

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032922\
 Data File : PL073718.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2022 13:24
 Operator : AR\AJ
 Sample : PB143708BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143708BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/30/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 01:01:21 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...	4.649	5.488	6625331	35242045	20.686	21.473
28)	SA Decachlor...	10.419	11.333	11184884	36971704	21.996	20.676
Target Compounds							
2)	A alpha-BHC	5.356	6.051	21315533	126.9E6	51.711	56.387
3)	MA gamma-BHC...	5.780	6.441	21311949	117.9E6	51.091	55.234
4)	MA Heptachlor	6.191	7.101	22112488	119.5E6	49.008	51.014
5)	MB Aldrin	6.516	7.469	21756880	117.6E6	52.659	56.140
6)	B beta-BHC	6.160	6.677	10476444	49935090	50.882	47.905
7)	B delta-BHC	6.421	6.945	21209463	116.9E6	52.806	54.276
8)	B Heptachlo...	7.092	7.925	21974171	106.7E6	50.987	53.425
9)	A Endosulfan I	7.496	8.326	20694972	95426274	50.449	52.277
10)	B gamma-Chl...	7.370	8.193	22476097	108.7E6	51.397	53.231
11)	B alpha-Chl...	7.440	8.276	22611902	106.4E6	51.166	53.177
12)	B 4,4'-DDE	7.653	8.461	19034823	98226509	53.046	54.802
13)	MA Dieldrin	7.782	8.611	22245330	101.7E6	53.394	55.146
14)	MA Endrin	8.073	8.846	20483170	80839206	52.791	52.513
15)	B Endosulfa...	8.383	9.069	21568318	85402507	55.179	55.607
16)	A 4,4'-DDD	8.238	8.988	17766799	79465726	54.711	54.439
17)	MA 4,4'-DDT	8.500	9.307	17856394	76260133	47.216	46.656
18)	B Endrin al...	8.572	9.201	17927536	70008324	56.688	57.089m
19)	B Endosulfa...	8.802	9.440	22186281	82983155	52.522	52.652
20)	A Methoxychlor	9.095	9.787	11849738	41425272	46.192	45.973
21)	B Endrin ke...	9.321	9.928	27041647	87017070	55.275	52.719
22)	Mirex	9.509	10.405	26465638	76998578	56.123	56.681

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032922\
 Data File : PL073718.D
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 Operator : AR\AJ
 Sample : PB143708BS
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB143708BS

Manual Integrations

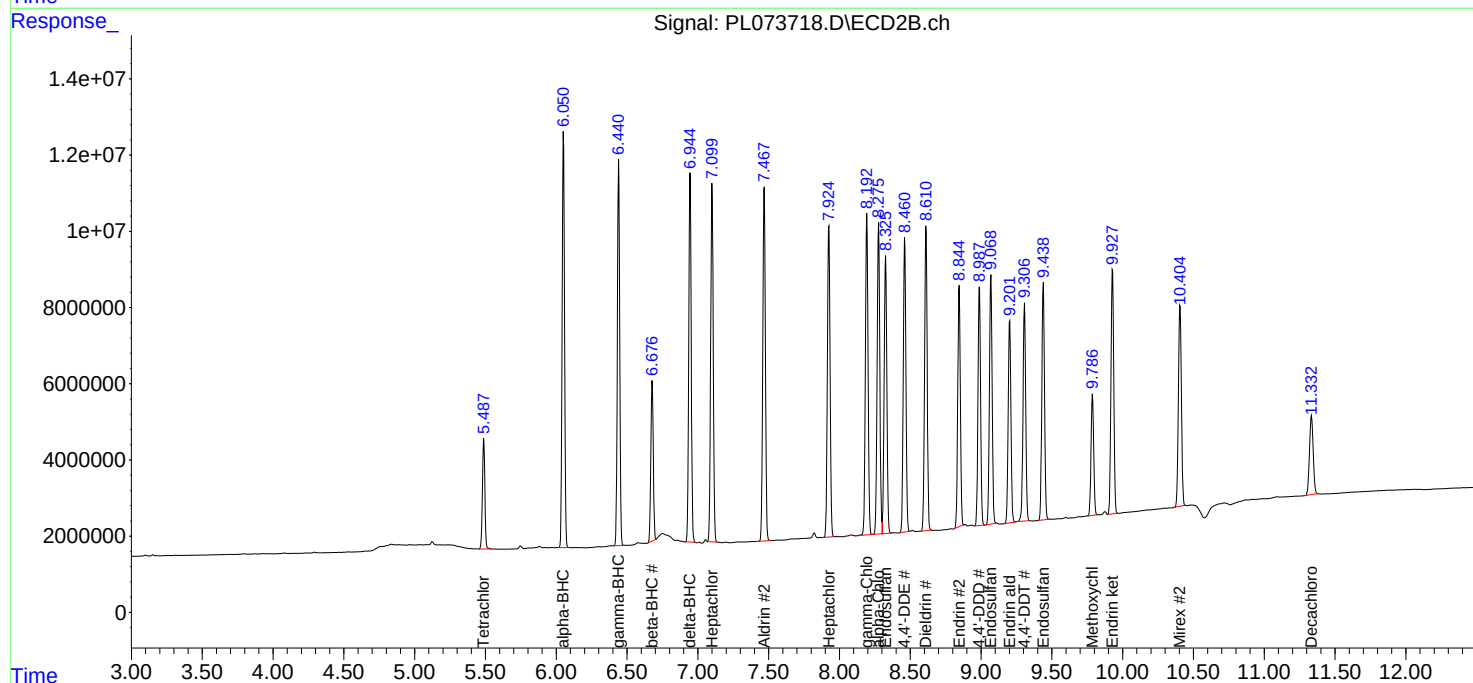
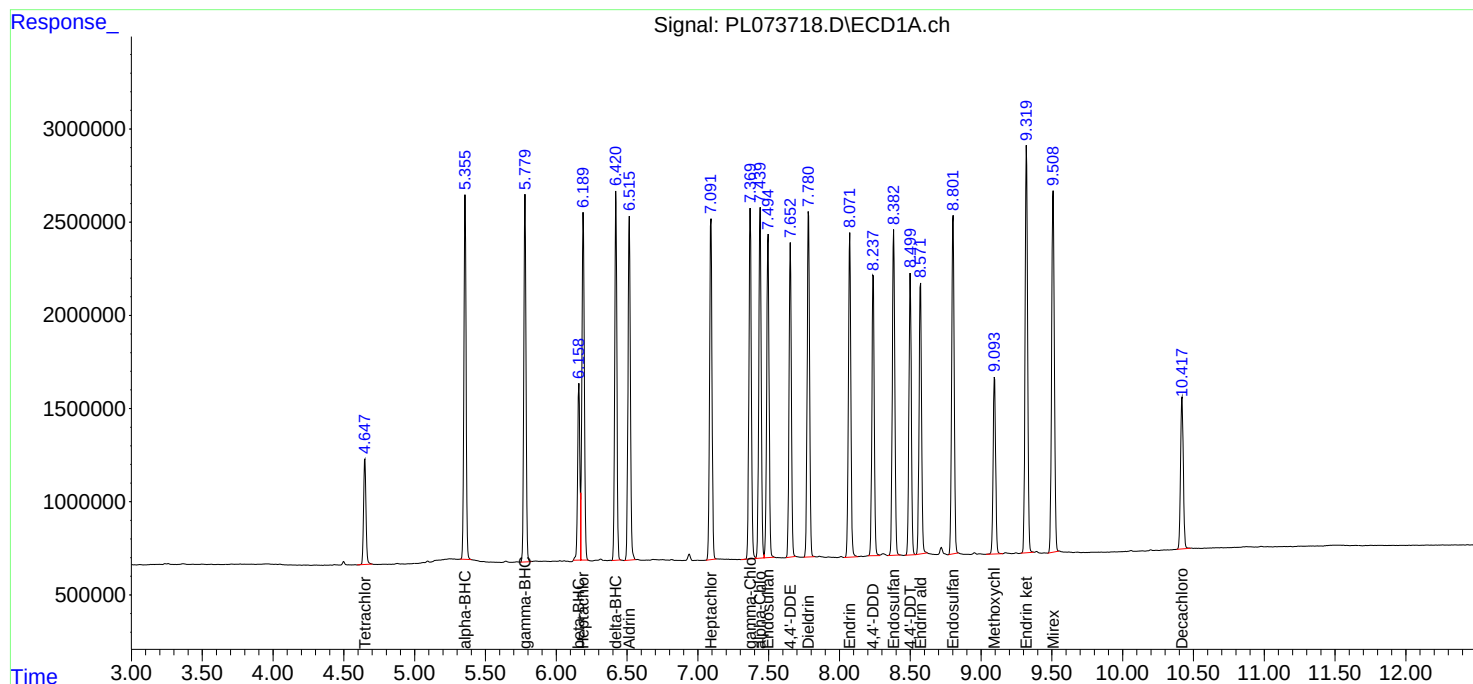
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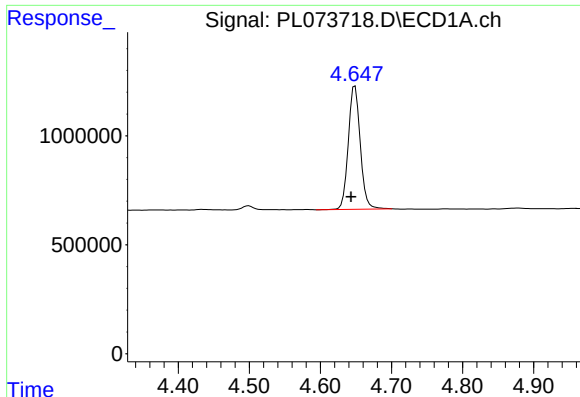
Reviewed By :Abdul Mirza 03/30/2022

