

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
 Data File : PL082487.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2023 10:39
 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 13:08:23 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	2.644	137.5E6	116.8E6	51.471	50.401
28)	SA Decachlor...	8.741	7.755	107.4E6	124.5E6	56.267	54.565
Target Compounds							
2)	A alpha-BHC	3.770	3.141	209.1E6	176.5E6	52.534	51.861
3)	MA gamma-BHC...	4.098	3.468	197.4E6	155.8E6	52.788	48.465
4)	MA Heptachlor	4.675	3.800	182.0E6	173.1E6	49.813m	50.559
5)	MB Aldrin	5.014	4.075	170.6E6	158.1E6	51.749	50.183m
6)	B beta-BHC	4.302	3.768	84577904	67189034	49.591	49.244
7)	B delta-BHC	4.542	3.993	159.0E6	158.4E6	44.200m	51.648m
8)	B Heptachlo...	5.440	4.578	157.3E6	145.2E6	51.567	50.387
9)	A Endosulfan I	5.821	4.945	154.4E6	135.5E6	55.668	50.744
10)	B gamma-Chl...	5.694	4.827	153.4E6	148.0E6	51.030m	51.014
11)	B alpha-Chl...	5.771	4.890	154.0E6	147.8E6	51.584m	50.910
12)	B 4,4'-DDE	5.951	5.079	136.8E6	124.6E6	53.798	54.206m
13)	MA Dieldrin	6.095	5.208	146.8E6	140.7E6	53.222	52.088m
14)	MA Endrin	6.323	5.485	131.2E6	127.3E6	54.105	52.051
15)	B Endosulfa...	6.545	5.781	123.3E6	119.6E6	50.658	53.076
16)	A 4,4'-DDD	6.467	5.636	110.5E6	100.7E6	54.499	53.842
17)	MA 4,4'-DDT	6.778	5.884	125.7E6	118.0E6	54.964	55.837
18)	B Endrin al...	6.675	5.961	100.2E6	97893485	53.202	52.311
19)	B Endosulfa...	6.909	6.184	126.5E6	124.7E6	53.348	52.988
20)	A Methoxychlor	7.259	6.462	67322135	65422634	55.167	53.986m
21)	B Endrin ke...	7.389	6.687	130.6E6	148.2E6	54.539	58.386m
22)	Mirex	7.854	6.860	102.5E6	118.2E6	52.407	51.310

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

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Data File : PL082487.D
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Acq On : 04 May 2023 10:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

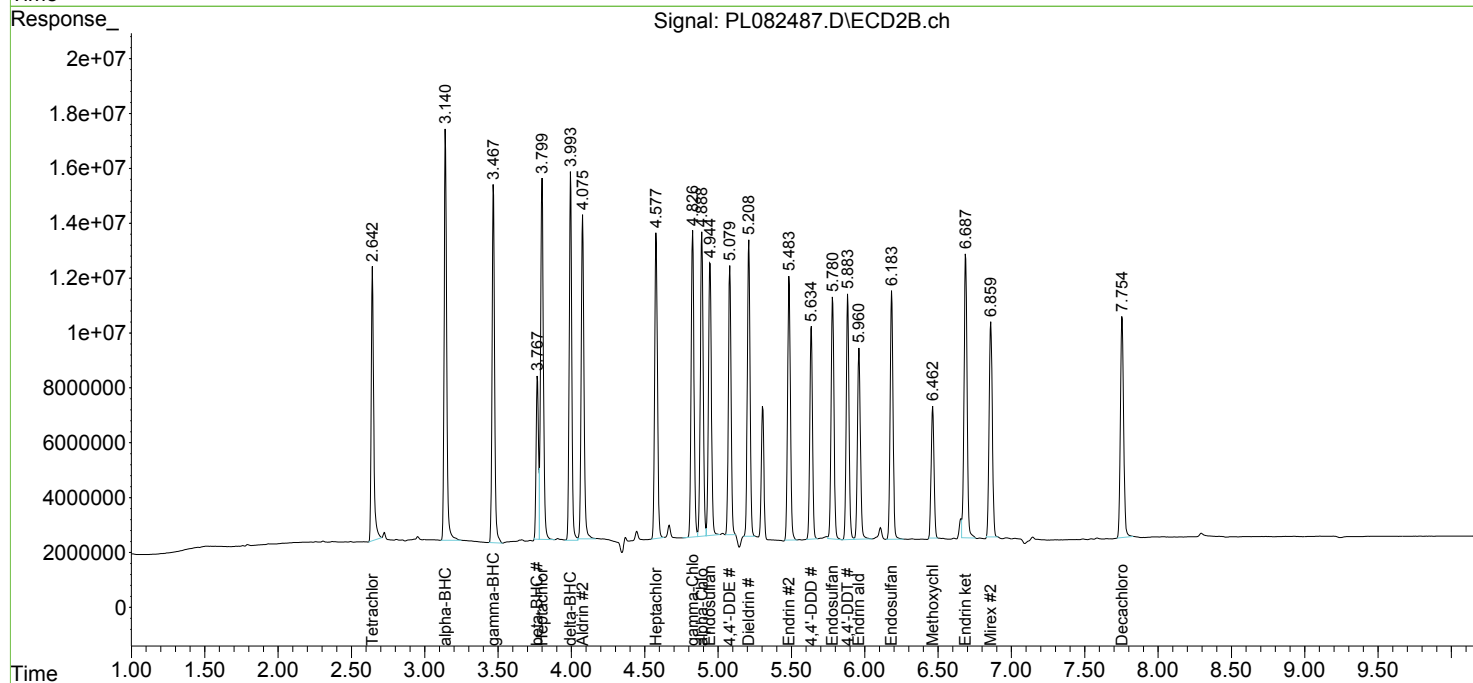
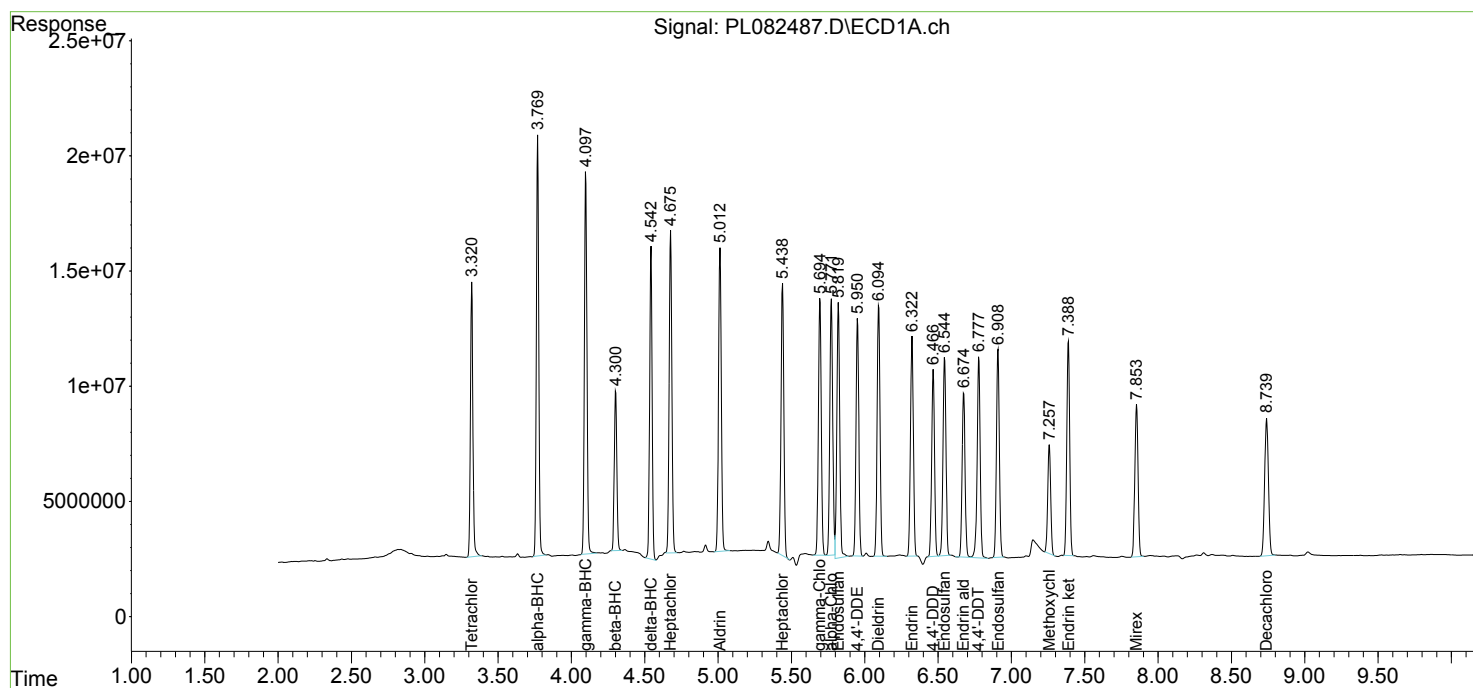
APPROVED

