

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030222\
 Data File : PL073101.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2022 21:24
 Operator : AR\AJ
 Sample : PB143044BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143044BS

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 00:45:36 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	6433025	30496339	20.075	21.015
28)	SA Decachlor...	10.426	11.330	10562522	35479208	22.566	22.490
Target Compounds							
2)	A alpha-BHC	5.356	6.054	20886691	106.4E6	49.565	53.955
3)	MA gamma-BHC...	5.779	6.443	20898855	100.2E6	47.262	53.600
4)	MA Heptachlor	6.192	7.101	21709610	104.7E6	47.297	52.387
5)	MB Aldrin	6.518	7.469	21751318	101.8E6	49.045	55.641
6)	B beta-BHC	6.159	6.678	10102121	45142337	45.361	50.059
7)	B delta-BHC	6.421	6.946	20921177	100.4E6	47.909	53.068
8)	B Heptachlo...	7.094	7.925	21859045	96128141	46.918	54.611
9)	A Endosulfan I	7.498	8.326	20576709	85361570	46.391	52.695
10)	B gamma-Chl...	7.372	8.193	22292013	95603737	46.942	53.538
11)	B alpha-Chl...	7.443	8.276	22439940	94387810	46.886	53.613
12)	B 4,4'-DDE	7.657	8.460	18704199	84336572	48.121	53.940
13)	MA Dieldrin	7.784	8.611	21889343	89286918	48.848m	55.283
14)	MA Endrin	8.075	8.845	21198419	73122290	53.387	55.238
15)	B Endosulfa...	8.386	9.069	21368247	81044321	49.266	58.563
16)	A 4,4'-DDD	8.242	8.987	17575649	70483838	50.464	53.001m
17)	MA 4,4'-DDT	8.503	9.306	17320957	66305202	45.516	48.339
18)	B Endrin al...	8.574	9.201	17084153	61510599	53.216	56.526
19)	B Endosulfa...	8.806	9.439	21631862	74189679	49.210	52.327
20)	A Methoxychlor	9.100	9.785	12001630	37361529	48.051	47.722
21)	B Endrin ke...	9.323	9.927	24685265	78615526	49.792m	53.618
22)	Mirex	9.515	10.404	25245235	72572016	44.743	49.417

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

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 ALS Vial : 26 Sample Multiplier: 1

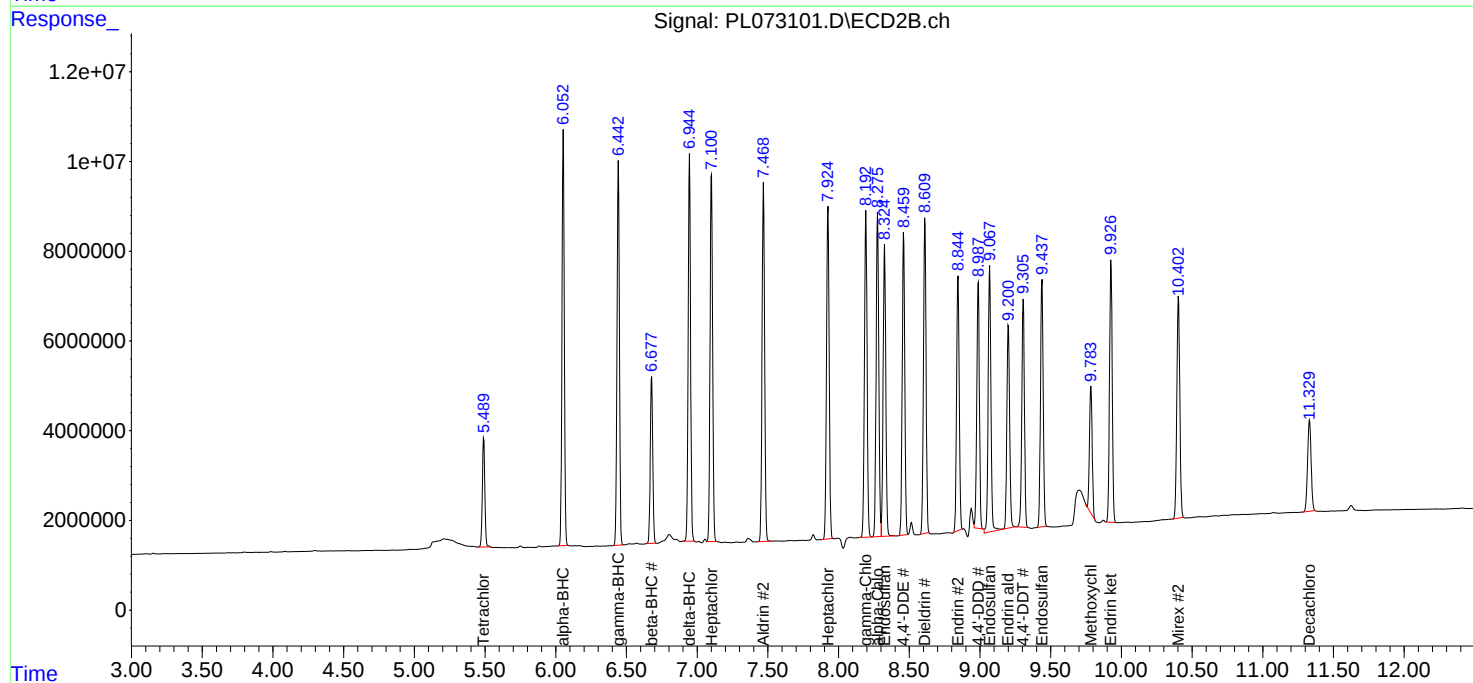
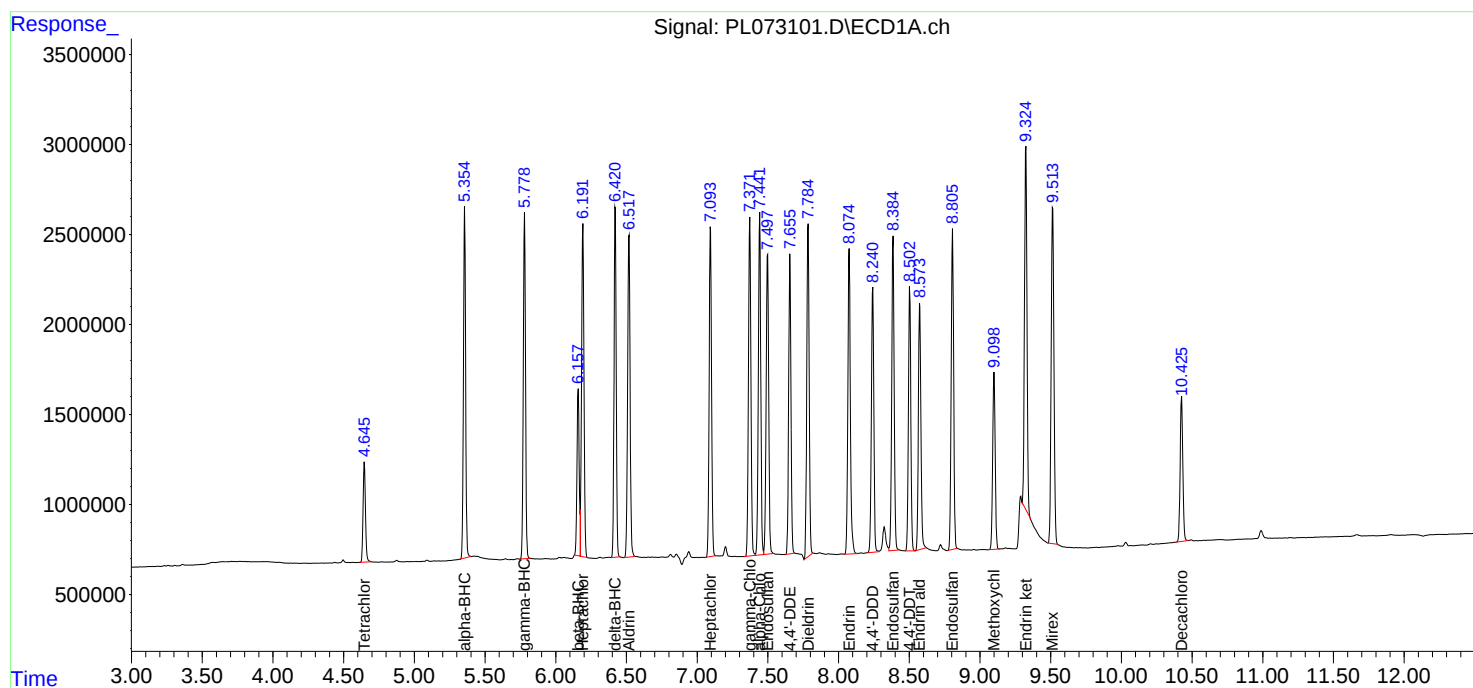
Instrument :
 ECD_L
 ClientSampleId :
 PB143044BS

