

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032422\
 Data File : PL073663.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2022 16:21
 Operator : AR\AJ
 Sample : N2091-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MHBMS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:29:28 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...	4.641	5.492	5738013	30815254	17.915	18.775
28)	SA Decachlor...	10.416	11.333	8087527	27236800	15.905	15.232
Target Compounds							
2)	A alpha-BHC	5.350	6.054	20470463	123.7E6	49.661	54.980
3)	MA gamma-BHC...	5.773	6.443	20197560	114.5E6	48.420	53.650
4)	MA Heptachlor	6.184	7.103	21590235	119.1E6	47.851	50.845
5)	MB Aldrin	6.509	7.471	20794668	114.4E6	50.330	54.602
6)	B beta-BHC	6.152	6.680	9956671	50450024	48.358	48.399
7)	B delta-BHC	6.415	6.948	20403309	114.0E6	50.799	52.938
8)	B Heptachlo...	7.087	7.927	20913511	103.7E6	48.526	51.925
9)	A Endosulfan I	7.490	8.327	19709393	91892127	48.046	50.341
10)	B gamma-Chl...	7.364	8.195	21399602	103.9E6	48.935	50.863
11)	B alpha-Chl...	7.434	8.277	21557434	101.7E6	48.780	50.828
12)	B 4,4'-DDE	7.648	8.462	17824073	92959415	49.672	51.864
13)	MA Dieldrin	7.777	8.612	21159110	96909140	50.787	52.533
14)	MA Endrin	8.068	8.847	20417614	79860073	52.622	51.877
15)	B Endosulfa...	8.379	9.070	20274589	81149520	51.870	52.837
16)	A 4,4'-DDD	8.234	8.989	15716319	72494550	48.397	49.664
17)	MA 4,4'-DDT	8.495	9.307	17771624	75738224	46.992	46.336
18)	B Endrin al...	8.567	9.202	16342971	64513040	51.678	52.607m
19)	B Endosulfa...	8.798	9.440	20614501	77521084	48.801	49.186
20)	A Methoxychlor	9.091	9.787	12129867	41984666	47.284	46.594
21)	B Endrin ke...	9.317	9.929	24071057	80768456	49.203	48.933
22)	Mirex	9.505	10.405	22301676	65724429	47.293	48.382

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032422\
 Data File : PL073663.D
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 Acq On : 24 Mar 2022 16:21
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

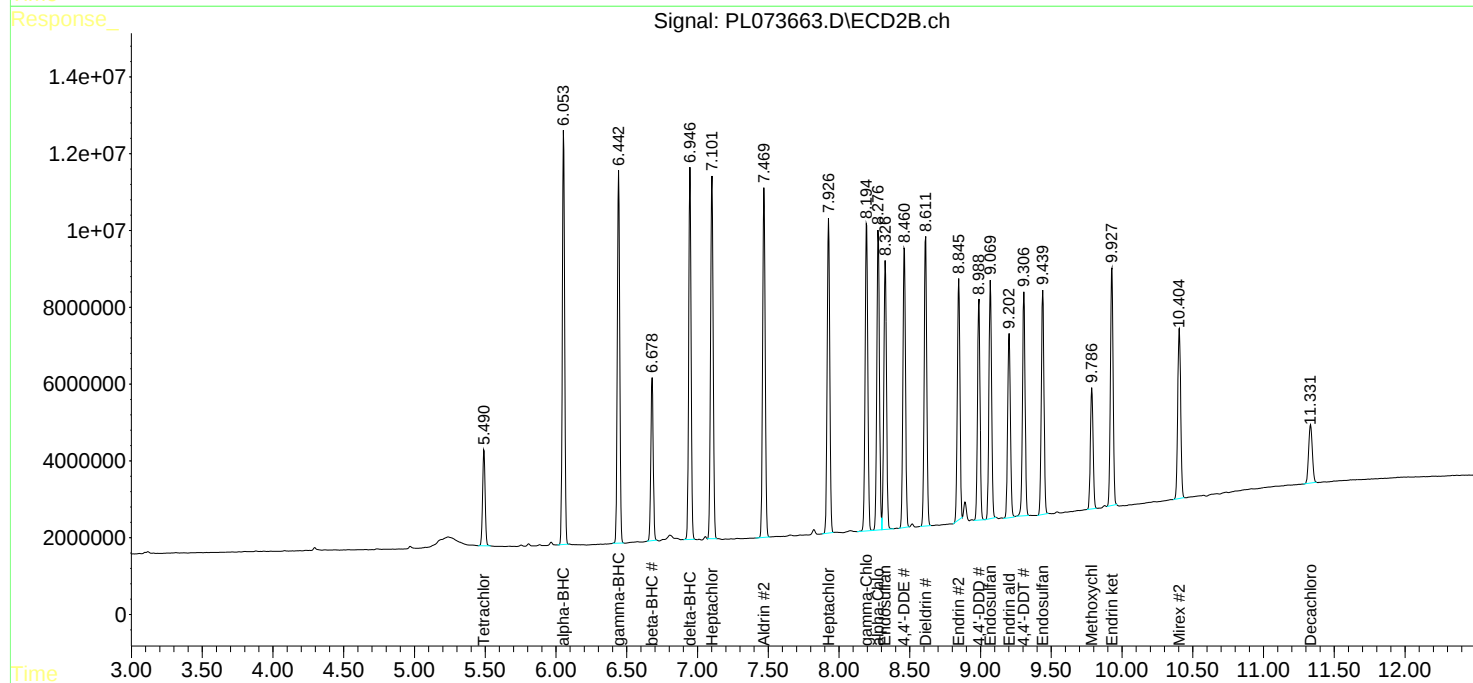
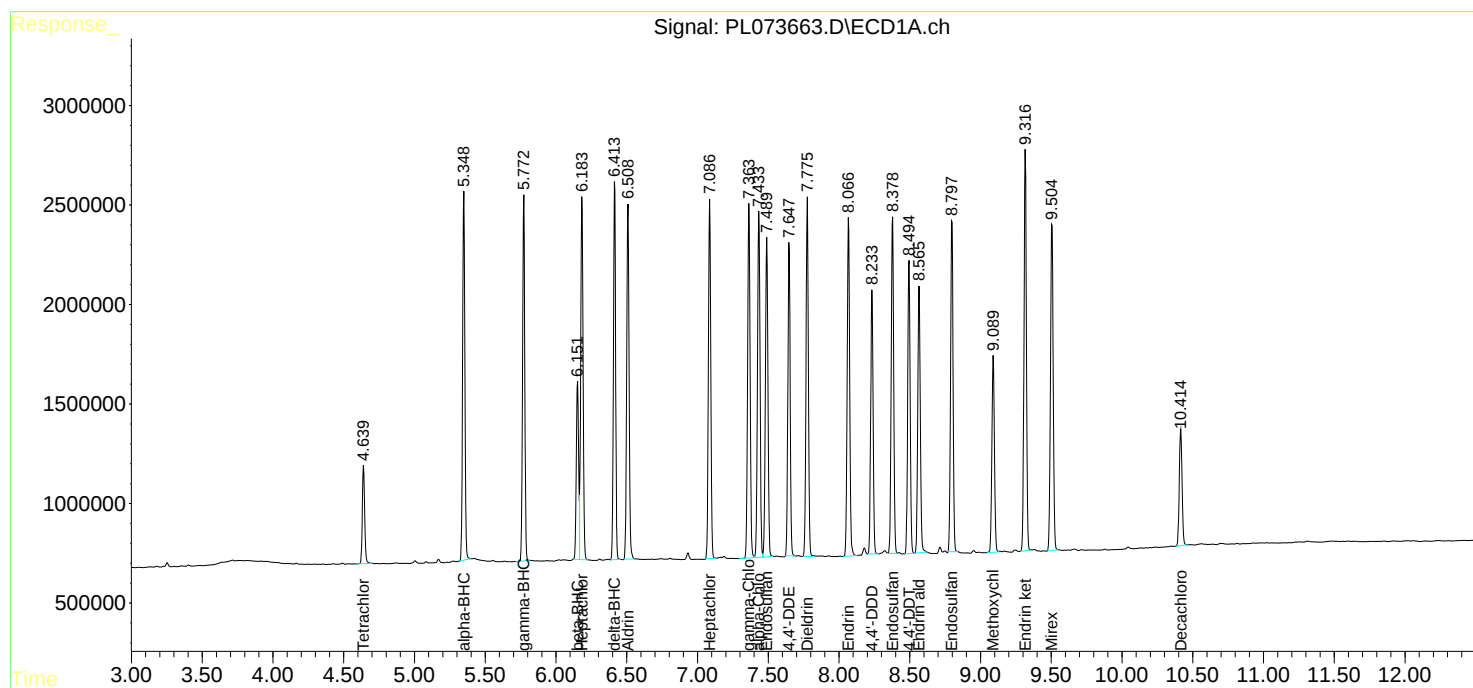
Instrument :
 ECD_L
 ClientSampleId :
 MHBMS

