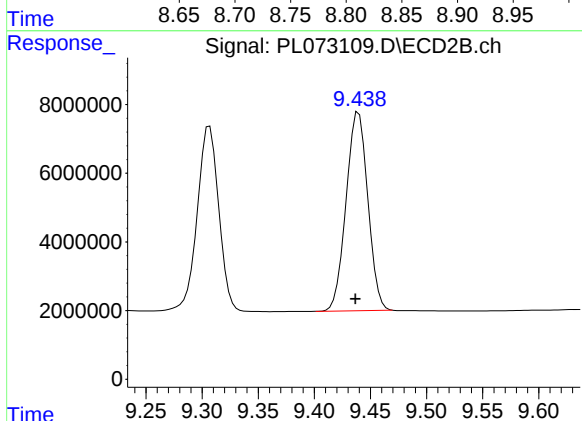
#19 Endosulfan Sulfate

R.T.: 8.807 min
Delta R.T.: 0.000 min
Response: 22814129
Conc: 51.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

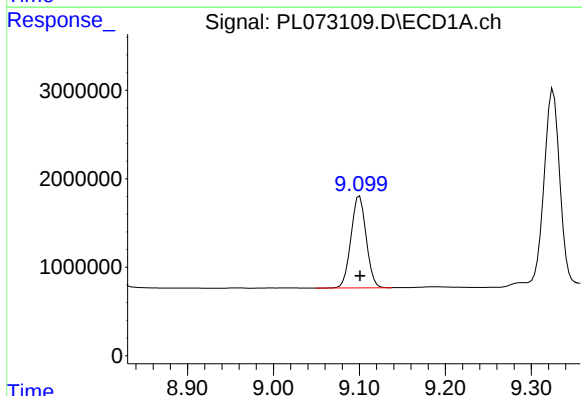
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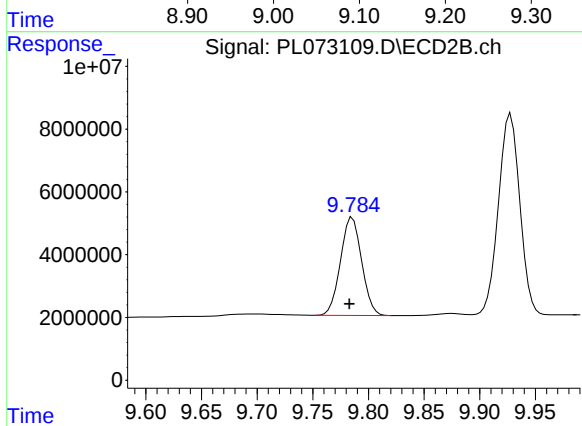
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.003 min
Response: 78009093
Conc: 55.02 ng/ml



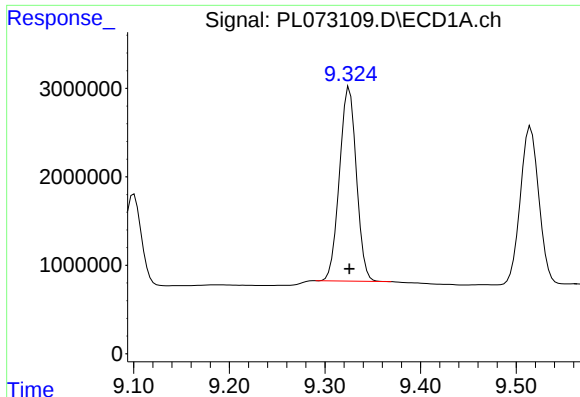
#20 Methoxychlor

R.T.: 9.100 min
Delta R.T.: 0.000 min
Response: 12785233
Conc: 51.19 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.003 min
Response: 41400851
Conc: 52.88 ng/ml



