

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041222\
 Data File : PL073993.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2022 19:31
 Operator : AR\AJ
 Sample : N2360-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 JC-03-041122-BMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/13/2022
 Supervised By :mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 02:31:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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...	4.638	5.490	3925900	20695145	12.150	11.607
28)	SA Decachlor...	10.409	11.331	5841367	20203880	11.233	11.439
Target Compounds							
2)	A alpha-BHC	5.345	6.053	15416649	89982579	36.736	35.734
3)	MA gamma-BHC...	5.768	6.442	14981665	78187837	35.722	33.031
4)	MA Heptachlor	6.180	7.101	16620856	88811824	36.898	34.048
5)	MB Aldrin	6.503	7.469	16357734	95809371	39.412m	40.794
6)	B beta-BHC	6.148	6.678	6019782	38077708	29.461	33.786
7)	B delta-BHC	6.410	6.946	13533445	72563730	32.715	29.712
8)	B Heptachlo...	7.081	7.925	14824550	75202357	34.561	33.400
9)	A Endosulfan I	7.485	8.326	15142394	61406271	36.922	31.192
10)	B gamma-Chl...	7.359	8.194	28199506	139.4E6	64.296	62.514
11)	B alpha-Chl...	7.429	8.278	30155298	153.7E6	68.260	71.388
12)	B 4,4'-DDE	7.642	8.461	14296863	64134520	39.189	32.201
13)	MA Dieldrin	7.771	8.610	15105862	50506843	35.165	25.187m#
14)	MA Endrin	8.062	8.845	14224164	47838609	35.015	28.246
15)	B Endosulfa...	8.374	9.068	16996590	51970325	41.238	29.916 #
16)	A 4,4'-DDD	8.228	8.987	10717429	48009459	33.189	31.203m
17)	MA 4,4'-DDT	8.489	9.306	13746598	56688950	37.189	31.979
18)	B Endrin al...	8.561	9.202	4467122	20519219	13.806	15.886
19)	B Endosulfa...	8.790	9.440	4668273	20119398	10.932m	12.089
20)	A Methoxychlor	9.084	9.786	6512030	20610956	26.230	21.429
21)	B Endrin ke...	9.310	9.926	7012998	22828087	14.355	13.188m
22)	Mirex	9.497	10.405	16228136	47858590	34.794m	34.745

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

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 Data File : PL073993.D
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 Acq On : 12 Apr 2022 19:31
 Operator : AR\AJ
 Sample : N2360-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

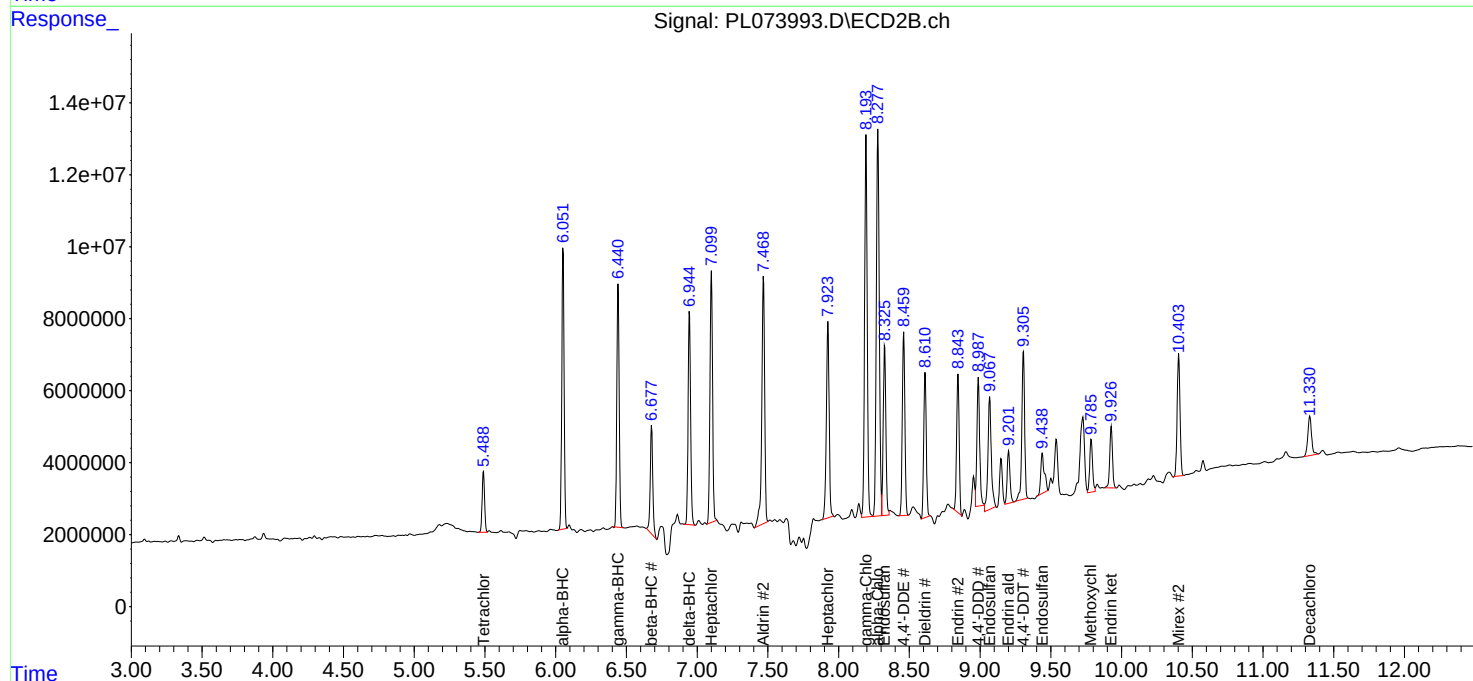
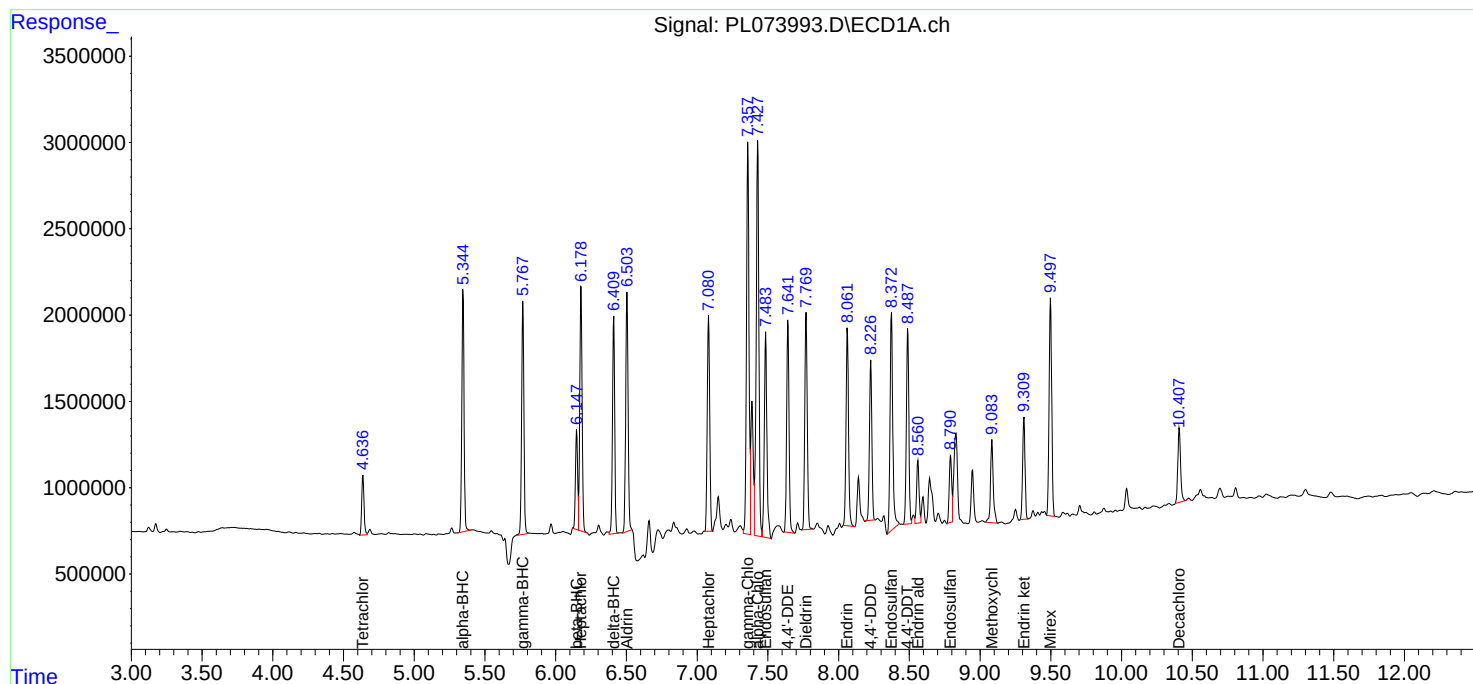
Instrument :
 ECD_L
 ClientSampleId :
 JC-03-041122-BMSD

