

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
 Data File : PL082509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2023 15:53
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/06/2023
 Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 21:16:02 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	2.644	138.4E6	119.0E6	51.799	51.359
28)	SA Decachlor...	8.739	7.754	105.2E6	121.5E6	55.113	53.251
Target Compounds							
2)	A alpha-BHC	3.769	3.141	212.9E6	179.1E6	53.488	52.611
3)	MA gamma-BHC...	4.097	3.468	199.2E6	166.7E6	53.274	51.848
4)	MA Heptachlor	4.676	3.800	192.0E6	174.3E6	52.557	50.919
5)	MB Aldrin	5.013	4.075	176.2E6	161.0E6	53.434	51.125m
6)	B beta-BHC	4.301	3.768	85561310	68412582	50.168	50.141
7)	B delta-BHC	4.542	3.994	184.2E6	166.5E6	51.191	54.266
8)	B Heptachlo...	5.439	4.578	163.8E6	150.3E6	53.684	52.183
9)	A Endosulfan I	5.818	4.945	148.6E6	138.7E6	53.605m	51.949
10)	B gamma-Chl...	5.692	4.826	164.4E6	152.7E6	54.660m	52.639
11)	B alpha-Chl...	5.771	4.889	166.3E6	152.2E6	55.707	52.428
12)	B 4,4'-DDE	5.950	5.078	141.0E6	130.1E6	55.458	56.581m
13)	MA Dieldrin	6.094	5.209	150.9E6	142.4E6	54.675	52.720
14)	MA Endrin	6.321	5.483	133.2E6	131.6E6	54.943	53.821
15)	B Endosulfa...	6.543	5.780	123.8E6	121.3E6	50.850	53.812
16)	A 4,4'-DDD	6.465	5.634	113.7E6	105.7E6	56.092	56.492
17)	MA 4,4'-DDT	6.777	5.883	126.7E6	118.9E6	55.396	56.261
18)	B Endrin al...	6.674	5.960	102.0E6	98284069	54.143	52.520
19)	B Endosulfa...	6.907	6.182	127.2E6	125.7E6	53.615	53.402
20)	A Methoxychlor	7.257	6.460	66410039	65794581	54.420	54.293m
21)	B Endrin ke...	7.387	6.686	131.5E6	137.0E6	54.930	53.963m
22)	Mirex	7.851	6.857	103.1E6	119.2E6	52.721	51.738m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
Data File : PL082509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 May 2023 15:53
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

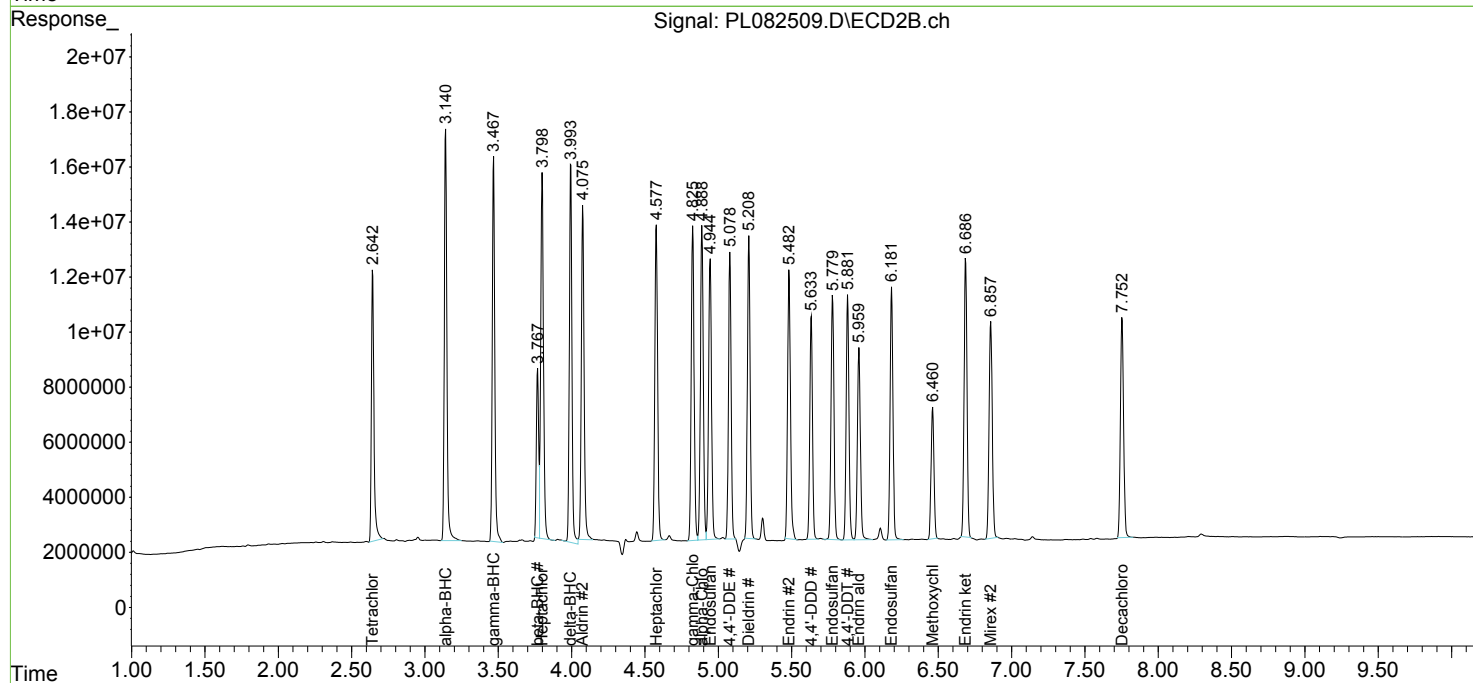
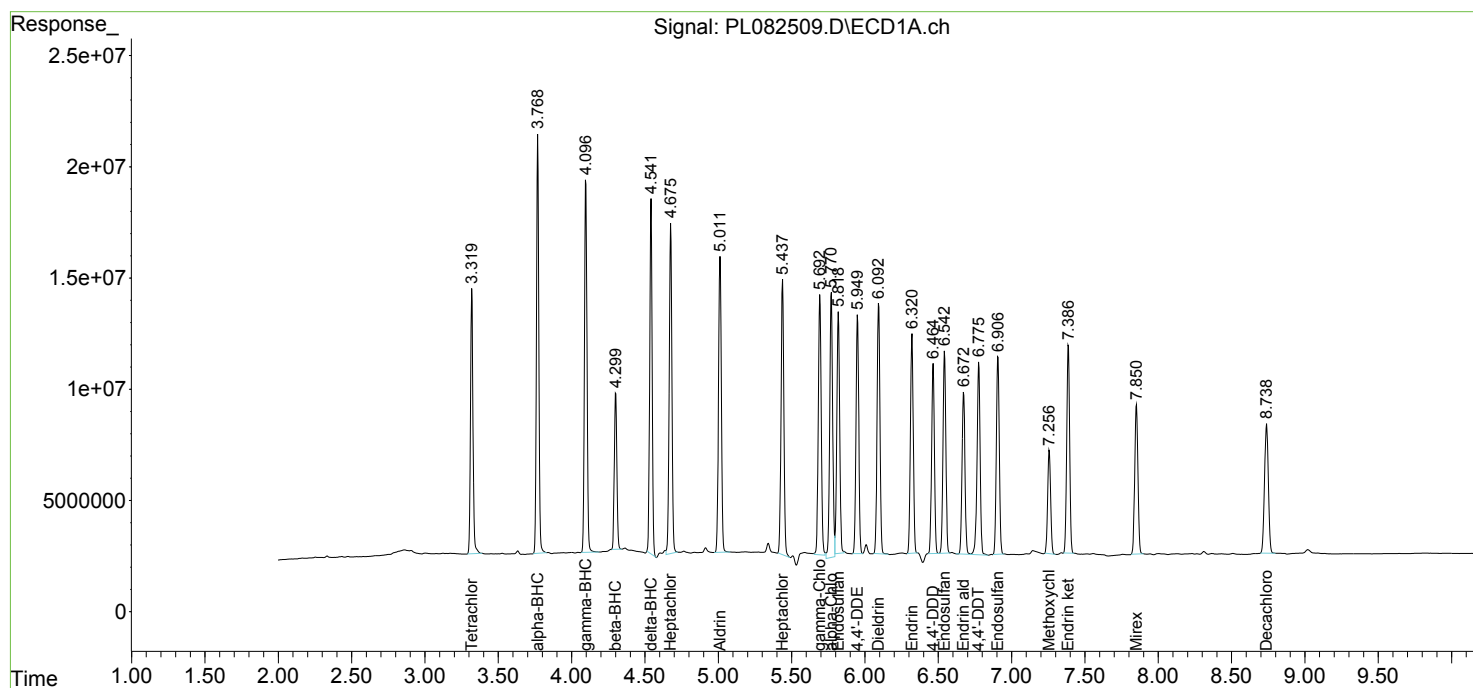
APPROVED

