

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
 Data File : PL073634.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2022 00:49
 Operator : AR\AJ
 Sample : N2063-09MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-8-(10-10.5)MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/24/2022
 Supervised By :mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:36:32 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...	4.640	5.492	5984305	31869925	18.684	19.418
28)	SA Decachlor...	10.416	11.332	9942432	34508873	19.553	19.298
Target Compounds							
2)	A alpha-BHC	5.349	6.055	19934932	118.8E6	48.362	52.791
3)	MA gamma-BHC...	5.772	6.444	19736406	110.5E6	47.314	51.734
4)	MA Heptachlor	6.184	7.103	20800890	114.5E6	46.101	48.881
5)	MB Aldrin	6.509	7.471	20137260	110.3E6	48.739	52.666
6)	B beta-BHC	6.153	6.680	9800742	48936301	47.600	46.947
7)	B delta-BHC	6.414	6.948	19824062	110.2E6	49.357	51.170
8)	B Heptachlo...	7.086	7.927	20697710	101.2E6	48.025	50.687
9)	A Endosulfan I	7.489	8.327	19562330	89885096	47.688	49.241
10)	B gamma-Chl...	7.364	8.195	21149493	101.9E6	48.364	49.894
11)	B alpha-Chl...	7.433	8.277	21312427	99714857	48.226	49.857
12)	B 4,4'-DDE	7.647	8.461	17372690	91327625	48.414	50.953
13)	MA Dieldrin	7.776	8.612	20970078	95297184	50.333	51.659
14)	MA Endrin	8.067	8.846	20251127	80770113	52.193	52.468
15)	B Endosulfa...	8.378	9.070	20205366	80045379	51.692	52.118
16)	A 4,4'-DDD	8.233	8.988	15450222	71421227	47.577	48.928
17)	MA 4,4'-DDT	8.495	9.307	17445159	75869905	46.129	46.417
18)	B Endrin al...	8.567	9.201	14425176	56919223	45.613	46.415m
19)	B Endosulfa...	8.796	9.440	20201269	76372305	47.822m	48.457
20)	A Methoxychlor	9.090	9.787	11785768	42363585	45.942	47.015
21)	B Endrin ke...	9.316	9.928	23908910	79145898	48.871	47.950
22)	Mirex	9.505	10.405	22472900	65606645	47.656	48.295

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
Data File : PL073634.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2022 00:49
Operator : AR\AJ
Sample : N2063-09MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

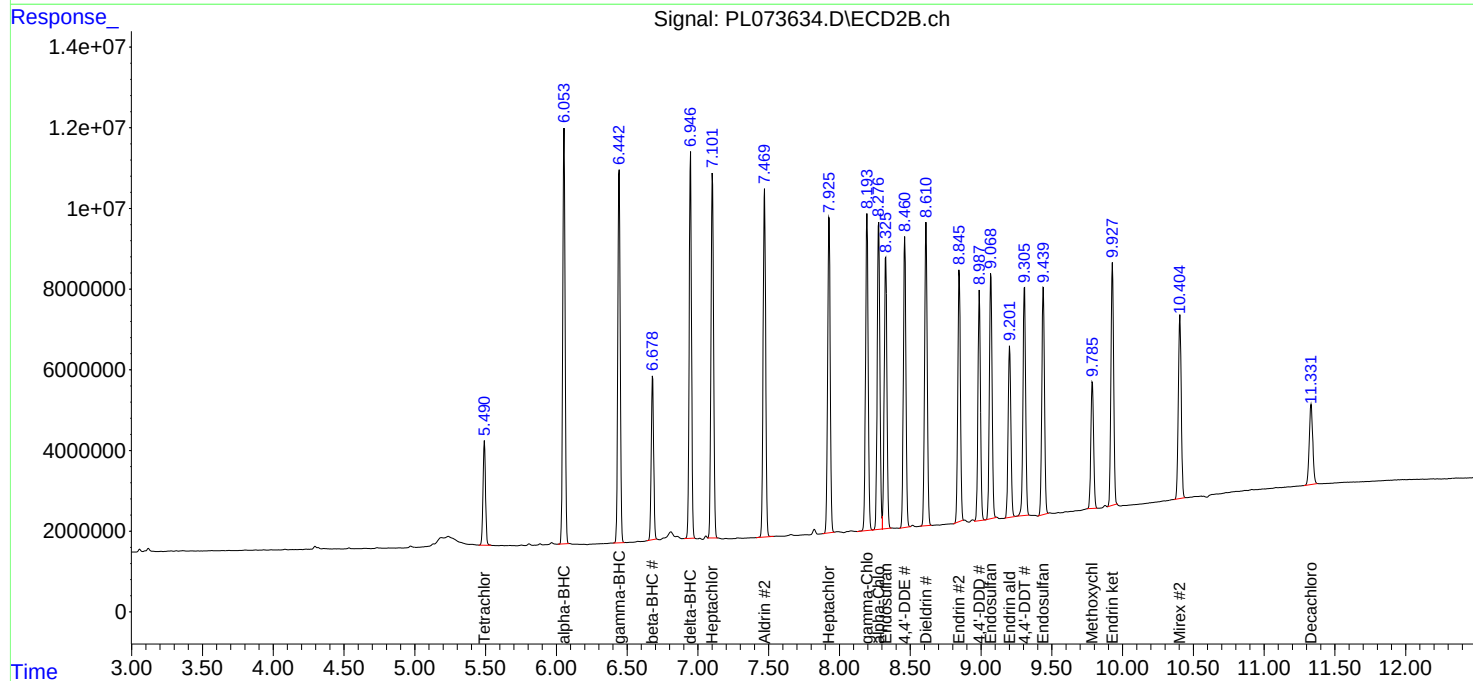
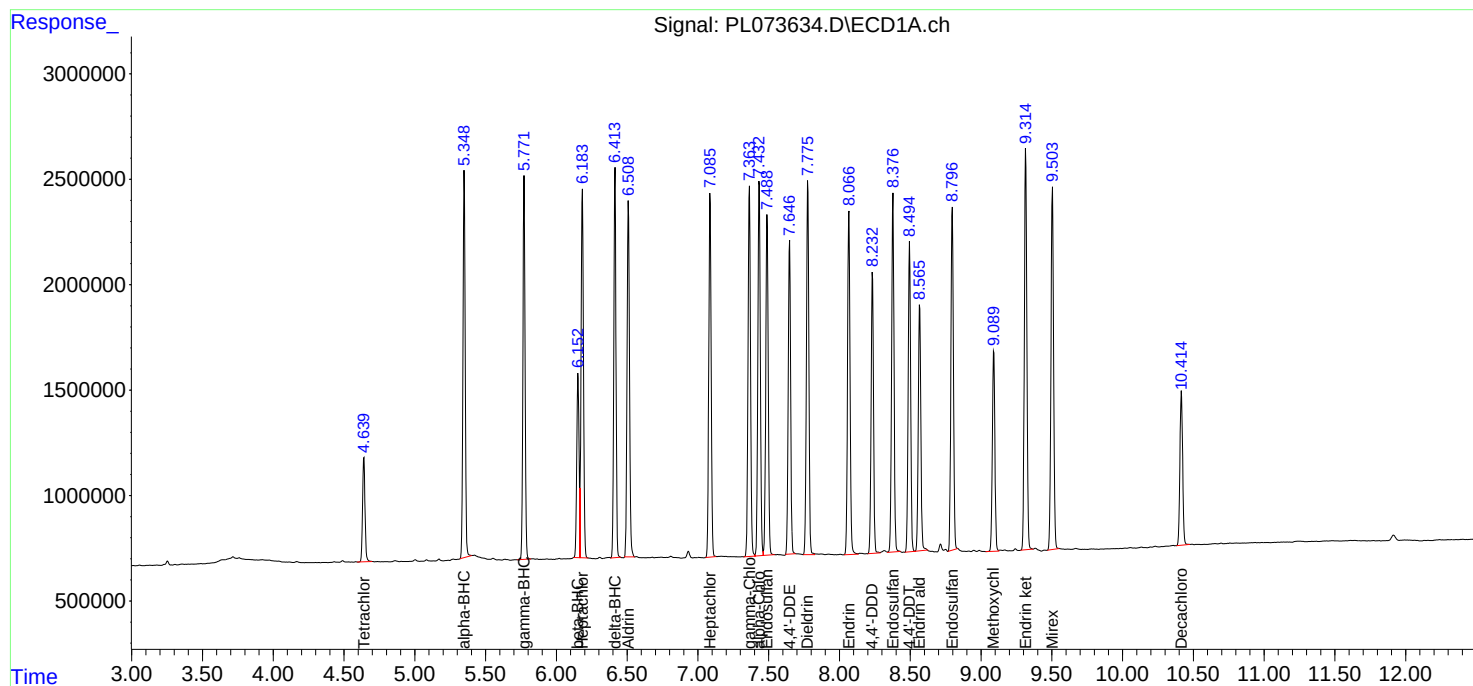
Instrument :
ECD_L
ClientSampleId :
WC-8-(10-10.5)MSD