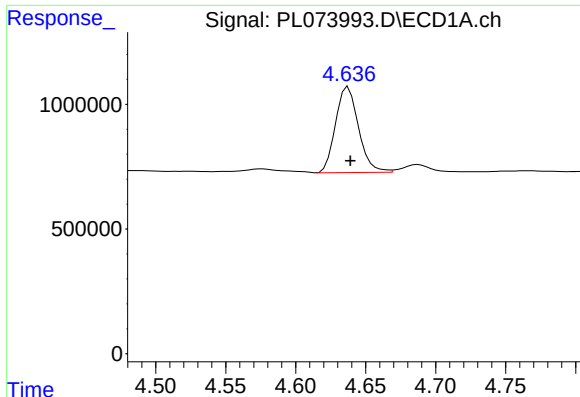
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 02:31:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





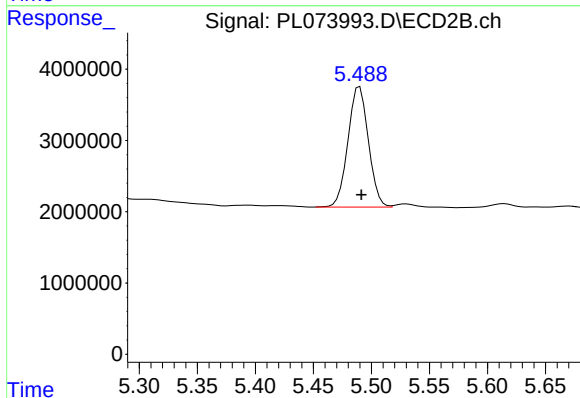
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.002 min
Response: 3925900
Conc: 12.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

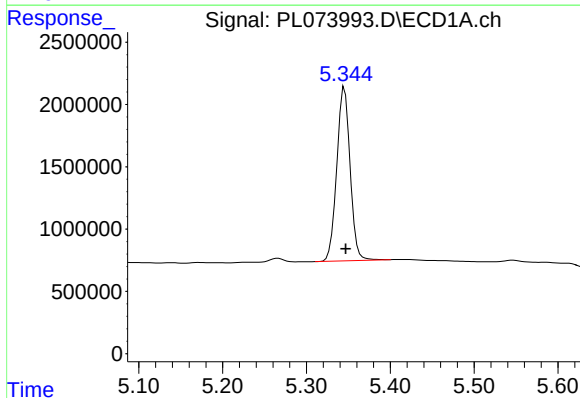
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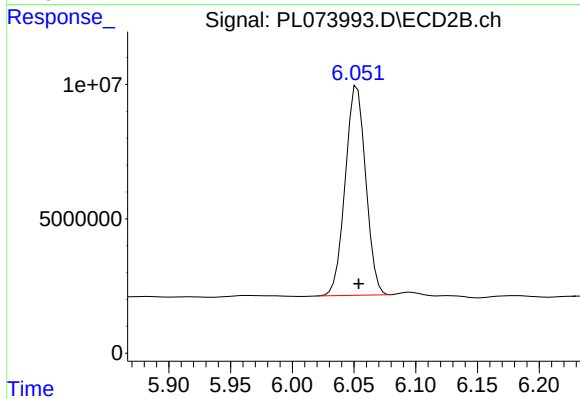
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 20695145
Conc: 11.61 ng/ml



