

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032822\
 Data File : PL073708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2022 15:37
 Operator : AR\AJ
 Sample : N2140-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MHCMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/29/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:49:13 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...	4.642	5.491	5462606	27952855	17.055	17.031
28)	SA Decachlor...	10.417	11.335	8955365	28998269	17.611	16.217
Target Compounds							
2)	A alpha-BHC	5.350	6.054	18121837	104.7E6	43.963	46.540
3)	MA gamma-BHC...	5.774	6.444	17951300	97531803	43.035	45.681
4)	MA Heptachlor	6.185	7.103	18779309	100.3E6	41.621	42.819
5)	MB Aldrin	6.511	7.471	18396618	97725848	44.526	46.648
6)	B beta-BHC	6.154	6.680	8918030	43746454	43.313	41.968
7)	B delta-BHC	6.416	6.948	18024405	98217744	44.876	45.607
8)	B Heptachlo...	7.088	7.928	18522834	88740706	42.978	44.430
9)	A Endosulfan I	7.491	8.328	17612617	79663238	42.935	43.642
10)	B gamma-Chl...	7.365	8.196	19085938	90557627	43.645	44.339
11)	B alpha-Chl...	7.435	8.279	19191522	88510462	43.426	44.255
12)	B 4,4'-DDE	7.649	8.463	15890038	80348049	44.282	44.828
13)	MA Dieldrin	7.778	8.613	18766822	83469622	45.045	45.247
14)	MA Endrin	8.069	8.848	17938954	68329634	46.234	44.387
15)	B Endosulfa...	8.380	9.071	18544371	70842802	47.443	46.127
16)	A 4,4'-DDD	8.235	8.990	14665496	64506432	45.161	44.191
17)	MA 4,4'-DDT	8.496	9.309	15417652	63749044	40.768	39.001
18)	B Endrin al...	8.568	9.203	15359373	58714276	48.567	47.879m
19)	B Endosulfa...	8.799	9.442	18738026	68587059	44.358	43.518
20)	A Methoxychlor	9.092	9.789	10575955	35266928	41.226	39.139
21)	B Endrin ke...	9.318	9.930	22398115	71225006	45.783	43.151
22)	Mirex	9.506	10.407	20503802	57203827	43.481	42.109

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032822\
 Data File : PL073708.D
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 Acq On : 28 Mar 2022 15:37
 Operator : AR\AJ
 Sample : N2140-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

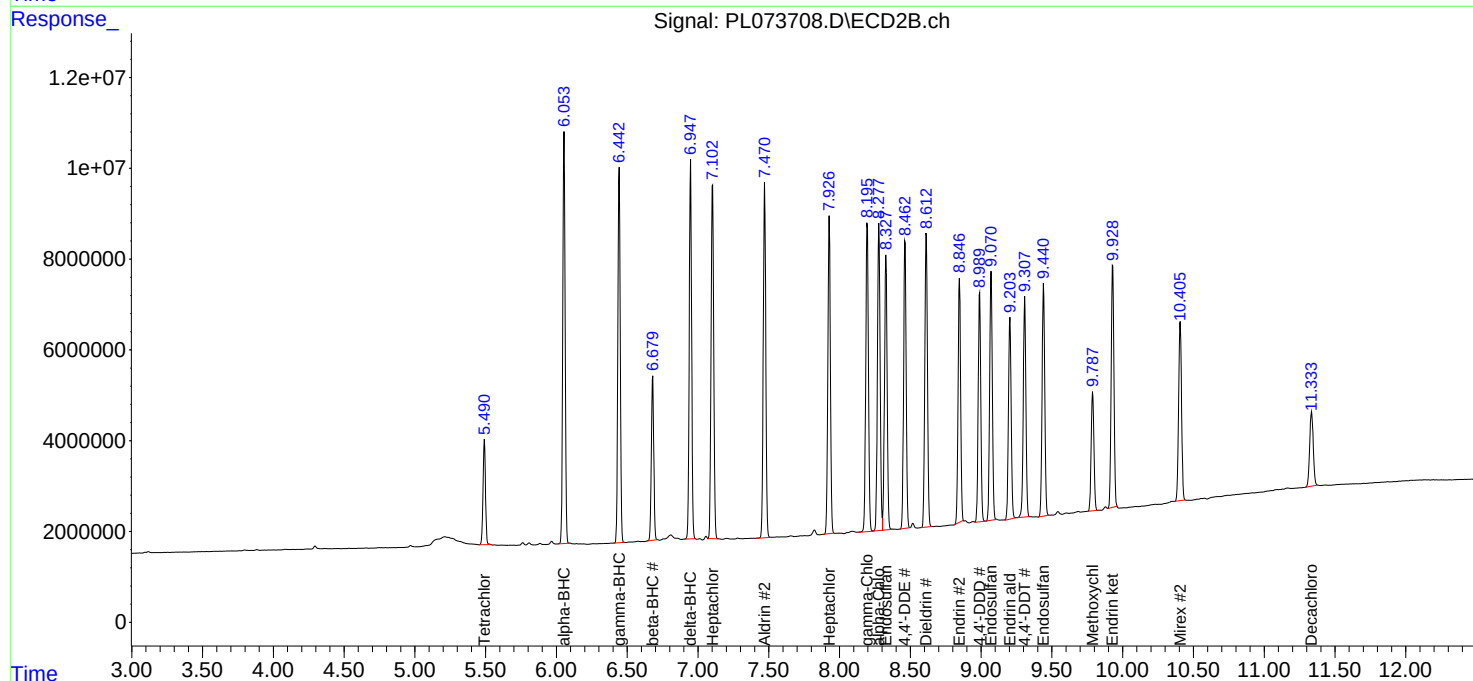
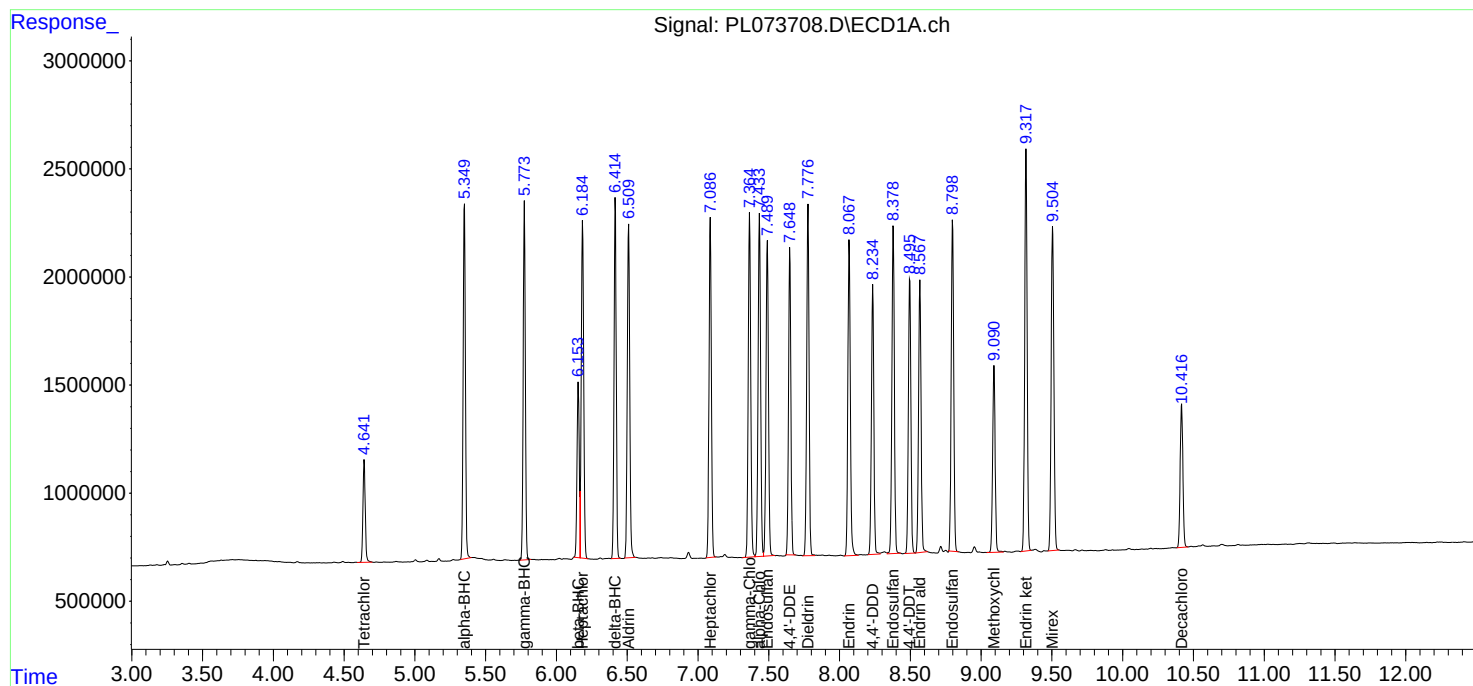
Instrument :
 ECD_L
 ClientSampleId :
 MHCMS