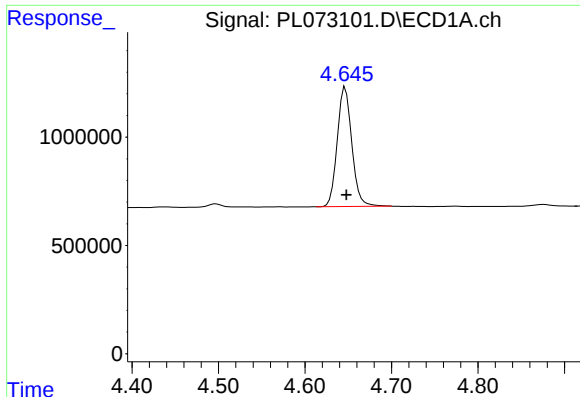
Manual Integrations APPROVED

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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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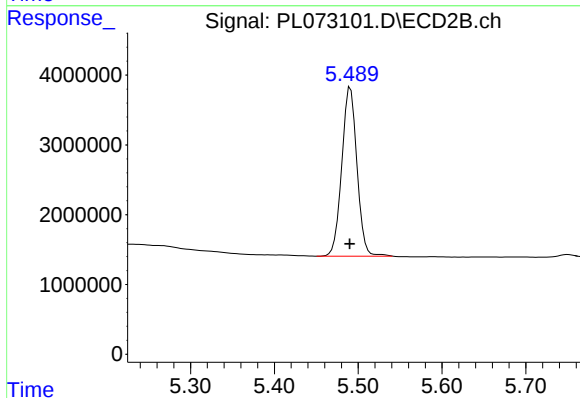
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: -0.001 min
Response: 6433025
Conc: 20.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143044BS

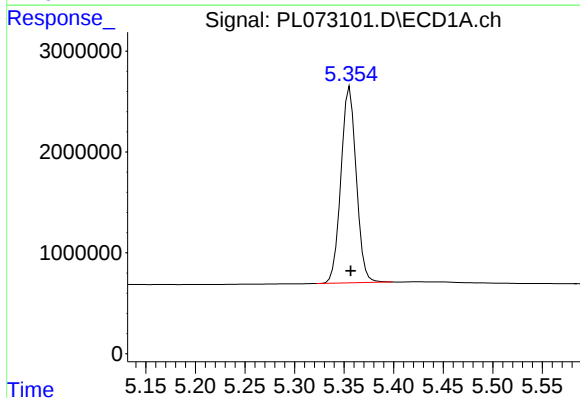
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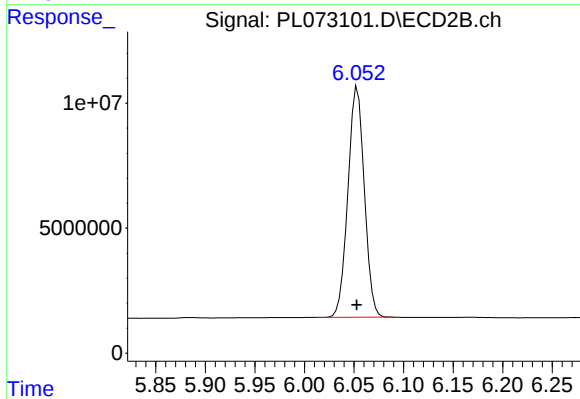
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 30496339
Conc: 21.01 ng/ml