Supervised By :mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 01:01:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





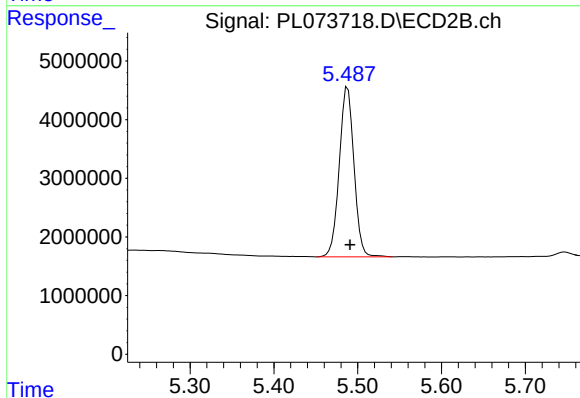
#1 Tetrachloro-m-xylene

R.T.: 4.649 min
Delta R.T.: 0.006 min
Response: 6625331
Conc: 20.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143708BS

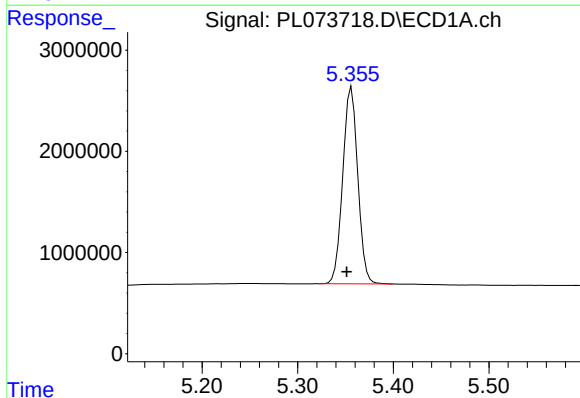
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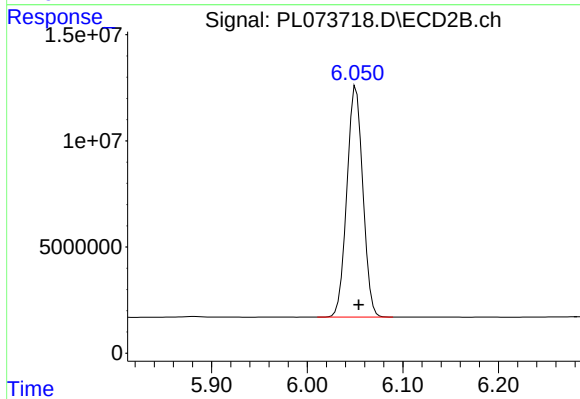
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 35242045
Conc: 21.47 ng/ml



