

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2022 14:44
 Operator : AR\AJ
 Sample : N2335-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 A350-CUMSD

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 02:12:25 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...	4.639	5.491	7407881	44007854	22.927	24.682
28)	SA Decachlor...	10.412	11.335	11429201	40122799	21.978	22.716
Target Compounds							
2)	A alpha-BHC	5.347	6.053	29630477	192.0E6	70.606	76.232
3)	MA gamma-BHC...	5.770	6.443	29027448	176.9E6	69.212	74.719
4)	MA Heptachlor	6.181	7.102	29400923	183.3E6	65.269	70.279
5)	MB Aldrin	6.507	7.470	28692087	177.4E6	69.129	75.547
6)	B beta-BHC	6.151	6.679	12360951	75473911	60.496	66.968
7)	B delta-BHC	6.413	6.947	29642838	177.5E6	71.658	72.666
8)	B Heptachlo...	7.083	7.927	28720446	171.5E6	66.957	76.191
9)	A Endosulfan I	7.487	8.327	26965412	142.7E6	65.750	72.475
10)	B gamma-Chl...	7.361	8.193	29097327	154.9E6	66.343	69.463m
11)	B alpha-Chl...	7.431	8.276	29359079	149.5E6	66.457	69.435m
12)	B 4,4'-DDE	7.645	8.462	25383567	144.6E6	69.579	72.592
13)	MA Dieldrin	7.773	8.612	30448118	147.4E6	70.880	73.499
14)	MA Endrin	8.065	8.845	30954185	123.7E6	76.198	73.021m
15)	B Endosulfa...	8.375	9.069	27900458	122.5E6	67.693	70.531m
16)	A 4,4'-DDD	8.230	8.988	21947914	109.8E6	67.966	71.374m
17)	MA 4,4'-DDT	8.492	9.308	25570253	115.1E6	69.176	64.907
18)	B Endrin al...	8.563	9.204	23255915	98004411	71.877	75.877
19)	B Endosulfa...	8.794	9.441	28612809	114.0E6	67.005	68.484
20)	A Methoxychlor	9.087	9.786	16513442	99868230	66.514	103.830m#
21)	B Endrin ke...	9.313	9.930	33121363	119.2E6	67.795m	68.863
22)	Mirex	9.501	10.407	28131487	89134110	60.316	64.712

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
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 Acq On : 14 Apr 2022 14:44
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ECD_L

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Manual Integrations

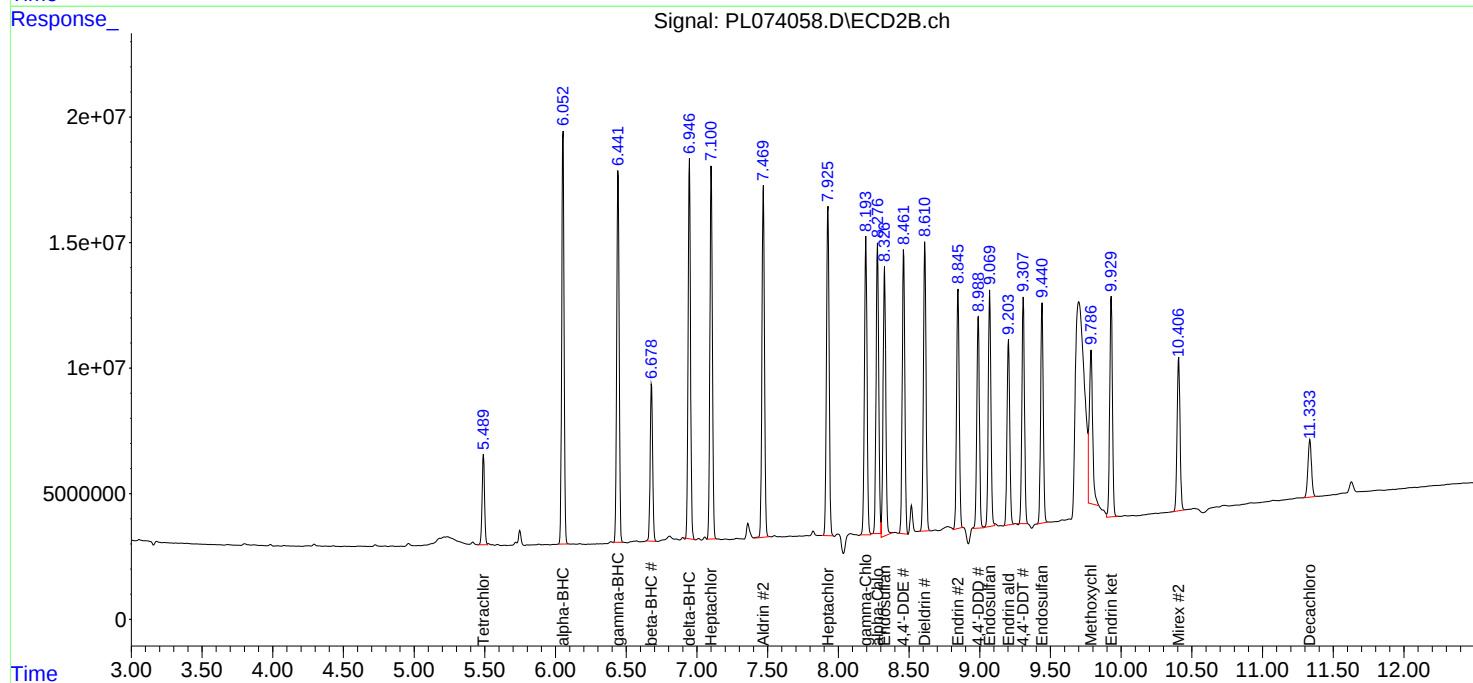
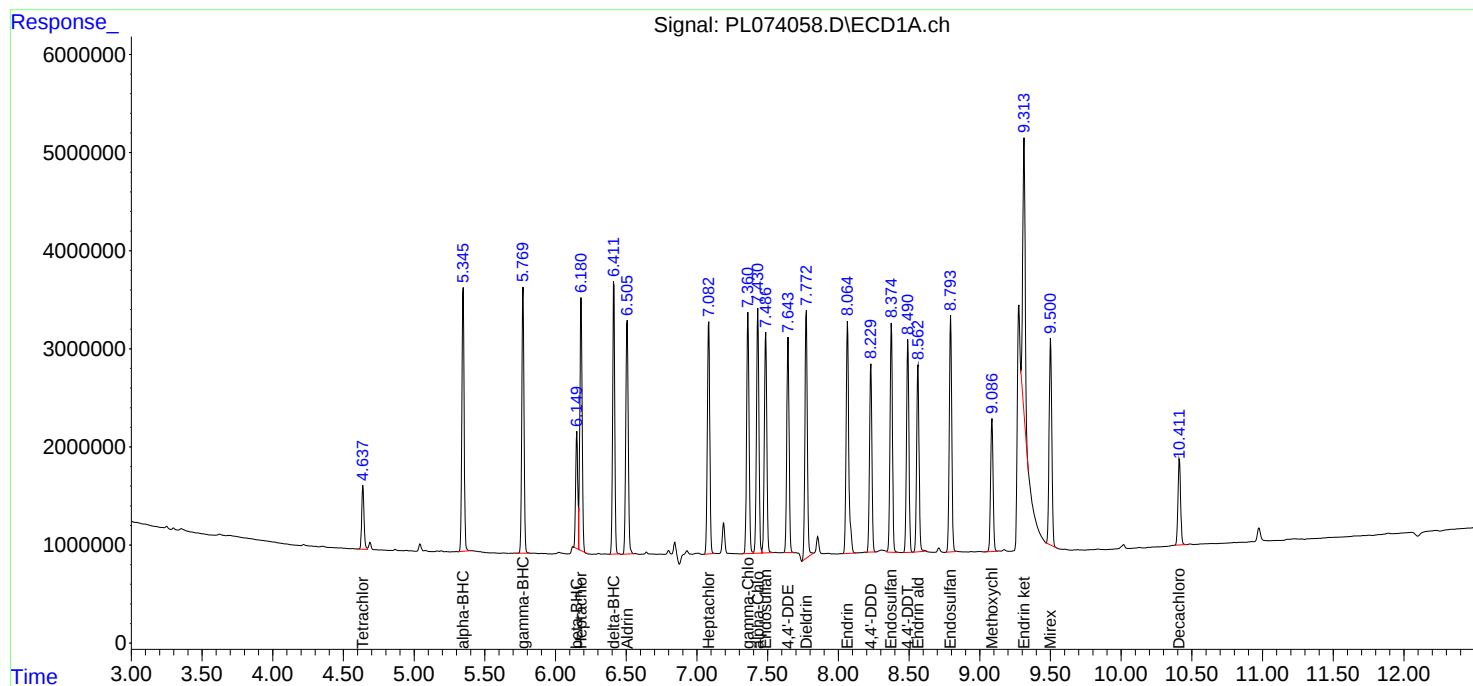
APPROVED

