

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074057.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2022 14:28
 Operator : AR\AJ
 Sample : N2335-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 A350-CUMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/15/2022
 Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 02:12:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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	5.488	7471463	43914007	23.124	24.630
28)	SA Decachlor...	10.418	11.335	11333250	39646067	21.793	22.446
Target Compounds							
2)	A alpha-BHC	5.355	6.051	29632480	190.4E6	70.610	75.598
3)	MA gamma-BHC...	5.778	6.441	28935227	176.2E6	68.992	74.417
4)	MA Heptachlor	6.189	7.101	30187912	180.6E6	67.016	69.226
5)	MB Aldrin	6.513	7.469	28855674	175.8E6	69.523	74.849
6)	B beta-BHC	6.158	6.678	13339772	72789352	65.286	64.586
7)	B delta-BHC	6.419	6.946	29636438	173.2E6	71.642	70.914
8)	B Heptachlo...	7.090	7.926	28812958	166.8E6	67.173	74.085
9)	A Endosulfan I	7.492	8.325	26954160	137.2E6	65.722	69.711m
10)	B gamma-Chl...	7.367	8.193	29129937	153.0E6	66.417	68.578m
11)	B alpha-Chl...	7.437	8.276	29401932	150.9E6	66.554	70.117m
12)	B 4,4'-DDE	7.651	8.462	25585355	143.4E6	70.132	72.018
13)	MA Dieldrin	7.780	8.612	29731246	146.8E6	69.211	73.218
14)	MA Endrin	8.070	8.845	31360445	124.6E6	77.198	73.581m
15)	B Endosulfa...	8.381	9.069	27893489	122.9E6	67.676	70.766m
16)	A 4,4'-DDD	8.236	8.988	21952486	108.5E6	67.980	70.537m
17)	MA 4,4'-DDT	8.498	9.308	25663557	114.8E6	69.429	64.781
18)	B Endrin al...	8.570	9.203	23091641	97389057	71.369	75.401
19)	B Endosulfa...	8.800	9.441	28714765	115.1E6	67.244	69.182
20)	A Methoxychlor	9.092	9.786	16517719	106.5E6	66.532	110.762m#
21)	B Endrin ke...	9.317	9.930	33091808	120.4E6	67.734m	69.581
22)	Mirex	9.506	10.407	28166205	89991811	60.390	65.334

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
Data File : PL074057.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2022 14:28
Operator : AR\AJ
Sample : N2335-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

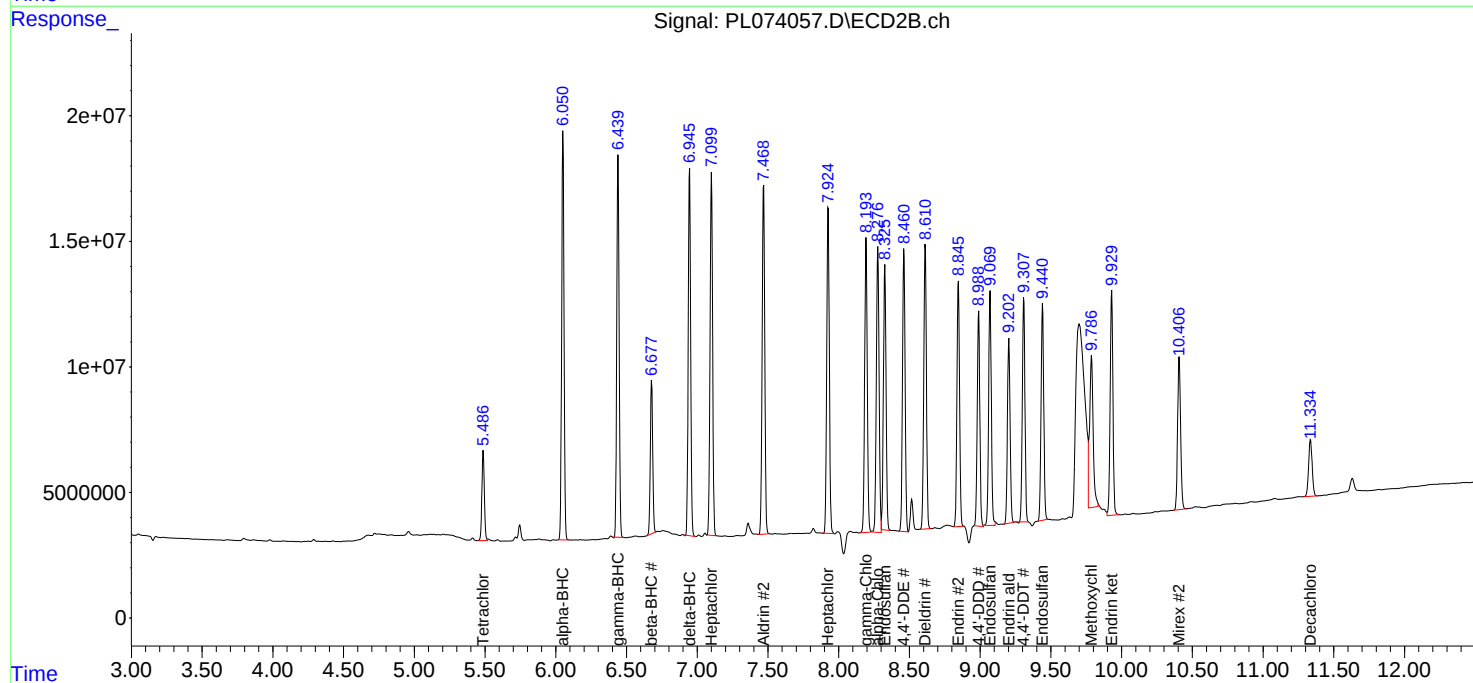
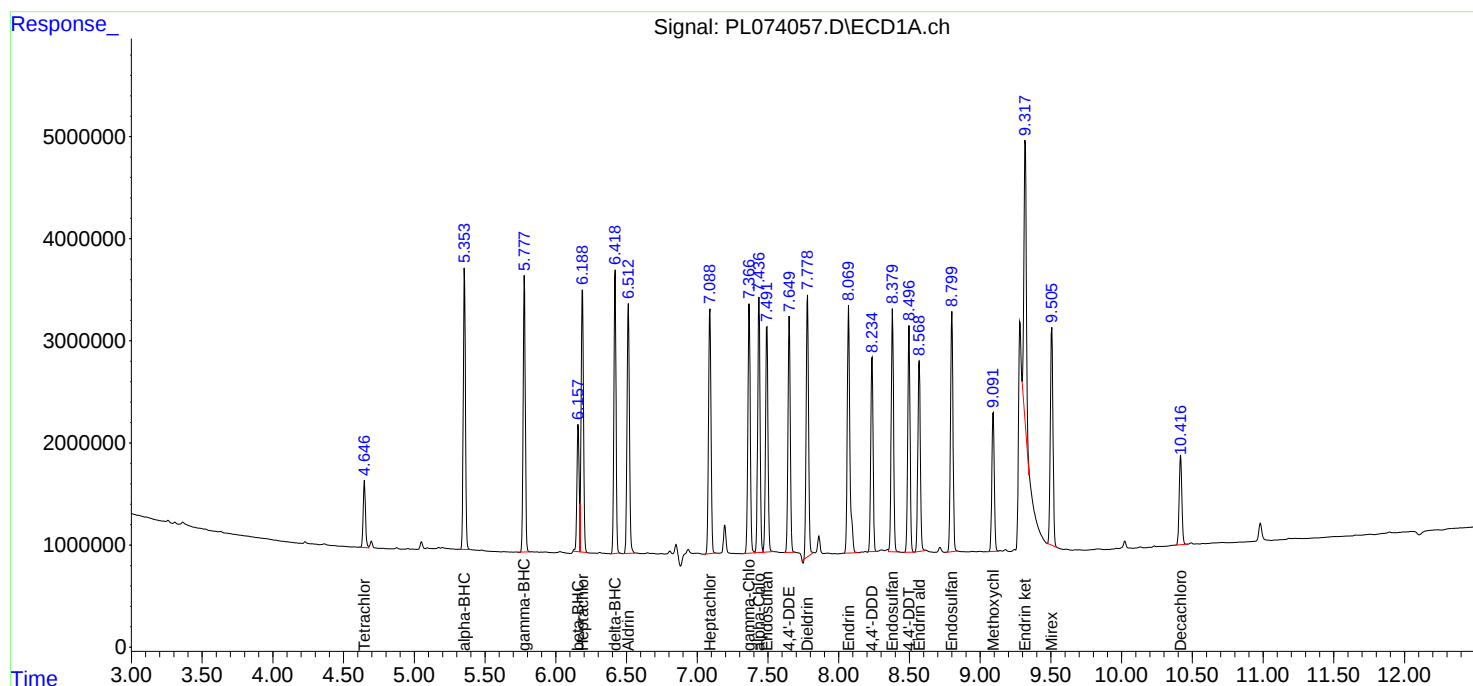
Instrument :
ECD_L
ClientSampleId :
A350-CUMS

