

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050823\
 Data File : PL082581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2023 14:37
 Operator : AR\AJ
 Sample : 02652-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CLAY-LINERMS

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 21:00:14 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...	3.321	2.642	24856300	33117776	9.305	14.295 #
28) SA Decachlor...	8.740	7.753	30294149	28971887	15.868	12.693
Target Compounds						
2) A alpha-BHC	3.771	3.141	95280409	92628242	23.938	27.216
3) MA gamma-BHC...	4.099	3.469	98165091	111.9E6	26.255	34.797 #
4) MA Heptachlor	4.677	3.800	87067651	101.3E6	23.829	29.580
5) MB Aldrin	5.014	4.075	86970482	90515340	26.374	28.736m
6) B beta-BHC	4.303	3.768	49014102	36370943	28.739m	26.657
7) B delta-BHC	4.544	3.993	81923122	64642102	22.770	21.074m
8) B Heptachlo...	5.440	4.577	81612092	76110180	26.755	26.419
9) A Endosulfan I	5.821	4.944	76592520	88073107	27.624	32.993
10) B gamma-Chl...	5.693	4.825	85076377	80174483	28.294m	27.629m
11) B alpha-Chl...	5.773	4.887	88399835	80849421	29.619	27.852m
12) B 4,4'-DDE	5.951	5.080	73647482	77647610	28.972	33.775
13) MA Dieldrin	6.095	5.209	72321847	82516271	26.212	30.557
14) MA Endrin	6.323	5.483	100.2E6	73164341	41.344m	29.912 #
15) B Endosulfa...	6.542	5.777	72986082	88663552	29.979m	39.334m#
16) A 4,4'-DDD	6.466	5.633	77469443	77112888	38.215	41.228m
17) MA 4,4'-DDT	6.777	5.882	72553567	79974082	31.714m	37.856
18) B Endrin al...	6.675	5.957	82612192	59059852	43.845	31.560m#
19) B Endosulfa...	6.908	6.182	73850318	78414846	31.140	33.307
20) A Methoxychlor	7.257	6.461	40376171	46243881	33.086m	38.160
21) B Endrin ke...	7.387	6.685	89277259	84947866	37.286	33.468m
22) Mirex	7.851	6.858	86678202	63323464	44.307	27.481 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050823\
Data File : PL082581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2023 14:37
Operator : AR\AJ
Sample : 02652-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

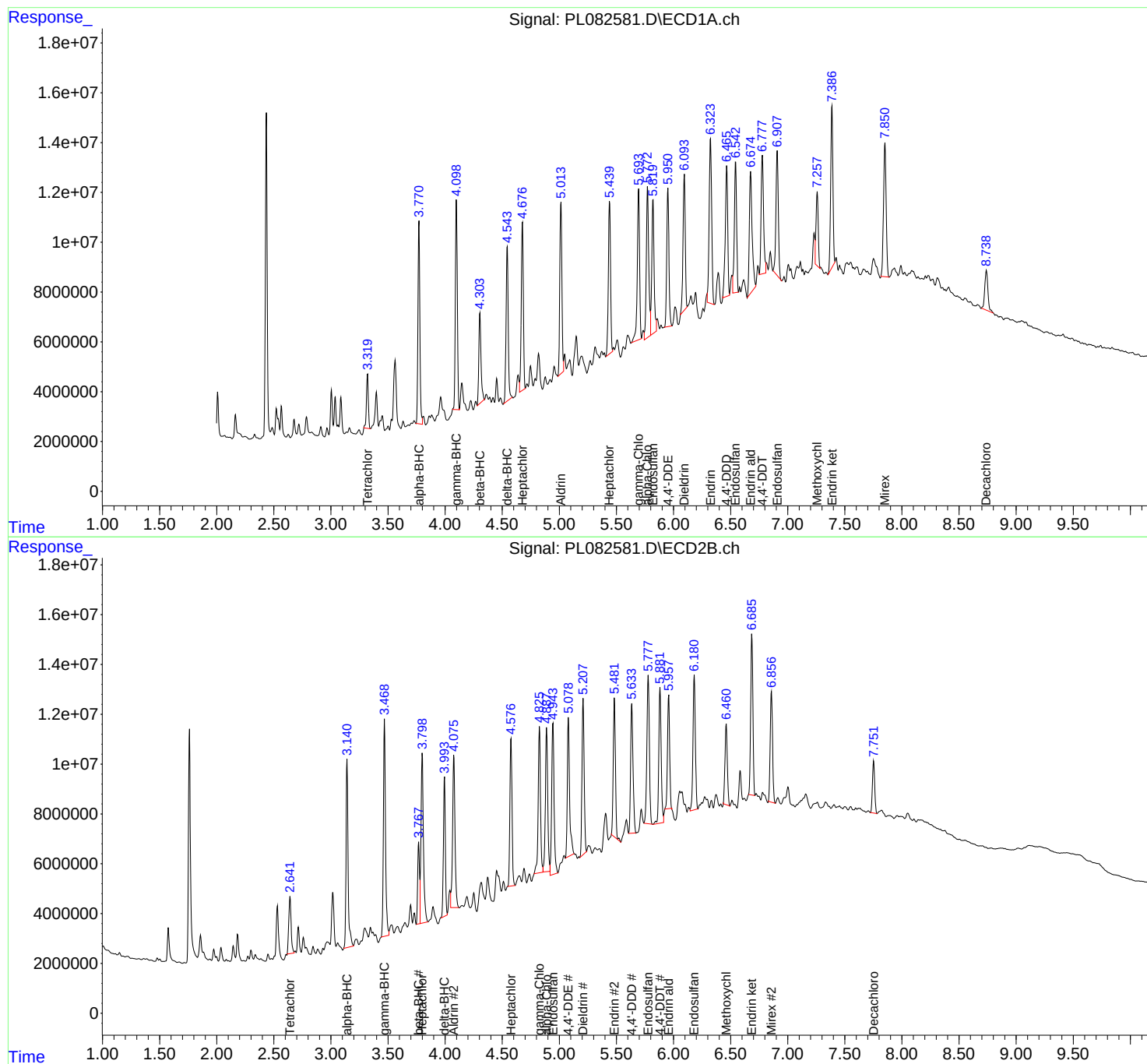
Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMS