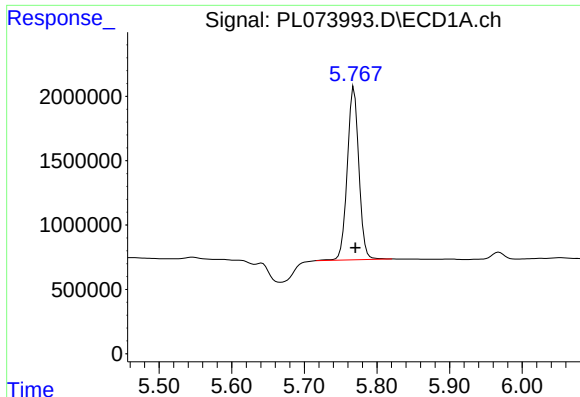
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.001 min
Response: 15416649
Conc: 36.74 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 89982579
Conc: 35.73 ng/ml



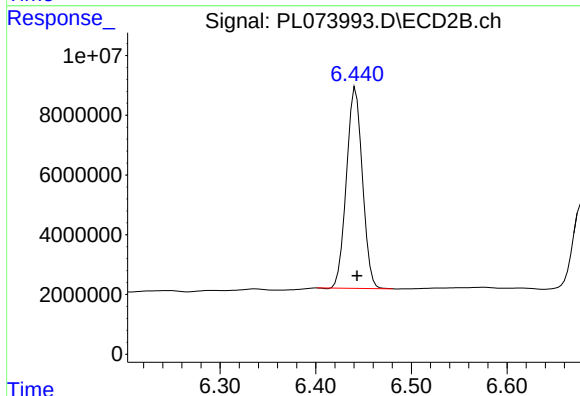
#3 gamma-BHC (Lindane)

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 14981665
Conc: 35.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

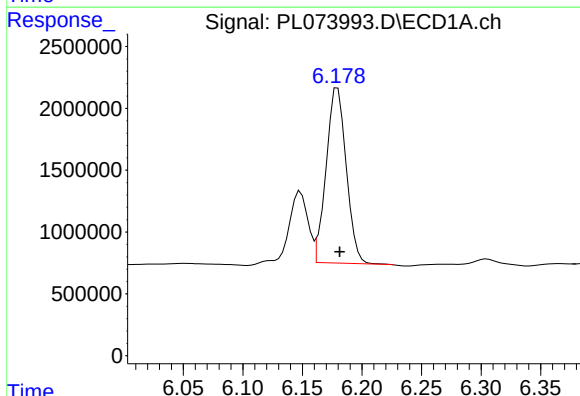
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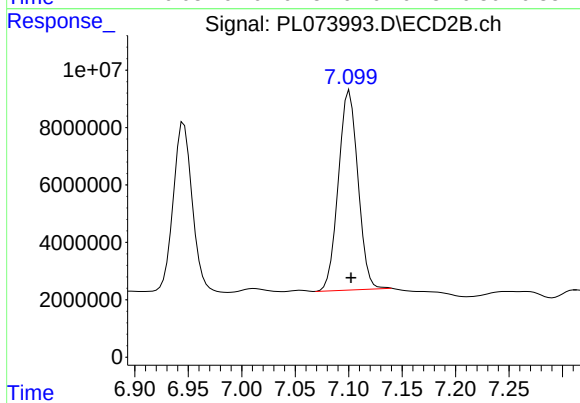
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 78187837
Conc: 33.03 ng/ml



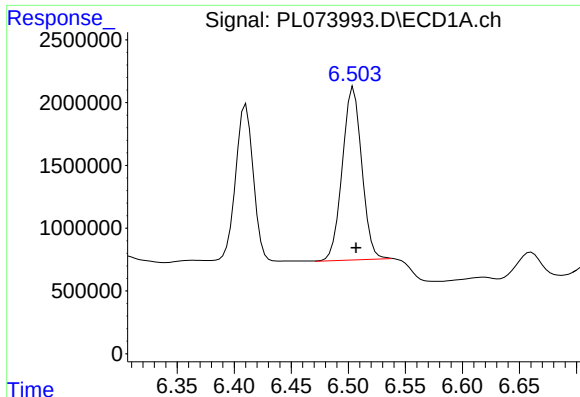
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 16620856
Conc: 36.90 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 88811824
Conc: 34.05 ng/ml



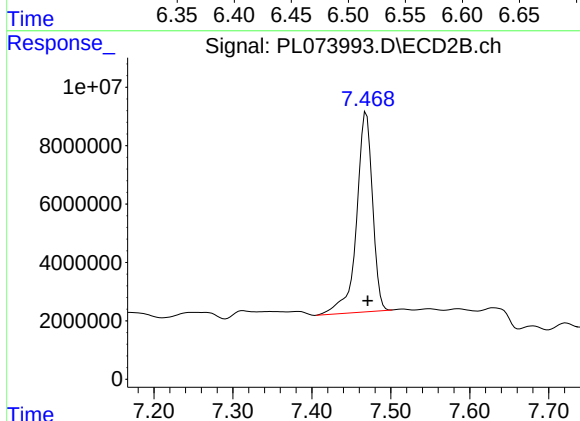
#5 Aldrin

R.T.: 6.503 min
Delta R.T.: -0.003 min
Response: 16357734
Conc: 39.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