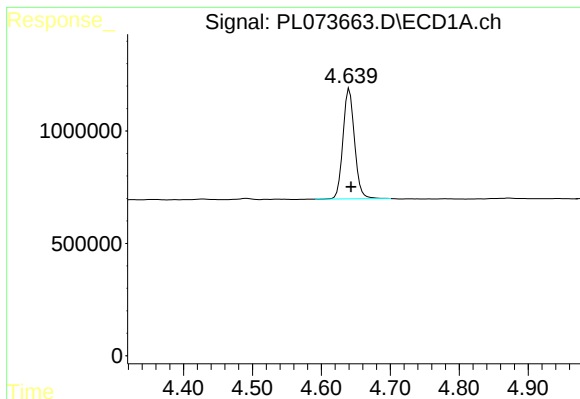
Manual Integrations APPROVED

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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 25 01:29:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
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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





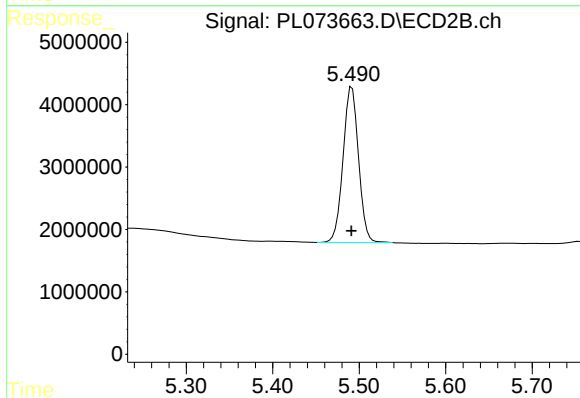
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 5738013
Conc: 17.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

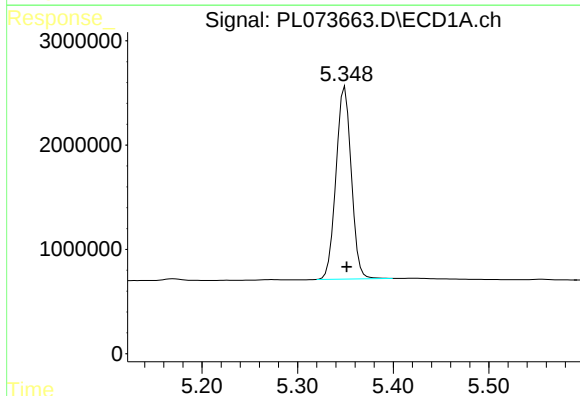
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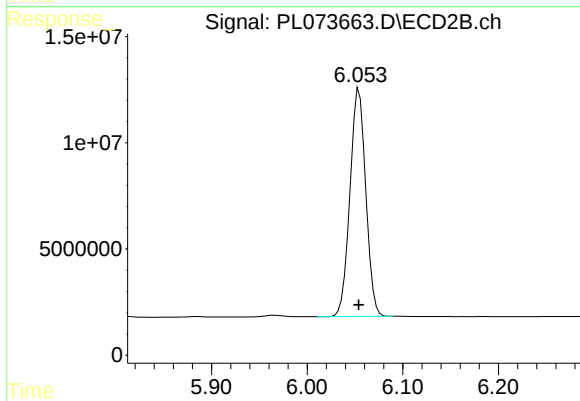
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 30815254
Conc: 18.78 ng/ml



