

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030823\
 Data File : PL081316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2023 11:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/09/2023
 Supervised By :Ankita Jodhani 03/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 20:29:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.338	2.664	99024637	91782485	45.833	45.351
28)	SA Decachlor...	8.762	7.789	73232434	88022275	48.036	45.952
Target Compounds							
2)	A alpha-BHC	3.787	3.164	150.2E6	131.3E6	47.220	44.796
3)	MA gamma-BHC...	4.116	3.492	138.0E6	123.9E6	46.656	45.055
4)	MA Heptachlor	4.696	3.826	130.7E6	125.8E6	47.357	45.591
5)	MB Aldrin	5.032	4.104	122.2E6	118.6E6	48.037	45.235
6)	B beta-BHC	4.318	3.792	61073532	54144626	44.369	46.651
7)	B delta-BHC	4.560	4.020	135.1E6	118.1E6	48.595	46.367
8)	B Heptachlo...	5.458	4.607	110.0E6	110.9E6	46.592	45.844
9)	A Endosulfan I	5.839	4.975	102.8E6	103.6E6	48.666	45.778
10)	B gamma-Chl...	5.713	4.856	114.3E6	112.3E6	50.092	45.874
11)	B alpha-Chl...	5.791	4.920	110.9E6	112.0E6	49.220	45.750
12)	B 4,4'-DDE	5.969	5.111	96703585	97743325	49.424	49.796
13)	MA Dieldrin	6.113	5.240	102.1E6	104.1E6	48.793	46.193
14)	MA Endrin	6.340	5.514	84308154	87782349	46.387	43.681
15)	B Endosulfa...	6.562	5.811	83613456	85877661	47.957	46.579
16)	A 4,4'-DDD	6.485	5.665	82259779	81865734	53.437	53.364
17)	MA 4,4'-DDT	6.795	5.914	70350107	69990165	44.320	43.626
18)	B Endrin al...	6.691	5.991	66928687	68767236	46.759m	45.390
19)	B Endosulfa...	6.926	6.214	86476679	88771721	48.163	46.186
20)	A Methoxychlor	7.276	6.495	38160482	40311238	44.302	43.434
21)	B Endrin ke...	7.406	6.720	89878631	98847771	49.547	45.910
22)	Mirex	7.871	6.892	68900691	86372907	47.221	44.877

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030823\
Data File : PL081316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Mar 2023 11:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

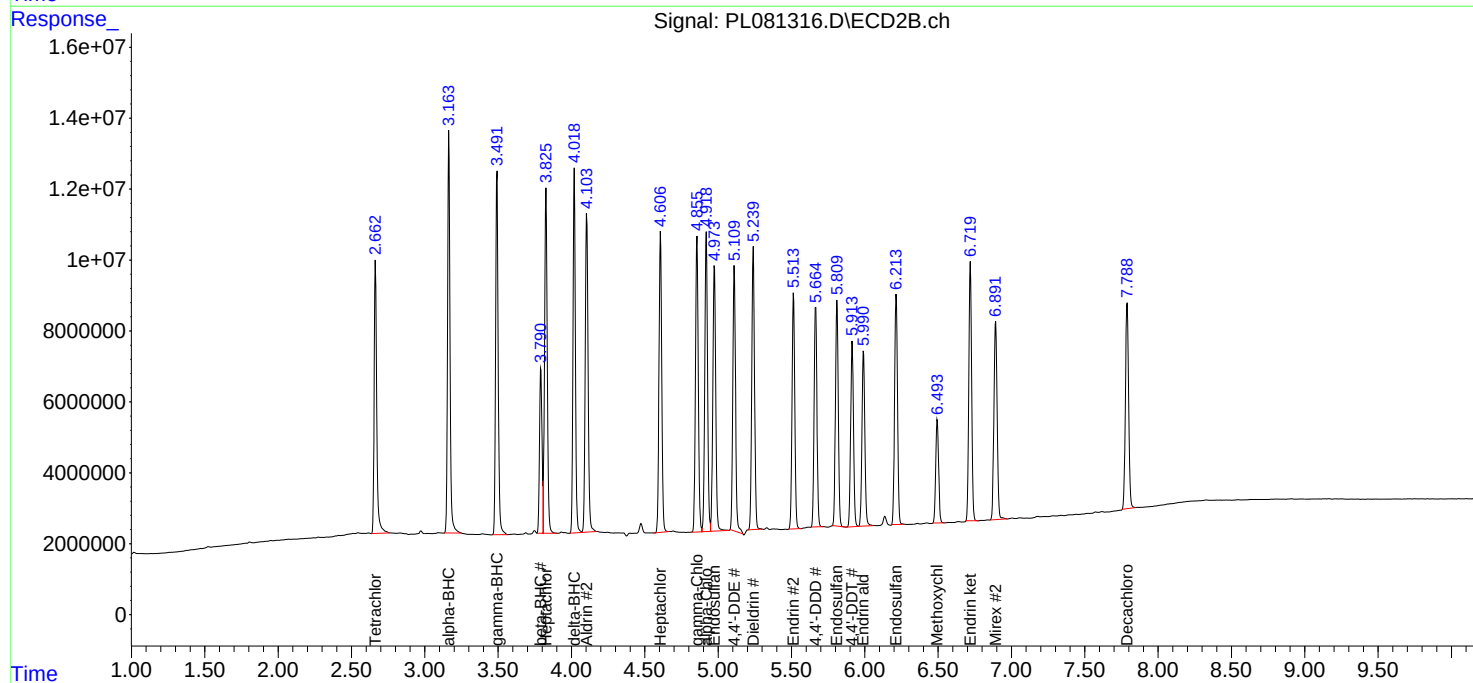
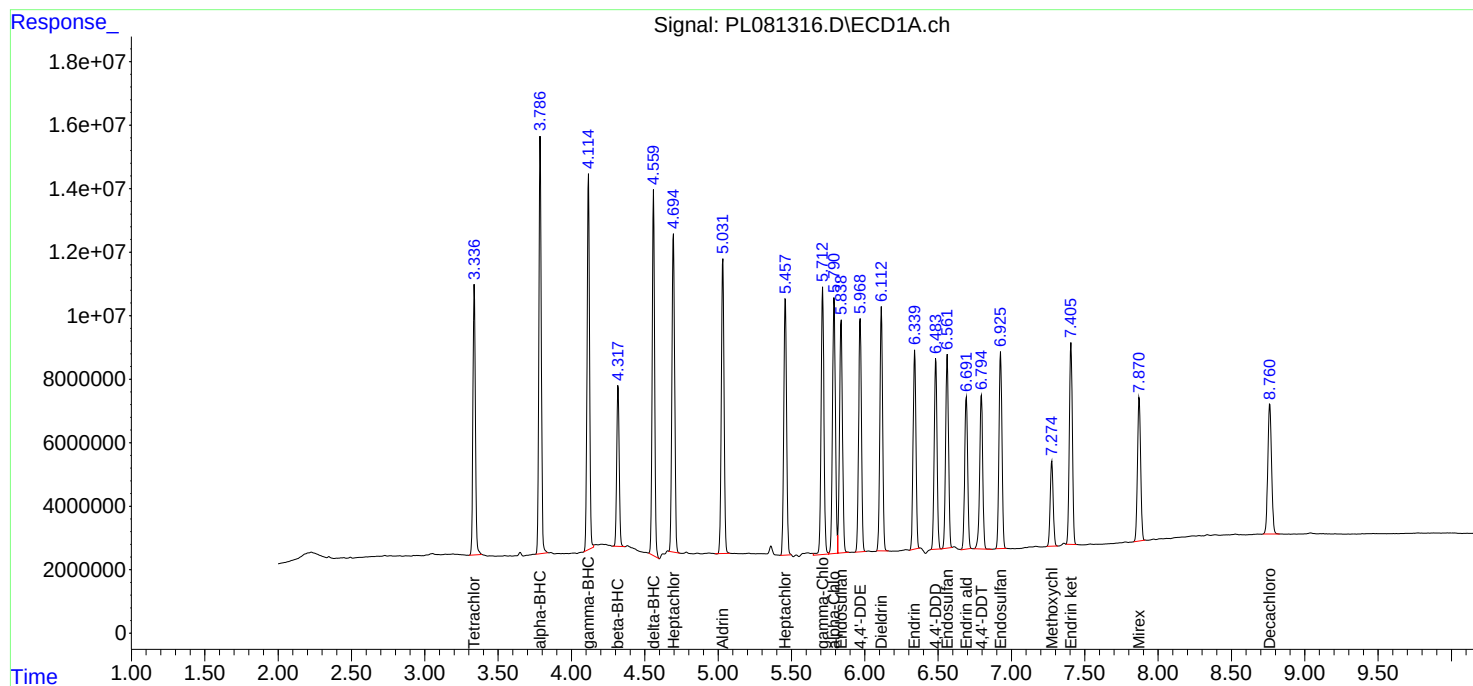
APPROVED