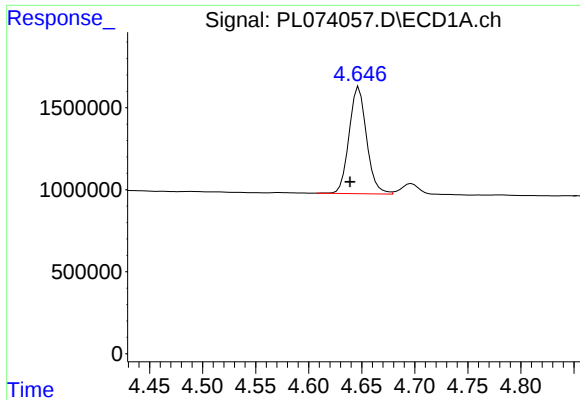
Manual Integrations
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Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 02:12:04 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
Quant Title : GC Extractables
QLast Update : Thu Apr 14 09:29:23 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





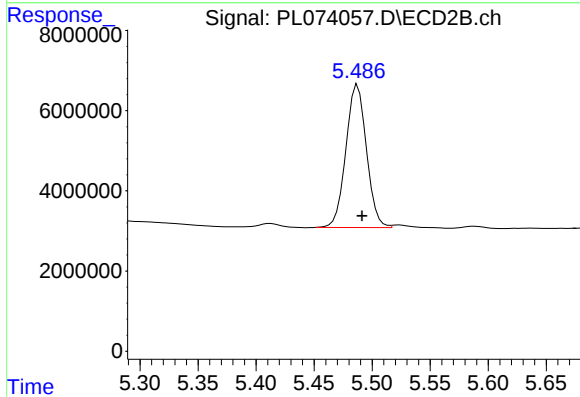
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.008 min
Response: 7471463
Conc: 23.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

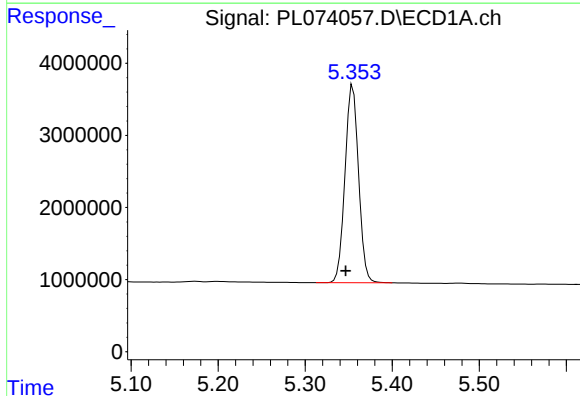
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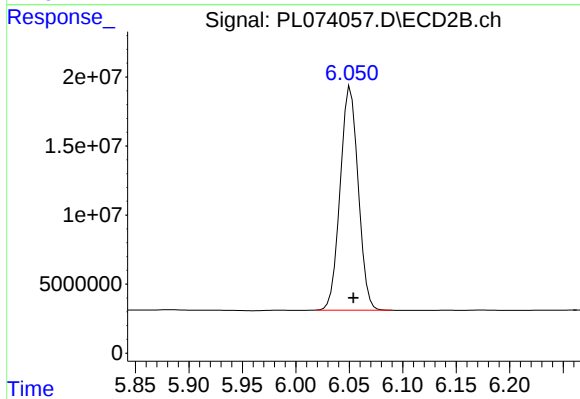
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.004 min
Response: 43914007
Conc: 24.63 ng/ml



