

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040122\
 Data File : PL073788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2022 19:55
 Operator : AR\AJ
 Sample : N2202-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MHEMSD

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 23:45:31 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	5593253	32899167	17.463	20.045
28)	SA Decachlor...	10.415	11.335	9437805	32687109	18.560	18.280
Target Compounds							
2)	A alpha-BHC	5.349	6.055	21185894	137.0E6	51.397	60.903
3)	MA gamma-BHC...	5.772	6.444	21109536	125.6E6	50.606	58.832
4)	MA Heptachlor	6.184	7.103	20487078	129.0E6	45.406	55.058
5)	MB Aldrin	6.509	7.471	20479384	121.5E6	49.567	57.992
6)	B beta-BHC	6.151	6.680	9813048	54065562	47.660m	51.868
7)	B delta-BHC	6.414	6.949	20935325	131.3E6	52.124	60.956
8)	B Heptachlo...	7.086	7.927	20959617	110.5E6	48.633	55.348
9)	A Endosulfan I	7.489	8.328	19631623	97765410	47.856	53.559
10)	B gamma-Chl...	7.363	8.196	21277826	111.0E6	48.657	54.360
11)	B alpha-Chl...	7.433	8.278	21309775	107.5E6	48.220	53.769
12)	B 4,4'-DDE	7.647	8.462	17532653	99433783	48.859	55.476
13)	MA Dieldrin	7.776	8.613	21030362	104.3E6	50.478	56.542
14)	MA Endrin	8.067	8.846	20634135	88030477	53.180	57.184m
15)	B Endosulfa...	8.378	9.071	20321199	85544455	51.989	55.699
16)	A 4,4'-DDD	8.233	8.990	15746370	77391713	48.489	53.019
17)	MA 4,4'-DDT	8.495	9.308	17735871	82877457	46.898	50.704
18)	B Endrin al...	8.567	9.202	16917108	70444746	53.493	57.444m
19)	B Endosulfa...	8.797	9.441	20566253	83501112	48.686	52.981
20)	A Methoxychlor	9.090	9.789	11872500	44701820	46.280	49.609
21)	B Endrin ke...	9.317	9.930	24357555	86285958	49.788	52.276
22)	Mirex	9.504	10.406	21753144	67701915	46.130	49.837

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

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 ALS Vial : 20 Sample Multiplier: 1

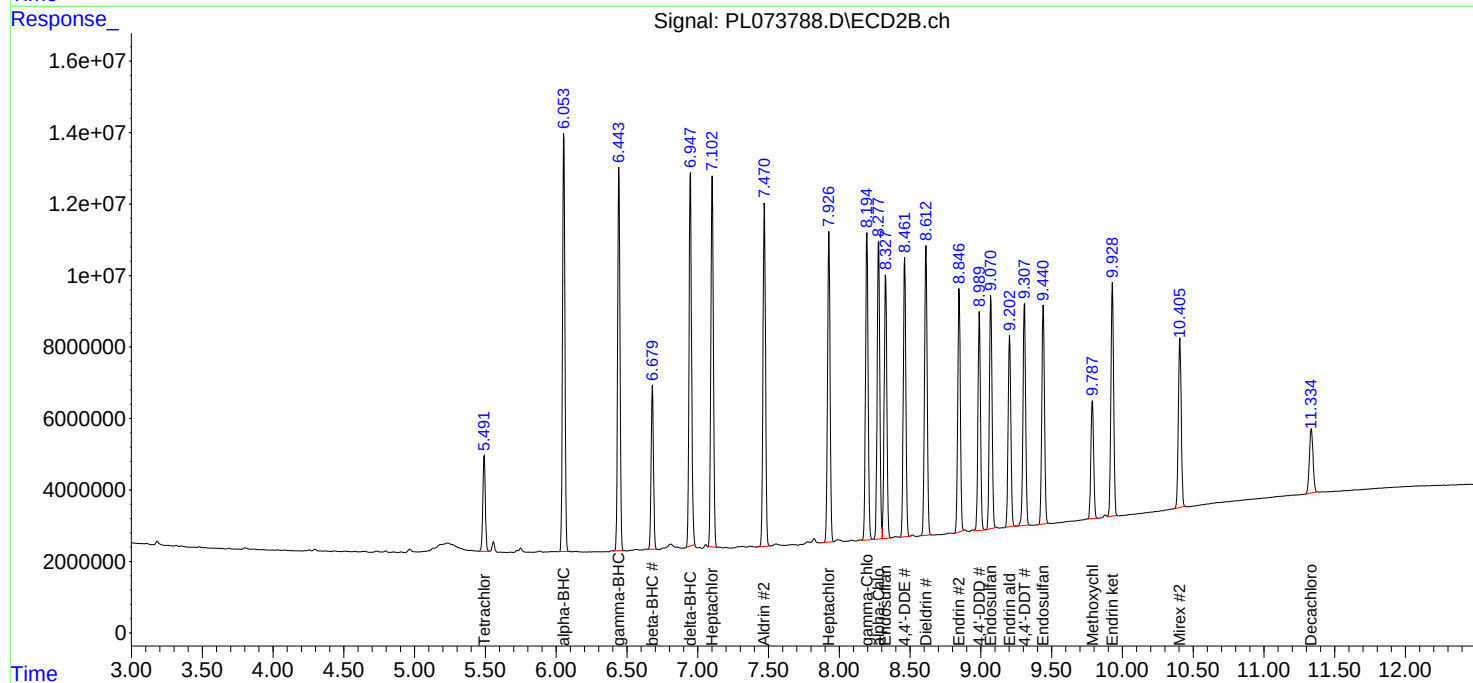
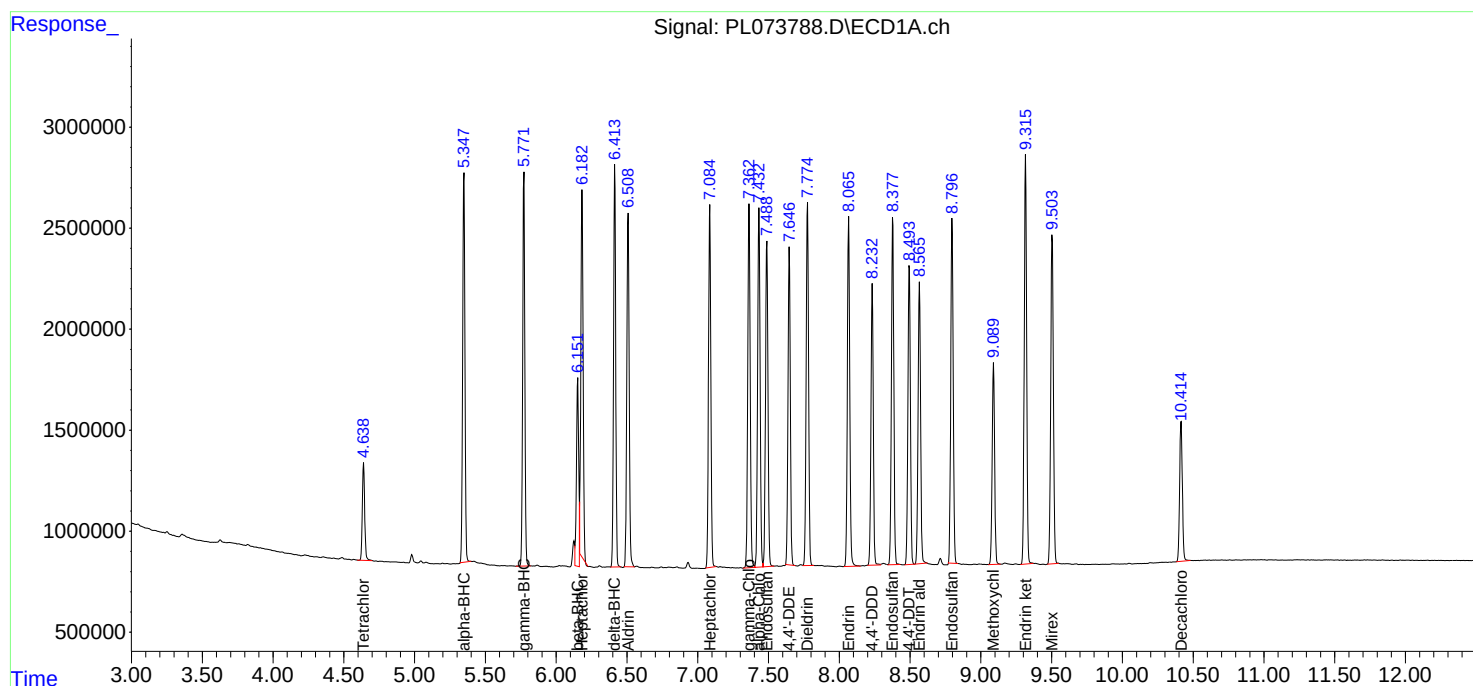
Instrument :
 ECD_L
 ClientSampleId :
 MHEMSD

