

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050823\
 Data File : PL082582.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2023 14:51
 Operator : AR\AJ
 Sample : 02652-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CLAY-LINERMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/09/2023
 Supervised By :Ankita Jodhani 05/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 21:00:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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...	3.320	2.642	24656484	34223694	9.230	14.772 #
28) SA Decachlor...	8.739	7.752	30047790	29934866	15.739	13.115
Target Compounds						
2) A alpha-BHC	3.770	3.141	94691006	94859549	23.790	27.871
3) MA gamma-BHC...	4.099	3.469	98010838	114.3E6	26.214	35.563 #
4) MA Heptachlor	4.677	3.800	87396928	102.4E6	23.919	29.928 #
5) MB Aldrin	5.014	4.077	86773080	101.7E6	26.314	32.301
6) B beta-BHC	4.303	3.769	52575785	36847374	30.827m	27.006
7) B delta-BHC	4.544	3.992	82934190	64596586	23.052	21.059m
8) B Heptachlo...	5.440	4.577	79640336	77129344	26.109	26.773
9) A Endosulfan I	5.819	4.944	69563565	88895470	25.088m	33.301 #
10) B gamma-Chl...	5.693	4.824	83110180	74888083	27.640m	25.807m
11) B alpha-Chl...	5.772	4.887	89361139	82542397	29.941	28.435m
12) B 4,4'-DDE	5.951	5.080	75484620	79672257	29.695	34.656
13) MA Dieldrin	6.095	5.208	74692625	84026823	27.071	31.117
14) MA Endrin	6.324	5.483	96475693	72851141	39.791	29.784 #
15) B Endosulfa...	6.543	5.777	74856270	91540845	30.747m	40.611m#
16) A 4,4'-DDD	6.465	5.633	88559937	79423286	43.686m	42.463m
17) MA 4,4'-DDT	6.776	5.882	70331902	80145922	30.743m	37.937
18) B Endrin al...	6.675	5.957	84158986	60905657	44.666	32.546m#
19) B Endosulfa...	6.908	6.181	76730281	77911856	32.355	33.094
20) A Methoxychlor	7.257	6.461	42039405	47534242	34.449m	39.225
21) B Endrin ke...	7.387	6.686	86706394	85750139	36.212	33.784
22) Mirex	7.851	6.856	86315568	65788923	44.121	28.551m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050823\
 Data File : PL082582.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2023 14:51
 Operator : AR\AJ
 Sample : 02652-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

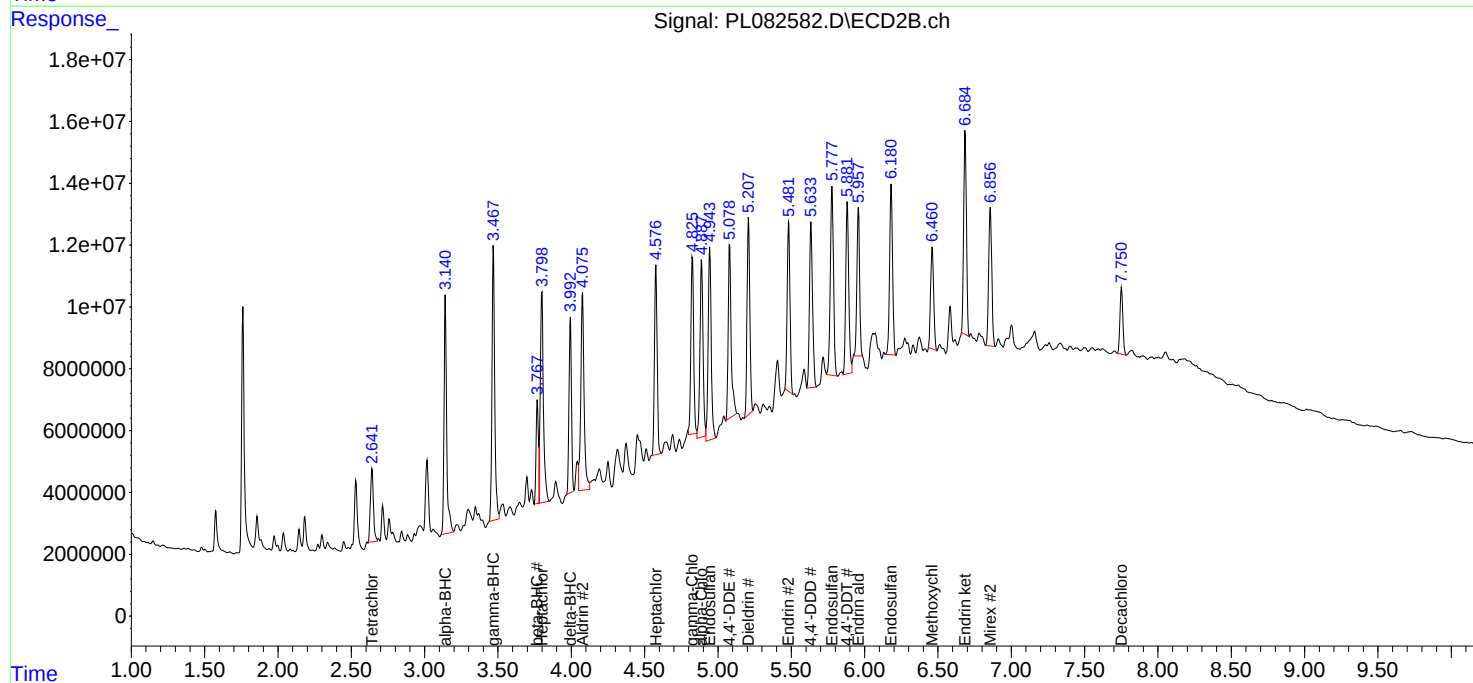
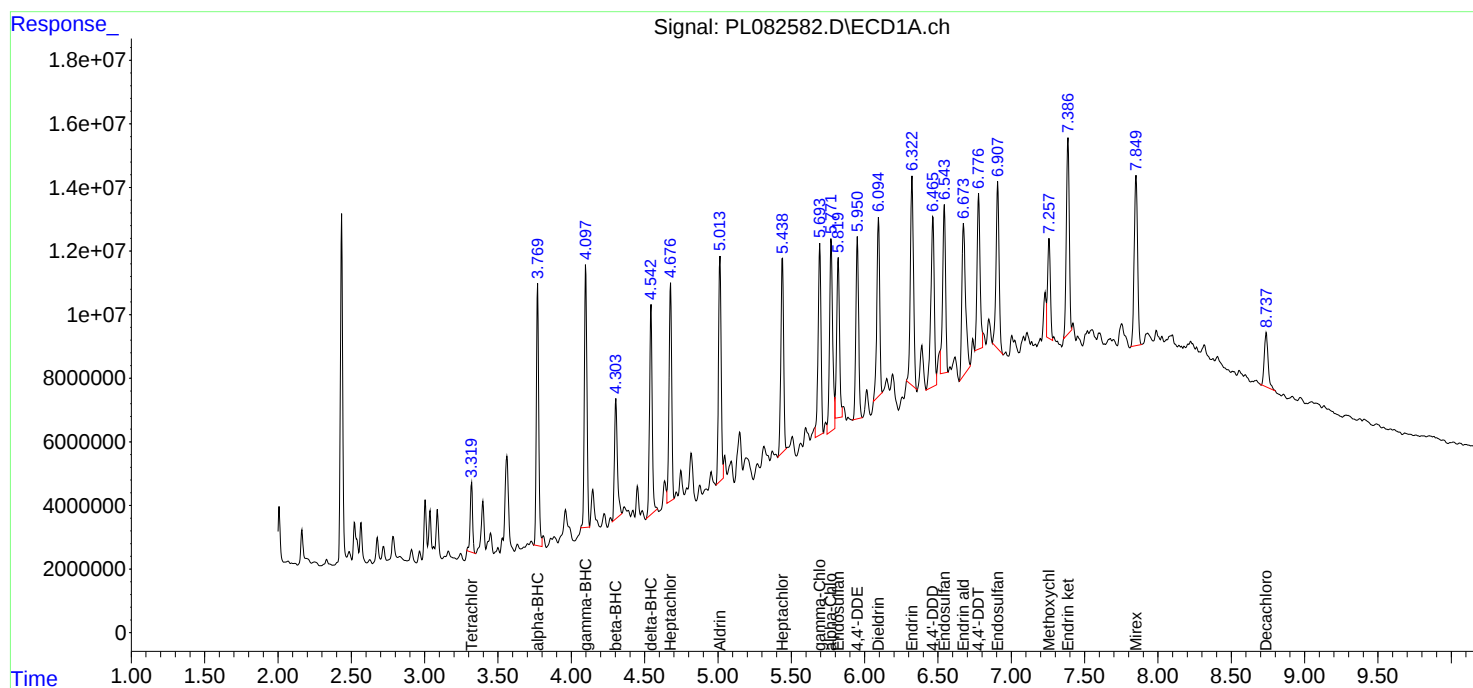
Instrument :
 ECD_L
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 CLAY-LINERMSD