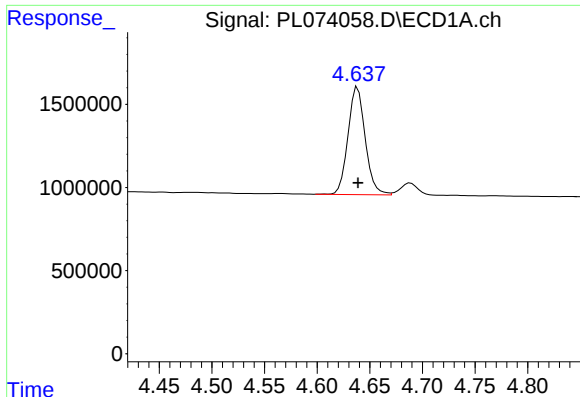
Reviewed By : Abdul Mirza 04/15/2022

Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 02:12:25 2022
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





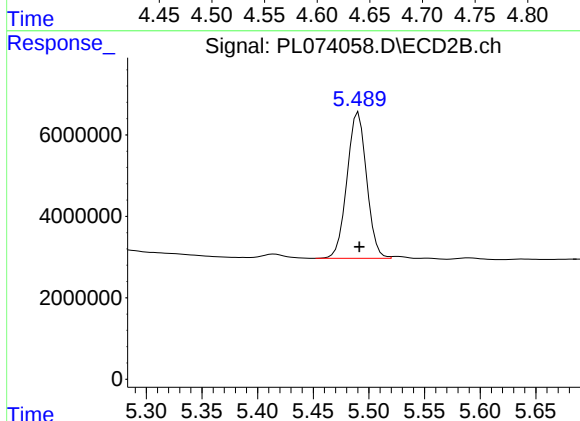
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 7407881
Conc: 22.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

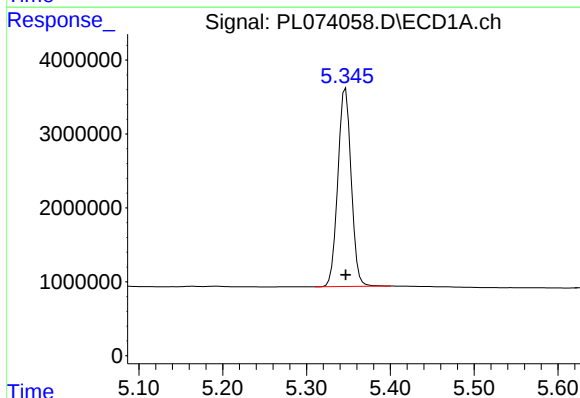
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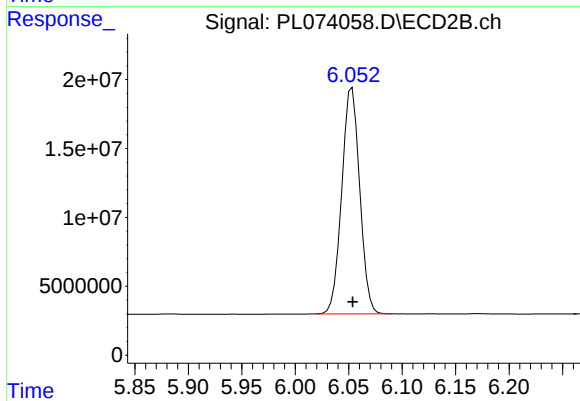
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 44007854
Conc: 24.68 ng/ml