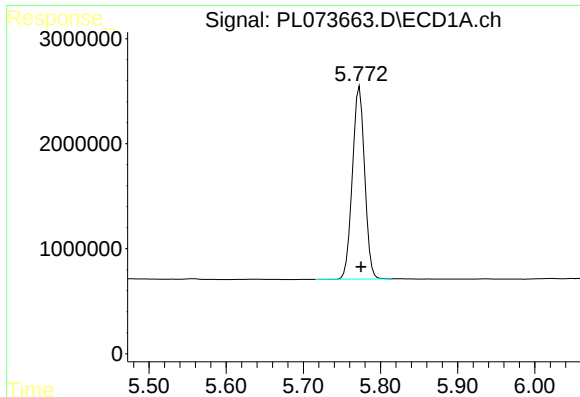
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 20470463
Conc: 49.66 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 123685447
Conc: 54.98 ng/ml



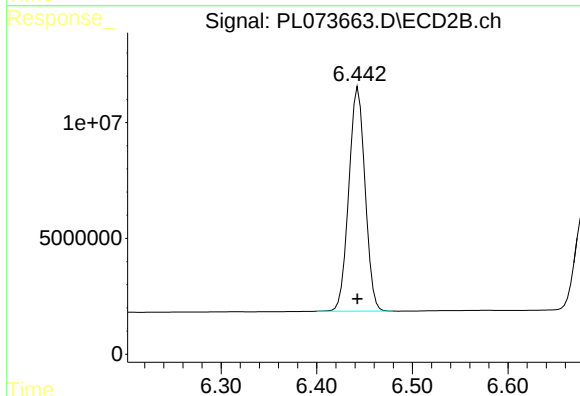
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 20197560
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

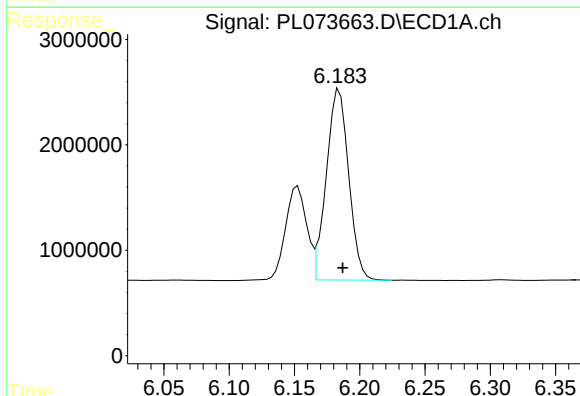
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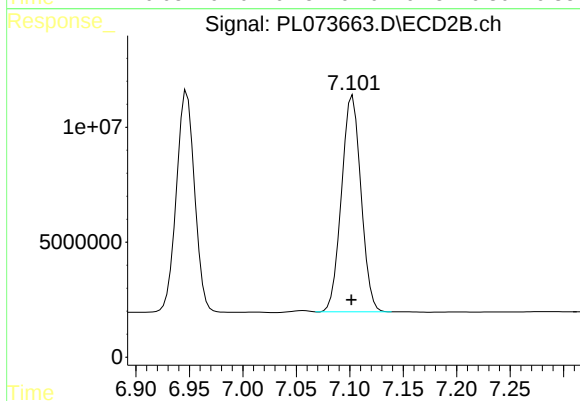
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 114547917
Conc: 53.65 ng/ml



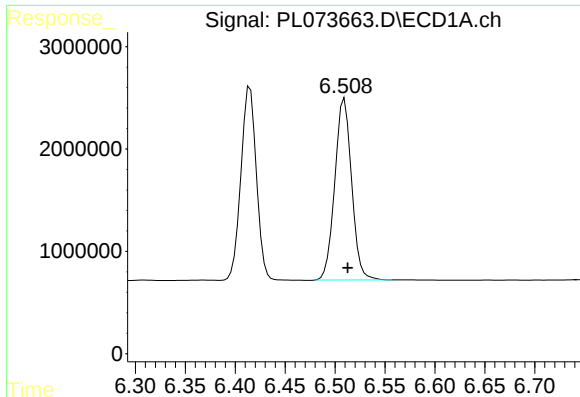
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 21590235
Conc: 47.85 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 119134526
Conc: 50.84 ng/ml



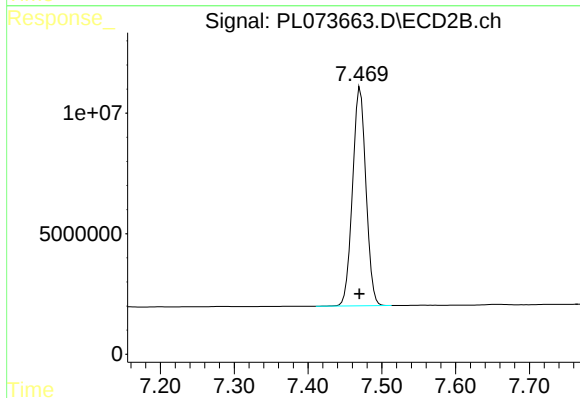
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 20794668
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