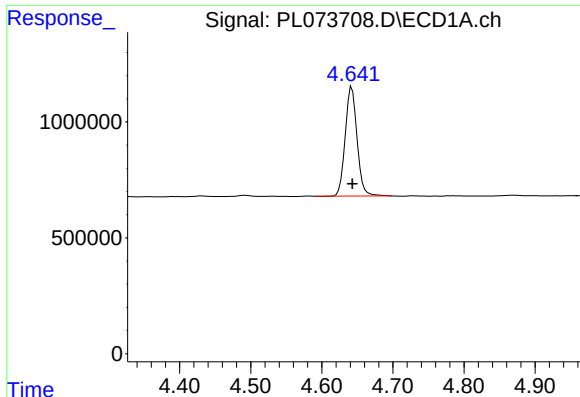
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:49:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





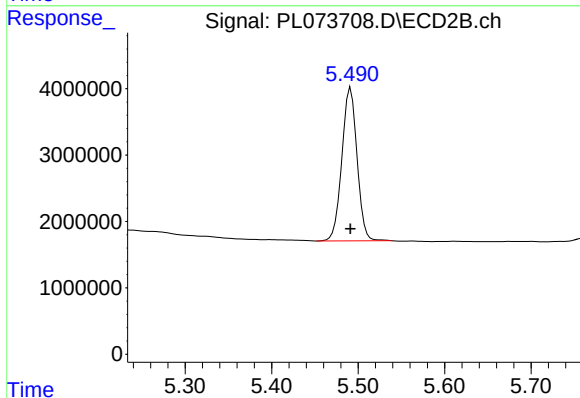
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 5462606
Conc: 17.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMS

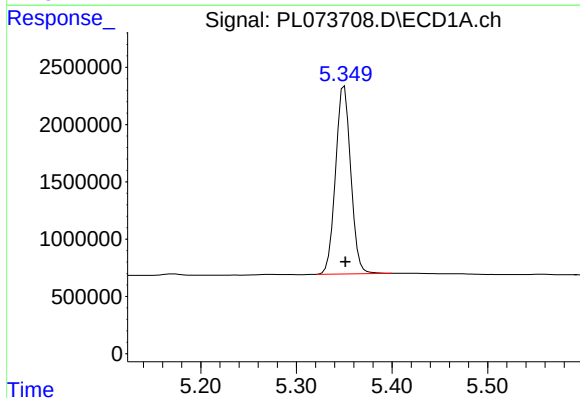
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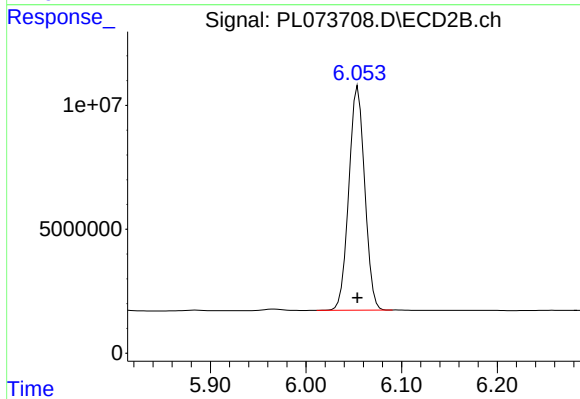
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 27952855
Conc: 17.03 ng/ml



