

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
 Data File : PL073622.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2022 19:53
 Operator : AR\AJ
 Sample : N2058-02MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MHAMSD

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 04:33:35 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	5.491	5614966	29726890	17.531	18.112
28)	SA Decachlor...	10.415	11.332	9317582	33069069	18.324	18.493
Target Compounds							
2)	A alpha-BHC	5.349	6.054	21020908	122.4E6	50.997	54.404
3)	MA gamma-BHC...	5.773	6.443	21062680	113.9E6	50.493	53.332
4)	MA Heptachlor	6.184	7.102	21871561	117.4E6	48.474	50.097
5)	MB Aldrin	6.509	7.470	20158403	107.1E6	48.790	51.125
6)	B beta-BHC	6.152	6.679	10259998	51352710	49.831	49.265
7)	B delta-BHC	6.414	6.947	21024003	114.6E6	52.344	53.228
8)	B Heptachlo...	7.086	7.926	21765082	103.9E6	50.501	52.019
9)	A Endosulfan I	7.489	8.326	20835004	94210073	50.790	51.611
10)	B gamma-Chl...	7.364	8.195	22127164	103.9E6	50.599	50.880
11)	B alpha-Chl...	7.433	8.277	22363314	102.0E6	50.603	51.014
12)	B 4,4'-DDE	7.648	8.461	18399569	93777339	51.275	52.320
13)	MA Dieldrin	7.776	8.611	21429856	95494724	51.437	51.766
14)	MA Endrin	8.066	8.846	20925740	81729768	53.932	53.091
15)	B Endosulfa...	8.377	9.069	20017429	78626175	51.212	51.194
16)	A 4,4'-DDD	8.232	8.988	16788836	75133995	51.700	51.472
17)	MA 4,4'-DDT	8.494	9.307	18130017	79547794	47.940	48.667
18)	B Endrin al...	8.566	9.201	16132200	62215175	51.011	50.734m
19)	B Endosulfa...	8.797	9.440	21567708	80317703	51.057	50.961
20)	A Methoxychlor	9.089	9.787	12140886	42385536	47.327	47.039
21)	B Endrin ke...	9.316	9.928	25278072	84027461	51.670	50.907
22)	Mirex	9.504	10.404	25932402	77330584	54.993	56.925

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073222\
 Data File : PL073622.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2022 19:53
 Operator : AR\AJ
 Sample : N2058-02MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

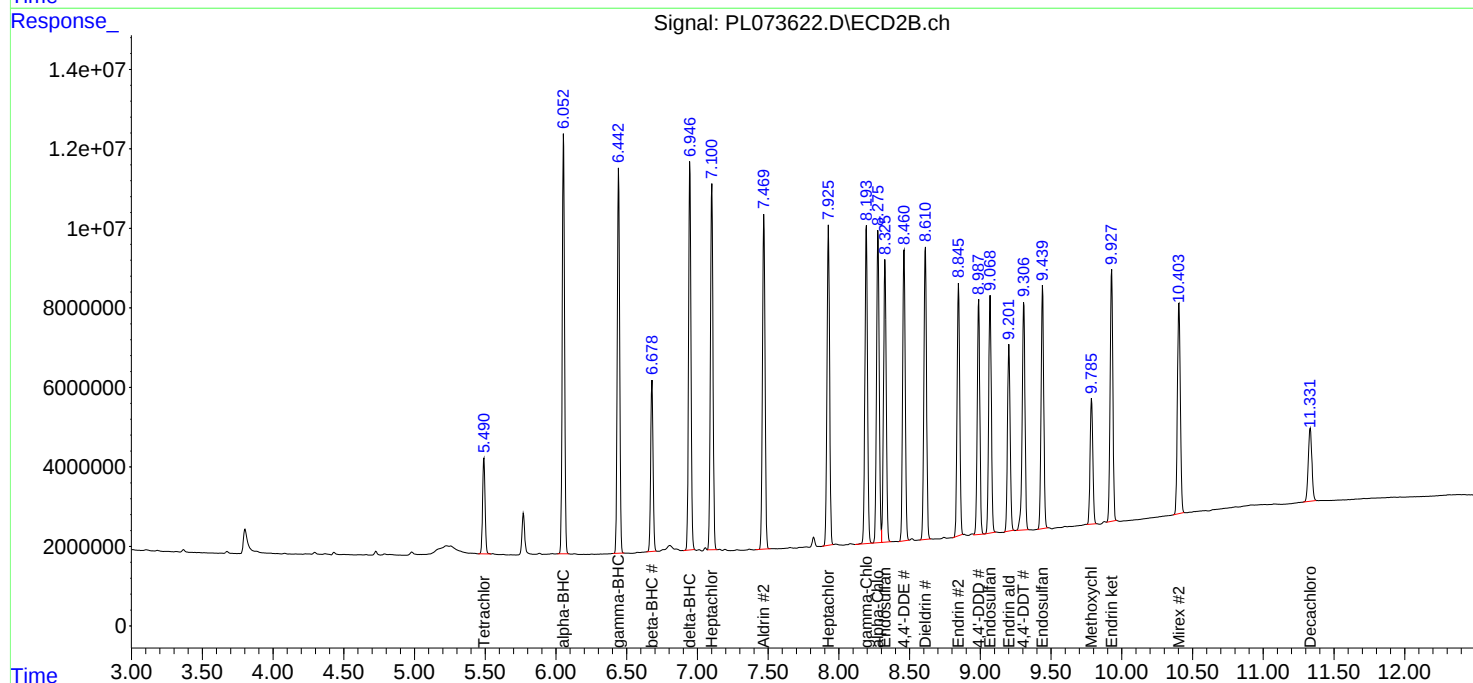
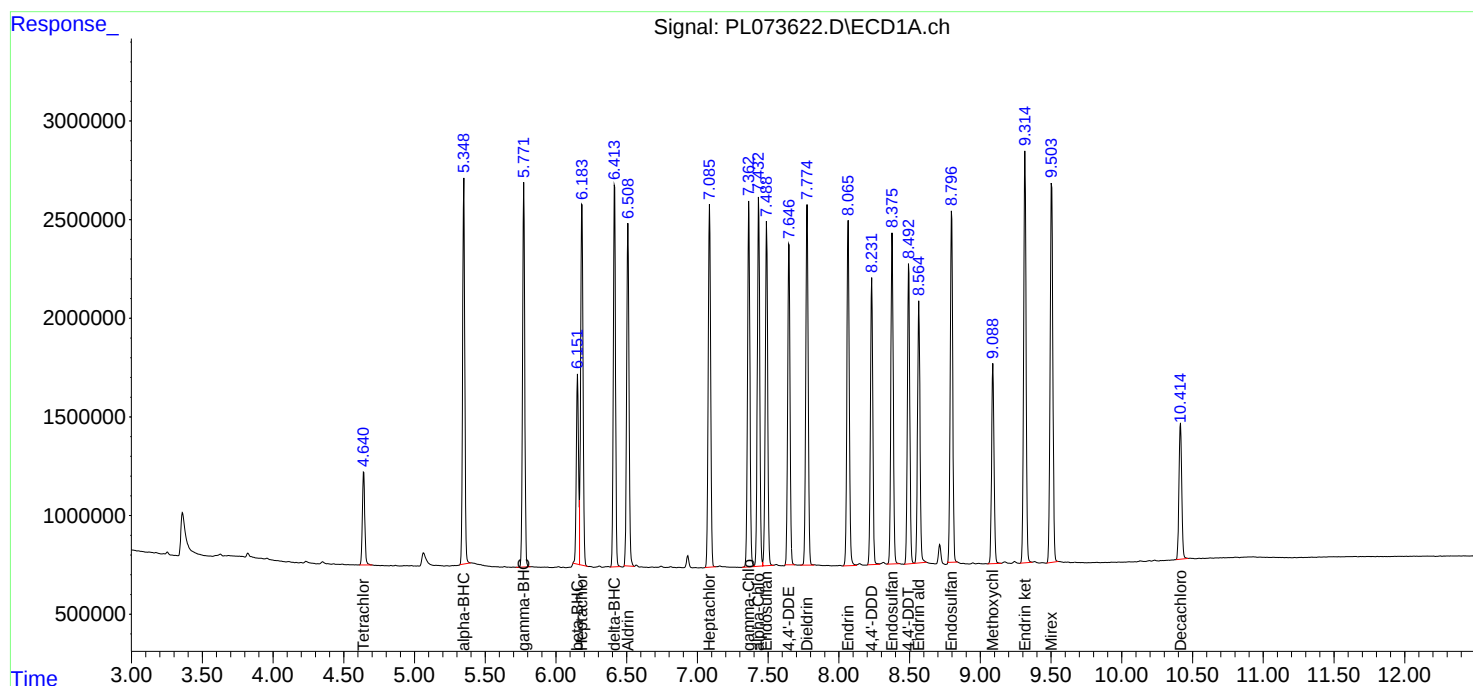
Instrument :
 ECD_L
 ClientSampleId :
 MHAMSD