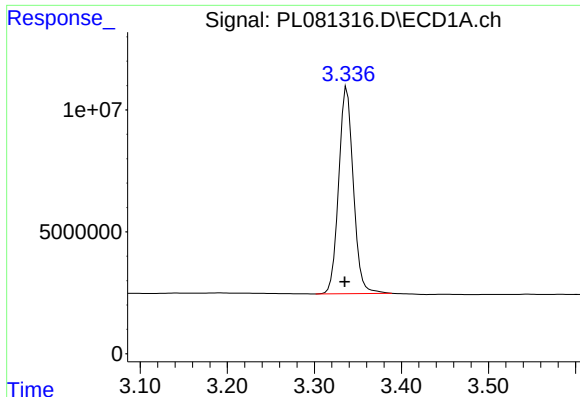
Reviewed By :Abdul Mirza 03/09/2023

Supervised By :Ankita Jodhani 03/09/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 20:29:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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





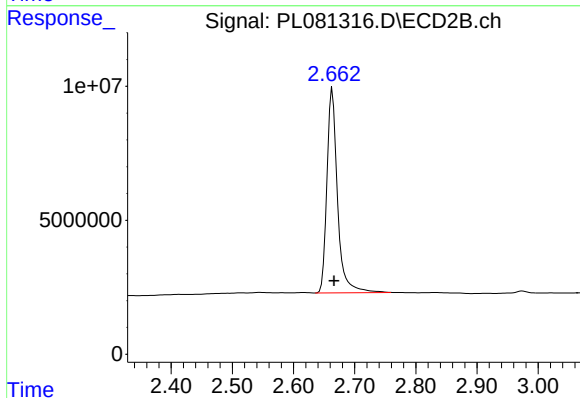
#1 Tetrachloro-m-xylene

R.T.: 3.338 min
Delta R.T.: 0.003 min
Response: 99024637
Conc: 45.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

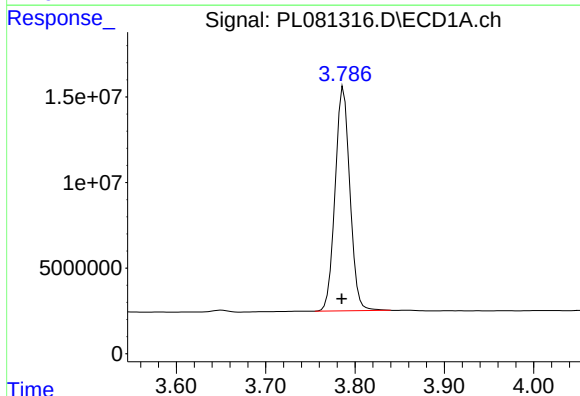
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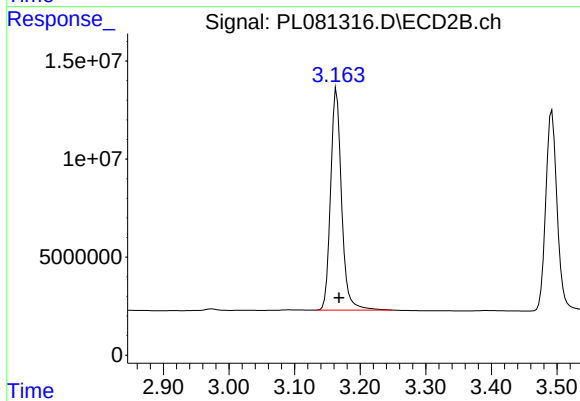
#1 Tetrachloro-m-xylene