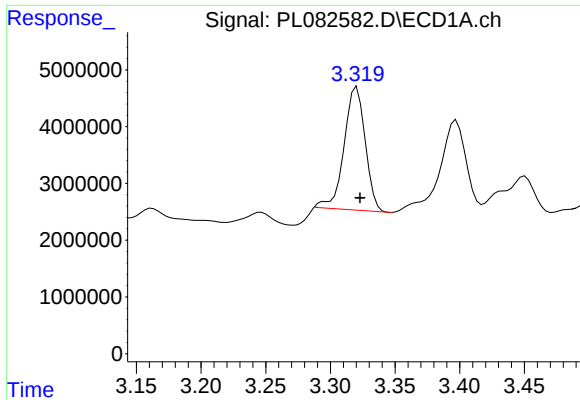
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 05/09/2023
 Supervised By : Ankita Jodhani 05/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 21:00:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
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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





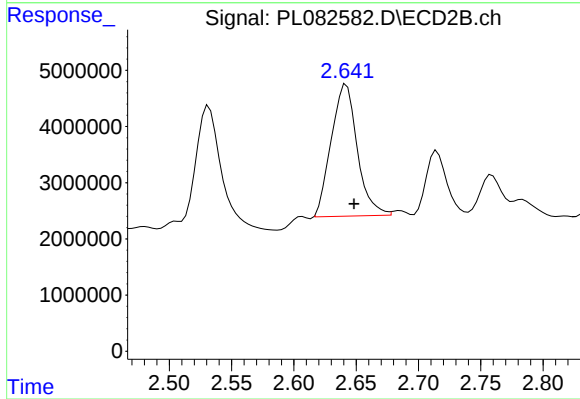
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 24656484
Conc: 9.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMSD

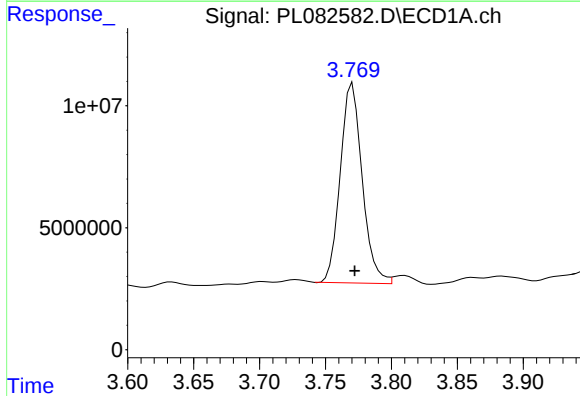
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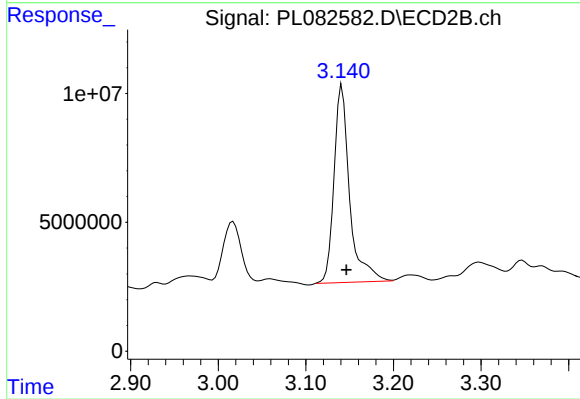
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 34223694
Conc: 14.77 ng/ml