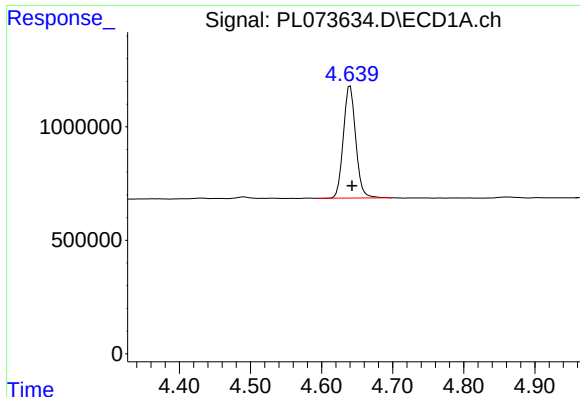
Manual Integrations
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Supervised By :mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 24 04:36:32 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





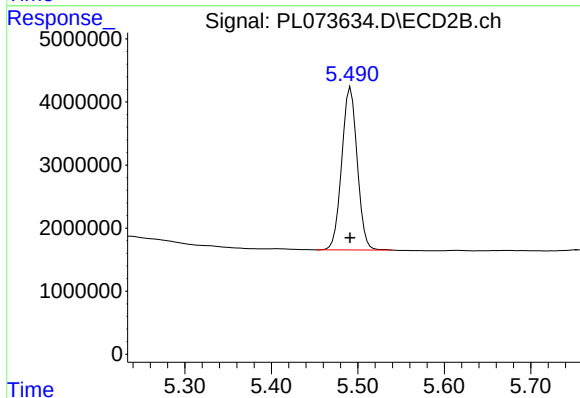
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 5984305
Conc: 18.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-(10-10.5)MSD

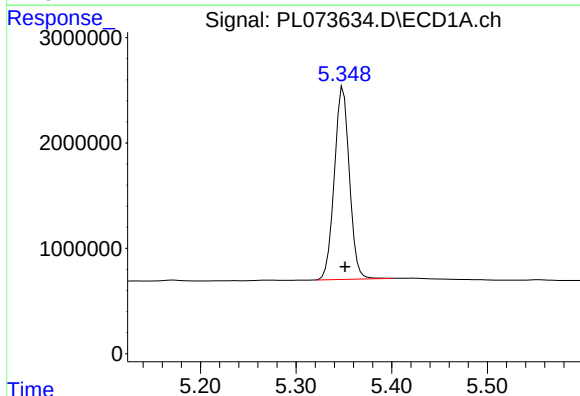
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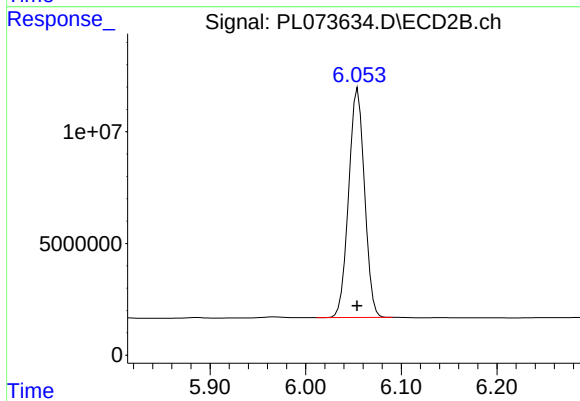
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 31869925
Conc: 19.42 ng/ml