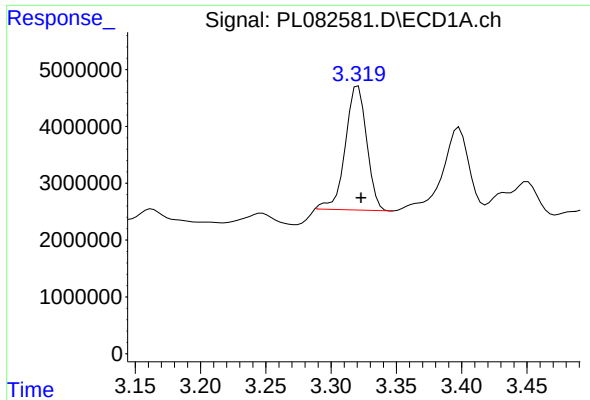
Manual Integrations
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Reviewed By :Abdul Mirza 05/09/2023
Supervised By :Ankita Jodhani 05/09/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 21:00:14 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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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





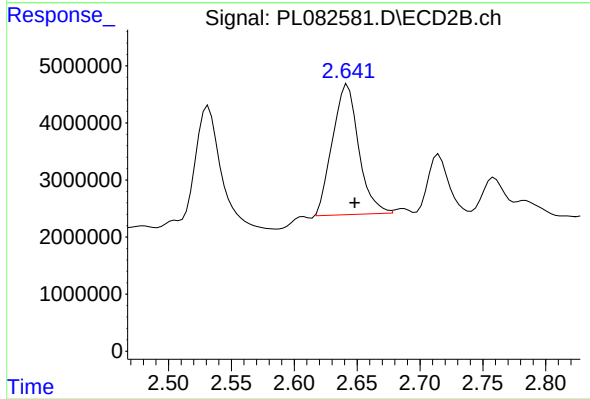
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 24856300
Conc: 9.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMS

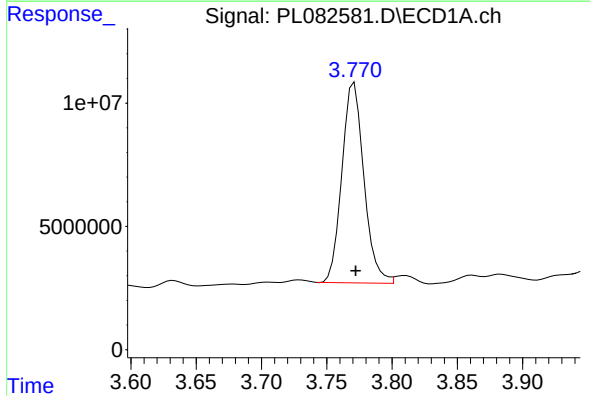
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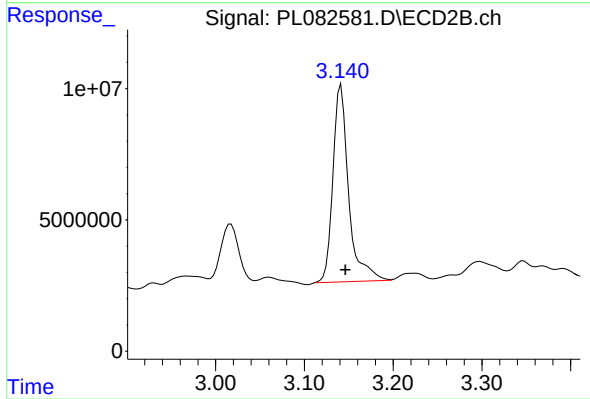
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 33117776
Conc: 14.30 ng/ml



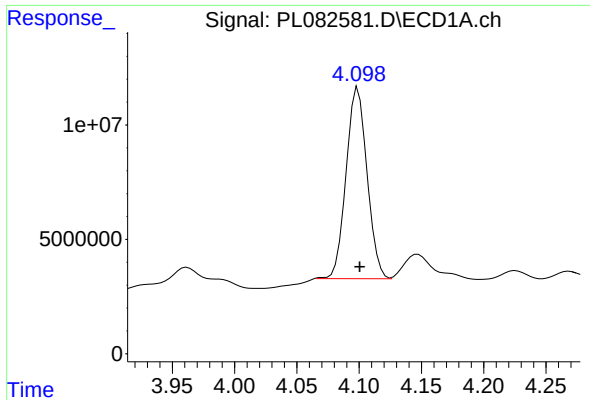
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: -0.001 min
Response: 95280409
Conc: 23.94 ng/ml



#2 alpha-BHC

R.T.: 3.141 min
Delta R.T.: -0.005 min
Response: 92628242
Conc: 27.22 ng/ml



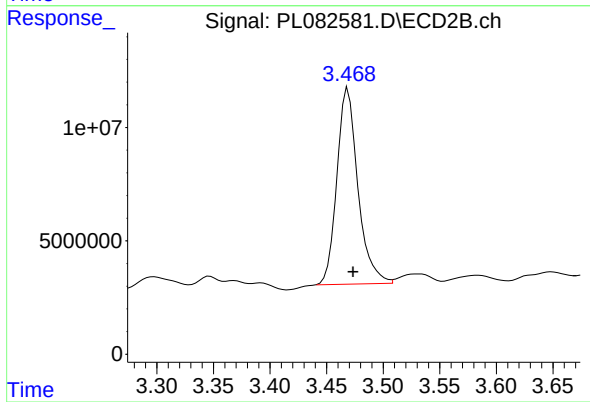
#3 gamma-BHC (Lindane)

R.T.: 4.099 min
Delta R.T.: -0.001 min
Response: 98165091
Conc: 26.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMS