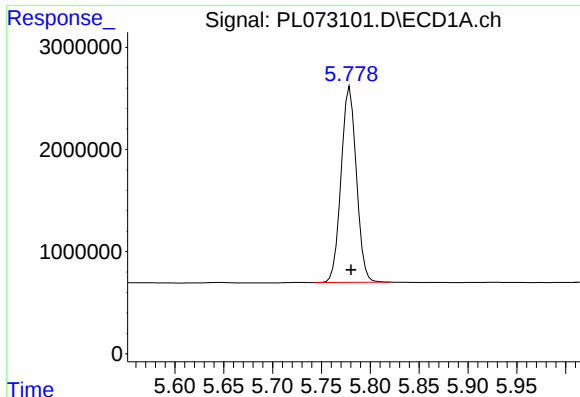
#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: -0.001 min
Response: 20886691
Conc: 49.56 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 106415522
Conc: 53.95 ng/ml



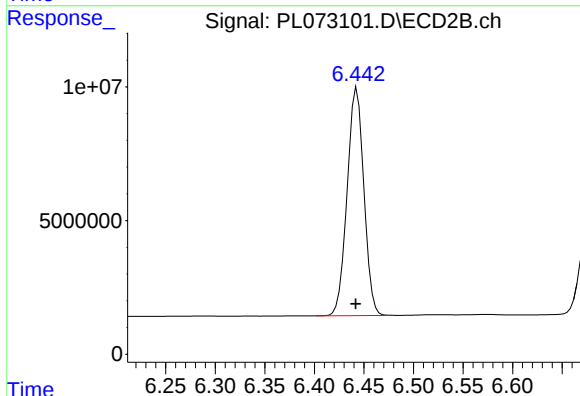
#3 gamma-BHC (Lindane)

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 20898855
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143044BS

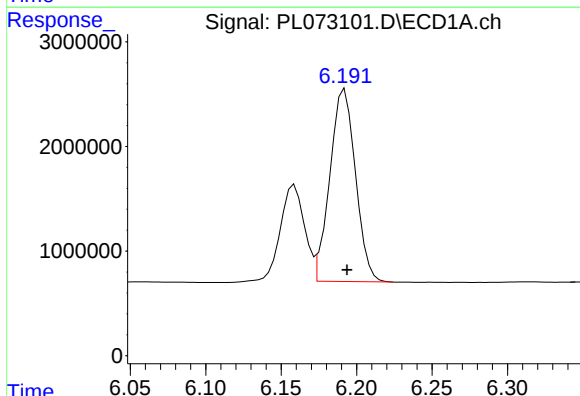
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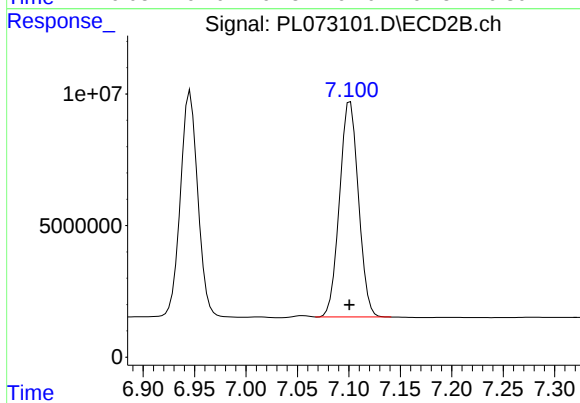
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.001 min
Response: 100215399
Conc: 53.60 ng/ml



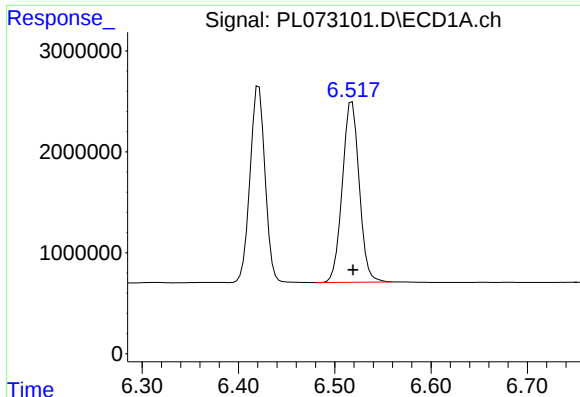
#4 Heptachlor

R.T.: 6.192 min
Delta R.T.: -0.001 min
Response: 21709610
Conc: 47.30 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 104720732
Conc: 52.39 ng/ml



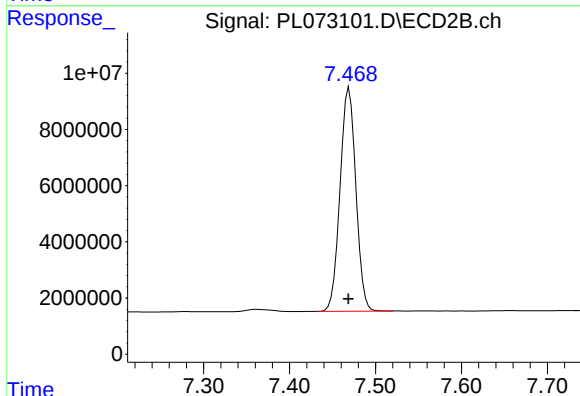
#5 Aldrin

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 21751318
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143044BS

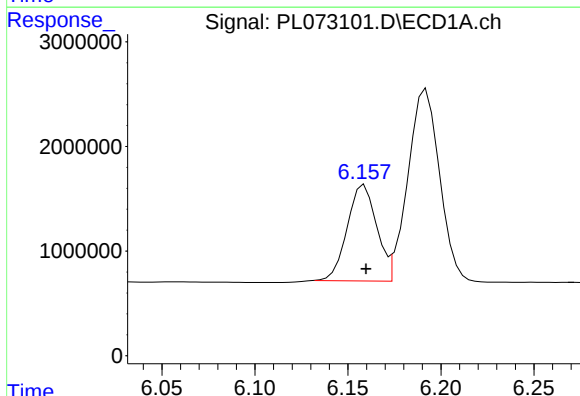
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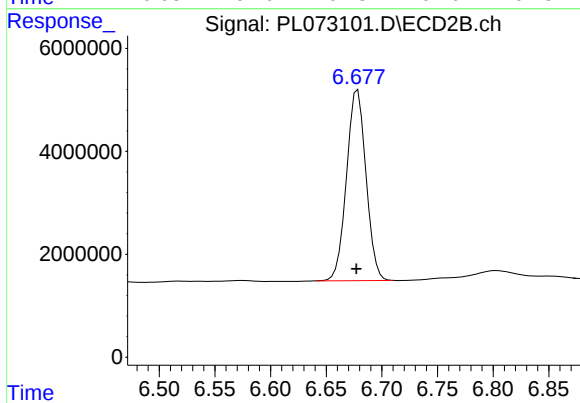
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 101828932
Conc: 55.64 ng/ml