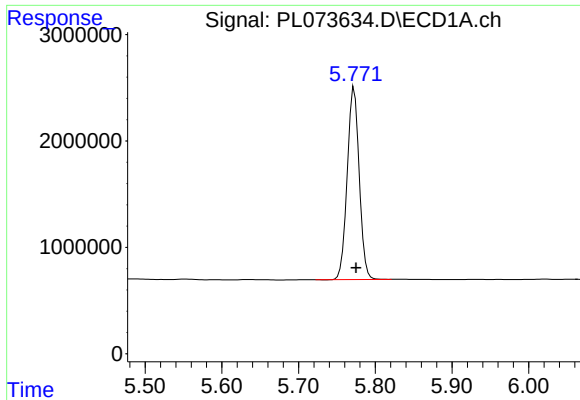
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 19934932
Conc: 48.36 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 118762390
Conc: 52.79 ng/ml



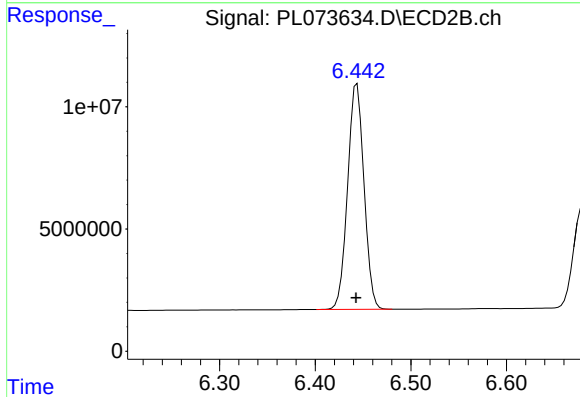
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 19736406
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-(10-10.5)MSD

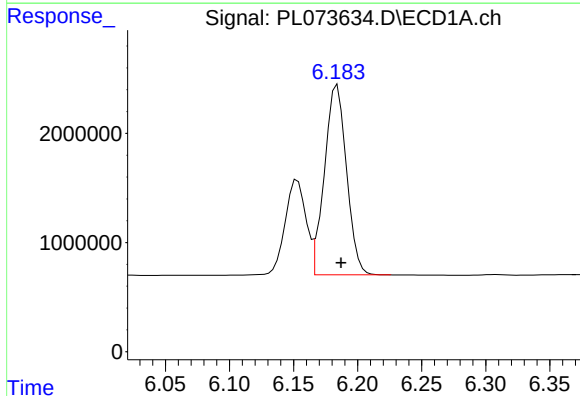
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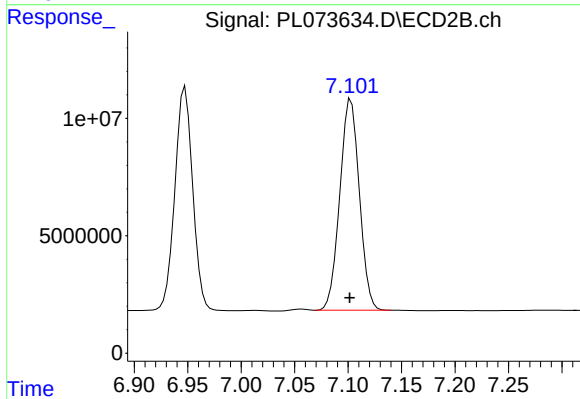
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 110455808
Conc: 51.73 ng/ml



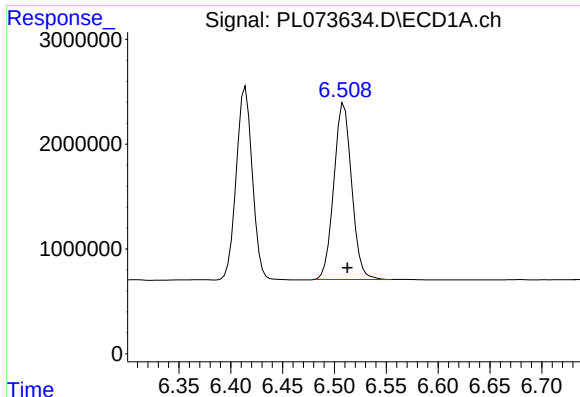
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 20800890
Conc: 46.10 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 114532037
Conc: 48.88 ng/ml



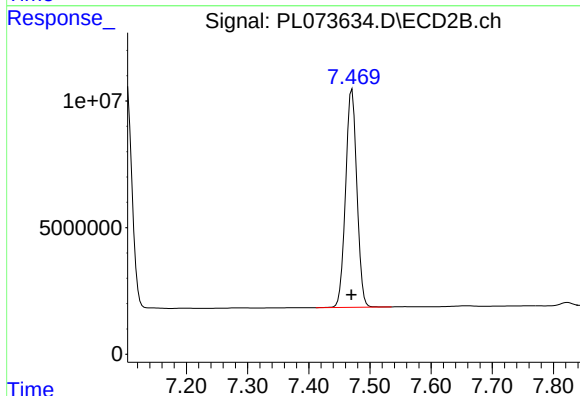
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 20137260
Conc: 48.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-(10-10.5)MSD