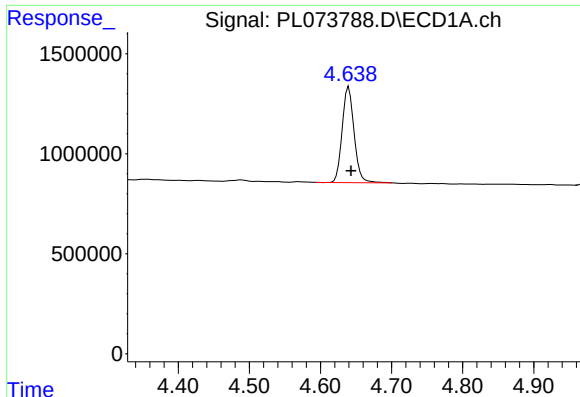
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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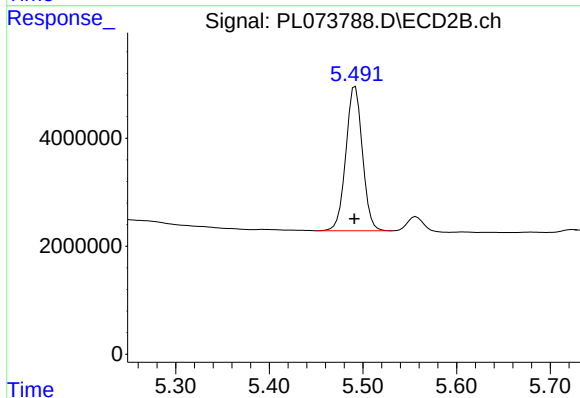
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 5593253
Conc: 17.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMSD

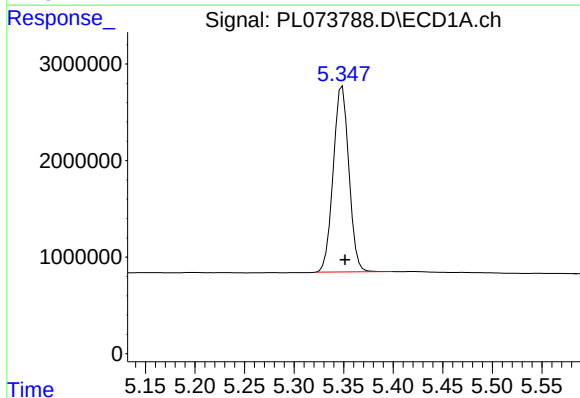
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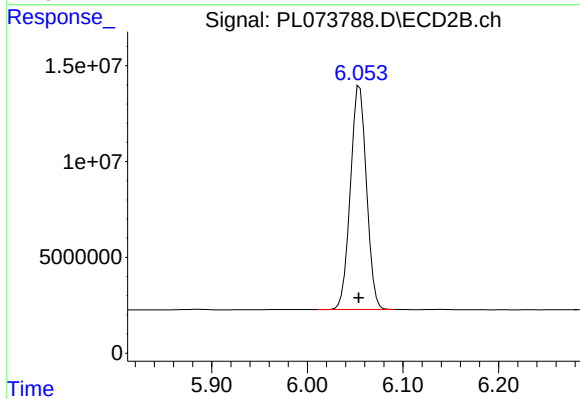
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 32899167
Conc: 20.05 ng/ml