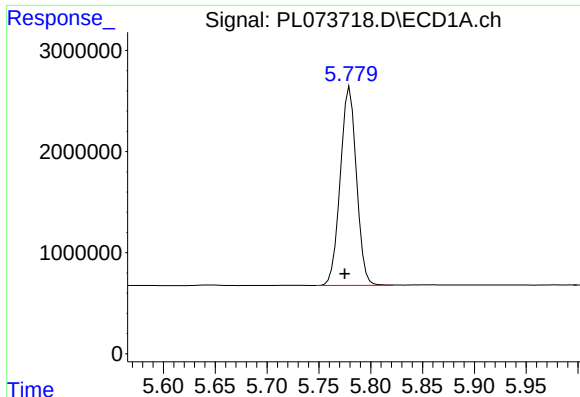
#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: 0.005 min
Response: 21315533
Conc: 51.71 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 126850141
Conc: 56.39 ng/ml



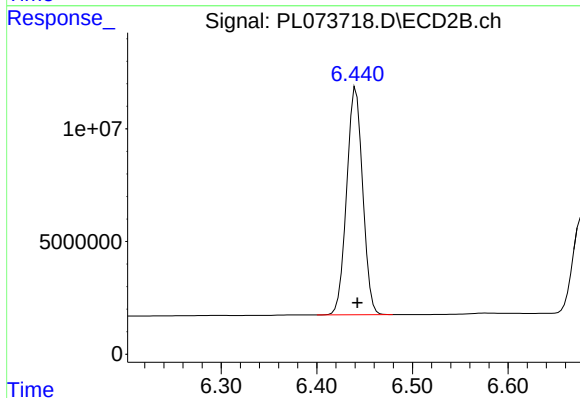
#3 gamma-BHC (Lindane)

R.T.: 5.780 min
Delta R.T.: 0.005 min
Response: 21311949
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143708BS

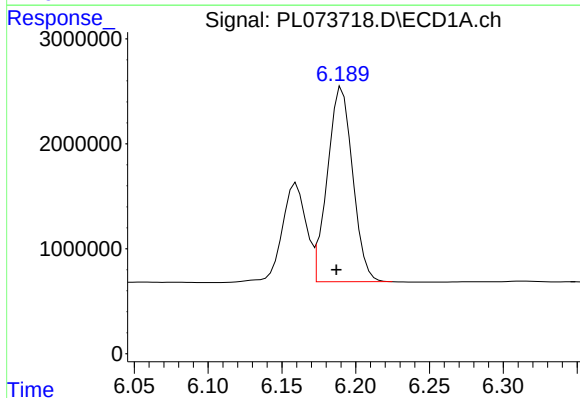
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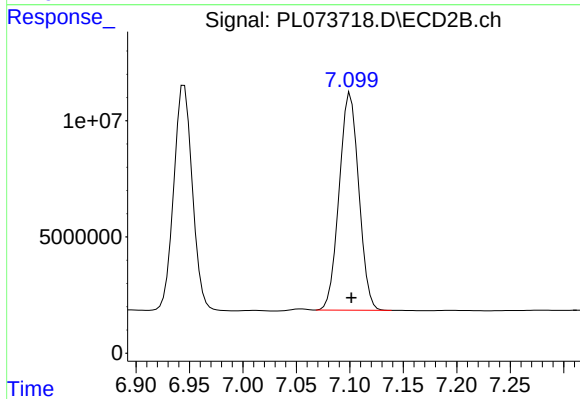
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 117928132
Conc: 55.23 ng/ml



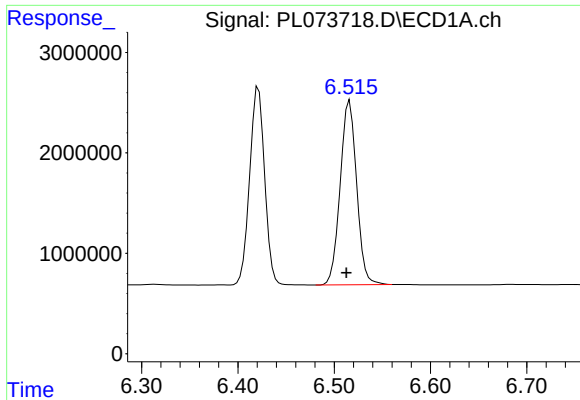
#4 Heptachlor

R.T.: 6.191 min
Delta R.T.: 0.004 min
Response: 22112488
Conc: 49.01 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 119531001
Conc: 51.01 ng/ml



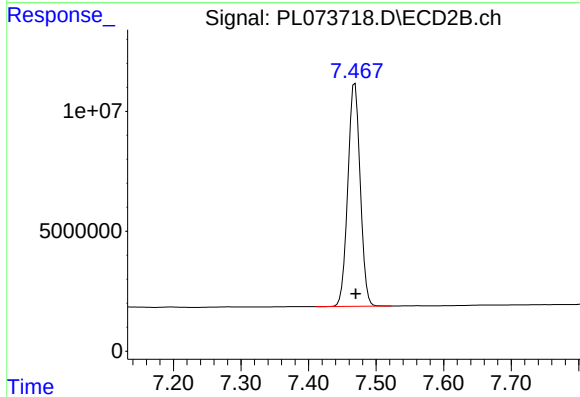
#5 Aldrin

R.T.: 6.516 min
Delta R.T.: 0.004 min
Response: 21756880
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143708BS

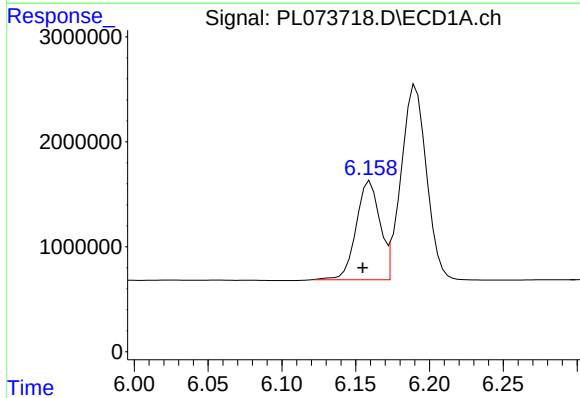
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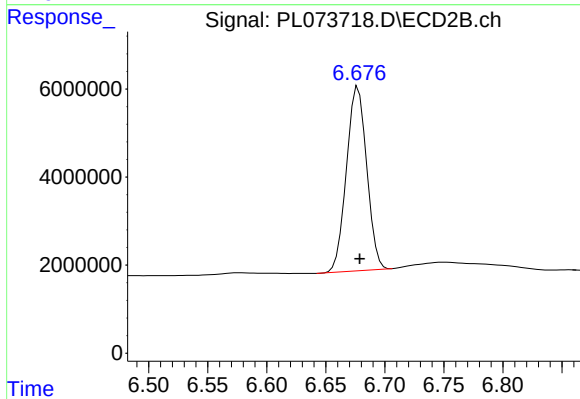
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 117612086
Conc: 56.14 ng/ml