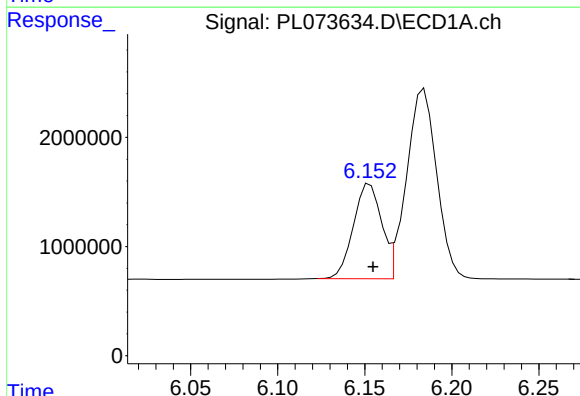
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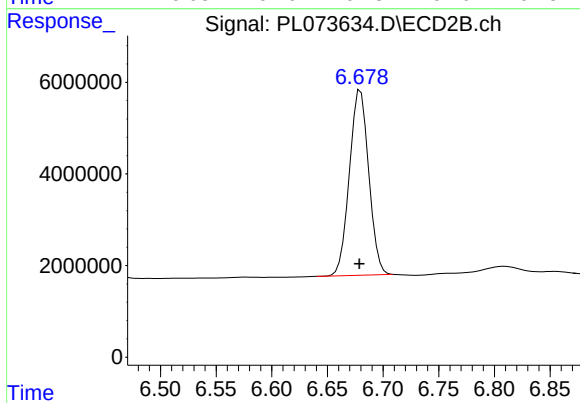
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 110335121
Conc: 52.67 ng/ml



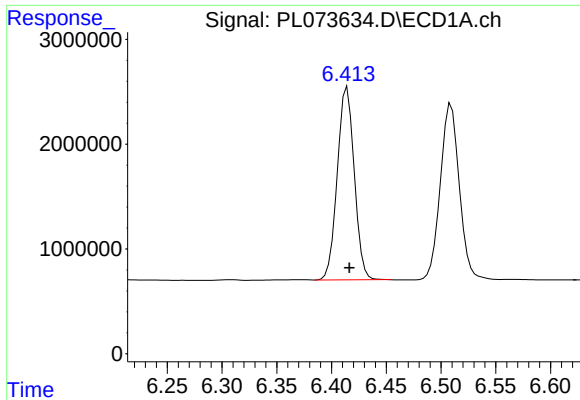
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 9800742
Conc: 47.60 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 48936301
Conc: 46.95 ng/ml



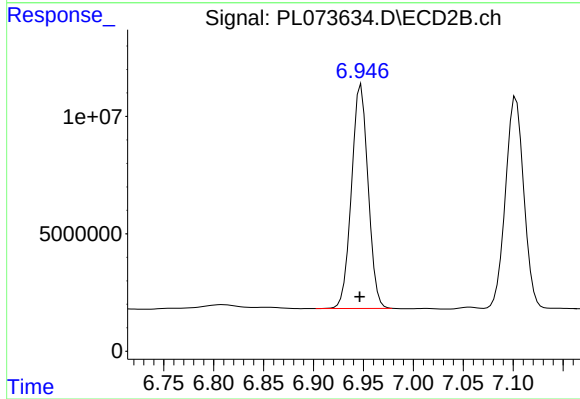
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 19824062
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-(10-10.5)MSD

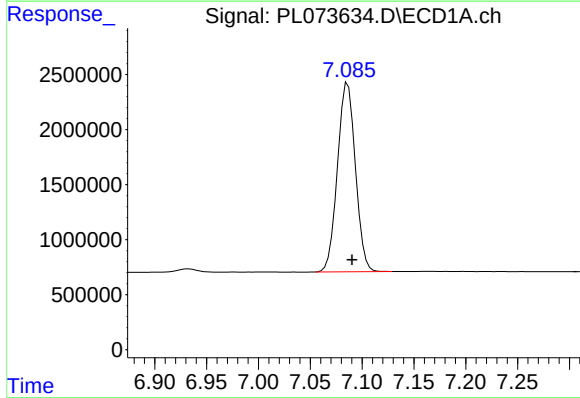
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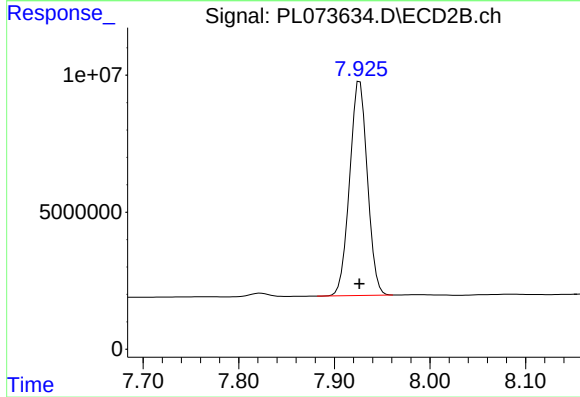
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.001 min
Response: 110198353
Conc: 51.17 ng/ml



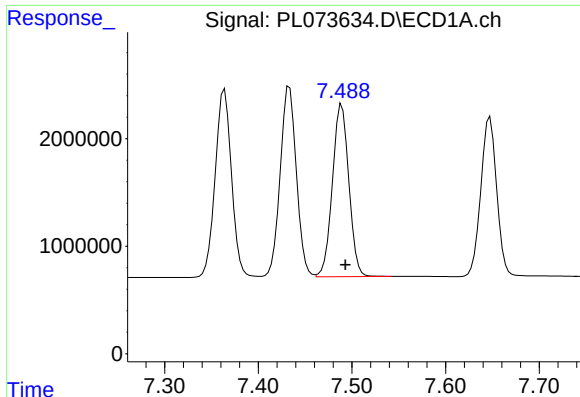
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 20697710
Conc: 48.02 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 101237856
Conc: 50.69 ng/ml



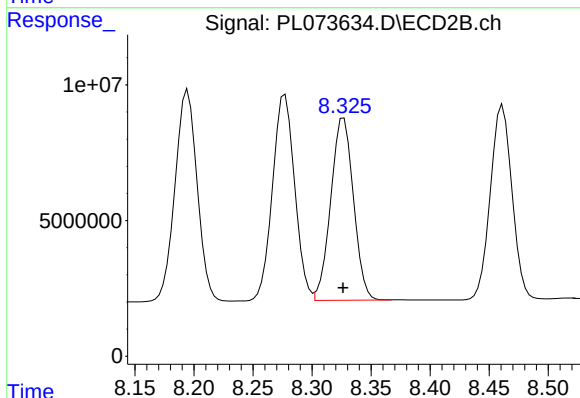
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 19562330
Conc: 47.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-(10-10.5)MSD