R.T.: 2.664 min
Delta R.T.: -0.003 min
Response: 91782485
Conc: 45.35 ng/ml



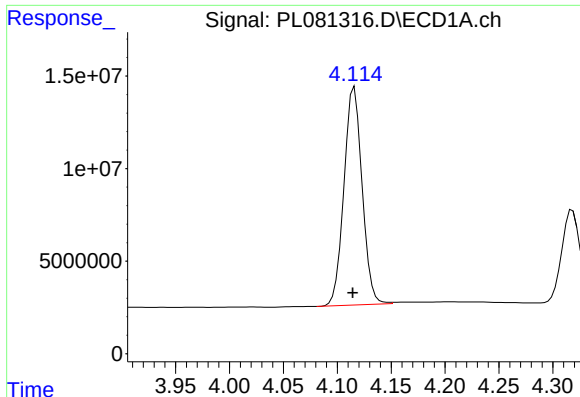
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: 0.002 min
Response: 150220600
Conc: 47.22 ng/ml



#2 alpha-BHC

R.T.: 3.164 min
Delta R.T.: -0.004 min
Response: 131279935
Conc: 44.80 ng/ml



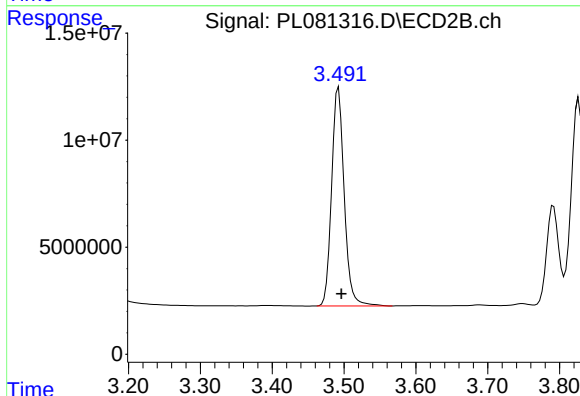
#3 gamma-BHC (Lindane)

R.T.: 4.116 min
Delta R.T.: 0.001 min
Response: 138035489
Conc: 46.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

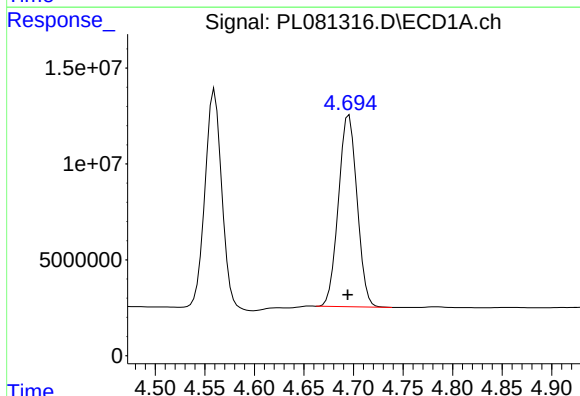
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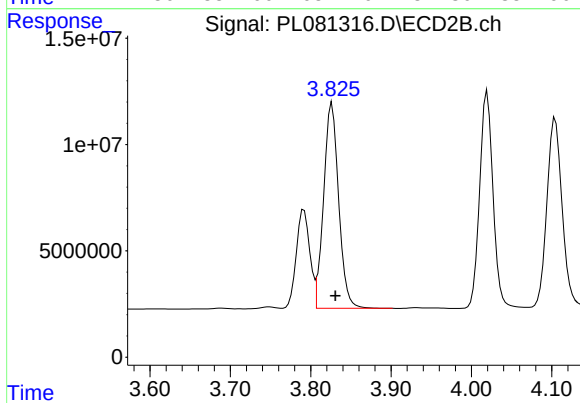
#3 gamma-BHC (Lindane)

R.T.: 3.492 min
Delta R.T.: -0.004 min
Response: 123948927
Conc: 45.05 ng/ml



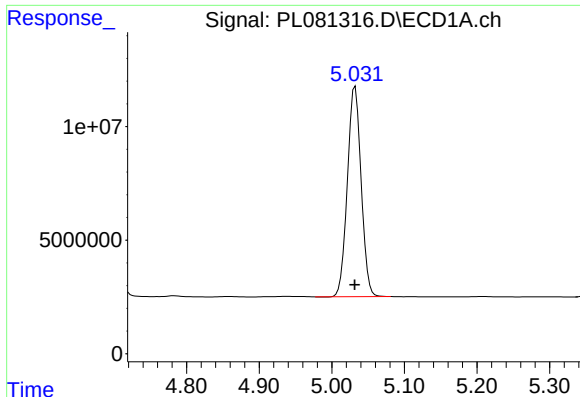
#4 Heptachlor

R.T.: 4.696 min
Delta R.T.: 0.001 min
Response: 130675334
Conc: 47.36 ng/ml



#4 Heptachlor

R.T.: 3.826 min
Delta R.T.: -0.004 min
Response: 125810454
Conc: 45.59 ng/ml



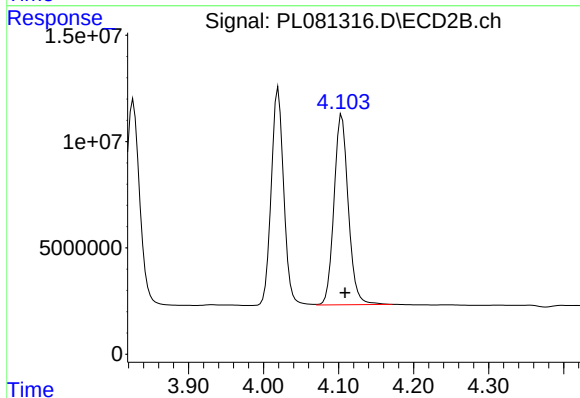
#5 Aldrin

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 122213948
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

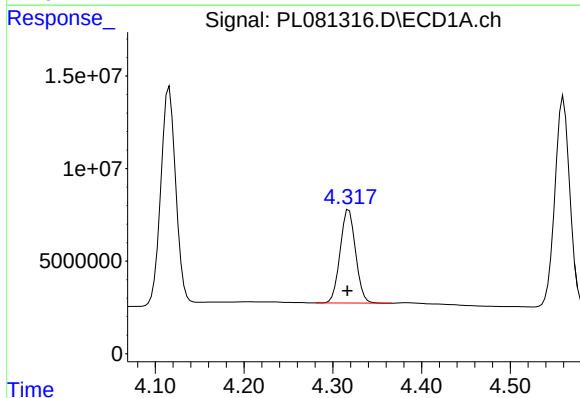
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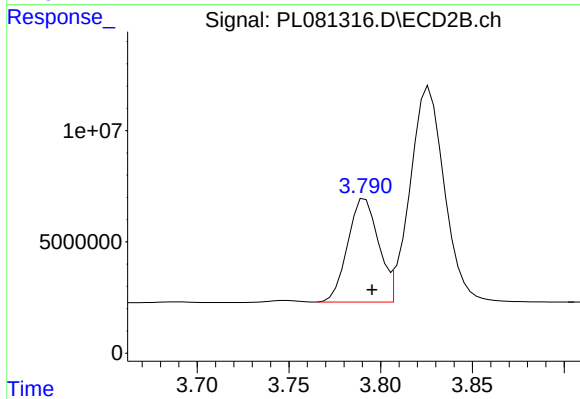
#5 Aldrin