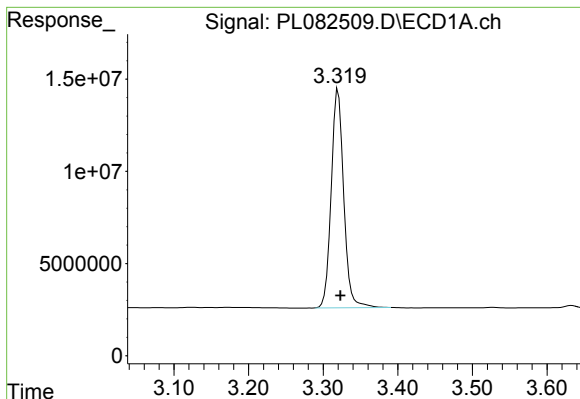
Reviewed By :Abdul Mirza 05/06/2023

Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 21:16:02 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





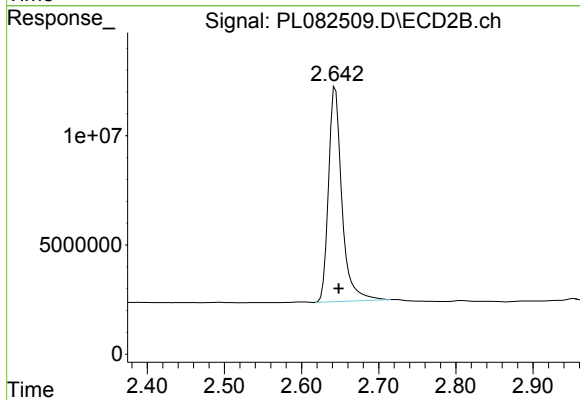
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 138366616
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

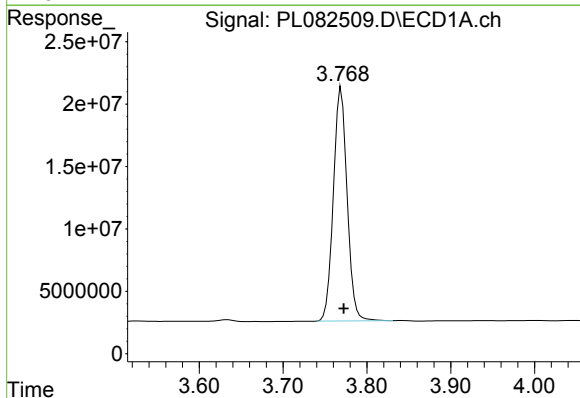
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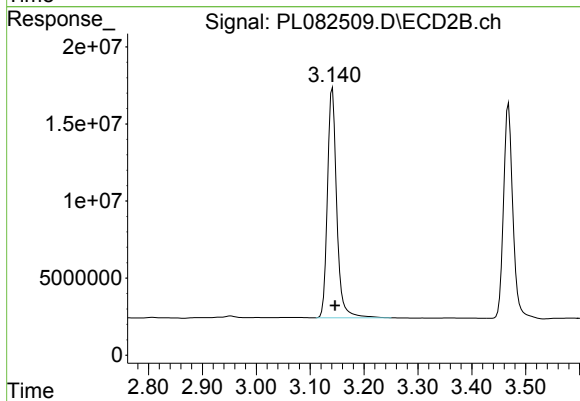
#1 Tetrachloro-m-xylene