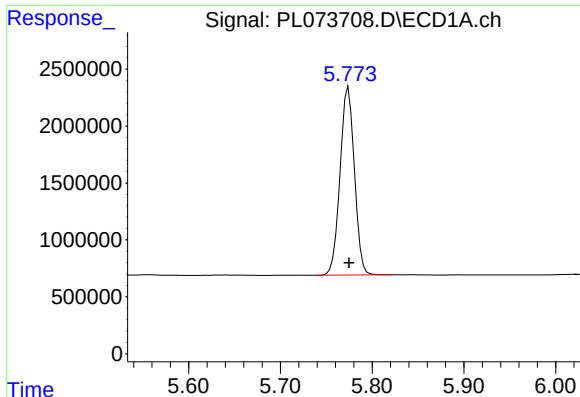
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.001 min
Response: 18121837
Conc: 43.96 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 104699668
Conc: 46.54 ng/ml



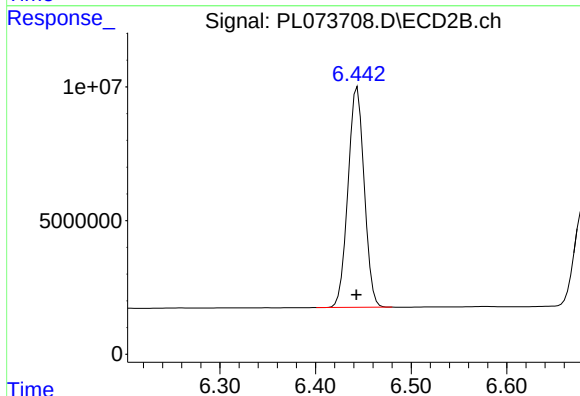
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 17951300
Conc: 43.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMS

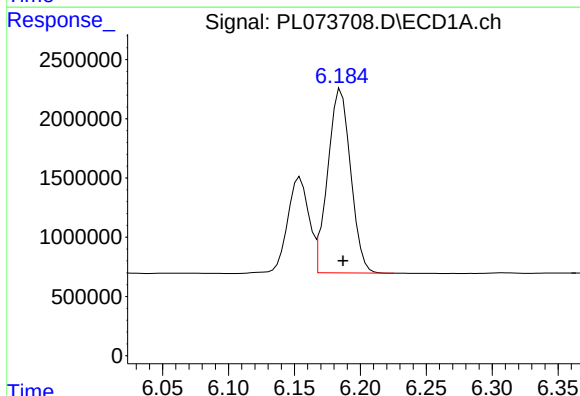
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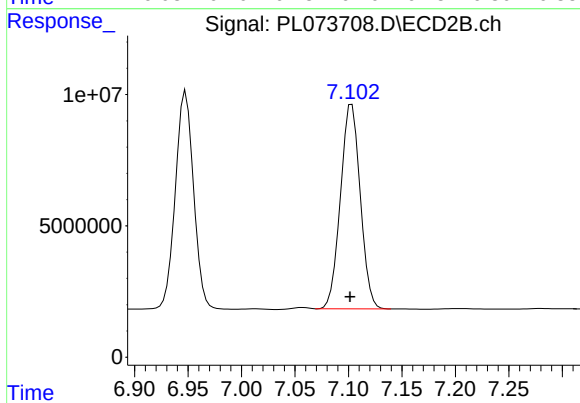
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 97531803
Conc: 45.68 ng/ml



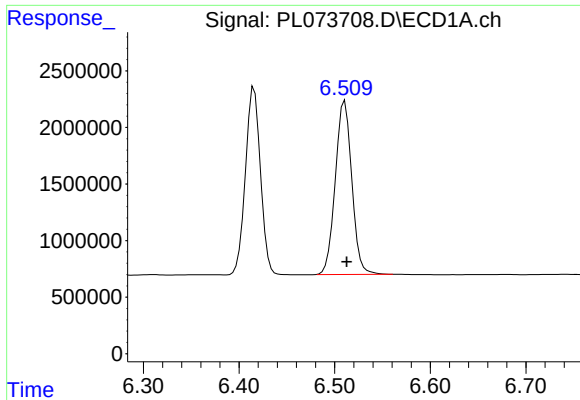
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 18779309
Conc: 41.62 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 100329815
Conc: 42.82 ng/ml



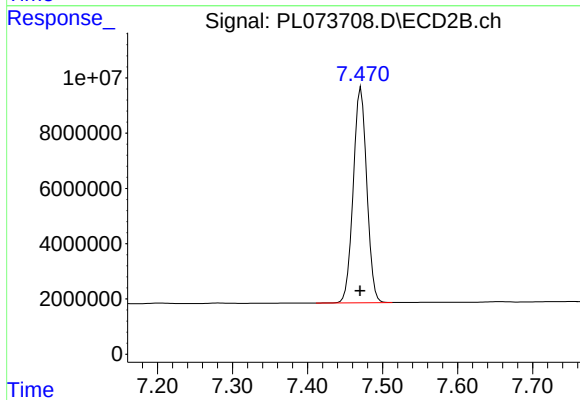
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 18396618
Conc: 44.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMS

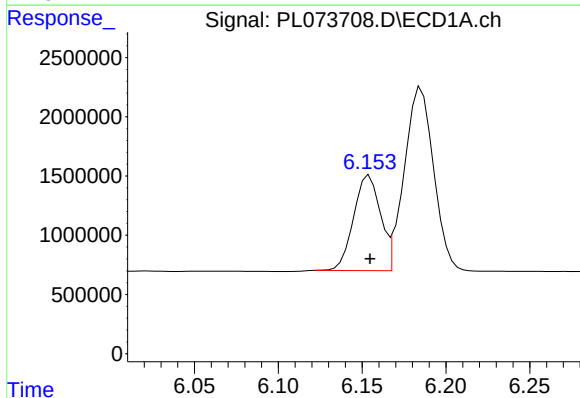
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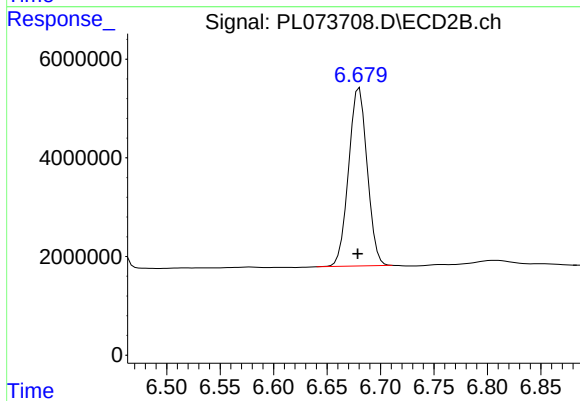
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 97725848
Conc: 46.65 ng/ml