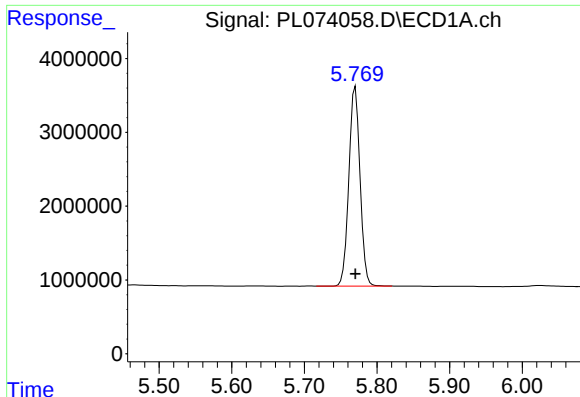
#2 alpha-BHC

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 29630477
Conc: 70.61 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 191958163
Conc: 76.23 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 29027448
Conc: 69.21 ng/ml

Instrument :

ECD_L

ClientSampleId :

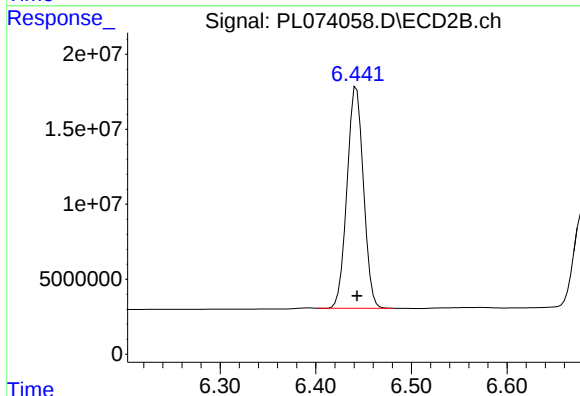
A350-CUMSD

Manual Integrations

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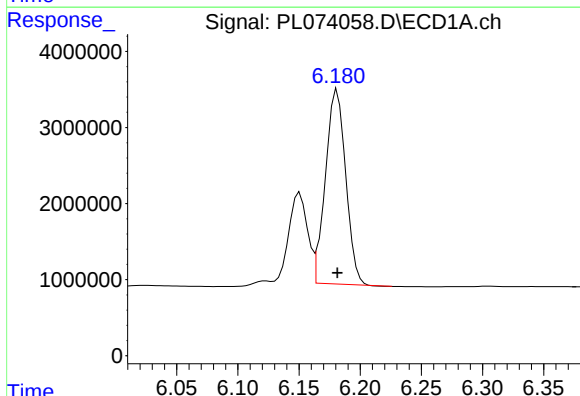
Reviewed By :Abdul Mirza 04/15/2022

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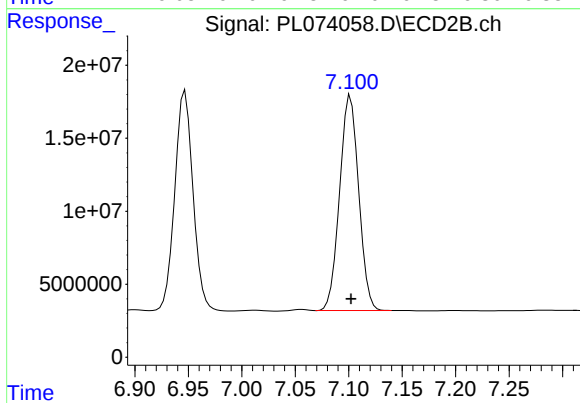
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 176868373
Conc: 74.72 ng/ml



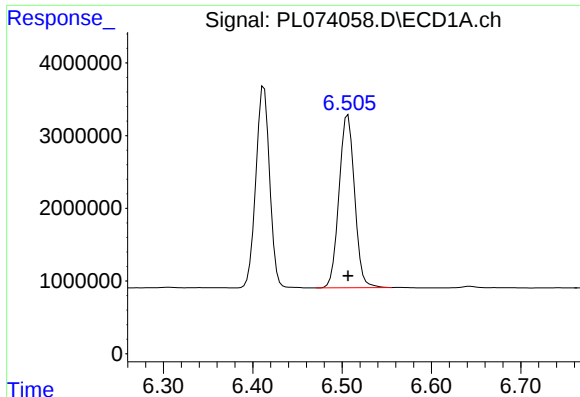
#4 Heptachlor

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 29400923
Conc: 65.27 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 183317424
Conc: 70.28 ng/ml



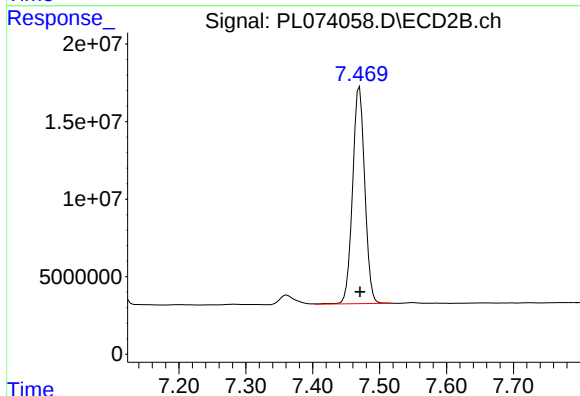
#5 Aldrin

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 28692087
Conc: 69.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