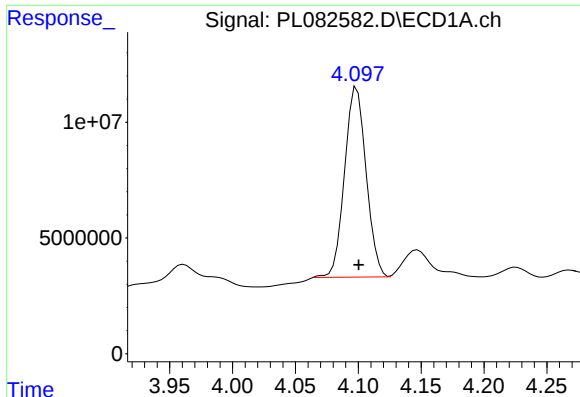
#2 alpha-BHC

R.T.: 3.770 min
Delta R.T.: -0.002 min
Response: 94691006
Conc: 23.79 ng/ml



#2 alpha-BHC

R.T.: 3.141 min
Delta R.T.: -0.005 min
Response: 94859549
Conc: 27.87 ng/ml



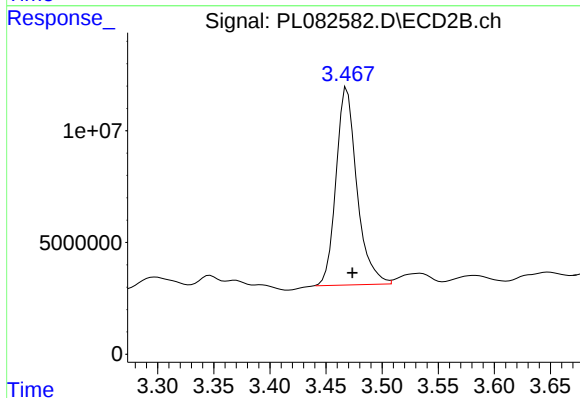
#3 gamma-BHC (Lindane)

R.T.: 4.099 min
Delta R.T.: -0.001 min
Response: 98010838
Conc: 26.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMSD

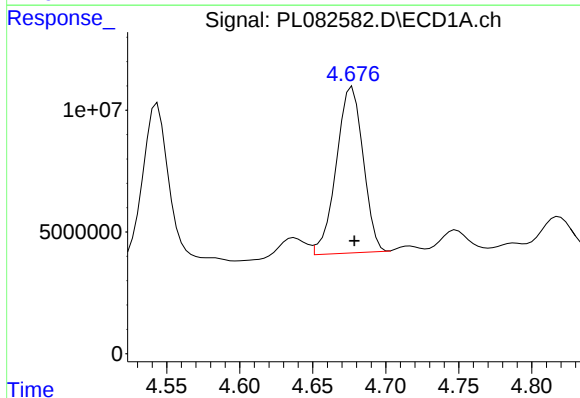
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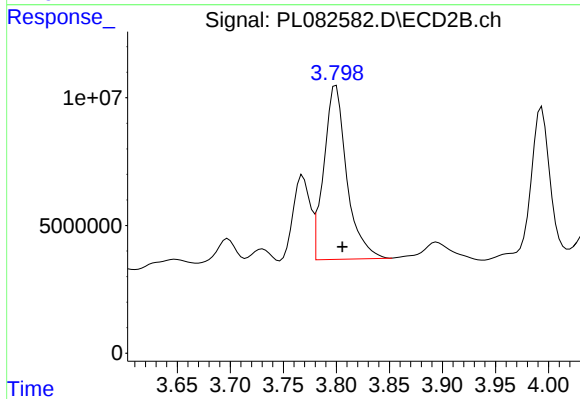
#3 gamma-BHC (Lindane)

R.T.: 3.469 min
Delta R.T.: -0.005 min
Response: 114344561
Conc: 35.56 ng/ml



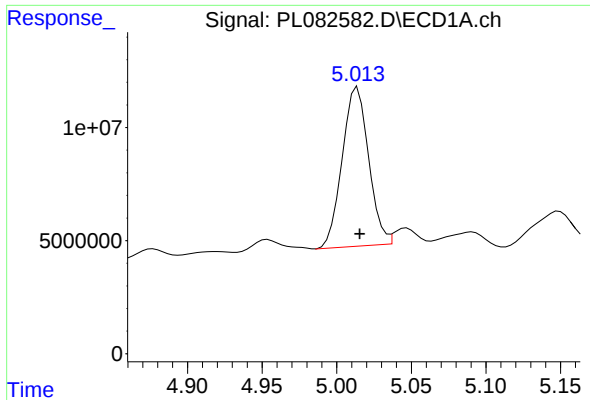
#4 Heptachlor

R.T.: 4.677 min
Delta R.T.: -0.002 min
Response: 87396928
Conc: 23.92 ng/ml



#4 Heptachlor

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 102449603
Conc: 29.93 ng/ml



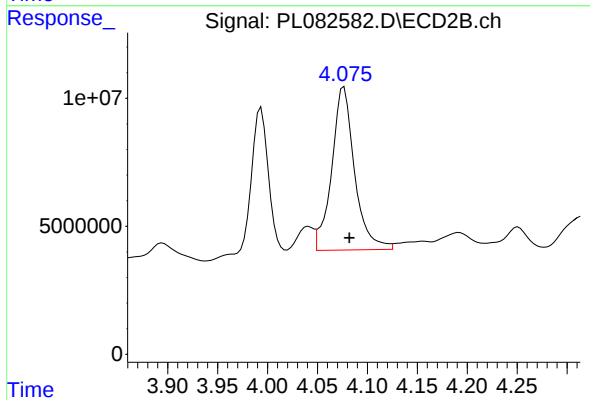
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 86773080
Conc: 26.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMSD

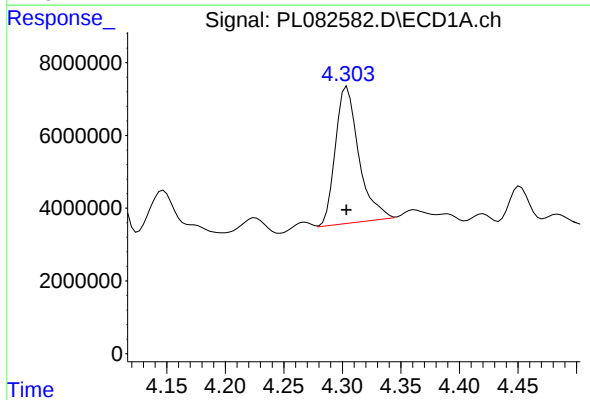
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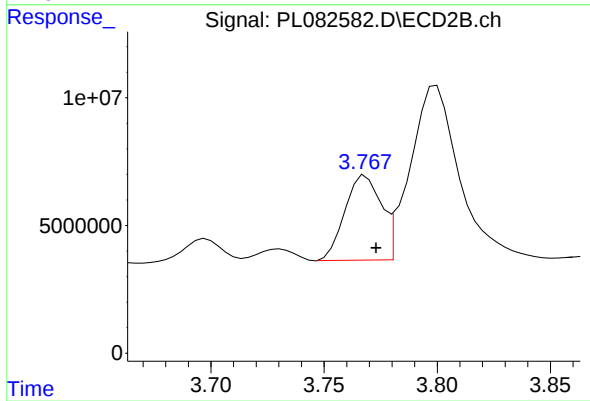
#5 Aldrin