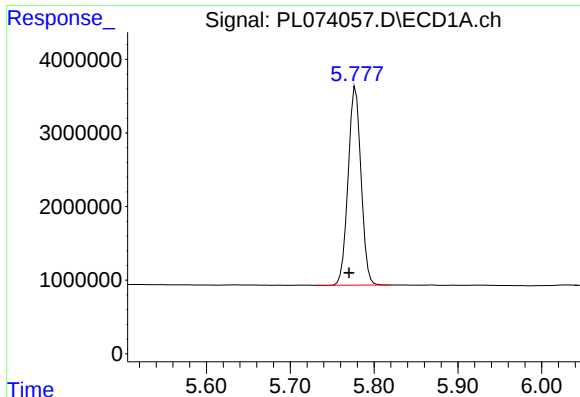
#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: 0.008 min
Response: 29632480
Conc: 70.61 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 190363254
Conc: 75.60 ng/ml



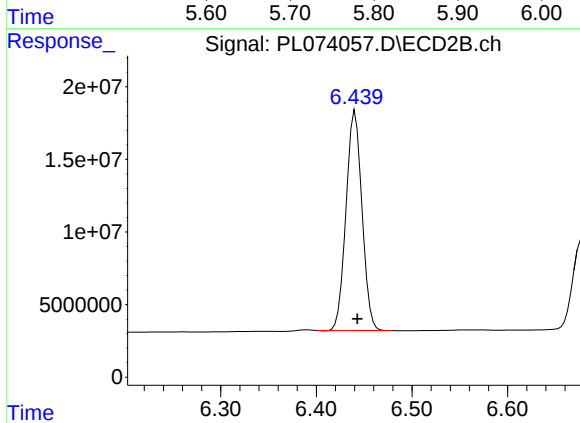
#3 gamma-BHC (Lindane)

R.T.: 5.778 min
Delta R.T.: 0.008 min
Response: 28935227
Conc: 68.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

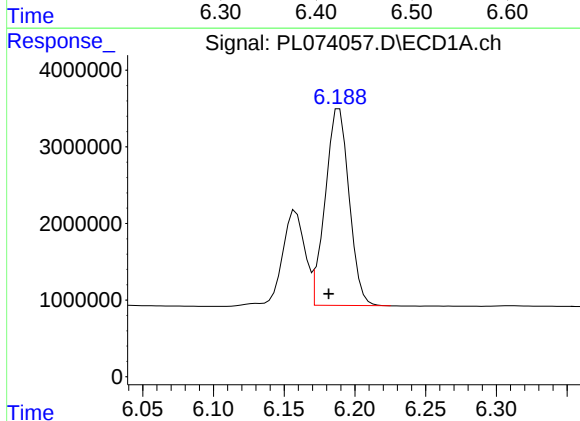
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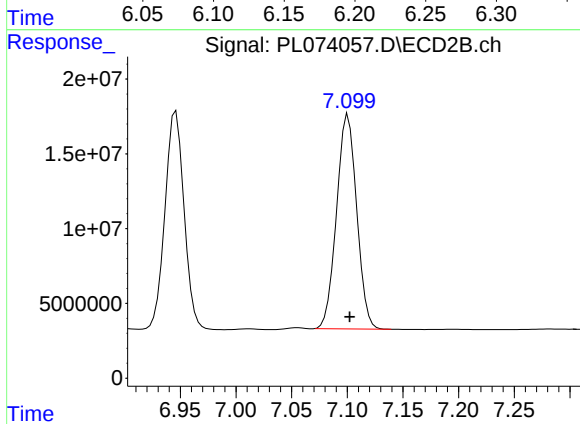
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.003 min
Response: 176152871
Conc: 74.42 ng/ml



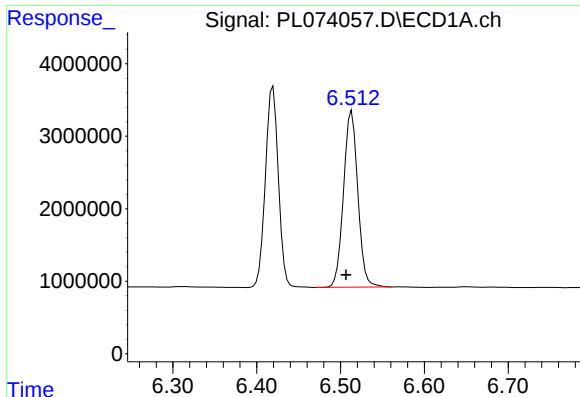
#4 Heptachlor

R.T.: 6.189 min
Delta R.T.: 0.008 min
Response: 30187912
Conc: 67.02 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 180571401
Conc: 69.23 ng/ml



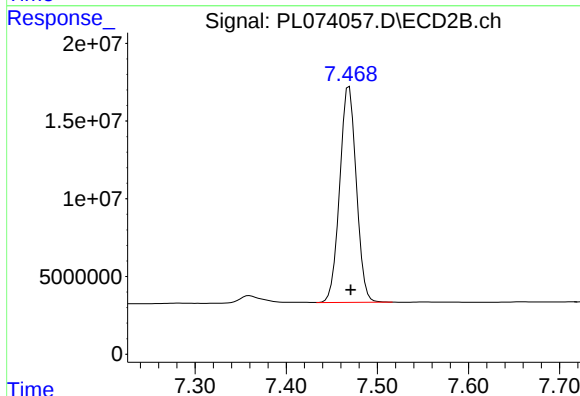
#5 Aldrin

R.T.: 6.513 min
Delta R.T.: 0.007 min
Response: 28855674
Conc: 69.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

