

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032223\
 Data File : PL081620.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2023 22:13
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL032223

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/23/2023
 Supervised By :Ankita Jodhani 03/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 00:57:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 00:55:15 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...	3.329	2.659	117.6E6	103.0E6	50.550	51.592
28)	SA Decachlor...	8.748	7.775	87430093	96967163	48.854	48.893
Target Compounds							
2)	A alpha-BHC	3.778	3.158	179.5E6	152.7E6	52.365	52.373
3)	MA gamma-BHC...	4.106	3.485	161.1E6	143.0E6	50.717	51.377
4)	MA Heptachlor	4.684	3.818	162.0E6	147.6E6	51.365m	51.488
5)	MB Aldrin	5.022	4.096	146.5E6	134.1E6	51.221	50.311
6)	B beta-BHC	4.308	3.784	73020580	59660975	47.960	50.094
7)	B delta-BHC	4.550	4.011	156.3E6	134.7E6	51.248	52.099
8)	B Heptachlo...	5.448	4.598	134.5E6	123.8E6	49.294	51.042
9)	A Endosulfan I	5.829	4.966	122.1E6	115.6E6	49.433	52.366
10)	B gamma-Chl...	5.702	4.847	133.2E6	124.2E6	50.729	51.087
11)	B alpha-Chl...	5.781	4.910	131.3E6	123.9E6	50.726	51.026
12)	B 4,4'-DDE	5.959	5.101	115.0E6	99479963	51.035	50.451
13)	MA Dieldrin	6.103	5.230	123.2E6	116.4E6	50.884	51.767
14)	MA Endrin	6.330	5.504	107.4E6	104.0E6	50.770	51.385
15)	B Endosulfa...	6.552	5.800	101.6E6	94676520	47.858	52.216
16)	A 4,4'-DDD	6.474	5.655	92310492	79671080	51.184	52.500
17)	MA 4,4'-DDT	6.785	5.904	101.2E6	88343819	49.862	51.265
18)	B Endrin al...	6.682	5.980	81678677	77767295	49.922	50.076
19)	B Endosulfa...	6.916	6.203	104.9E6	98531853	50.316	50.641
20)	A Methoxychlor	7.265	6.483	53928776	50348550	50.078	50.549
21)	B Endrin ke...	7.396	6.708	106.8E6	109.6E6	50.997	51.307
22)	Mirex	7.858	6.880	85439970	96547853	49.739m	50.292

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032223\
Data File : PL081620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Mar 2023 22:13
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ICVPL032223

Manual Integrations

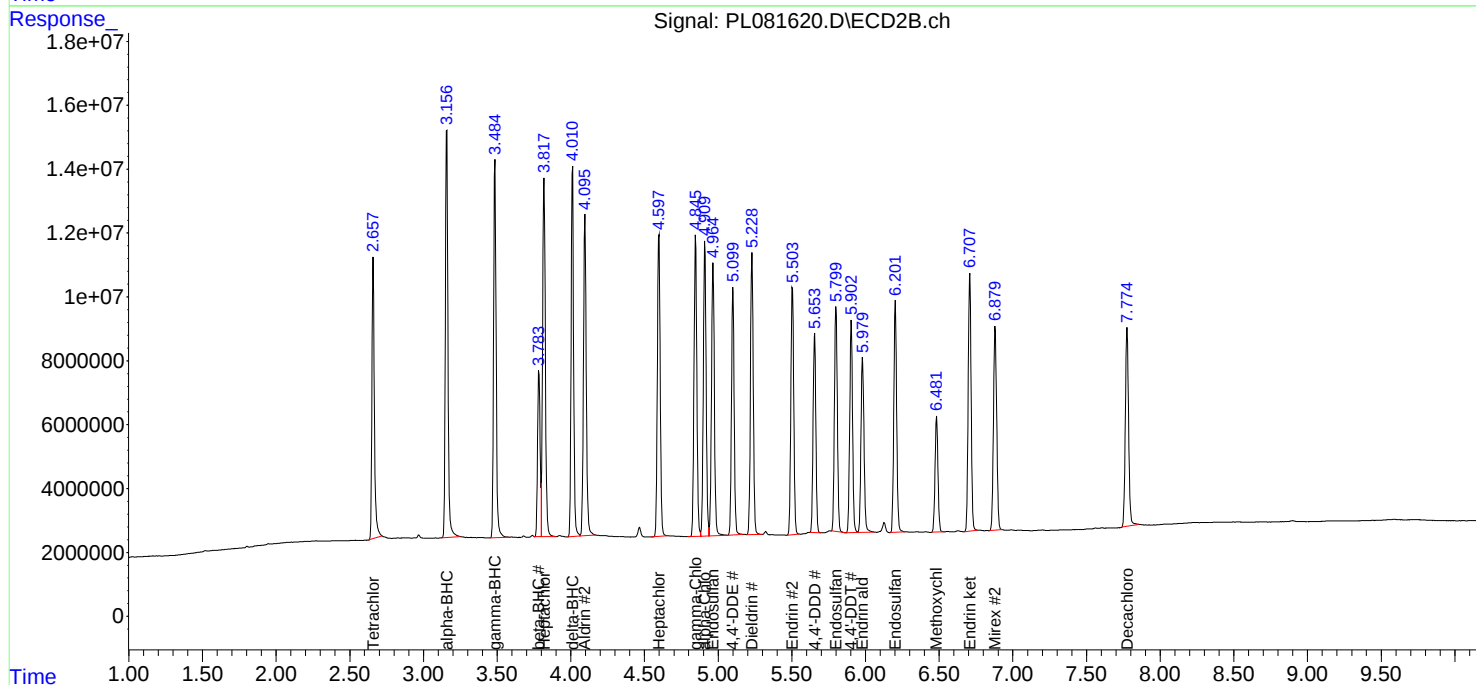
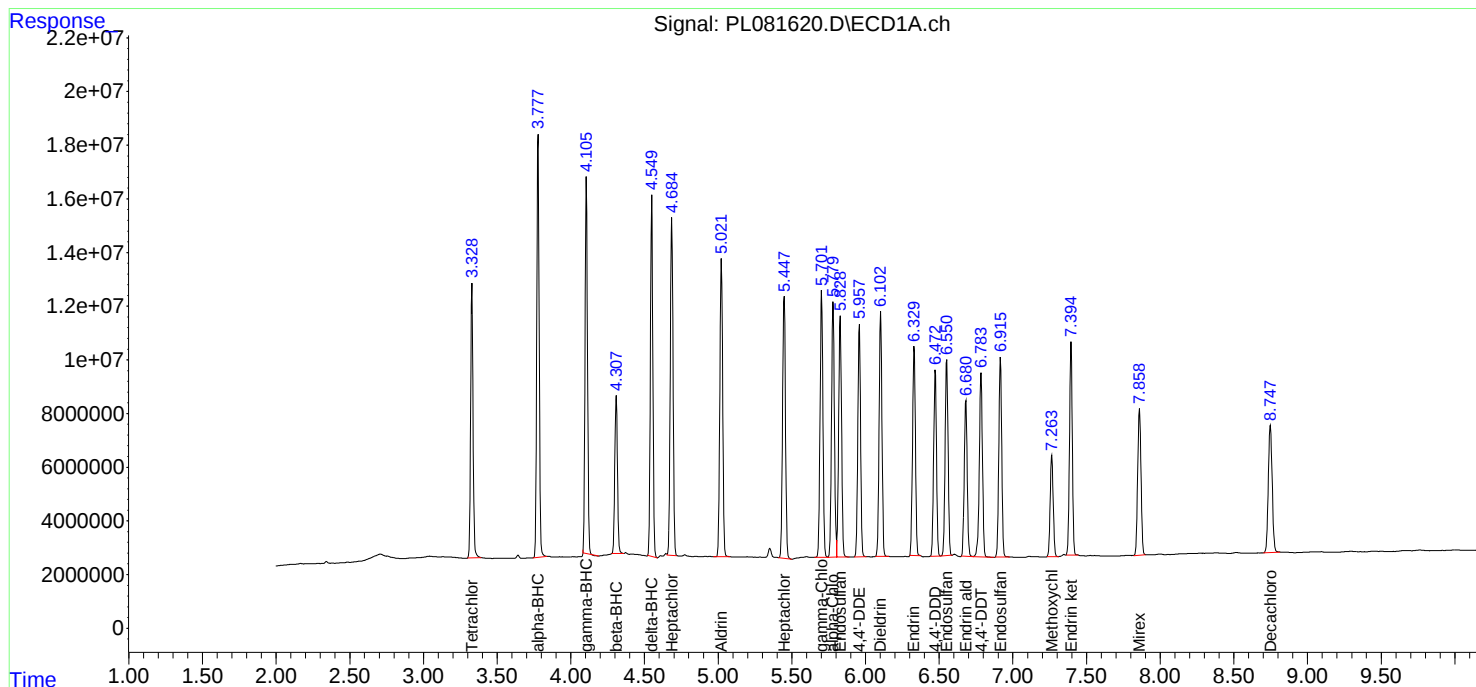
APPROVED