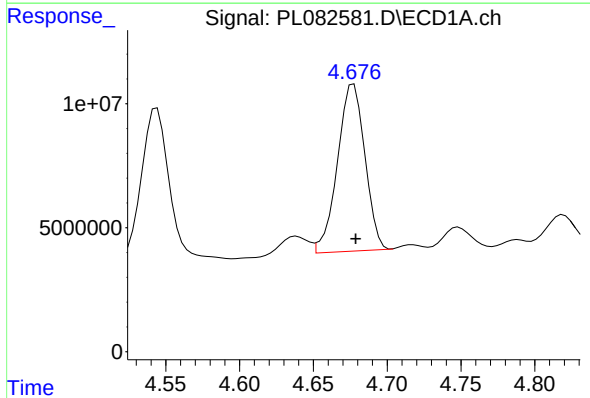
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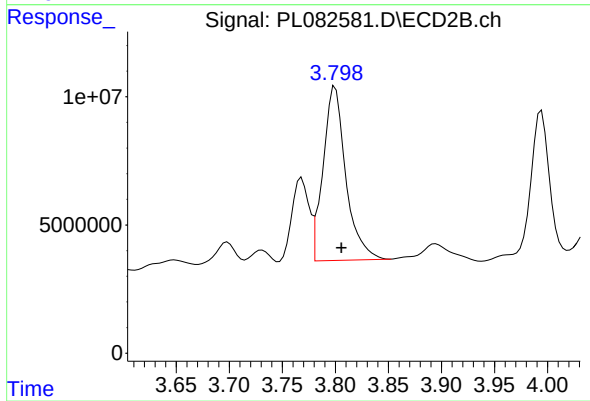
#3 gamma-BHC (Lindane)

R.T.: 3.469 min
Delta R.T.: -0.005 min
Response: 111883580
Conc: 34.80 ng/ml



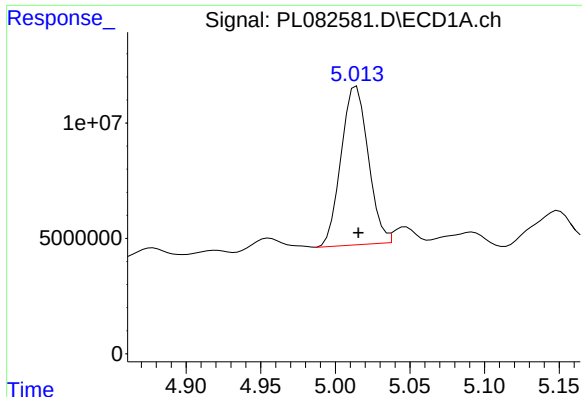
#4 Heptachlor

R.T.: 4.677 min
Delta R.T.: -0.001 min
Response: 87067651
Conc: 23.83 ng/ml



#4 Heptachlor

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 101259078
Conc: 29.58 ng/ml



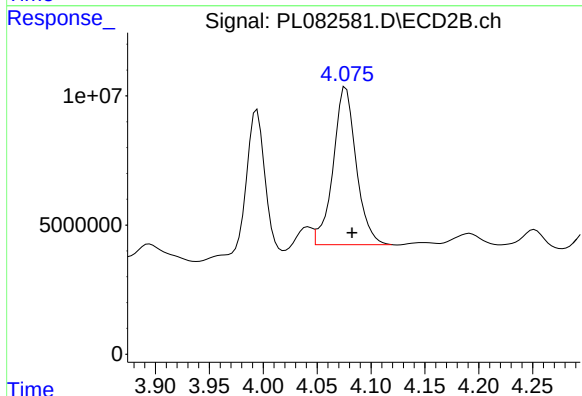
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: -0.001 min
Response: 86970482
Conc: 26.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMS

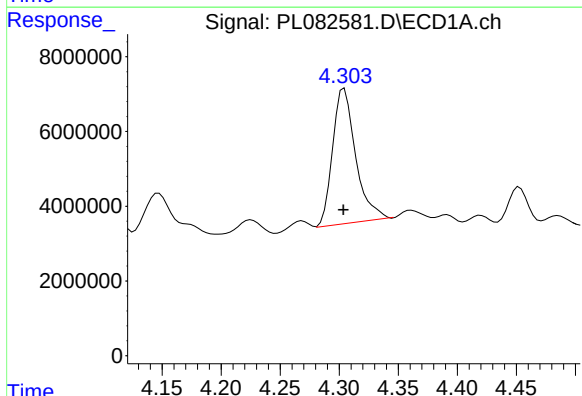
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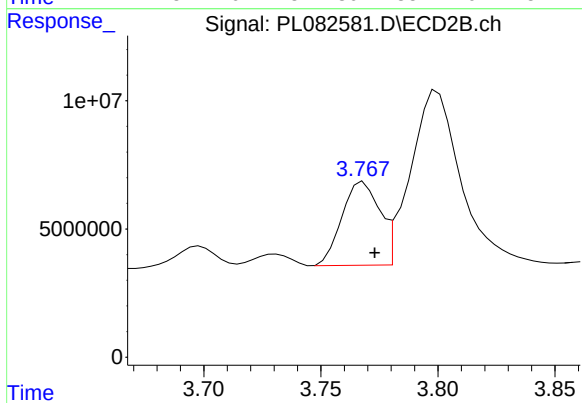
#5 Aldrin

R.T.: 4.075 min
Delta R.T.: -0.007 min
Response: 90515340
Conc: 28.74 ng/ml m



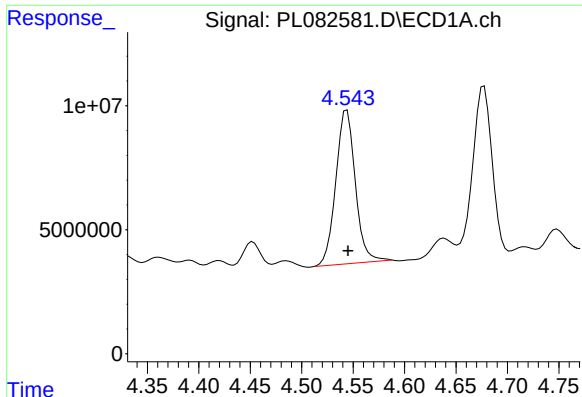
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 49014102
Conc: 28.74 ng/ml m



#6 beta-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 36370943
Conc: 26.66 ng/ml