R.T.: 2.644 min
Delta R.T.: -0.004 min
Response: 118984651
Conc: 51.36 ng/ml



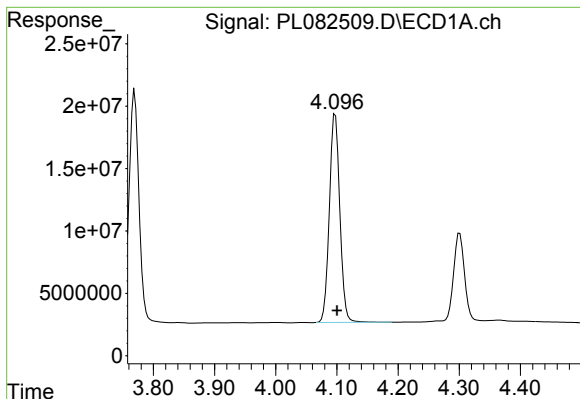
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 212893782
Conc: 53.49 ng/ml



#2 alpha-BHC

R.T.: 3.141 min
Delta R.T.: -0.005 min
Response: 179061255
Conc: 52.61 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.003 min
Response: 199187338
Conc: 53.27 ng/ml

Instrument :

ECD_L

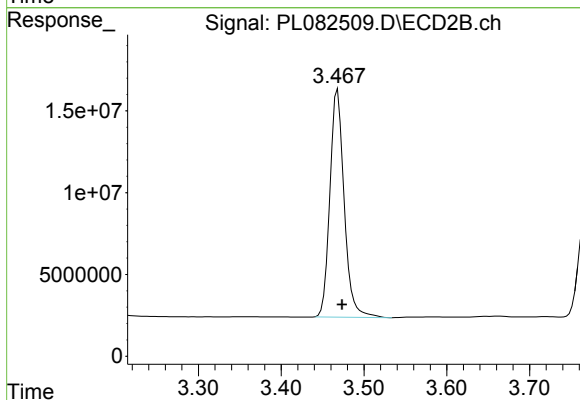
ClientSampleId :

PSTDCCC050

Manual Integrations

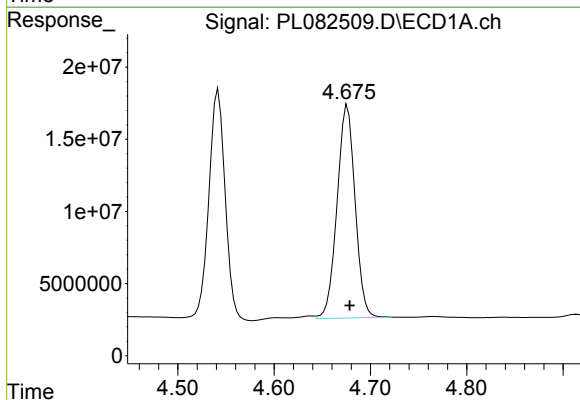
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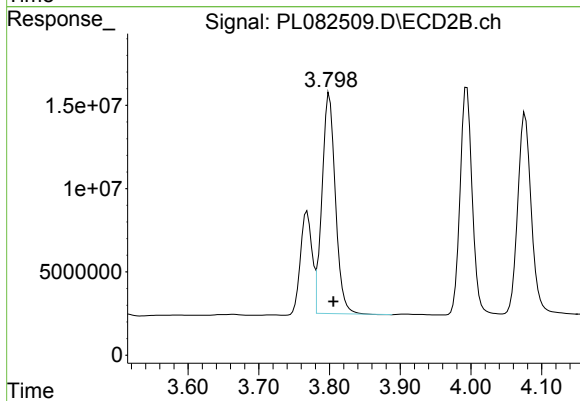
#3 gamma-BHC (Lindane)

R.T.: 3.468 min
Delta R.T.: -0.005 min
Response: 166704759
Conc: 51.85 ng/ml



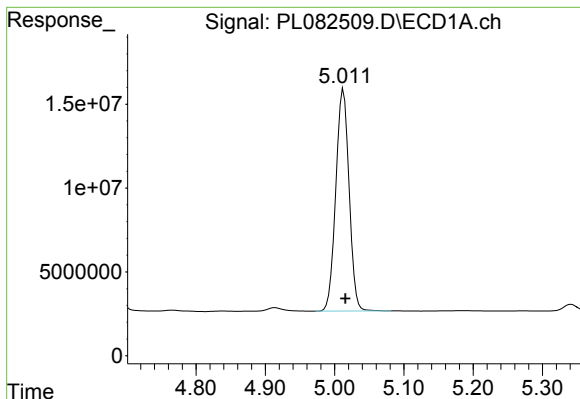
#4 Heptachlor

R.T.: 4.676 min
Delta R.T.: -0.002 min
Response: 192039129
Conc: 52.56 ng/ml



#4 Heptachlor

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 174309129
Conc: 50.92 ng/ml



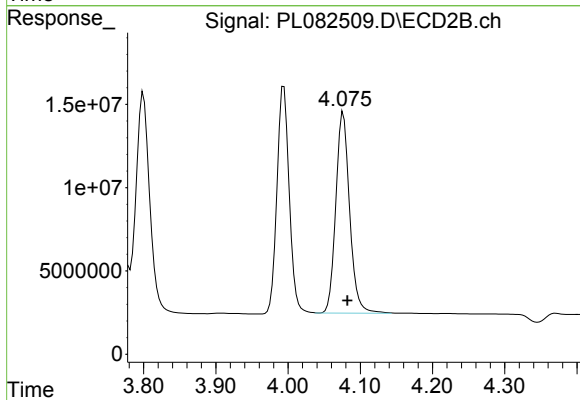
#5 Aldrin

R.T.: 5.013 min
Delta R.T.: -0.003 min
Response: 176203735
Conc: 53.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