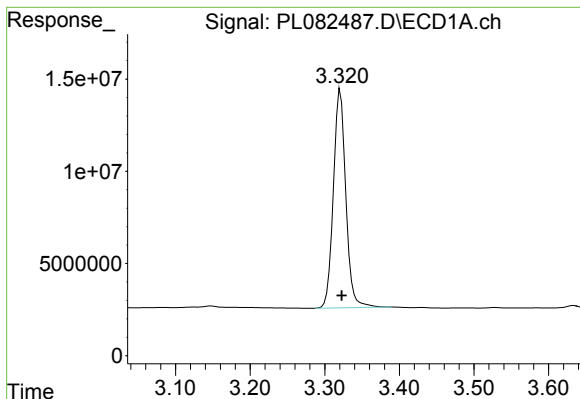
Reviewed By :Abdul Mirza 05/06/2023

Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 13:08:23 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
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





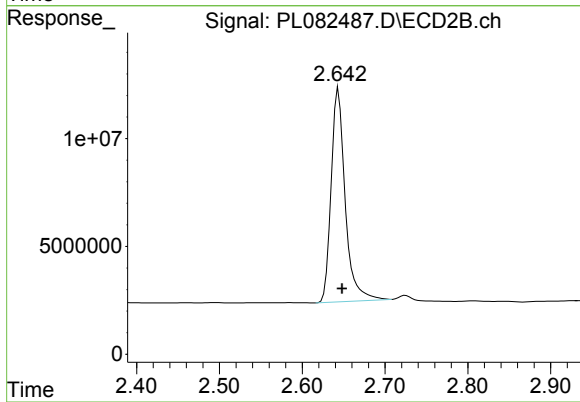
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 137488823
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

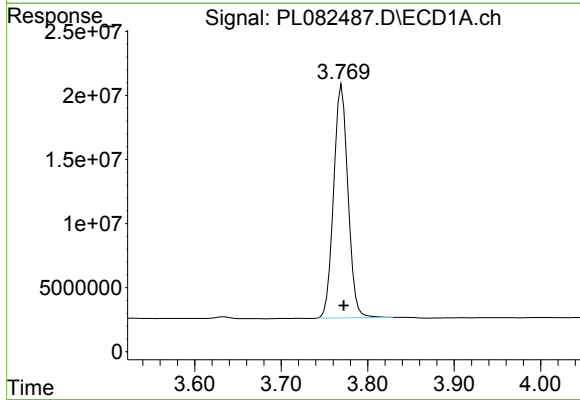
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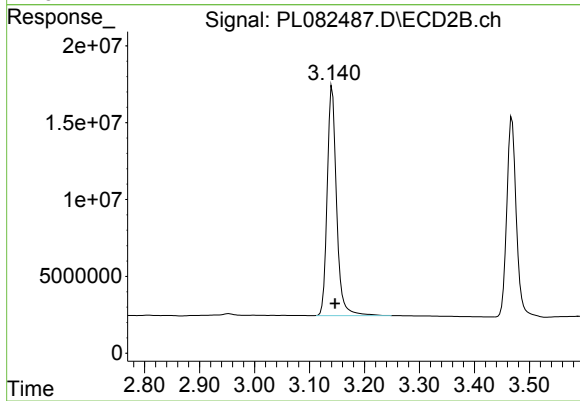
#1 Tetrachloro-m-xylene