R.T.: 4.077 min
Delta R.T.: -0.006 min
Response: 101744731
Conc: 32.30 ng/ml



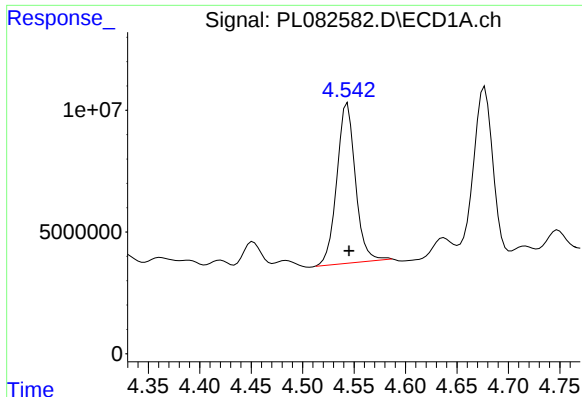
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 52575785
Conc: 30.83 ng/ml m



#6 beta-BHC

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 36847374
Conc: 27.01 ng/ml



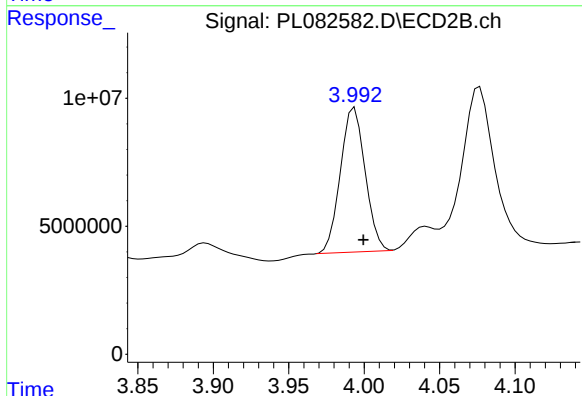
#7 delta-BHC

R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 82934190
Conc: 23.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMSD

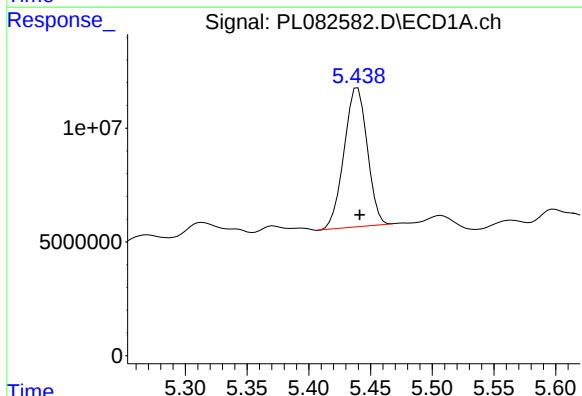
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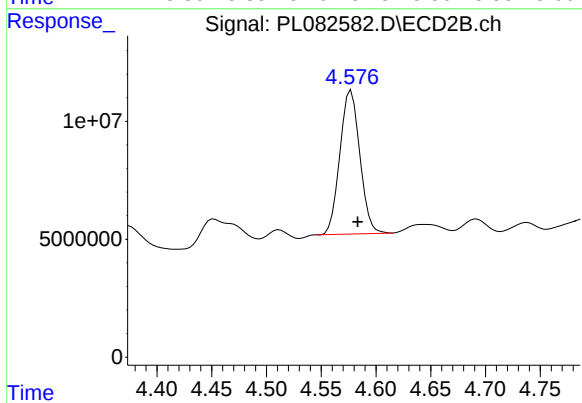
#7 delta-BHC

R.T.: 3.992 min
Delta R.T.: -0.007 min
Response: 64596586
Conc: 21.06 ng/ml m



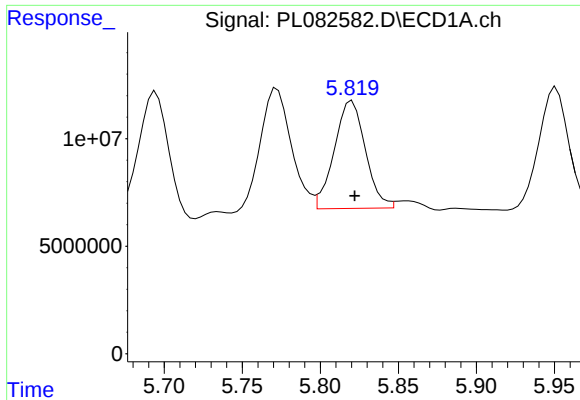
#8 Heptachlor epoxide

R.T.: 5.440 min
Delta R.T.: -0.002 min
Response: 79640336
Conc: 26.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.577 min
Delta R.T.: -0.006 min
Response: 77129344
Conc: 26.77 ng/ml



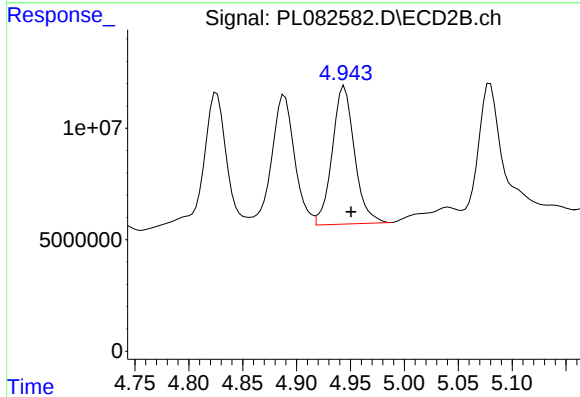
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 69563565
Conc: 25.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMSD