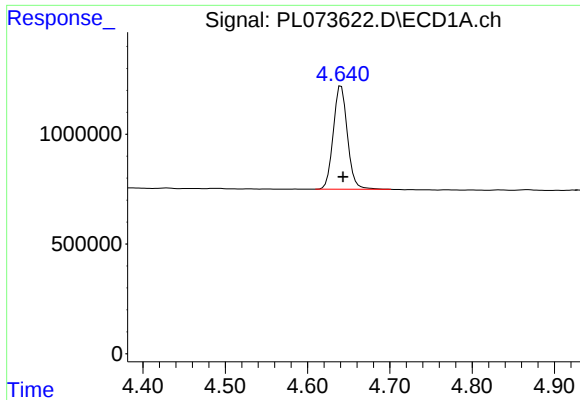
Manual Integrations APPROVED

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 04:33:35 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





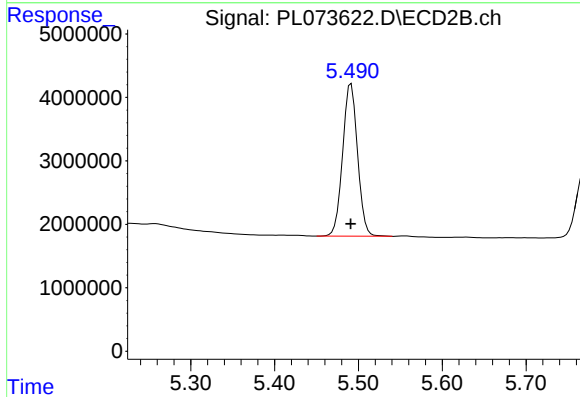
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 5614966
Conc: 17.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMSD

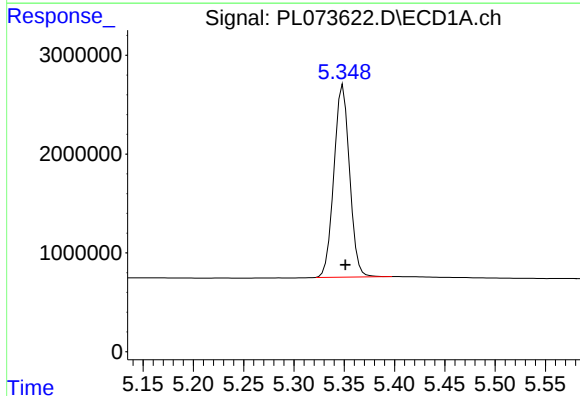
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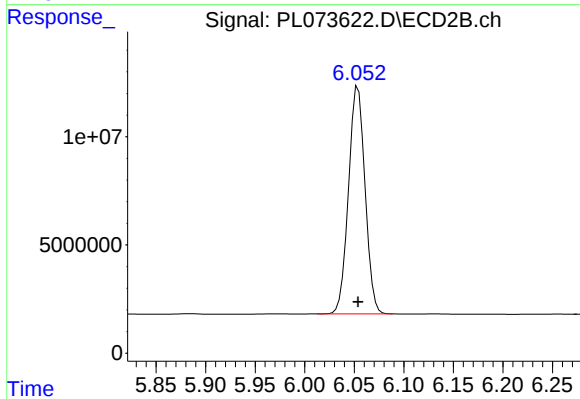
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 29726890
Conc: 18.11 ng/ml