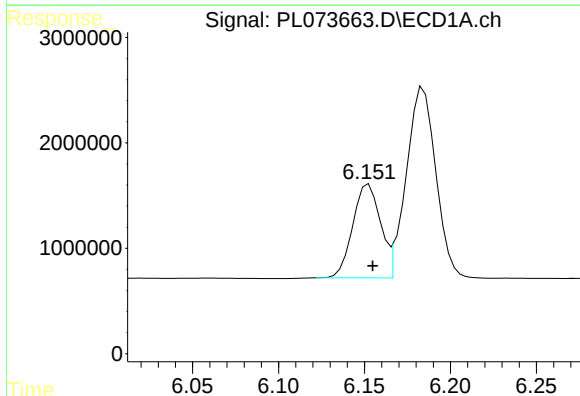
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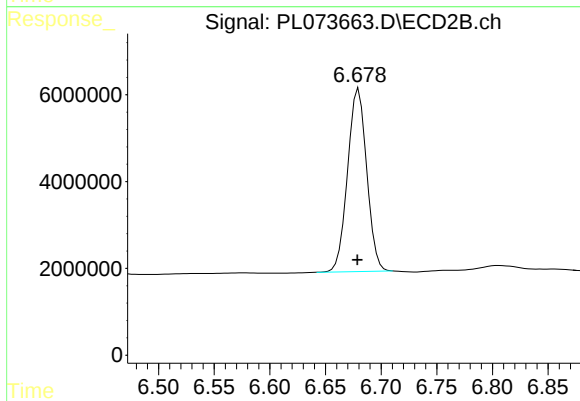
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 114389393
Conc: 54.60 ng/ml



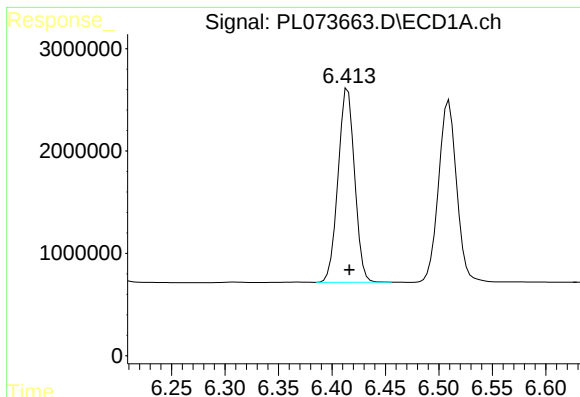
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 9956671
Conc: 48.36 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 50450024
Conc: 48.40 ng/ml



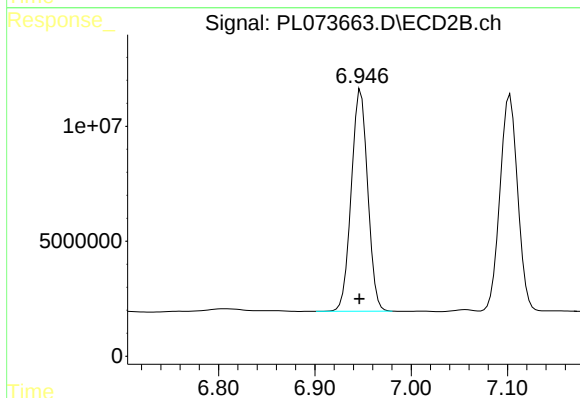
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.002 min
Response: 20403309
Conc: 50.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

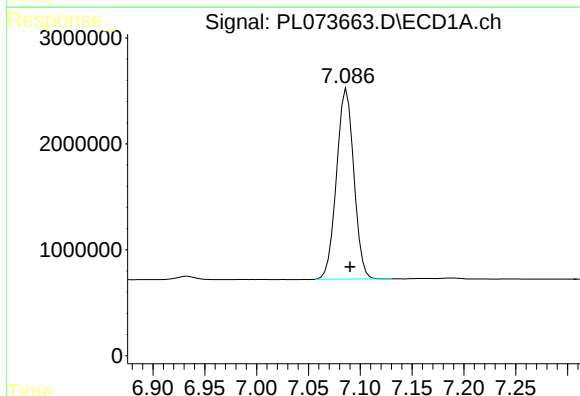
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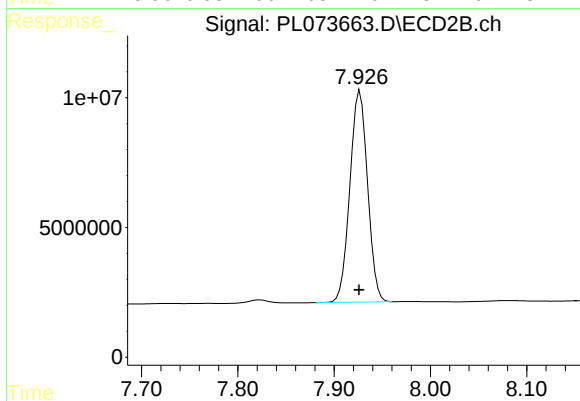
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.001 min
Response: 114004207
Conc: 52.94 ng/ml



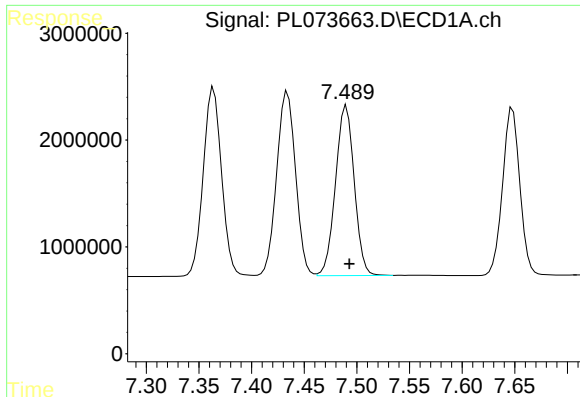
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 20913511
Conc: 48.53 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 103709595
Conc: 51.92 ng/ml



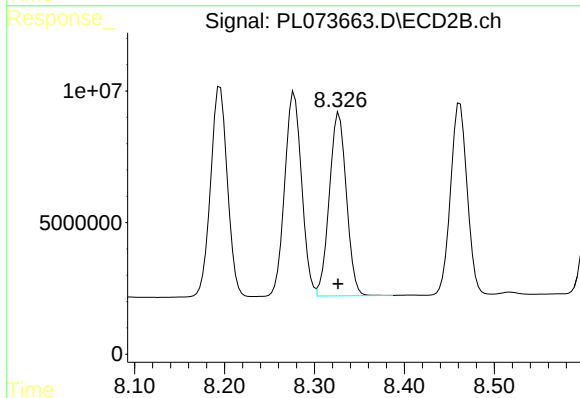
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 19709393
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