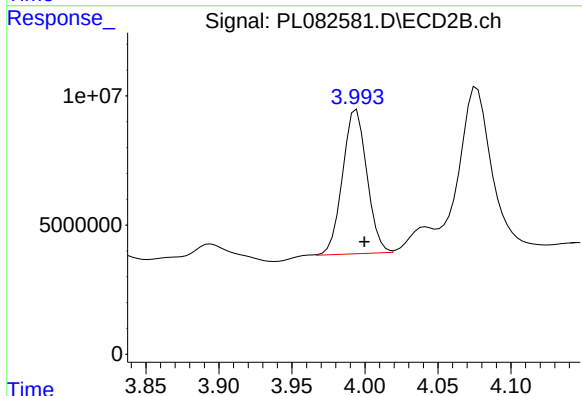
#7 delta-BHC

R.T.: 4.544 min
Delta R.T.: -0.001 min
Response: 81923122
Conc: 22.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMS

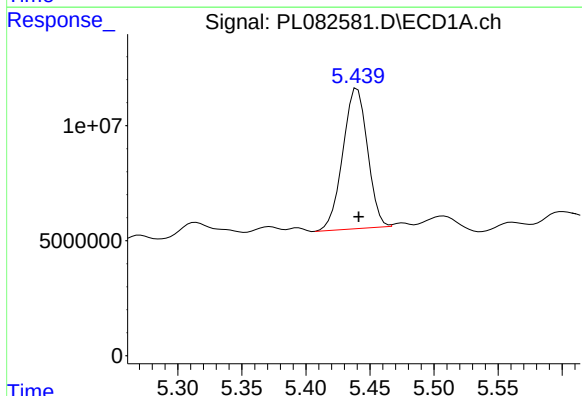
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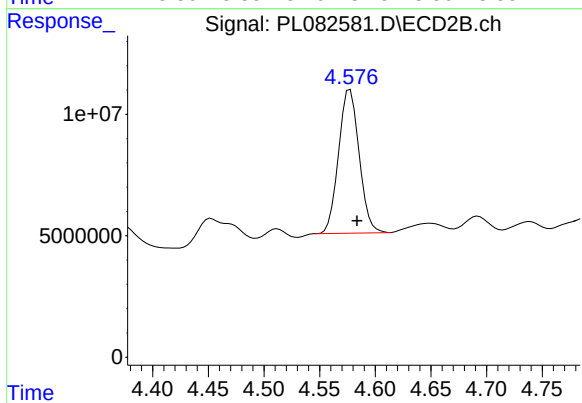
#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.007 min
Response: 64642102
Conc: 21.07 ng/ml m



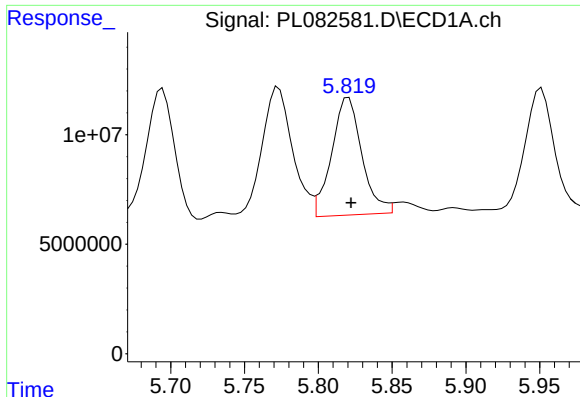
#8 Heptachlor epoxide

R.T.: 5.440 min
Delta R.T.: -0.001 min
Response: 81612092
Conc: 26.75 ng/ml



#8 Heptachlor epoxide

R.T.: 4.577 min
Delta R.T.: -0.006 min
Response: 76110180
Conc: 26.42 ng/ml



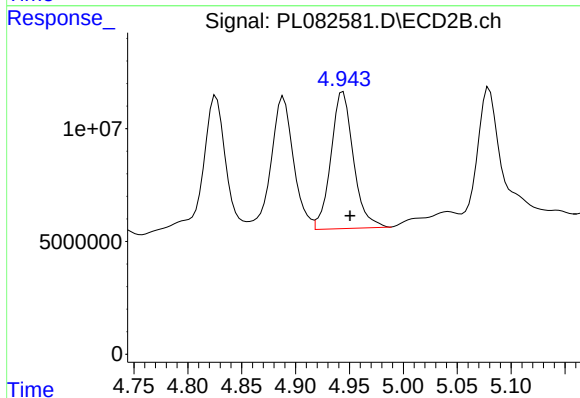
#9 Endosulfan I

R.T.: 5.821 min
Delta R.T.: -0.002 min
Response: 76592520
Conc: 27.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMS

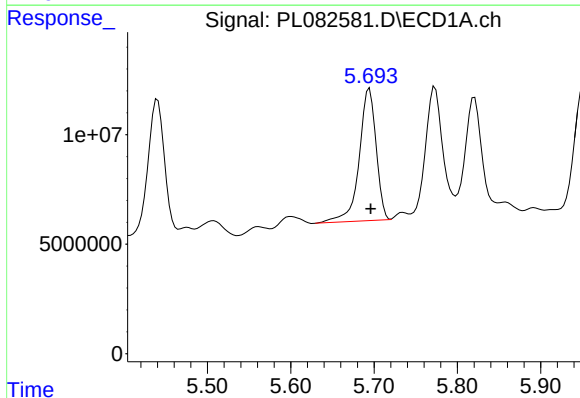
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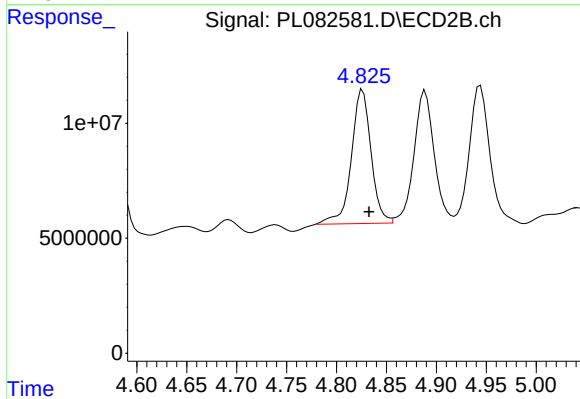
#9 Endosulfan I