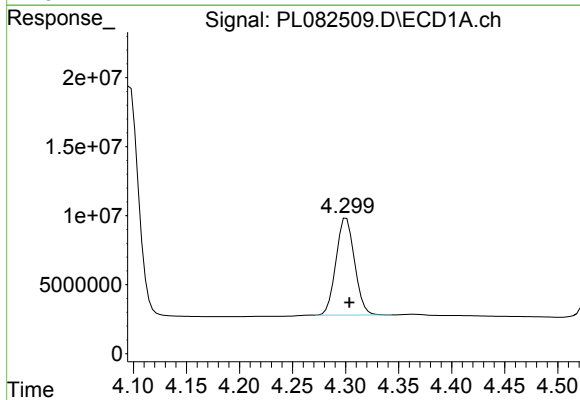
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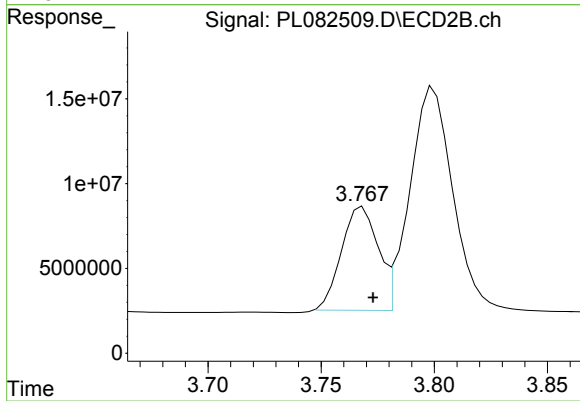
#5 Aldrin

R.T.: 4.075 min
Delta R.T.: -0.007 min
Response: 161038080
Conc: 51.13 ng/ml m



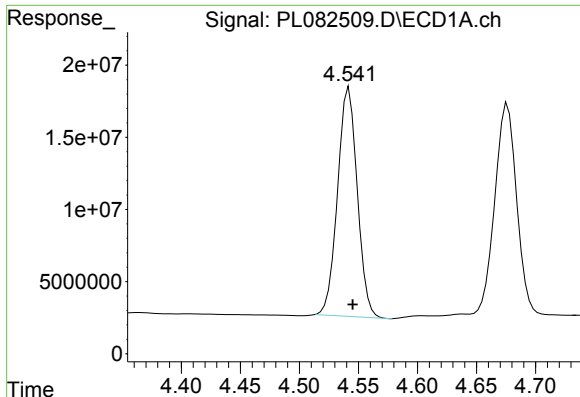
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 85561310
Conc: 50.17 ng/ml



#6 beta-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 68412582
Conc: 50.14 ng/ml



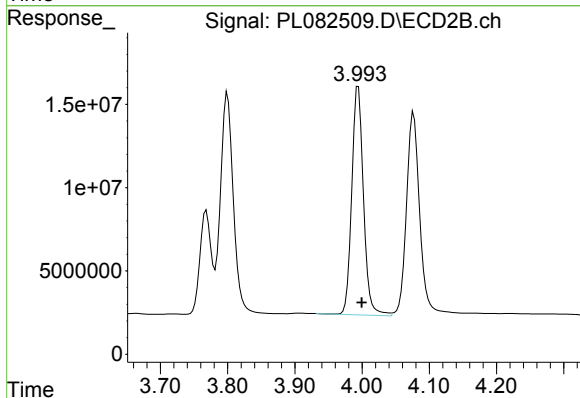
#7 delta-BHC

R.T.: 4.542 min
Delta R.T.: -0.003 min
Response: 184175116
Conc: 51.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

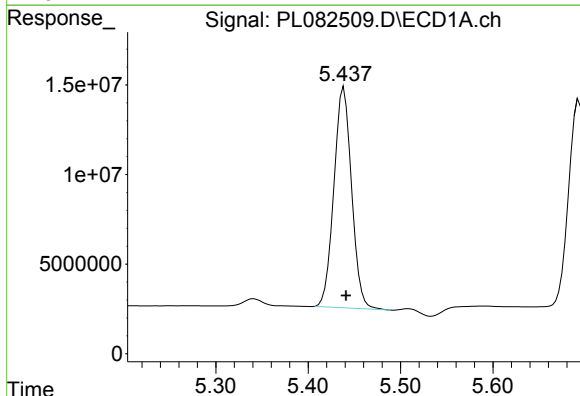
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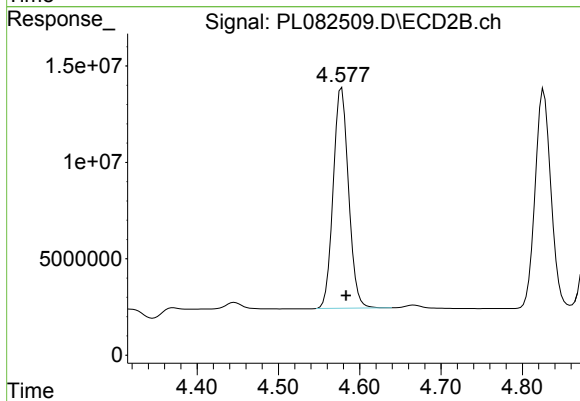
#7 delta-BHC

R.T.: 3.994 min
Delta R.T.: -0.005 min
Response: 166456123
Conc: 54.27 ng/ml



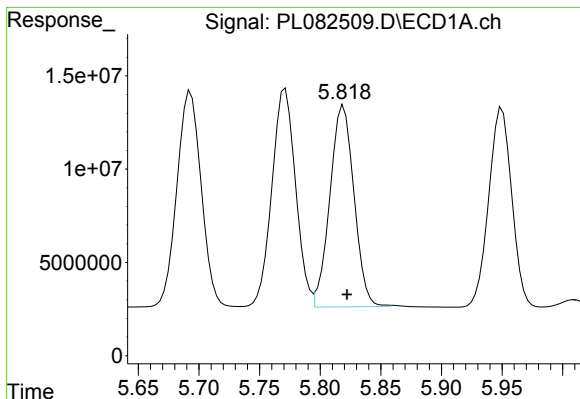
#8 Heptachlor epoxide

R.T.: 5.439 min
Delta R.T.: -0.003 min
Response: 163753724
Conc: 53.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.578 min
Delta R.T.: -0.005 min
Response: 150334039
Conc: 52.18 ng/ml



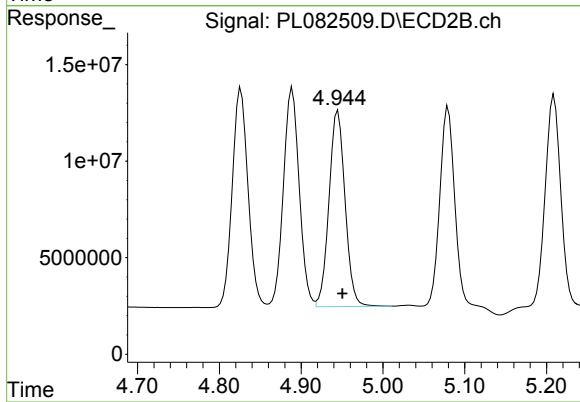
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 148631177
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