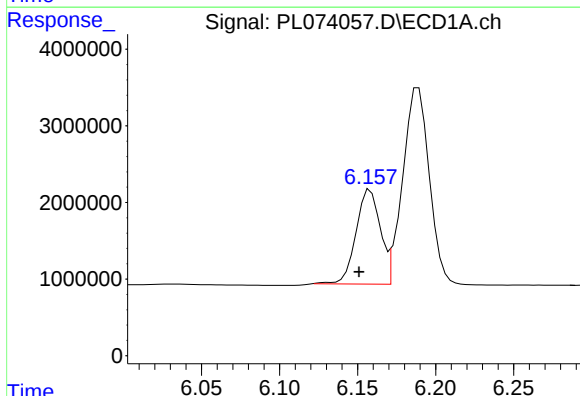
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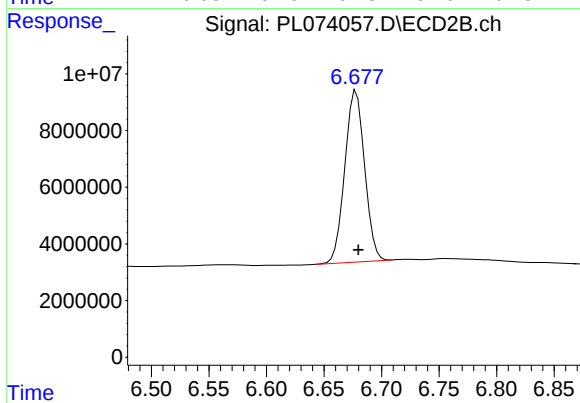
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 175791395
Conc: 74.85 ng/ml



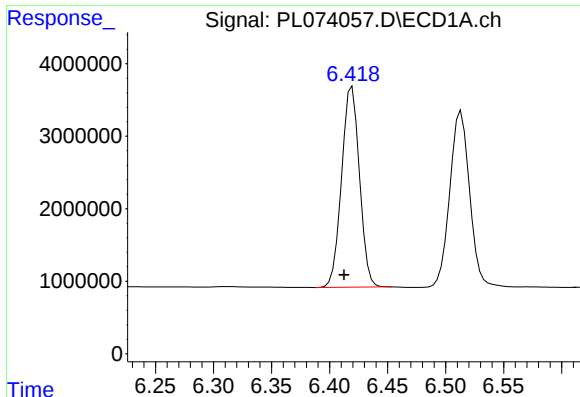
#6 beta-BHC

R.T.: 6.158 min
Delta R.T.: 0.007 min
Response: 13339772
Conc: 65.29 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 72789352
Conc: 64.59 ng/ml



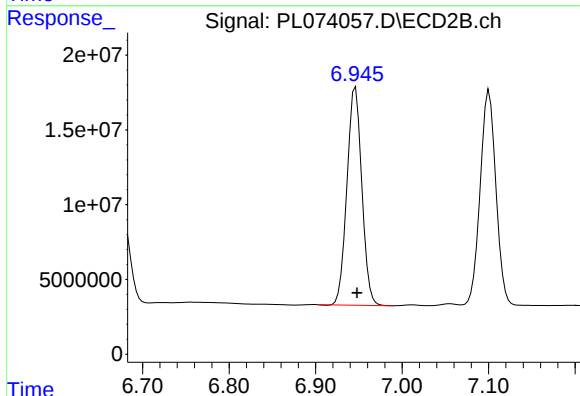
#7 delta-BHC

R.T.: 6.419 min
Delta R.T.: 0.007 min
Response: 29636438
Conc: 71.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

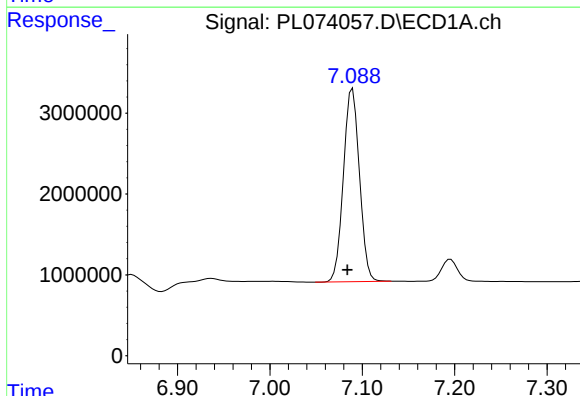
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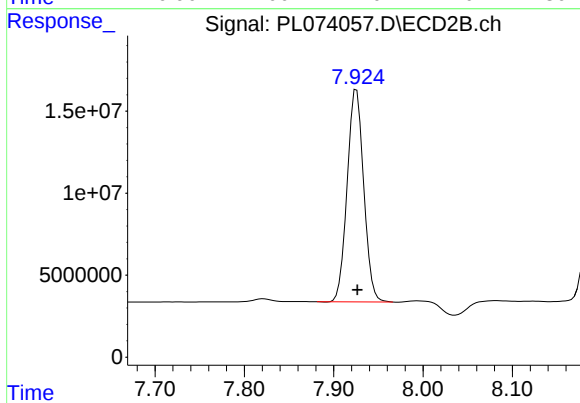
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 173190777
Conc: 70.91 ng/ml



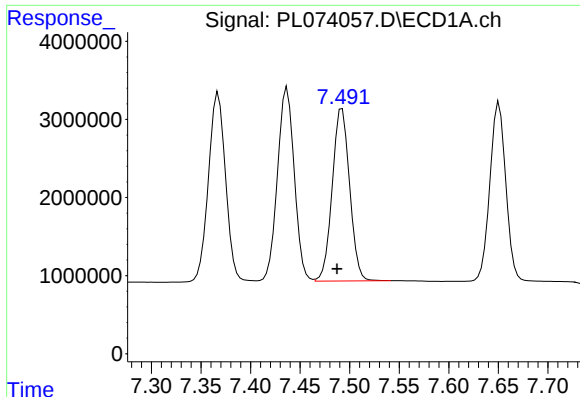
#8 Heptachlor epoxide

R.T.: 7.090 min
Delta R.T.: 0.006 min
Response: 28812958
Conc: 67.17 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: -0.001 min
Response: 166808135
Conc: 74.09 ng/ml



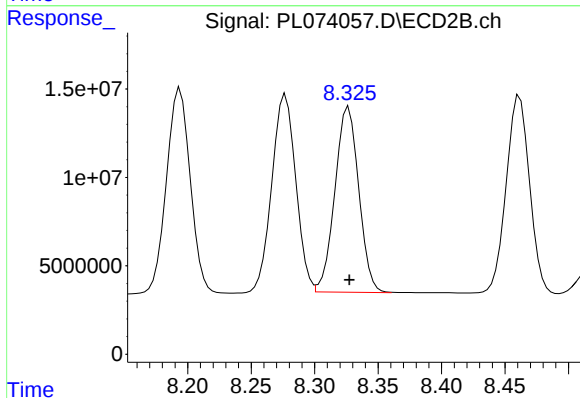
#9 Endosulfan I

R.T.: 7.492 min
Delta R.T.: 0.005 min
Response: 26954160
Conc: 65.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