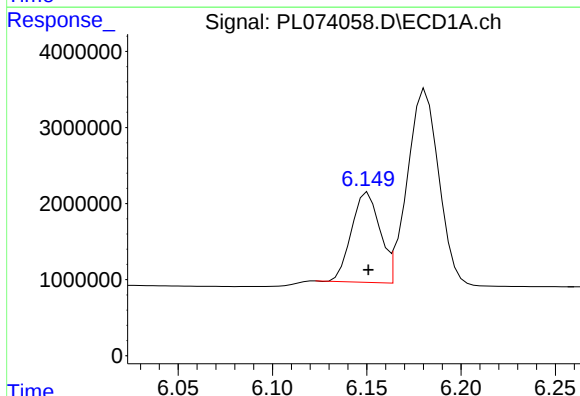
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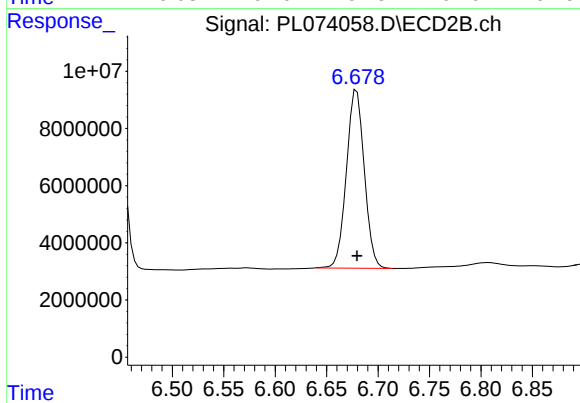
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 177429430
Conc: 75.55 ng/ml



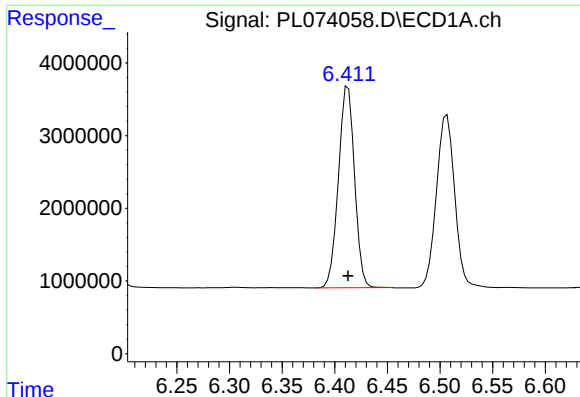
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 12360951
Conc: 60.50 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 75473911
Conc: 66.97 ng/ml



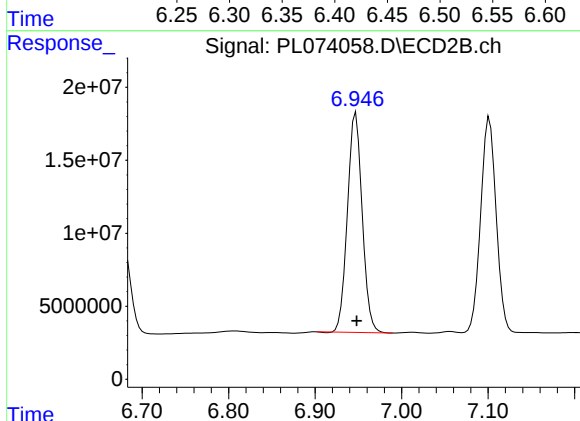
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 29642838
Conc: 71.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

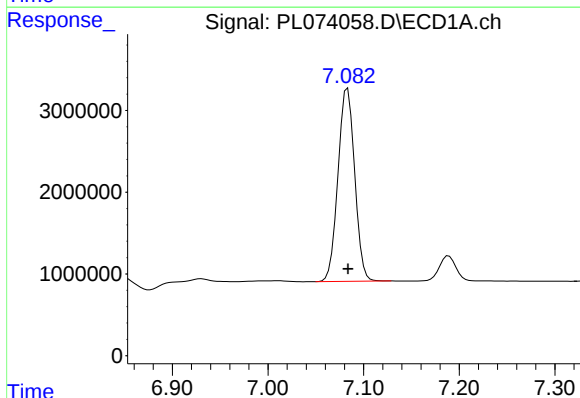
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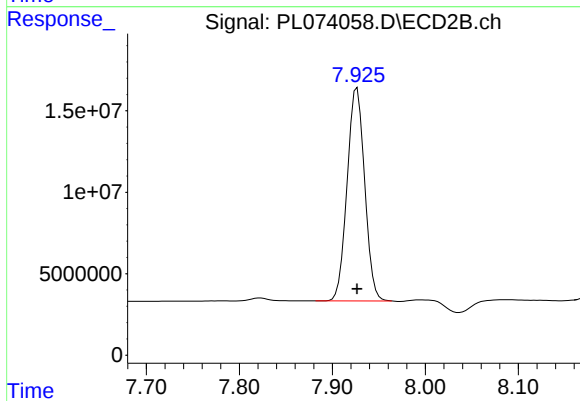
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 177471035
Conc: 72.67 ng/ml



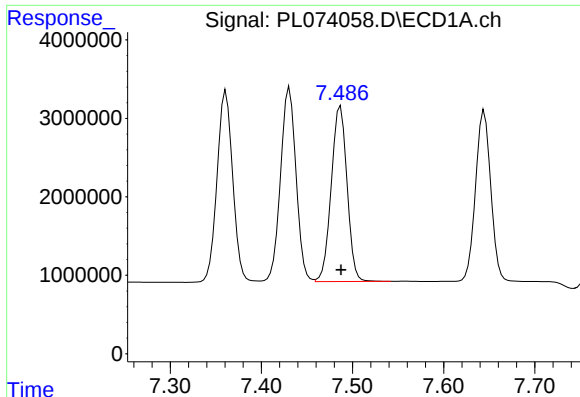
#8 Heptachlor epoxide

R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 28720446
Conc: 66.96 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 171549871
Conc: 76.19 ng/ml



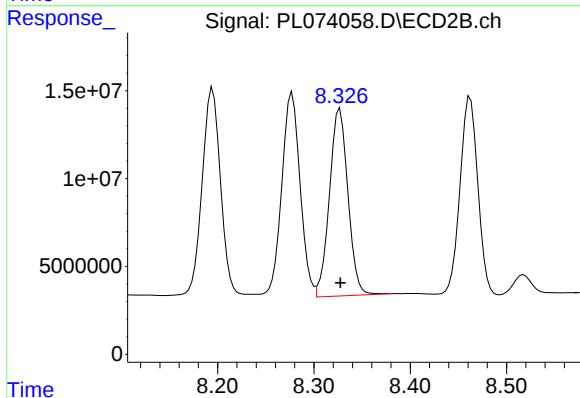
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 26965412
Conc: 65.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