R.T.: 2.644 min
Delta R.T.: -0.004 min
Response: 116765243
Conc: 50.40 ng/ml



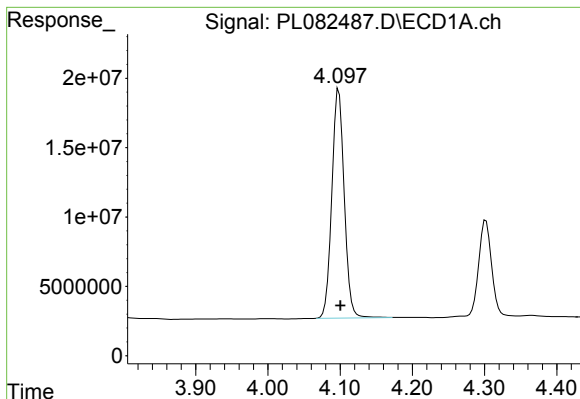
#2 alpha-BHC

R.T.: 3.770 min
Delta R.T.: -0.002 min
Response: 209097758
Conc: 52.53 ng/ml



#2 alpha-BHC

R.T.: 3.141 min
Delta R.T.: -0.005 min
Response: 176505988
Conc: 51.86 ng/ml



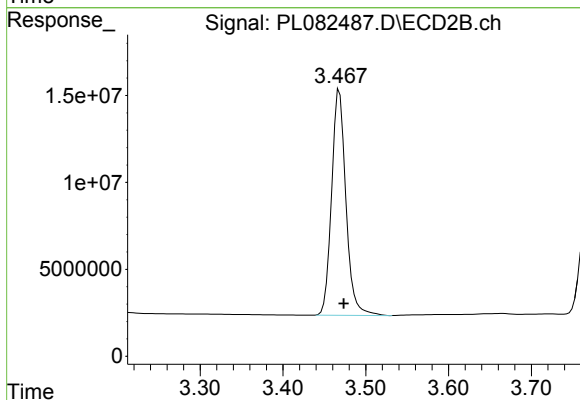
#3 gamma-BHC (Lindane)

R.T.: 4.098 min
Delta R.T.: -0.002 min
Response: 197370309
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

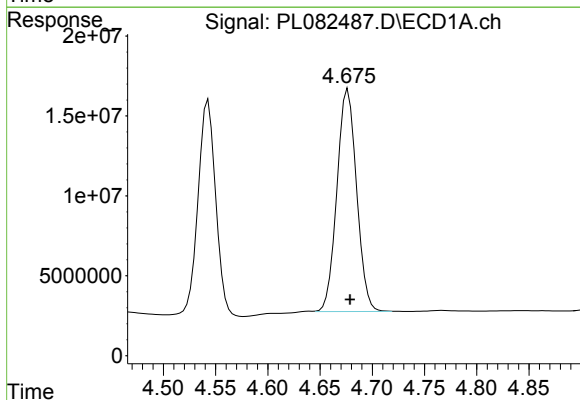
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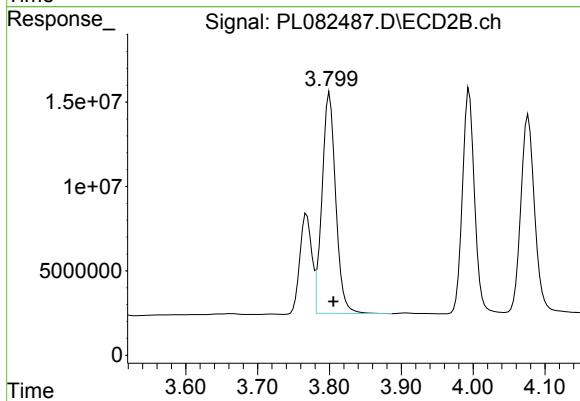
#3 gamma-BHC (Lindane)

R.T.: 3.468 min
Delta R.T.: -0.005 min
Response: 155827451
Conc: 48.46 ng/ml



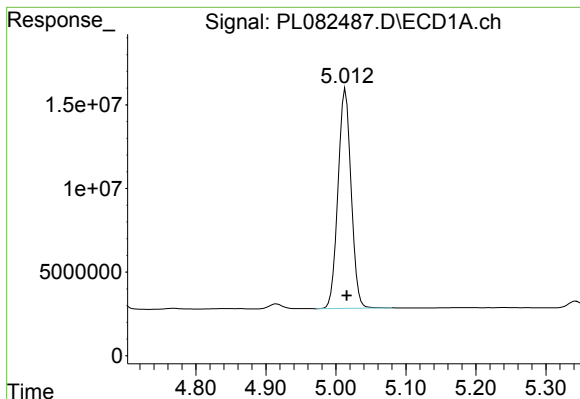
#4 Heptachlor

R.T.: 4.675 min
Delta R.T.: -0.003 min
Response: 182013679
Conc: 49.81 ng/ml m



#4 Heptachlor

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 173077378
Conc: 50.56 ng/ml



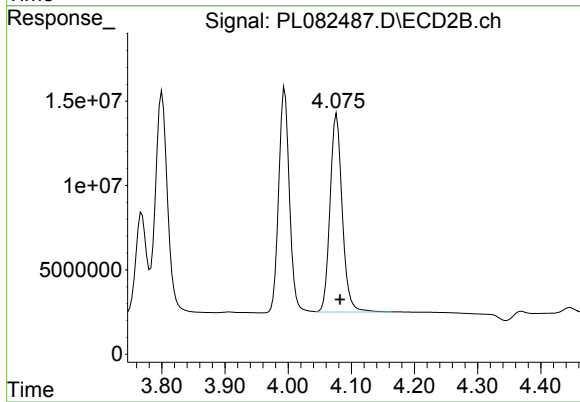
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 170646554
Conc: 51.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

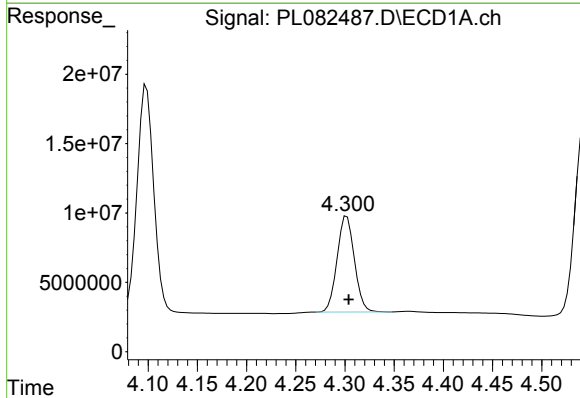
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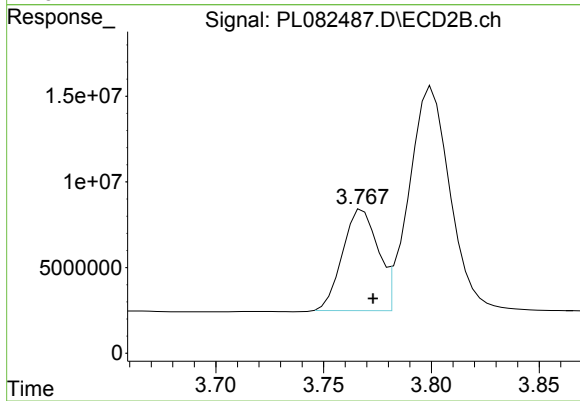
#5 Aldrin