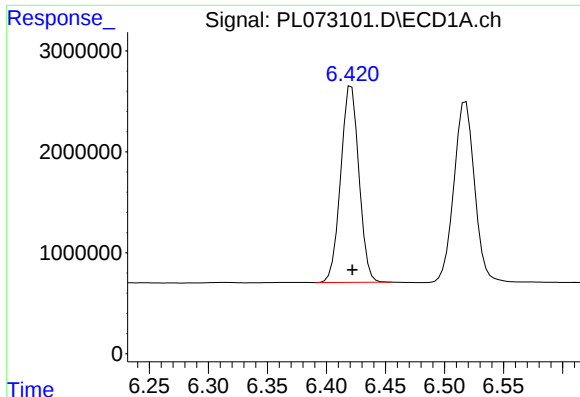
#6 beta-BHC

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 10102121
Conc: 45.36 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.001 min
Response: 45142337
Conc: 50.06 ng/ml



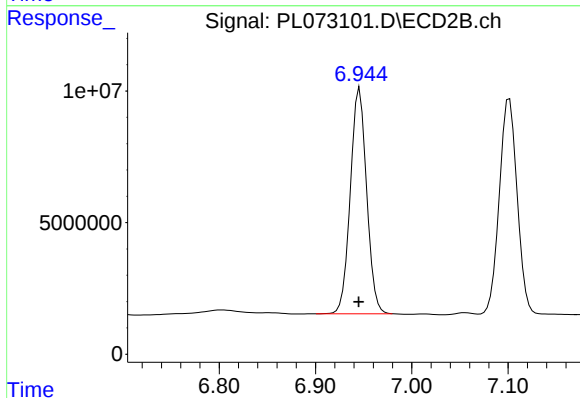
#7 delta-BHC

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 20921177
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143044BS

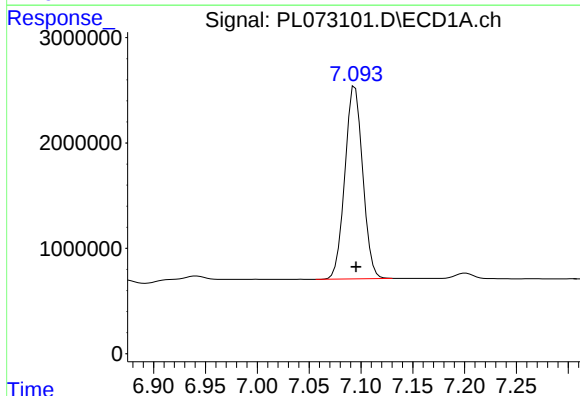
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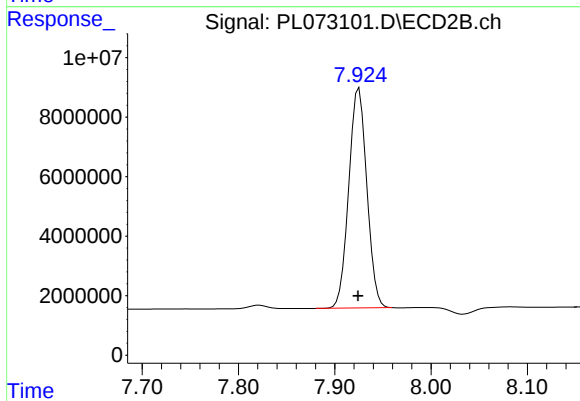
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 100433022
Conc: 53.07 ng/ml



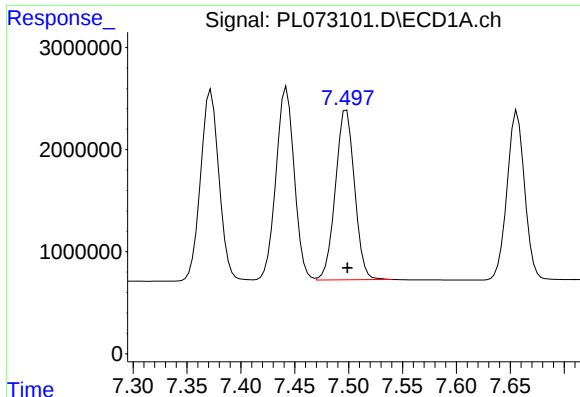
#8 Heptachlor epoxide

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 21859045
Conc: 46.92 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: 0.001 min
Response: 96128141
Conc: 54.61 ng/ml



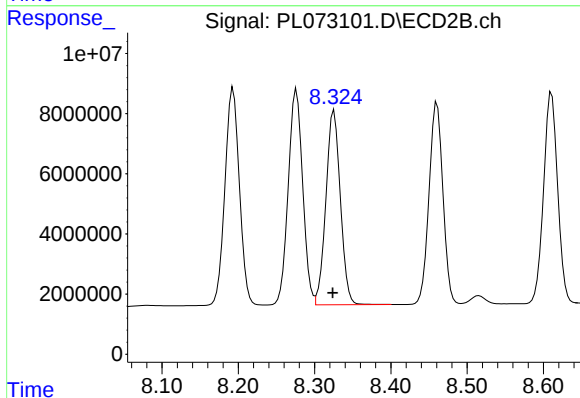
#9 Endosulfan I

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 20576709
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143044BS