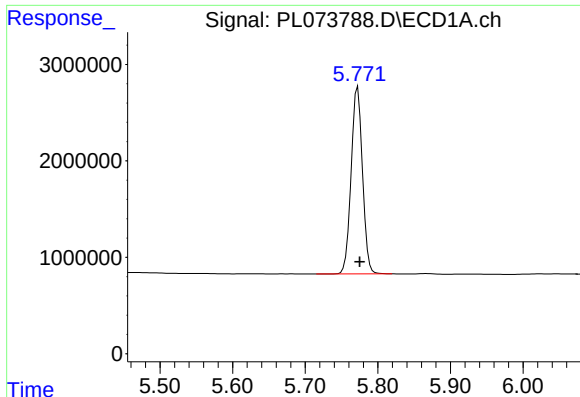
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.003 min
Response: 21185894
Conc: 51.40 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 137011495
Conc: 60.90 ng/ml



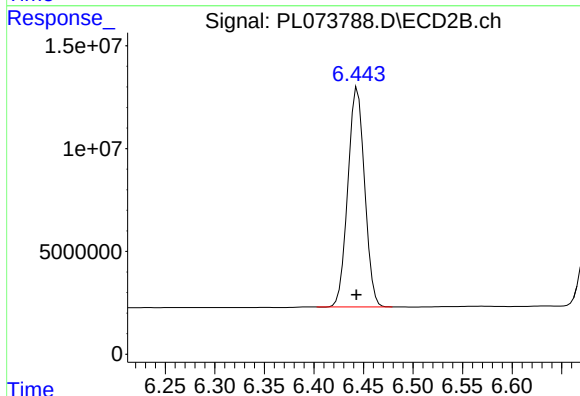
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 21109536
Conc: 50.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMSD

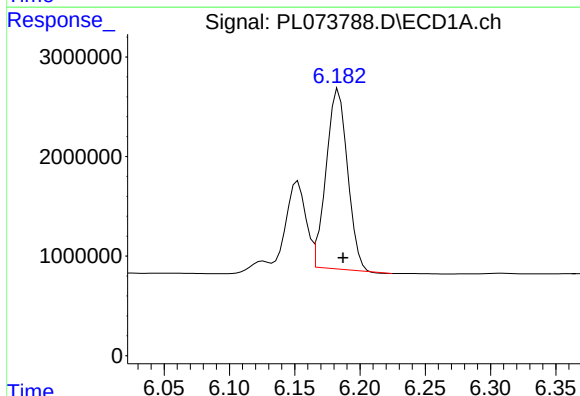
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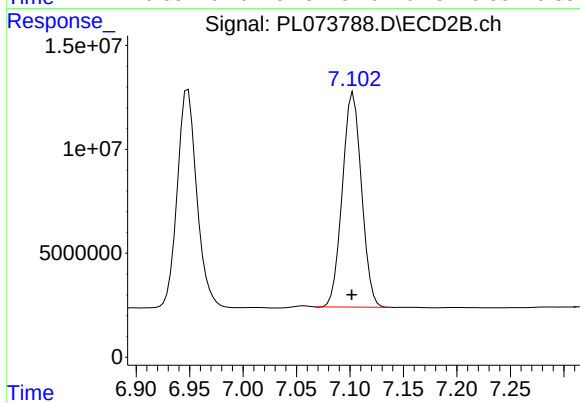
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 125610807
Conc: 58.83 ng/ml



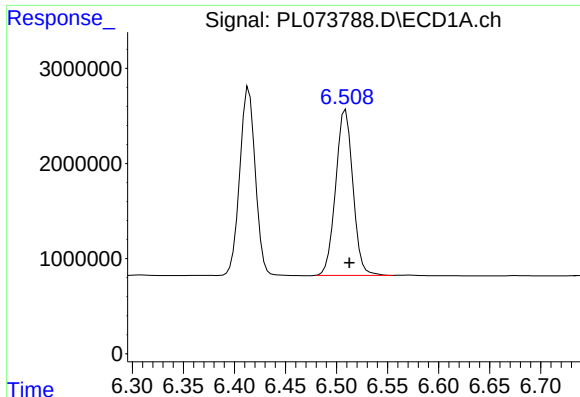
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 20487078
Conc: 45.41 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 129004919
Conc: 55.06 ng/ml



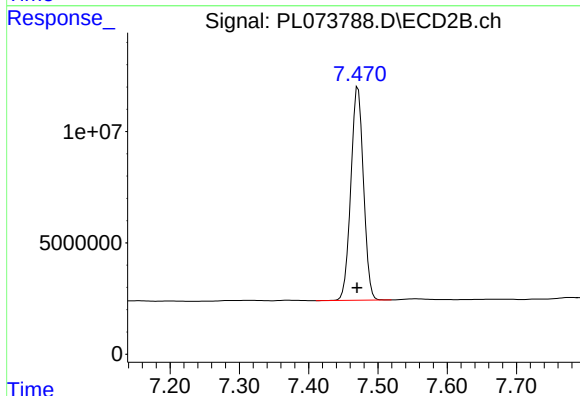
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.004 min
Response: 20479384
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMSD