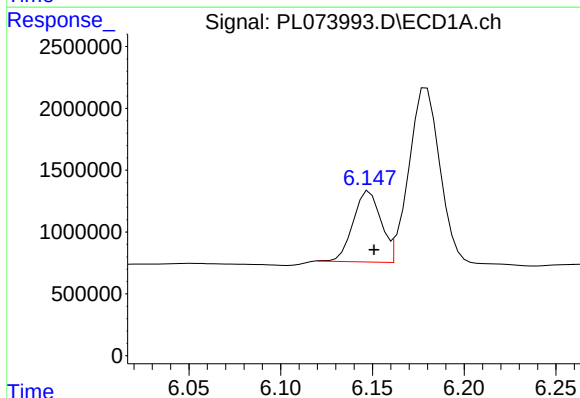
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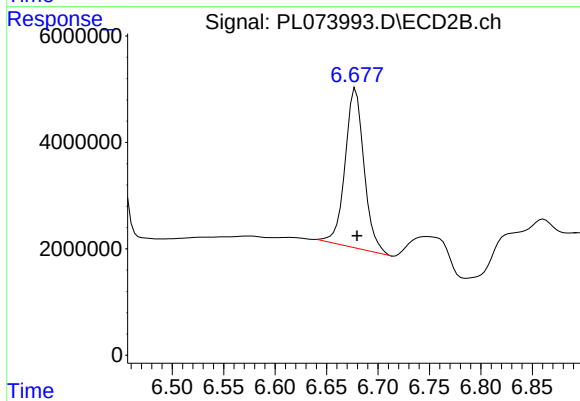
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 95809371
Conc: 40.79 ng/ml



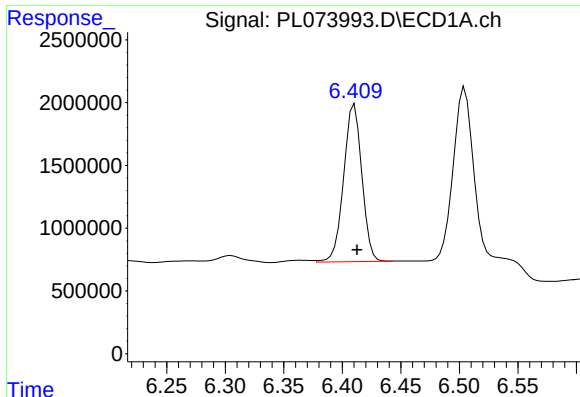
#6 beta-BHC

R.T.: 6.148 min
Delta R.T.: -0.002 min
Response: 6019782
Conc: 29.46 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.001 min
Response: 38077708
Conc: 33.79 ng/ml



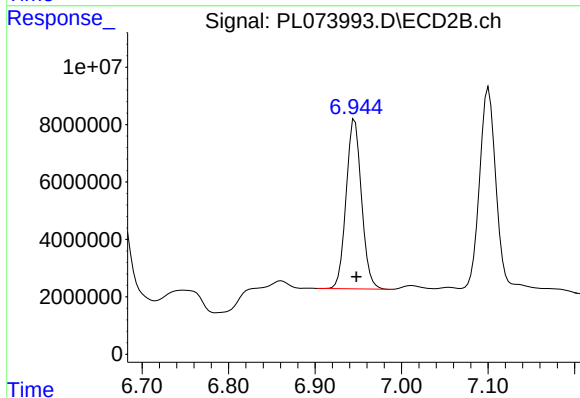
#7 delta-BHC

R.T.: 6.410 min
Delta R.T.: -0.002 min
Response: 13533445
Conc: 32.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

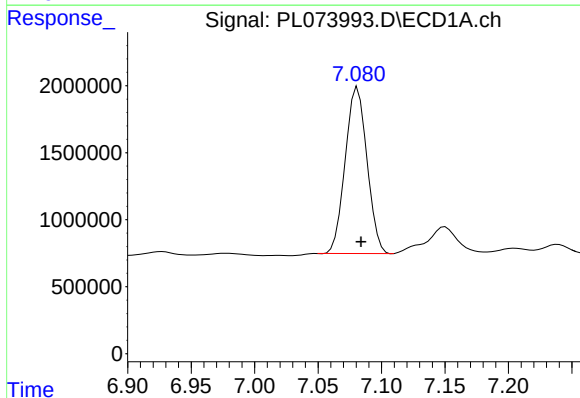
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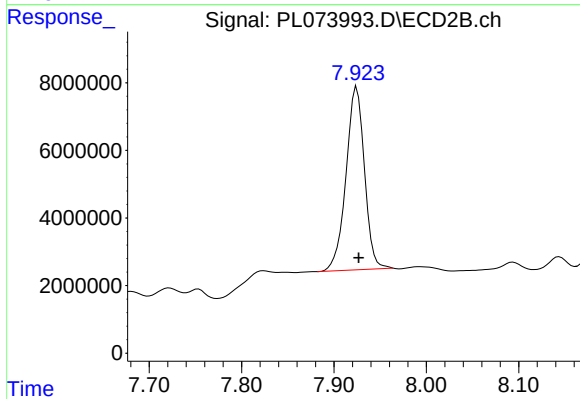
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 72563730
Conc: 29.71 ng/ml



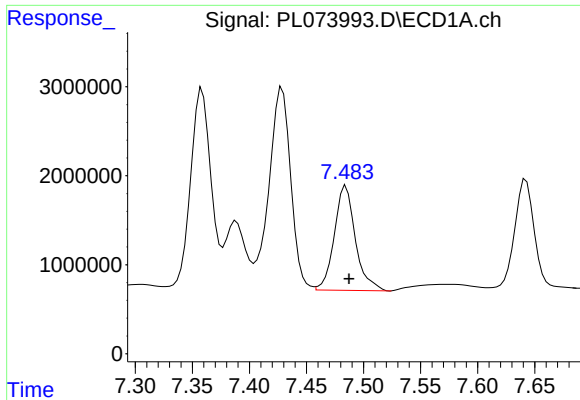
#8 Heptachlor epoxide

R.T.: 7.081 min
Delta R.T.: -0.003 min
Response: 14824550
Conc: 34.56 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 75202357
Conc: 33.40 ng/ml



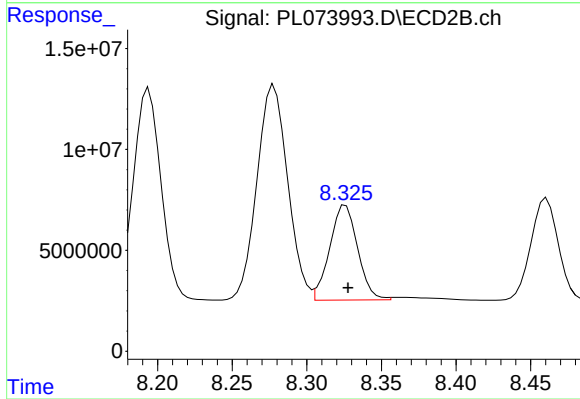
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.003 min
Response: 15142394
Conc: 36.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