R.T.: 4.075 min
Delta R.T.: -0.007 min
Response: 158069183
Conc: 50.18 ng/ml m



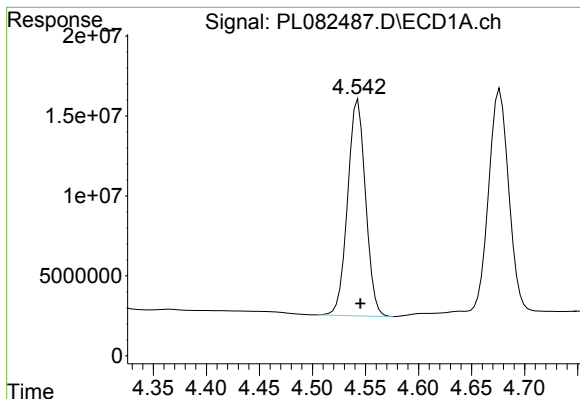
#6 beta-BHC

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 84577904
Conc: 49.59 ng/ml



#6 beta-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 67189034
Conc: 49.24 ng/ml



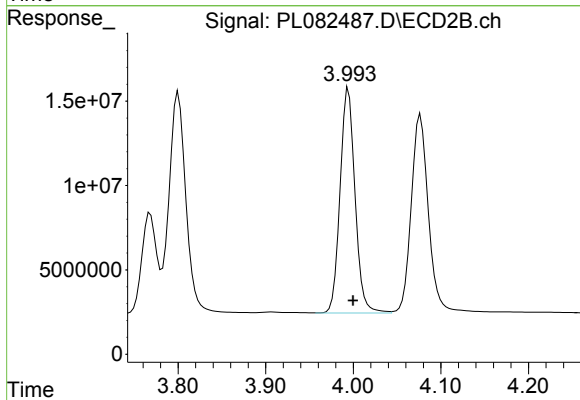
#7 delta-BHC

R.T.: 4.542 min
Delta R.T.: -0.004 min
Response: 159021739
Conc: 44.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

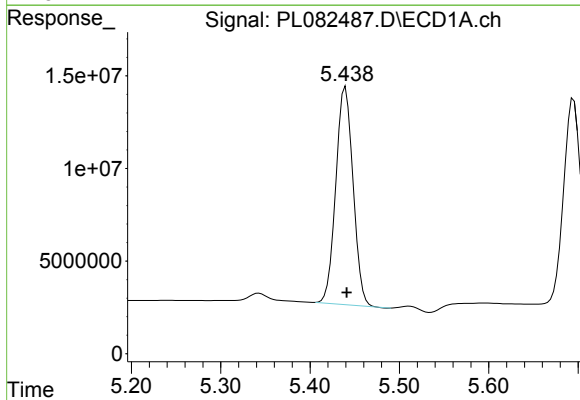
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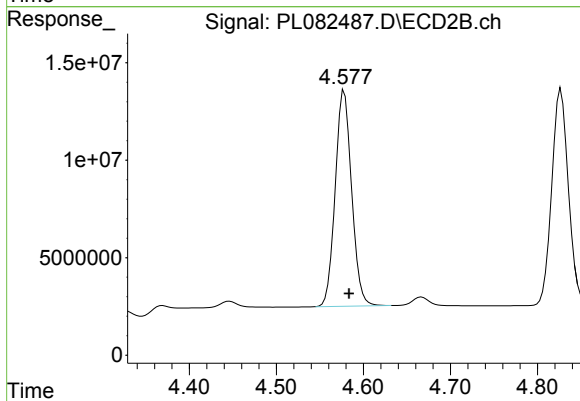
#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.006 min
Response: 158425571
Conc: 51.65 ng/ml m



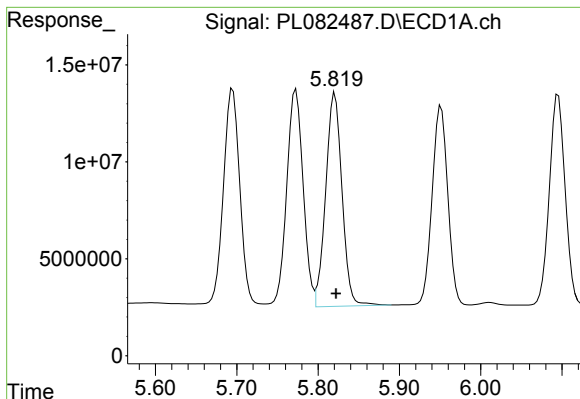
#8 Heptachlor epoxide

R.T.: 5.440 min
Delta R.T.: -0.002 min
Response: 157296548
Conc: 51.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.578 min
Delta R.T.: -0.005 min
Response: 145158675
Conc: 50.39 ng/ml



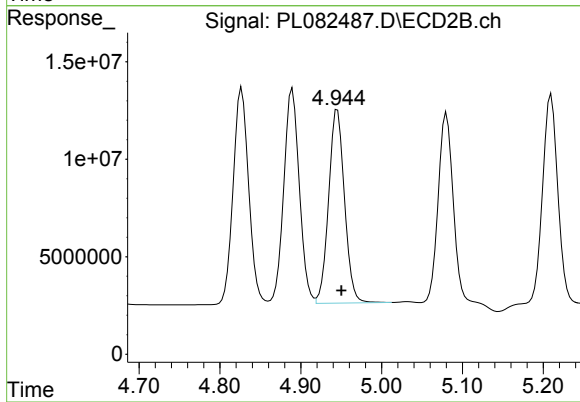
#9 Endosulfan I

R.T.: 5.821 min
Delta R.T.: -0.001 min
Response: 154351609
Conc: 55.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