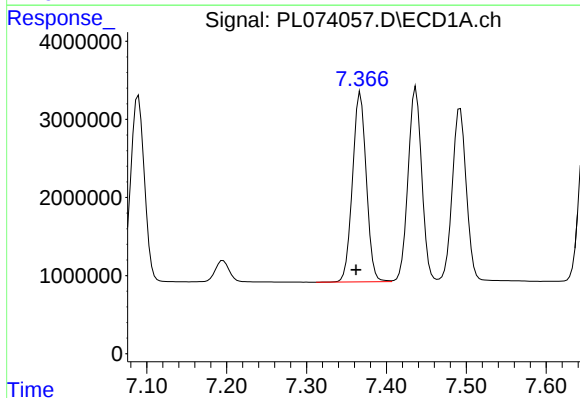
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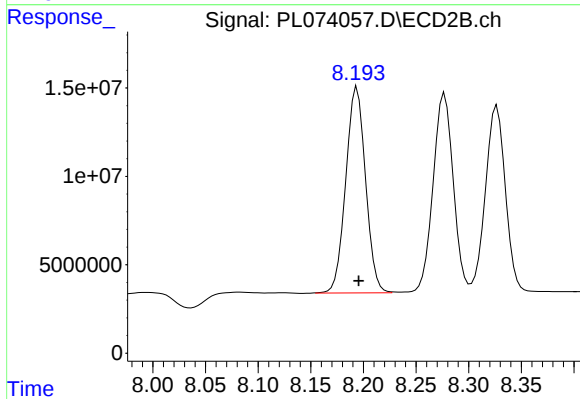
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 137236997
Conc: 69.71 ng/ml m



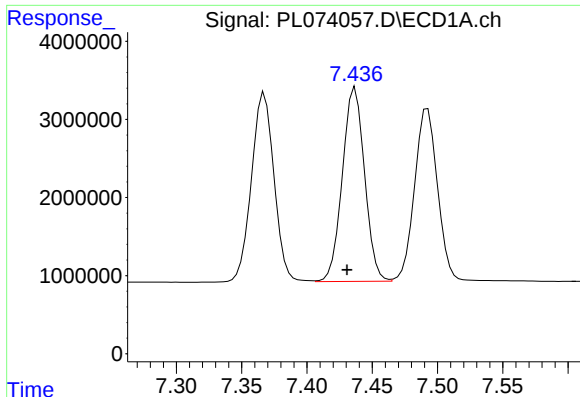
#10 gamma-Chlordane

R.T.: 7.367 min
Delta R.T.: 0.005 min
Response: 29129937
Conc: 66.42 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 152952144
Conc: 68.58 ng/ml m



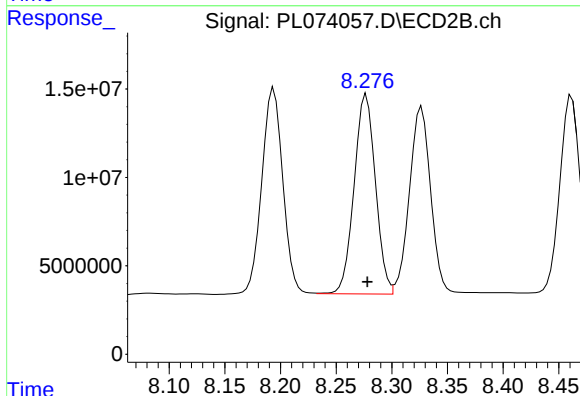
#11 alpha-Chlordane

R.T.: 7.437 min
Delta R.T.: 0.006 min
Response: 29401932
Conc: 66.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

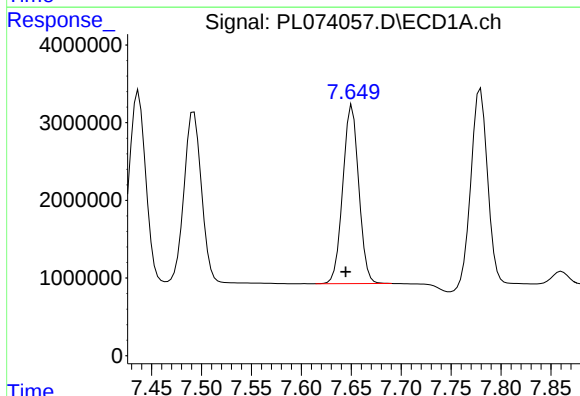
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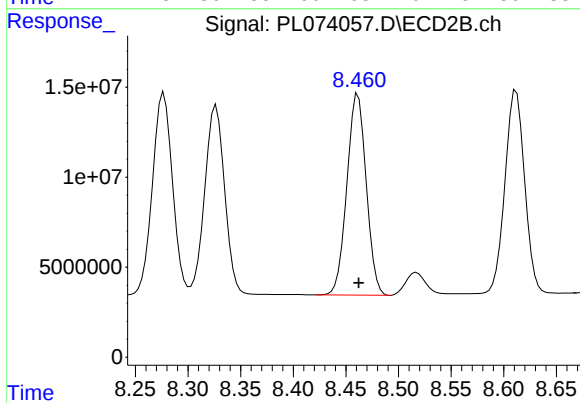
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 150931932
Conc: 70.12 ng/ml m



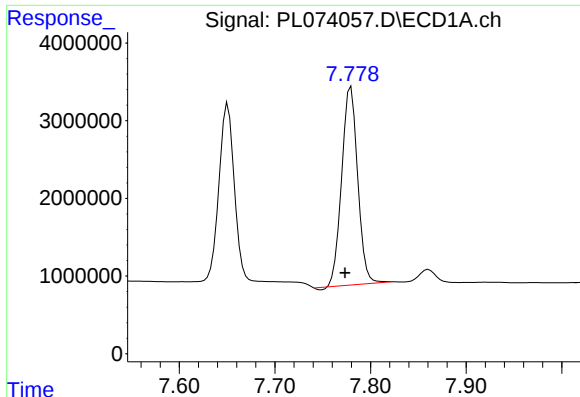
#12 4,4'-DDE

R.T.: 7.651 min
Delta R.T.: 0.006 min
Response: 25585355
Conc: 70.13 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 143437471
Conc: 72.02 ng/ml