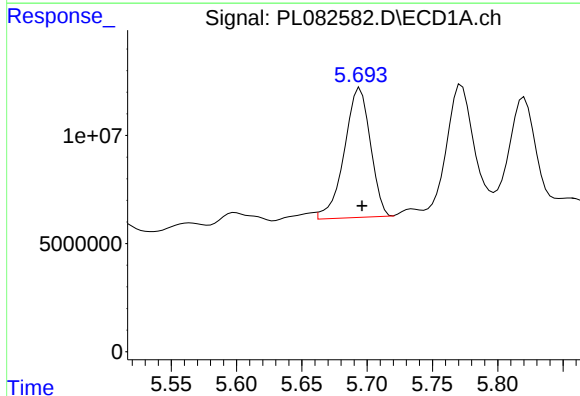
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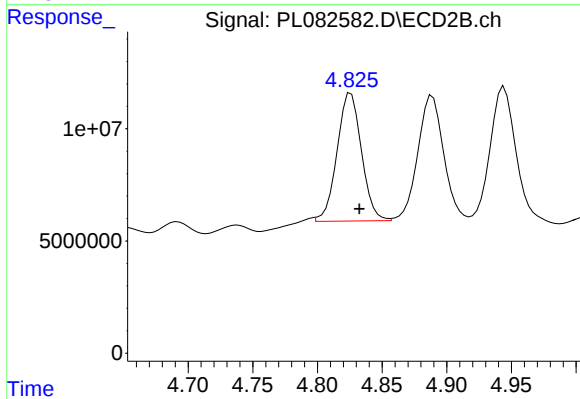
#9 Endosulfan I

R.T.: 4.944 min
Delta R.T.: -0.006 min
Response: 88895470
Conc: 33.30 ng/ml



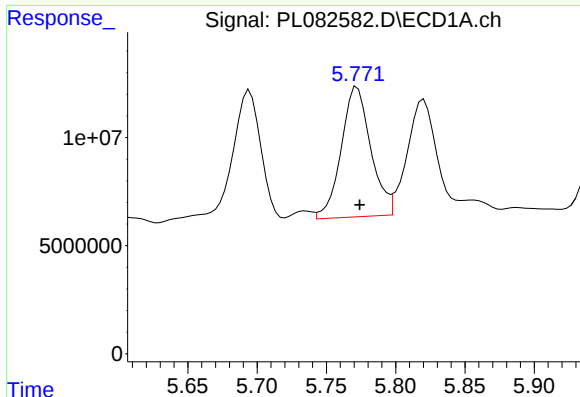
#10 gamma-Chlordane

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 83110180
Conc: 27.64 ng/ml m



#10 gamma-Chlordane

R.T.: 4.824 min
Delta R.T.: -0.008 min
Response: 74888083
Conc: 25.81 ng/ml m



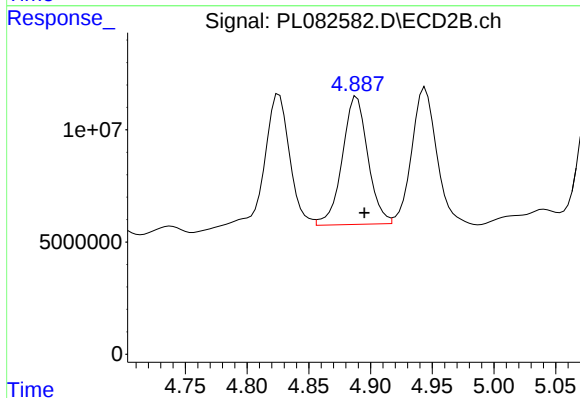
#11 alpha-Chlordane

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 89361139
Conc: 29.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMSD

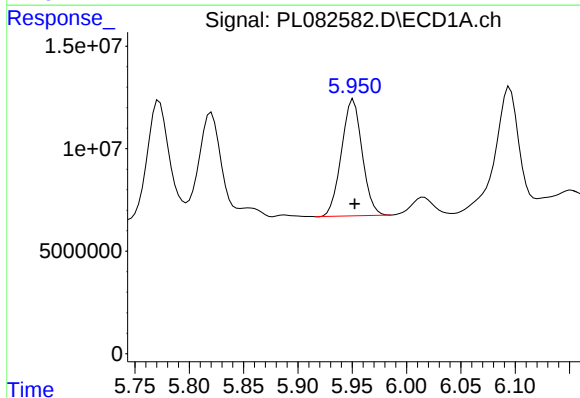
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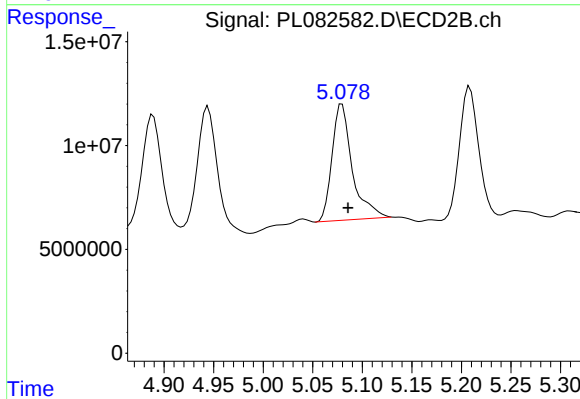
#11 alpha-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.008 min
Response: 82542397
Conc: 28.44 ng/ml m



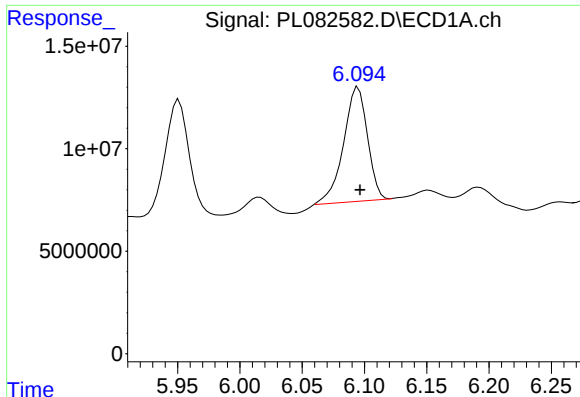
#12 4,4'-DDE

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 75484620
Conc: 29.69 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.006 min
Response: 79672257
Conc: 34.66 ng/ml