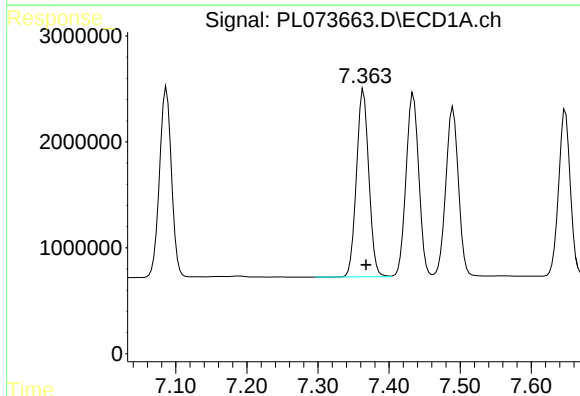
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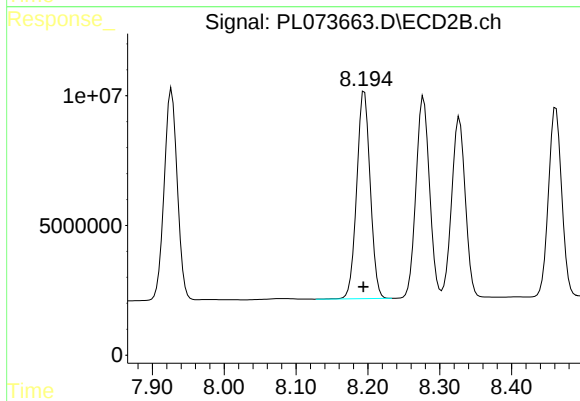
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 91892127
Conc: 50.34 ng/ml



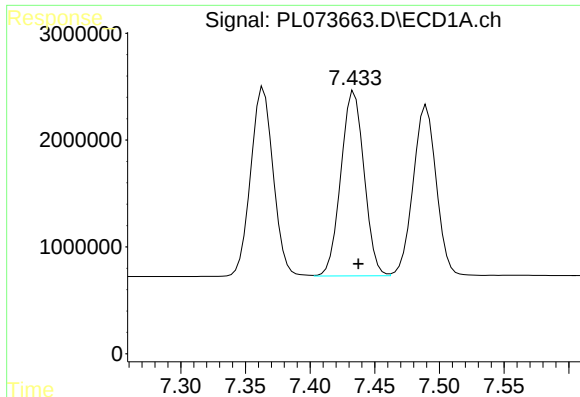
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 21399602
Conc: 48.94 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.001 min
Response: 103883525
Conc: 50.86 ng/ml



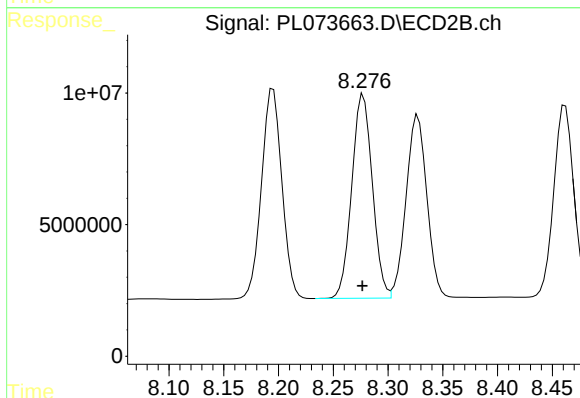
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.003 min
Response: 21557434
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

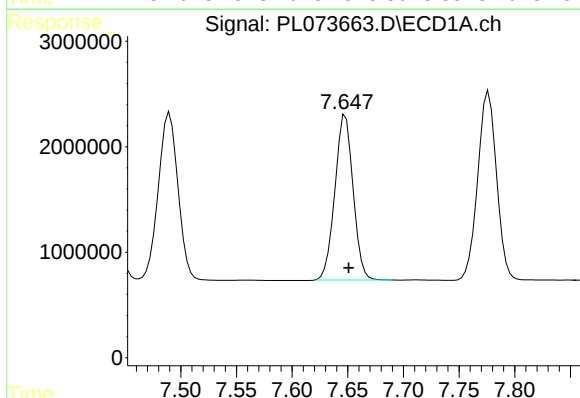
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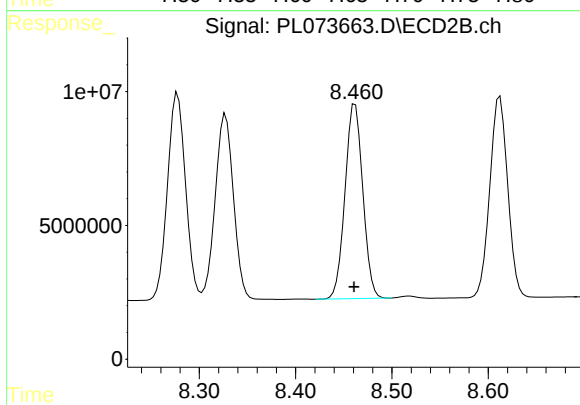
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 101656478
Conc: 50.83 ng/ml



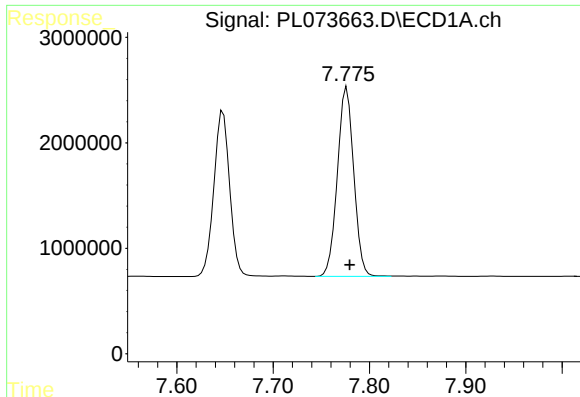
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 17824073
Conc: 49.67 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 92959415
Conc: 51.86 ng/ml