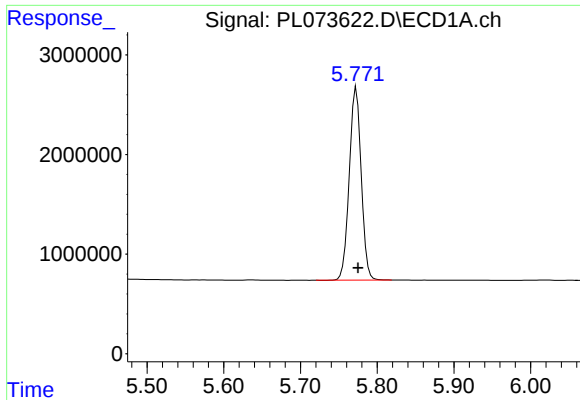
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 21020908
Conc: 51.00 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 122390506
Conc: 54.40 ng/ml



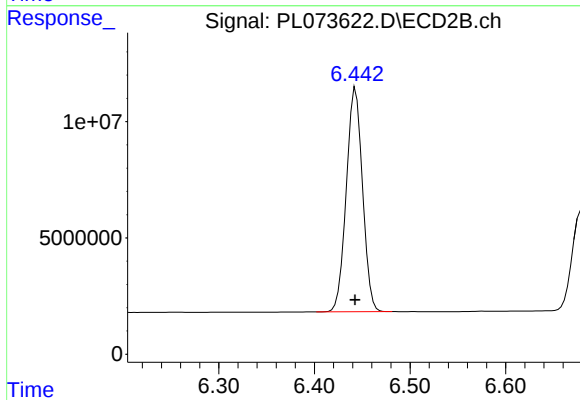
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 21062680
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMSD

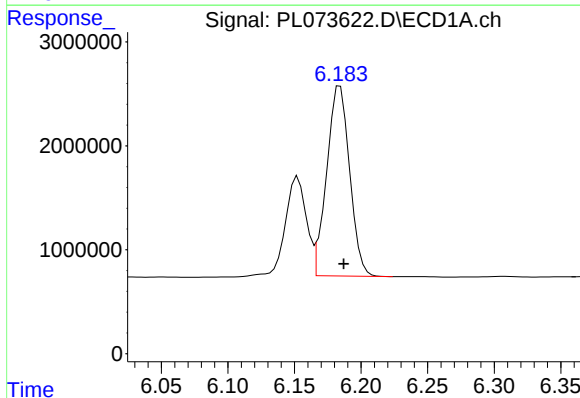
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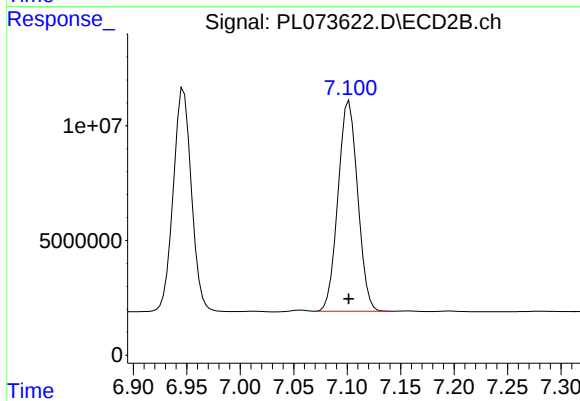
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 113869034
Conc: 53.33 ng/ml



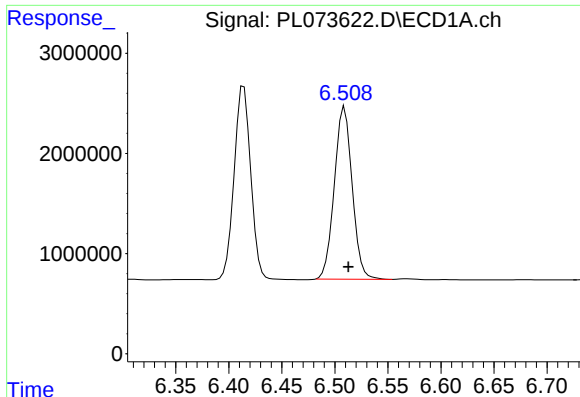
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 21871561
Conc: 48.47 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 117382226
Conc: 50.10 ng/ml



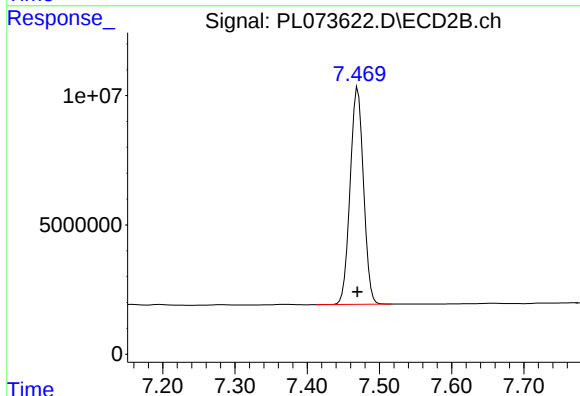
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 20158403
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMSD

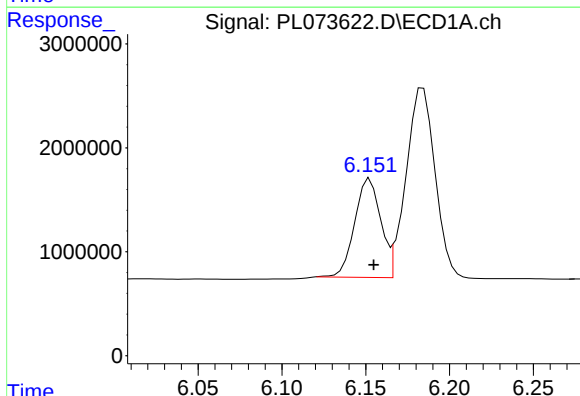
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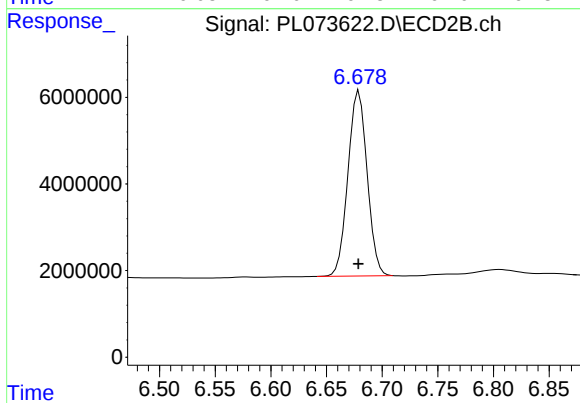
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 107104906
Conc: 51.12 ng/ml



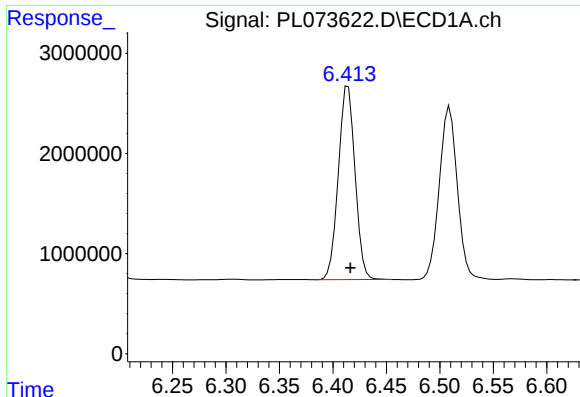
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 10259998
Conc: 49.83 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 51352710
Conc: 49.27 ng/ml



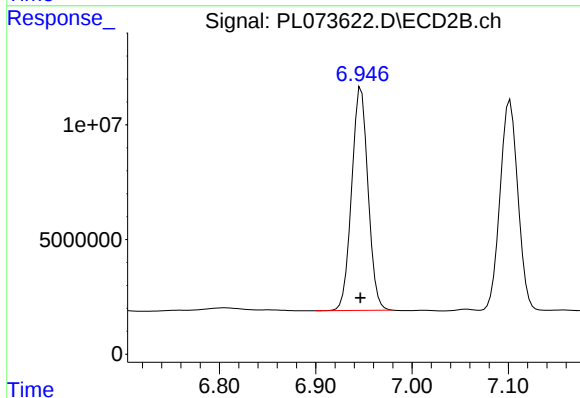
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 21024003
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMSD

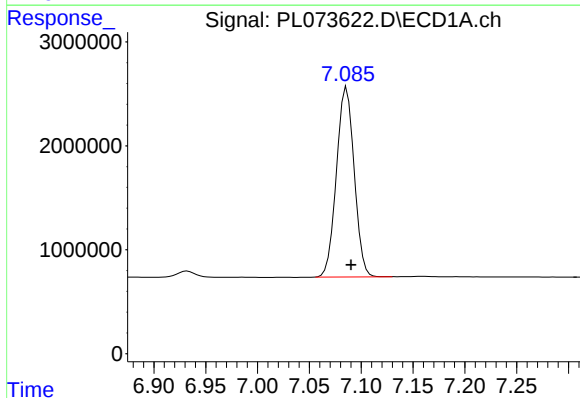
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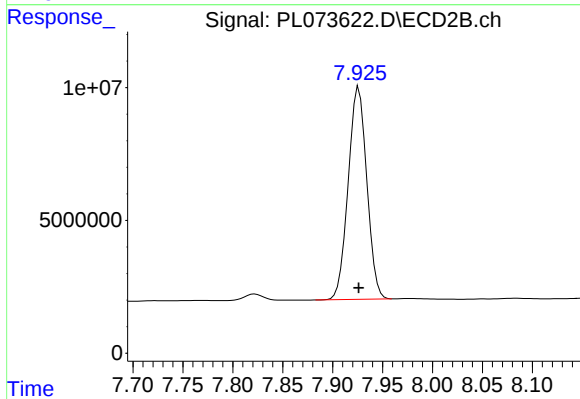
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 114630175
Conc: 53.23 ng/ml



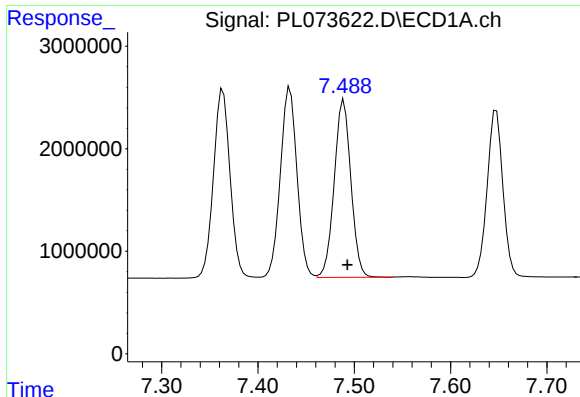
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 21765082
Conc: 50.50 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 103897709
Conc: 52.02 ng/ml



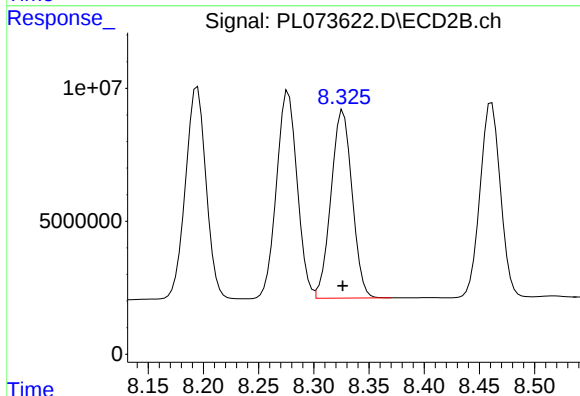
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 20835004
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMSD