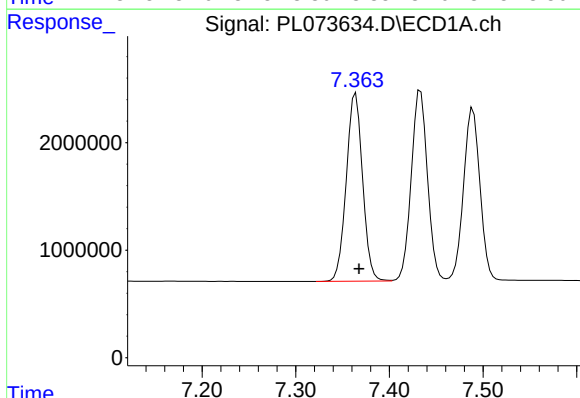
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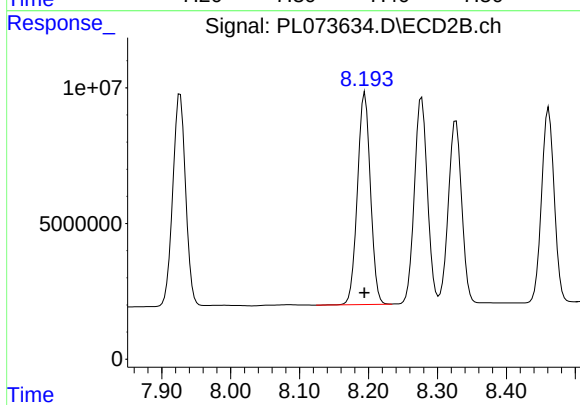
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 89885096
Conc: 49.24 ng/ml



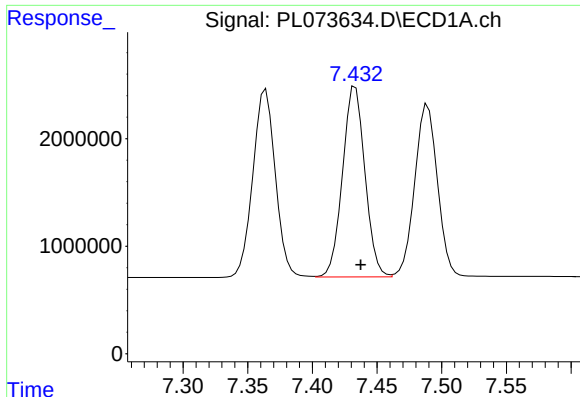
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 21149493
Conc: 48.36 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 101904687
Conc: 49.89 ng/ml



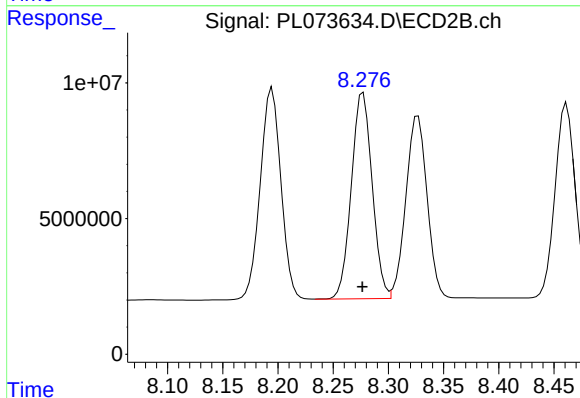
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 21312427
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-(10-10.5)MSD

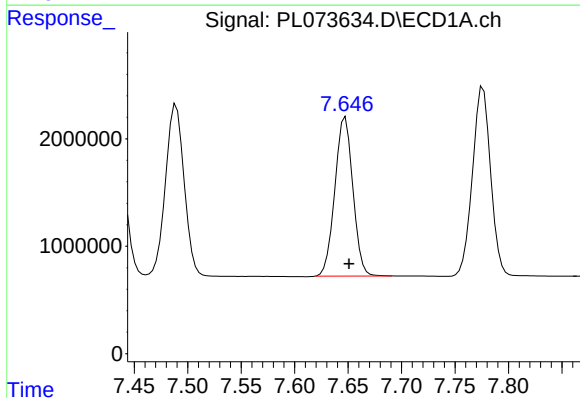
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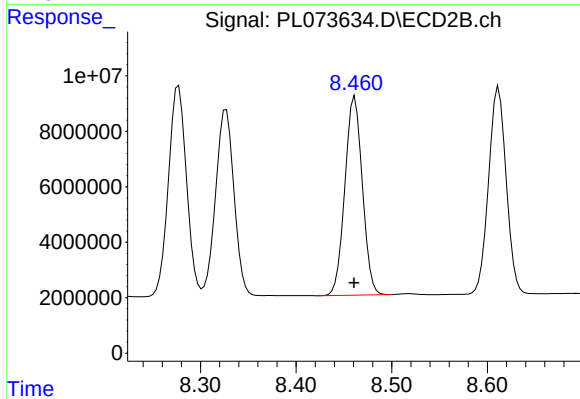
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 99714857
Conc: 49.86 ng/ml



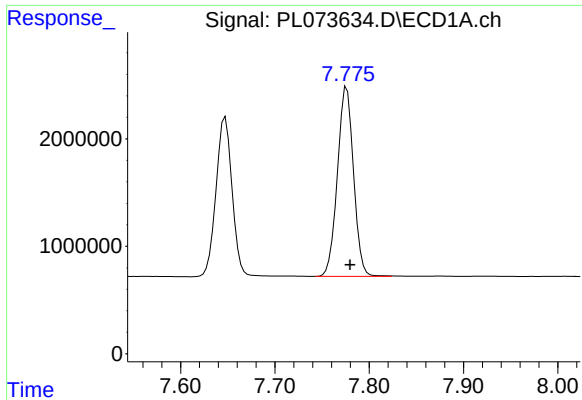
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.003 min
Response: 17372690
Conc: 48.41 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 91327625
Conc: 50.95 ng/ml