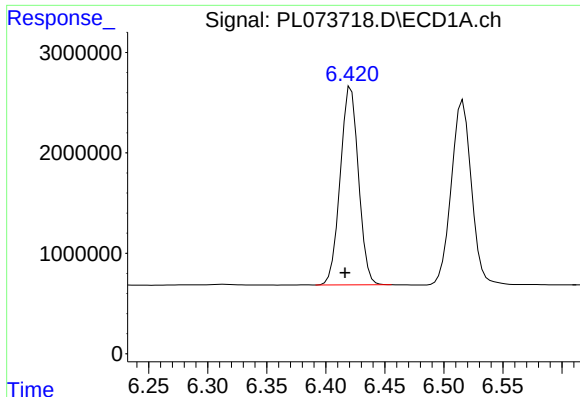
#6 beta-BHC

R.T.: 6.160 min
Delta R.T.: 0.005 min
Response: 10476444
Conc: 50.88 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.001 min
Response: 49935090
Conc: 47.91 ng/ml



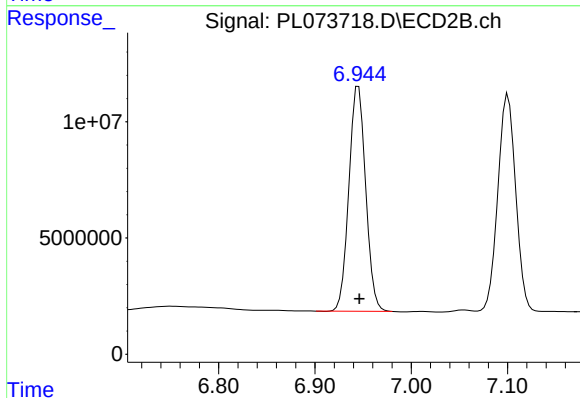
#7 delta-BHC

R.T.: 6.421 min
Delta R.T.: 0.005 min
Response: 21209463
Conc: 52.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143708BS

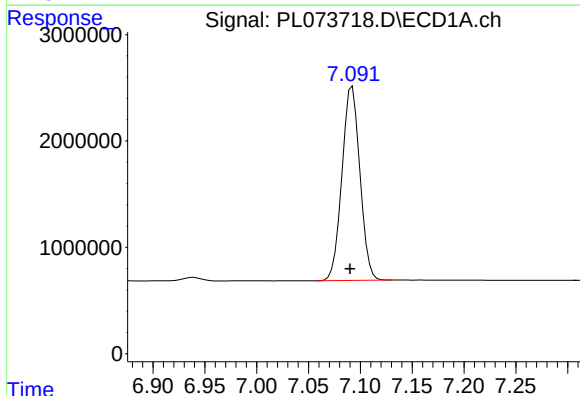
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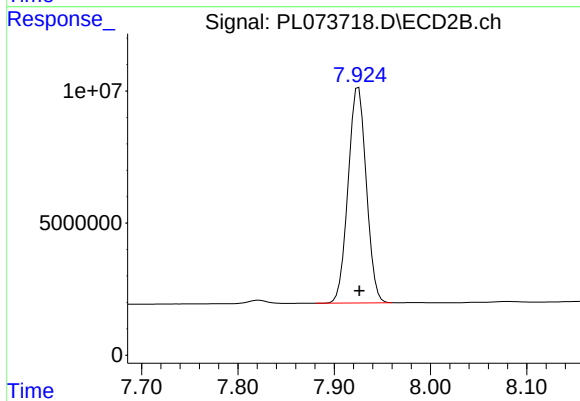
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.001 min
Response: 116885890
Conc: 54.28 ng/ml



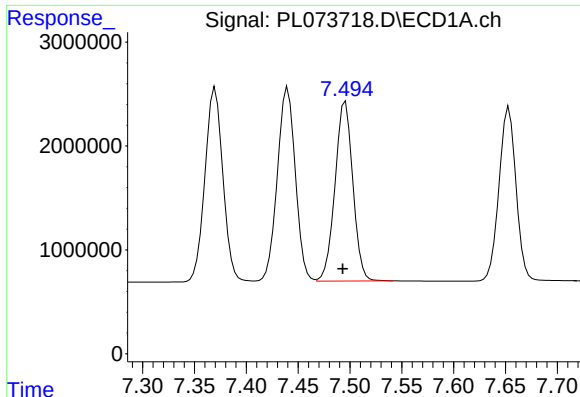
#8 Heptachlor epoxide

R.T.: 7.092 min
Delta R.T.: 0.002 min
Response: 21974171
Conc: 50.99 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 106706028
Conc: 53.42 ng/ml



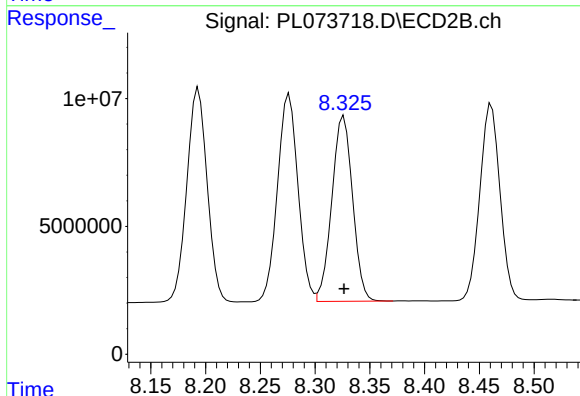
#9 Endosulfan I

R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 20694972
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143708BS