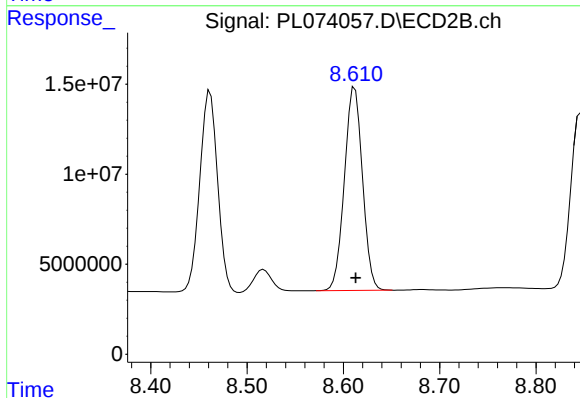
#13 Dieldrin

R.T.: 7.780 min
Delta R.T.: 0.006 min
Response: 29731246
Conc: 69.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

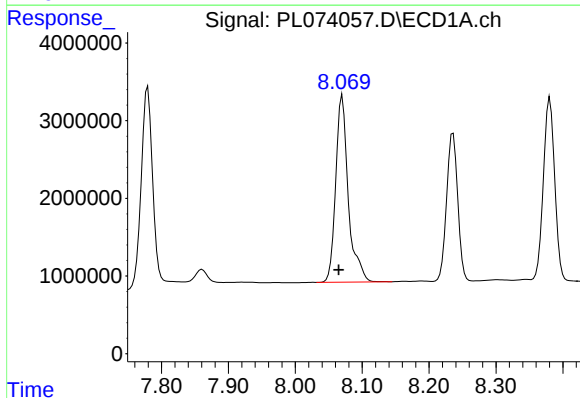
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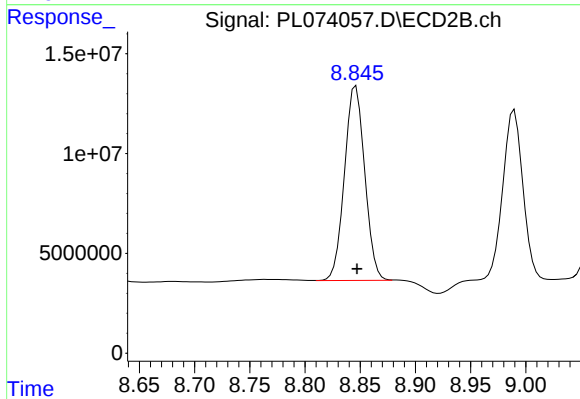
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 146823112
Conc: 73.22 ng/ml



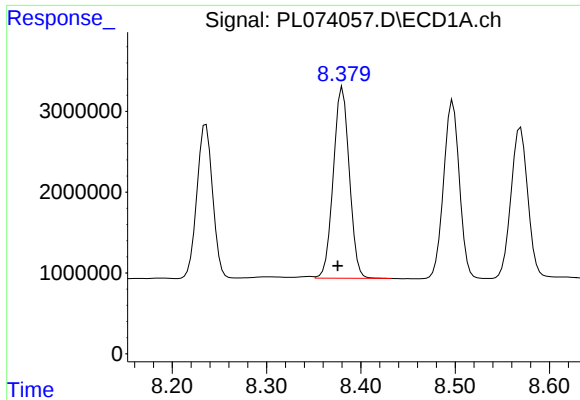
#14 Endrin

R.T.: 8.070 min
Delta R.T.: 0.005 min
Response: 31360445
Conc: 77.20 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 124621781
Conc: 73.58 ng/ml m



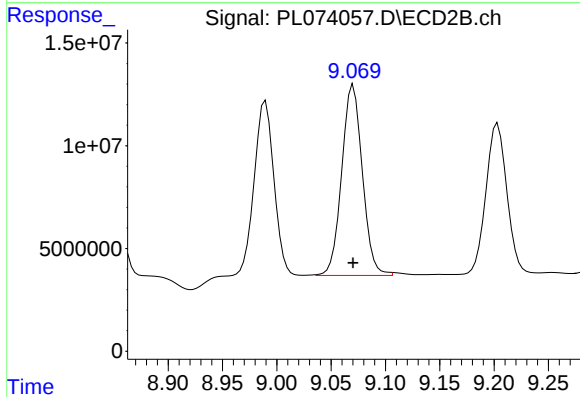
#15 Endosulfan II

R.T.: 8.381 min
Delta R.T.: 0.005 min
Response: 27893489
Conc: 67.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

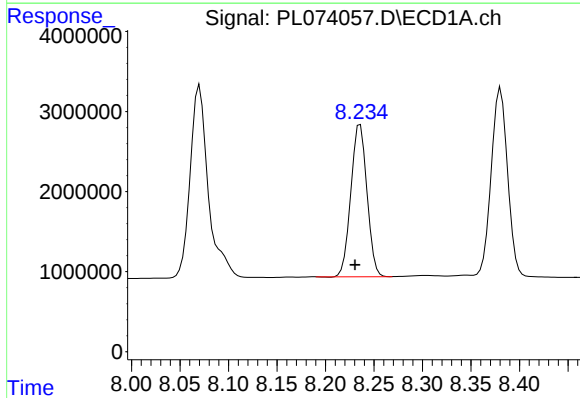
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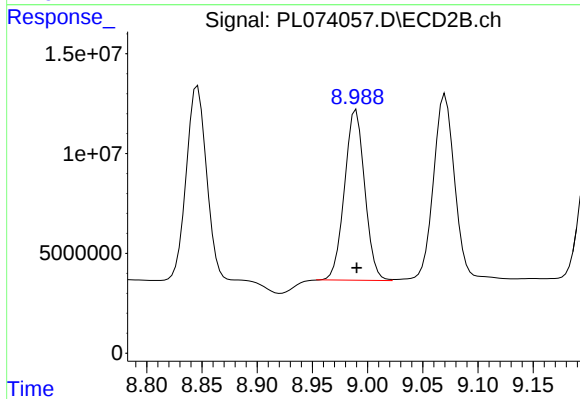
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 122936411
Conc: 70.77 ng/ml m