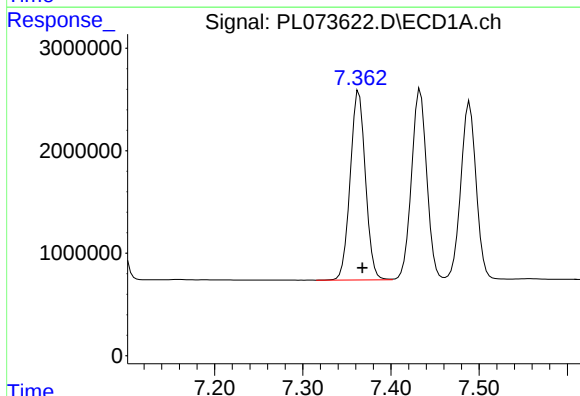
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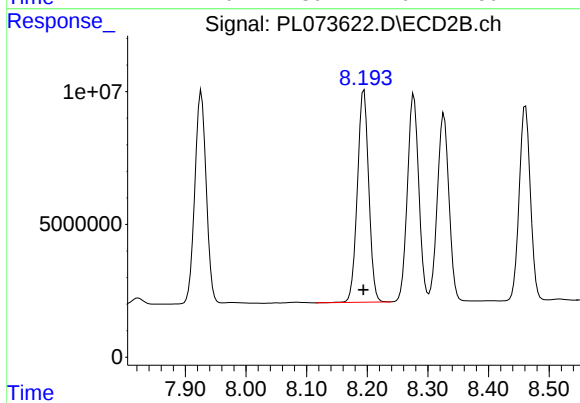
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 94210073
Conc: 51.61 ng/ml



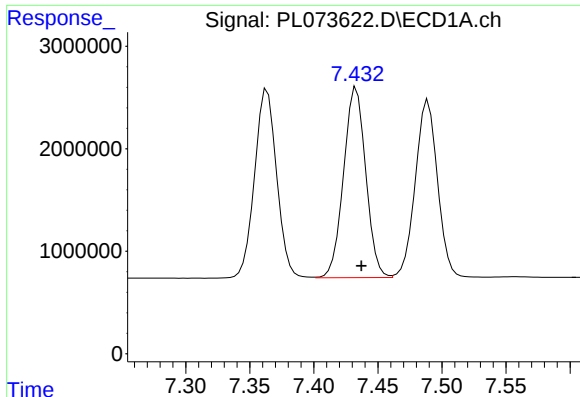
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 22127164
Conc: 50.60 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 103917191
Conc: 50.88 ng/ml



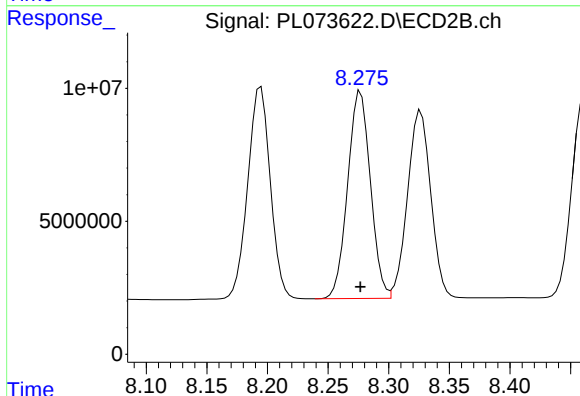
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 22363314
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMSD

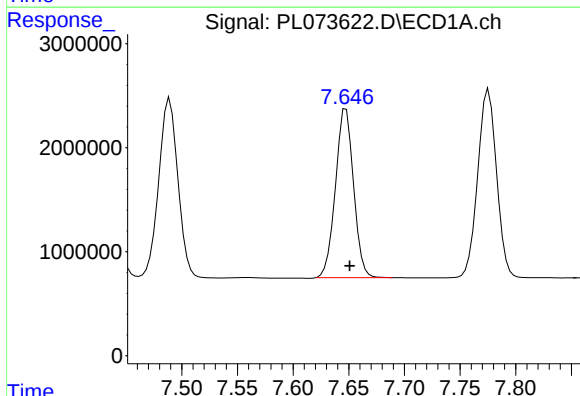
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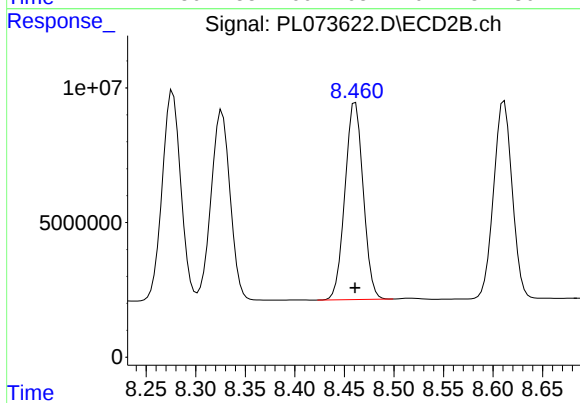
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 102027796
Conc: 51.01 ng/ml



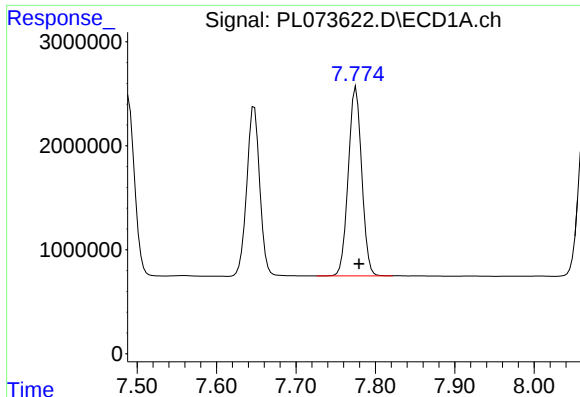
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 18399569
Conc: 51.28 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 93777339
Conc: 52.32 ng/ml



