

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
 Data File : PL085550.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 18:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/28/2023
 Supervised By :Ankita Jodhani 09/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 21:36:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 26 01:26:21 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...	3.413	2.651	126.8E6	57749248	49.287	50.896
28)	SA Decachlor...	8.941	7.825	102.7E6	60661694	50.050	51.094
Target Compounds							
2)	A alpha-BHC	3.868	3.153	186.6E6	86762836	51.078	52.466
3)	MA gamma-BHC...	4.201	3.482	179.3E6	84056820	50.563	52.424
4)	MA Heptachlor	4.791	3.822	168.3E6	79362727	49.851	51.923
5)	MB Aldrin	5.131	4.100	165.7E6	79845509	49.404	52.324
6)	B beta-BHC	4.402	3.785	74828749	34719661	47.918	51.478
7)	B delta-BHC	4.647	4.012	174.1E6	82666934	50.637	53.390
8)	B Heptachlo...	5.561	4.606	145.1E6	70685518	50.529	52.441
9)	A Endosulfan I	5.946	4.975	139.8E6	66538531	51.170	52.084
10)	B gamma-Chl...	5.818	4.858	145.8E6	71276140	50.224m	53.137
11)	B alpha-Chl...	5.898	4.922	148.3E6	71964957	51.376	52.344
12)	B 4,4'-DDE	6.080	5.122	126.4E6	65418043	50.900	54.340
13)	MA Dieldrin	6.224	5.242	141.5E6	72078042	49.902	52.745
14)	MA Endrin	6.452	5.516	122.7E6	68272562	51.502	56.534
15)	B Endosulfa...	6.675	5.815	128.8E6	62883901	49.318	52.194
16)	A 4,4'-DDD	6.599	5.679	107.1E6	54901443	53.410	54.741
17)	MA 4,4'-DDT	6.915	5.931	110.8E6	59166287	52.771	55.101
18)	B Endrin al...	6.806	5.997	90965342	49701813	50.449	50.560
19)	B Endosulfa...	7.043	6.222	117.7E6	60393727	50.846	53.301
20)	A Methoxychlor	7.400	6.517	64152031	33476795	48.162	52.800
21)	B Endrin ke...	7.526	6.725	126.4E6	76353098	50.723	48.779
22)	Mirex	8.000	6.904	98035710	57501515	49.602	50.895

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
Data File : PL085550.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Sep 2023 18:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

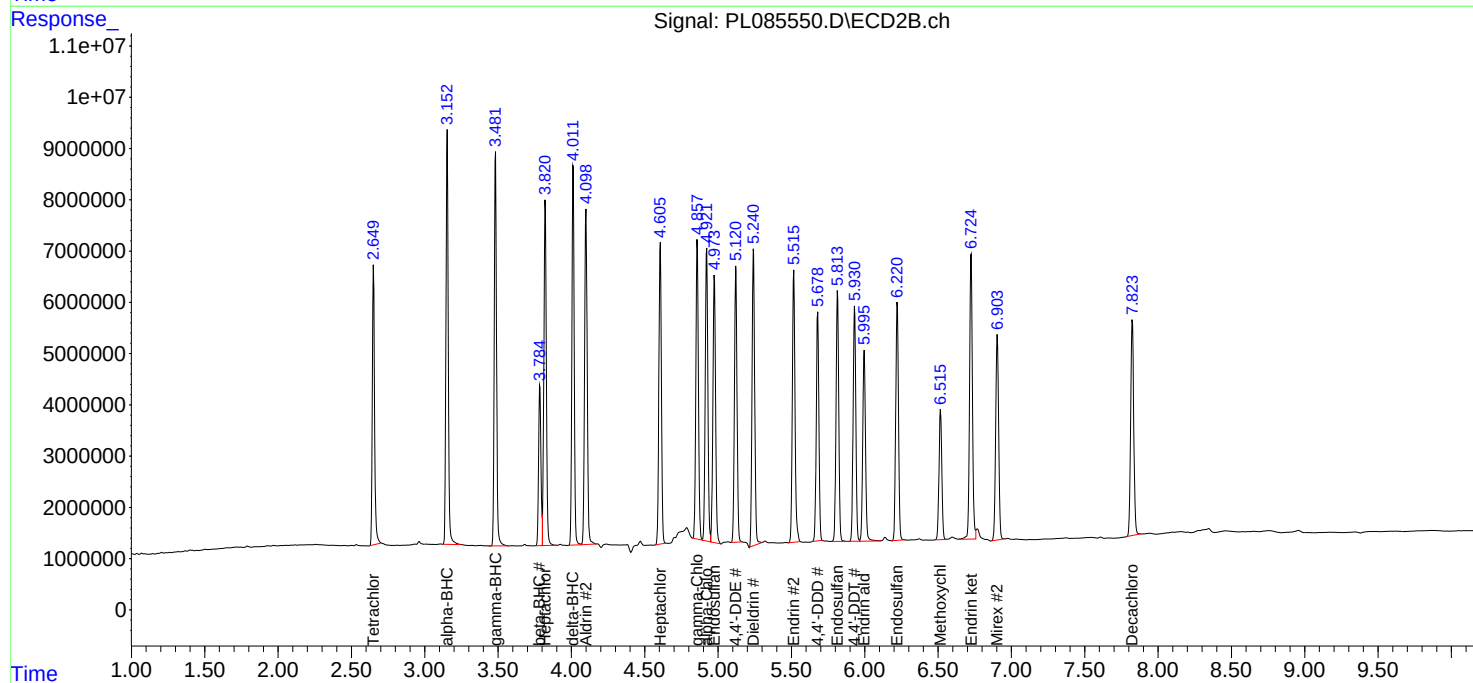
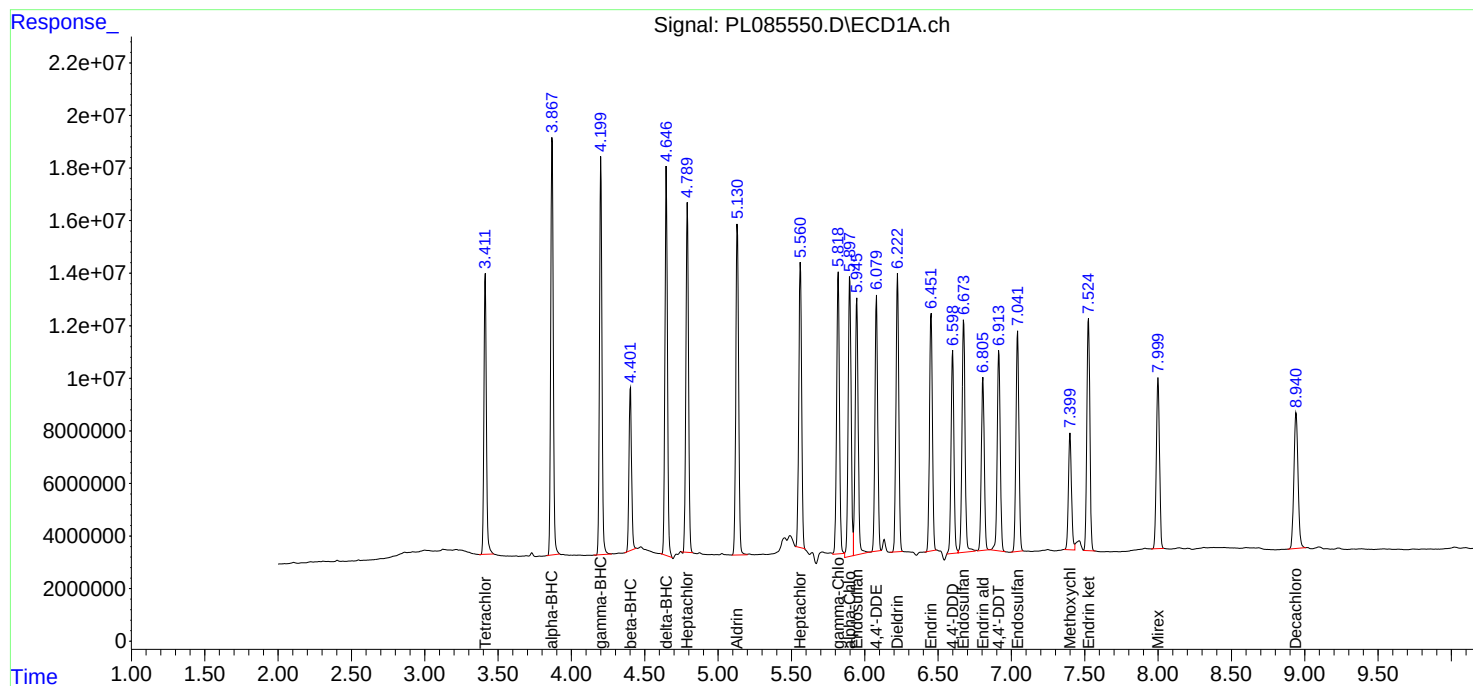
APPROVED