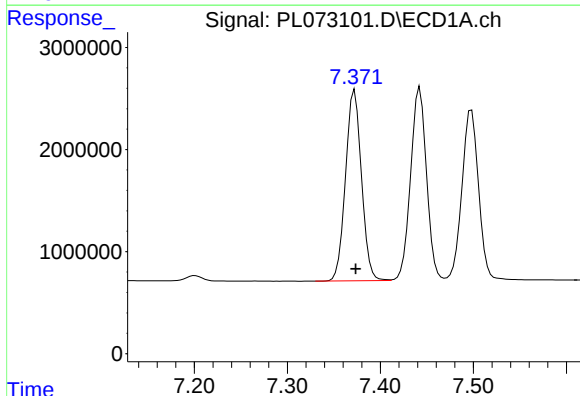
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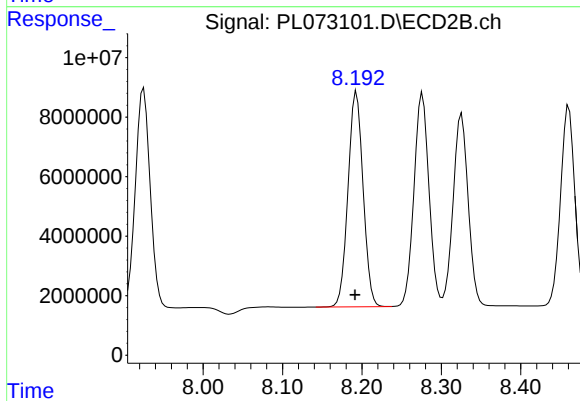
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.002 min
Response: 85361570
Conc: 52.70 ng/ml



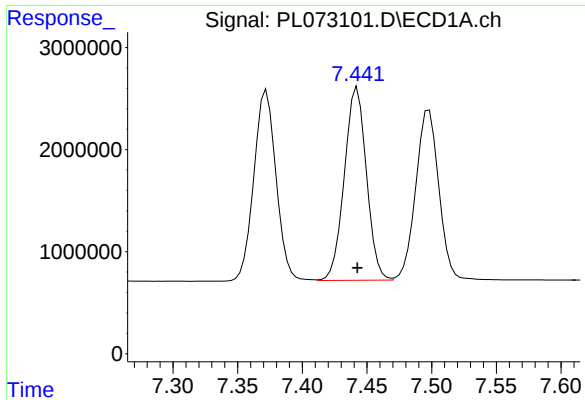
#10 gamma-Chlordane

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 22292013
Conc: 46.94 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.002 min
Response: 95603737
Conc: 53.54 ng/ml



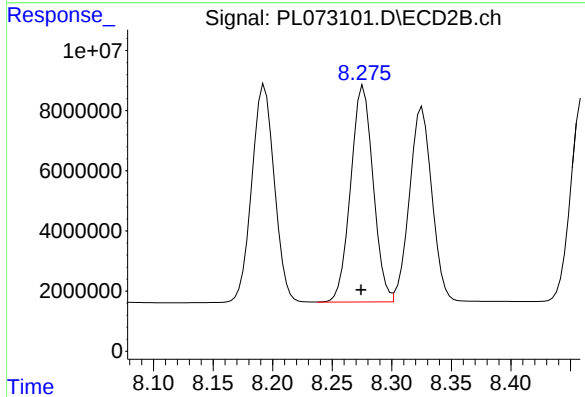
#11 alpha-Chlordane

R.T.: 7.443 min
Delta R.T.: 0.000 min
Response: 22439940
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143044BS

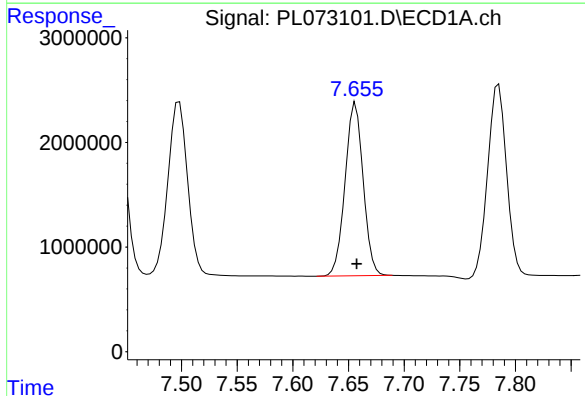
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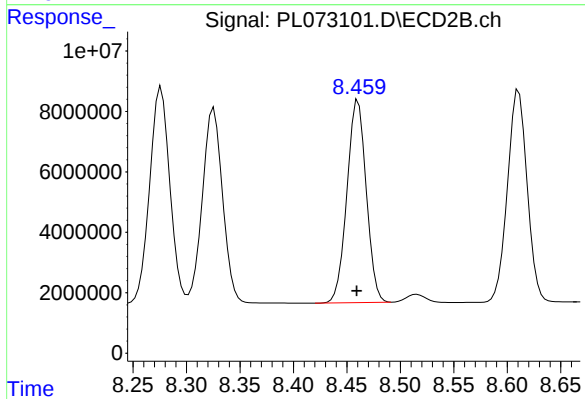
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.002 min
Response: 94387810
Conc: 53.61 ng/ml



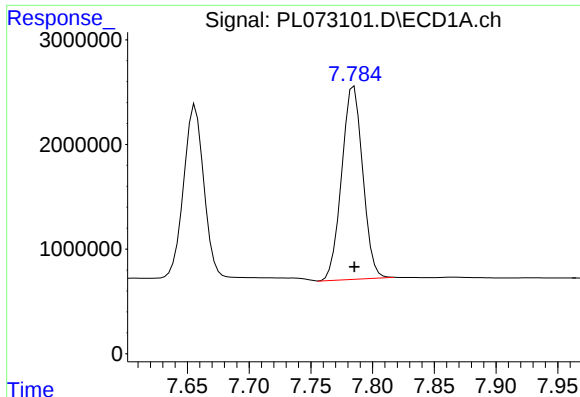
#12 4,4'-DDE

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 18704199
Conc: 48.12 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: 0.001 min
Response: 84336572
Conc: 53.94 ng/ml