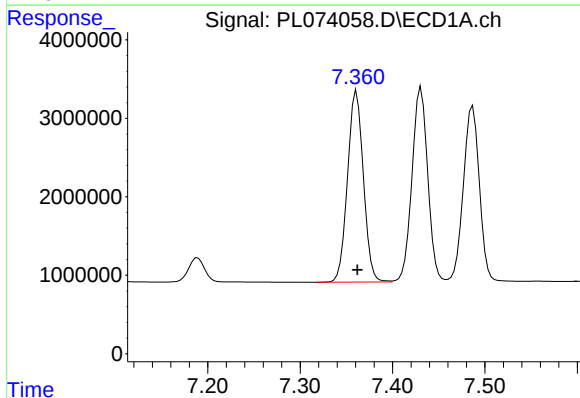
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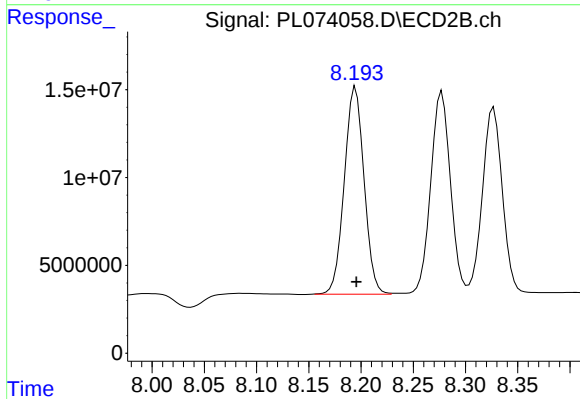
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 142678128
Conc: 72.47 ng/ml



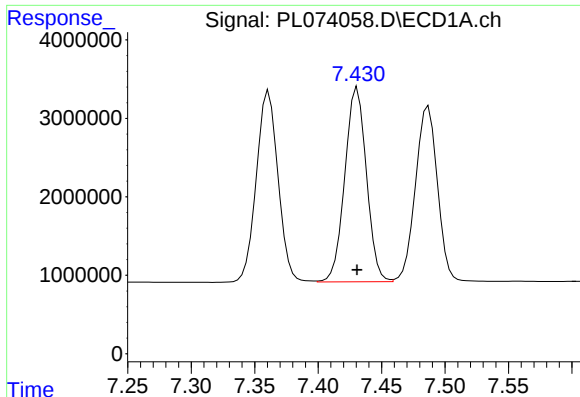
#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 29097327
Conc: 66.34 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 154926263
Conc: 69.46 ng/ml m



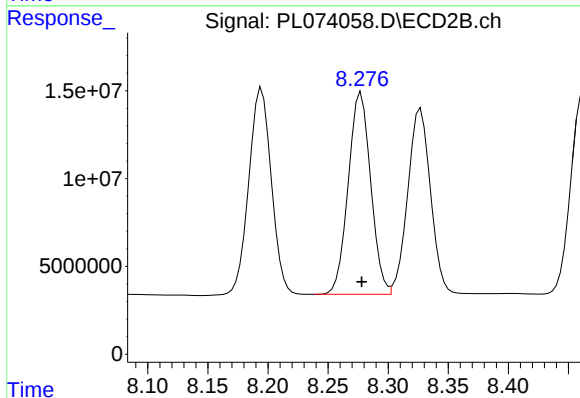
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 29359079
Conc: 66.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

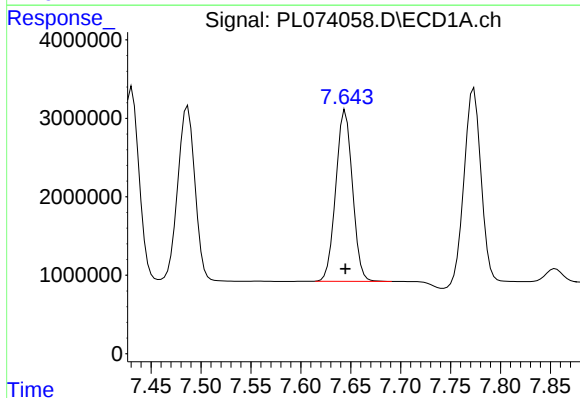
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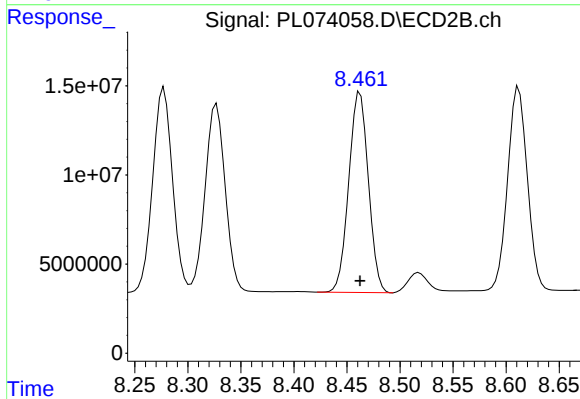
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 149464097
Conc: 69.43 ng/ml m



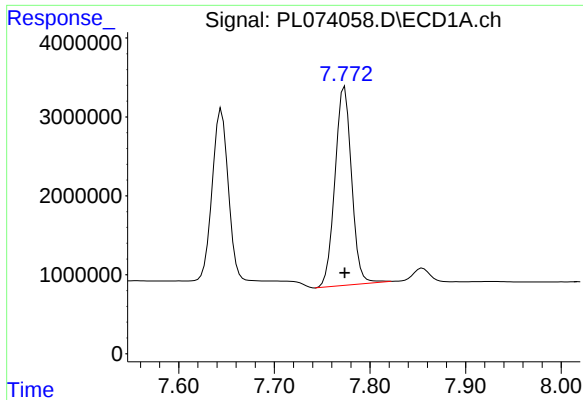
#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 25383567
Conc: 69.58 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 144580771
Conc: 72.59 ng/ml