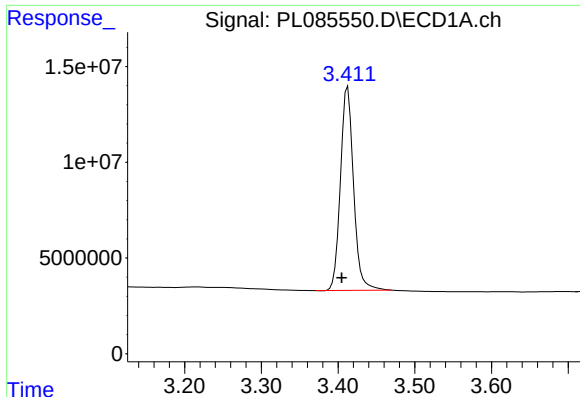
Reviewed By :Abdul Mirza 09/28/2023

Supervised By :Ankita Jodhani 09/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 21:36:54 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
Quant Title : GC Extractables
QLast Update : Tue Sep 26 01:26:21 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





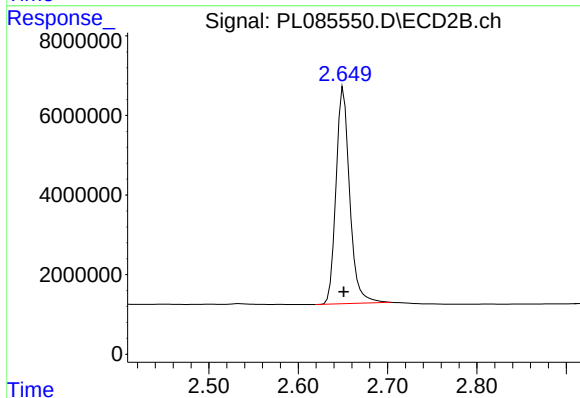
#1 Tetrachloro-m-xylene

R.T.: 3.413 min
Delta R.T.: 0.008 min
Response: 126760085
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

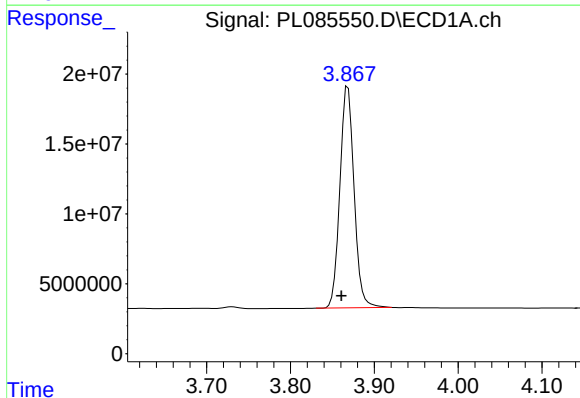
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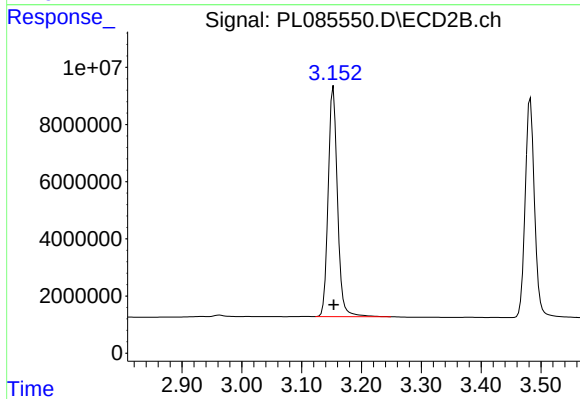
#1 Tetrachloro-m-xylene