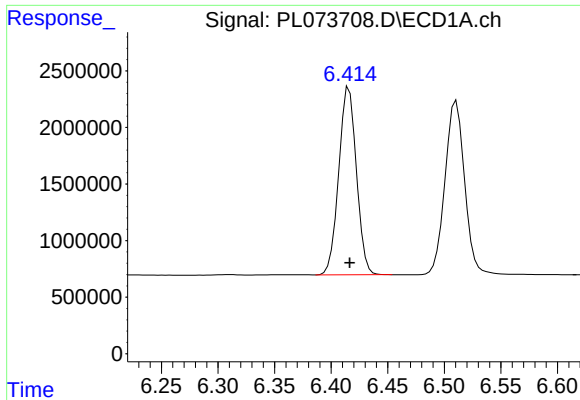
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 8918030
Conc: 43.31 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 43746454
Conc: 41.97 ng/ml



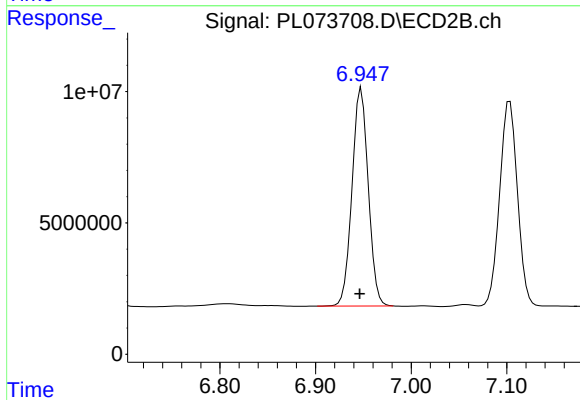
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 18024405
Conc: 44.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMS

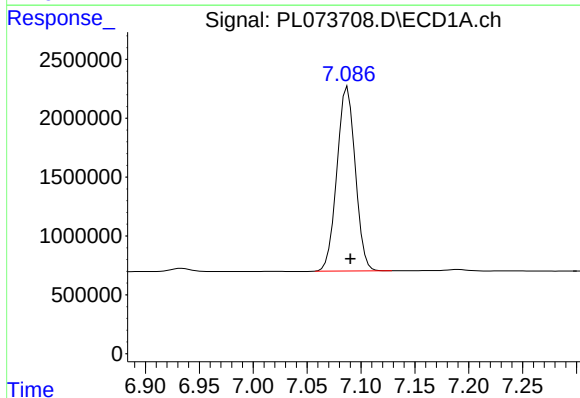
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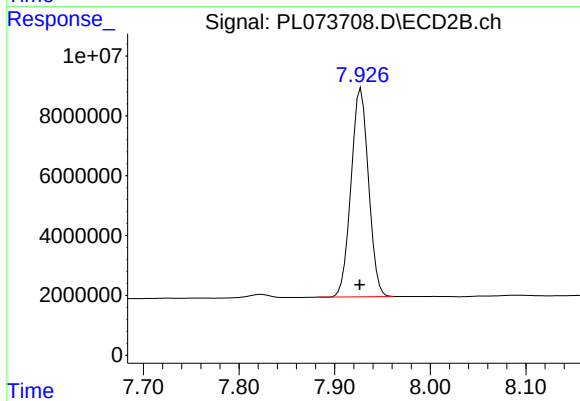
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 98217744
Conc: 45.61 ng/ml



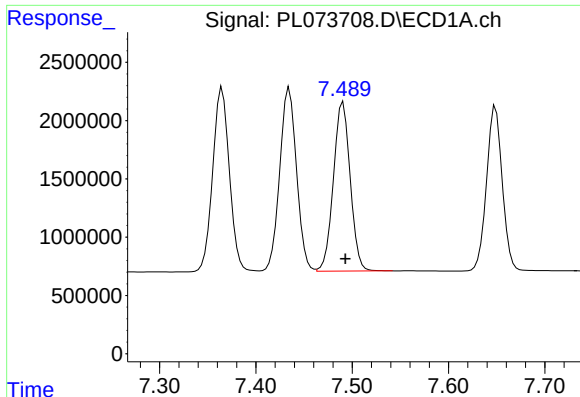
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 18522834
Conc: 42.98 ng/ml



#8 Heptachlor epoxide

R.T.: 7.928 min
Delta R.T.: 0.002 min
Response: 88740706
Conc: 44.43 ng/ml



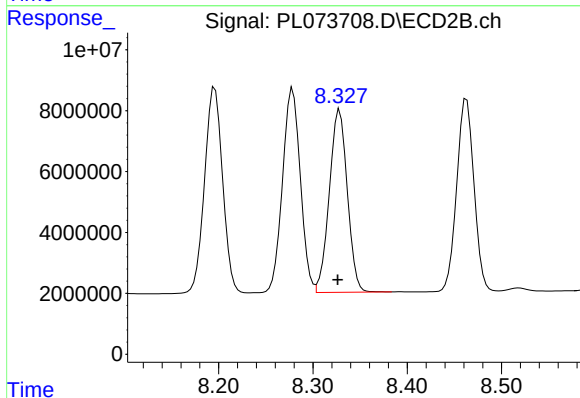
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 17612617
Conc: 42.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMS