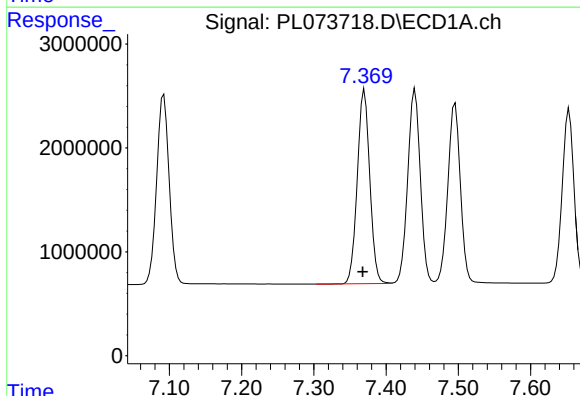
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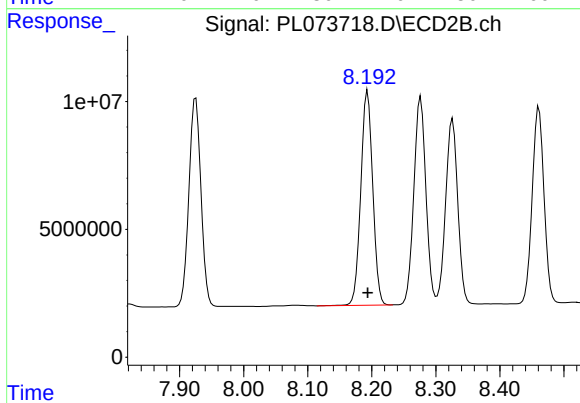
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 95426274
Conc: 52.28 ng/ml



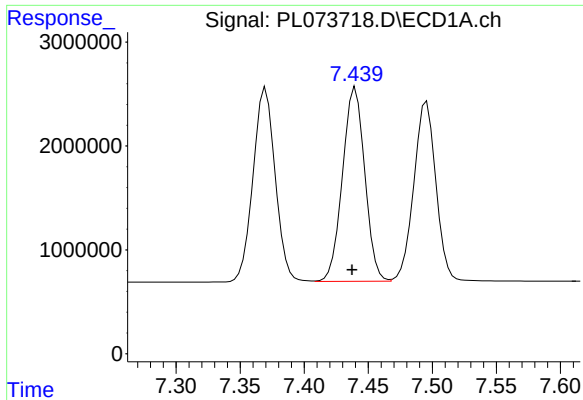
#10 gamma-Chlordane

R.T.: 7.370 min
Delta R.T.: 0.002 min
Response: 22476097
Conc: 51.40 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 108720462
Conc: 53.23 ng/ml



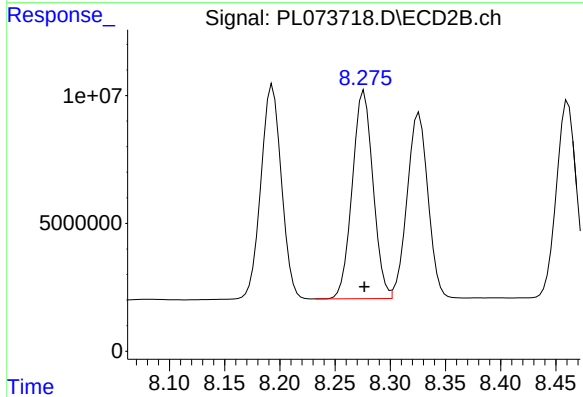
#11 alpha-Chlordane

R.T.: 7.440 min
Delta R.T.: 0.003 min
Response: 22611902
Conc: 51.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143708BS

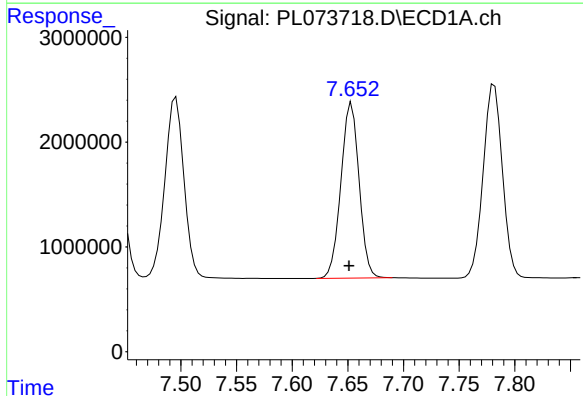
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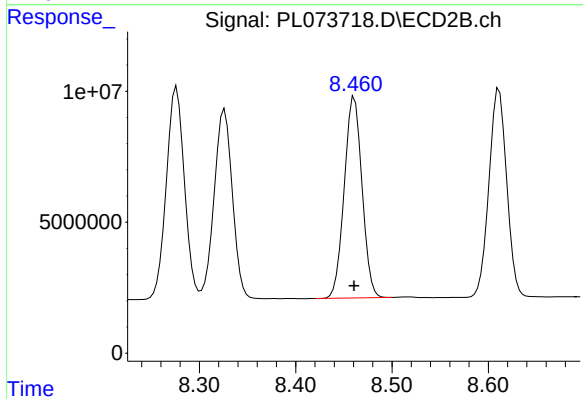
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 106354931
Conc: 53.18 ng/ml



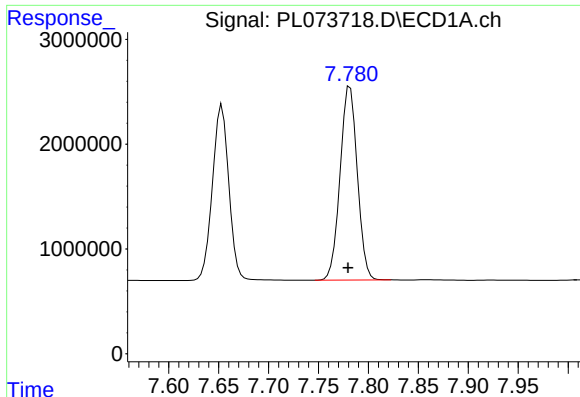
#12 4,4'-DDE

R.T.: 7.653 min
Delta R.T.: 0.002 min
Response: 19034823
Conc: 53.05 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 98226509
Conc: 54.80 ng/ml