R.T.: 2.651 min
Delta R.T.: 0.000 min
Response: 57749248
Conc: 50.90 ng/ml



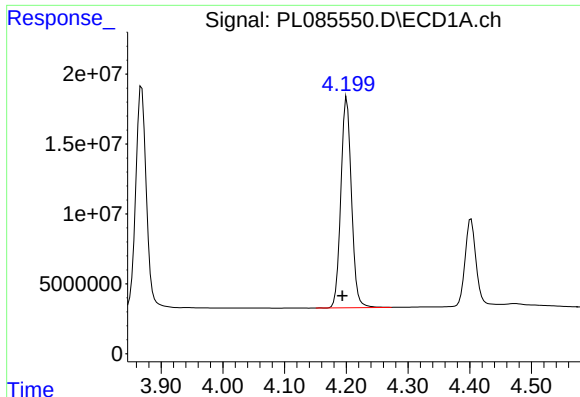
#2 alpha-BHC

R.T.: 3.868 min
Delta R.T.: 0.007 min
Response: 186583770
Conc: 51.08 ng/ml



#2 alpha-BHC

R.T.: 3.153 min
Delta R.T.: 0.000 min
Response: 86762836
Conc: 52.47 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.201 min
Delta R.T.: 0.007 min
Response: 179315628
Conc: 50.56 ng/ml

Instrument :

ECD_L

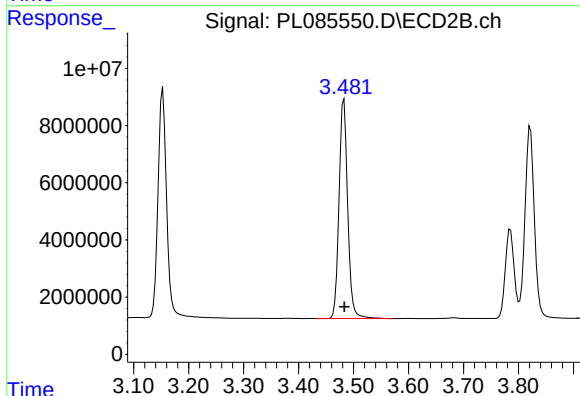
ClientSampleId :

PSTDCCC050

Manual Integrations

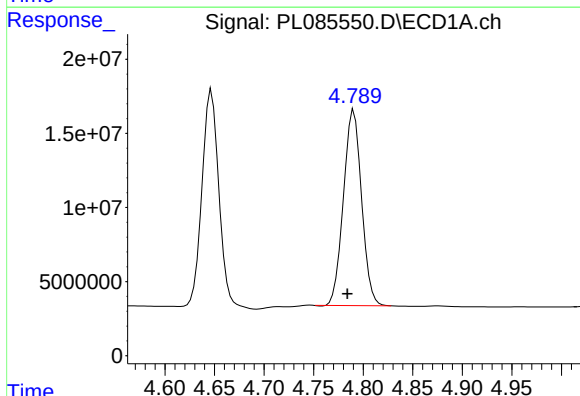
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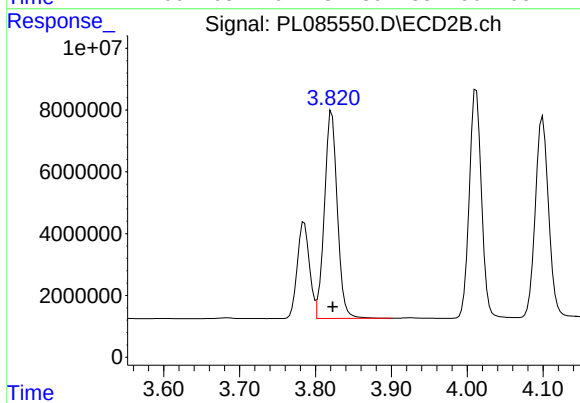
#3 gamma-BHC (Lindane)

R.T.: 3.482 min
Delta R.T.: 0.000 min
Response: 84056820
Conc: 52.42 ng/ml



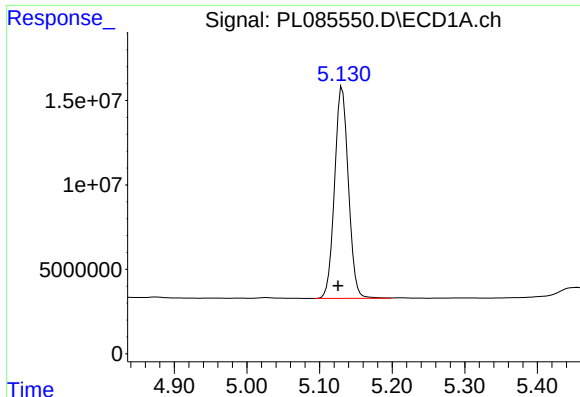
#4 Heptachlor

R.T.: 4.791 min
Delta R.T.: 0.007 min
Response: 168265004
Conc: 49.85 ng/ml



#4 Heptachlor

R.T.: 3.822 min
Delta R.T.: -0.001 min
Response: 79362727
Conc: 51.92 ng/ml



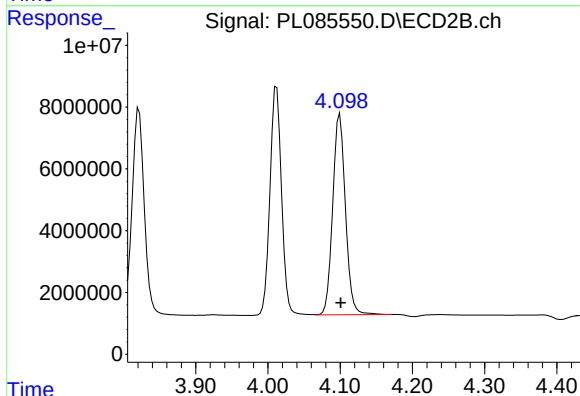
#5 Aldrin

R.T.: 5.131 min
Delta R.T.: 0.006 min
Response: 165717783
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

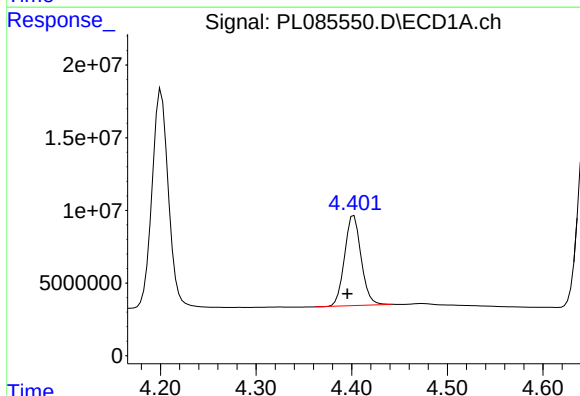
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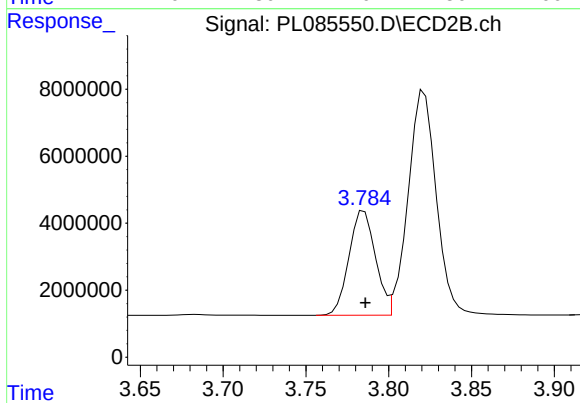
#5 Aldrin