R.T.: 4.104 min
Delta R.T.: -0.004 min
Response: 118595012
Conc: 45.24 ng/ml



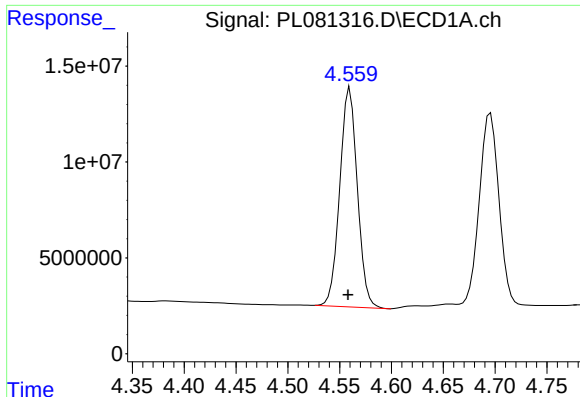
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: 0.002 min
Response: 61073532
Conc: 44.37 ng/ml



#6 beta-BHC

R.T.: 3.792 min
Delta R.T.: -0.004 min
Response: 54144626
Conc: 46.65 ng/ml



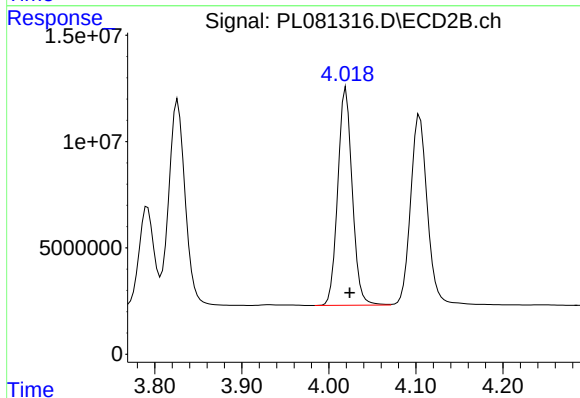
#7 delta-BHC

R.T.: 4.560 min
Delta R.T.: 0.002 min
Response: 135053985
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

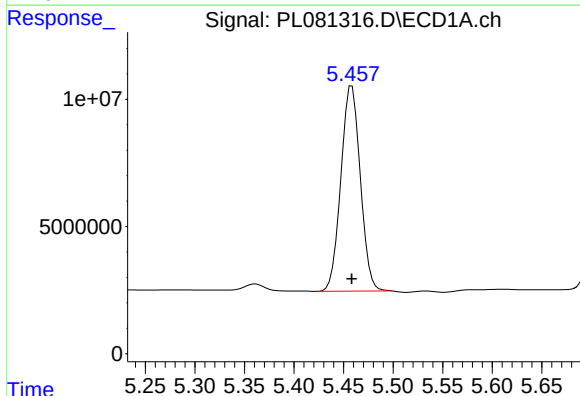
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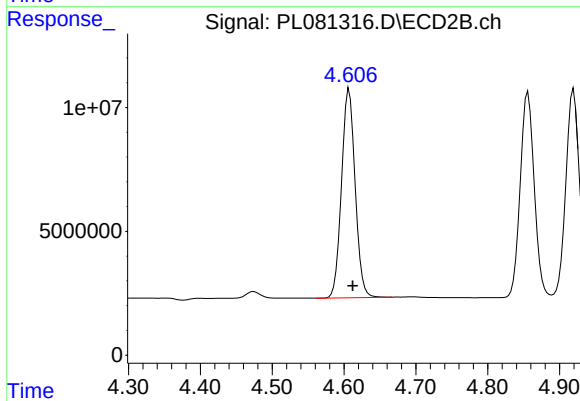
#7 delta-BHC

R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 118081193
Conc: 46.37 ng/ml



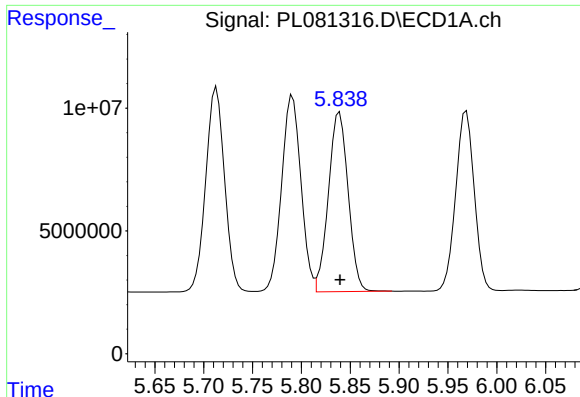
#8 Heptachlor epoxide

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 109957724
Conc: 46.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.607 min
Delta R.T.: -0.005 min
Response: 110855341
Conc: 45.84 ng/ml



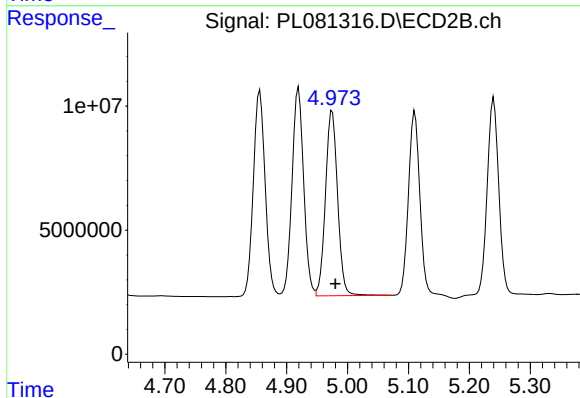
#9 Endosulfan I

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 102817834
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