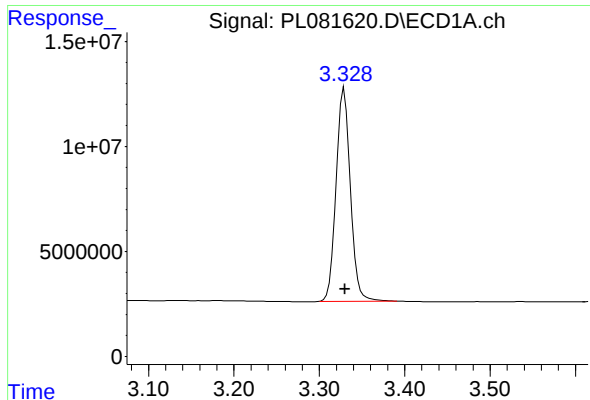
Reviewed By :Abdul Mirza 03/23/2023

Supervised By :Ankita Jodhani 03/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time : Mar 23 00:57:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 00:55:15 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





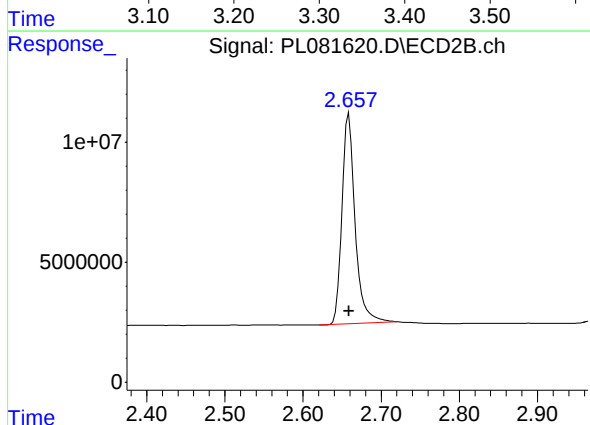
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 117574113
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL032223

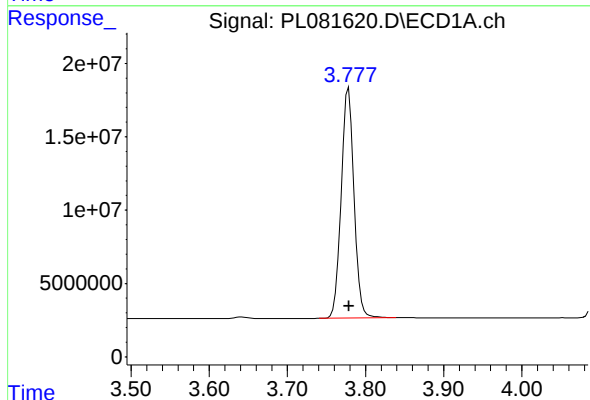
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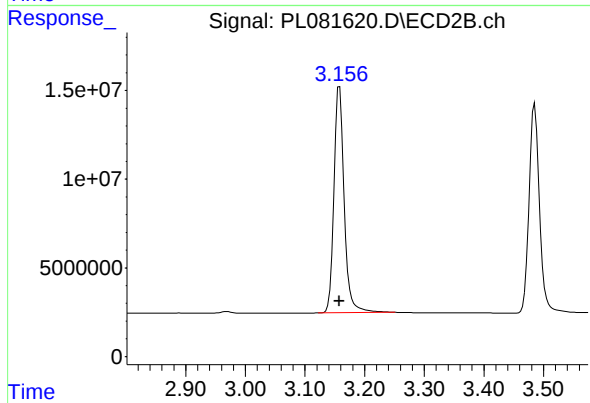
#1 Tetrachloro-m-xylene