R.T.: 4.944 min
Delta R.T.: -0.006 min
Response: 88073107
Conc: 32.99 ng/ml



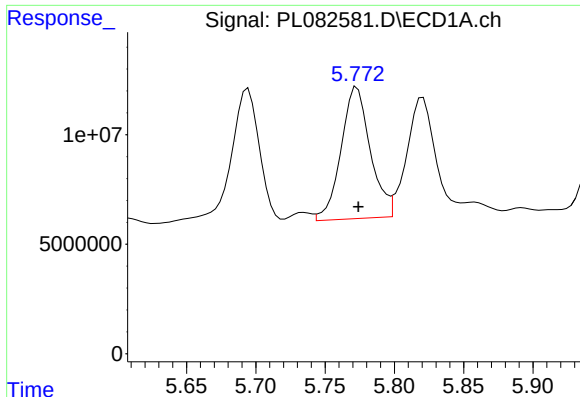
#10 gamma-Chlordane

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 85076377
Conc: 28.29 ng/ml m



#10 gamma-Chlordane

R.T.: 4.825 min
Delta R.T.: -0.008 min
Response: 80174483
Conc: 27.63 ng/ml m



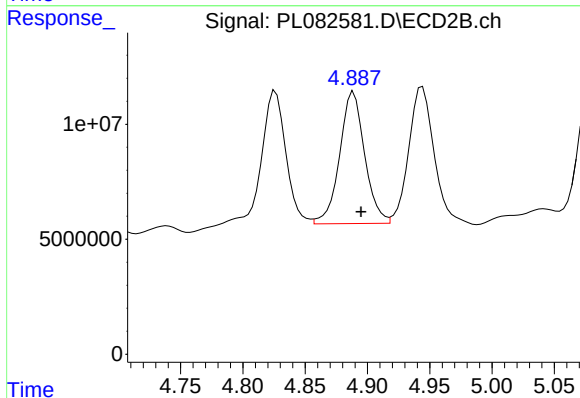
#11 alpha-Chlordane

R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 88399835
Conc: 29.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMS

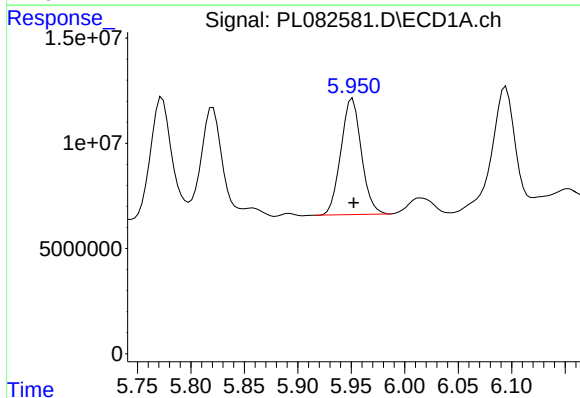
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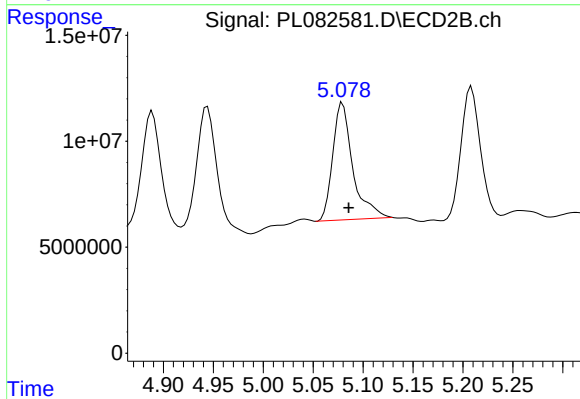
#11 alpha-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.007 min
Response: 80849421
Conc: 27.85 ng/ml m



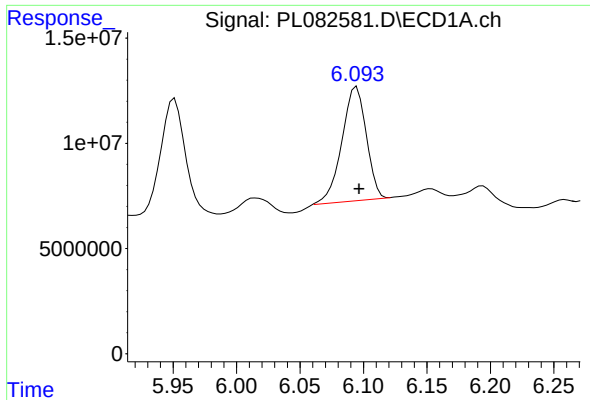
#12 4,4'-DDE

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 73647482
Conc: 28.97 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.006 min
Response: 77647610
Conc: 33.78 ng/ml



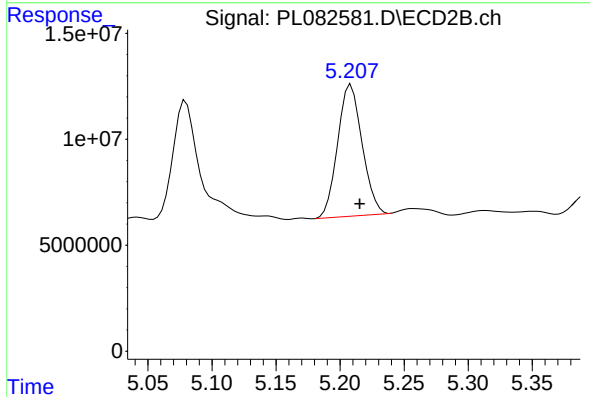
#13 Dieldrin

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 72321847
Conc: 26.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMS