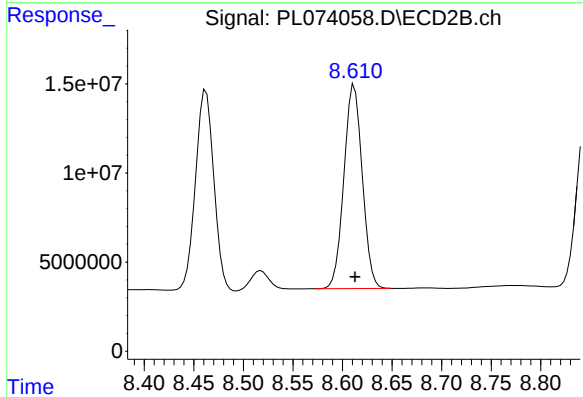
#13 Dieldrin

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 30448118
Conc: 70.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
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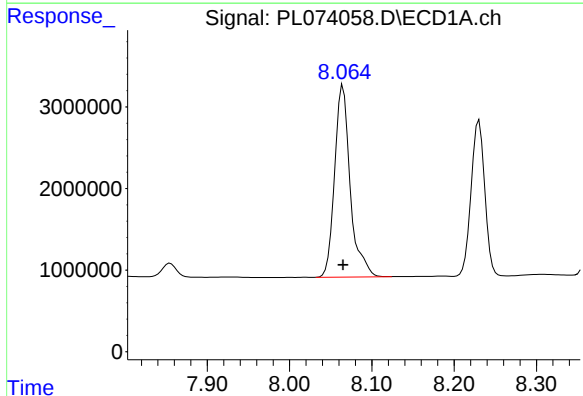
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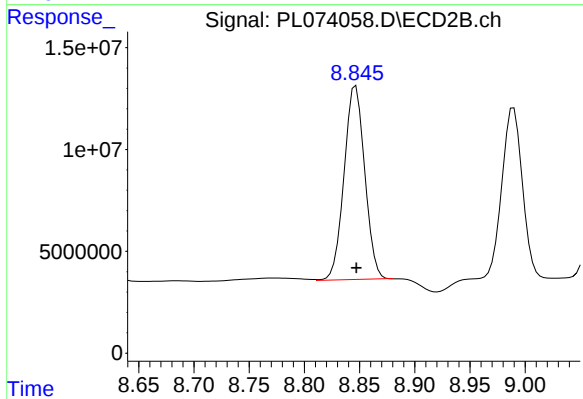
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 147386668
Conc: 73.50 ng/ml



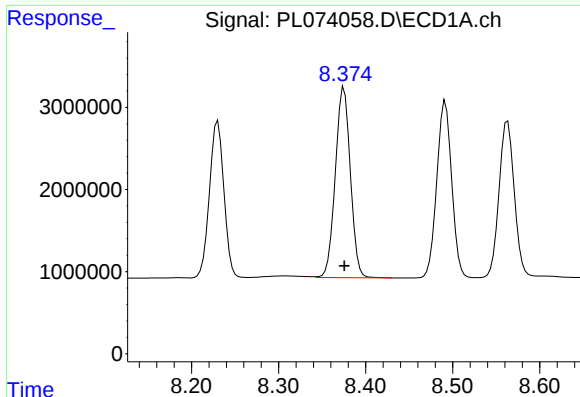
#14 Endrin

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 30954185
Conc: 76.20 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 123673844
Conc: 73.02 ng/ml m



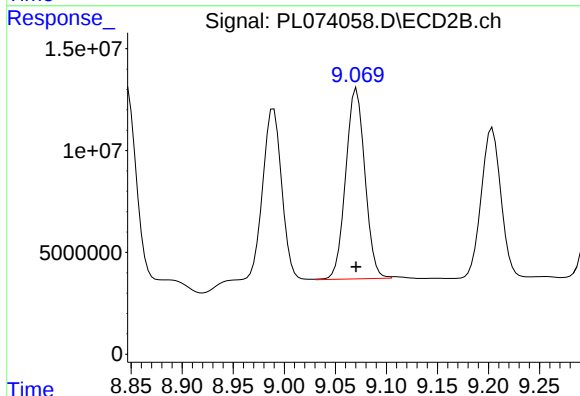
#15 Endosulfan II

R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 27900458
Conc: 67.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

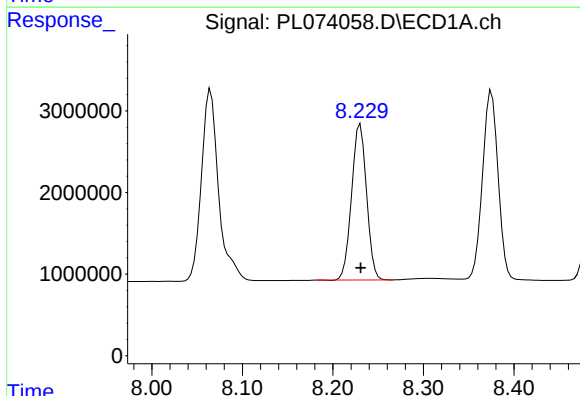
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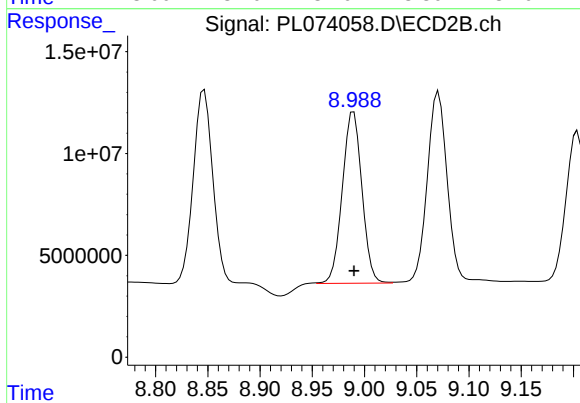
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 122528939
Conc: 70.53 ng/ml m



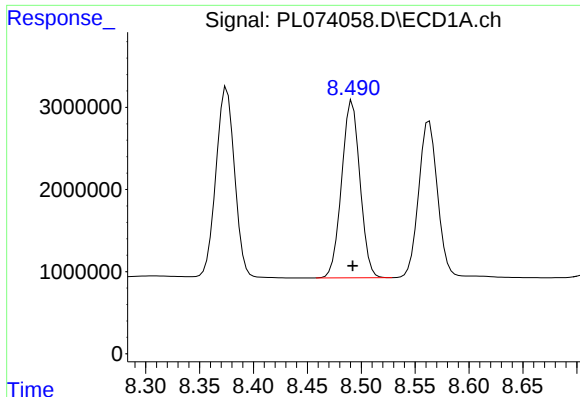
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 21947914
Conc: 67.97 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 109815599
Conc: 71.37 ng/ml m