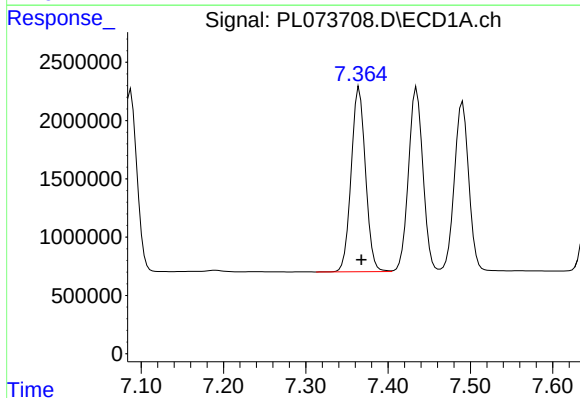
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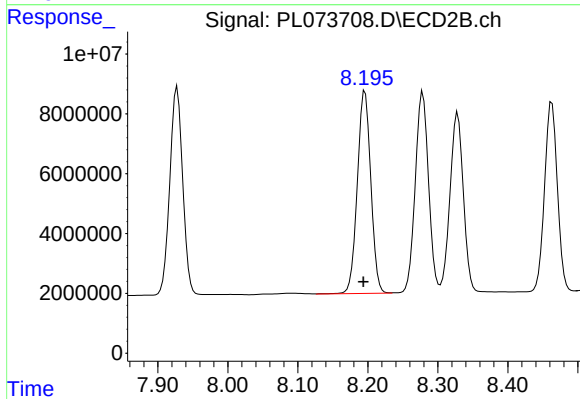
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.002 min
Response: 79663238
Conc: 43.64 ng/ml



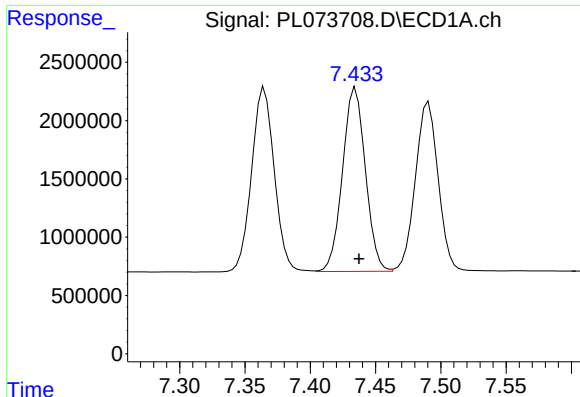
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 19085938
Conc: 43.64 ng/ml



#10 gamma-Chlordane

R.T.: 8.196 min
Delta R.T.: 0.002 min
Response: 90557627
Conc: 44.34 ng/ml



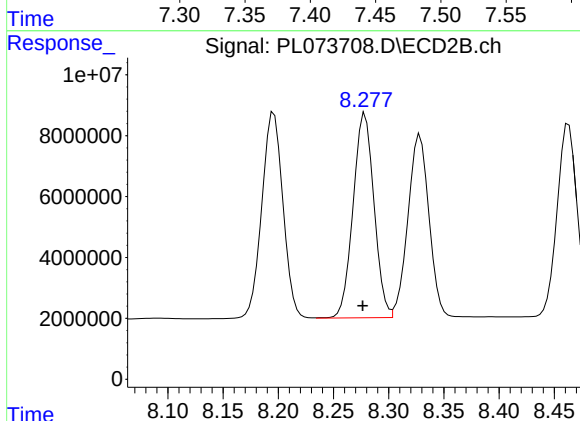
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 19191522
Conc: 43.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMS

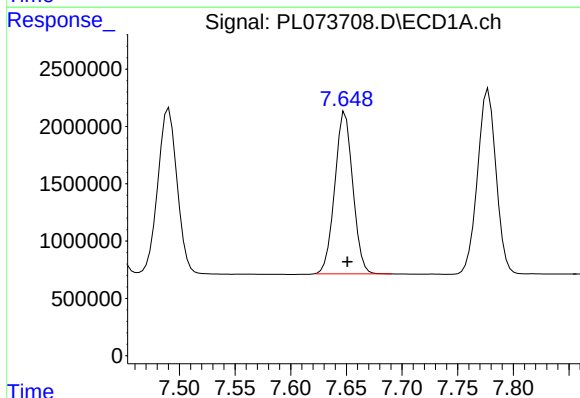
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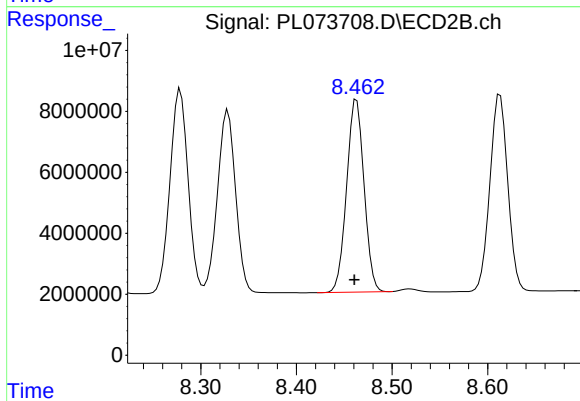
#11 alpha-Chlordane

R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 88510462
Conc: 44.26 ng/ml



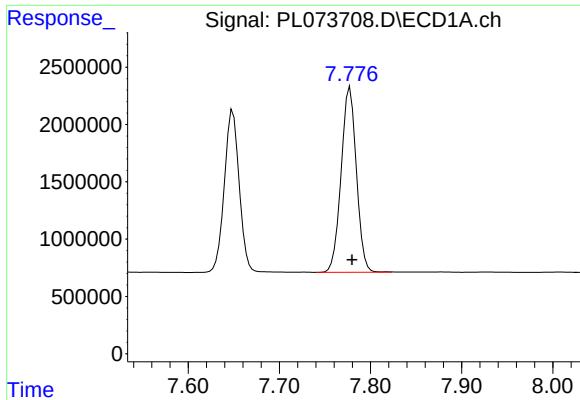
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 15890038
Conc: 44.28 ng/ml



#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.002 min
Response: 80348049
Conc: 44.83 ng/ml