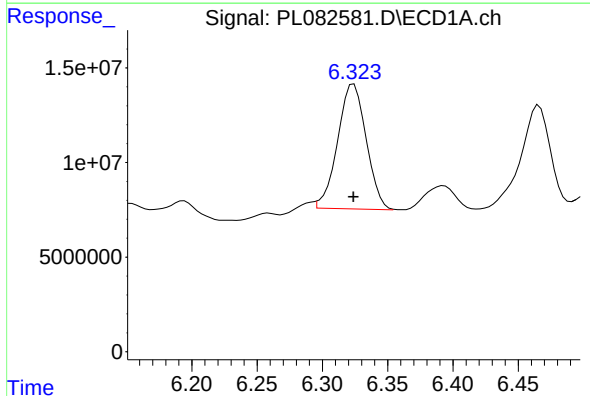
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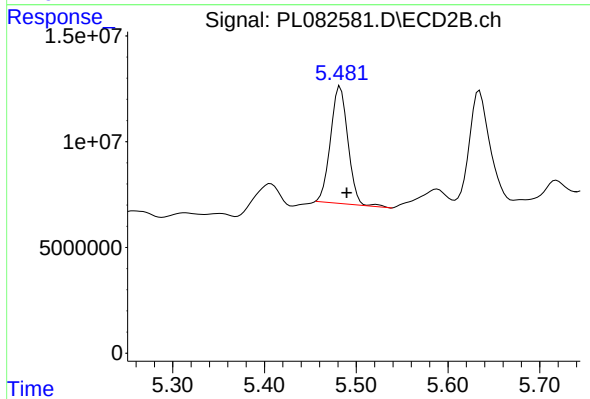
#13 Dieldrin

R.T.: 5.209 min
Delta R.T.: -0.007 min
Response: 82516271
Conc: 30.56 ng/ml



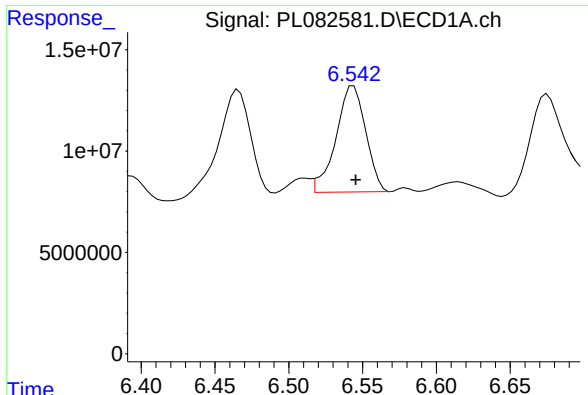
#14 Endrin

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 100241289
Conc: 41.34 ng/ml m



#14 Endrin

R.T.: 5.483 min
Delta R.T.: -0.007 min
Response: 73164341
Conc: 29.91 ng/ml



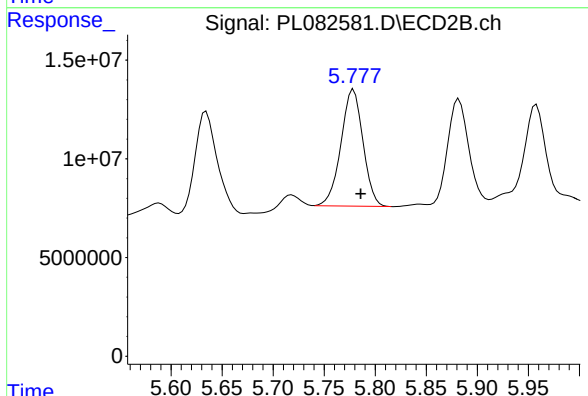
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.003 min
Response: 72986082
Conc: 29.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMS

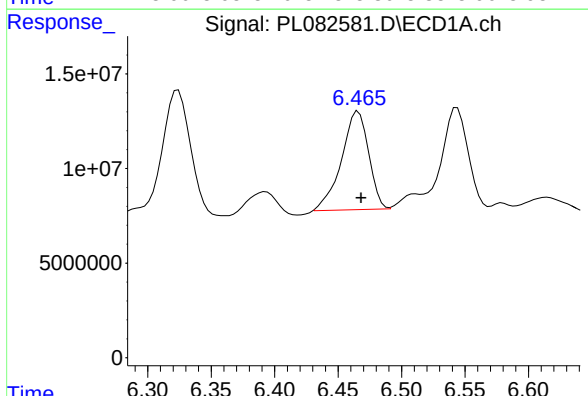
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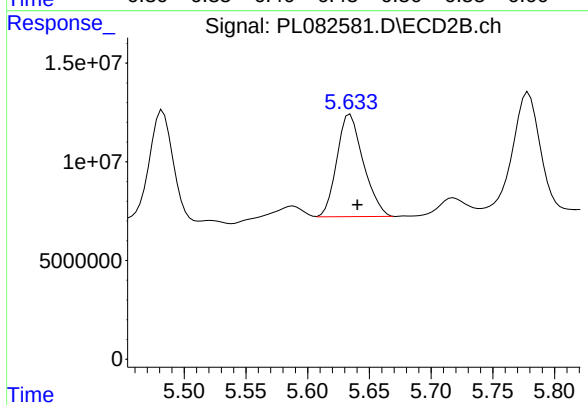
#15 Endosulfan II

R.T.: 5.777 min
Delta R.T.: -0.008 min
Response: 88663552
Conc: 39.33 ng/ml m



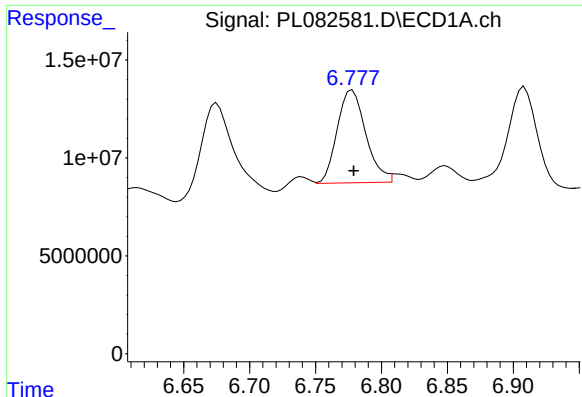
#16 4,4'-DDD

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 77469443
Conc: 38.22 ng/ml



#16 4,4'-DDD

R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 77112888
Conc: 41.23 ng/ml m