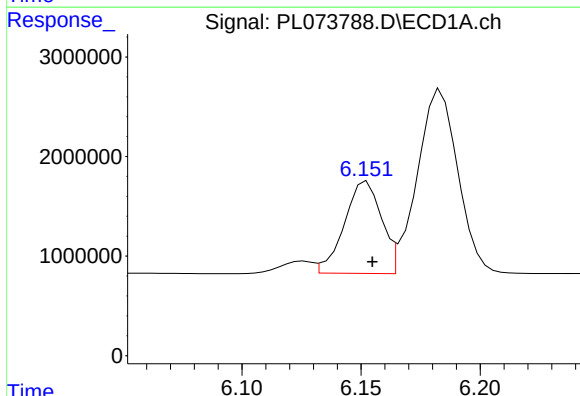
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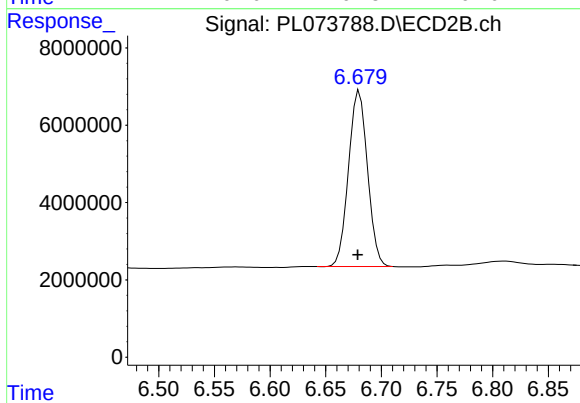
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 121491844
Conc: 57.99 ng/ml



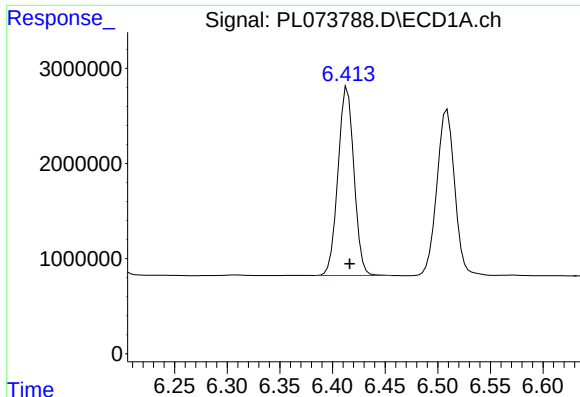
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 9813048
Conc: 47.66 ng/ml m



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 54065562
Conc: 51.87 ng/ml



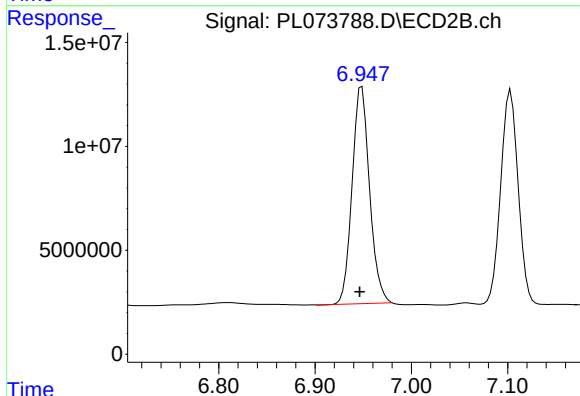
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 20935325
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMSD

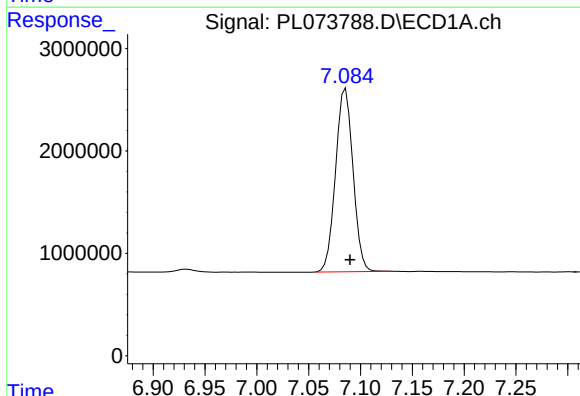
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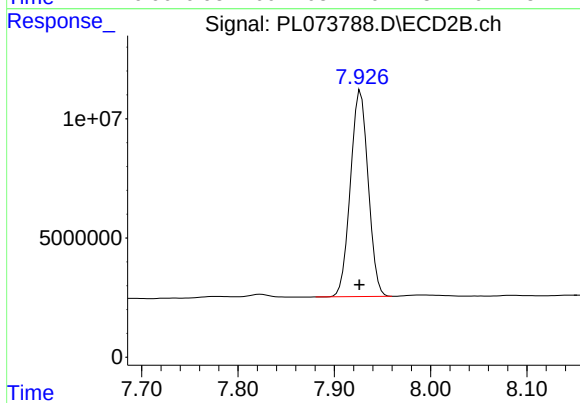
#7 delta-BHC

R.T.: 6.949 min
Delta R.T.: 0.002 min
Response: 131272140
Conc: 60.96 ng/ml



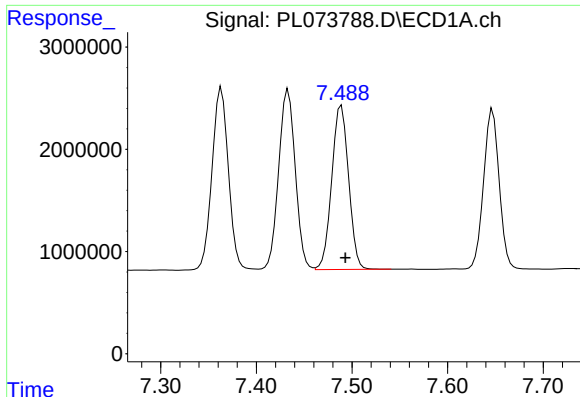
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 20959617
Conc: 48.63 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 110547439
Conc: 55.35 ng/ml



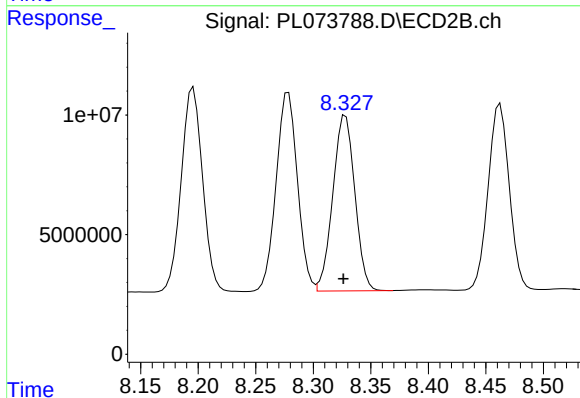
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 19631623
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMSD

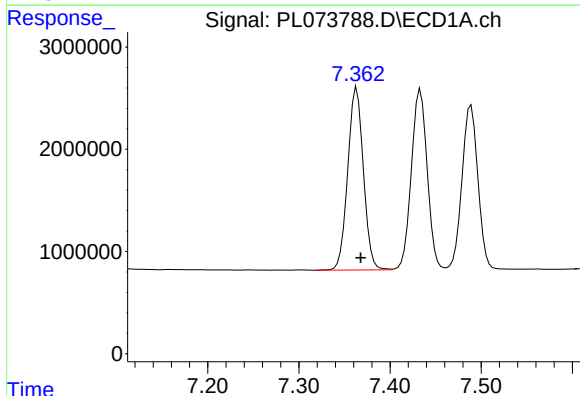
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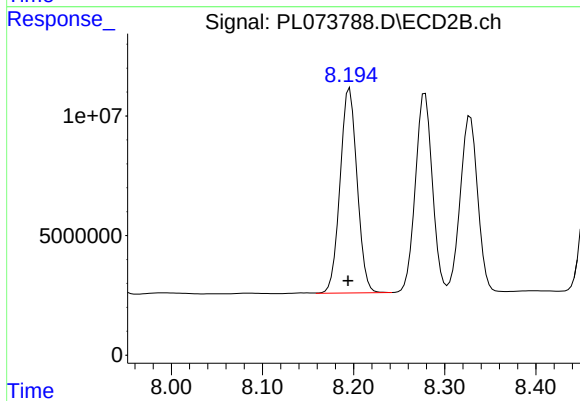
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.002 min
Response: 97765410
Conc: 53.56 ng/ml



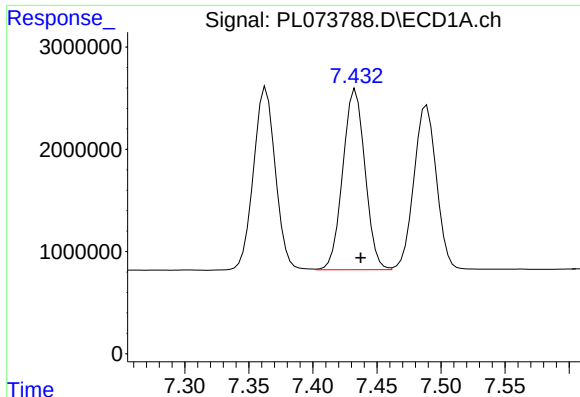
#10 gamma-Chlordane

R.T.: 7.363 min
Delta R.T.: -0.004 min
Response: 21277826
Conc: 48.66 ng/ml



#10 gamma-Chlordane

R.T.: 8.196 min
Delta R.T.: 0.002 min
Response: 111024879
Conc: 54.36 ng/ml



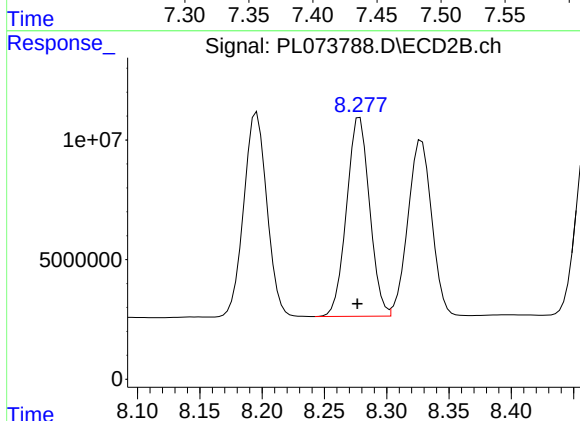
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 21309775
Conc: 48.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMSD

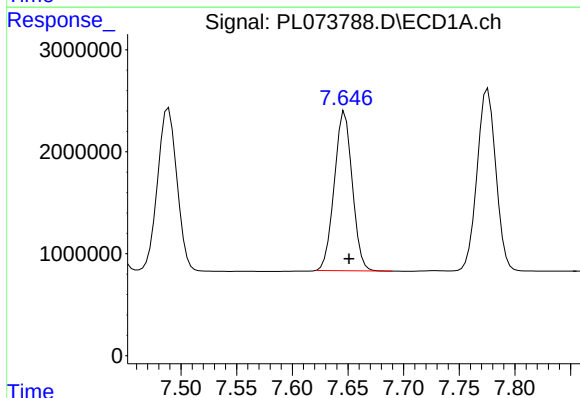
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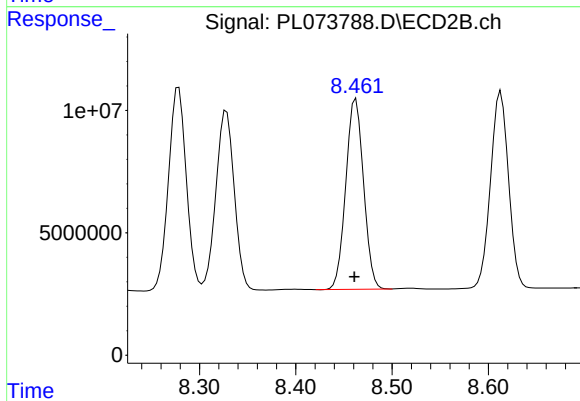
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.002 min
Response: 107538816
Conc: 53.77 ng/ml



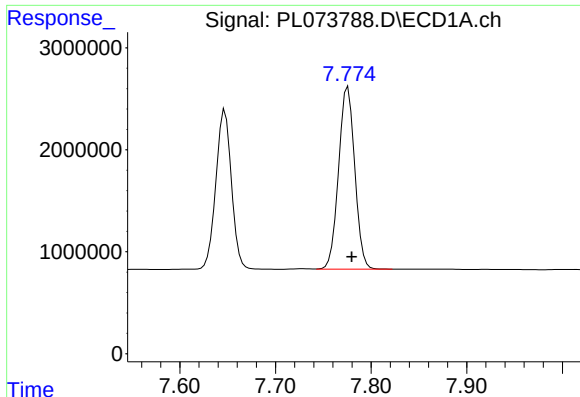
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 17532653
Conc: 48.86 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.002 min
Response: 99433783
Conc: 55.48 ng/ml