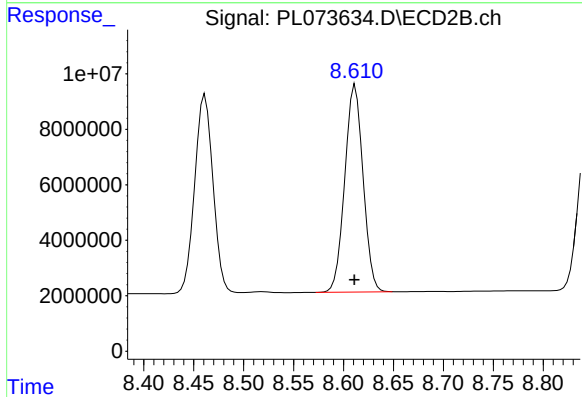
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.003 min
Response: 20970078
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-(10-10.5)MSD

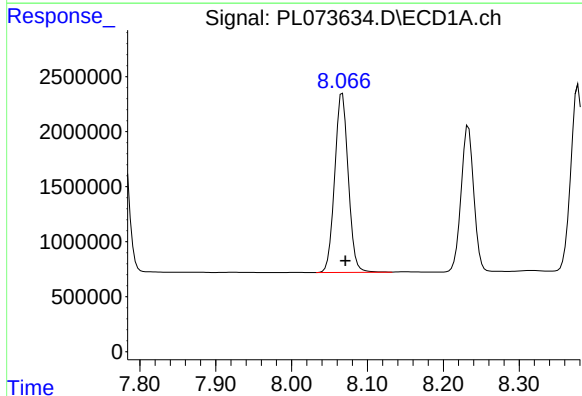
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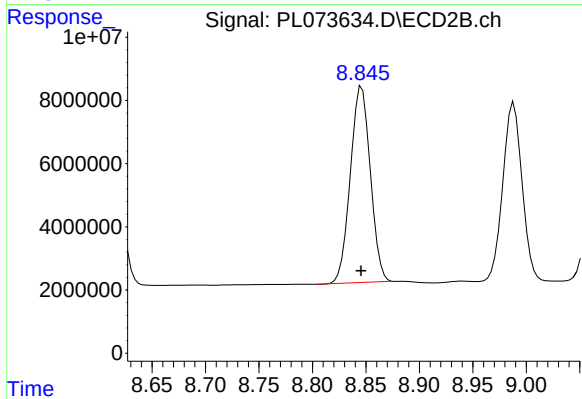
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 95297184
Conc: 51.66 ng/ml



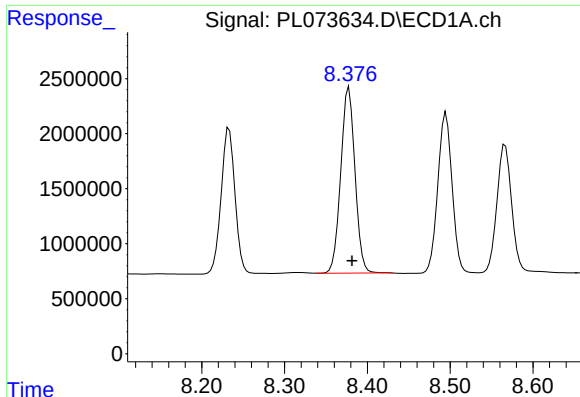
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 20251127
Conc: 52.19 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 80770113
Conc: 52.47 ng/ml



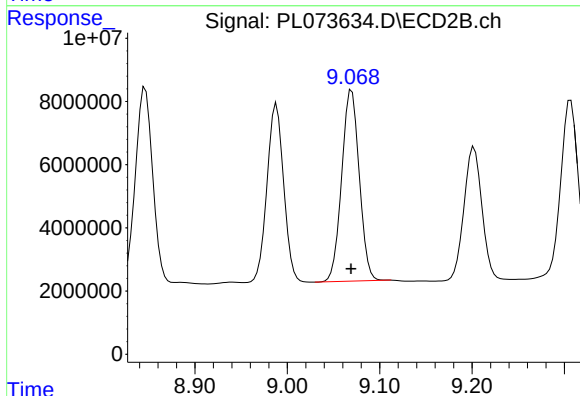
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.004 min
Response: 20205366
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-(10-10.5)MSD

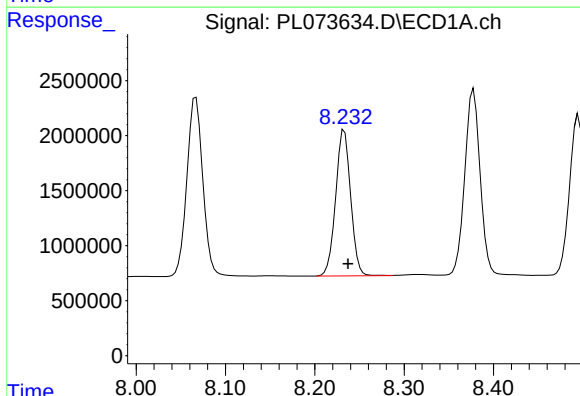
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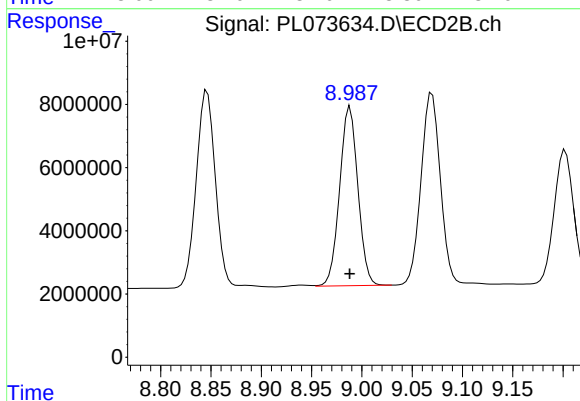
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 80045379
Conc: 52.12 ng/ml