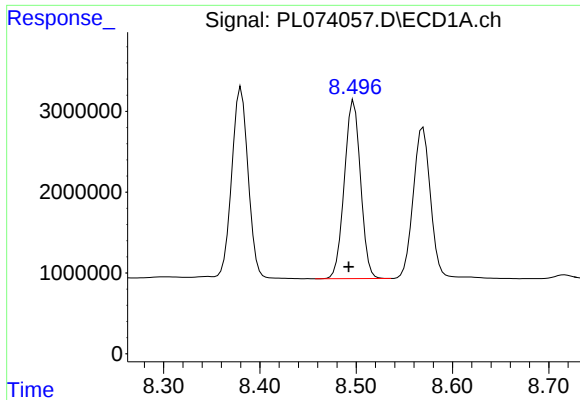
#16 4,4'-DDD

R.T.: 8.236 min
Delta R.T.: 0.005 min
Response: 21952486
Conc: 67.98 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 108528840
Conc: 70.54 ng/ml m



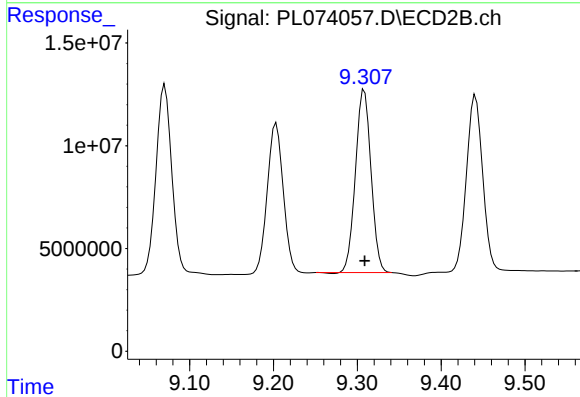
#17 4,4'-DDT

R.T.: 8.498 min
Delta R.T.: 0.005 min
Response: 25663557
Conc: 69.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

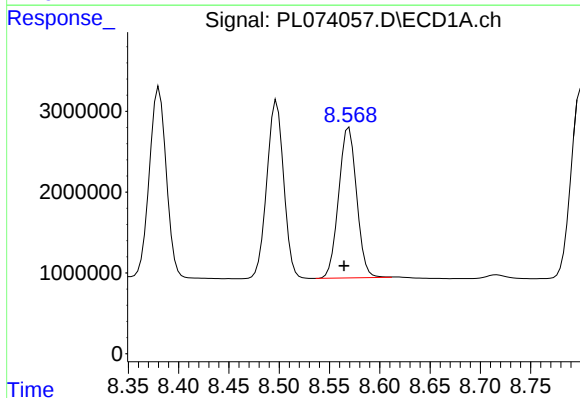
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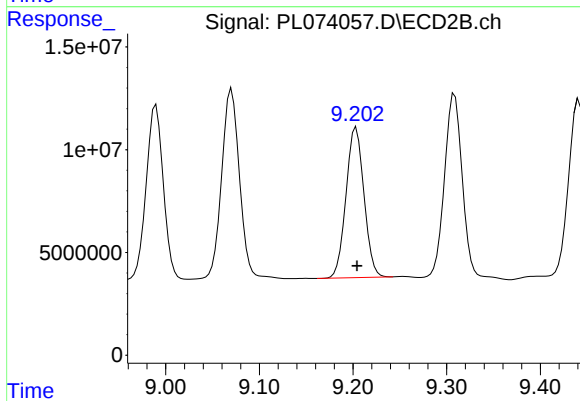
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.000 min
Response: 114834651
Conc: 64.78 ng/ml



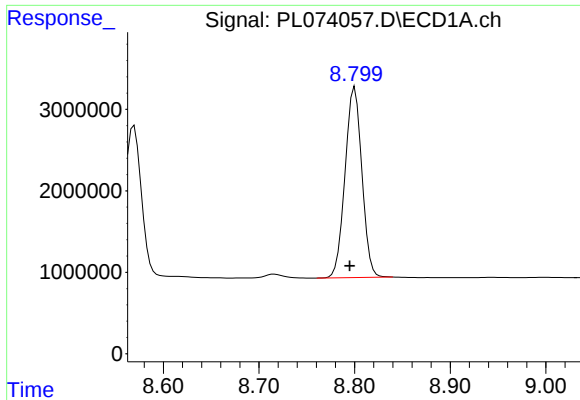
#18 Endrin aldehyde

R.T.: 8.570 min
Delta R.T.: 0.005 min
Response: 23091641
Conc: 71.37 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: 0.000 min
Response: 97389057
Conc: 75.40 ng/ml



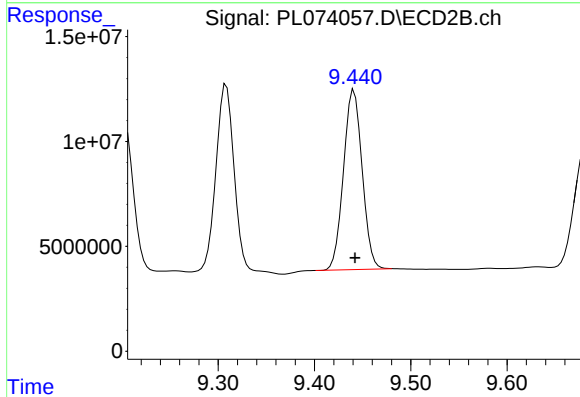
#19 Endosulfan Sulfate

R.T.: 8.800 min
Delta R.T.: 0.005 min
Response: 28714765
Conc: 67.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

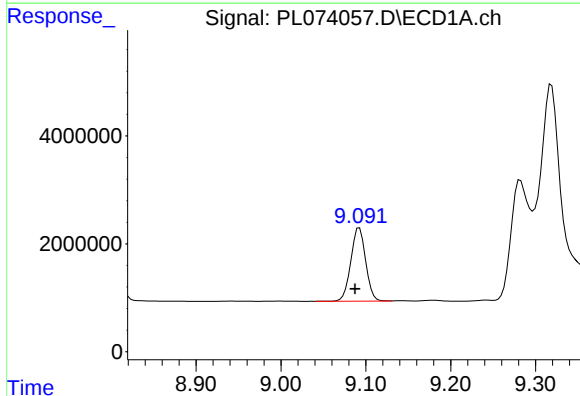
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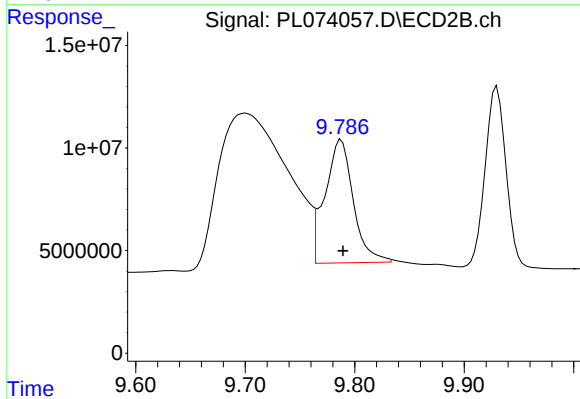
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: -0.001 min
Response: 115141909
Conc: 69.18 ng/ml



