

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092523\
 Data File : PL085492.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 21:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/26/2023
 Supervised By : Ankita Jodhani 09/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 00:20:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 17:13:17 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...	3.414	2.650	124.6E6	56751390	48.462	50.017
28)	SA Decachlor...	8.940	7.822	97518550	59802411	47.520	50.370
Target Compounds							
2)	A alpha-BHC	3.870	3.153	181.5E6	85249344	49.683	51.551
3)	MA gamma-BHC...	4.203	3.482	174.9E6	82750320	49.316	51.609
4)	MA Heptachlor	4.792	3.821	160.7E6	77326767	47.597	50.591
5)	MB Aldrin	5.132	4.099	158.7E6	77842188	47.306	51.011
6)	B beta-BHC	4.404	3.784	71909125	33886426	46.048	50.242
7)	B delta-BHC	4.648	4.011	164.3E6	80292206	47.800	51.856
8)	B Heptachlo...	5.561	4.605	140.4E6	68801213	48.916	51.043
9)	A Endosulfan I	5.946	4.974	126.1E6	64722063	46.162m	50.662
10)	B gamma-Chl...	5.818	4.857	137.6E6	68840733	47.407m	51.321
11)	B alpha-Chl...	5.898	4.921	140.4E6	69994507	48.642	50.910
12)	B 4,4'-DDE	6.080	5.120	116.0E6	62019121	46.712	51.517
13)	MA Dieldrin	6.224	5.241	133.1E6	69208897	46.931	50.646
14)	MA Endrin	6.452	5.515	111.4E6	62395311	46.771	51.668
15)	B Endosulfa...	6.675	5.813	121.2E6	60420394	46.395	50.149
16)	A 4,4'-DDD	6.599	5.678	97443845	52040894	48.586	51.889
17)	MA 4,4'-DDT	6.915	5.930	100.2E6	56277474	47.739	52.411
18)	B Endrin al...	6.805	5.995	87239373	50407333	48.382	51.277
19)	B Endosulfa...	7.042	6.221	108.3E6	57998064	46.767	51.187
20)	A Methoxychlor	7.400	6.516	59276469	32221101	44.502	50.819
21)	B Endrin ke...	7.526	6.724	118.5E6	80563775	47.569	51.469
22)	Mirex	8.000	6.903	94478103	56435773	47.802	49.952

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092523\
Data File : PL085492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2023 21:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