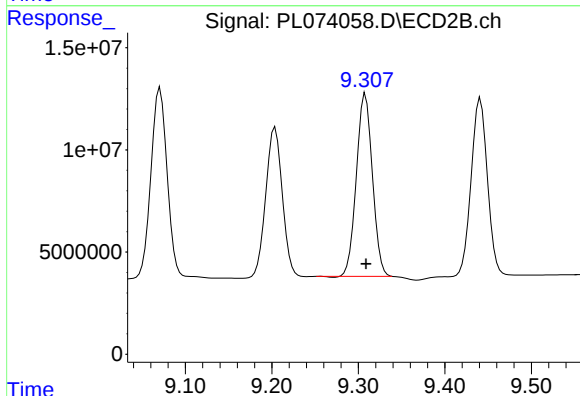
#17 4,4'-DDT

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 25570253
Conc: 69.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

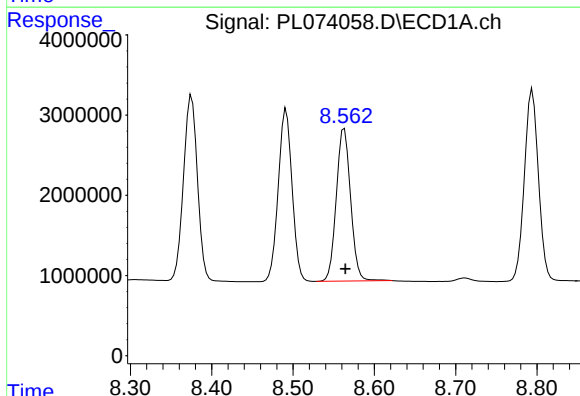
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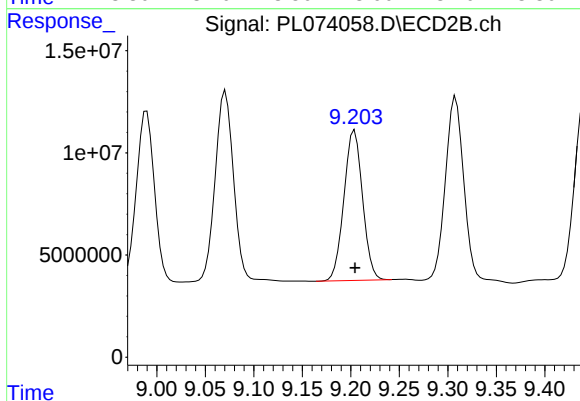
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.000 min
Response: 115057708
Conc: 64.91 ng/ml



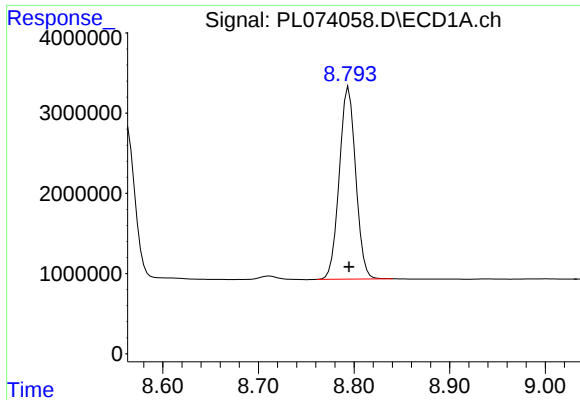
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: -0.001 min
Response: 23255915
Conc: 71.88 ng/ml



#18 Endrin aldehyde

R.T.: 9.204 min
Delta R.T.: 0.000 min
Response: 98004411
Conc: 75.88 ng/ml



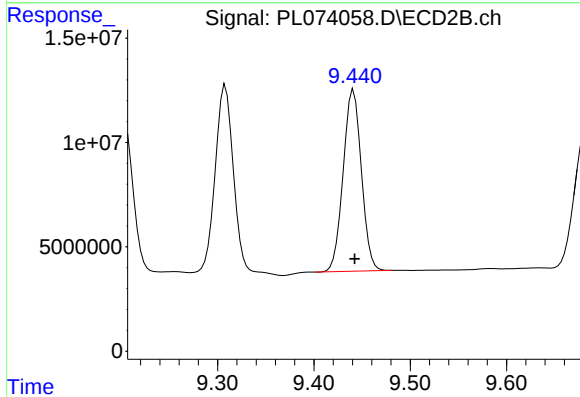
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 28612809
Conc: 67.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

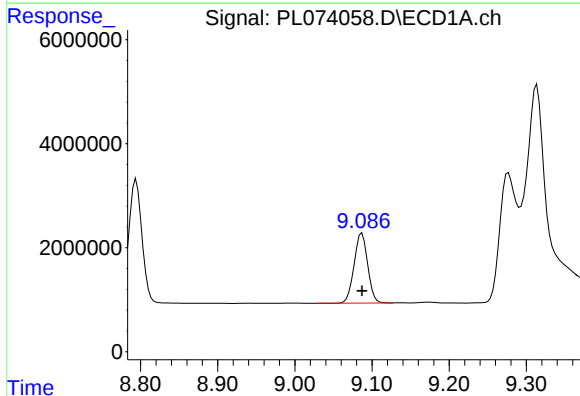
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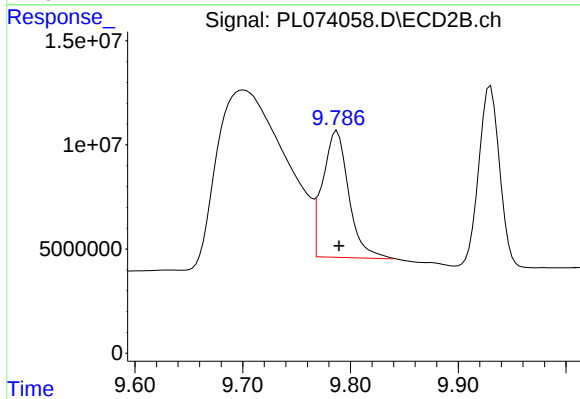
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: -0.001 min
Response: 113979682
Conc: 68.48 ng/ml