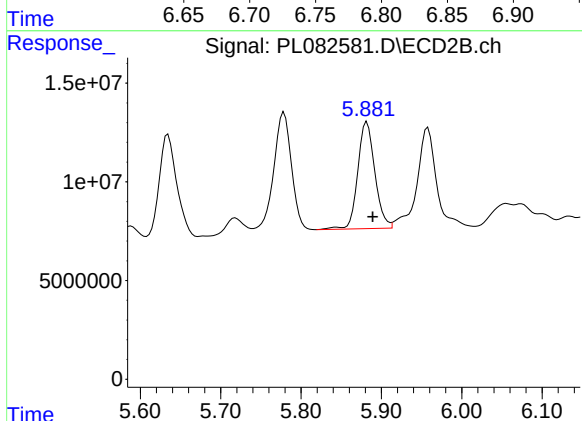
#17 4,4'-DDT

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 72553567
Conc: 31.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMS

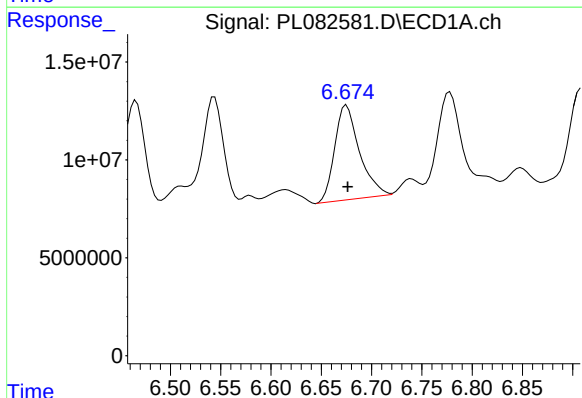
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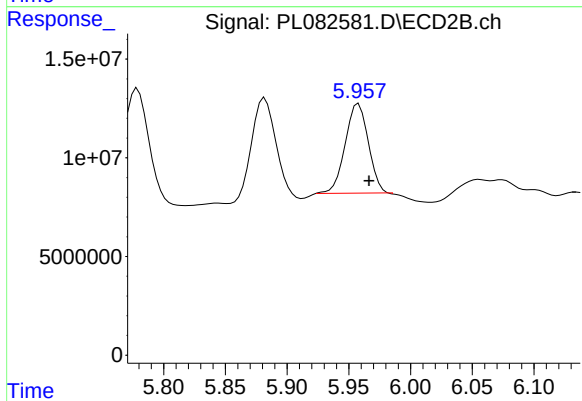
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 79974082
Conc: 37.86 ng/ml



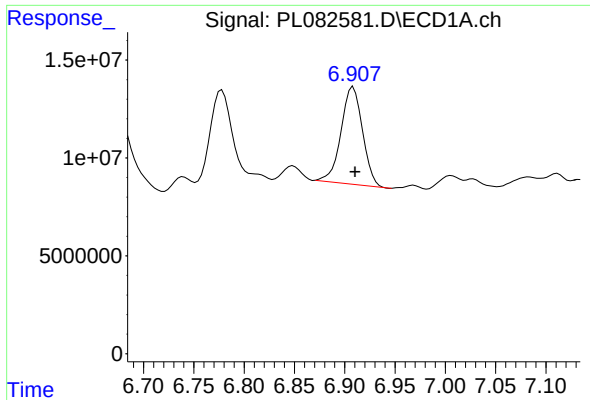
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 82612192
Conc: 43.85 ng/ml



#18 Endrin aldehyde

R.T.: 5.957 min
Delta R.T.: -0.010 min
Response: 59059852
Conc: 31.56 ng/ml m



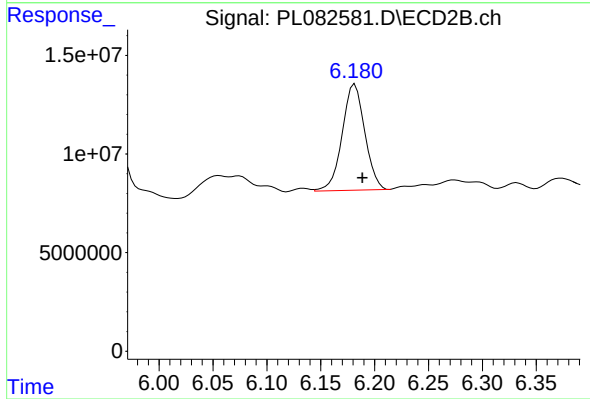
#19 Endosulfan Sulfate

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 73850318
Conc: 31.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMS

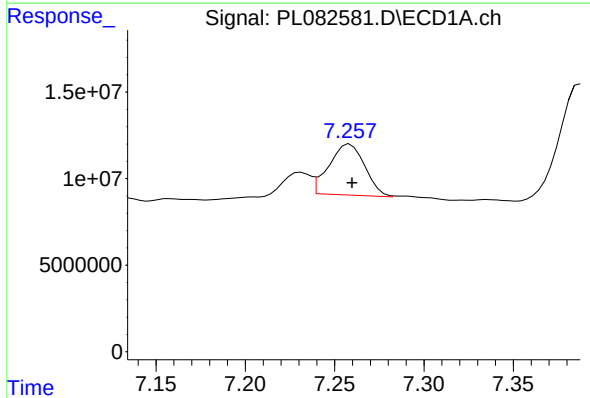
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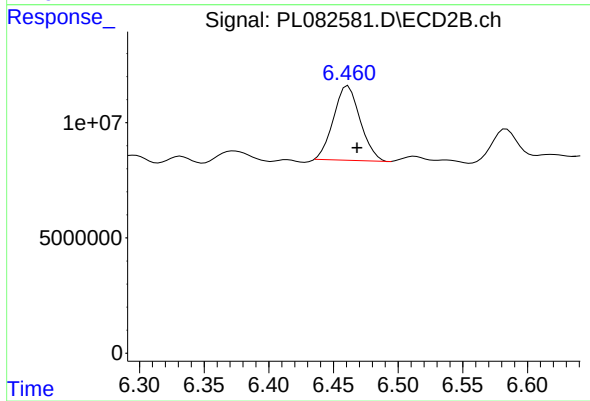
#19 Endosulfan Sulfate