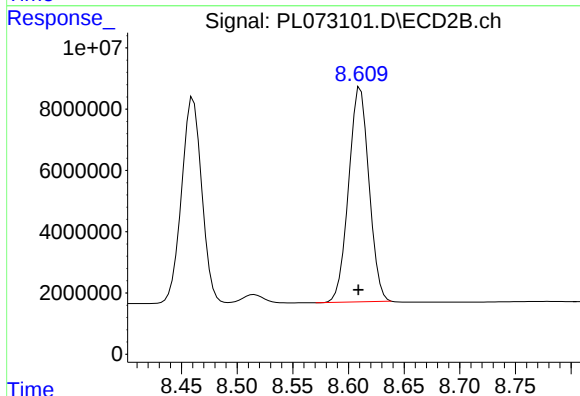
#13 Dieldrin

R.T.: 7.784 min
Delta R.T.: -0.002 min
Response: 21889343
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143044BS

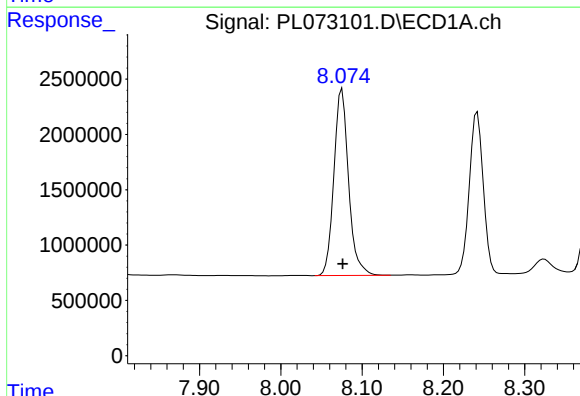
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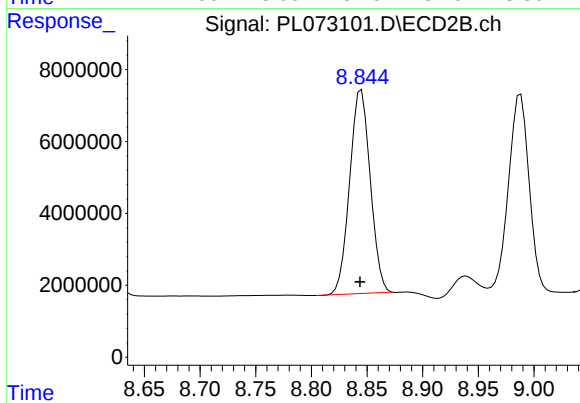
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.002 min
Response: 89286918
Conc: 55.28 ng/ml



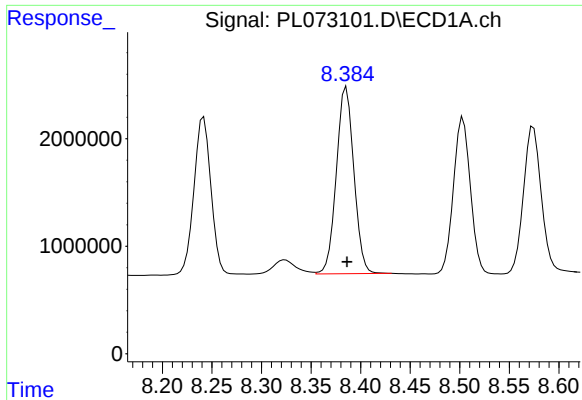
#14 Endrin

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 21198419
Conc: 53.39 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.001 min
Response: 73122290
Conc: 55.24 ng/ml



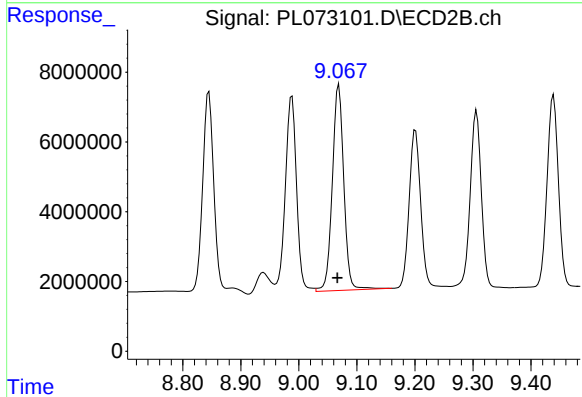
#15 Endosulfan II

R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 21368247
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143044BS

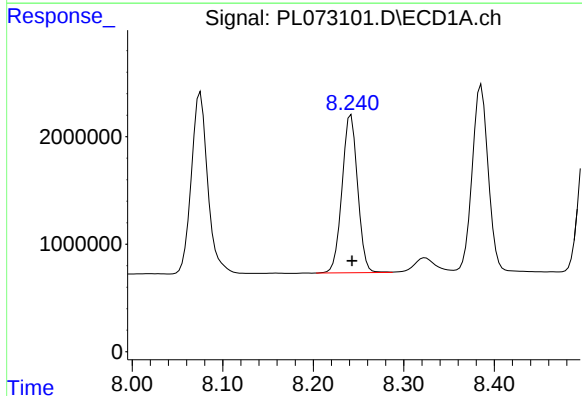
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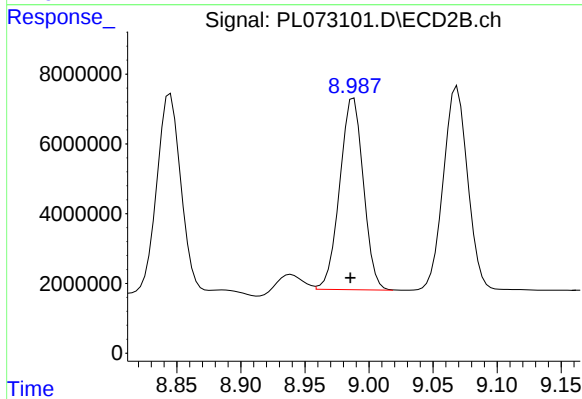
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.002 min
Response: 81044321
Conc: 58.56 ng/ml



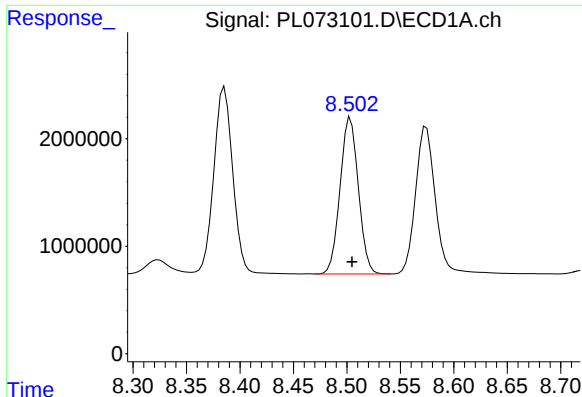
#16 4,4'-DDD

R.T.: 8.242 min
Delta R.T.: -0.001 min
Response: 17575649
Conc: 50.46 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: 0.001 min
Response: 70483838
Conc: 53.00 ng/ml m