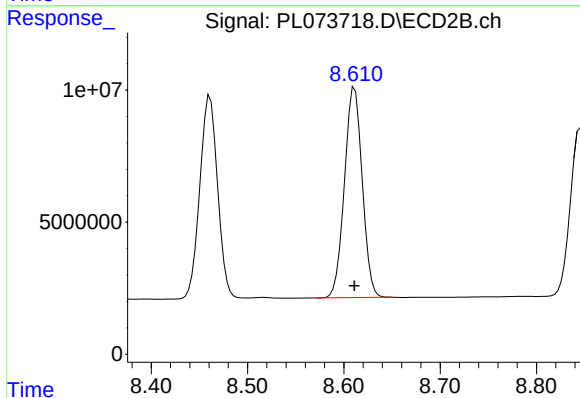
#13 Dieldrin

R.T.: 7.782 min
Delta R.T.: 0.002 min
Response: 22245330
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143708BS

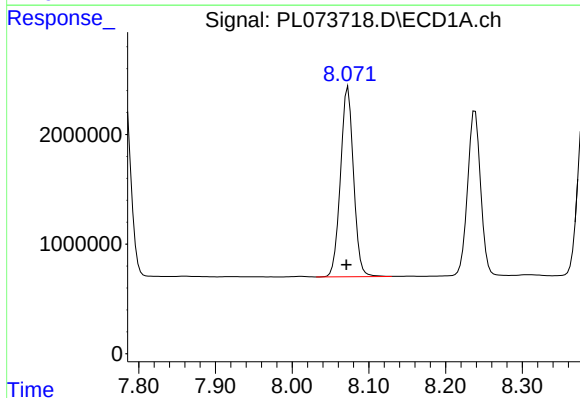
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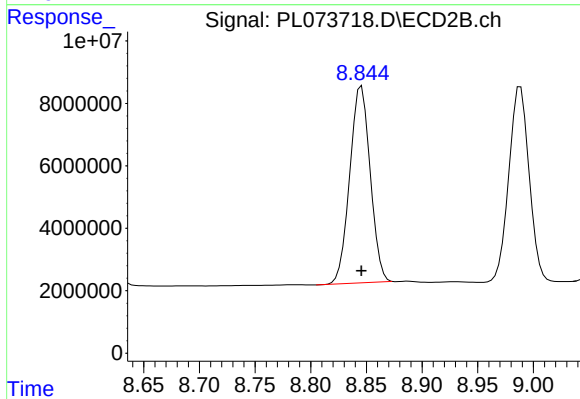
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 101730123
Conc: 55.15 ng/ml



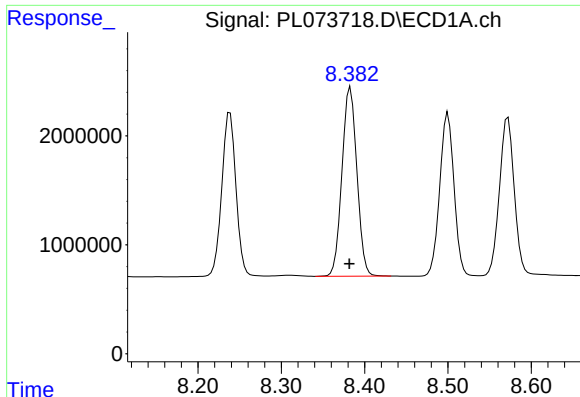
#14 Endrin

R.T.: 8.073 min
Delta R.T.: 0.002 min
Response: 20483170
Conc: 52.79 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 80839206
Conc: 52.51 ng/ml



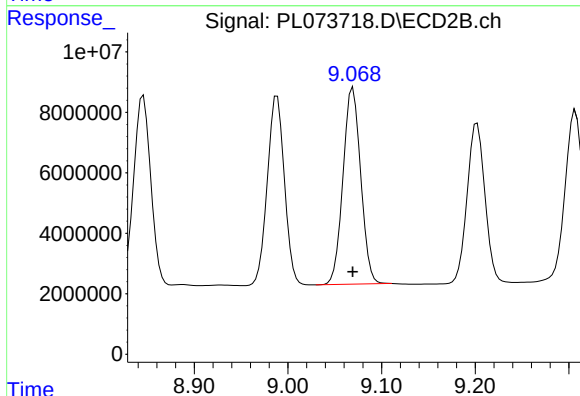
#15 Endosulfan II

R.T.: 8.383 min
Delta R.T.: 0.001 min
Response: 21568318
Conc: 55.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143708BS

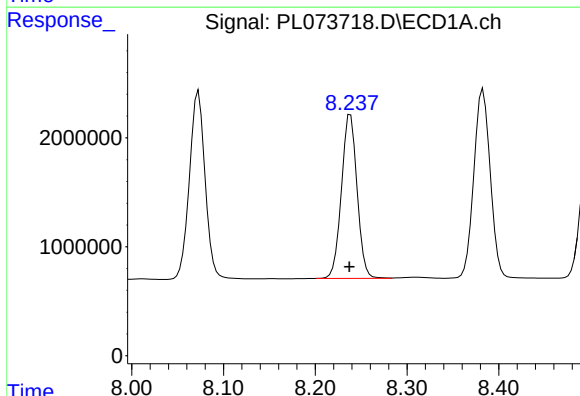
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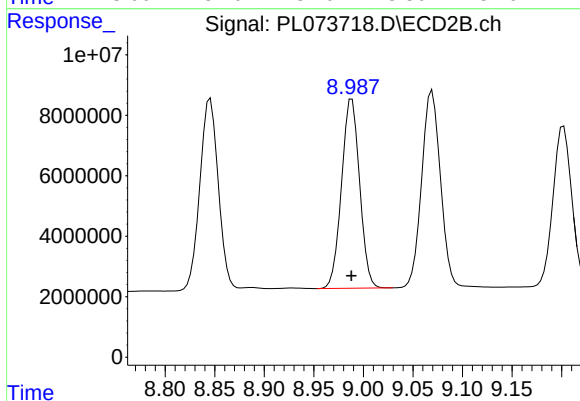
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 85402507
Conc: 55.61 ng/ml