R.T.: 4.100 min
Delta R.T.: -0.001 min
Response: 79845509
Conc: 52.32 ng/ml



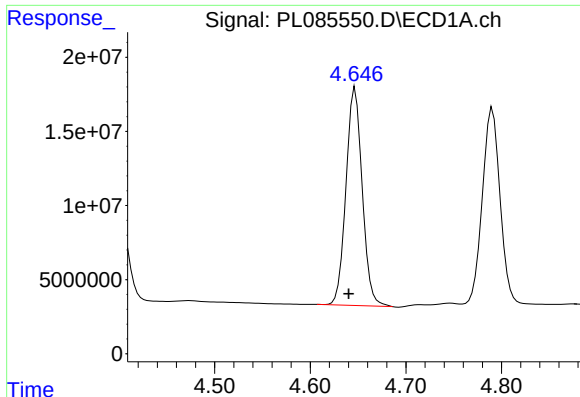
#6 beta-BHC

R.T.: 4.402 min
Delta R.T.: 0.007 min
Response: 74828749
Conc: 47.92 ng/ml



#6 beta-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 34719661
Conc: 51.48 ng/ml



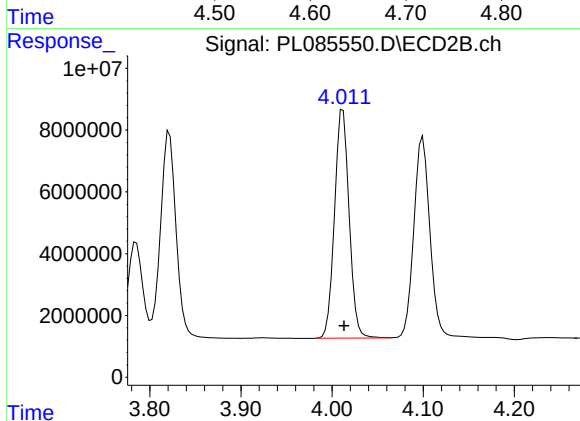
#7 delta-BHC

R.T.: 4.647 min
Delta R.T.: 0.007 min
Response: 174087998
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

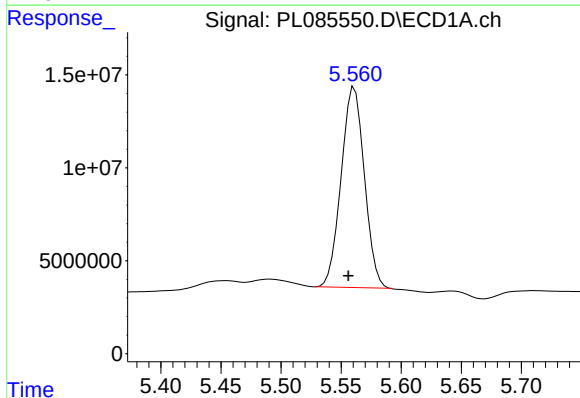
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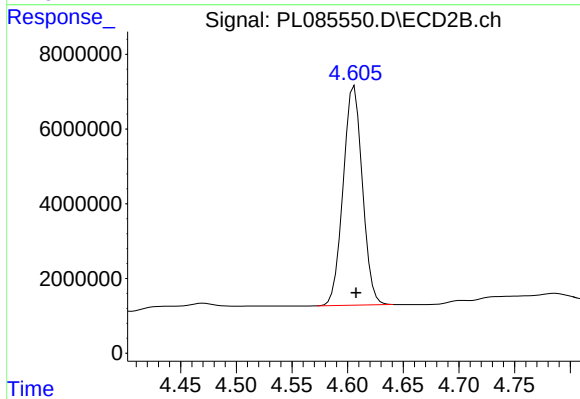
#7 delta-BHC

R.T.: 4.012 min
Delta R.T.: -0.001 min
Response: 82666934
Conc: 53.39 ng/ml



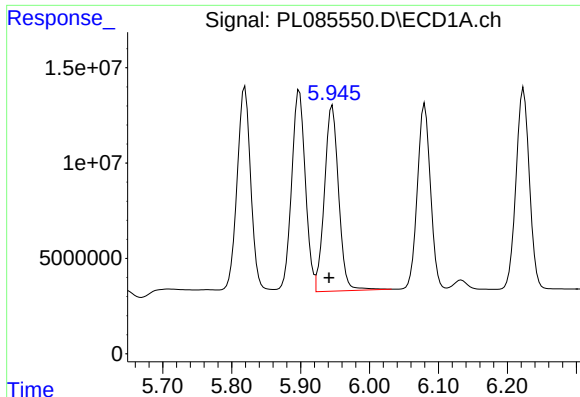
#8 Heptachlor epoxide

R.T.: 5.561 min
Delta R.T.: 0.005 min
Response: 145058606
Conc: 50.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.606 min
Delta R.T.: -0.002 min
Response: 70685518
Conc: 52.44 ng/ml



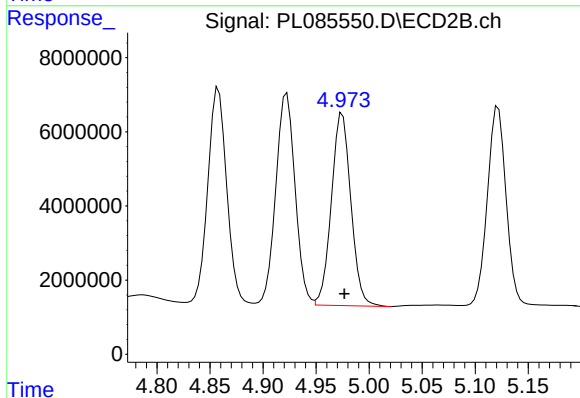
#9 Endosulfan I

R.T.: 5.946 min
Delta R.T.: 0.005 min
Response: 139776793
Conc: 51.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