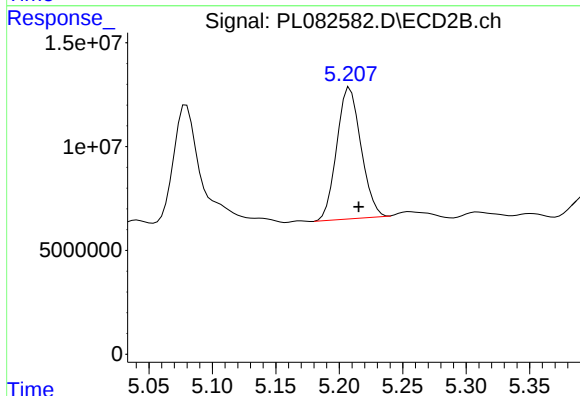
#13 Dieldrin

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 74692625
Conc: 27.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMSD

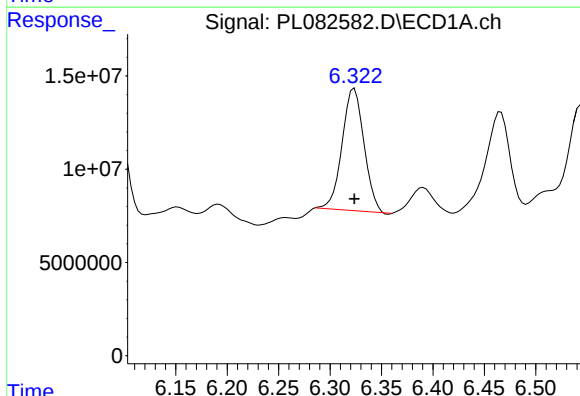
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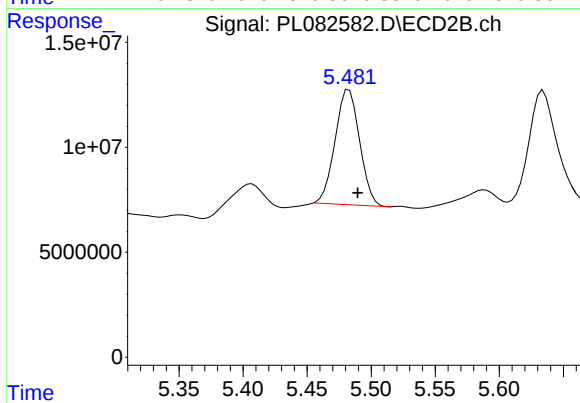
#13 Dieldrin

R.T.: 5.208 min
Delta R.T.: -0.007 min
Response: 84026823
Conc: 31.12 ng/ml



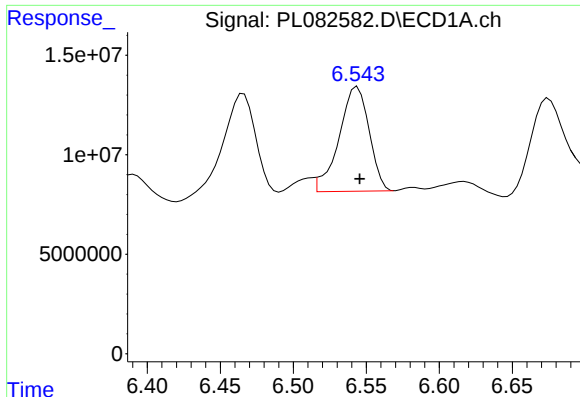
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 96475693
Conc: 39.79 ng/ml



#14 Endrin

R.T.: 5.483 min
Delta R.T.: -0.007 min
Response: 72851141
Conc: 29.78 ng/ml



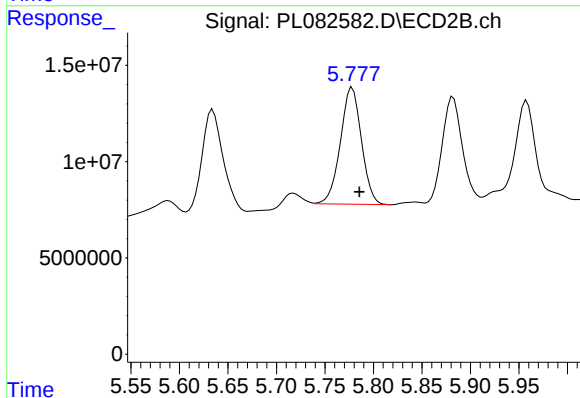
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 74856270
Conc: 30.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMSD

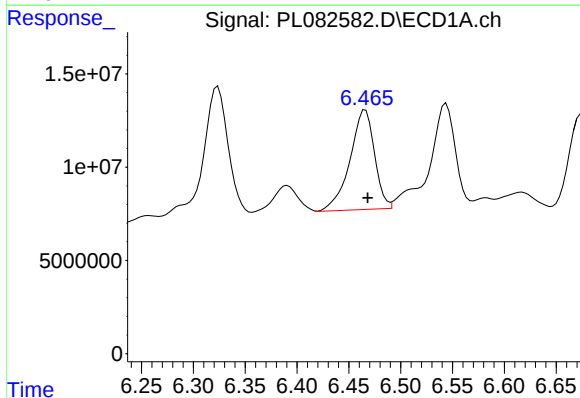
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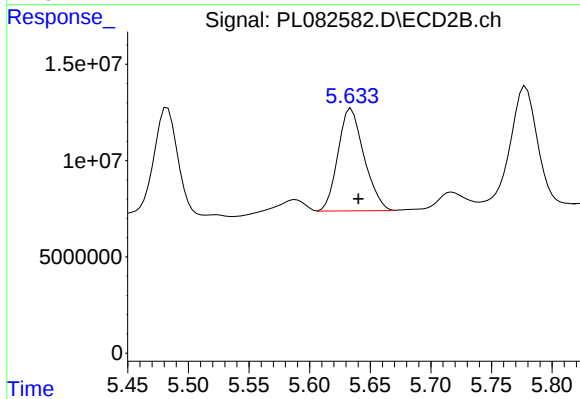
#15 Endosulfan II

R.T.: 5.777 min
Delta R.T.: -0.009 min
Response: 91540845
Conc: 40.61 ng/ml m



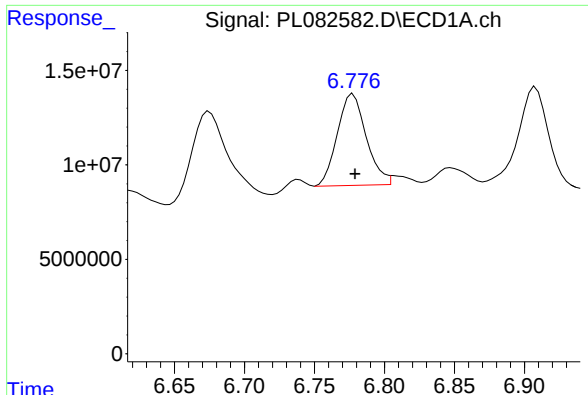
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 88559937
Conc: 43.69 ng/ml m