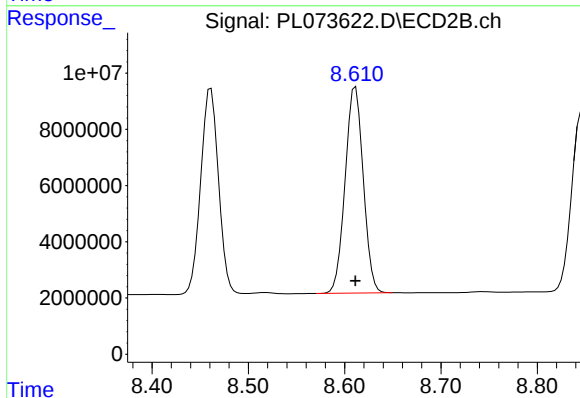
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 21429856
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMSD

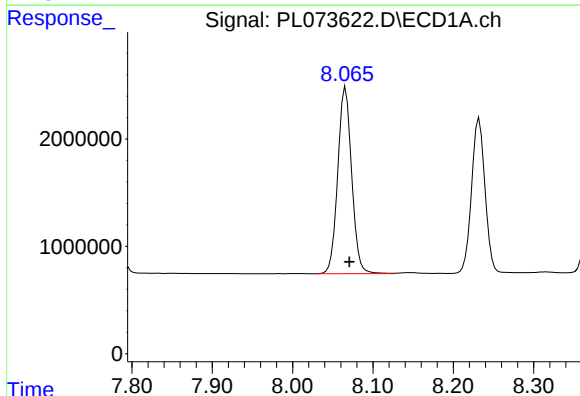
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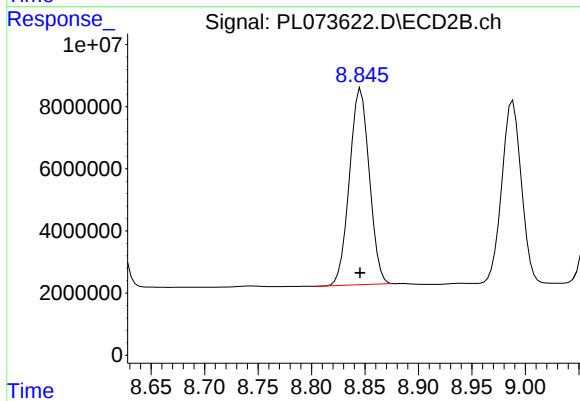
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 95494724
Conc: 51.77 ng/ml



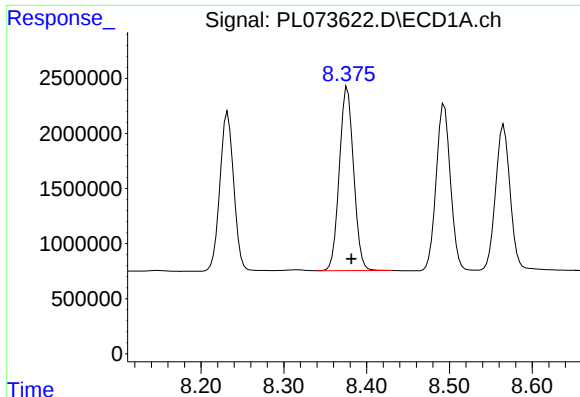
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.005 min
Response: 20925740
Conc: 53.93 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 81729768
Conc: 53.09 ng/ml



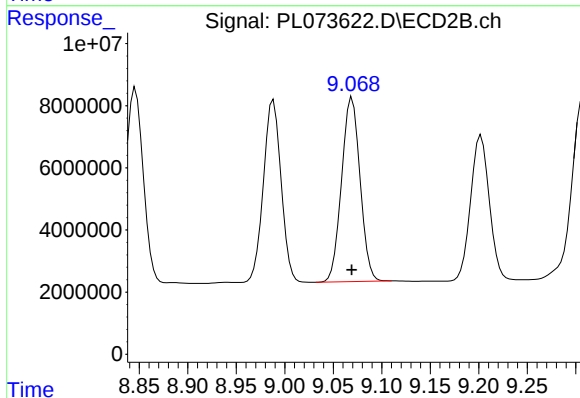
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.005 min
Response: 20017429
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMSD

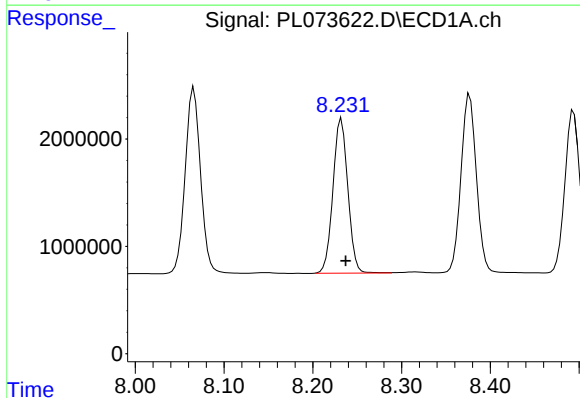
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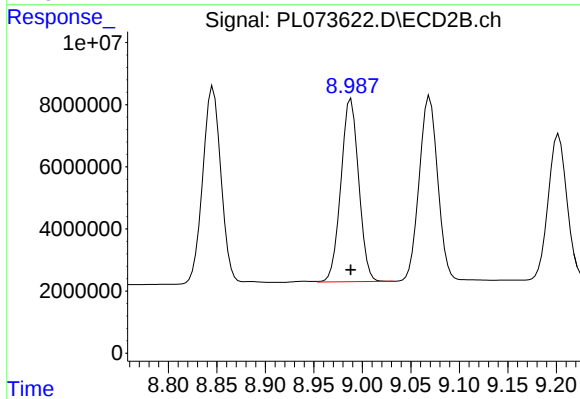
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 78626175
Conc: 51.19 ng/ml