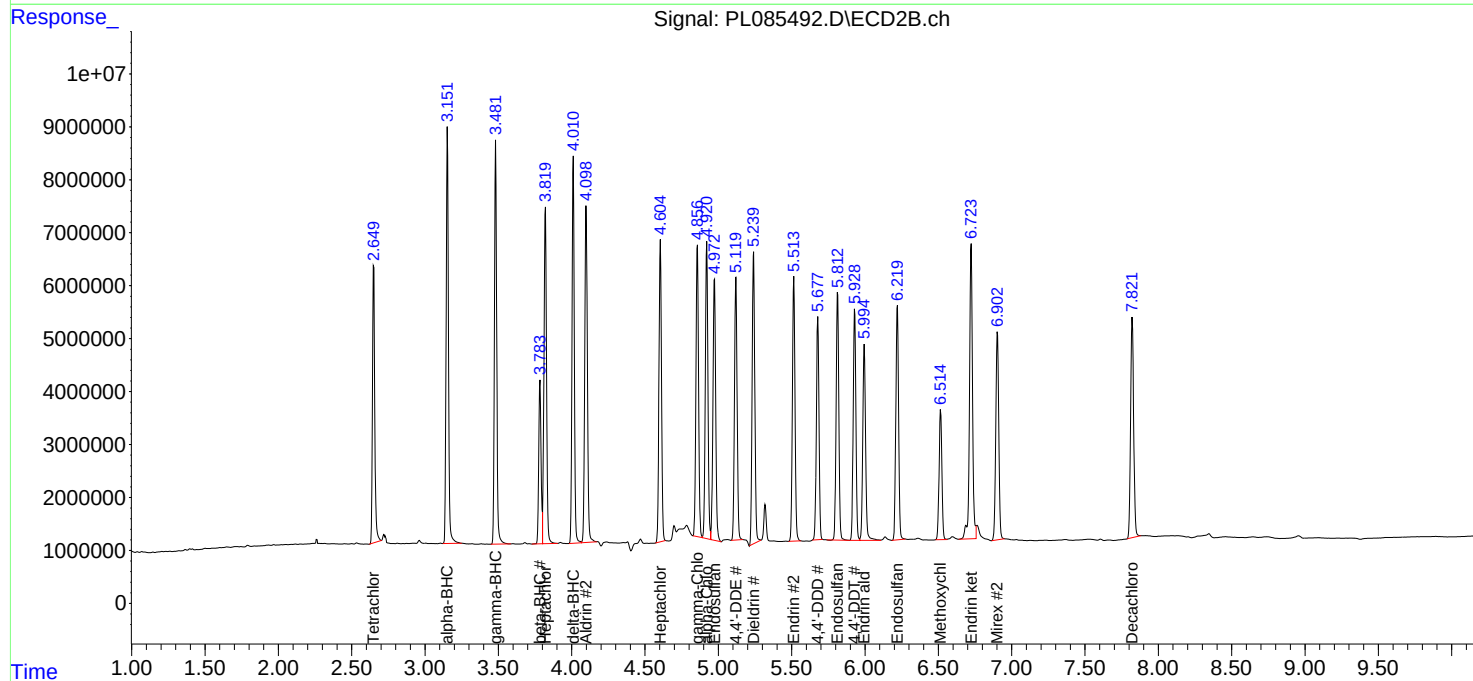
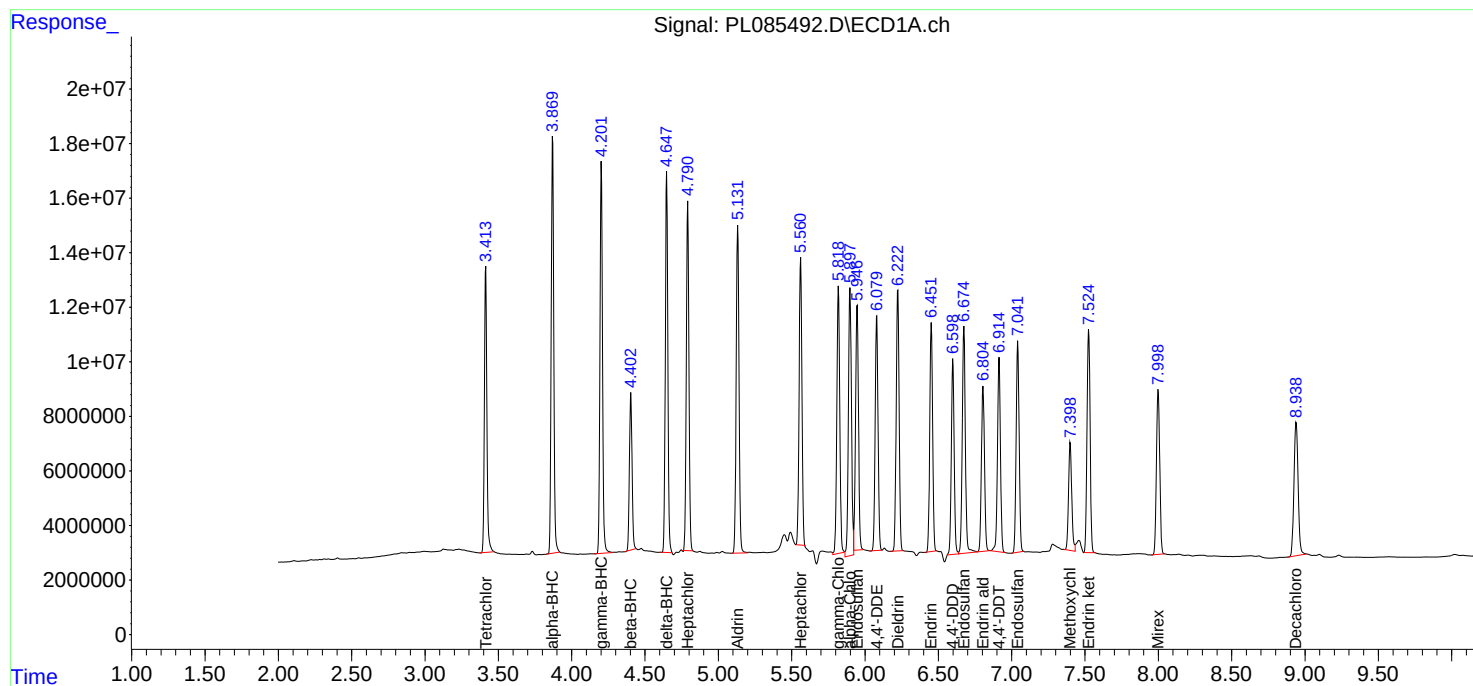
APPROVED