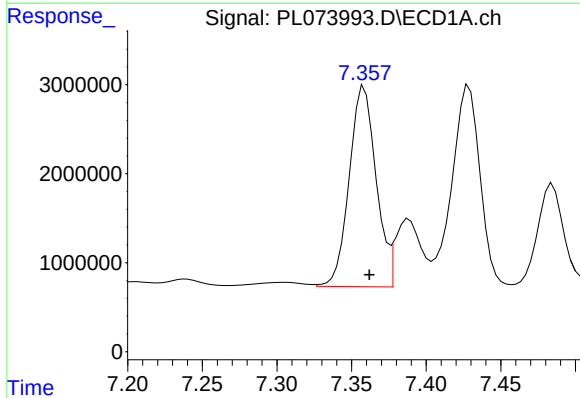
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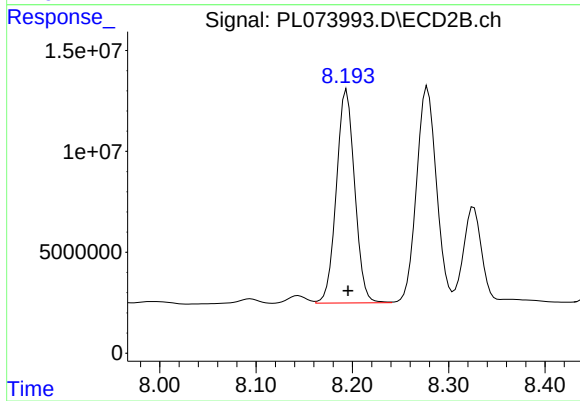
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 61406271
Conc: 31.19 ng/ml



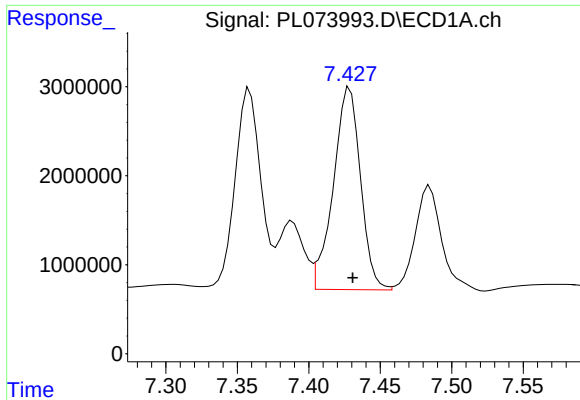
#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 28199506
Conc: 64.30 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 139427399
Conc: 62.51 ng/ml



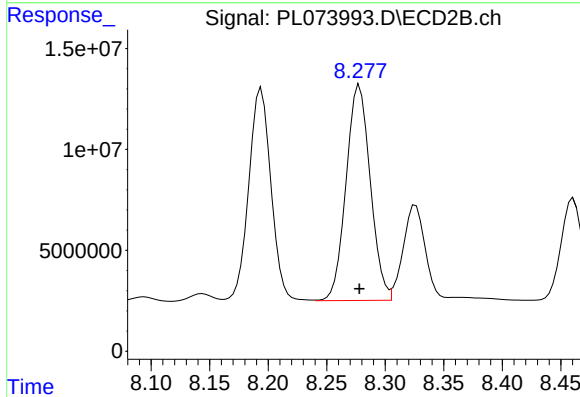
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.002 min
Response: 30155298
Conc: 68.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

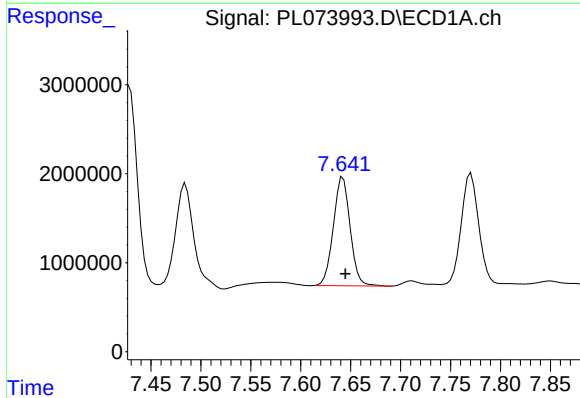
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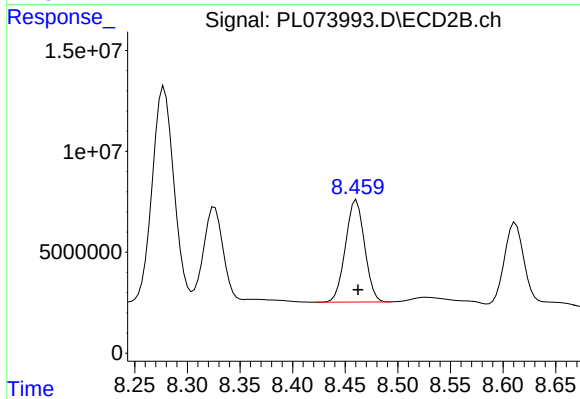
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 153669290
Conc: 71.39 ng/ml



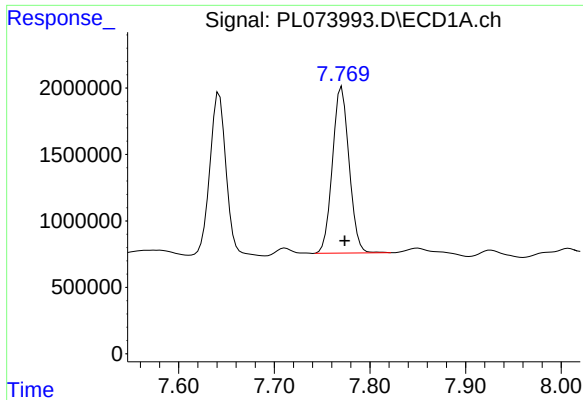
#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 14296863
Conc: 39.19 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 64134520
Conc: 32.20 ng/ml