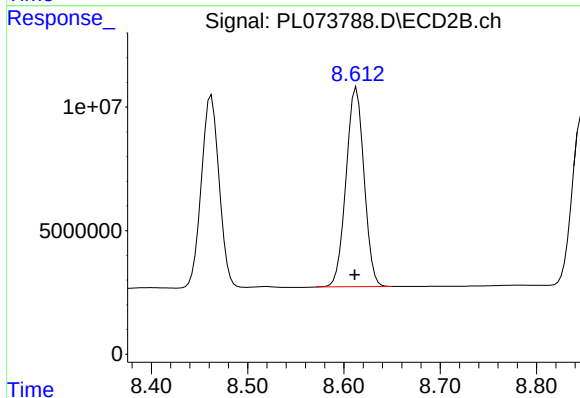
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 21030362
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMSD

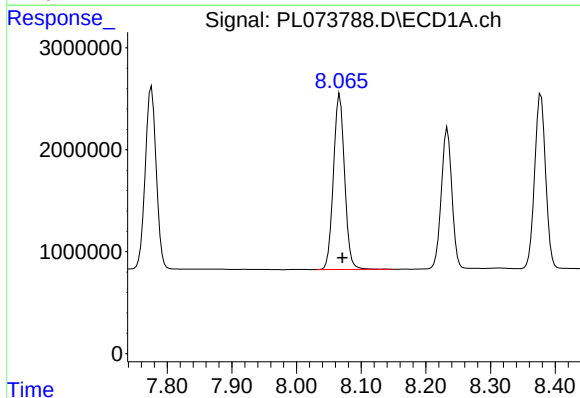
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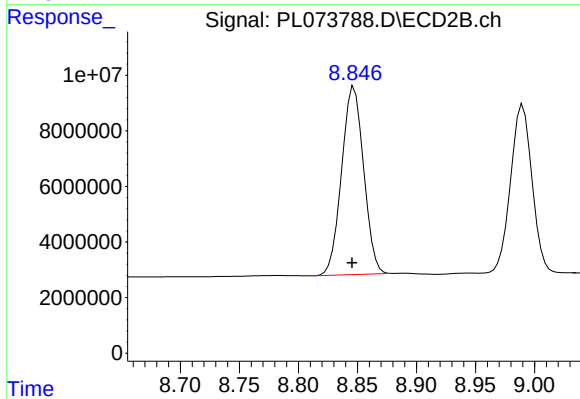
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.002 min
Response: 104305656
Conc: 56.54 ng/ml



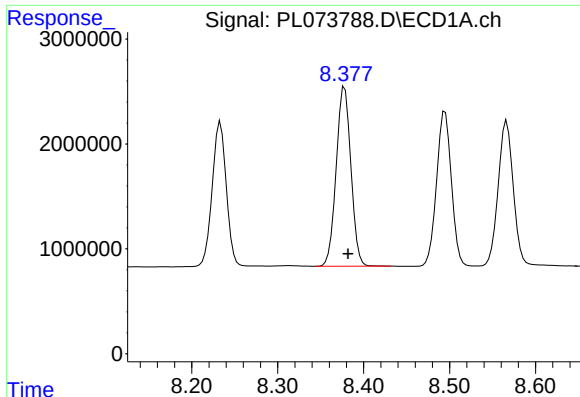
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 20634135
Conc: 53.18 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 88030477
Conc: 57.18 ng/ml m



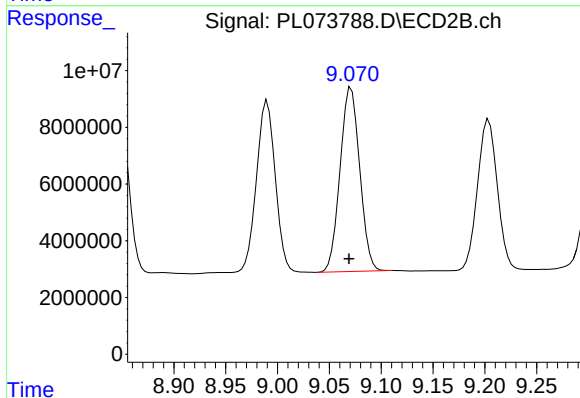
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.004 min
Response: 20321199
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMSD

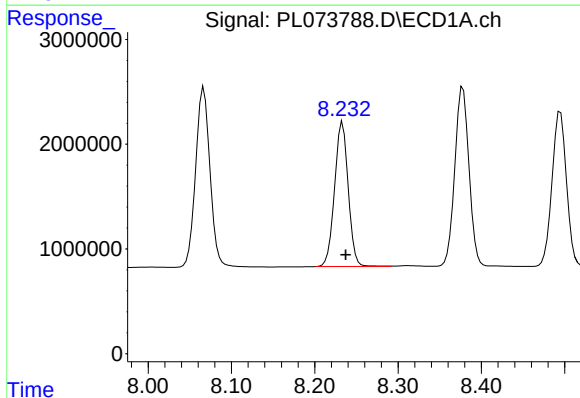
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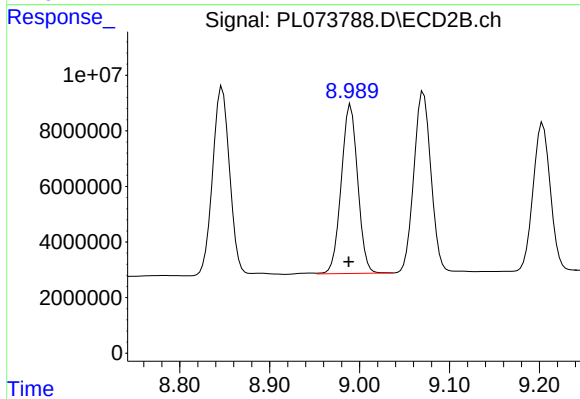
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 85544455
Conc: 55.70 ng/ml