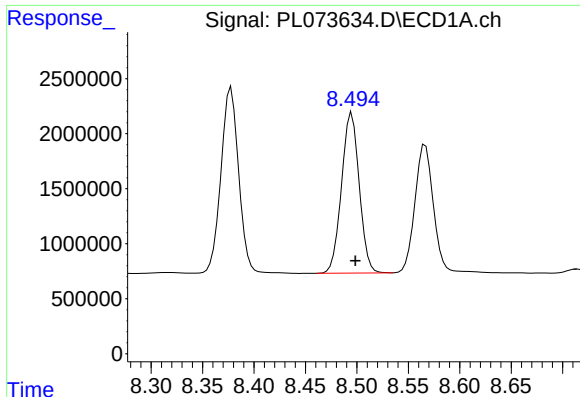
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 15450222
Conc: 47.58 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 71421227
Conc: 48.93 ng/ml



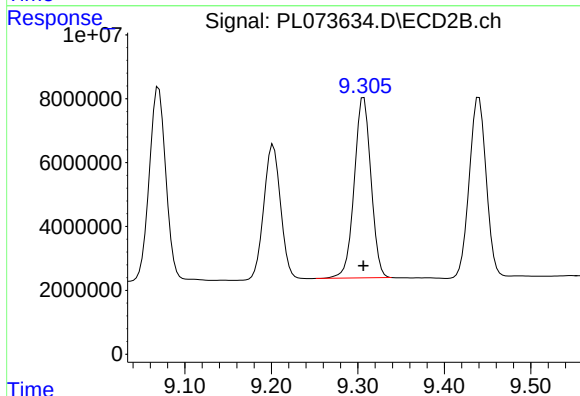
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 17445159
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-(10-10.5)MSD

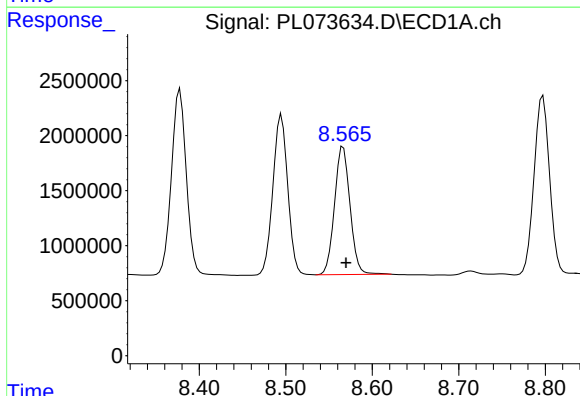
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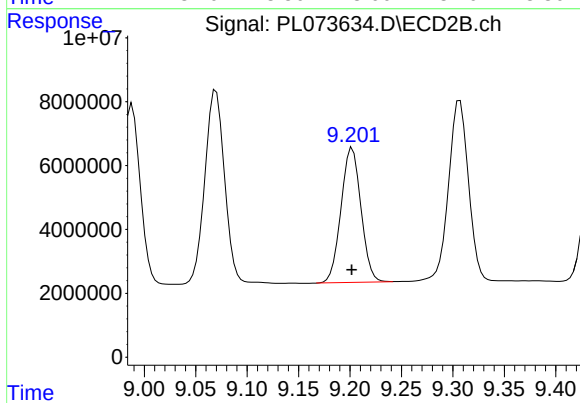
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 75869905
Conc: 46.42 ng/ml



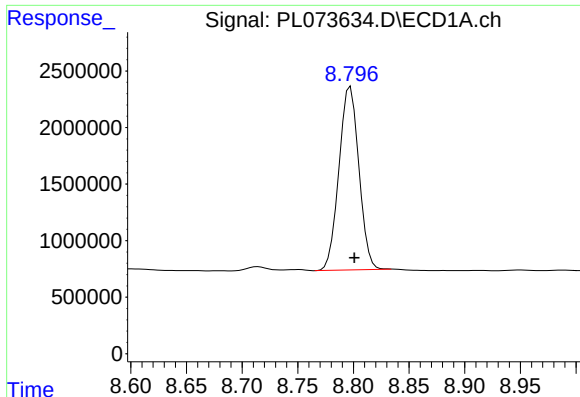
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 14425176
Conc: 45.61 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 56919223
Conc: 46.41 ng/ml m



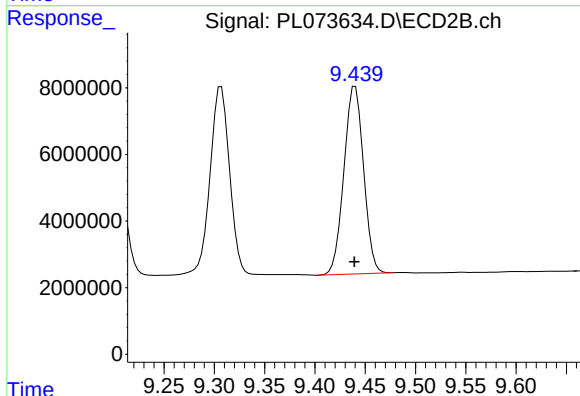
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 20201269
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-(10-10.5)MSD

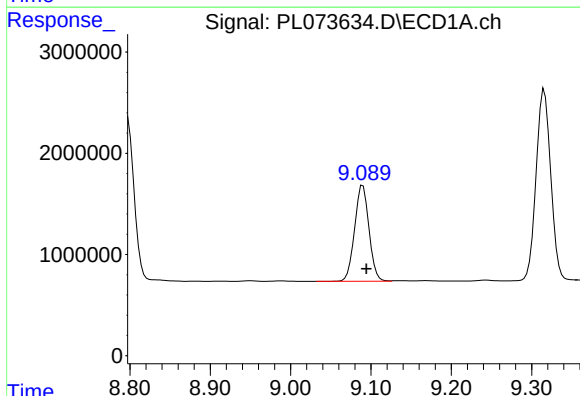
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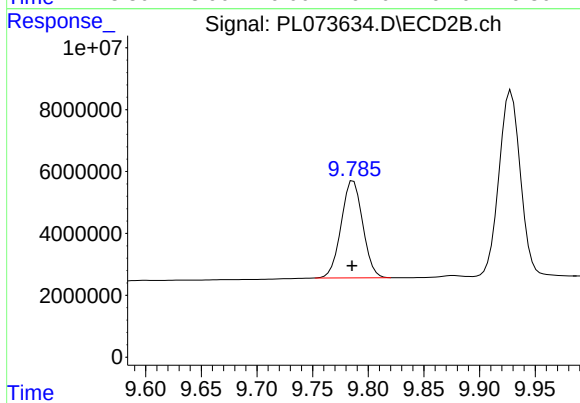
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 76372305
Conc: 48.46 ng/ml