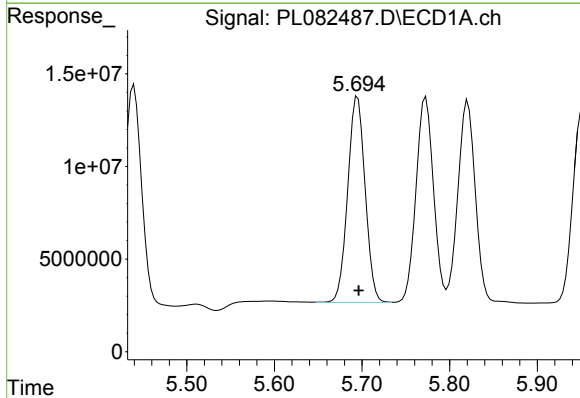
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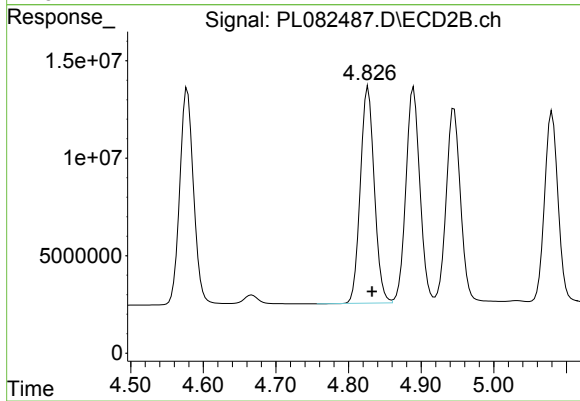
#9 Endosulfan I

R.T.: 4.945 min
Delta R.T.: -0.005 min
Response: 135458481
Conc: 50.74 ng/ml



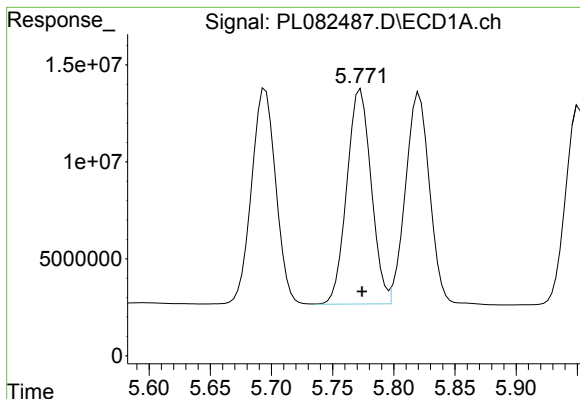
#10 gamma-Chlordane

R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 153441026
Conc: 51.03 ng/ml m



#10 gamma-Chlordane

R.T.: 4.827 min
Delta R.T.: -0.006 min
Response: 148034327
Conc: 51.01 ng/ml



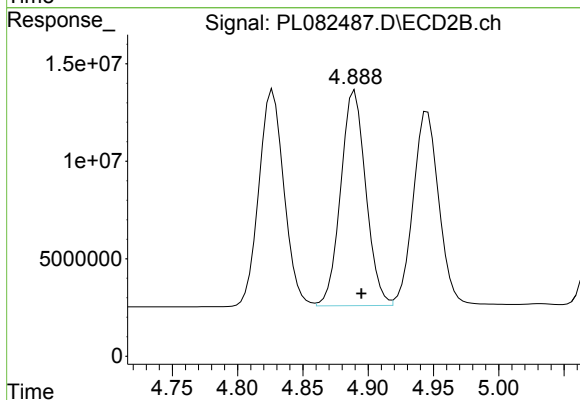
#11 alpha-Chlordane

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 153957490
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

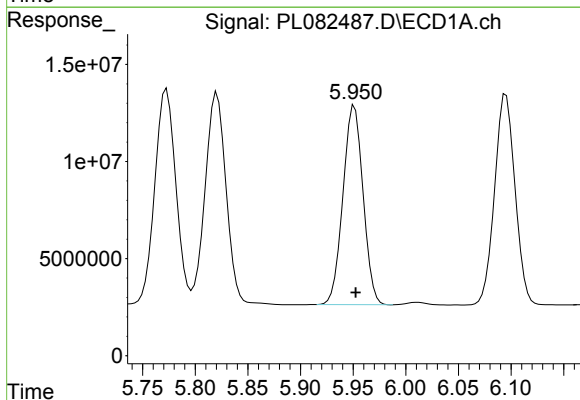
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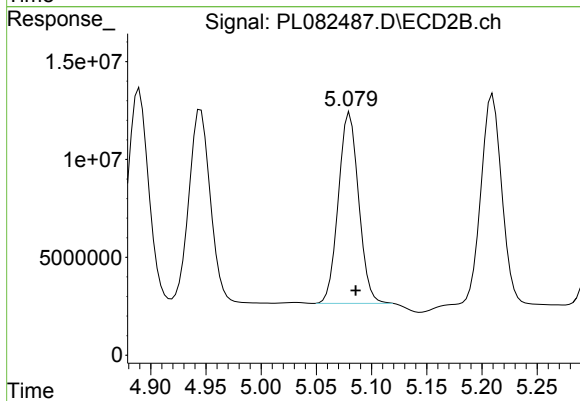
#11 alpha-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 147784700
Conc: 50.91 ng/ml



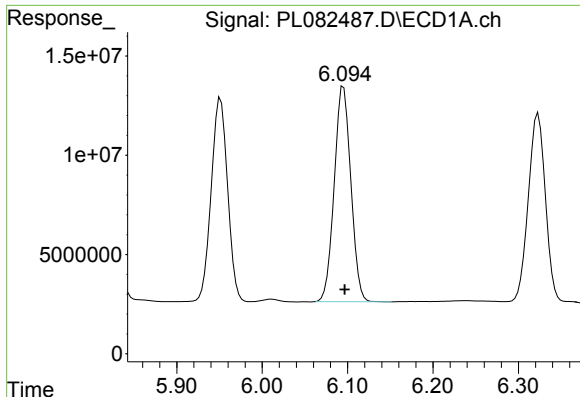
#12 4,4'-DDE

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 136756673
Conc: 53.80 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.007 min
Response: 124618676
Conc: 54.21 ng/ml m