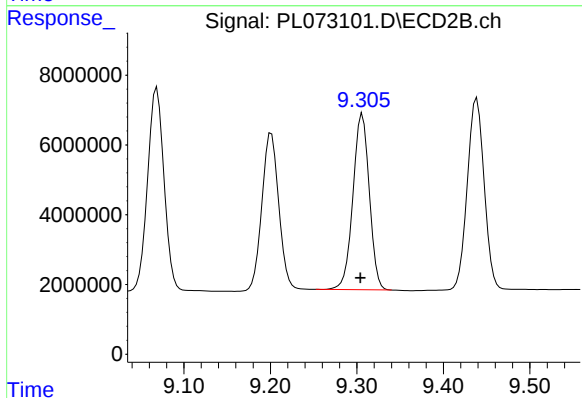
#17 4,4'-DDT

R.T.: 8.503 min
Delta R.T.: -0.001 min
Response: 17320957
Conc: 45.52 ng/ml

Instrument :
ECD_L
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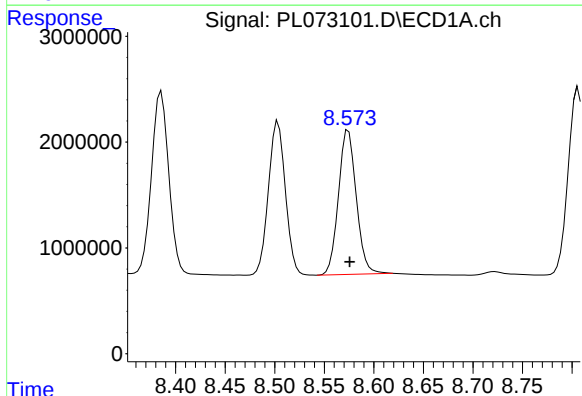
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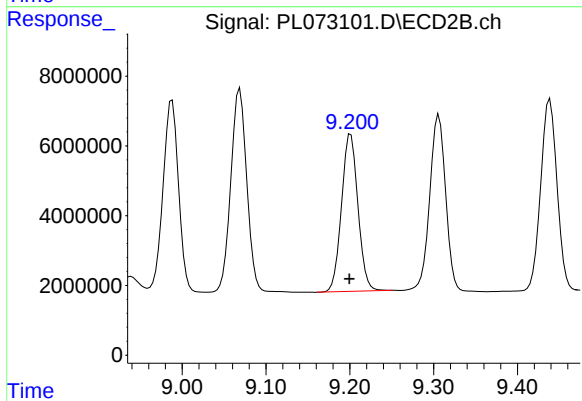
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.002 min
Response: 66305202
Conc: 48.34 ng/ml



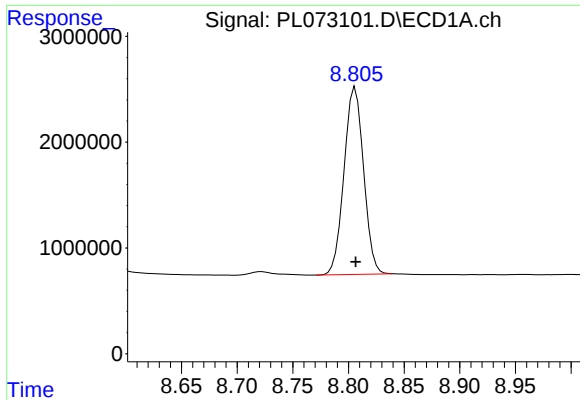
#18 Endrin aldehyde

R.T.: 8.574 min
Delta R.T.: -0.002 min
Response: 17084153
Conc: 53.22 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.002 min
Response: 61510599
Conc: 56.53 ng/ml



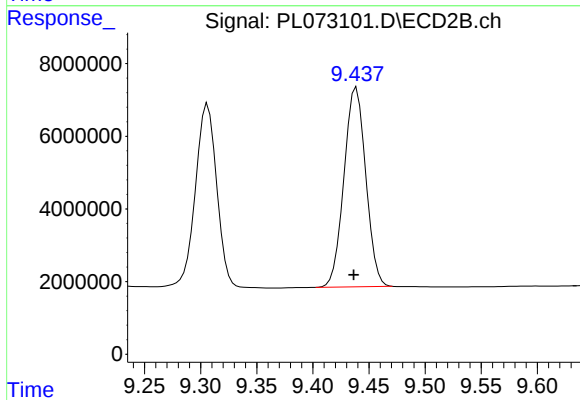
#19 Endosulfan Sulfate

R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 21631862
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143044BS

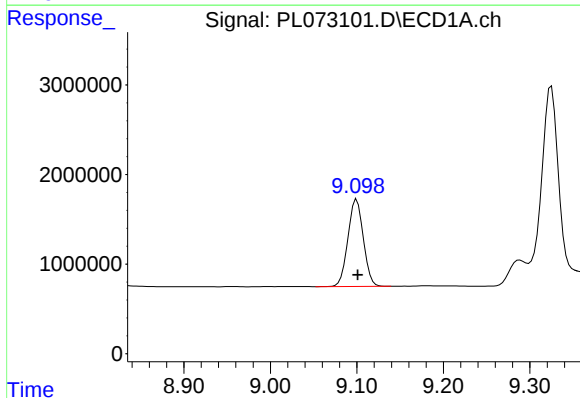
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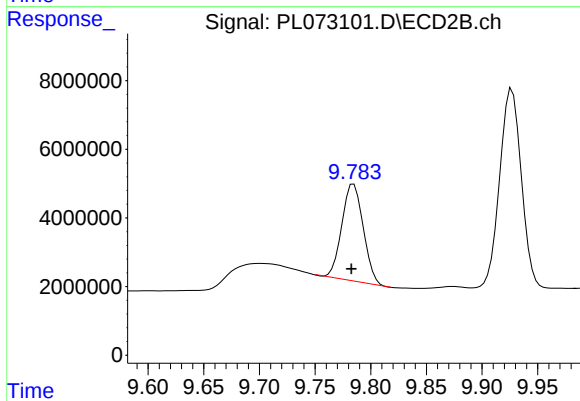
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.002 min
Response: 74189679
Conc: 52.33 ng/ml