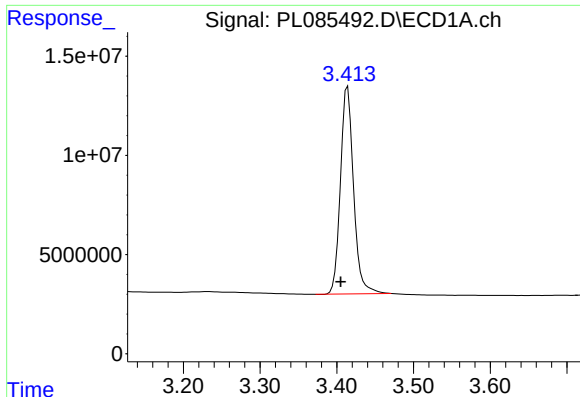
Reviewed By :Abdul Mirza 09/26/2023

Supervised By :Ankita Jodhani 09/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 00:20:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
Quant Title : GC Extractables
QLast Update : Mon Sep 25 17:13:17 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





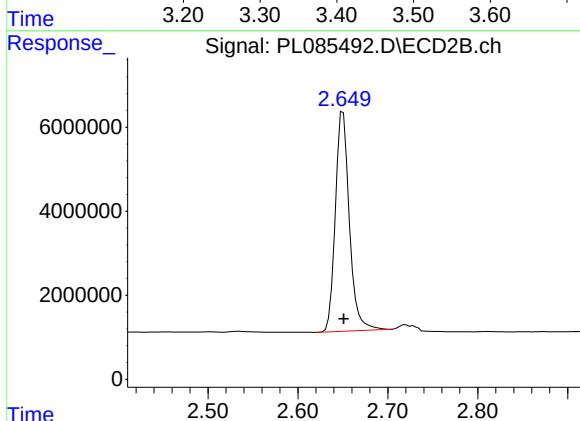
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: 0.009 min
Response: 124637840
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