R.T.: 2.659 min
Delta R.T.: 0.000 min
Response: 102985377
Conc: 51.59 ng/ml



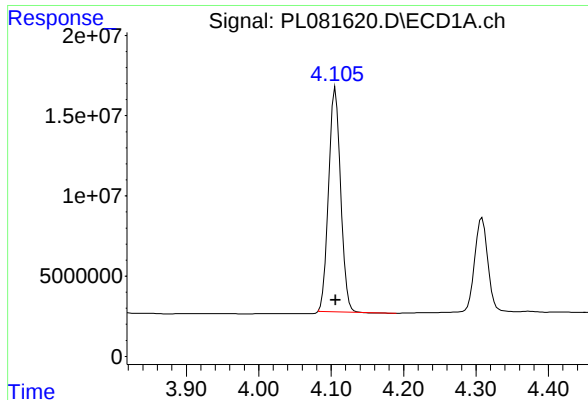
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 179526118
Conc: 52.36 ng/ml



#2 alpha-BHC

R.T.: 3.158 min
Delta R.T.: 0.000 min
Response: 152666529
Conc: 52.37 ng/ml



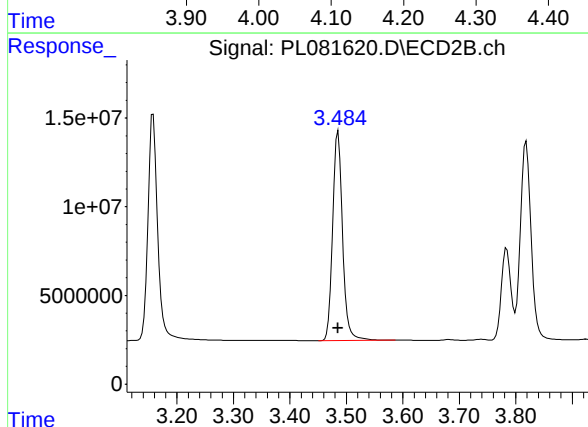
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: 0.000 min
Response: 161120107
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL032223

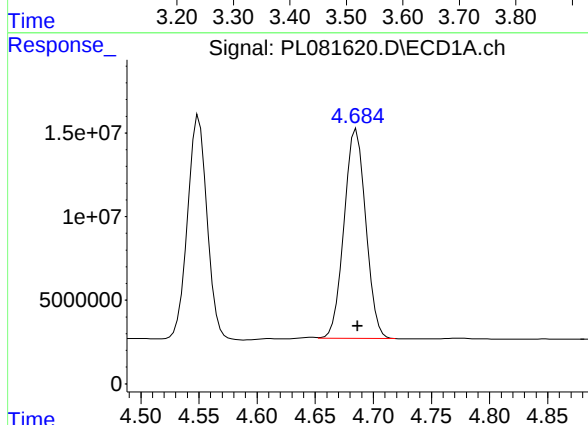
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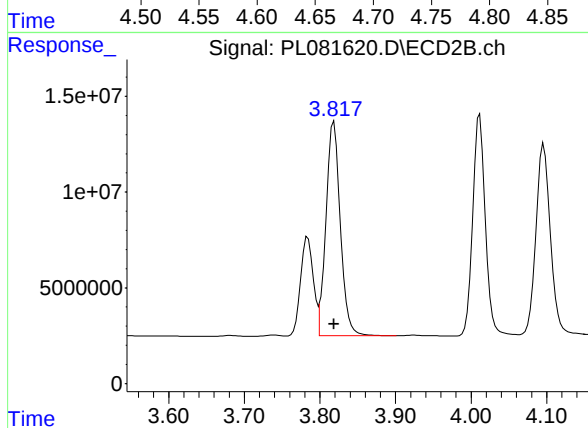
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 143044763
Conc: 51.38 ng/ml



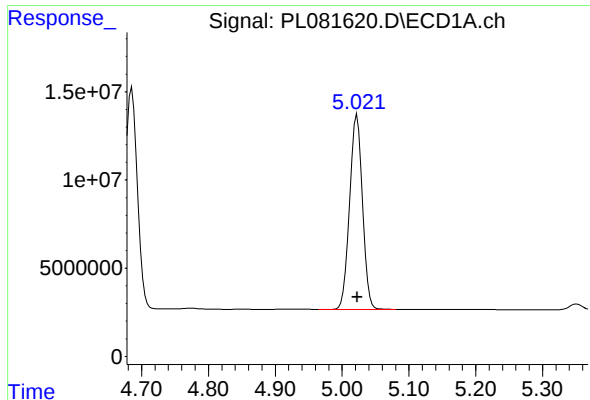
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.002 min
Response: 162014719
Conc: 51.36 ng/ml m



#4 Heptachlor

R.T.: 3.818 min
Delta R.T.: 0.000 min
Response: 147615358
Conc: 51.49 ng/ml



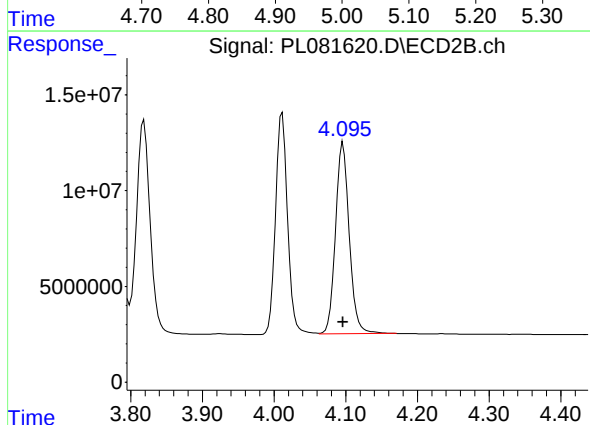
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 146507762
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL032223

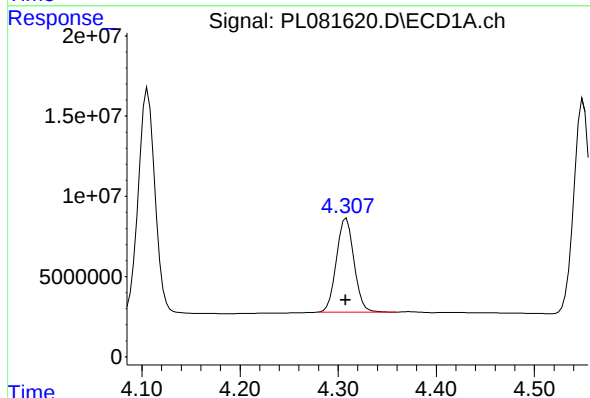
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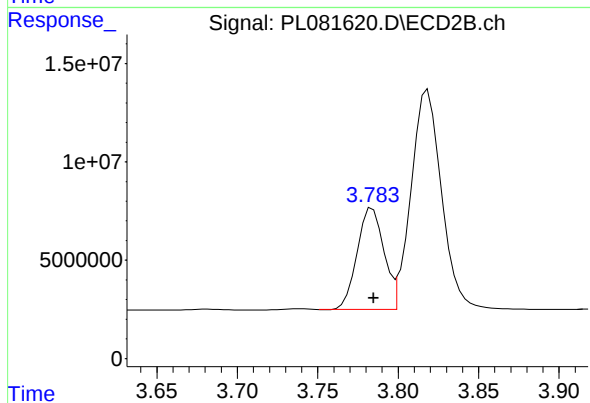
#5 Aldrin