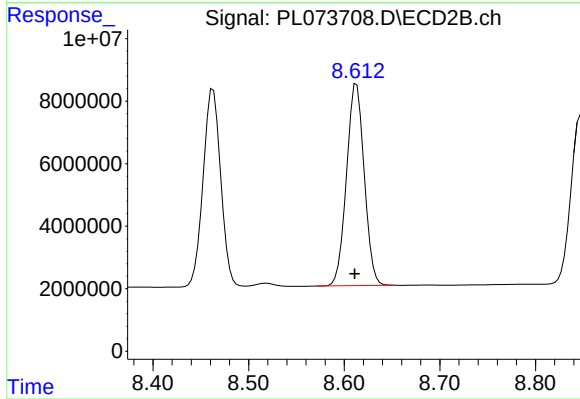
#13 Dieldrin

R.T.: 7.778 min
Delta R.T.: -0.002 min
Response: 18766822
Conc: 45.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMS

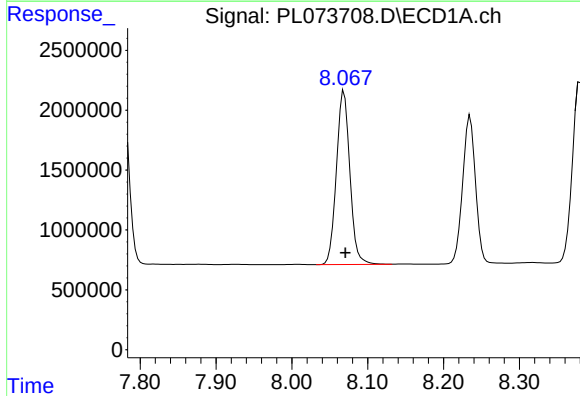
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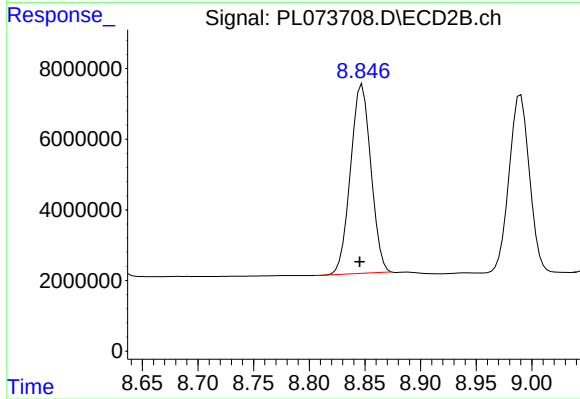
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.002 min
Response: 83469622
Conc: 45.25 ng/ml



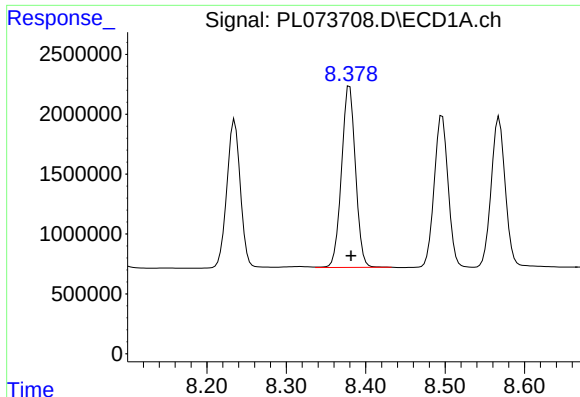
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 17938954
Conc: 46.23 ng/ml



#14 Endrin

R.T.: 8.848 min
Delta R.T.: 0.002 min
Response: 68329634
Conc: 44.39 ng/ml



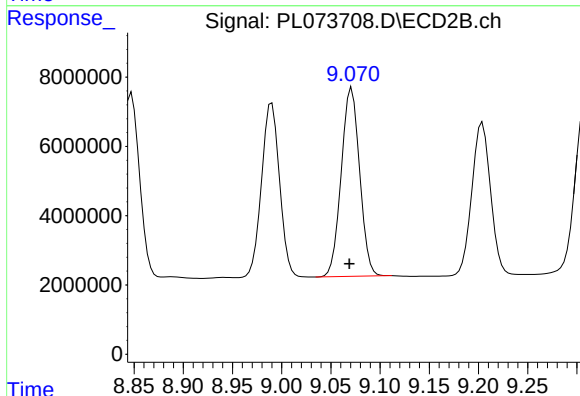
#15 Endosulfan II

R.T.: 8.380 min
Delta R.T.: -0.002 min
Response: 18544371
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMS

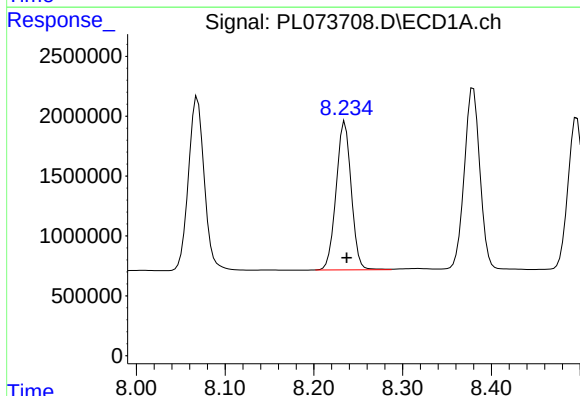
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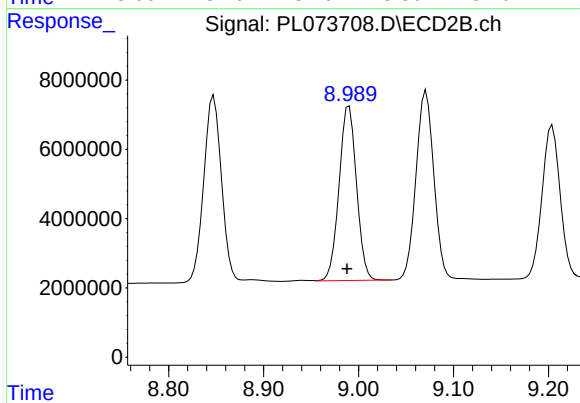
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 70842802
Conc: 46.13 ng/ml