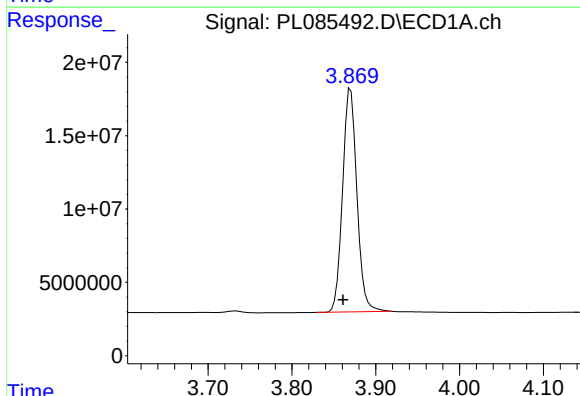
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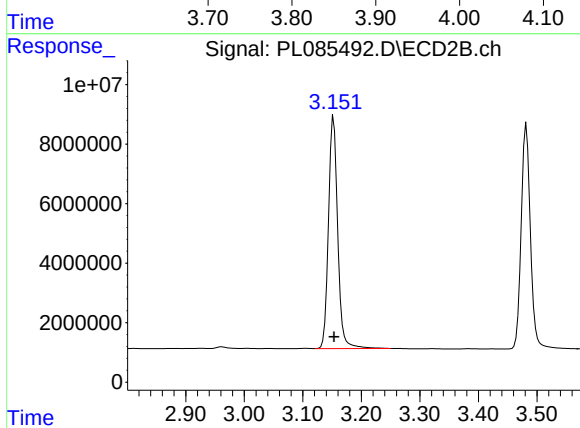
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: 0.000 min
Response: 56751390
Conc: 50.02 ng/ml



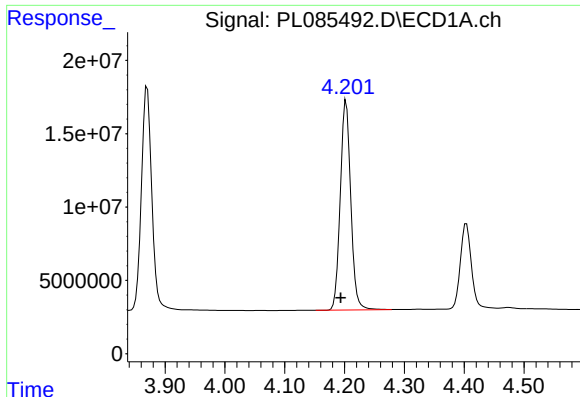
#2 alpha-BHC

R.T.: 3.870 min
Delta R.T.: 0.009 min
Response: 181487202
Conc: 49.68 ng/ml



#2 alpha-BHC

R.T.: 3.153 min
Delta R.T.: -0.001 min
Response: 85249344
Conc: 51.55 ng/ml



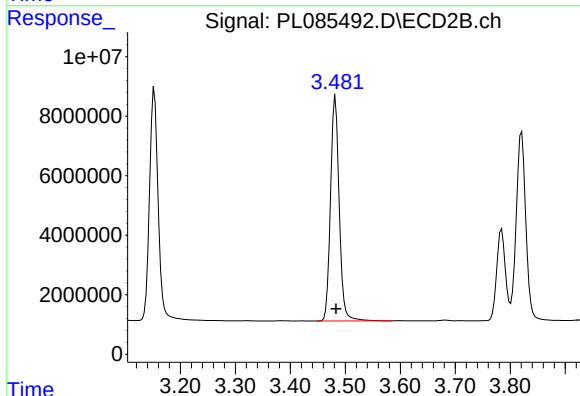
#3 gamma-BHC (Lindane)

R.T.: 4.203 min
Delta R.T.: 0.009 min
Response: 174894230
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

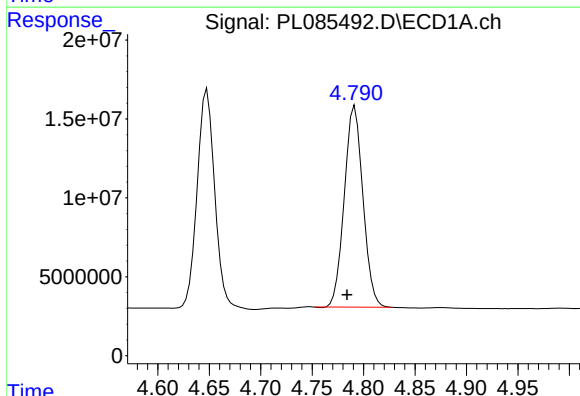
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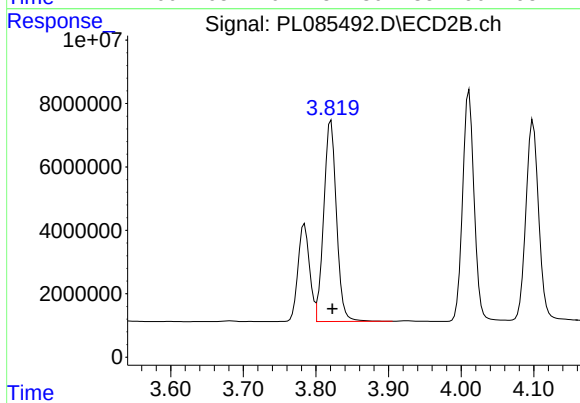
#3 gamma-BHC (Lindane)