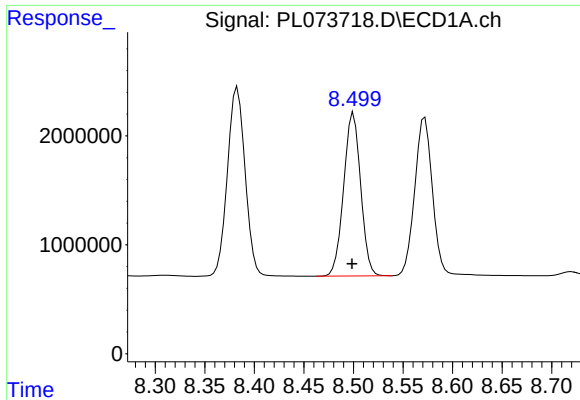
#16 4,4'-DDD

R.T.: 8.238 min
Delta R.T.: 0.001 min
Response: 17766799
Conc: 54.71 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 79465726
Conc: 54.44 ng/ml



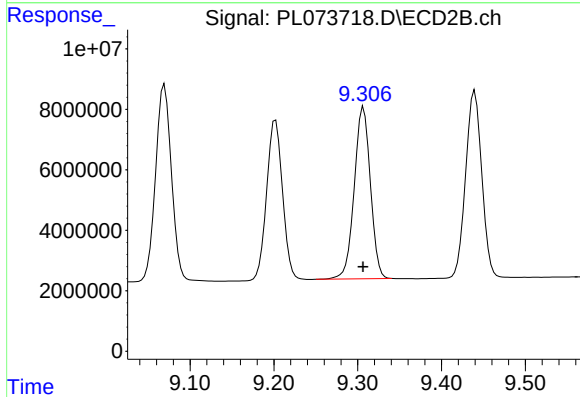
#17 4,4'-DDT

R.T.: 8.500 min
Delta R.T.: 0.001 min
Response: 17856394
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143708BS

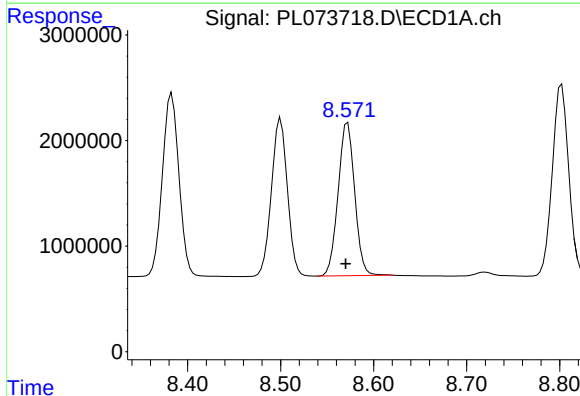
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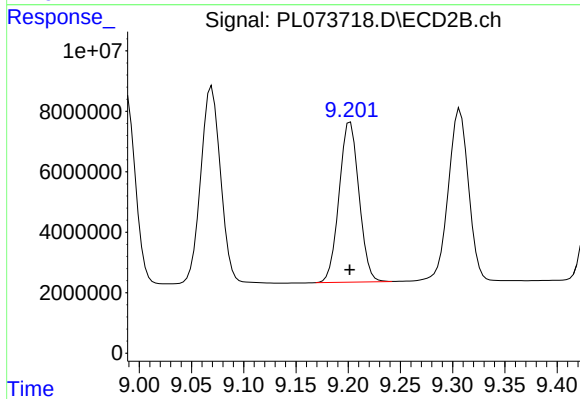
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 76260133
Conc: 46.66 ng/ml



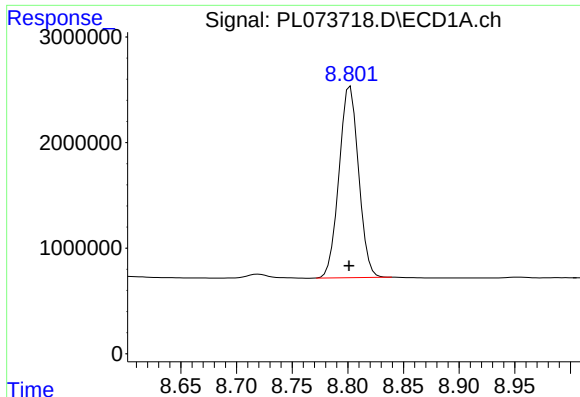
#18 Endrin aldehyde

R.T.: 8.572 min
Delta R.T.: 0.002 min
Response: 17927536
Conc: 56.69 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 70008324
Conc: 57.09 ng/ml m



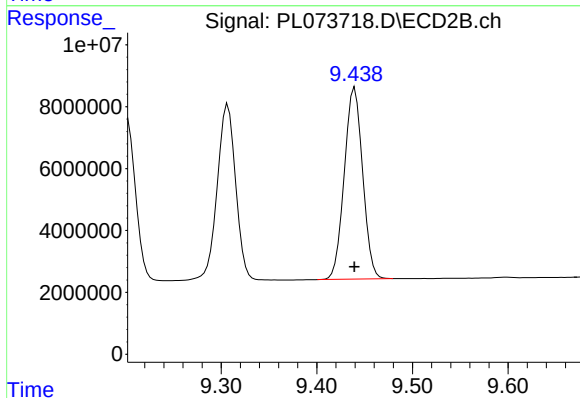
#19 Endosulfan Sulfate

R.T.: 8.802 min
Delta R.T.: 0.001 min
Response: 22186281
Conc: 52.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143708BS

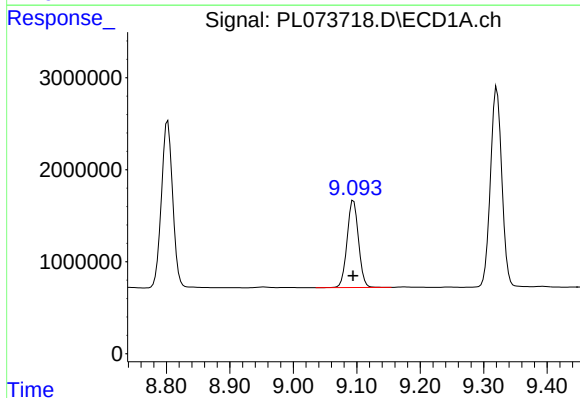
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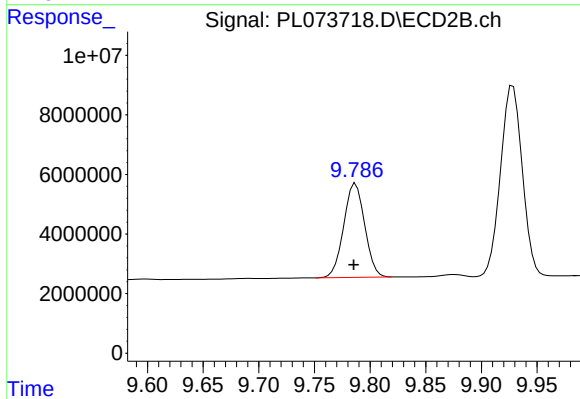
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 82983155
Conc: 52.65 ng/ml