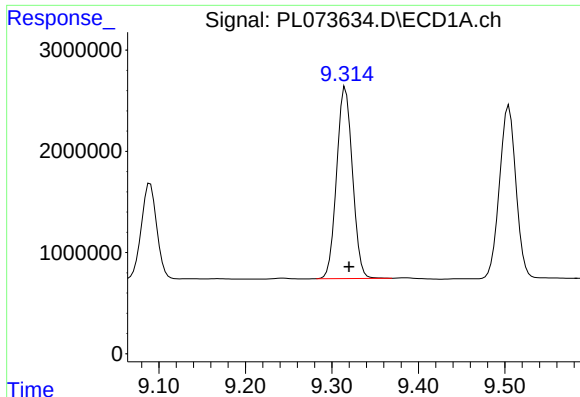
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: -0.005 min
Response: 11785768
Conc: 45.94 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.001 min
Response: 42363585
Conc: 47.01 ng/ml



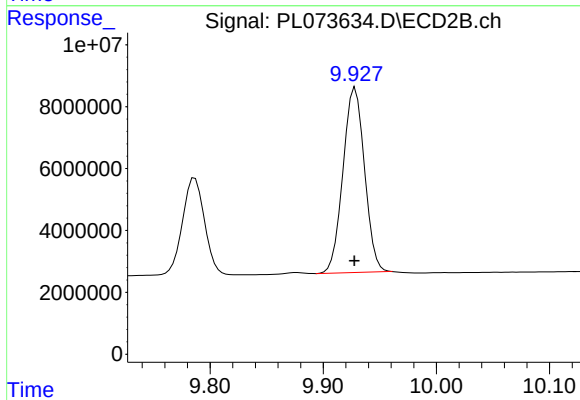
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 23908910
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-(10-10.5)MSD

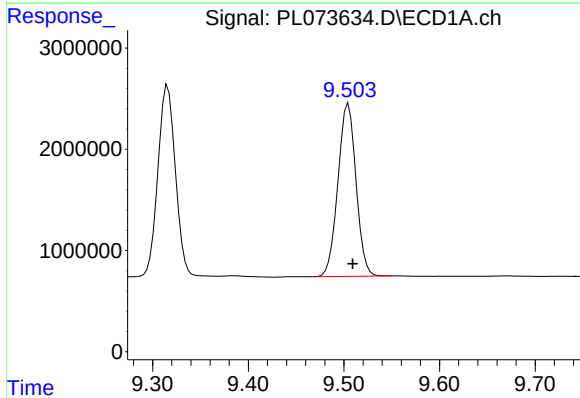
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2022
Supervised By :mohammad ahmed 03/25/2022



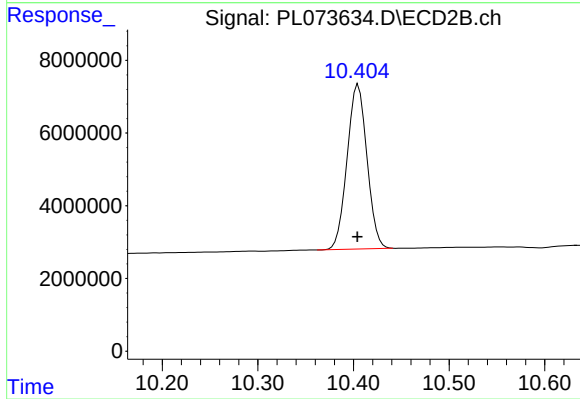
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 79145898
Conc: 47.95 ng/ml



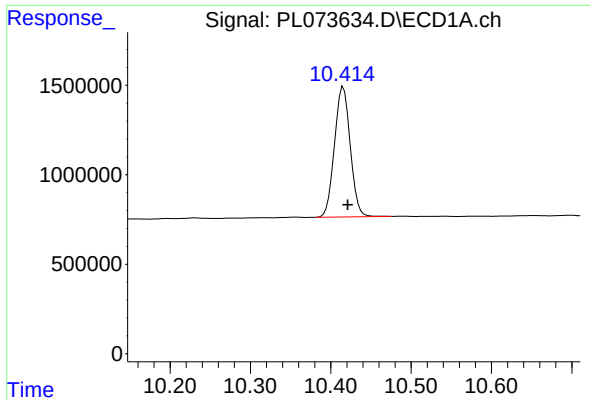
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.005 min
Response: 22472900
Conc: 47.66 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 65606645
Conc: 48.29 ng/ml



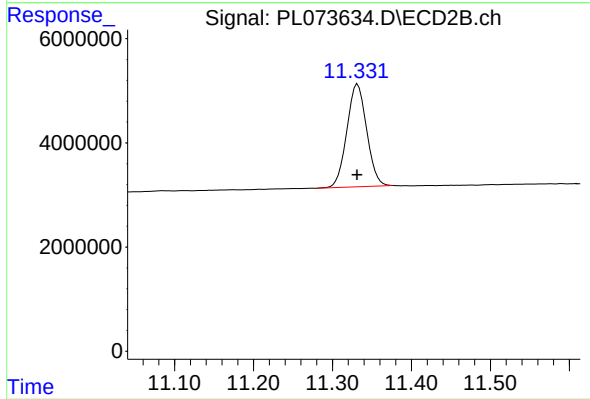
#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 9942432
Conc: 19.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-(10-10.5)MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 34508873
Conc: 19.30 ng/ml