#16 4,4'-DDD

R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 79423286
Conc: 42.46 ng/ml m



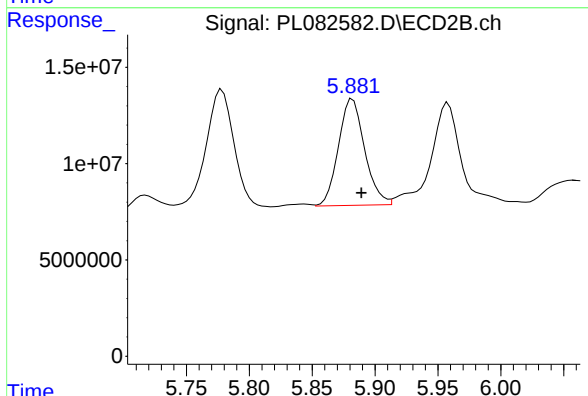
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 70331902
Conc: 30.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMSD

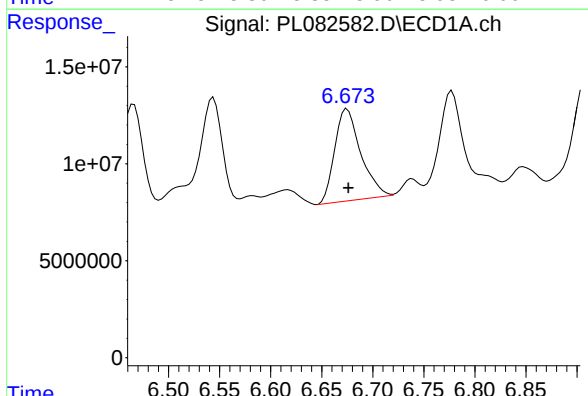
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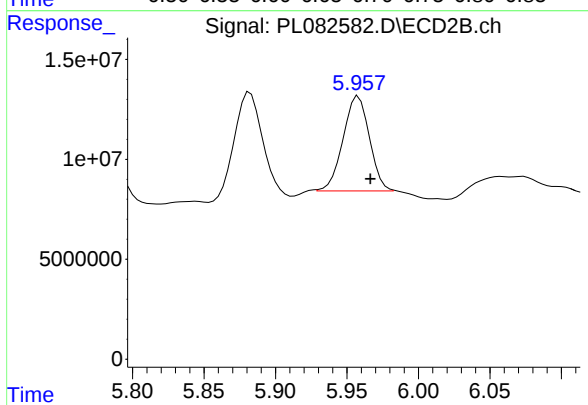
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 80145922
Conc: 37.94 ng/ml



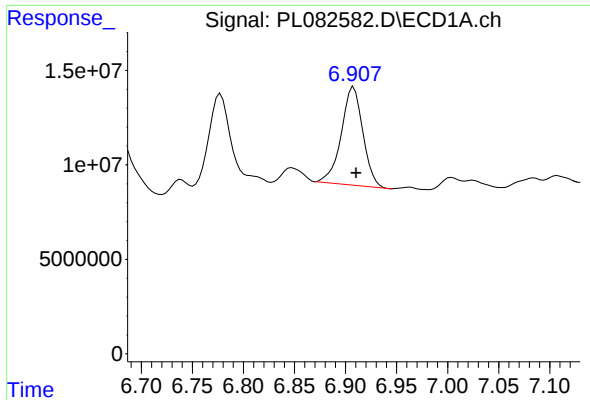
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 84158986
Conc: 44.67 ng/ml



#18 Endrin aldehyde

R.T.: 5.957 min
Delta R.T.: -0.010 min
Response: 60905657
Conc: 32.55 ng/ml m



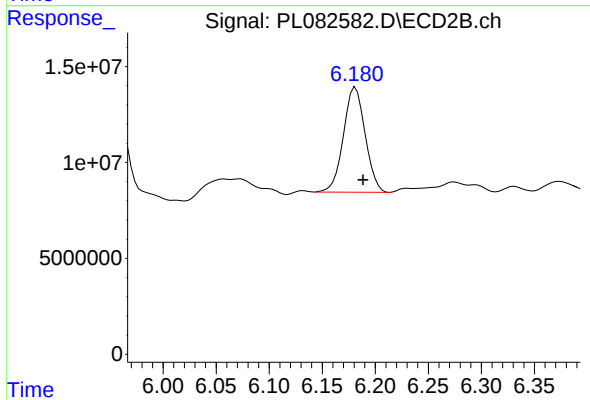
#19 Endosulfan Sulfate

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 76730281
Conc: 32.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMSD

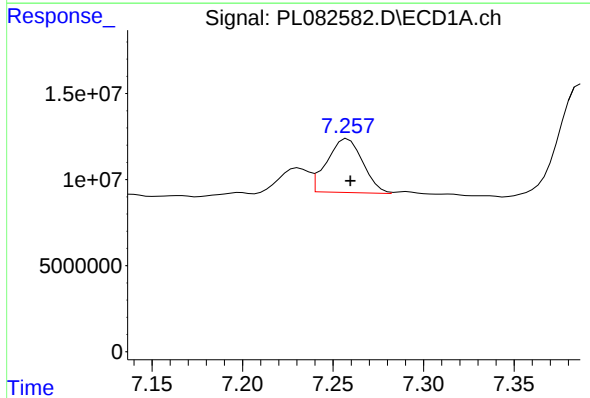
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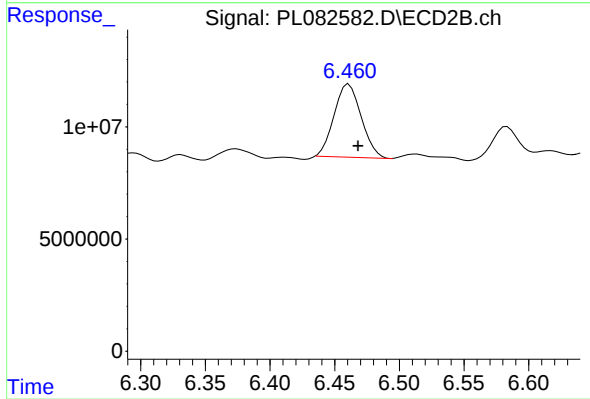
#19 Endosulfan Sulfate