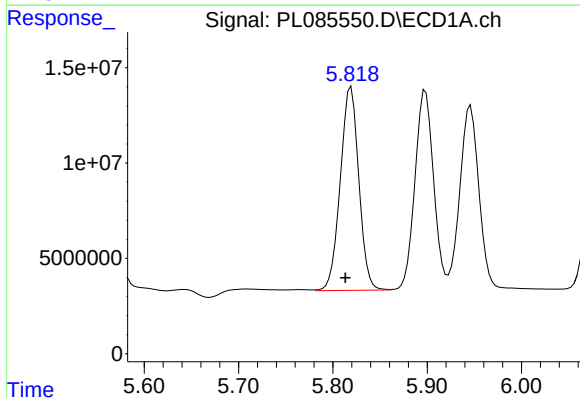
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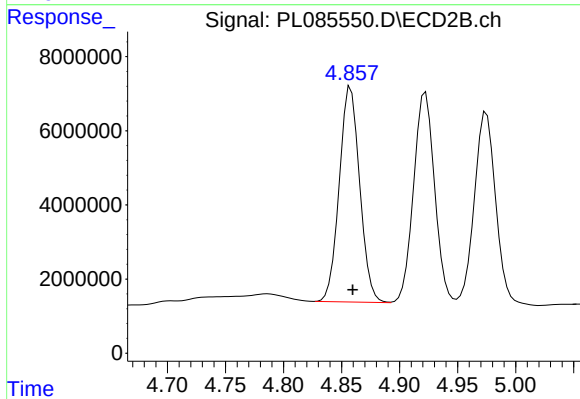
#9 Endosulfan I

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 66538531
Conc: 52.08 ng/ml



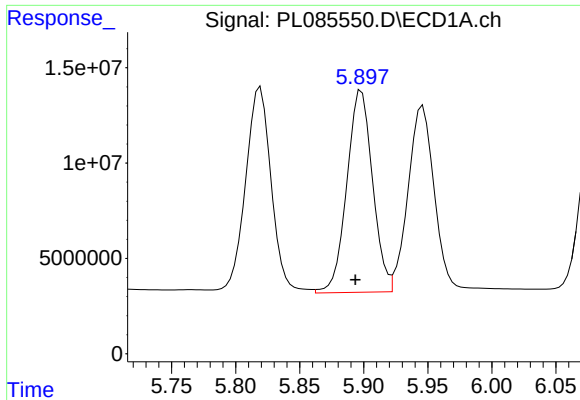
#10 gamma-Chlordane

R.T.: 5.818 min
Delta R.T.: 0.004 min
Response: 145753236
Conc: 50.22 ng/ml m



#10 gamma-Chlordane

R.T.: 4.858 min
Delta R.T.: -0.002 min
Response: 71276140
Conc: 53.14 ng/ml



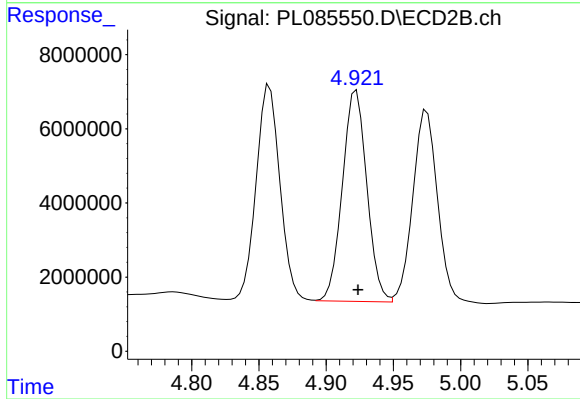
#11 alpha-Chlordane

R.T.: 5.898 min
Delta R.T.: 0.005 min
Response: 148305810
Conc: 51.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

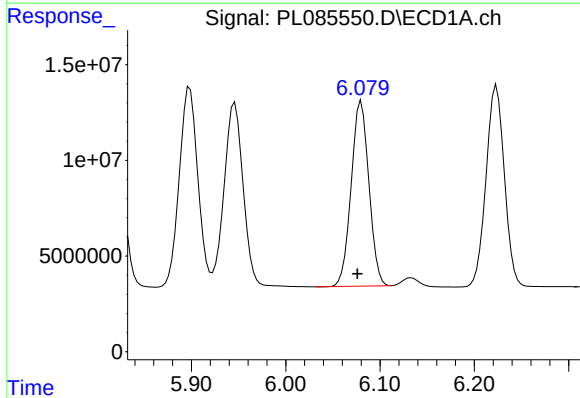
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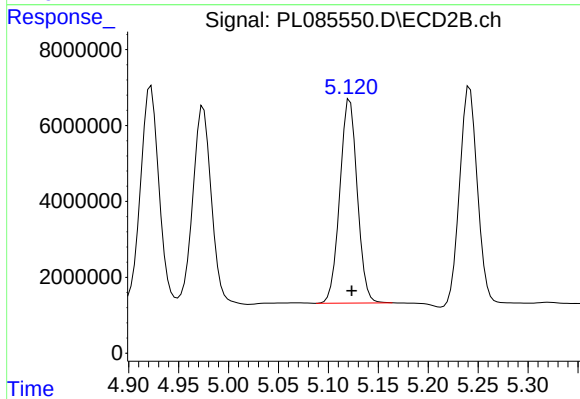
#11 alpha-Chlordane

R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 71964957
Conc: 52.34 ng/ml



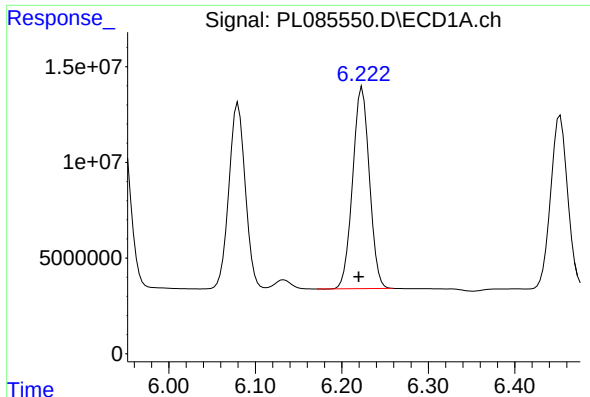
#12 4,4'-DDE

R.T.: 6.080 min
Delta R.T.: 0.004 min
Response: 126426394
Conc: 50.90 ng/ml



#12 4,4'-DDE

R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 65418043
Conc: 54.34 ng/ml