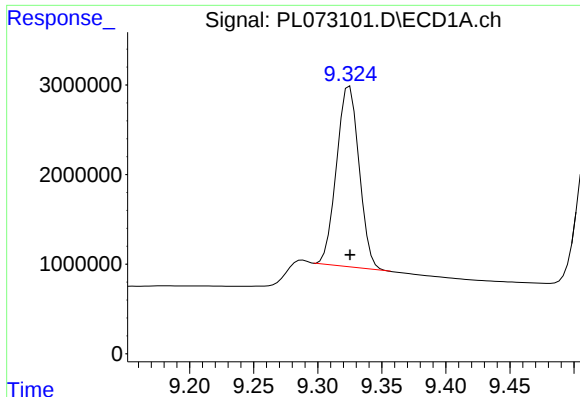
#20 Methoxychlor

R.T.: 9.100 min
Delta R.T.: -0.001 min
Response: 12001630
Conc: 48.05 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: 0.002 min
Response: 37361529
Conc: 47.72 ng/ml



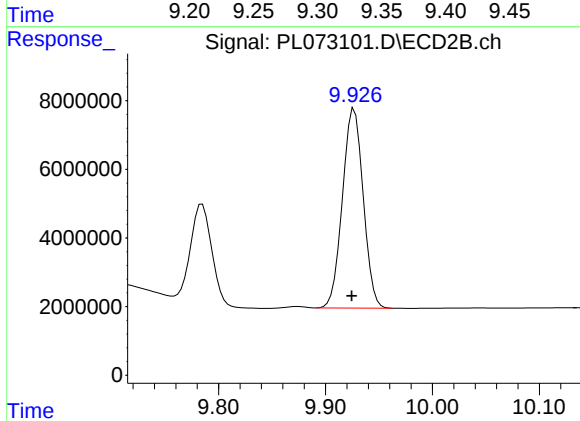
#21 Endrin ketone

R.T.: 9.323 min
Delta R.T.: -0.002 min
Response: 24685265
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143044BS

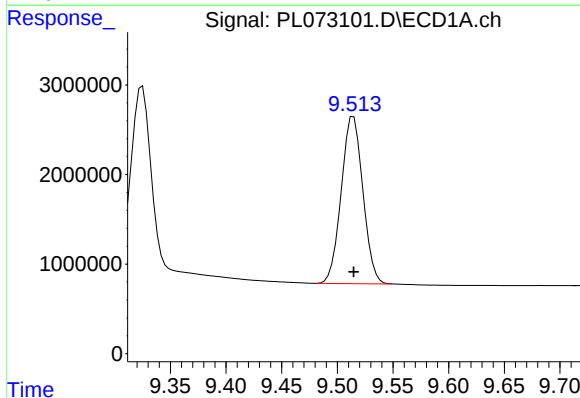
Manual Integrations
APPROVED

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



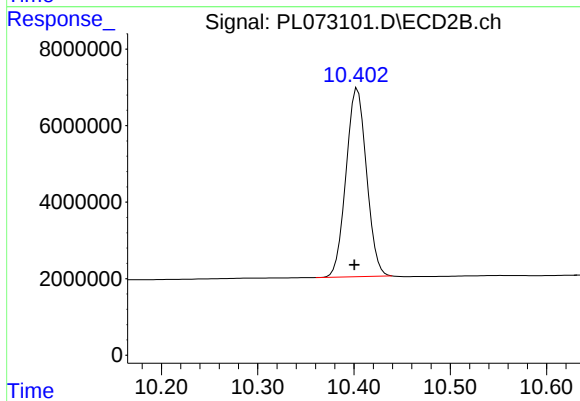
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: 0.002 min
Response: 78615526
Conc: 53.62 ng/ml



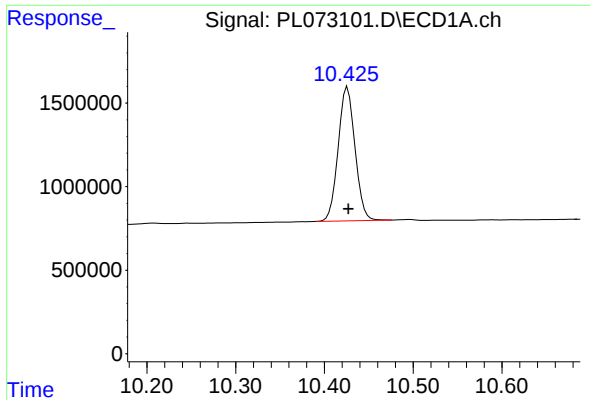
#22 Mirex

R.T.: 9.515 min
Delta R.T.: 0.000 min
Response: 25245235
Conc: 44.74 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.003 min
Response: 72572016
Conc: 49.42 ng/ml



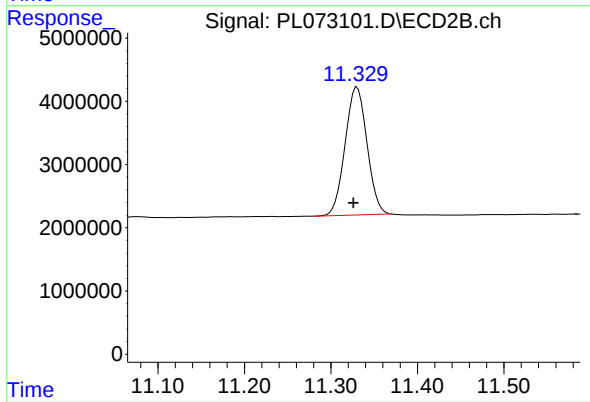
#28 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: 0.000 min
Response: 10562522
Conc: 22.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143044BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: 0.004 min
Response: 35479208
Conc: 22.49 ng/ml