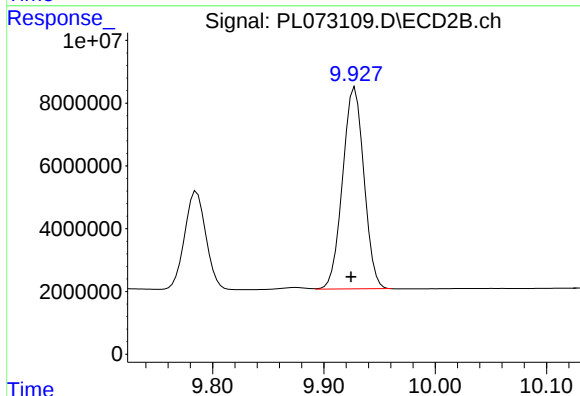
#21 Endrin ketone

R.T.: 9.326 min
Delta R.T.: 0.000 min
Response: 27023425
Conc: 54.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

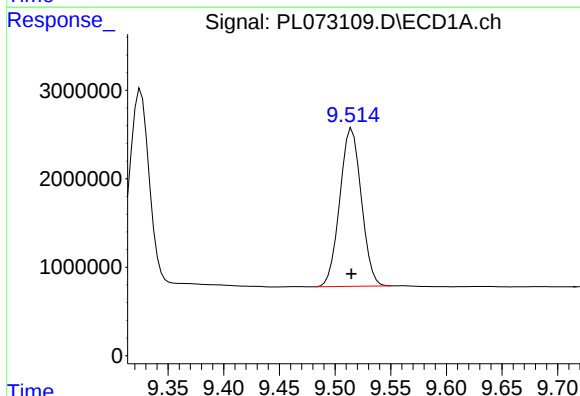
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Supervised By :Ankita Jodhani 03/03/2022



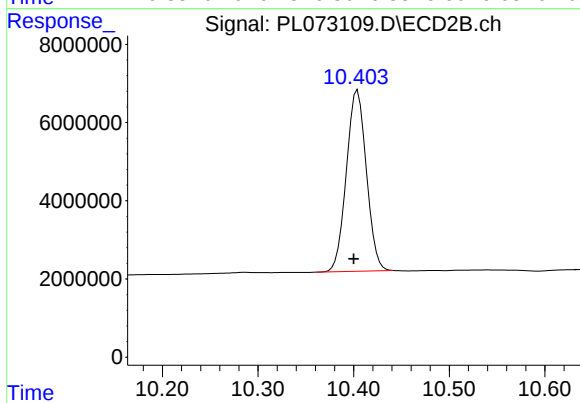
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.003 min
Response: 85605351
Conc: 58.39 ng/ml



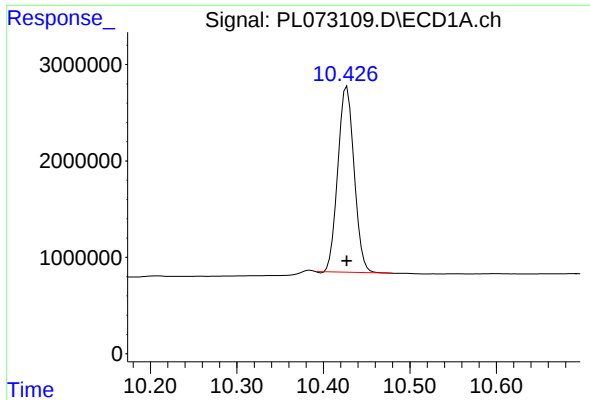
#22 Mirex

R.T.: 9.515 min
Delta R.T.: 0.000 min
Response: 24047252
Conc: 42.62 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.004 min
Response: 67558532
Conc: 46.00 ng/ml



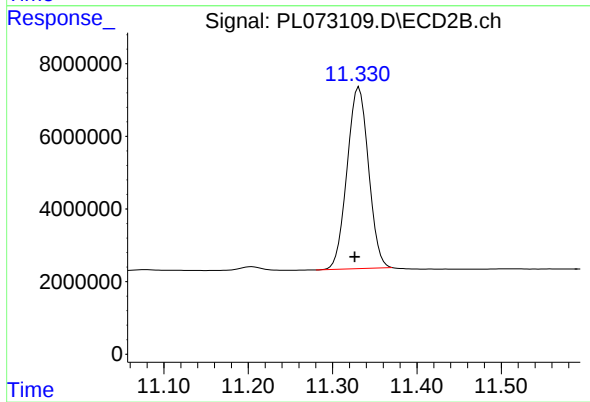
#28 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: 0.000 min
Response: 25026717
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.005 min
Response: 88266604
Conc: 55.95 ng/ml