R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 134051013
Conc: 50.31 ng/ml



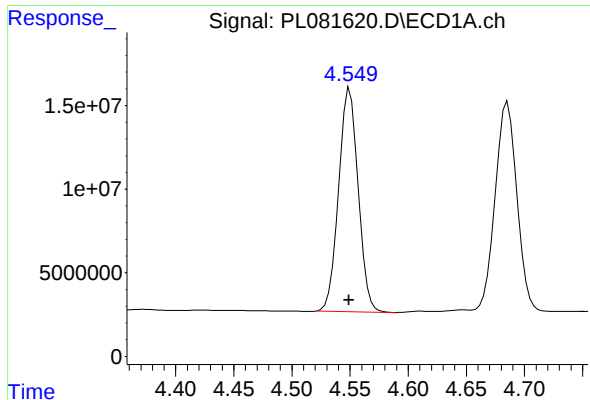
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 73020580
Conc: 47.96 ng/ml



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 59660975
Conc: 50.09 ng/ml



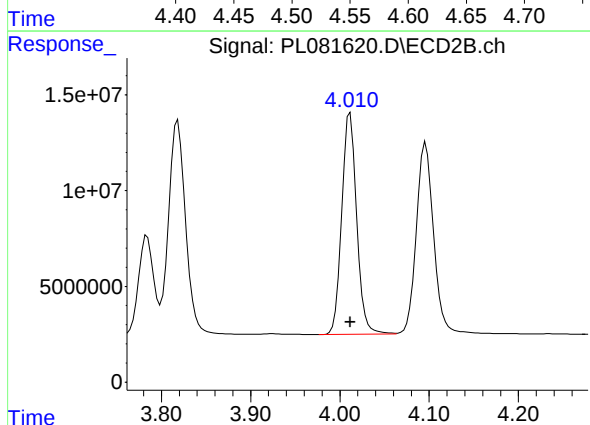
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 156285934
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL032223

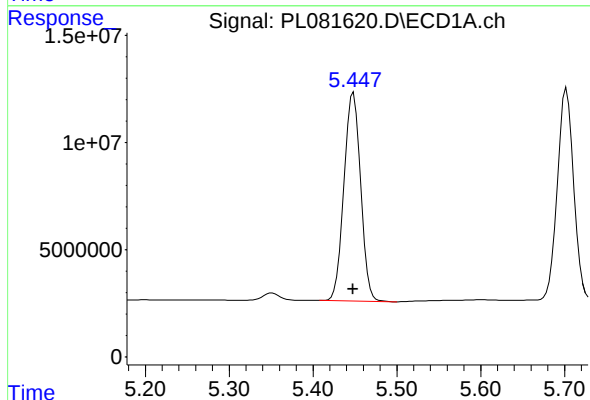
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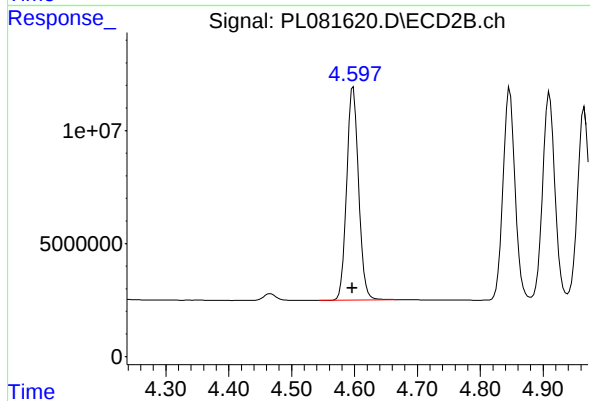
#7 delta-BHC

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 134732245
Conc: 52.10 ng/ml



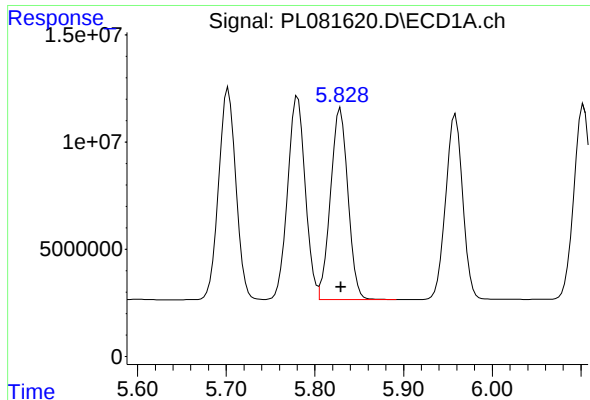
#8 Heptachlor epoxide

R.T.: 5.448 min
Delta R.T.: 0.000 min
Response: 134474215
Conc: 49.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.598 min
Delta R.T.: 0.002 min
Response: 123758943
Conc: 51.04 ng/ml



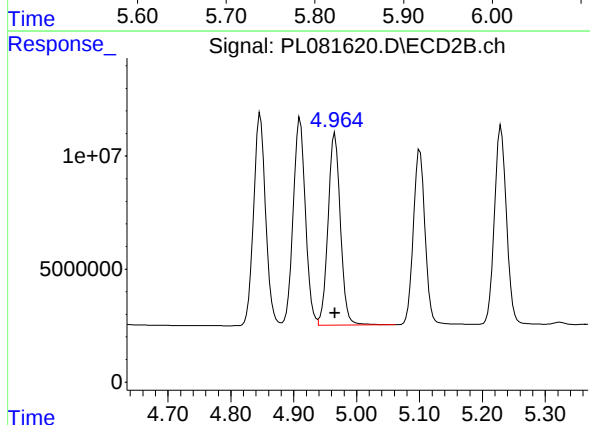
#9 Endosulfan I

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 122140012
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL032223