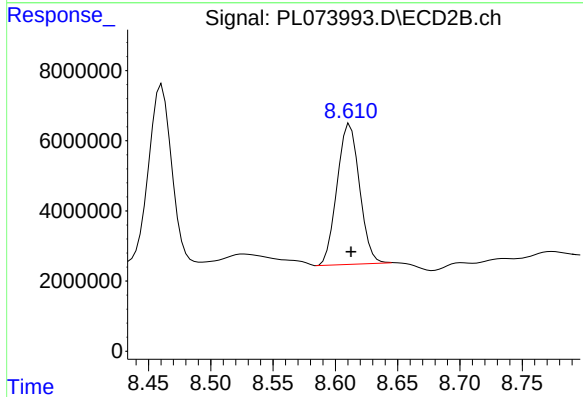
#13 Dieldrin

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 15105862
Conc: 35.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

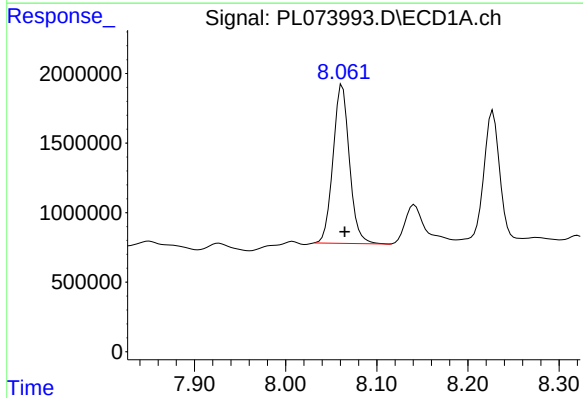
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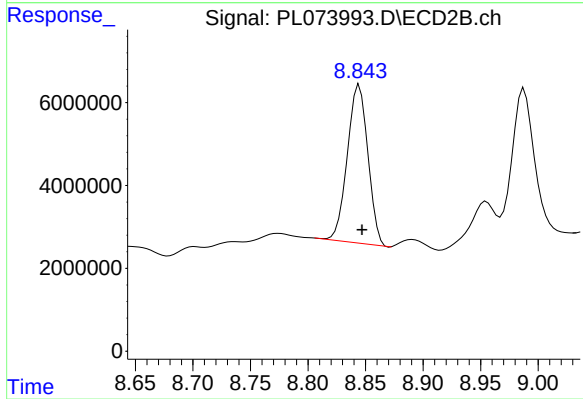
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 50506843
Conc: 25.19 ng/ml m



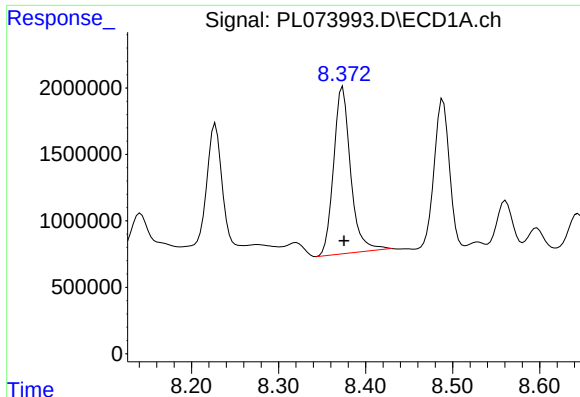
#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 14224164
Conc: 35.01 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 47838609
Conc: 28.25 ng/ml



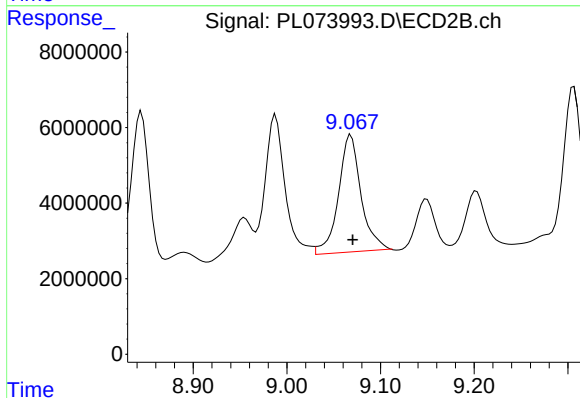
#15 Endosulfan II

R.T.: 8.374 min
Delta R.T.: -0.002 min
Response: 16996590
Conc: 41.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
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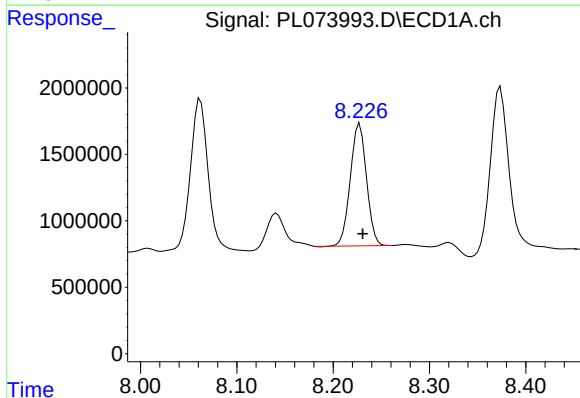
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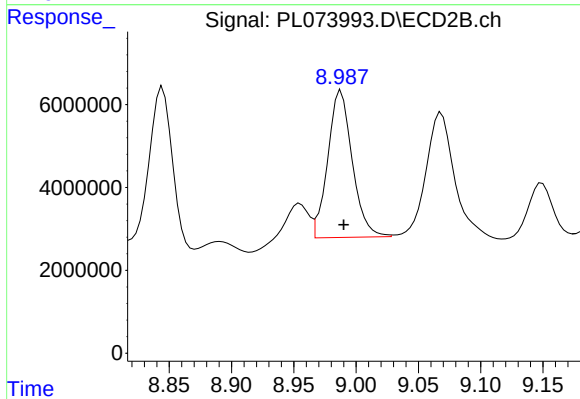
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 51970325
Conc: 29.92 ng/ml