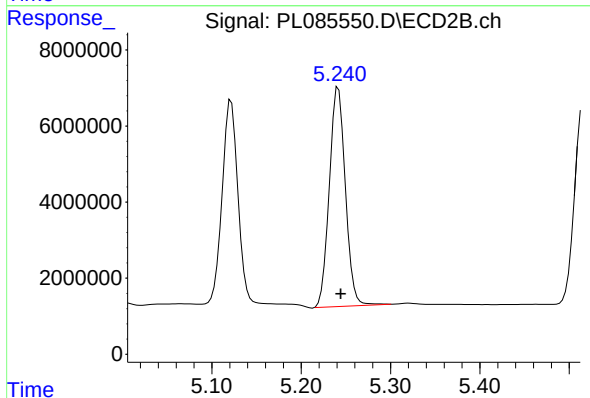
#13 Dieldrin

R.T.: 6.224 min
Delta R.T.: 0.004 min
Response: 141539808
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

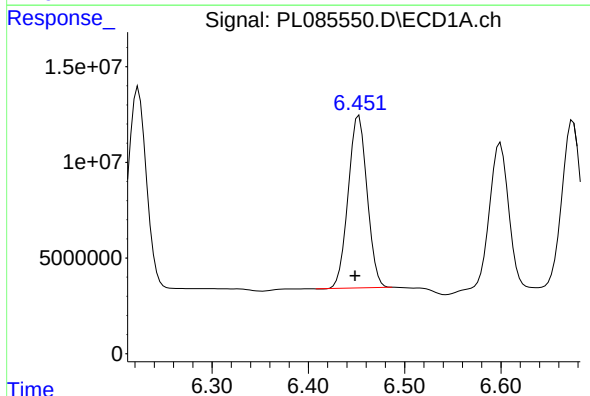
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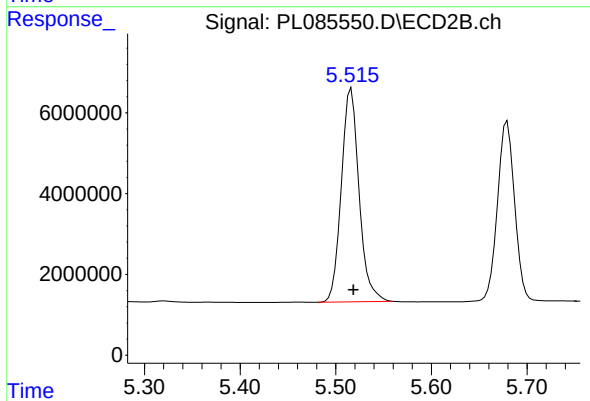
#13 Dieldrin

R.T.: 5.242 min
Delta R.T.: -0.002 min
Response: 72078042
Conc: 52.75 ng/ml



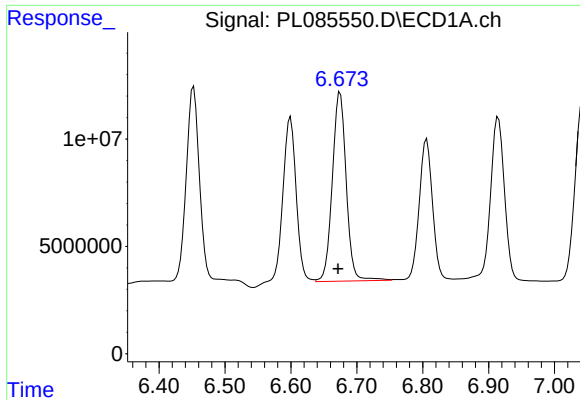
#14 Endrin

R.T.: 6.452 min
Delta R.T.: 0.004 min
Response: 122717249
Conc: 51.50 ng/ml



#14 Endrin

R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 68272562
Conc: 56.53 ng/ml



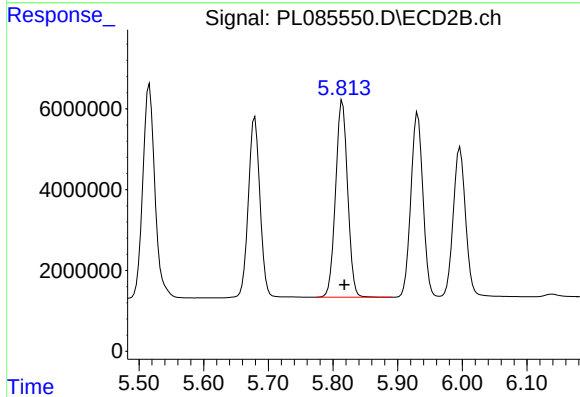
#15 Endosulfan II

R.T.: 6.675 min
Delta R.T.: 0.003 min
Response: 128842098
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

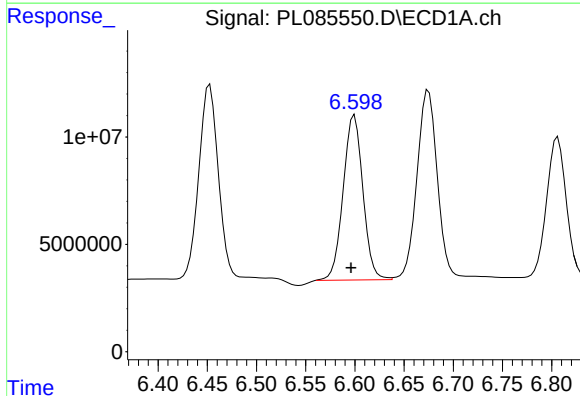
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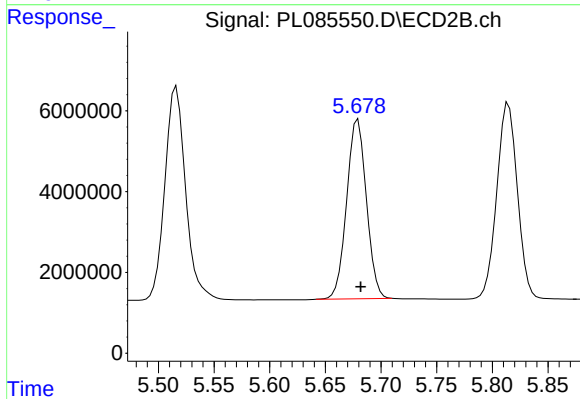
#15 Endosulfan II

R.T.: 5.815 min
Delta R.T.: -0.003 min
Response: 62883901
Conc: 52.19 ng/ml



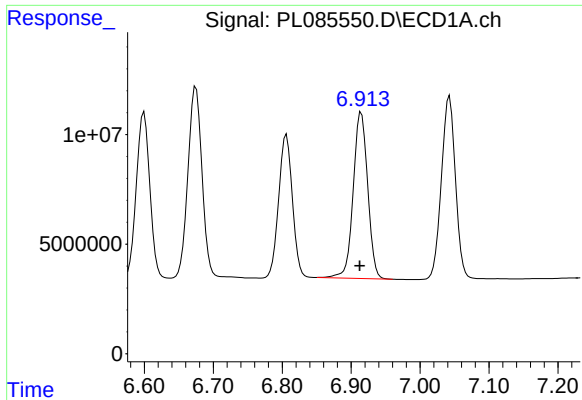
#16 4,4'-DDD

R.T.: 6.599 min
Delta R.T.: 0.004 min
Response: 107118560
Conc: 53.41 ng/ml



#16 4,4'-DDD

R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 54901443
Conc: 54.74 ng/ml