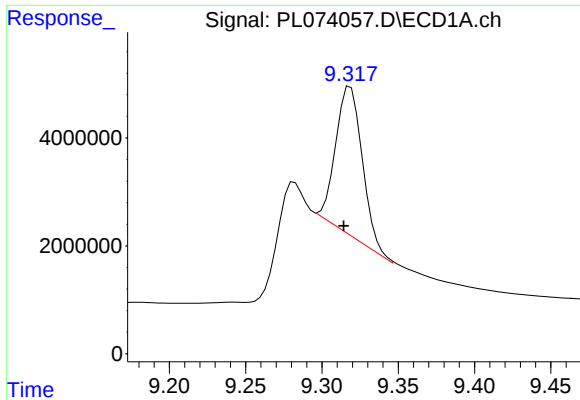
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: 0.005 min
Response: 16517719
Conc: 66.53 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 106536010
Conc: 110.76 ng/ml m



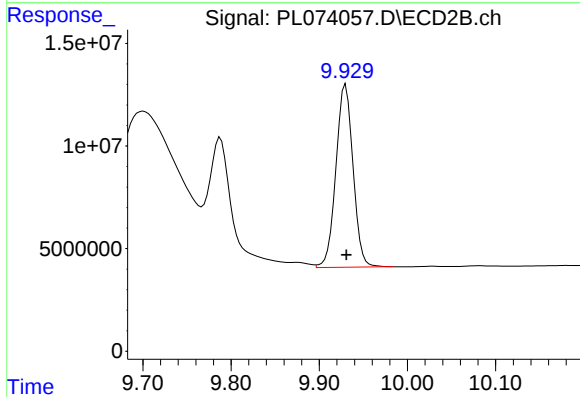
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: 0.003 min
Response: 33091808
Conc: 67.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

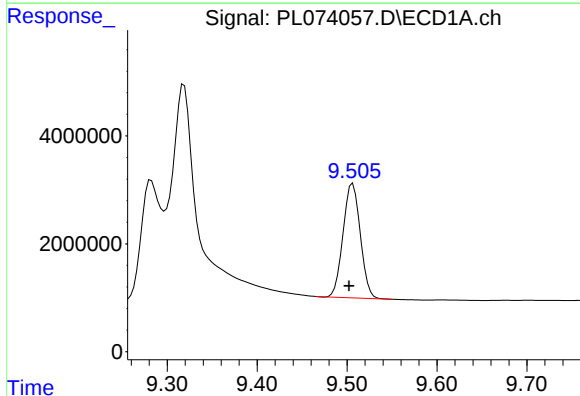
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



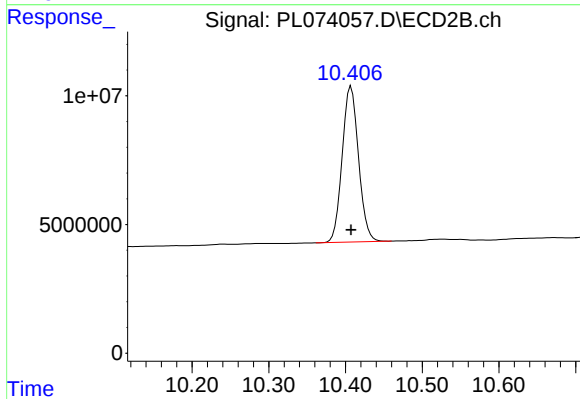
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 120441435
Conc: 69.58 ng/ml



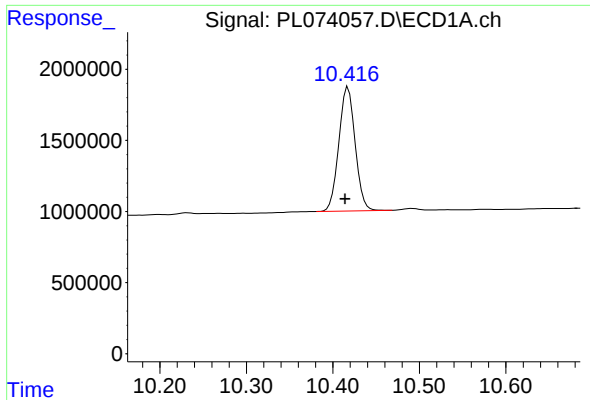
#22 Mirex

R.T.: 9.506 min
Delta R.T.: 0.004 min
Response: 28166205
Conc: 60.39 ng/ml



#22 Mirex

R.T.: 10.407 min
Delta R.T.: 0.000 min
Response: 89991811
Conc: 65.33 ng/ml



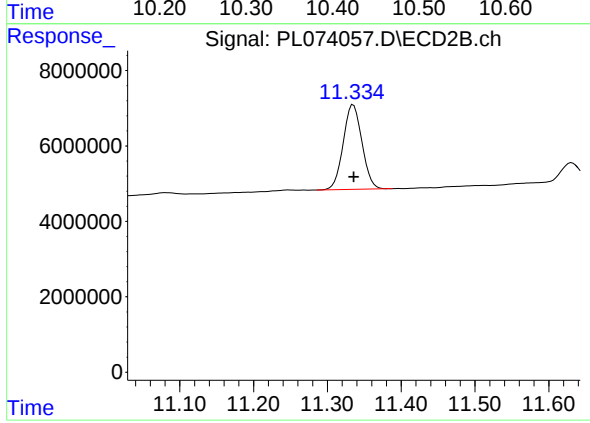
#28 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: 0.004 min
Response: 11333250
Conc: 21.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

Manual Integrations
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Supervised By :mohammad ahmed 04/18/2022



#28 Decachlorobiphenyl

R.T.: 11.335 min
Delta R.T.: 0.000 min
Response: 39646067
Conc: 22.45 ng/ml