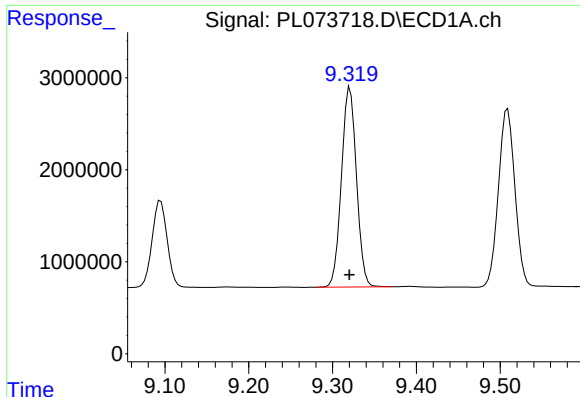
#20 Methoxychlor

R.T.: 9.095 min
Delta R.T.: 0.000 min
Response: 11849738
Conc: 46.19 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 41425272
Conc: 45.97 ng/ml



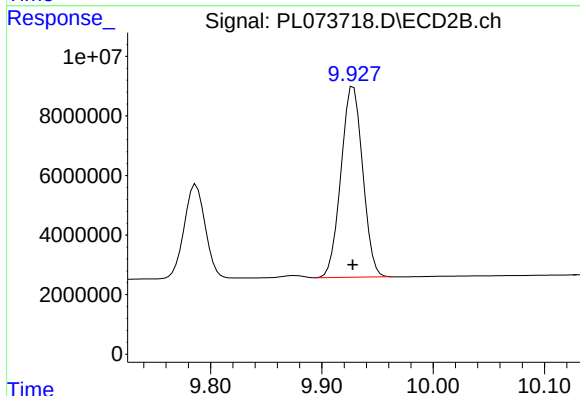
#21 Endrin ketone

R.T.: 9.321 min
Delta R.T.: 0.000 min
Response: 27041647
Conc: 55.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143708BS

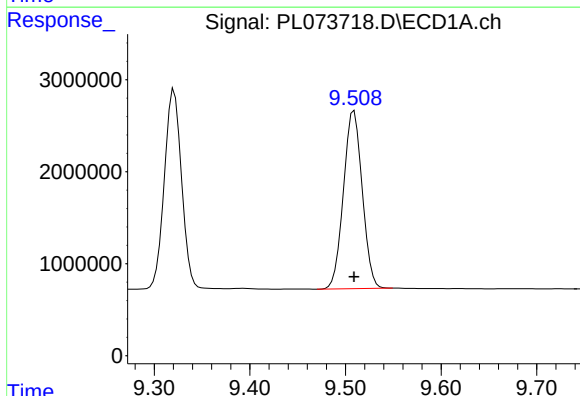
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Supervised By :mohammad ahmed 03/30/2022



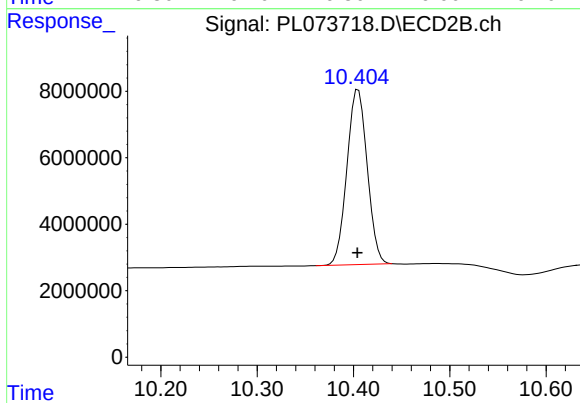
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 87017070
Conc: 52.72 ng/ml



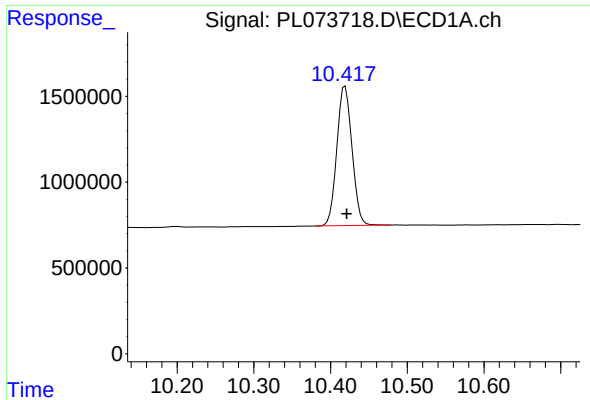
#22 Mirex

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 26465638
Conc: 56.12 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 76998578
Conc: 56.68 ng/ml



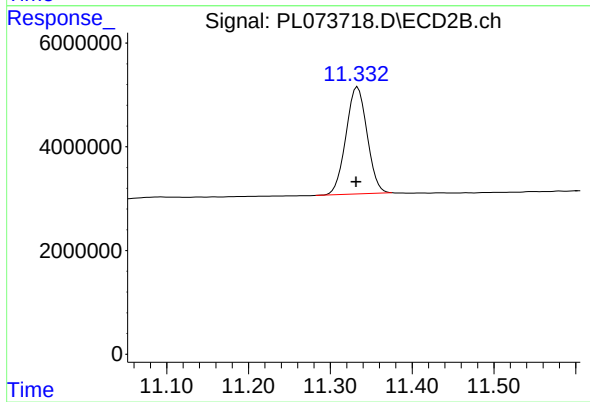
#28 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: -0.002 min
Response: 11184884
Conc: 22.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143708BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/30/2022
Supervised By :mohammad ahmed 03/30/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.002 min
Response: 36971704
Conc: 20.68 ng/ml