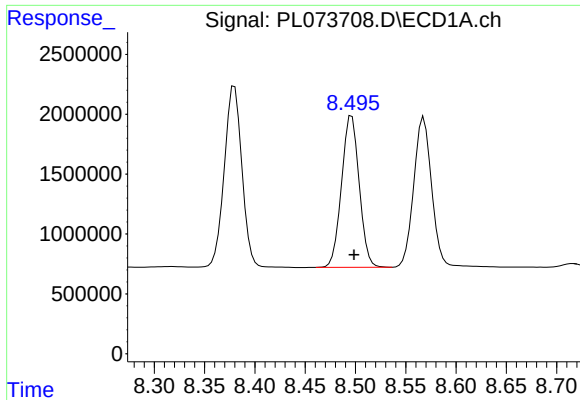
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 14665496
Conc: 45.16 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 64506432
Conc: 44.19 ng/ml



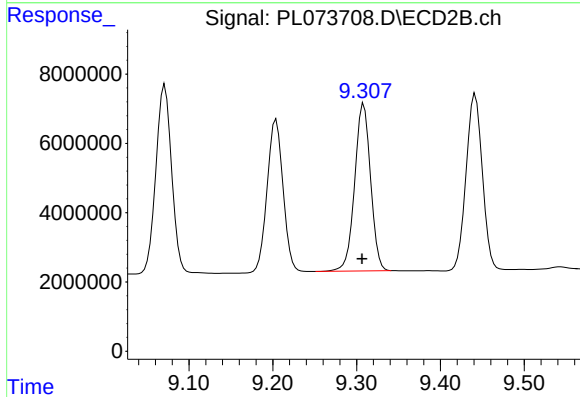
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 15417652
Conc: 40.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMS

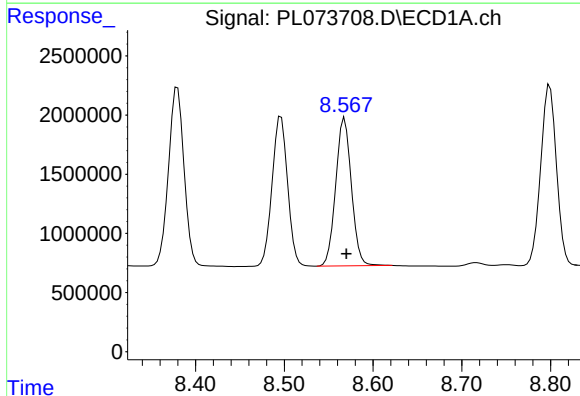
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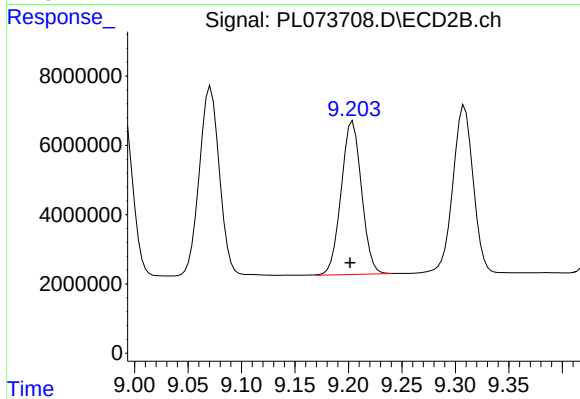
#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.002 min
Response: 63749044
Conc: 39.00 ng/ml



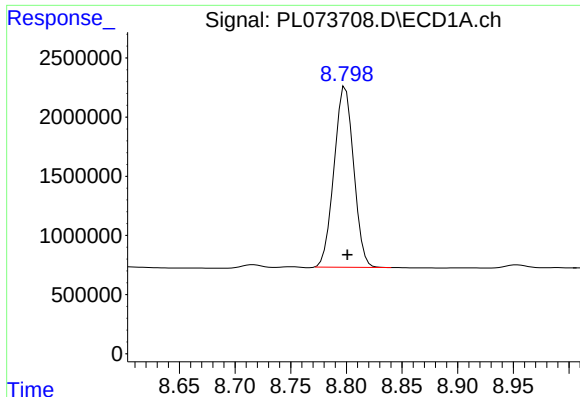
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 15359373
Conc: 48.57 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: 0.001 min
Response: 58714276
Conc: 47.88 ng/ml m



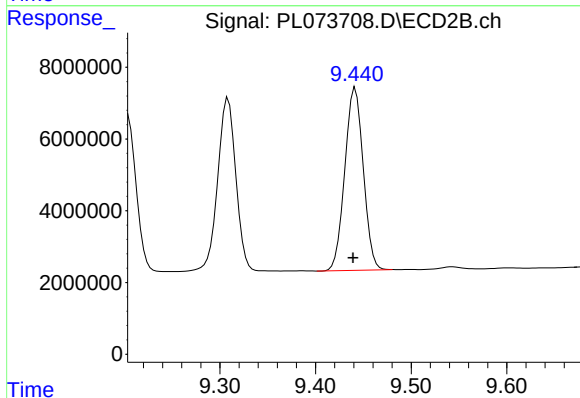
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 18738026
Conc: 44.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMS

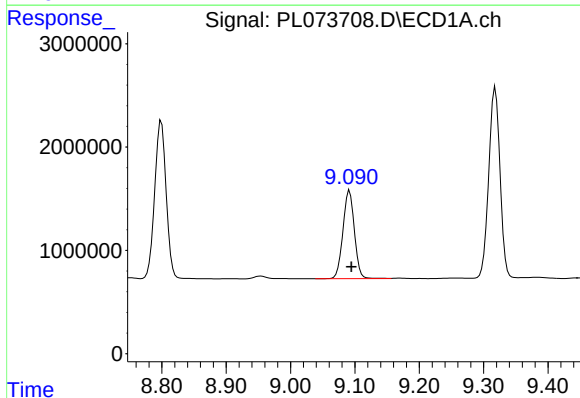
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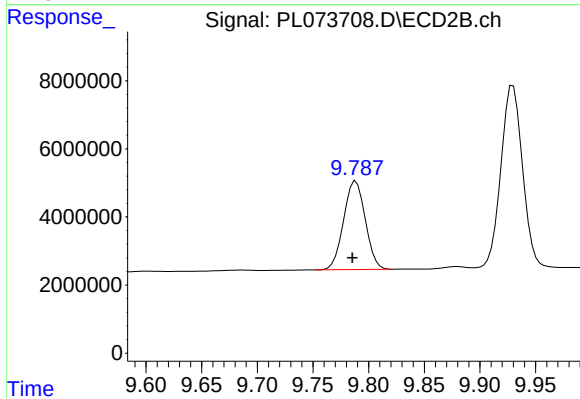
#19 Endosulfan Sulfate