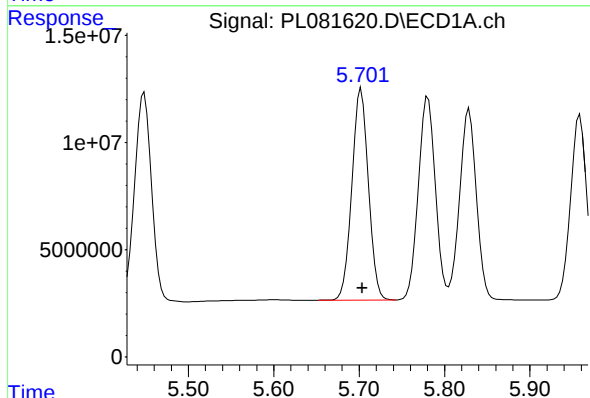
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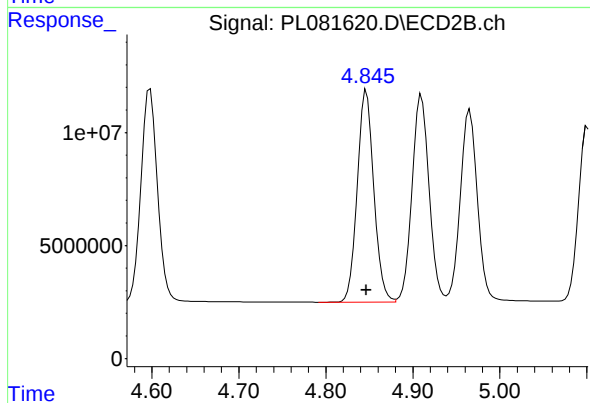
#9 Endosulfan I

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 115610908
Conc: 52.37 ng/ml



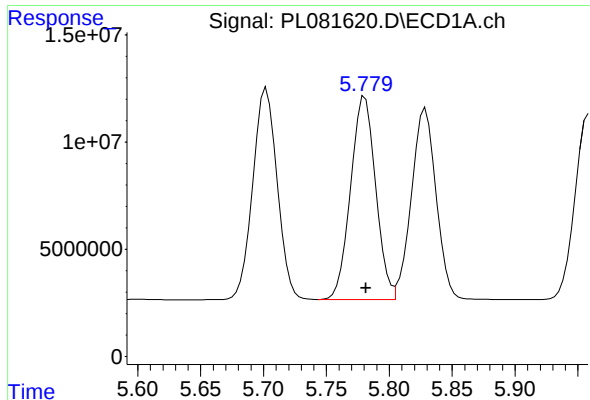
#10 gamma-Chlordane

R.T.: 5.702 min
Delta R.T.: -0.001 min
Response: 133174269
Conc: 50.73 ng/ml



#10 gamma-Chlordane

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 124160662
Conc: 51.09 ng/ml



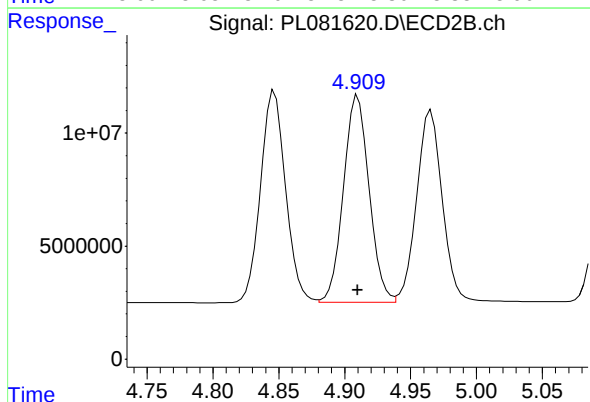
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 131299012
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL032223

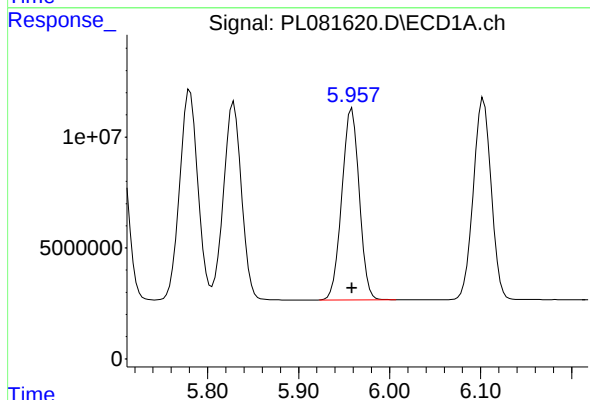
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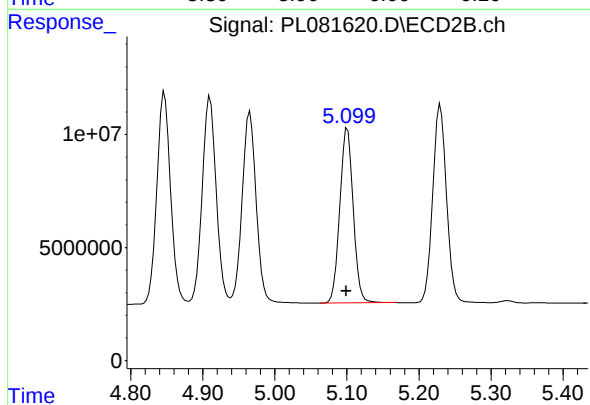
#11 alpha-Chlordane

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 123939758
Conc: 51.03 ng/ml



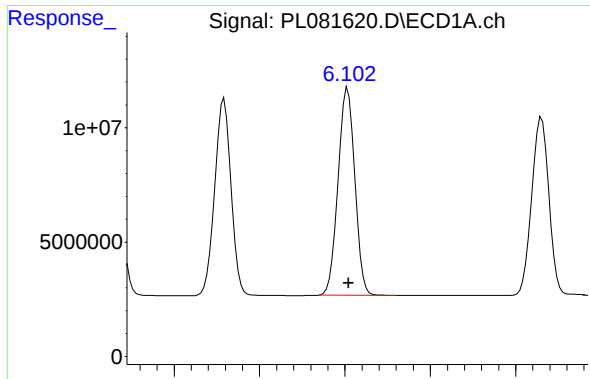
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 115013970
Conc: 51.03 ng/ml