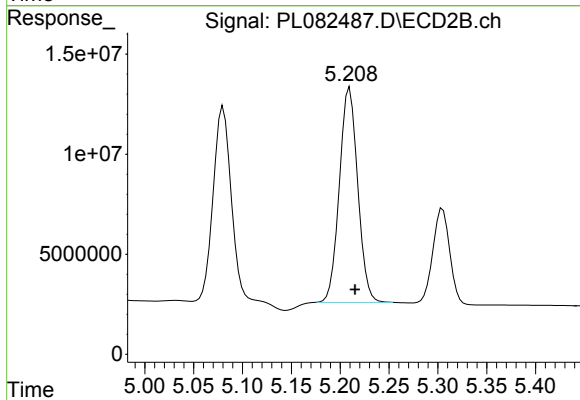
#13 Dieldrin

R.T.: 6.095 min
Delta R.T.: -0.001 min
Response: 146846057
Conc: 53.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

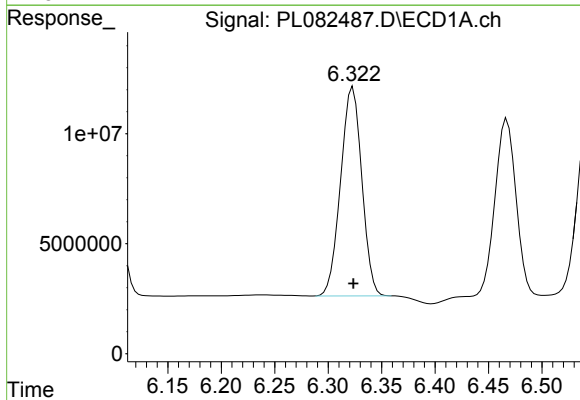
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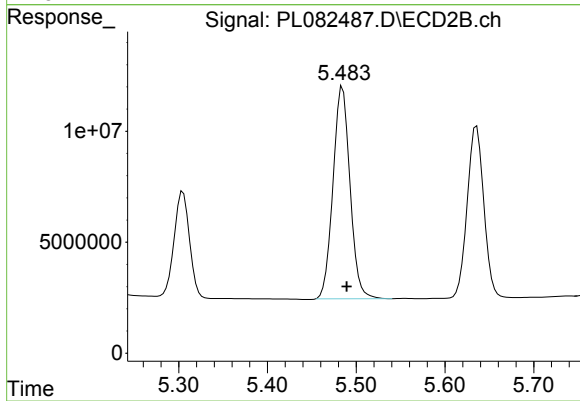
#13 Dieldrin

R.T.: 5.208 min
Delta R.T.: -0.007 min
Response: 140658837
Conc: 52.09 ng/ml m



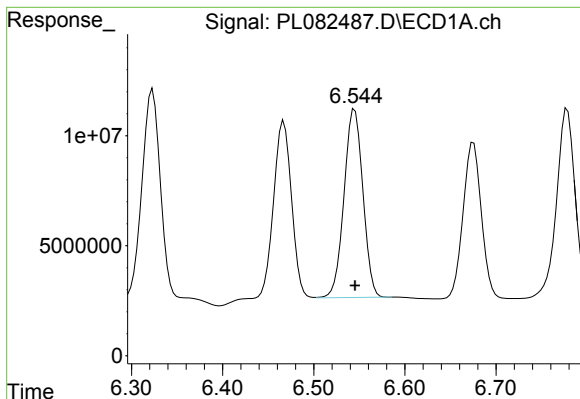
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 131180512
Conc: 54.11 ng/ml



#14 Endrin

R.T.: 5.485 min
Delta R.T.: -0.005 min
Response: 127314592
Conc: 52.05 ng/ml



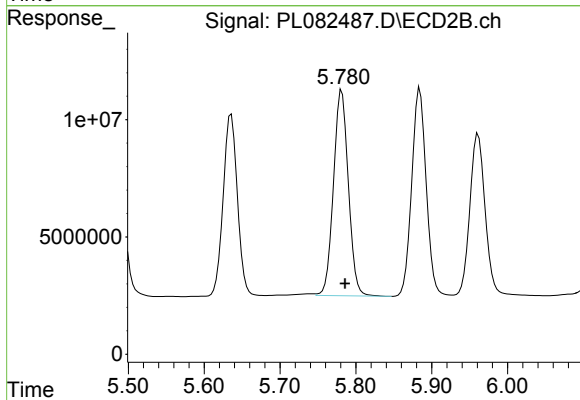
#15 Endosulfan II

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 123330133
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

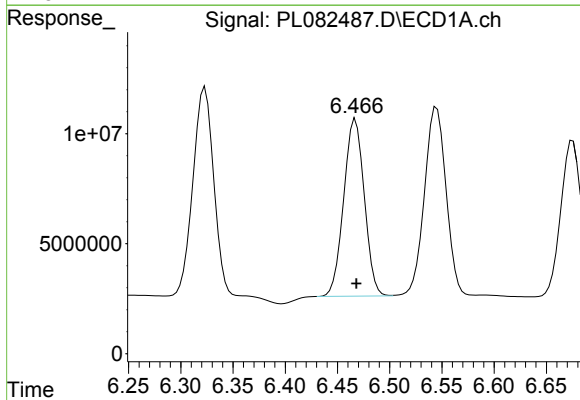
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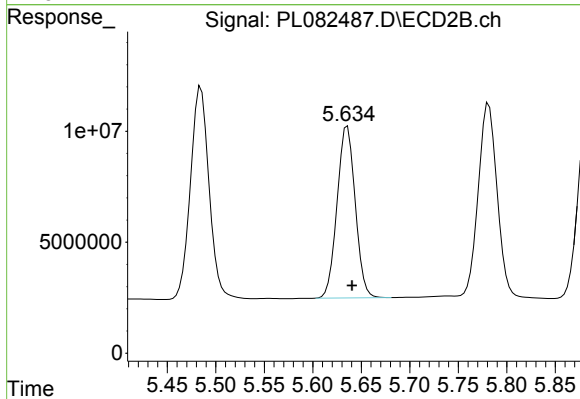
#15 Endosulfan II

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 119638279
Conc: 53.08 ng/ml