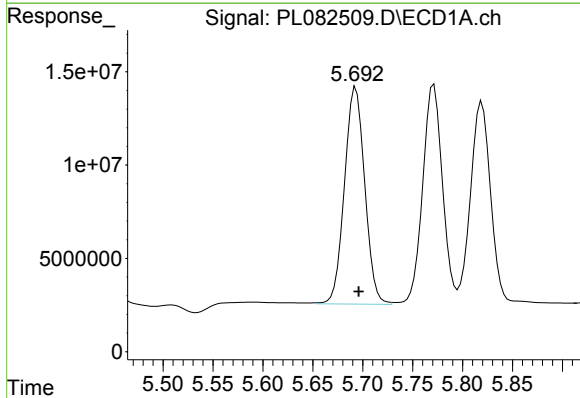
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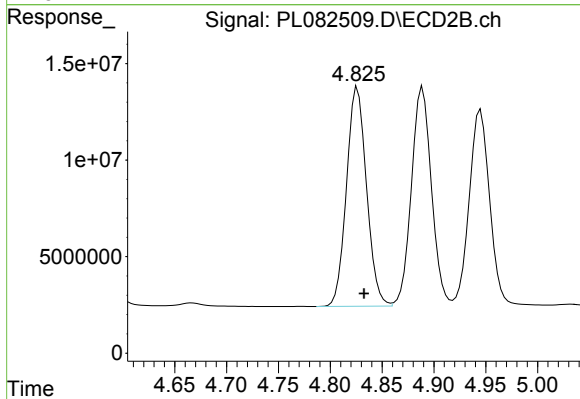
#9 Endosulfan I

R.T.: 4.945 min
Delta R.T.: -0.005 min
Response: 138674859
Conc: 51.95 ng/ml



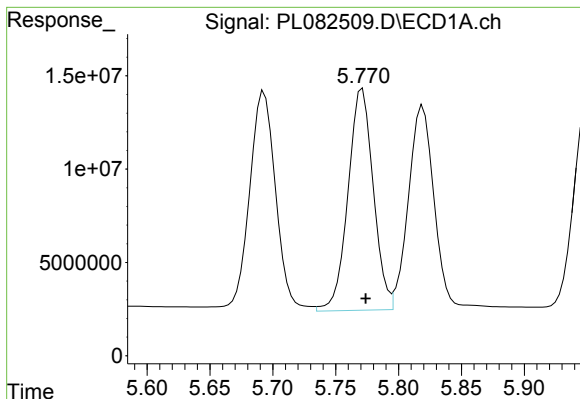
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 164354692
Conc: 54.66 ng/ml m



#10 gamma-Chlordane

R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 152749907
Conc: 52.64 ng/ml



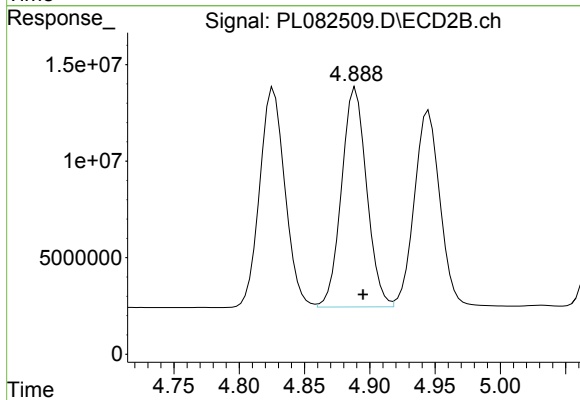
#11 alpha-Chlordane

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 166264849
Conc: 55.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

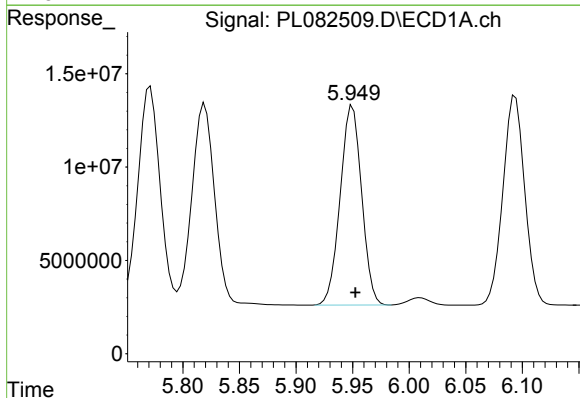
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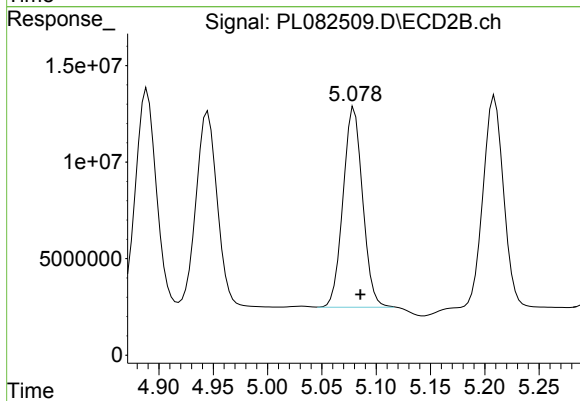
#11 alpha-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 152190405
Conc: 52.43 ng/ml



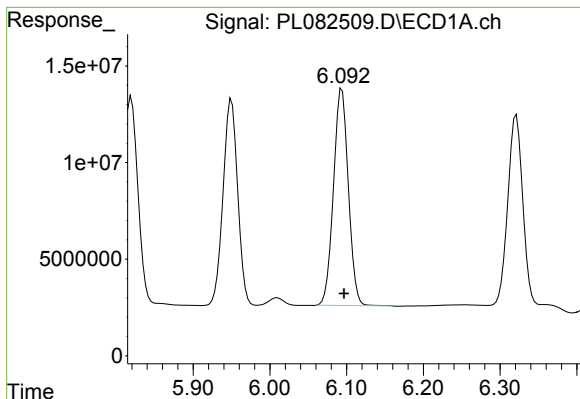
#12 4,4'-DDE

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 140976186
Conc: 55.46 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.007 min
Response: 130077475
Conc: 56.58 ng/ml m