#12 4,4'-DDE

R.T.: 5.101 min
Delta R.T.: 0.002 min
Response: 99479963
Conc: 50.45 ng/ml



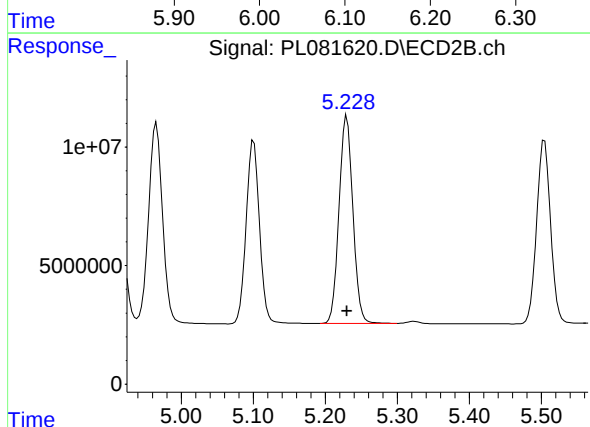
#13 Dieldrin

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 123186534
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL032223

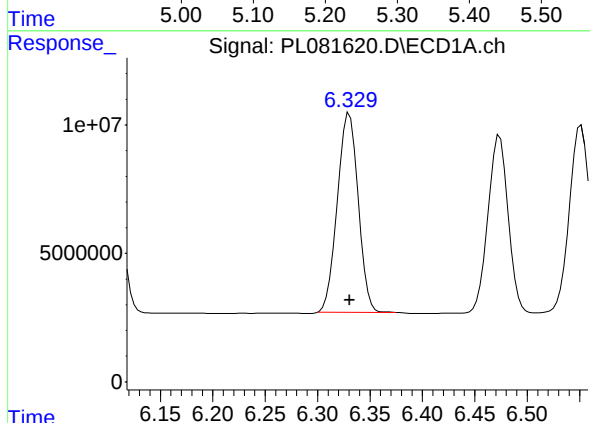
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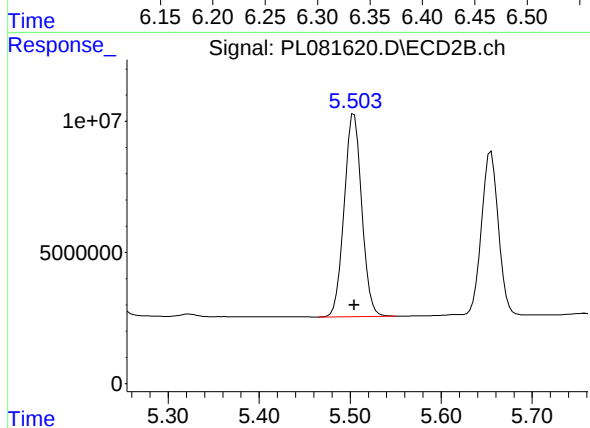
#13 Dieldrin

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 116446394
Conc: 51.77 ng/ml



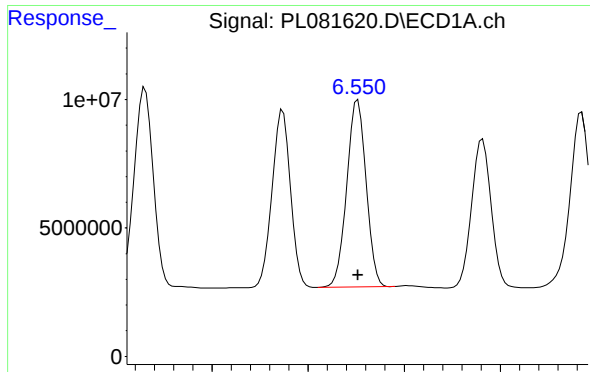
#14 Endrin

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 107389576
Conc: 50.77 ng/ml



#14 Endrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 103989531
Conc: 51.39 ng/ml



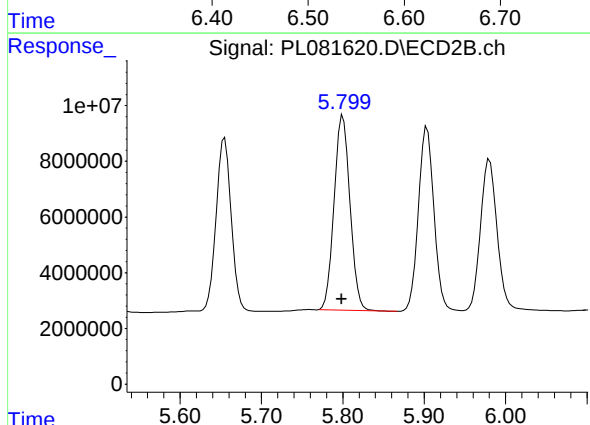
#15 Endosulfan II

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 101558793
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL032223

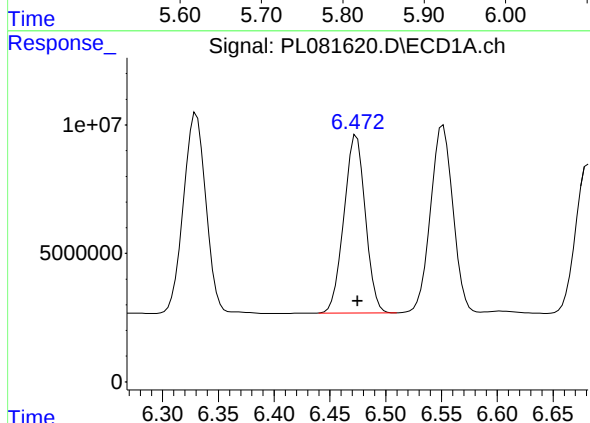
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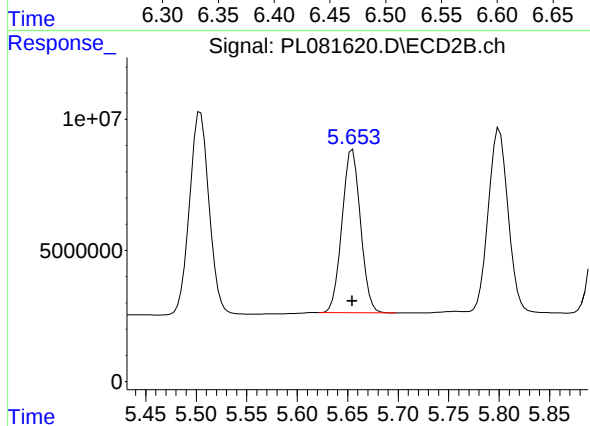
#15 Endosulfan II