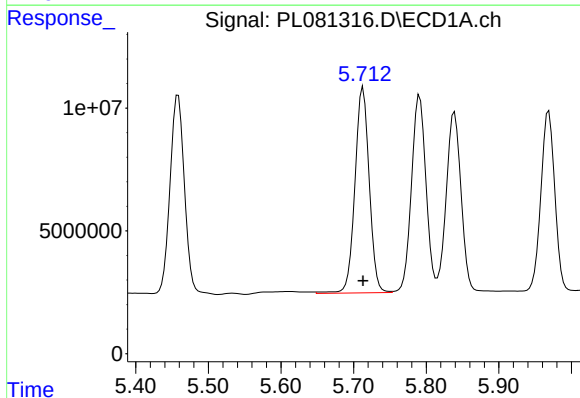
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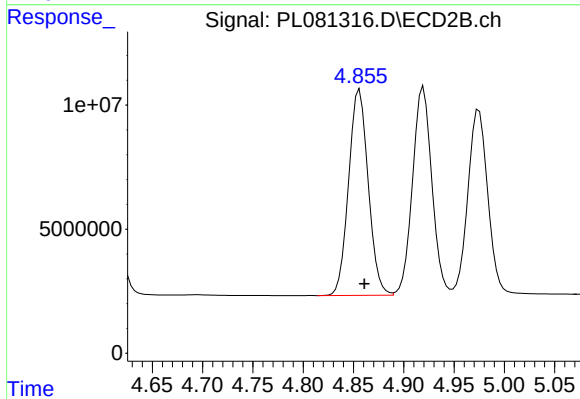
#9 Endosulfan I

R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 103626311
Conc: 45.78 ng/ml



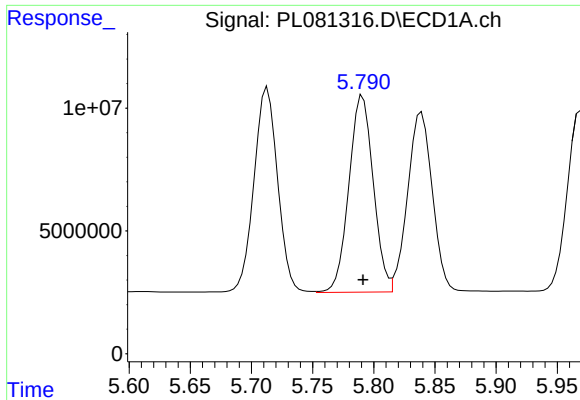
#10 gamma-Chlordane

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 114305669
Conc: 50.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.856 min
Delta R.T.: -0.005 min
Response: 112289889
Conc: 45.87 ng/ml



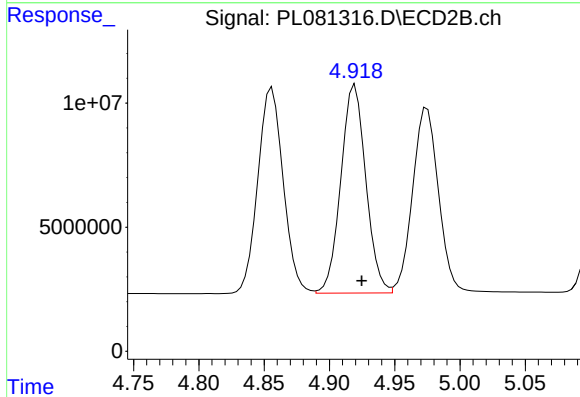
#11 alpha-Chlordane

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 110890240
Conc: 49.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

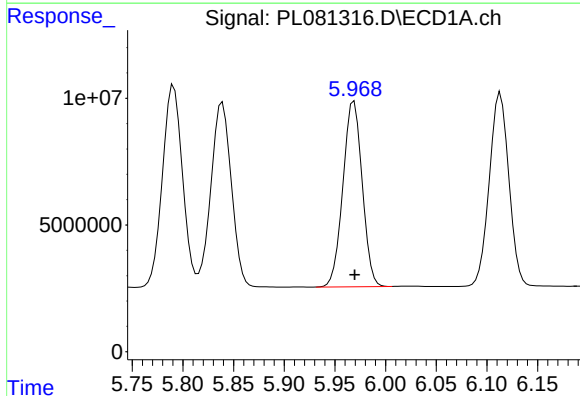
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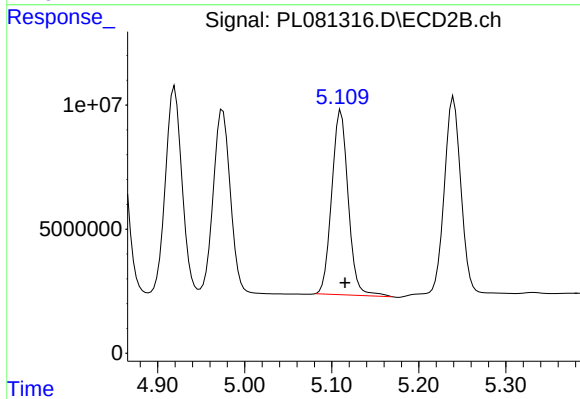
#11 alpha-Chlordane

R.T.: 4.920 min
Delta R.T.: -0.005 min
Response: 112020687
Conc: 45.75 ng/ml



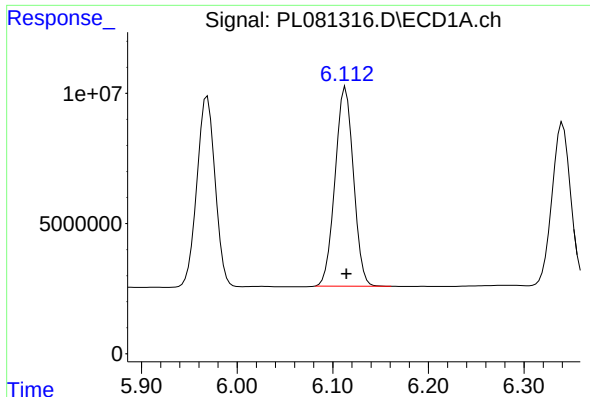
#12 4,4'-DDE

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 96703585
Conc: 49.42 ng/ml



#12 4,4'-DDE

R.T.: 5.111 min
Delta R.T.: -0.005 min
Response: 97743325
Conc: 49.80 ng/ml



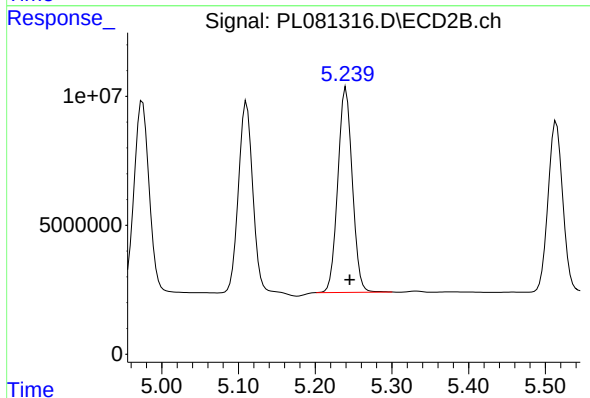
#13 Dieldrin

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 102122854
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