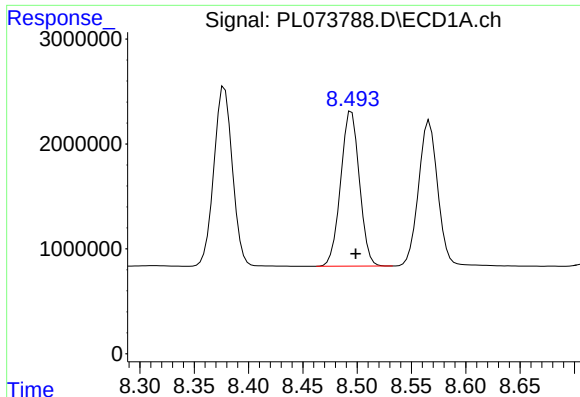
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 15746370
Conc: 48.49 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 77391713
Conc: 53.02 ng/ml



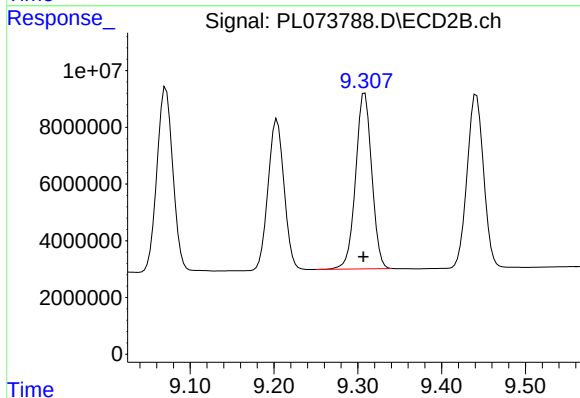
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 17735871
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMSD

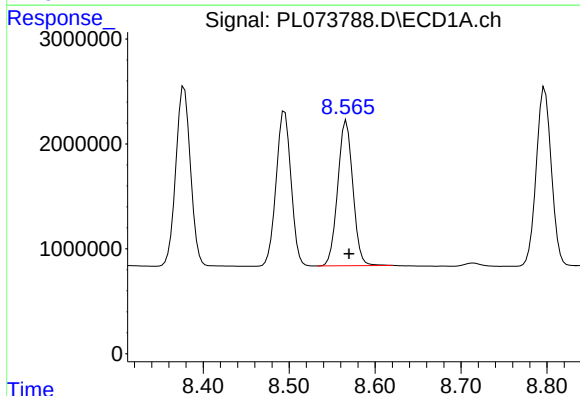
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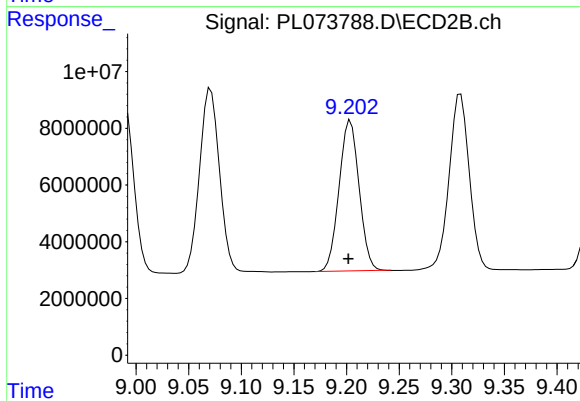
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.002 min
Response: 82877457
Conc: 50.70 ng/ml



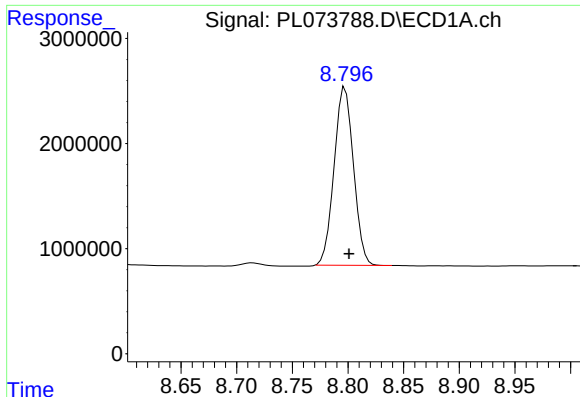
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 16917108
Conc: 53.49 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 70444746
Conc: 57.44 ng/ml m



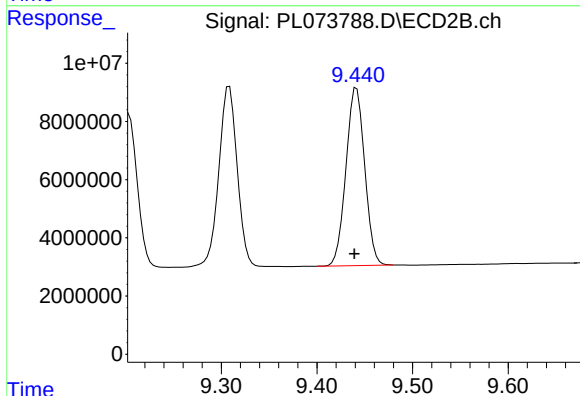
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 20566253
Conc: 48.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMSD

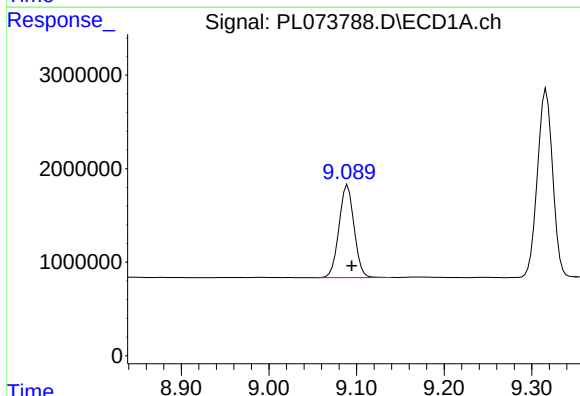
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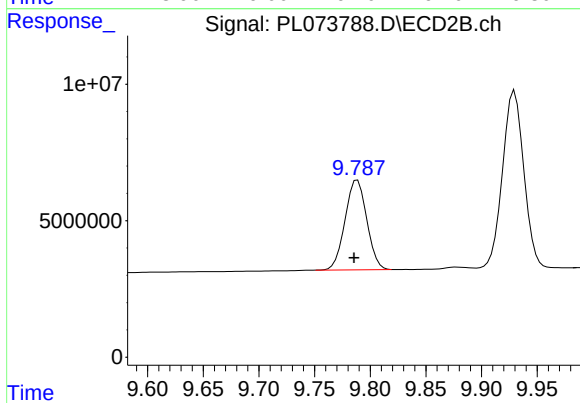
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.002 min
Response: 83501112
Conc: 52.98 ng/ml