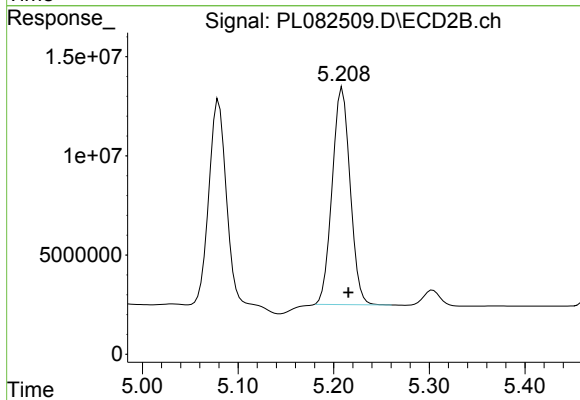
#13 Dieldrin

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 150854727
Conc: 54.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

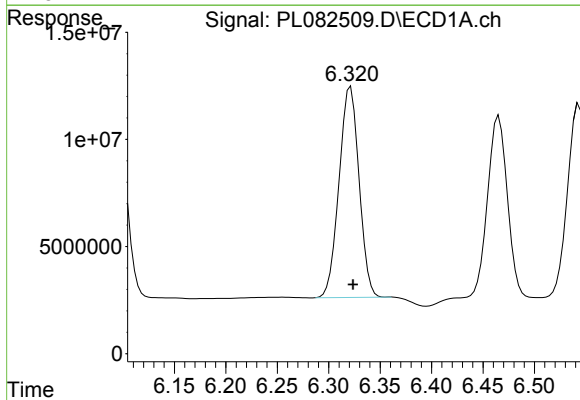
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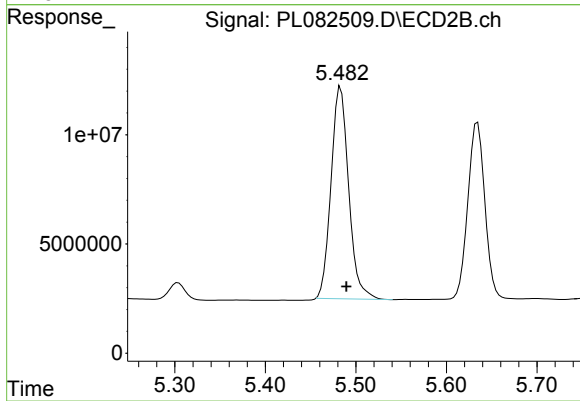
#13 Dieldrin

R.T.: 5.209 min
Delta R.T.: -0.006 min
Response: 142364827
Conc: 52.72 ng/ml



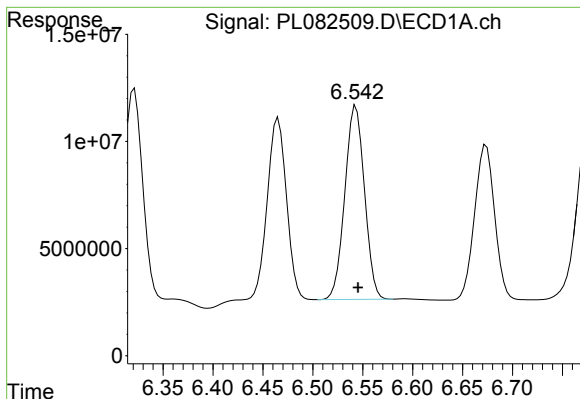
#14 Endrin

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 133212158
Conc: 54.94 ng/ml



#14 Endrin

R.T.: 5.483 min
Delta R.T.: -0.006 min
Response: 131643629
Conc: 53.82 ng/ml



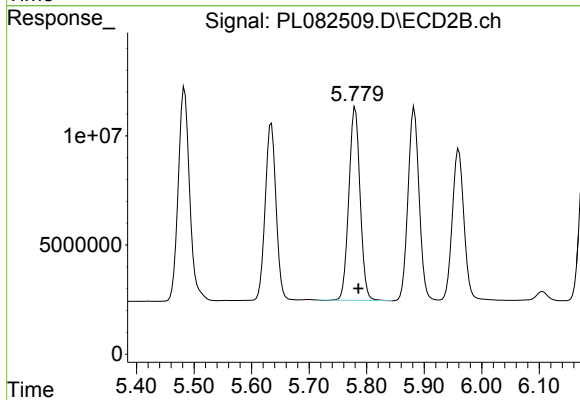
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 123798204
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

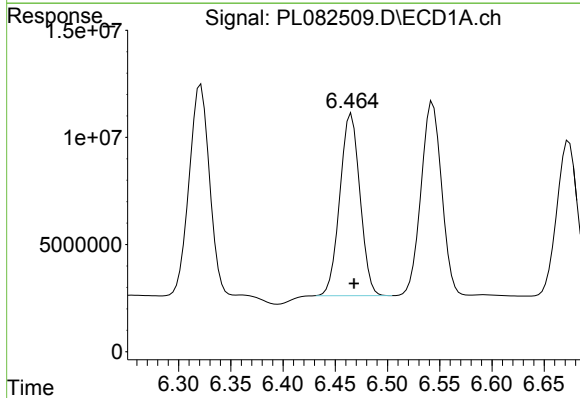
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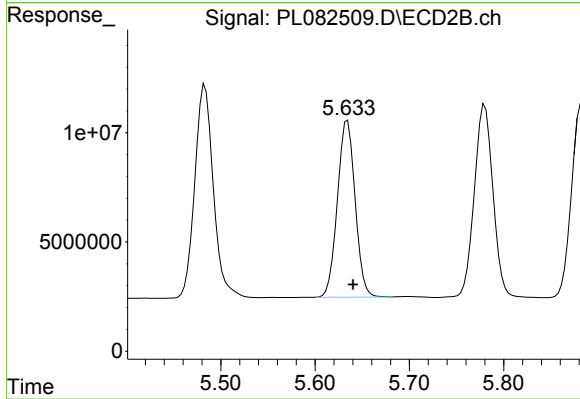
#15 Endosulfan II