R.T.: 5.800 min
Delta R.T.: 0.001 min
Response: 94676520
Conc: 52.22 ng/ml



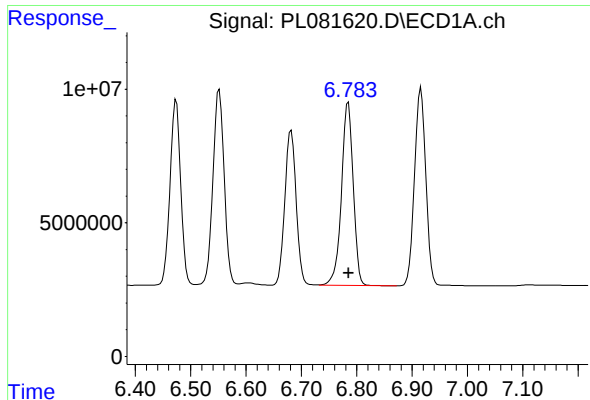
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 92310492
Conc: 51.18 ng/ml



#16 4,4'-DDD

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 79671080
Conc: 52.50 ng/ml



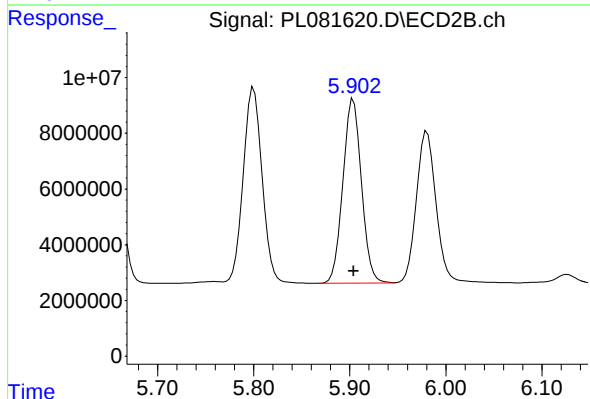
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 101201602
Conc: 49.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL032223

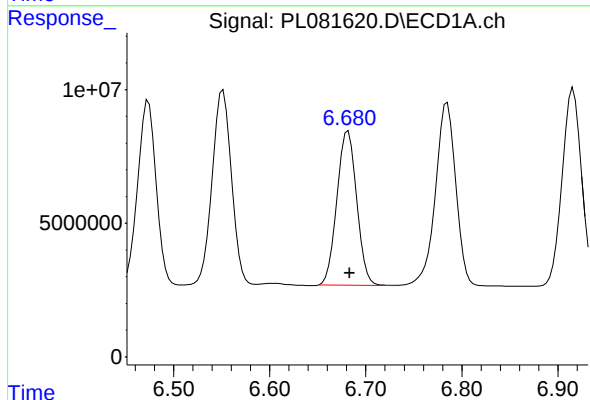
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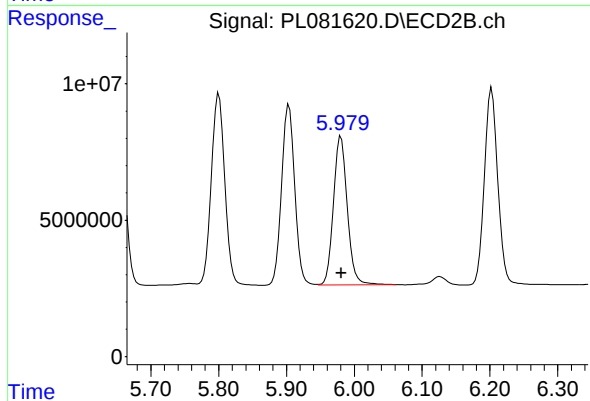
#17 4,4'-DDT

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 88343819
Conc: 51.27 ng/ml



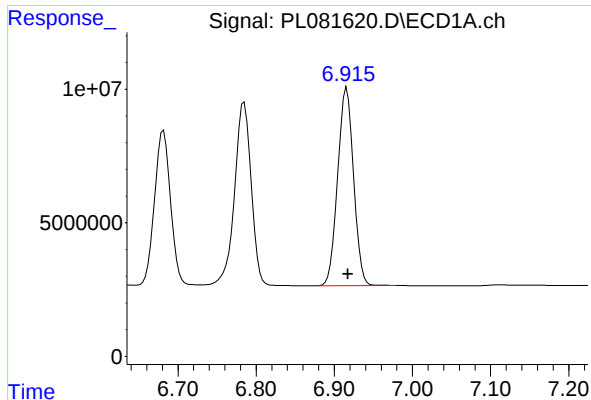
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: -0.001 min
Response: 81678677
Conc: 49.92 ng/ml



#18 Endrin aldehyde

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 77767295
Conc: 50.08 ng/ml



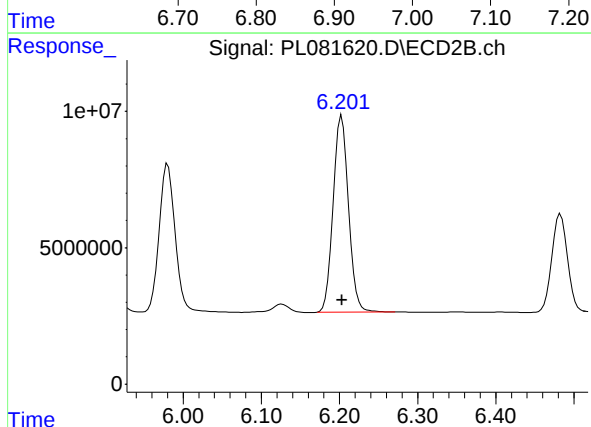
#19 Endosulfan Sulfate

R.T.: 6.916 min
Delta R.T.: -0.001 min
Response: 104861117
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL032223

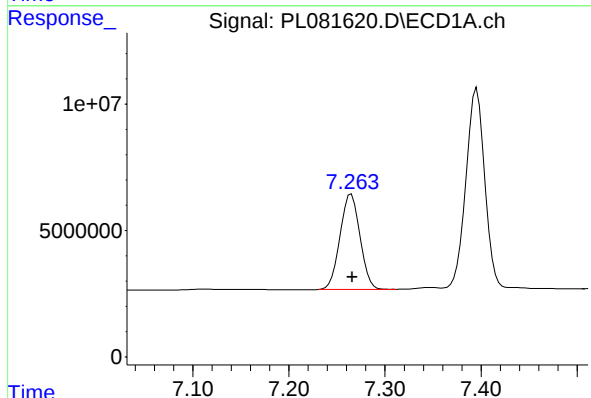
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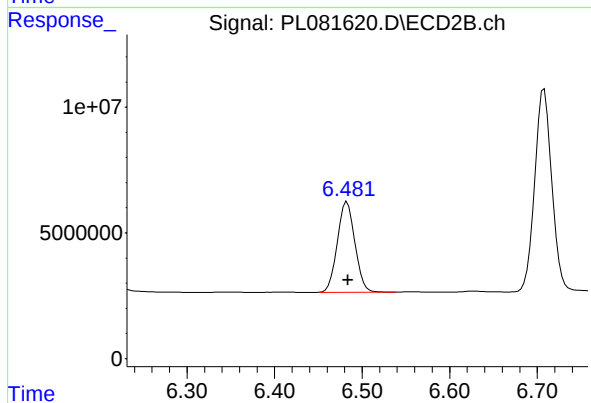
#19 Endosulfan Sulfate