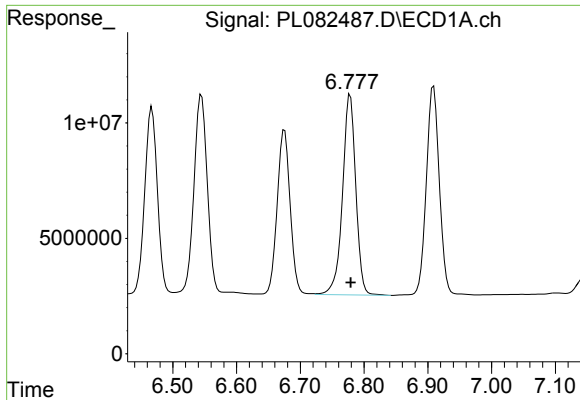
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 110479830
Conc: 54.50 ng/ml



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: -0.005 min
Response: 100706298
Conc: 53.84 ng/ml



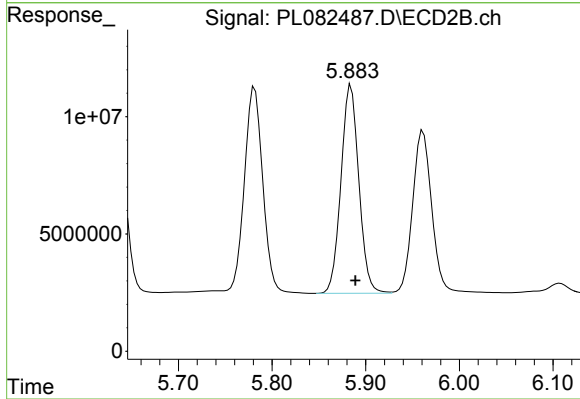
#17 4,4'-DDT

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 125742093
Conc: 54.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

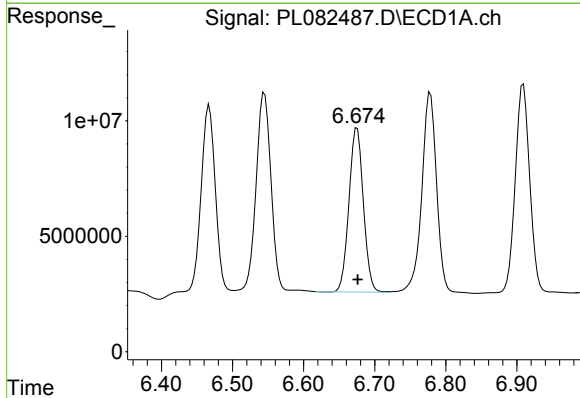
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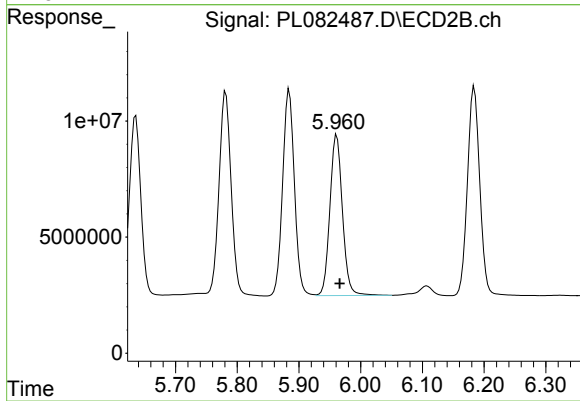
#17 4,4'-DDT

R.T.: 5.884 min
Delta R.T.: -0.005 min
Response: 117961425
Conc: 55.84 ng/ml



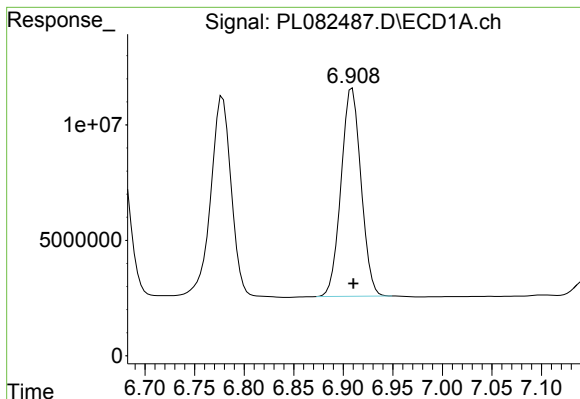
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 100242271
Conc: 53.20 ng/ml



#18 Endrin aldehyde

R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 97893485
Conc: 52.31 ng/ml



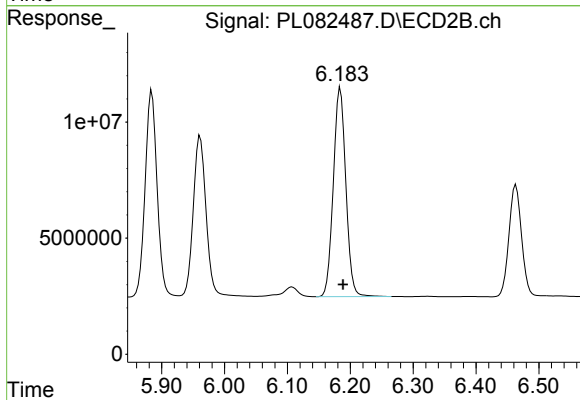
#19 Endosulfan Sulfate

R.T.: 6.909 min
Delta R.T.: -0.001 min
Response: 126516971
Conc: 53.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

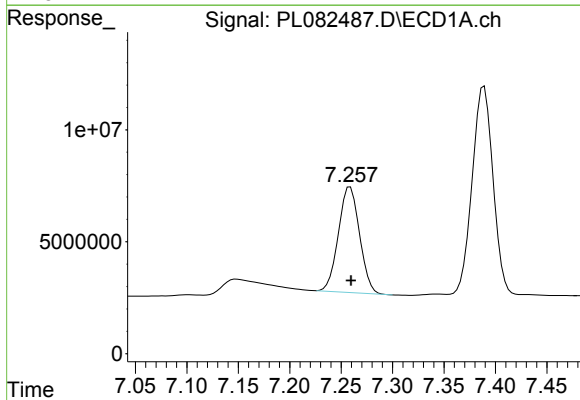
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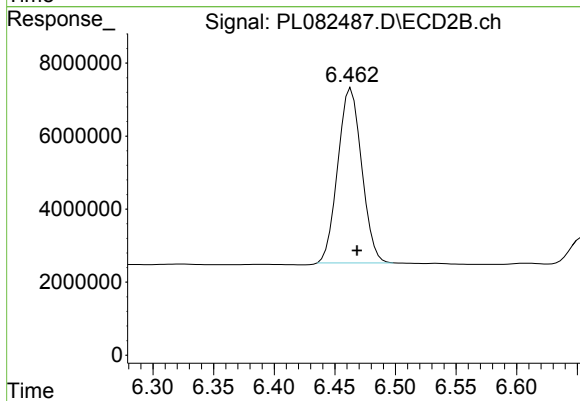
#19 Endosulfan Sulfate