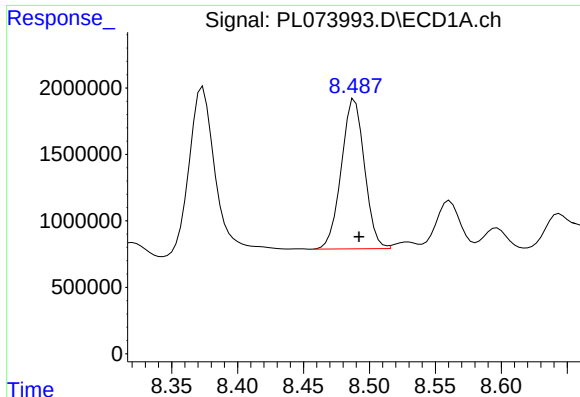
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.003 min
Response: 10717429
Conc: 33.19 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.004 min
Response: 48009459
Conc: 31.20 ng/ml m



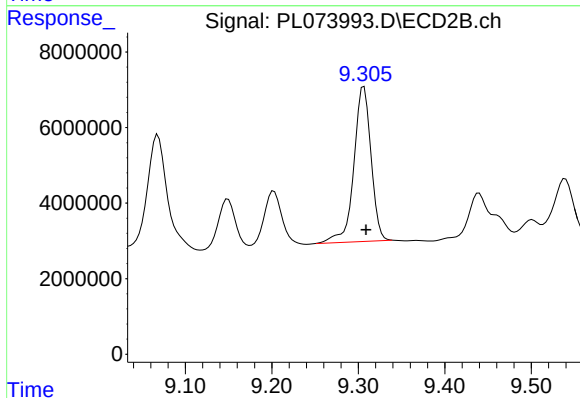
#17 4,4'-DDT

R.T.: 8.489 min
Delta R.T.: -0.003 min
Response: 13746598
Conc: 37.19 ng/ml

Instrument :
ECD_L
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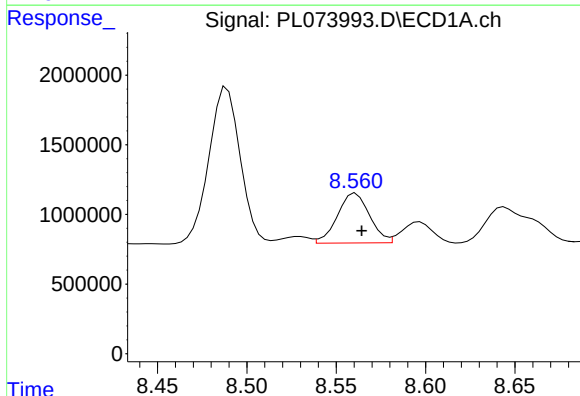
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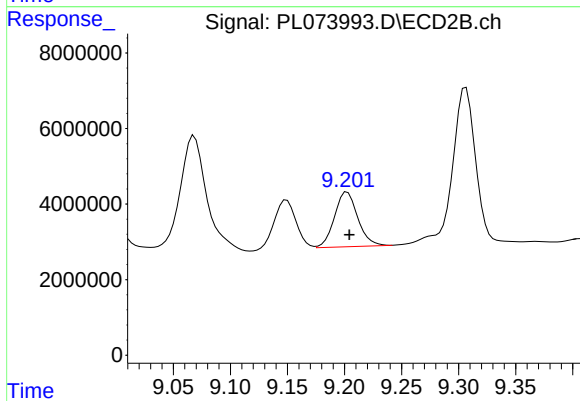
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.002 min
Response: 56688950
Conc: 31.98 ng/ml



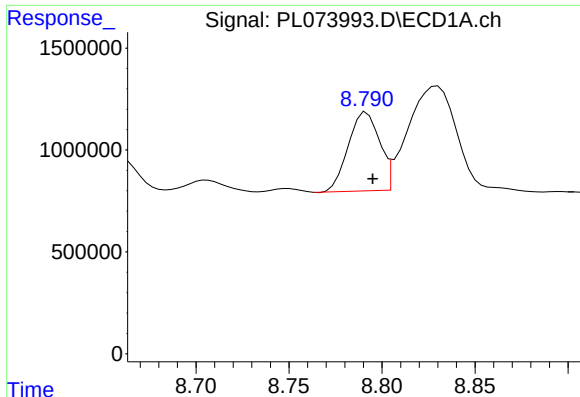
#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.003 min
Response: 4467122
Conc: 13.81 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 20519219
Conc: 15.89 ng/ml



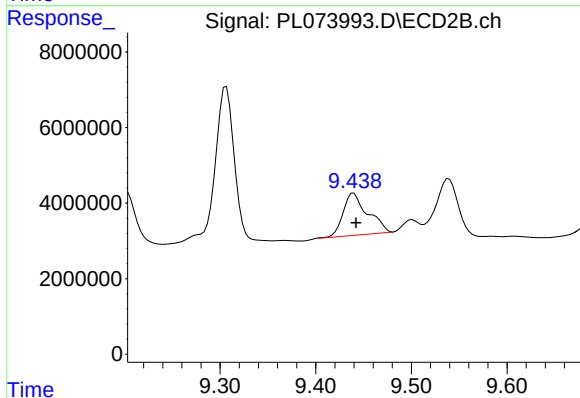
#19 Endosulfan Sulfate

R.T.: 8.790 min
Delta R.T.: -0.005 min
Response: 4668273
Conc: 10.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

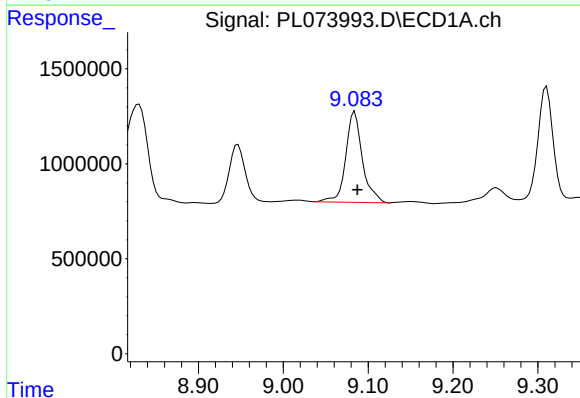
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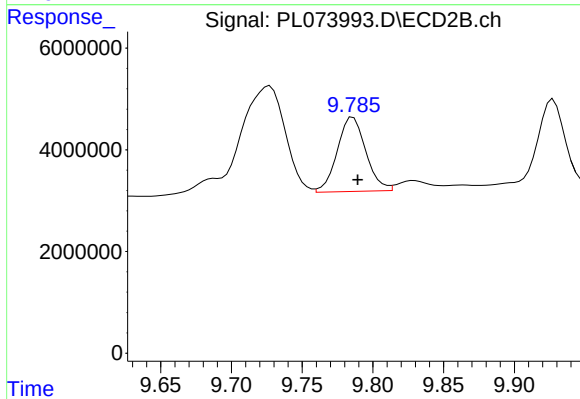
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.003 min
Response: 20119398
Conc: 12.09 ng/ml