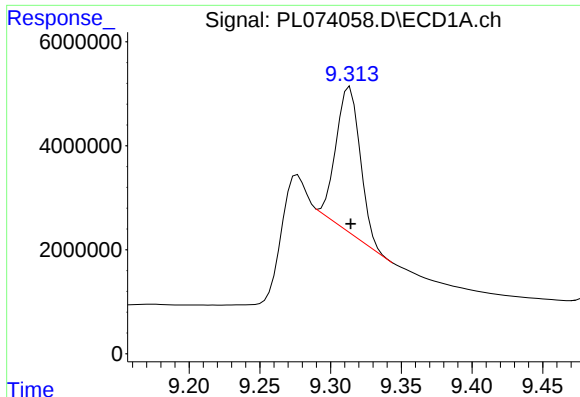
#20 Methoxychlor

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 16513442
Conc: 66.51 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 99868230
Conc: 103.83 ng/ml m



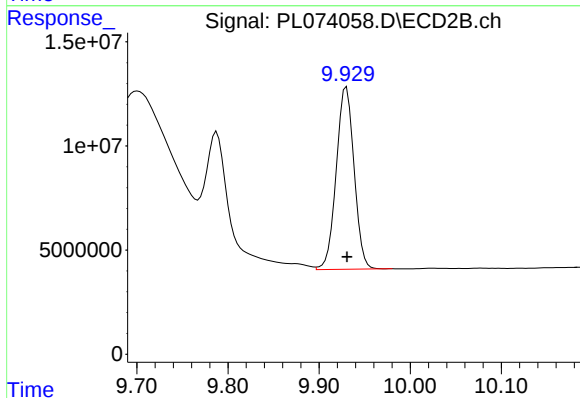
#21 Endrin ketone

R.T.: 9.313 min
Delta R.T.: -0.001 min
Response: 33121363
Conc: 67.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

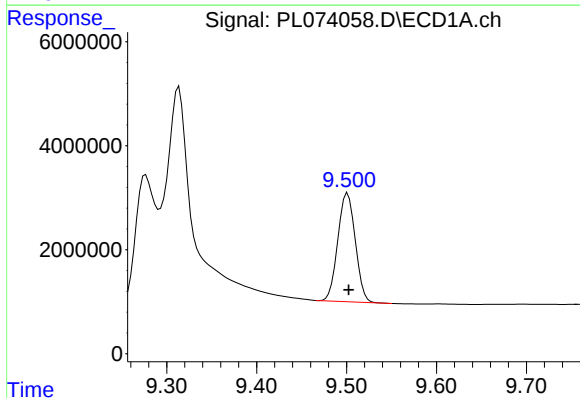
Manual Integrations
APPROVED

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



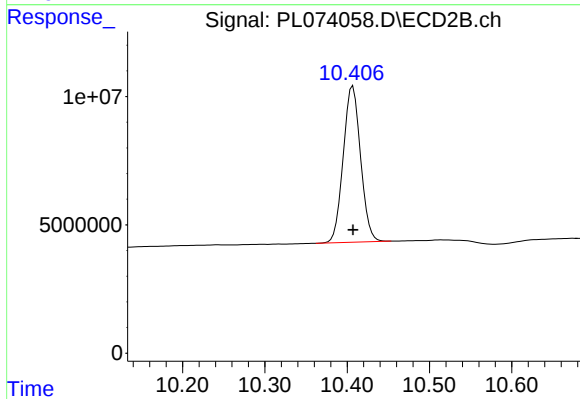
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 119198414
Conc: 68.86 ng/ml



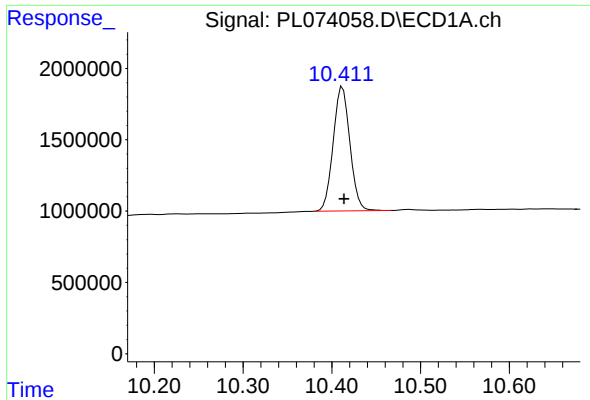
#22 Mirex

R.T.: 9.501 min
Delta R.T.: -0.001 min
Response: 28131487
Conc: 60.32 ng/ml



#22 Mirex

R.T.: 10.407 min
Delta R.T.: 0.000 min
Response: 89134110
Conc: 64.71 ng/ml



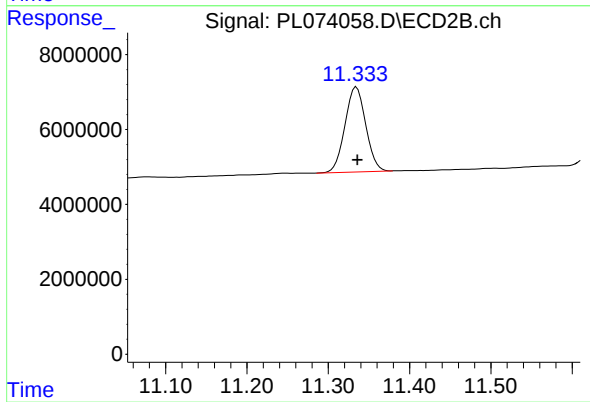
#28 Decachlorobiphenyl

R.T.: 10.412 min
Delta R.T.: -0.002 min
Response: 11429201
Conc: 21.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

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



#28 Decachlorobiphenyl

R.T.: 11.335 min
Delta R.T.: -0.001 min
Response: 40122799
Conc: 22.72 ng/ml