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 124747813
Conc: 52.99 ng/ml



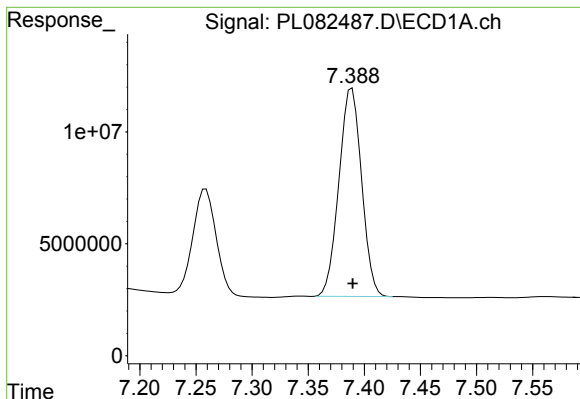
#20 Methoxychlor

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 67322135
Conc: 55.17 ng/ml



#20 Methoxychlor

R.T.: 6.462 min
Delta R.T.: -0.006 min
Response: 65422634
Conc: 53.99 ng/ml m



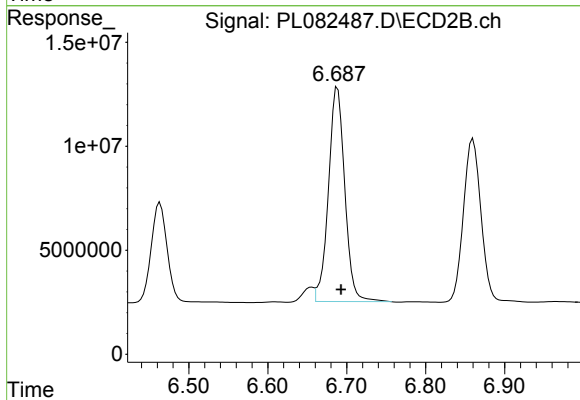
#21 Endrin ketone

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 130587419
Conc: 54.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

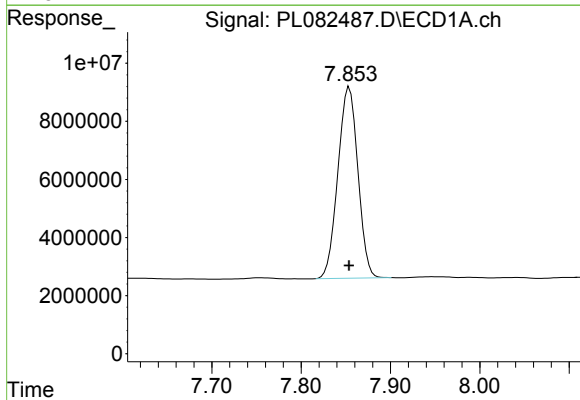
Manual Integrations
APPROVED

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



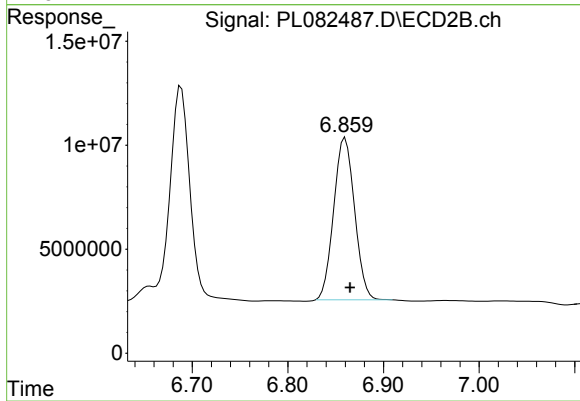
#21 Endrin ketone

R.T.: 6.687 min
Delta R.T.: -0.006 min
Response: 148194223
Conc: 58.39 ng/ml m



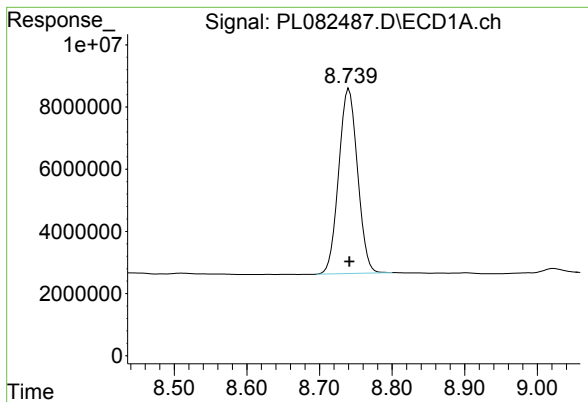
#22 Mirex

R.T.: 7.854 min
Delta R.T.: 0.000 min
Response: 102524680
Conc: 52.41 ng/ml



#22 Mirex

R.T.: 6.860 min
Delta R.T.: -0.005 min
Response: 118231357
Conc: 51.31 ng/ml



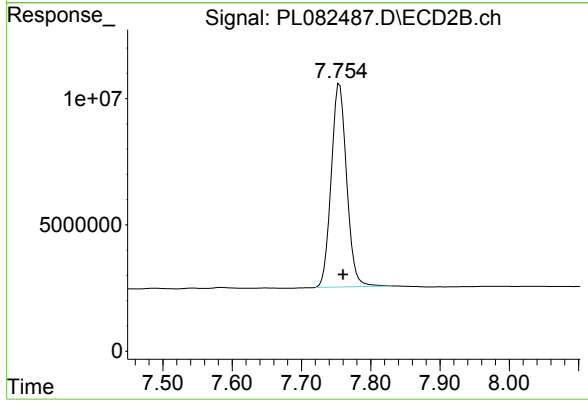
#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 107417994
Conc: 56.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 05/08/2023



#28 Decachlorobiphenyl

R.T.: 7.755 min
Delta R.T.: -0.005 min
Response: 124545315
Conc: 54.57 ng/ml