R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 77911856
Conc: 33.09 ng/ml



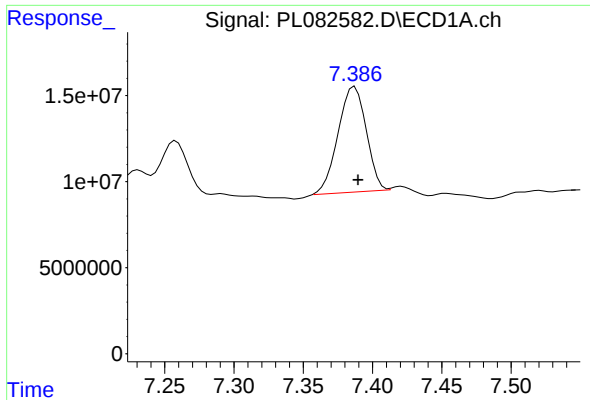
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 42039405
Conc: 34.45 ng/ml m



#20 Methoxychlor

R.T.: 6.461 min
Delta R.T.: -0.007 min
Response: 47534242
Conc: 39.23 ng/ml



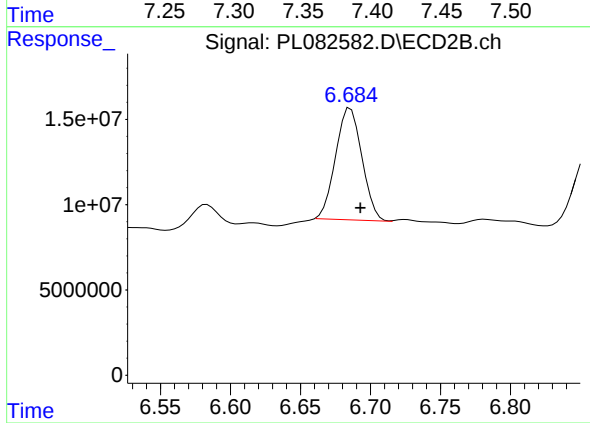
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 86706394
Conc: 36.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMSD

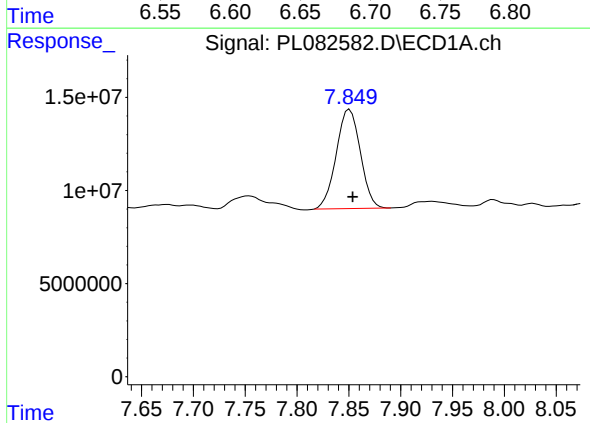
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2023
Supervised By :Ankita Jodhani 05/09/2023



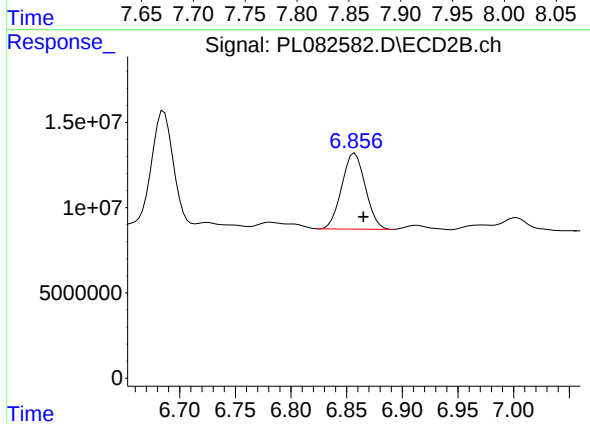
#21 Endrin ketone

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 85750139
Conc: 33.78 ng/ml



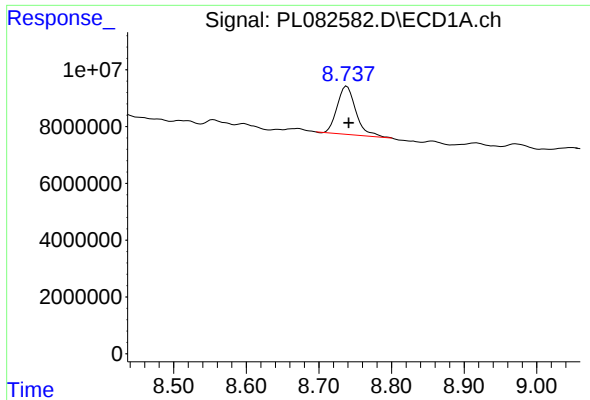
#22 Mirex

R.T.: 7.851 min
Delta R.T.: -0.003 min
Response: 86315568
Conc: 44.12 ng/ml



#22 Mirex

R.T.: 6.856 min
Delta R.T.: -0.009 min
Response: 65788923
Conc: 28.55 ng/ml m



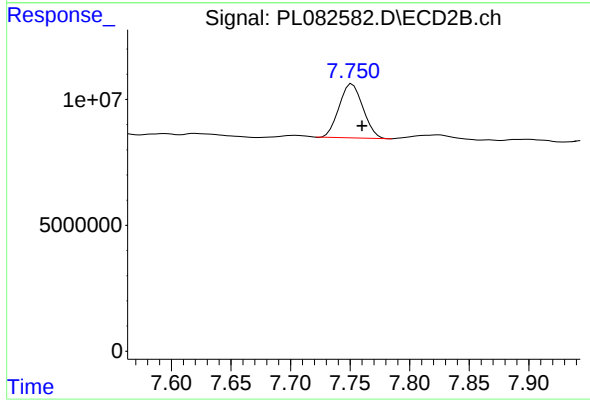
#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 30047790
Conc: 15.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2023
Supervised By :Ankita Jodhani 05/09/2023



#28 Decachlorobiphenyl

R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 29934866
Conc: 13.11 ng/ml