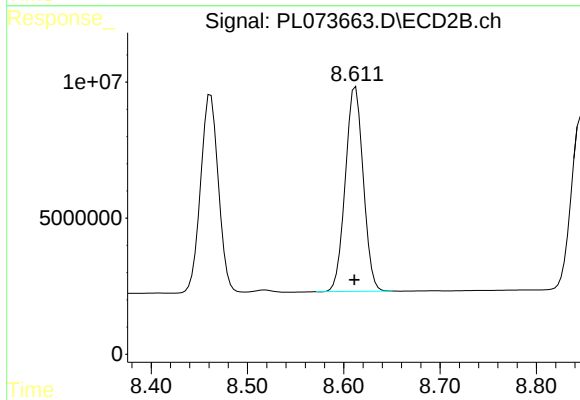
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 21159110
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

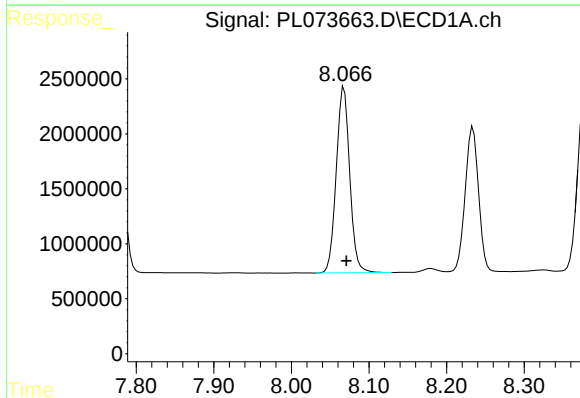
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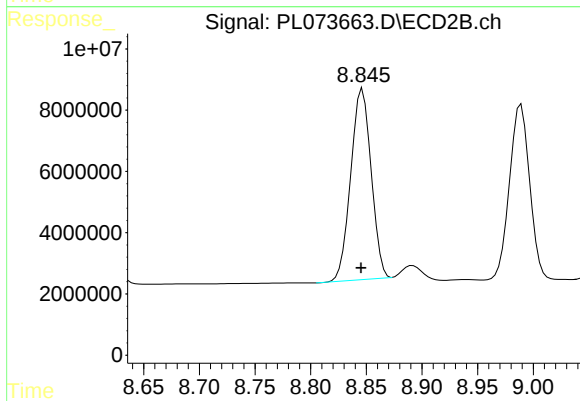
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.001 min
Response: 96909140
Conc: 52.53 ng/ml



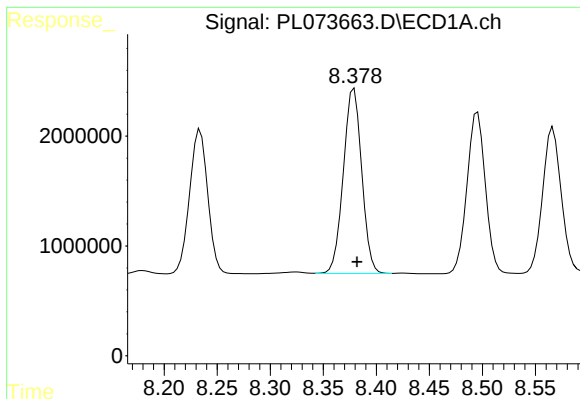
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 20417614
Conc: 52.62 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 79860073
Conc: 51.88 ng/ml



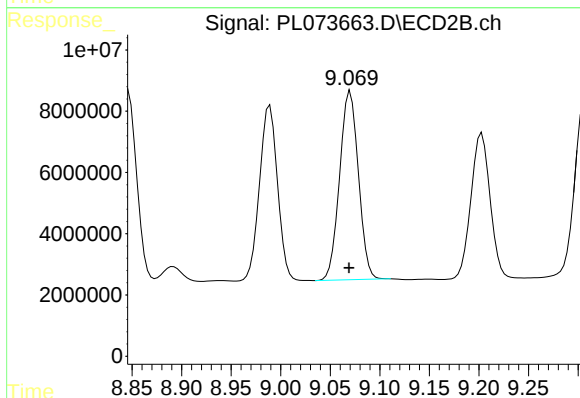
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 20274589
Conc: 51.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

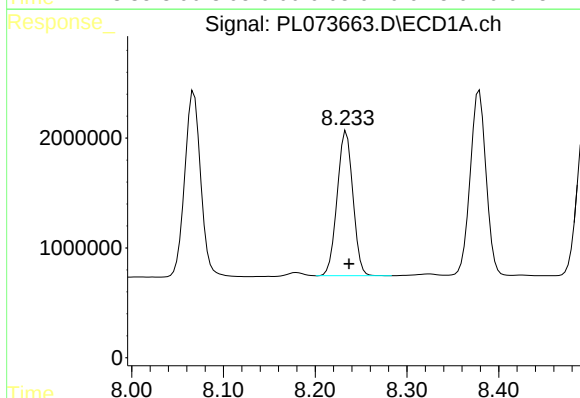
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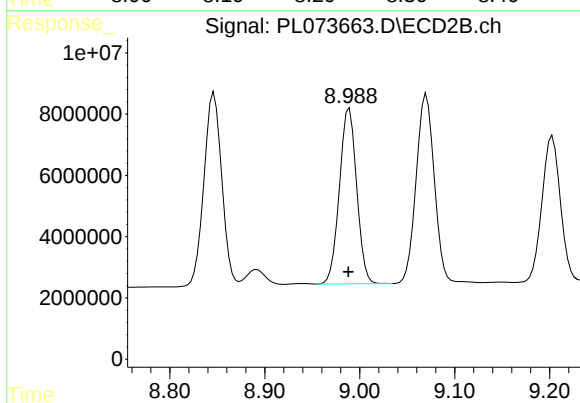
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 81149520
Conc: 52.84 ng/ml