R.T.: 5.780 min
Delta R.T.: -0.006 min
Response: 121298377
Conc: 53.81 ng/ml



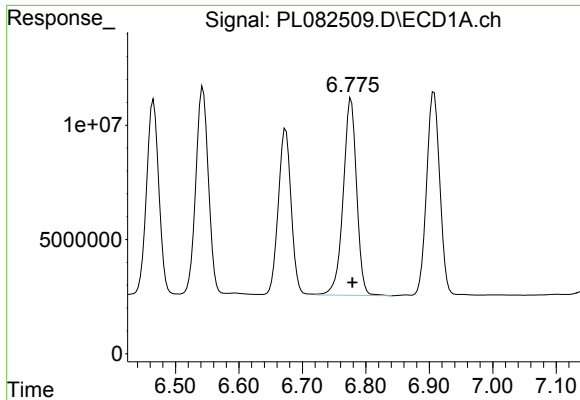
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 113709486
Conc: 56.09 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.006 min
Response: 105662856
Conc: 56.49 ng/ml



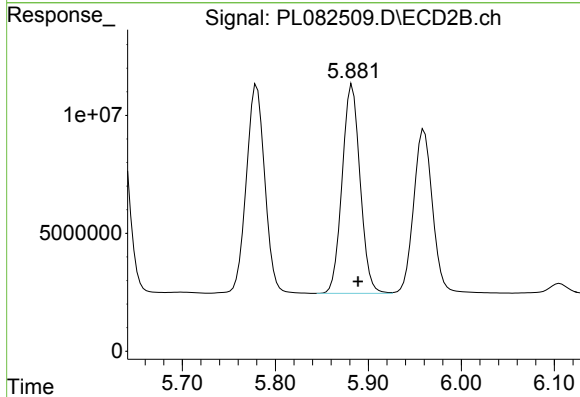
#17 4,4'-DDT

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 126730200
Conc: 55.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

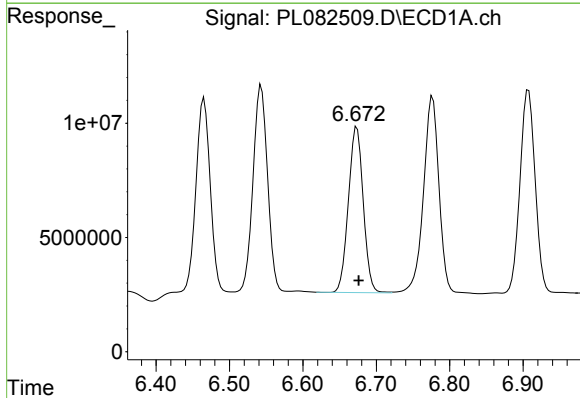
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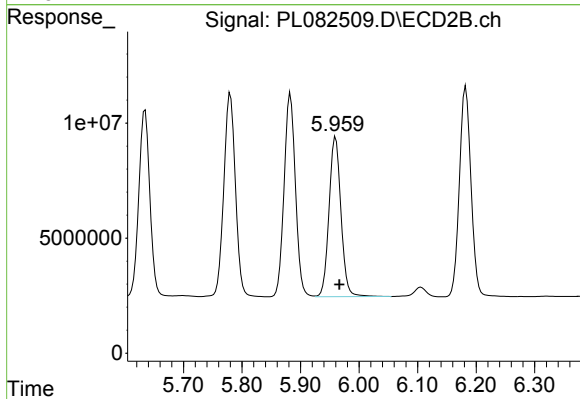
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: -0.006 min
Response: 118857338
Conc: 56.26 ng/ml



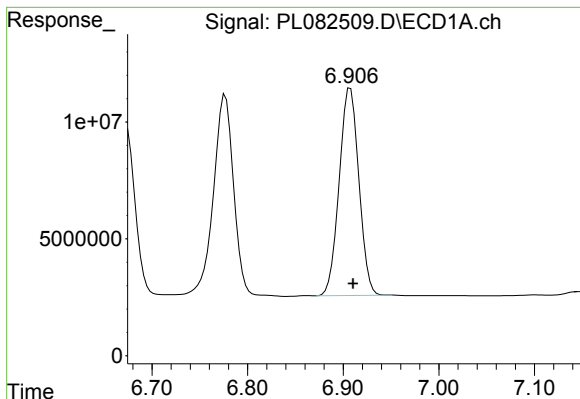
#18 Endrin aldehyde

R.T.: 6.674 min
Delta R.T.: -0.003 min
Response: 102015341
Conc: 54.14 ng/ml



#18 Endrin aldehyde

R.T.: 5.960 min
Delta R.T.: -0.006 min
Response: 98284069
Conc: 52.52 ng/ml



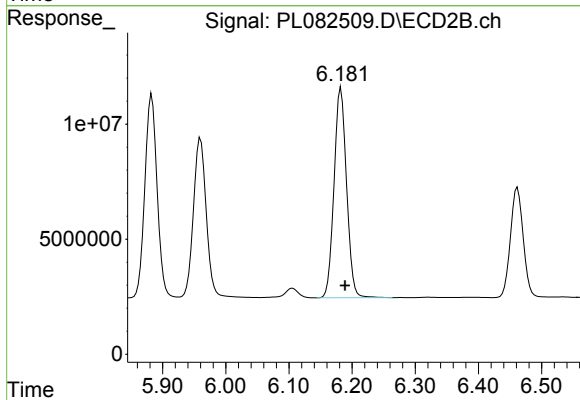
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 127150954
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

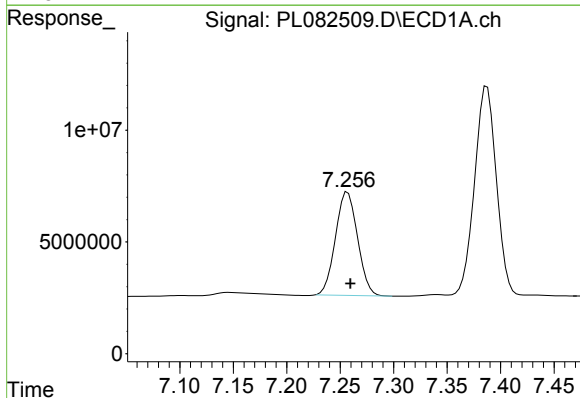
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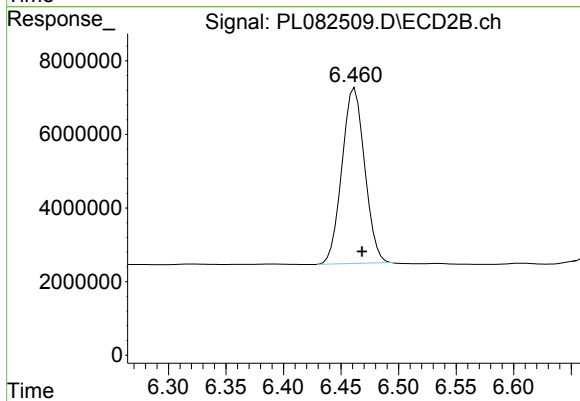
#19 Endosulfan Sulfate