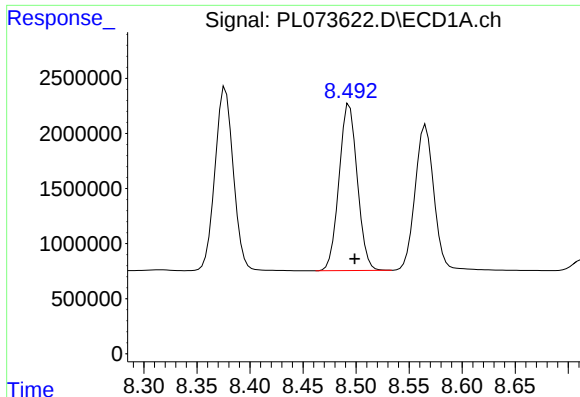
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 16788836
Conc: 51.70 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 75133995
Conc: 51.47 ng/ml



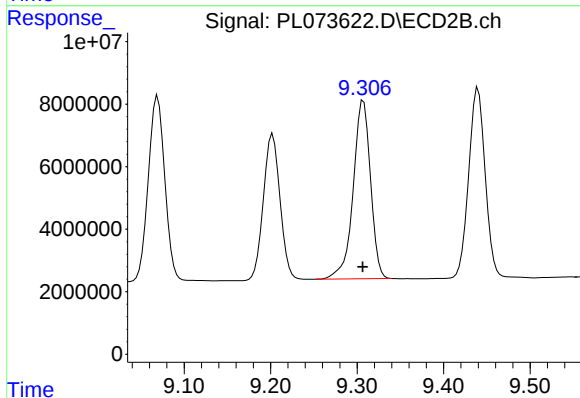
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 18130017
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMSD

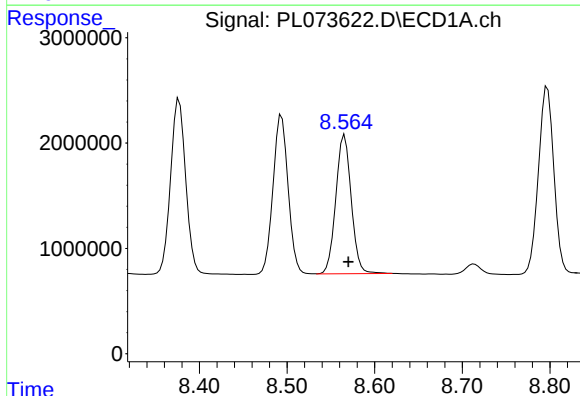
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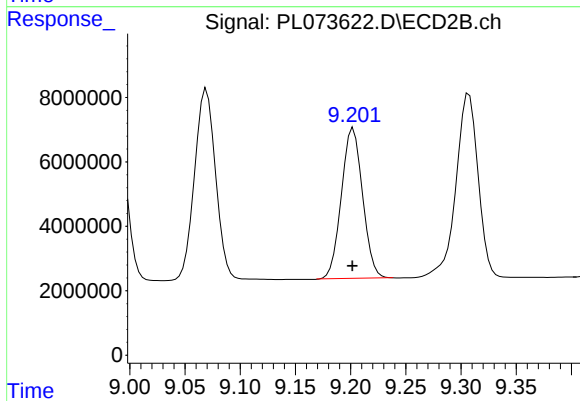
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 79547794
Conc: 48.67 ng/ml



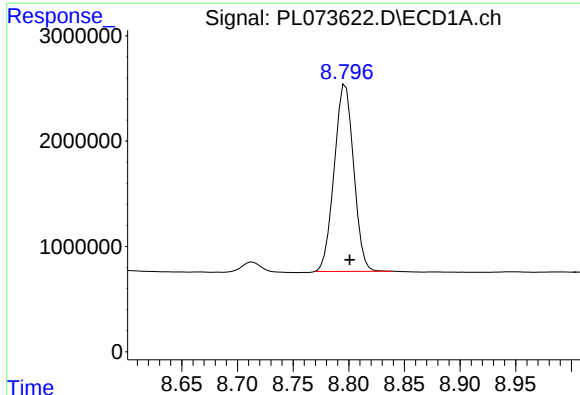
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 16132200
Conc: 51.01 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 62215175
Conc: 50.73 ng/ml m



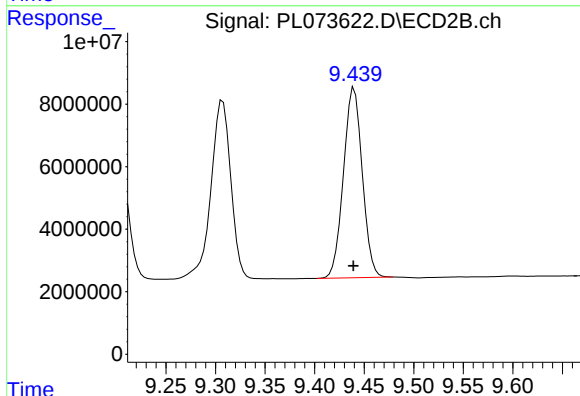
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 21567708
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMSD

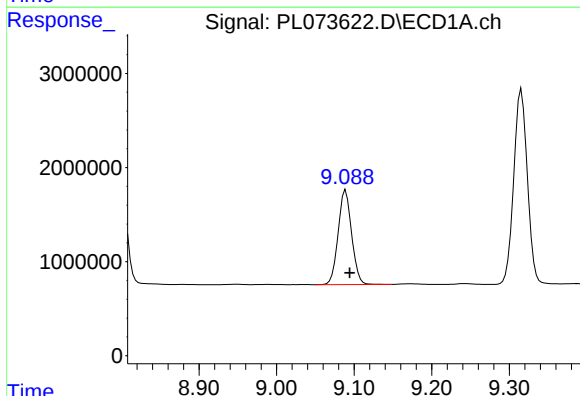
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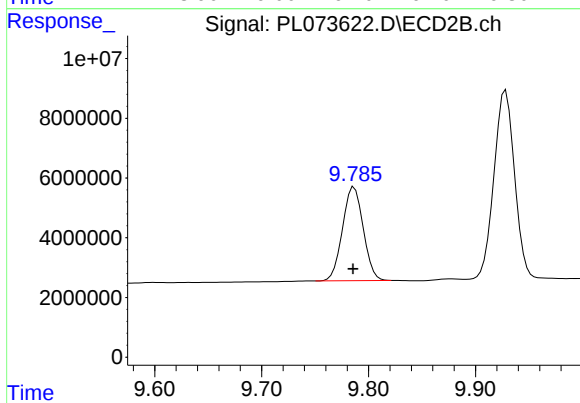
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 80317703
Conc: 50.96 ng/ml