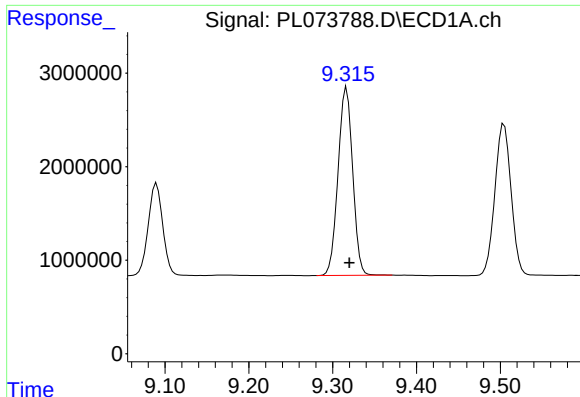
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: -0.005 min
Response: 11872500
Conc: 46.28 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.003 min
Response: 44701820
Conc: 49.61 ng/ml



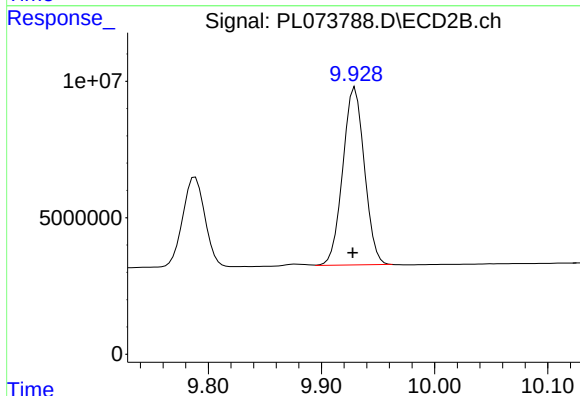
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 24357555
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMSD

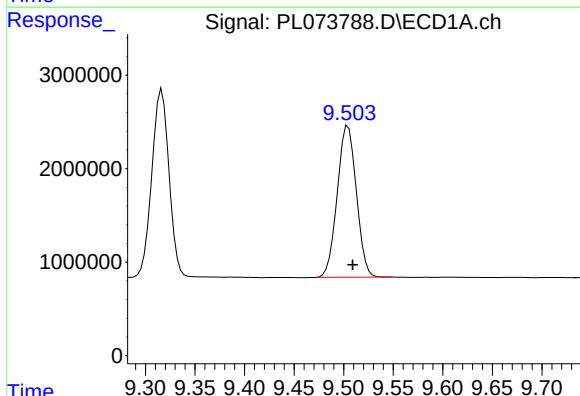
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Supervised By :mohammad ahmed 04/04/2022



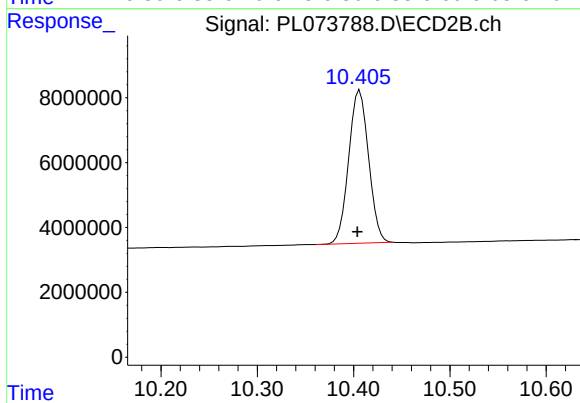
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.002 min
Response: 86285958
Conc: 52.28 ng/ml



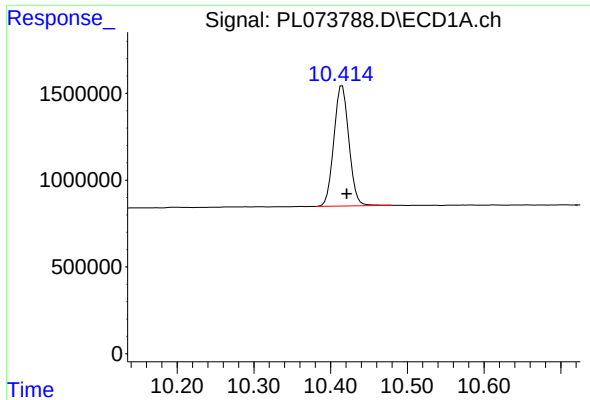
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 21753144
Conc: 46.13 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: 0.002 min
Response: 67701915
Conc: 49.84 ng/ml



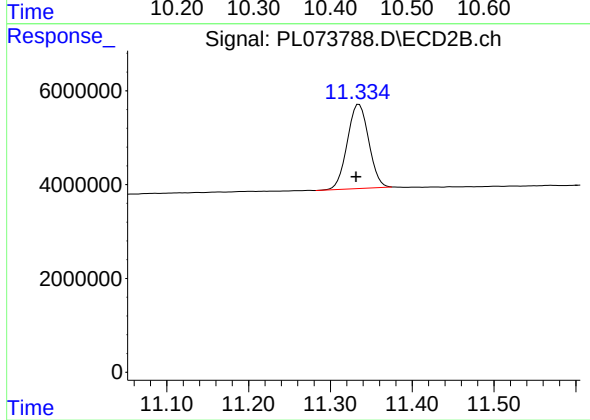
#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 9437805
Conc: 18.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.335 min
Delta R.T.: 0.004 min
Response: 32687109
Conc: 18.28 ng/ml