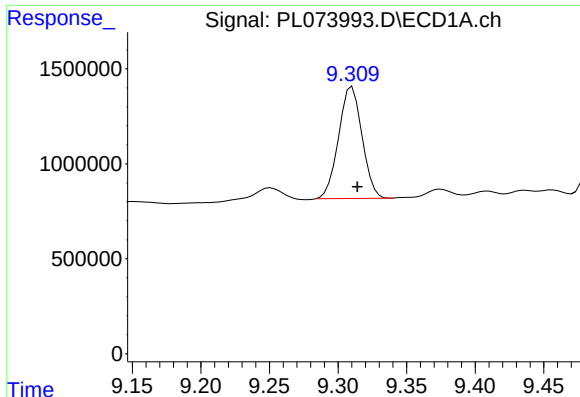
#20 Methoxychlor

R.T.: 9.084 min
Delta R.T.: -0.003 min
Response: 6512030
Conc: 26.23 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 20610956
Conc: 21.43 ng/ml



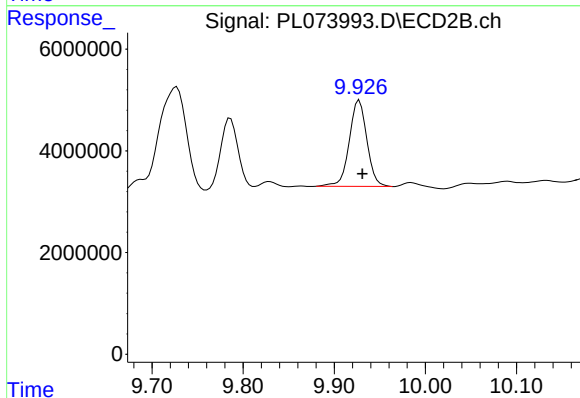
#21 Endrin ketone

R.T.: 9.310 min
Delta R.T.: -0.004 min
Response: 7012998
Conc: 14.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

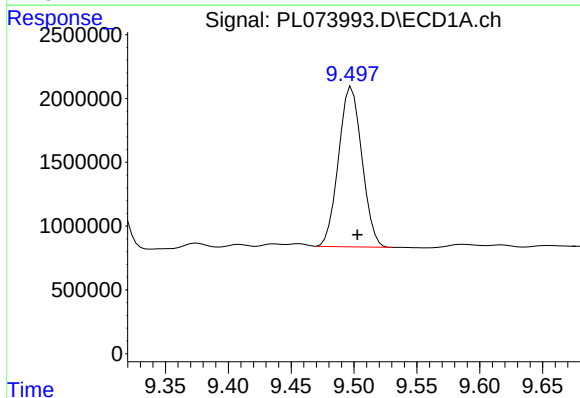
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/13/2022
Supervised By :mohammad ahmed 04/13/2022



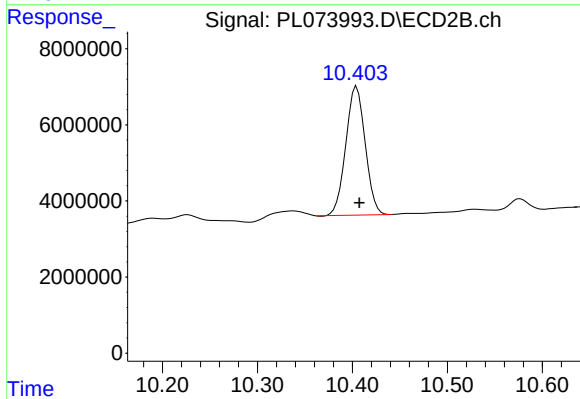
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 22828087
Conc: 13.19 ng/ml m



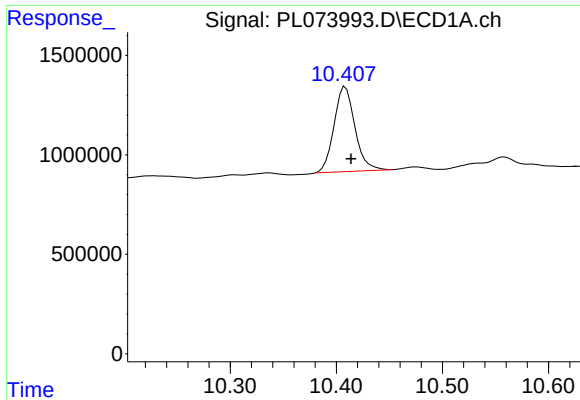
#22 Mirex

R.T.: 9.497 min
Delta R.T.: -0.006 min
Response: 16228136
Conc: 34.79 ng/ml m



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.003 min
Response: 47858590
Conc: 34.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: -0.005 min
Response: 5841367
Conc: 11.23 ng/ml

Instrument :

ECD_L

ClientSampleId :

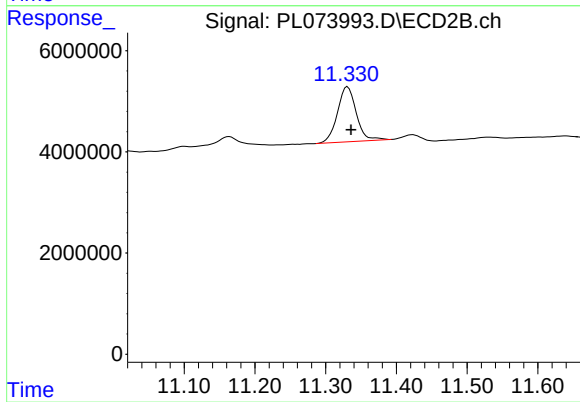
JC-03-041122-BMSD

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#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 20203880
Conc: 11.44 ng/ml