R.T.: 6.182 min
Delta R.T.: -0.007 min
Response: 78414846
Conc: 33.31 ng/ml



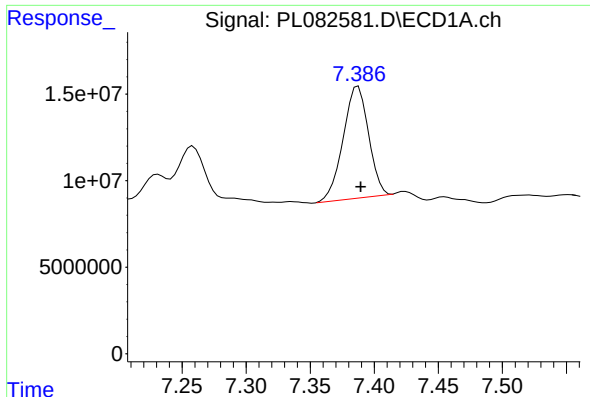
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 40376171
Conc: 33.09 ng/ml m



#20 Methoxychlor

R.T.: 6.461 min
Delta R.T.: -0.007 min
Response: 46243881
Conc: 38.16 ng/ml



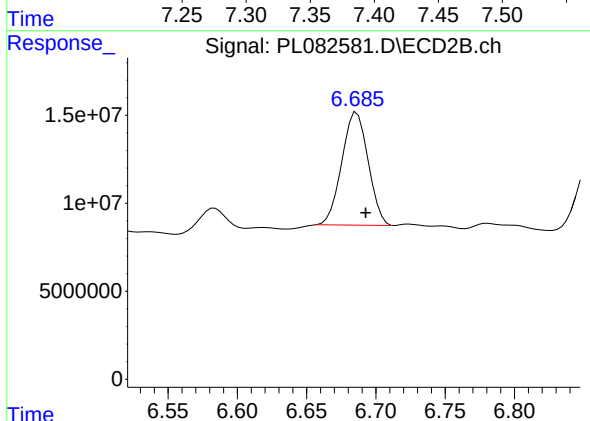
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 89277259
Conc: 37.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMS

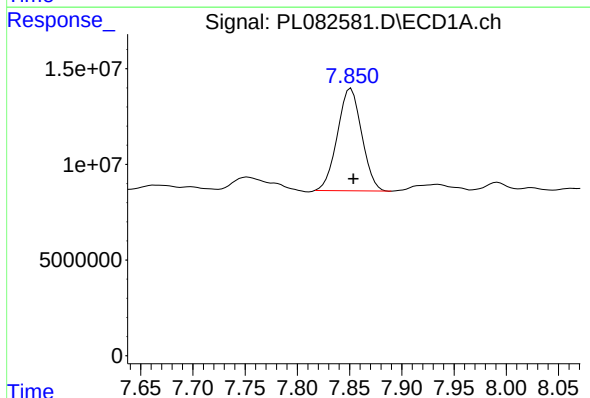
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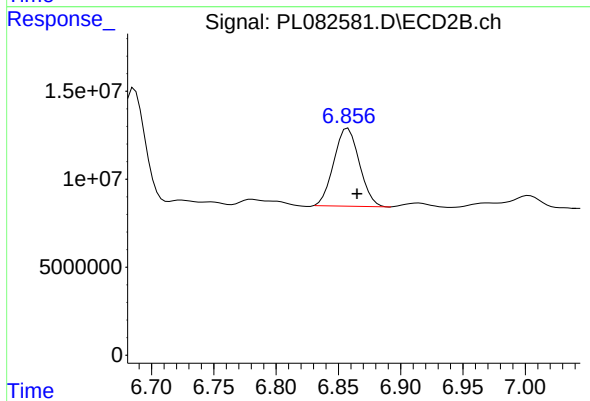
#21 Endrin ketone

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 84947866
Conc: 33.47 ng/ml m



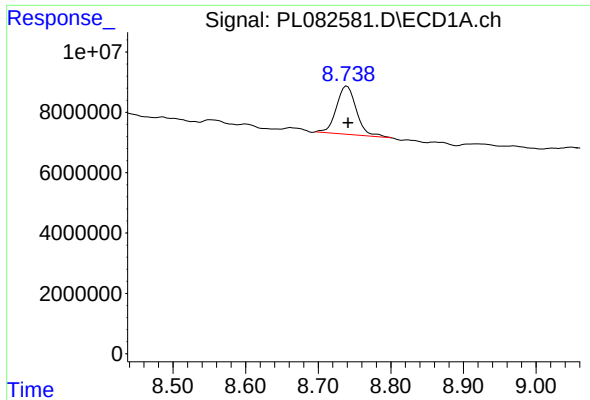
#22 Mirex

R.T.: 7.851 min
Delta R.T.: -0.002 min
Response: 86678202
Conc: 44.31 ng/ml



#22 Mirex

R.T.: 6.858 min
Delta R.T.: -0.007 min
Response: 63323464
Conc: 27.48 ng/ml



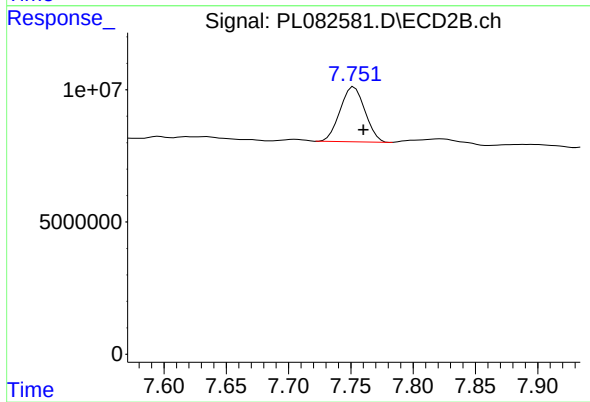
#28 Decachlorobiphenyl

R.T.: 8.740 min
Delta R.T.: -0.001 min
Response: 30294149
Conc: 15.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
CLAY-LINERMS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.753 min
Delta R.T.: -0.007 min
Response: 28971887
Conc: 12.69 ng/ml