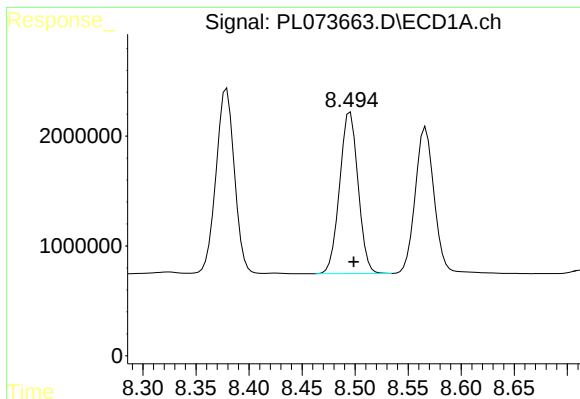
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 15716319
Conc: 48.40 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.001 min
Response: 72494550
Conc: 49.66 ng/ml



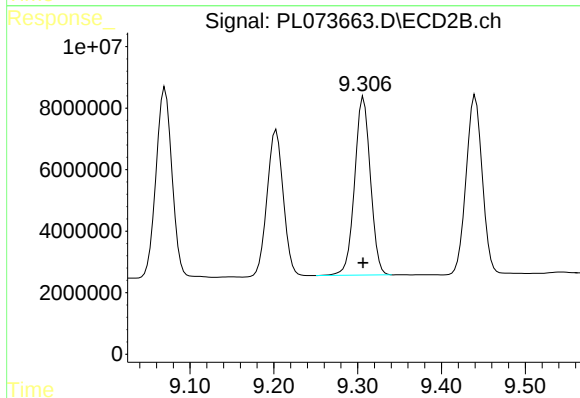
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.003 min
Response: 17771624
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

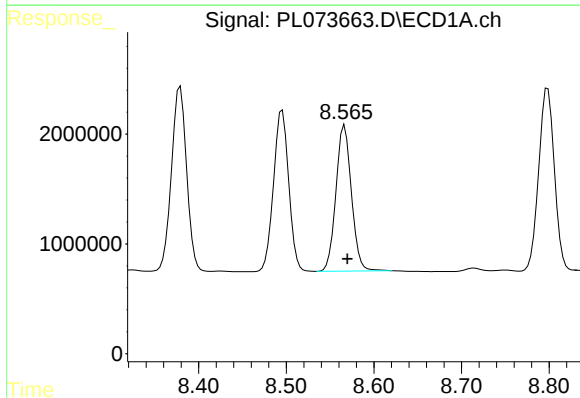
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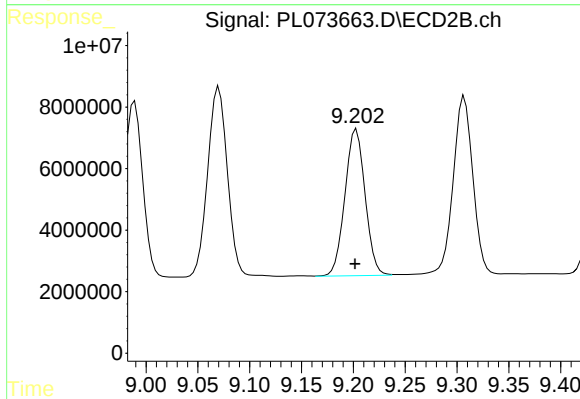
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 75738224
Conc: 46.34 ng/ml



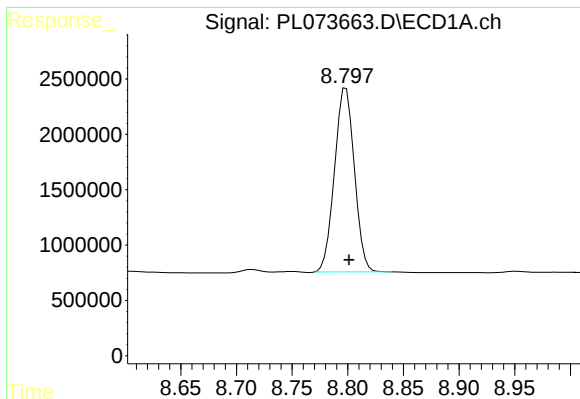
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 16342971
Conc: 51.68 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 64513040
Conc: 52.61 ng/ml m



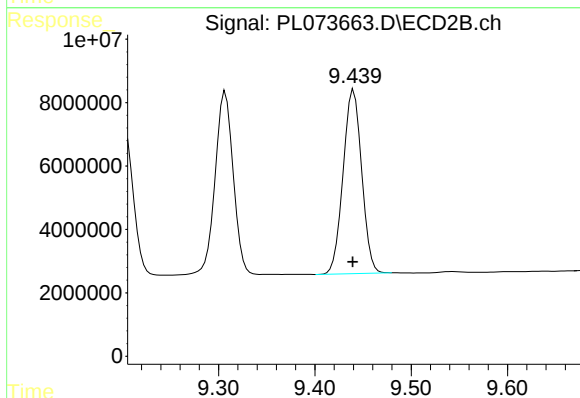
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 20614501
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

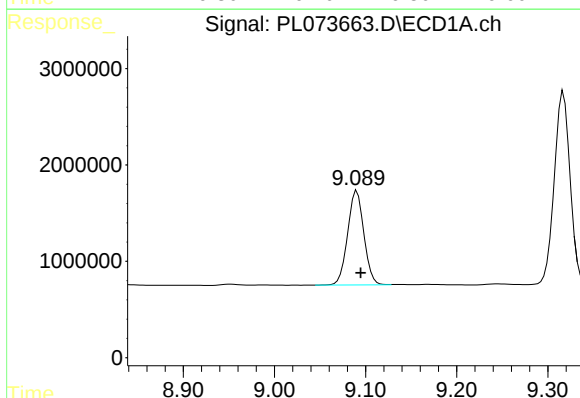
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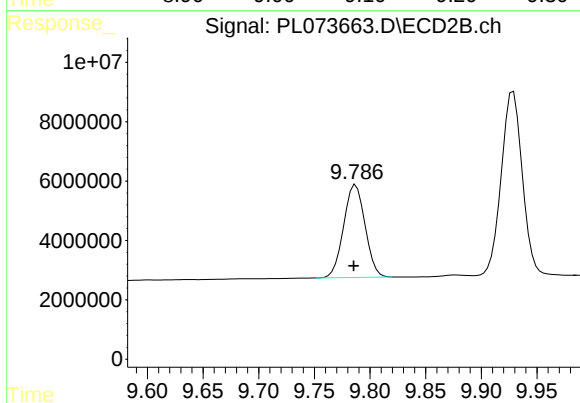
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.001 min
Response: 77521084
Conc: 49.19 ng/ml