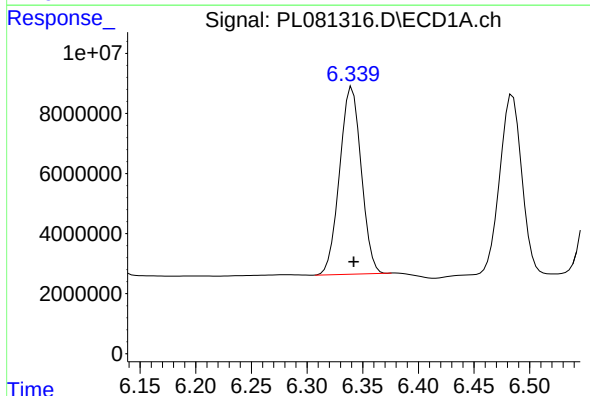
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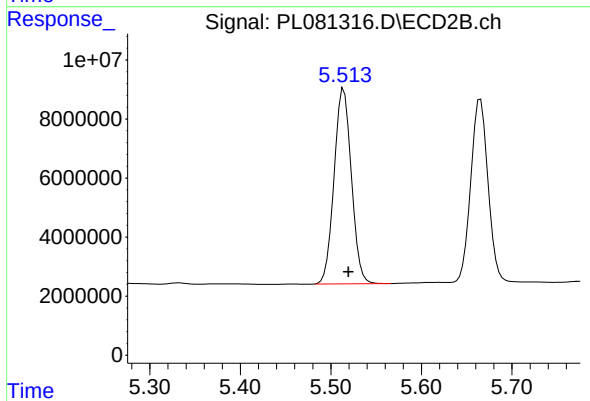
#13 Dieldrin

R.T.: 5.240 min
Delta R.T.: -0.005 min
Response: 104136100
Conc: 46.19 ng/ml



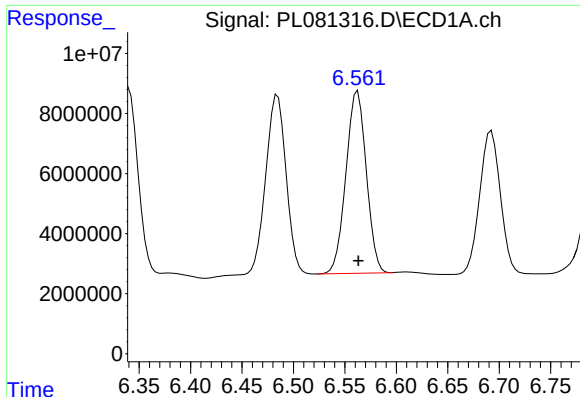
#14 Endrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 84308154
Conc: 46.39 ng/ml



#14 Endrin

R.T.: 5.514 min
Delta R.T.: -0.005 min
Response: 87782349
Conc: 43.68 ng/ml



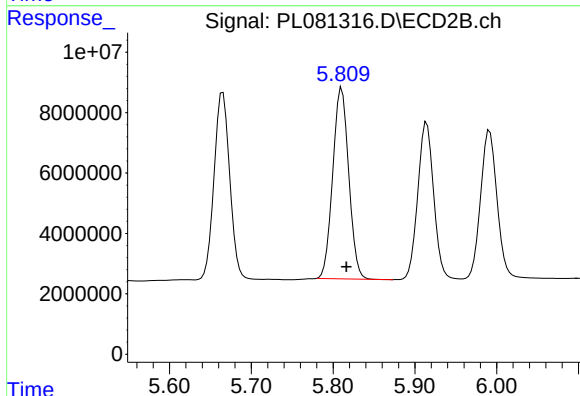
#15 Endosulfan II

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 83613456
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

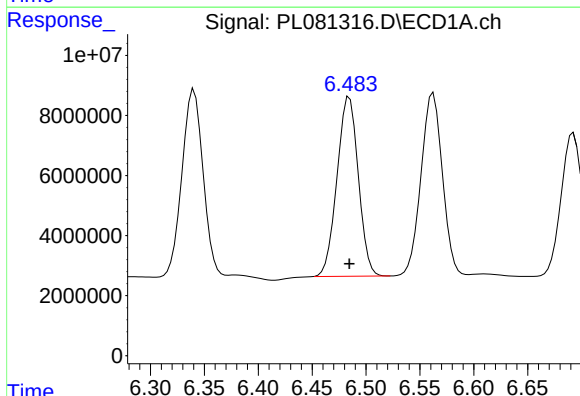
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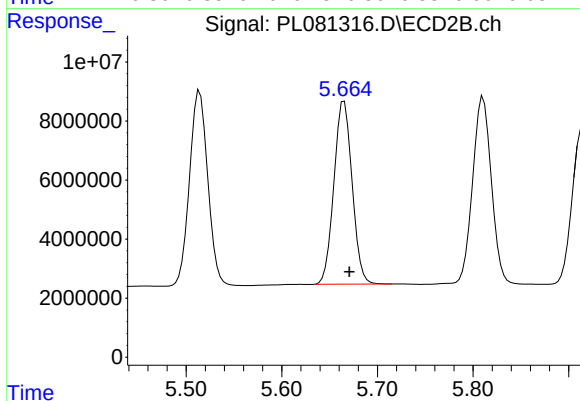
#15 Endosulfan II