R.T.: 6.182 min
Delta R.T.: -0.006 min
Response: 125723999
Conc: 53.40 ng/ml



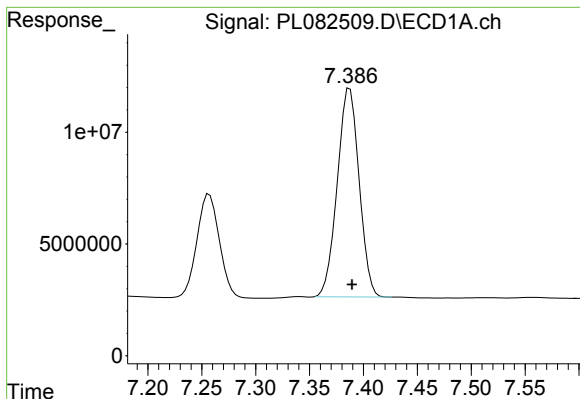
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 66410039
Conc: 54.42 ng/ml



#20 Methoxychlor

R.T.: 6.460 min
Delta R.T.: -0.008 min
Response: 65794581
Conc: 54.29 ng/ml m



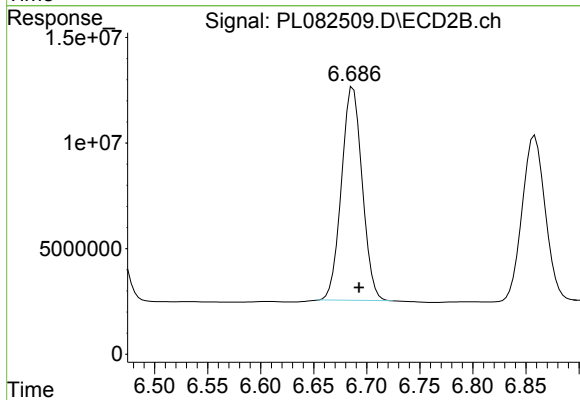
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 131525408
Conc: 54.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

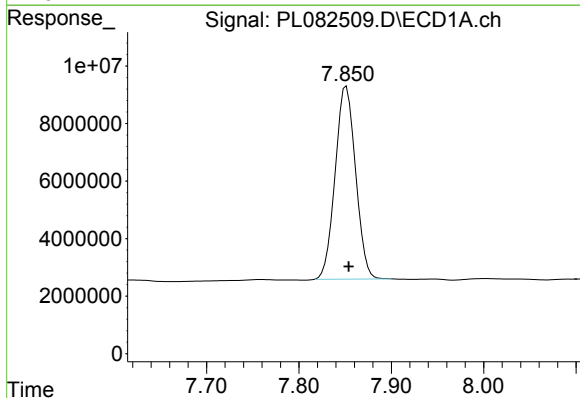
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2023
Supervised By :Ankita Jodhani 05/08/2023



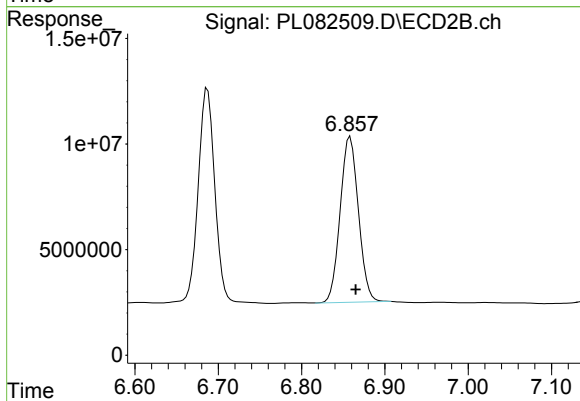
#21 Endrin ketone

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 136968762
Conc: 53.96 ng/ml m



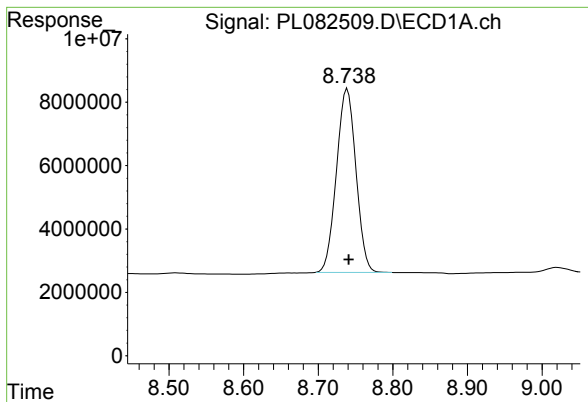
#22 Mirex

R.T.: 7.851 min
Delta R.T.: -0.002 min
Response: 103138296
Conc: 52.72 ng/ml



#22 Mirex

R.T.: 6.857 min
Delta R.T.: -0.008 min
Response: 119217281
Conc: 51.74 ng/ml m



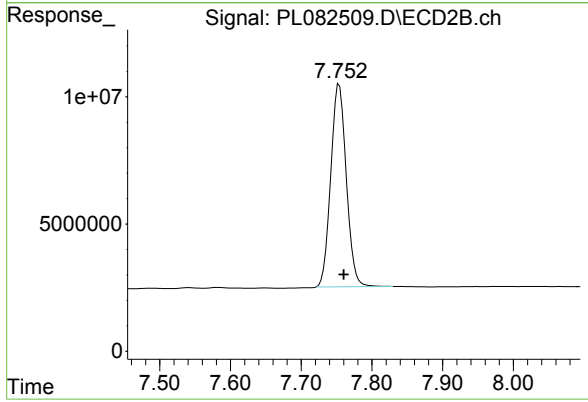
#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 105214773
Conc: 55.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.754 min
Delta R.T.: -0.006 min
Response: 121546063
Conc: 53.25 ng/ml