R.T.: 3.482 min
Delta R.T.: -0.001 min
Response: 82750320
Conc: 51.61 ng/ml



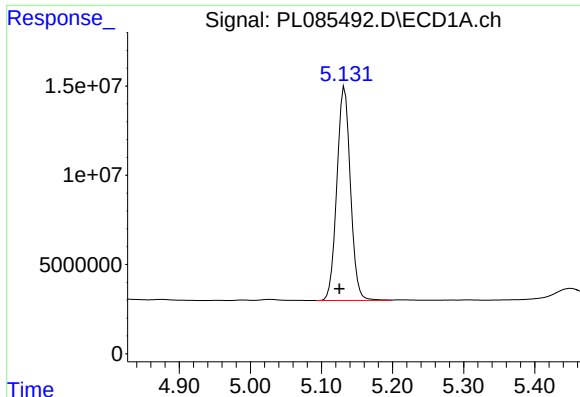
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: 0.008 min
Response: 160657450
Conc: 47.60 ng/ml



#4 Heptachlor

R.T.: 3.821 min
Delta R.T.: -0.002 min
Response: 77326767
Conc: 50.59 ng/ml



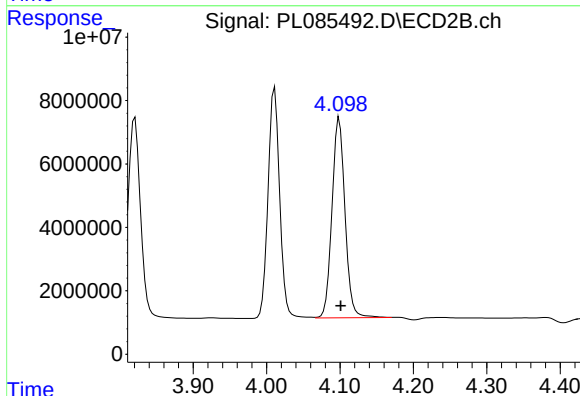
#5 Aldrin

R.T.: 5.132 min
Delta R.T.: 0.007 min
Response: 158679477
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

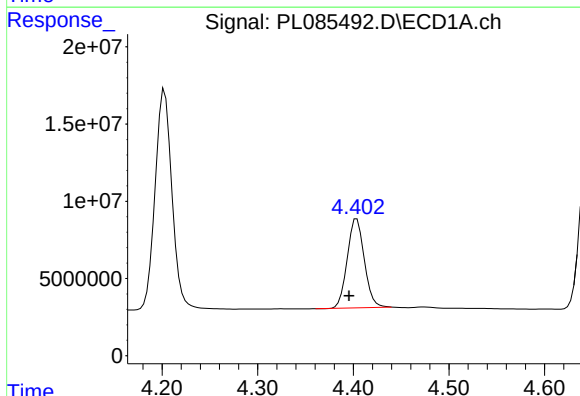
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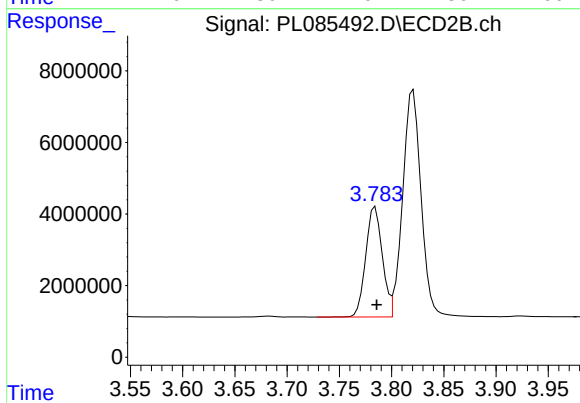
#5 Aldrin