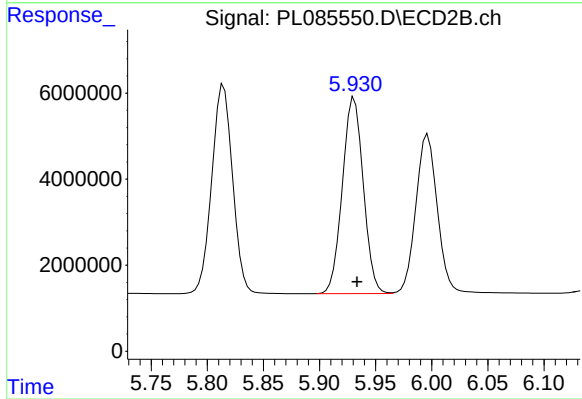
#17 4,4'-DDT

R.T.: 6.915 min
Delta R.T.: 0.002 min
Response: 110790624
Conc: 52.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

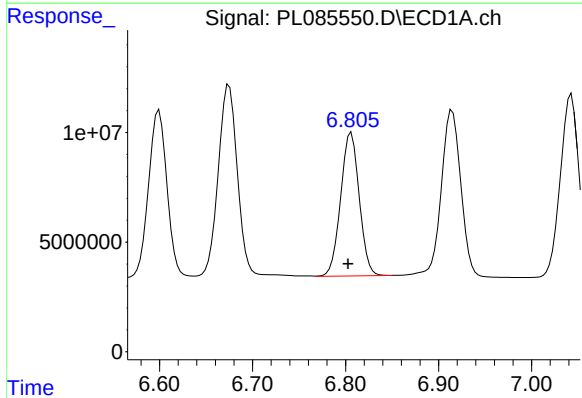
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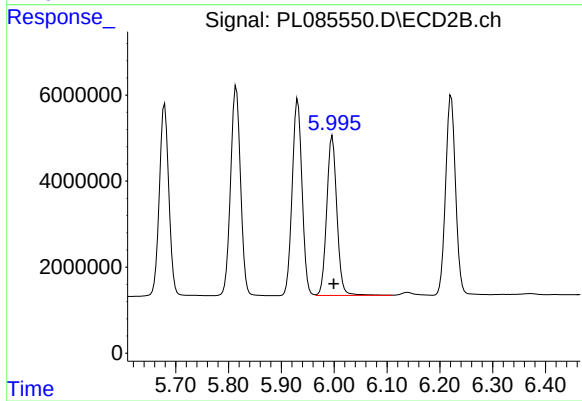
#17 4,4'-DDT

R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 59166287
Conc: 55.10 ng/ml



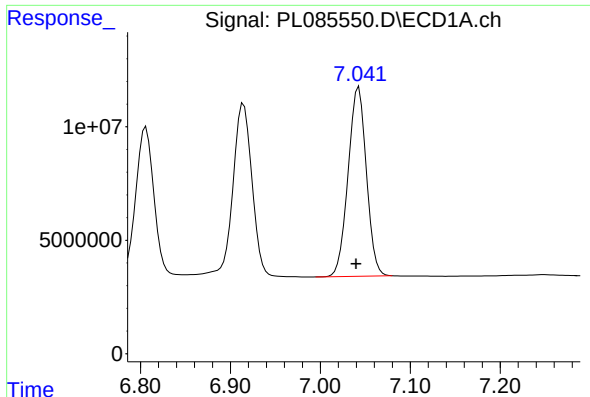
#18 Endrin aldehyde

R.T.: 6.806 min
Delta R.T.: 0.003 min
Response: 90965342
Conc: 50.45 ng/ml



#18 Endrin aldehyde

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 49701813
Conc: 50.56 ng/ml



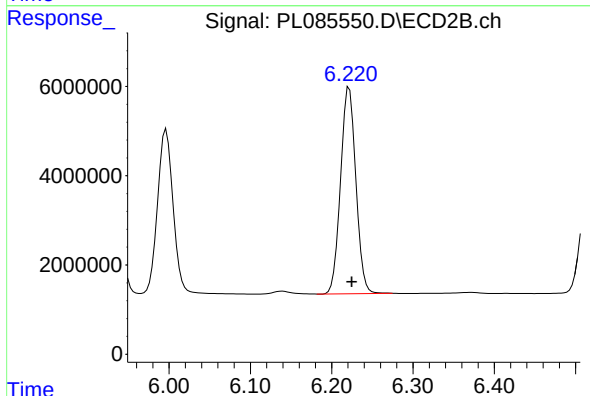
#19 Endosulfan Sulfate

R.T.: 7.043 min
Delta R.T.: 0.003 min
Response: 117742183
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

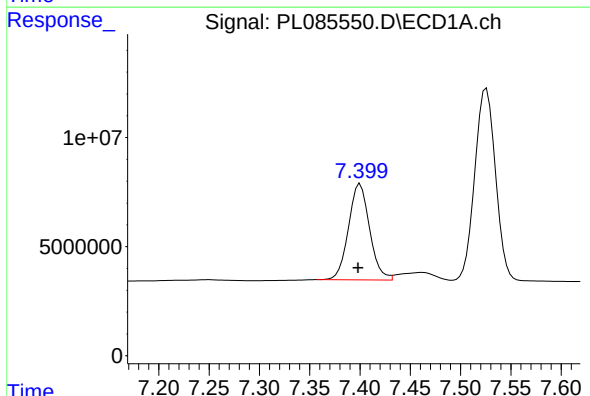
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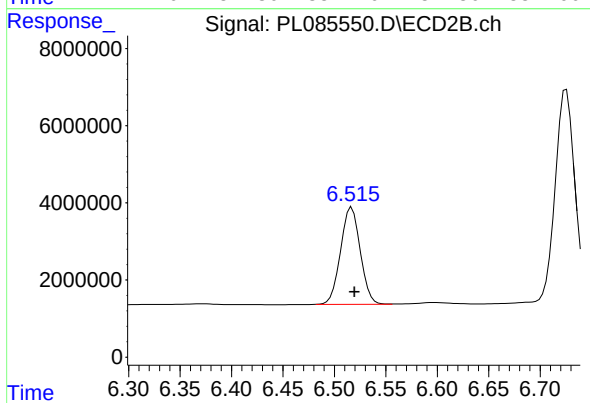
#19 Endosulfan Sulfate