R.T.: 5.811 min
Delta R.T.: -0.006 min
Response: 85877661
Conc: 46.58 ng/ml



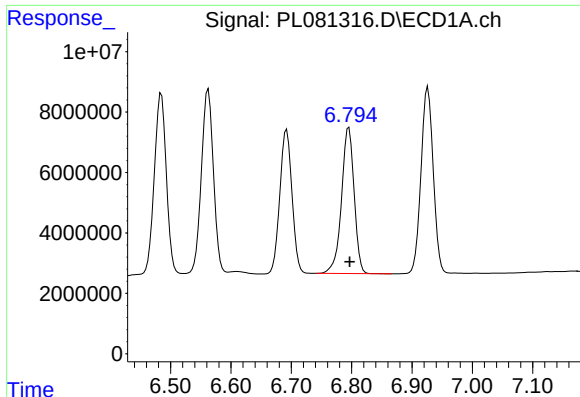
#16 4,4'-DDD

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 82259779
Conc: 53.44 ng/ml



#16 4,4'-DDD

R.T.: 5.665 min
Delta R.T.: -0.005 min
Response: 81865734
Conc: 53.36 ng/ml



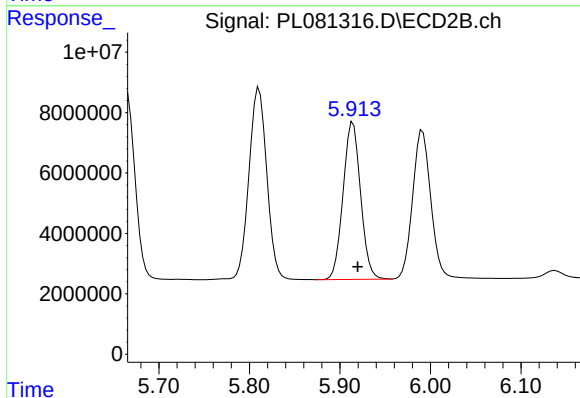
#17 4,4'-DDT

R.T.: 6.795 min
Delta R.T.: -0.001 min
Response: 70350107
Conc: 44.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

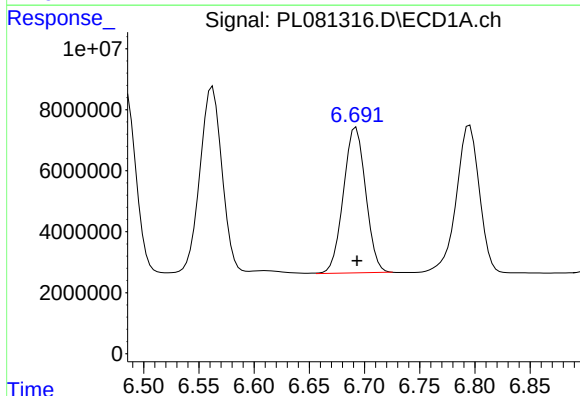
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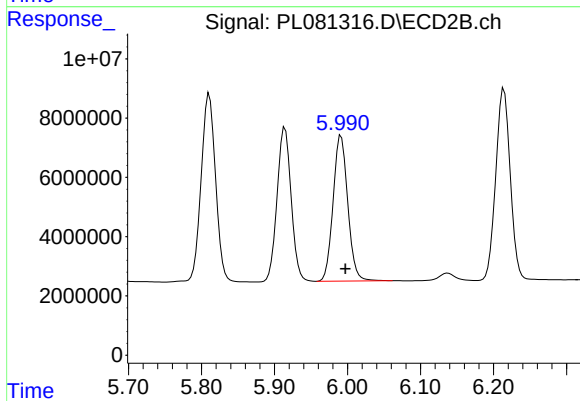
#17 4,4'-DDT

R.T.: 5.914 min
Delta R.T.: -0.005 min
Response: 69990165
Conc: 43.63 ng/ml



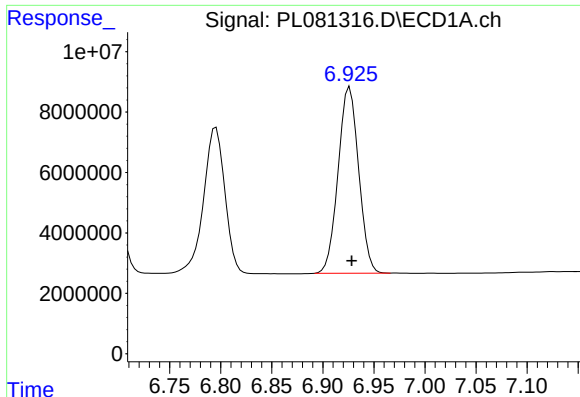
#18 Endrin aldehyde

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 66928687
Conc: 46.76 ng/ml m



#18 Endrin aldehyde

R.T.: 5.991 min
Delta R.T.: -0.006 min
Response: 68767236
Conc: 45.39 ng/ml



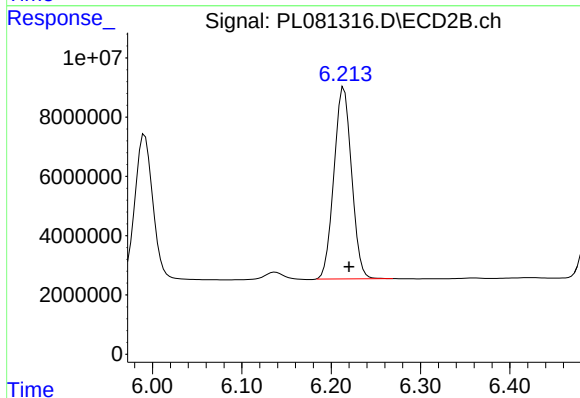
#19 Endosulfan Sulfate

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 86476679
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

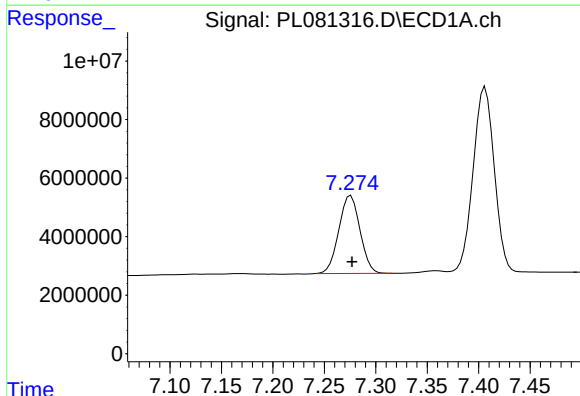
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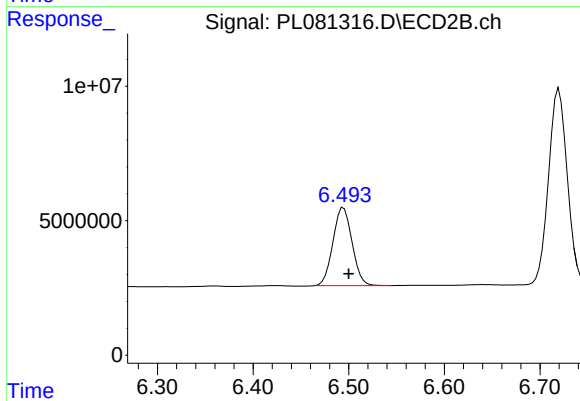
#19 Endosulfan Sulfate