R.T.: 4.099 min
Delta R.T.: -0.002 min
Response: 77842188
Conc: 51.01 ng/ml



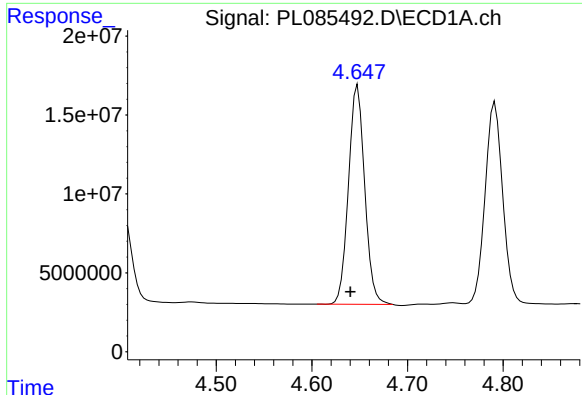
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: 0.008 min
Response: 71909125
Conc: 46.05 ng/ml



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: -0.001 min
Response: 33886426
Conc: 50.24 ng/ml



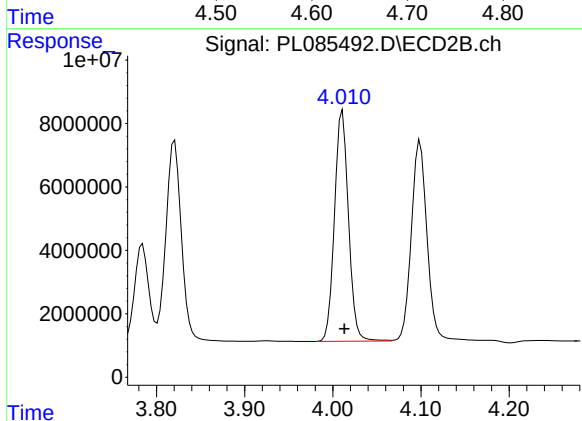
#7 delta-BHC

R.T.: 4.648 min
Delta R.T.: 0.008 min
Response: 164335155
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

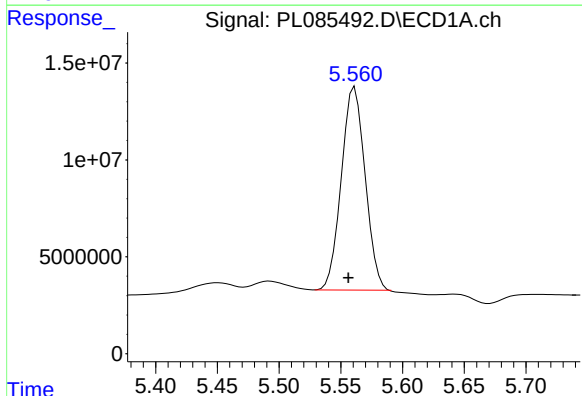
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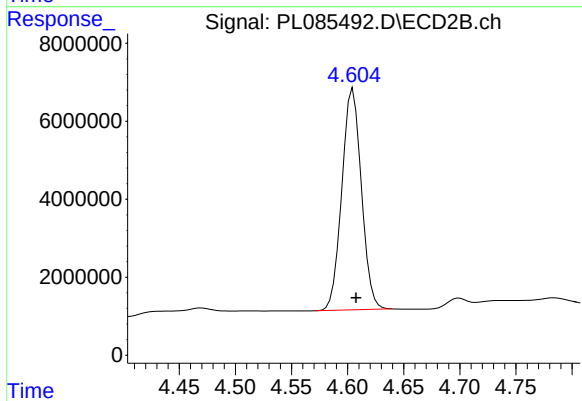
#7 delta-BHC