R.T.: 6.222 min
Delta R.T.: -0.003 min
Response: 60393727
Conc: 53.30 ng/ml



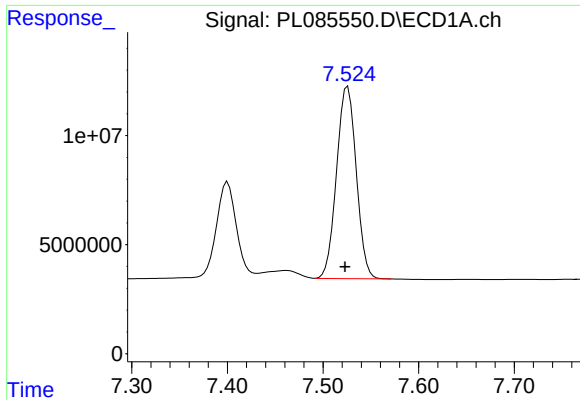
#20 Methoxychlor

R.T.: 7.400 min
Delta R.T.: 0.002 min
Response: 64152031
Conc: 48.16 ng/ml



#20 Methoxychlor

R.T.: 6.517 min
Delta R.T.: -0.003 min
Response: 33476795
Conc: 52.80 ng/ml



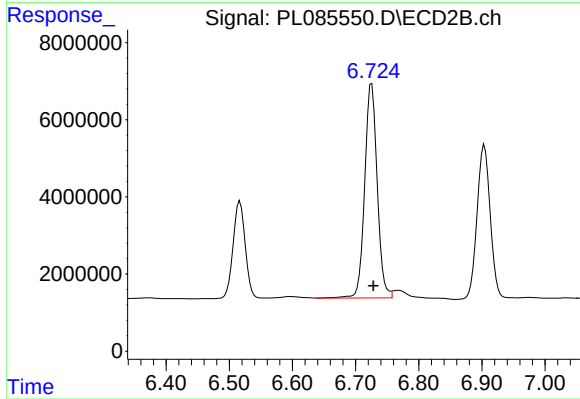
#21 Endrin ketone

R.T.: 7.526 min
Delta R.T.: 0.003 min
Response: 126388297
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

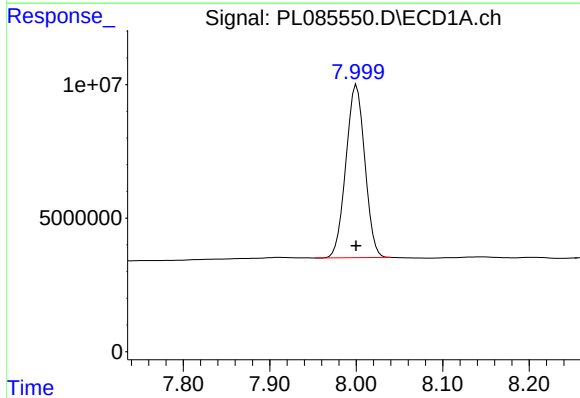
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Reviewed By :Abdul Mirza 09/28/2023
Supervised By :Ankita Jodhani 09/28/2023



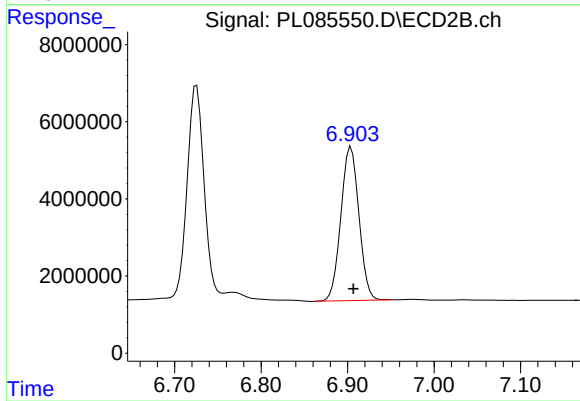
#21 Endrin ketone

R.T.: 6.725 min
Delta R.T.: -0.003 min
Response: 76353098
Conc: 48.78 ng/ml



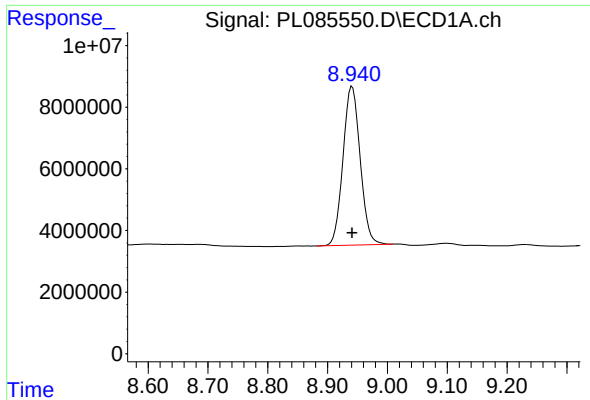
#22 Mirex

R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 98035710
Conc: 49.60 ng/ml



#22 Mirex

R.T.: 6.904 min
Delta R.T.: -0.003 min
Response: 57501515
Conc: 50.90 ng/ml



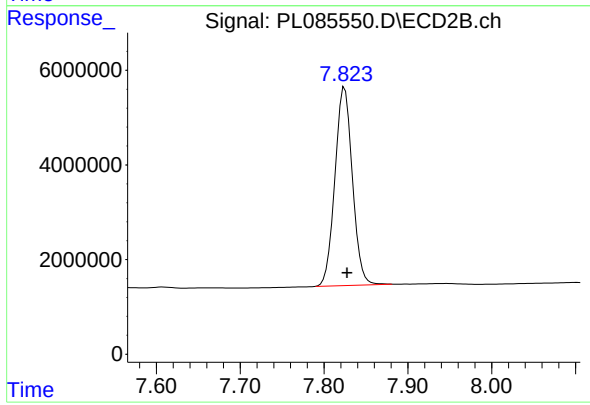
#28 Decachlorobiphenyl

R.T.: 8.941 min
Delta R.T.: 0.000 min
Response: 102710020
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/28/2023
Supervised By :Ankita Jodhani 09/28/2023



#28 Decachlorobiphenyl

R.T.: 7.825 min
Delta R.T.: -0.003 min
Response: 60661694
Conc: 51.09 ng/ml