R.T.: 9.442 min
Delta R.T.: 0.002 min
Response: 68587059
Conc: 43.52 ng/ml



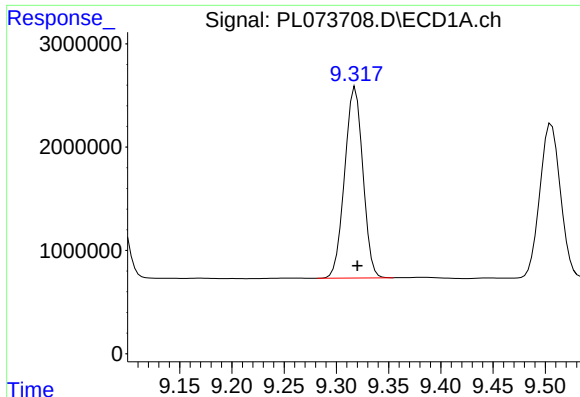
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 10575955
Conc: 41.23 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.003 min
Response: 35266928
Conc: 39.14 ng/ml



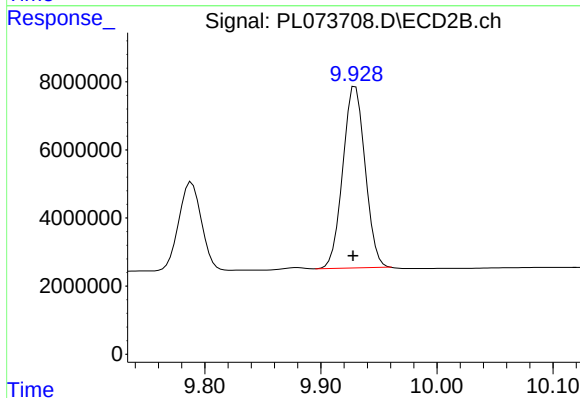
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 22398115
Conc: 45.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMS

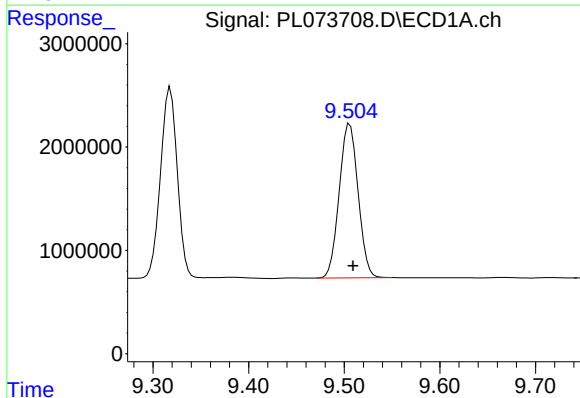
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Supervised By :mohammad ahmed 03/30/2022



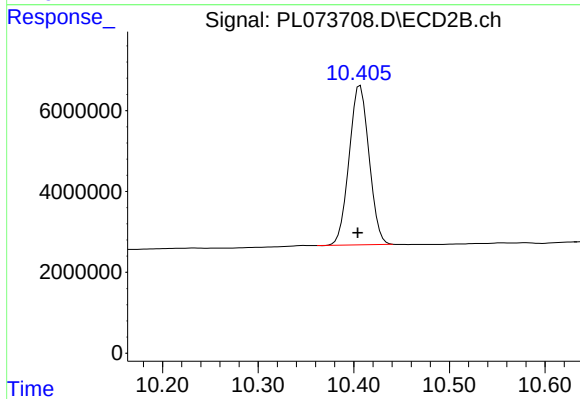
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.002 min
Response: 71225006
Conc: 43.15 ng/ml



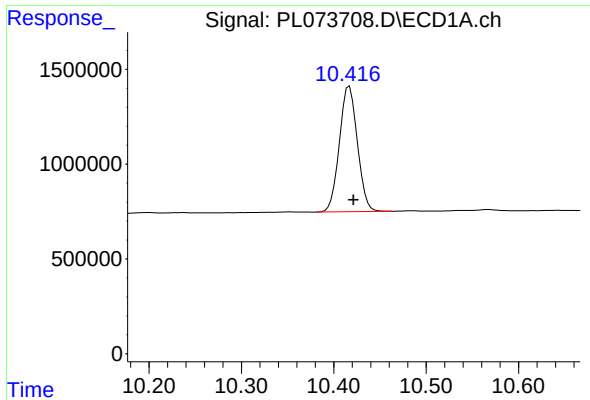
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 20503802
Conc: 43.48 ng/ml



#22 Mirex

R.T.: 10.407 min
Delta R.T.: 0.003 min
Response: 57203827
Conc: 42.11 ng/ml



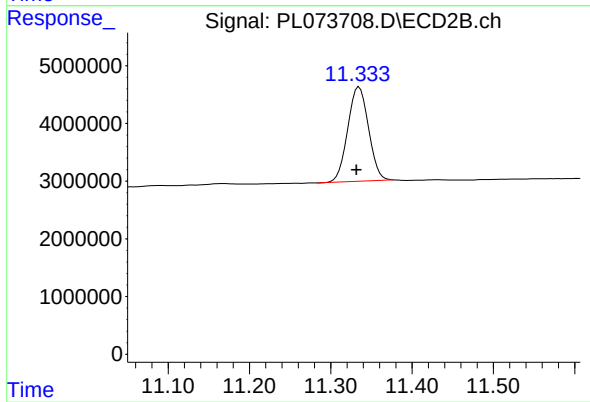
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 8955365
Conc: 17.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/29/2022
Supervised By :mohammad ahmed 03/30/2022



#28 Decachlorobiphenyl

R.T.: 11.335 min
Delta R.T.: 0.004 min
Response: 28998269
Conc: 16.22 ng/ml