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 98531853
Conc: 50.64 ng/ml



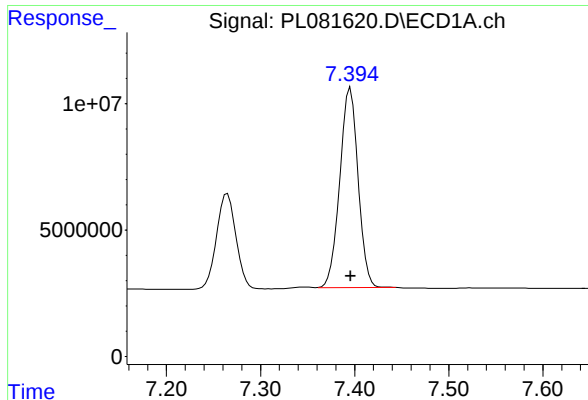
#20 Methoxychlor

R.T.: 7.265 min
Delta R.T.: -0.001 min
Response: 53928776
Conc: 50.08 ng/ml



#20 Methoxychlor

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 50348550
Conc: 50.55 ng/ml



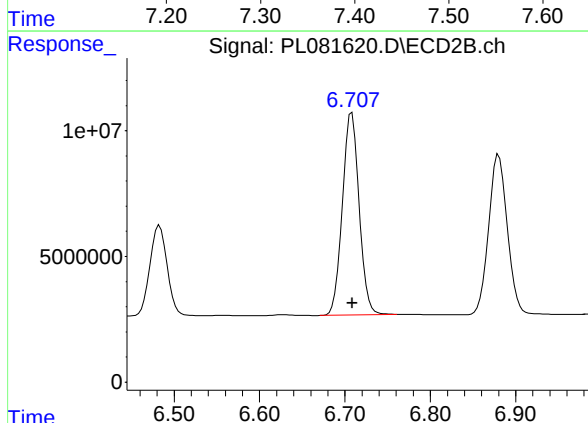
#21 Endrin ketone

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 106822122
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL032223

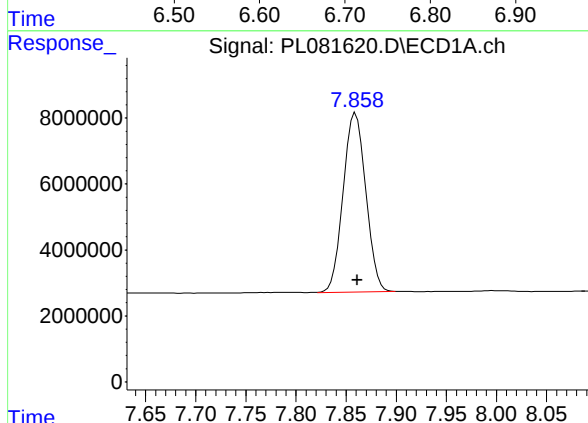
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/23/2023
Supervised By :Ankita Jodhani 03/23/2023



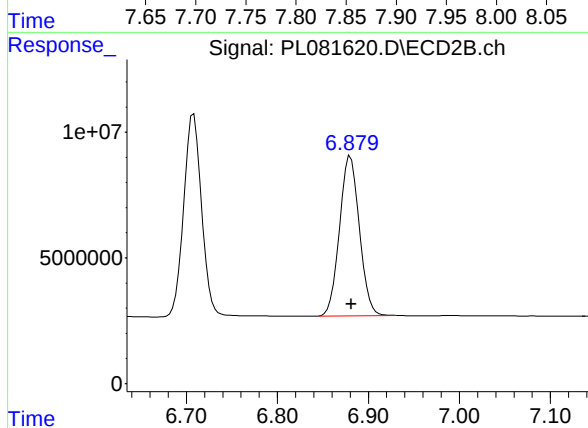
#21 Endrin ketone

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 109642188
Conc: 51.31 ng/ml



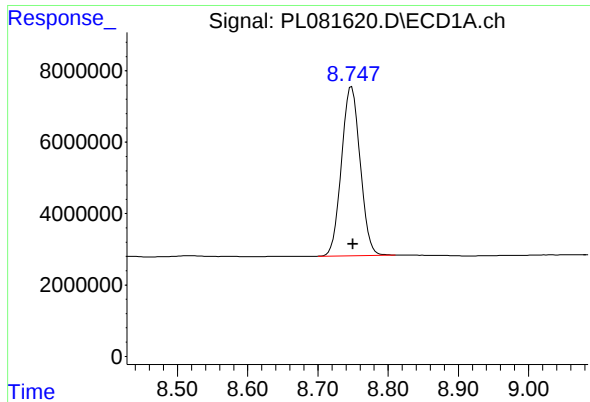
#22 Mirex

R.T.: 7.858 min
Delta R.T.: -0.003 min
Response: 85439970
Conc: 49.74 ng/ml m



#22 Mirex

R.T.: 6.880 min
Delta R.T.: -0.001 min
Response: 96547853
Conc: 50.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.748 min
Delta R.T.: -0.002 min
Response: 87430093
Conc: 48.85 ng/ml

Instrument :

ECD_L

ClientSampleId :

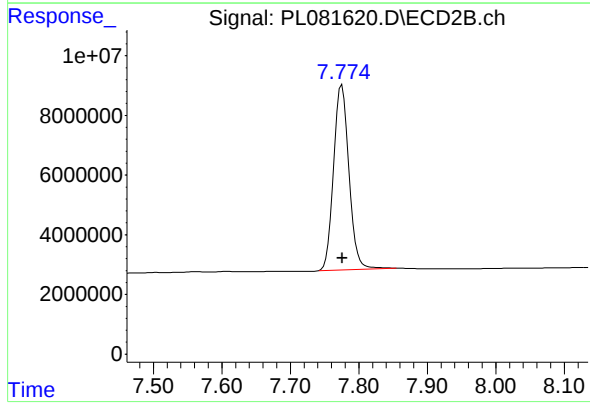
ICVPL032223

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#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 96967163
Conc: 48.89 ng/ml