R.T.: 4.011 min
Delta R.T.: -0.002 min
Response: 80292206
Conc: 51.86 ng/ml



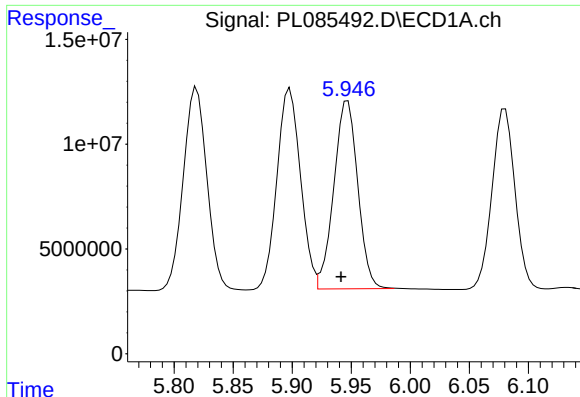
#8 Heptachlor epoxide

R.T.: 5.561 min
Delta R.T.: 0.005 min
Response: 140427296
Conc: 48.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 68801213
Conc: 51.04 ng/ml



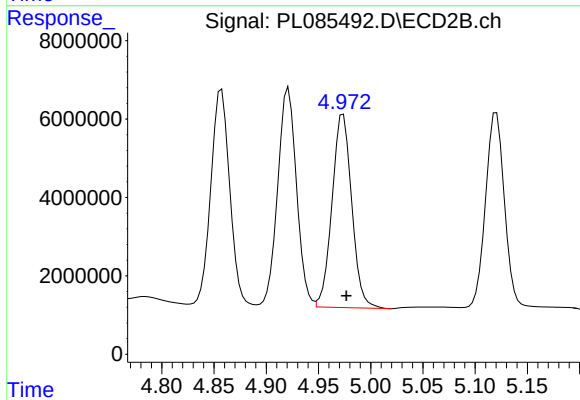
#9 Endosulfan I

R.T.: 5.946 min
Delta R.T.: 0.004 min
Response: 126098583
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

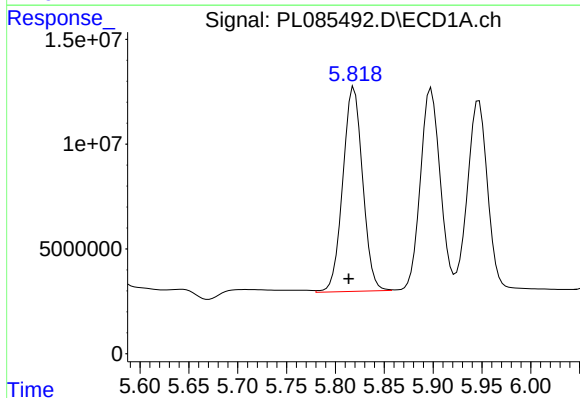
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Supervised By :Ankita Jodhani 09/26/2023