R.T.: 6.214 min
Delta R.T.: -0.005 min
Response: 88771721
Conc: 46.19 ng/ml



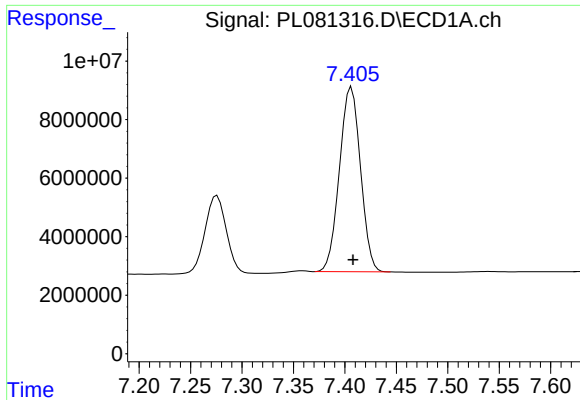
#20 Methoxychlor

R.T.: 7.276 min
Delta R.T.: -0.001 min
Response: 38160482
Conc: 44.30 ng/ml



#20 Methoxychlor

R.T.: 6.495 min
Delta R.T.: -0.005 min
Response: 40311238
Conc: 43.43 ng/ml



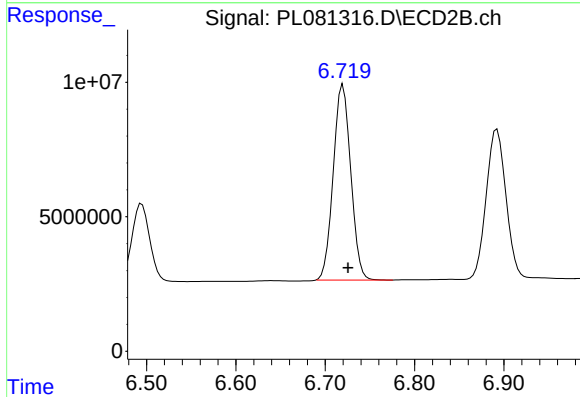
#21 Endrin ketone

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 89878631
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

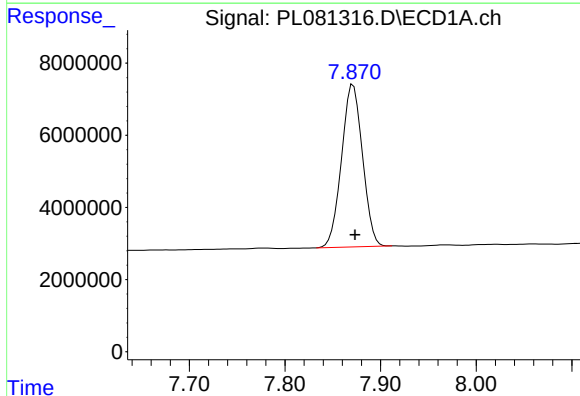
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Reviewed By :Abdul Mirza 03/09/2023
Supervised By :Ankita Jodhani 03/09/2023



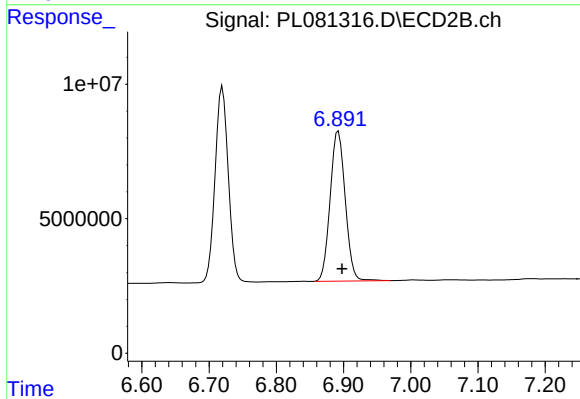
#21 Endrin ketone

R.T.: 6.720 min
Delta R.T.: -0.006 min
Response: 98847771
Conc: 45.91 ng/ml



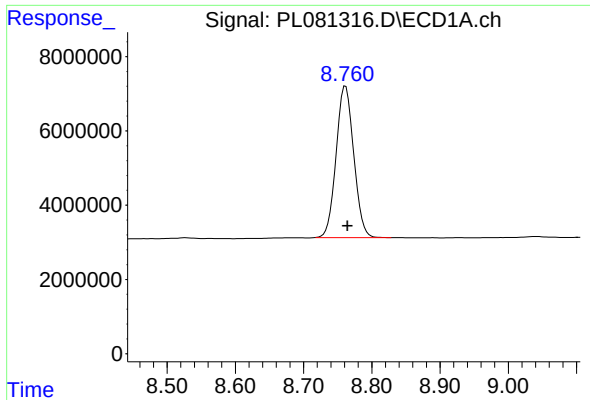
#22 Mirex

R.T.: 7.871 min
Delta R.T.: -0.002 min
Response: 68900691
Conc: 47.22 ng/ml



#22 Mirex

R.T.: 6.892 min
Delta R.T.: -0.006 min
Response: 86372907
Conc: 44.88 ng/ml



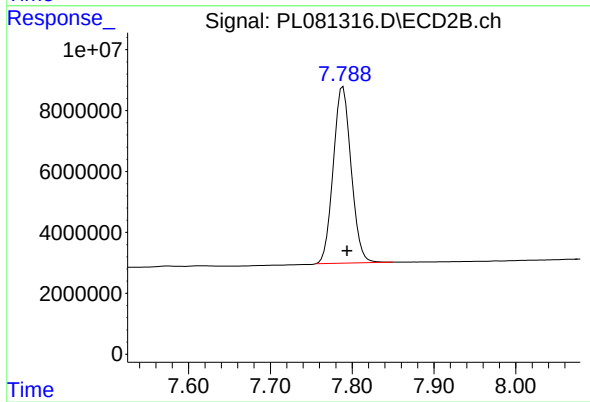
#28 Decachlorobiphenyl

R.T.: 8.762 min
Delta R.T.: -0.003 min
Response: 73232434
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/09/2023
Supervised By :Ankita Jodhani 03/09/2023



#28 Decachlorobiphenyl

R.T.: 7.789 min
Delta R.T.: -0.005 min
Response: 88022275
Conc: 45.95 ng/ml