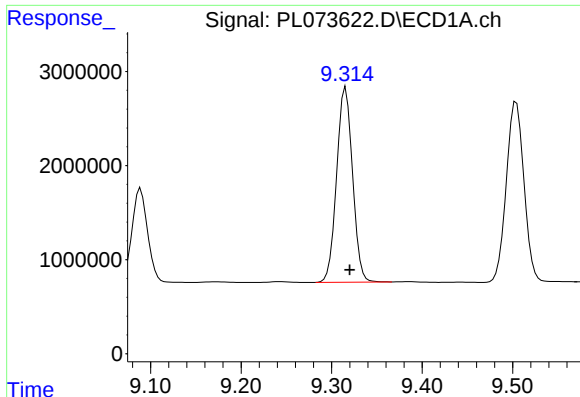
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.005 min
Response: 12140886
Conc: 47.33 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.001 min
Response: 42385536
Conc: 47.04 ng/ml



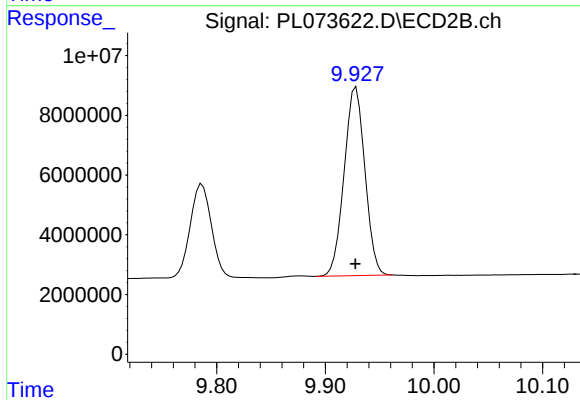
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 25278072
Conc: 51.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMSD

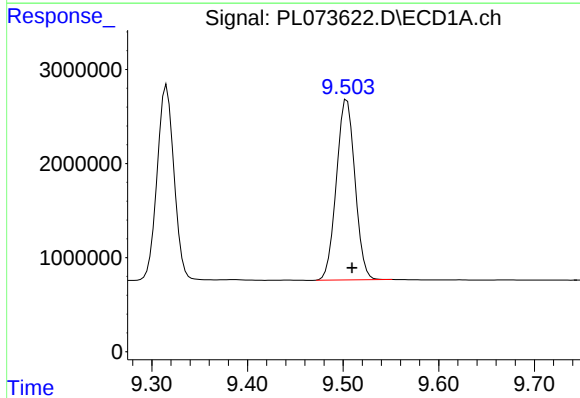
Manual Integrations
APPROVED

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



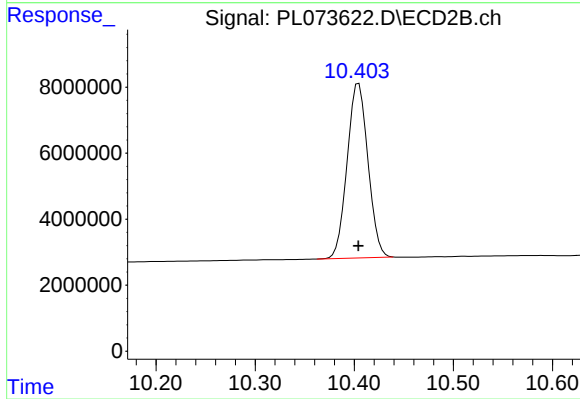
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 84027461
Conc: 50.91 ng/ml



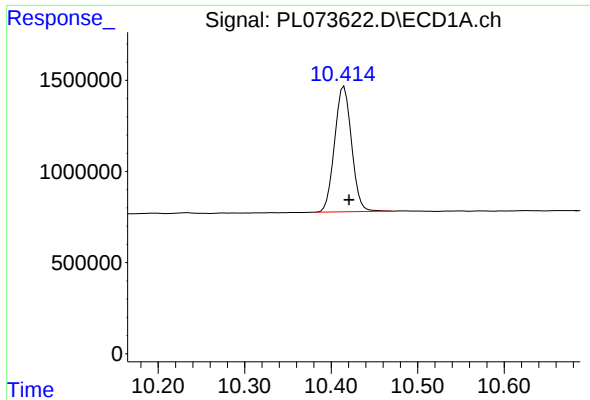
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 25932402
Conc: 54.99 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 77330584
Conc: 56.93 ng/ml



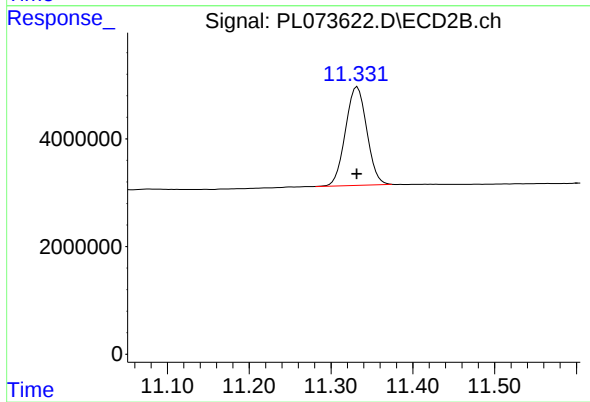
#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 9317582
Conc: 18.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 33069069
Conc: 18.49 ng/ml