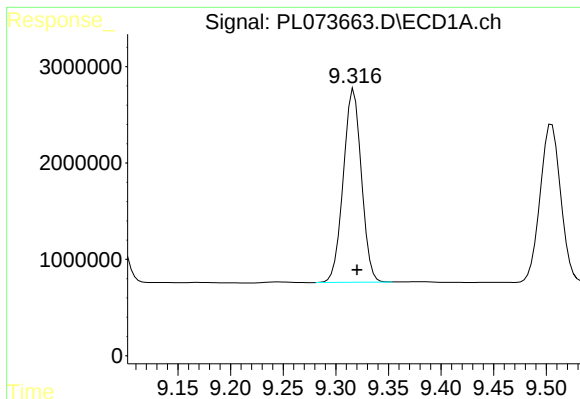
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.004 min
Response: 12129867
Conc: 47.28 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 41984666
Conc: 46.59 ng/ml



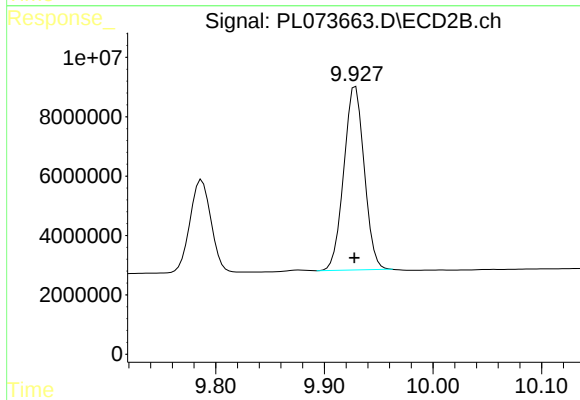
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 24071057
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

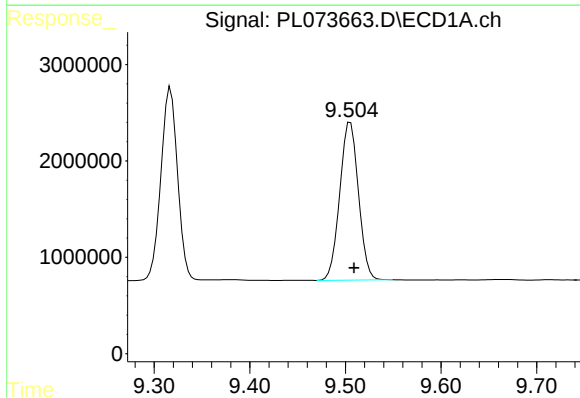
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Supervised By :mohammad ahmed 03/25/2022



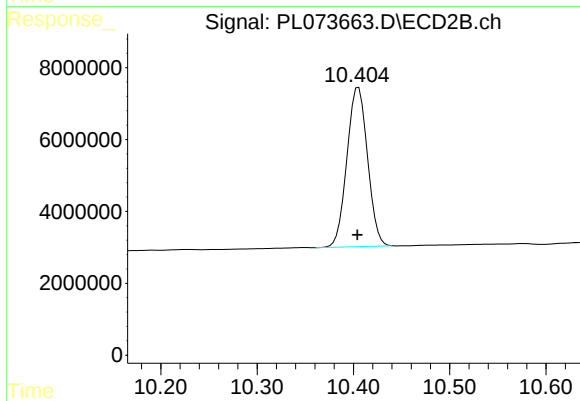
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.001 min
Response: 80768456
Conc: 48.93 ng/ml



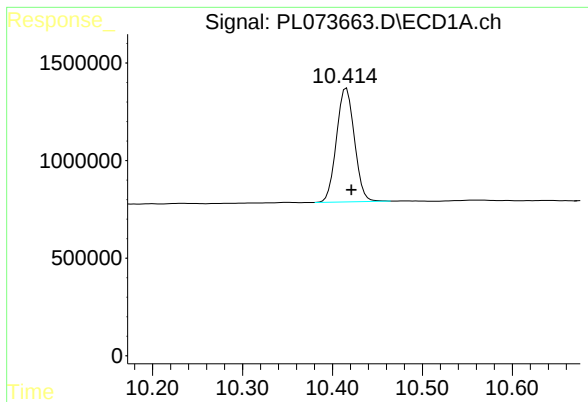
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 22301676
Conc: 47.29 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.001 min
Response: 65724429
Conc: 48.38 ng/ml



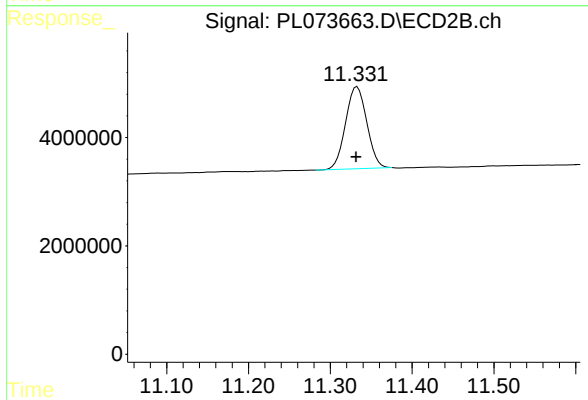
#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 8087527
Conc: 15.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.001 min
Response: 27236800
Conc: 15.23 ng/ml