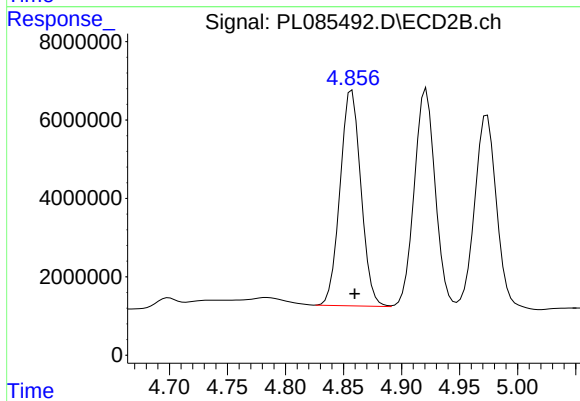
#9 Endosulfan I

R.T.: 4.974 min
Delta R.T.: -0.003 min
Response: 64722063
Conc: 50.66 ng/ml



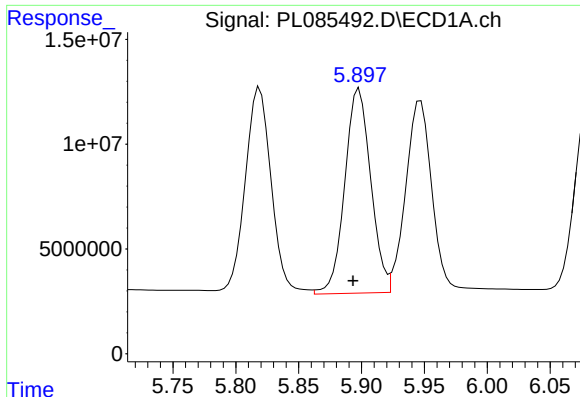
#10 gamma-Chlordane

R.T.: 5.818 min
Delta R.T.: 0.004 min
Response: 137577202
Conc: 47.41 ng/ml m



#10 gamma-Chlordane

R.T.: 4.857 min
Delta R.T.: -0.002 min
Response: 68840733
Conc: 51.32 ng/ml



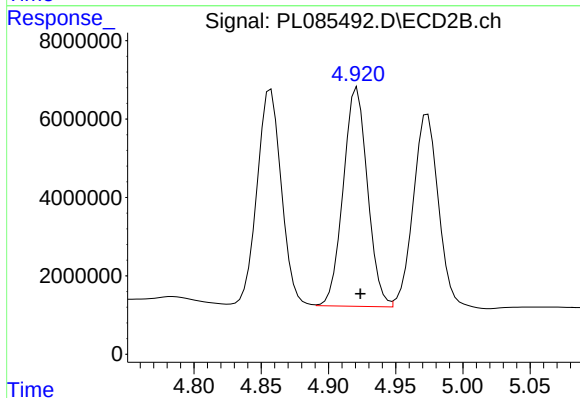
#11 alpha-Chlordane

R.T.: 5.898 min
Delta R.T.: 0.005 min
Response: 140412916
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

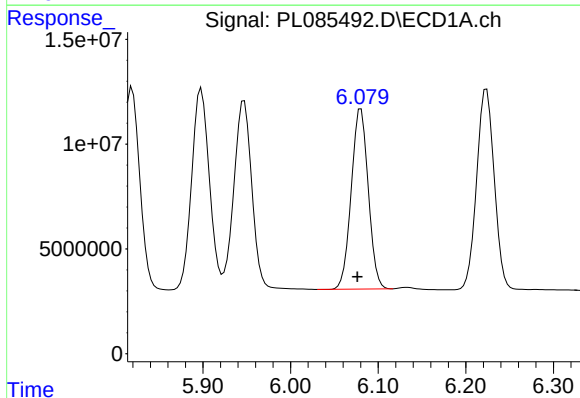
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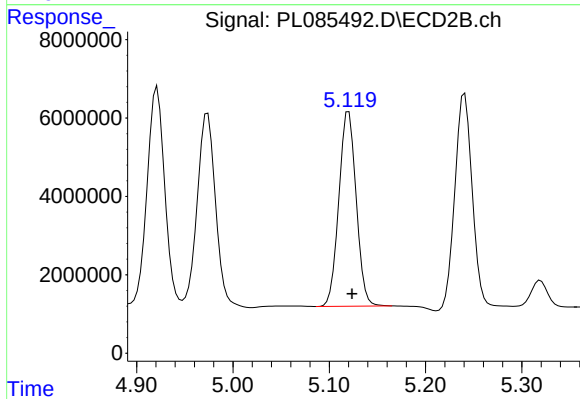
#11 alpha-Chlordane

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 69994507
Conc: 50.91 ng/ml



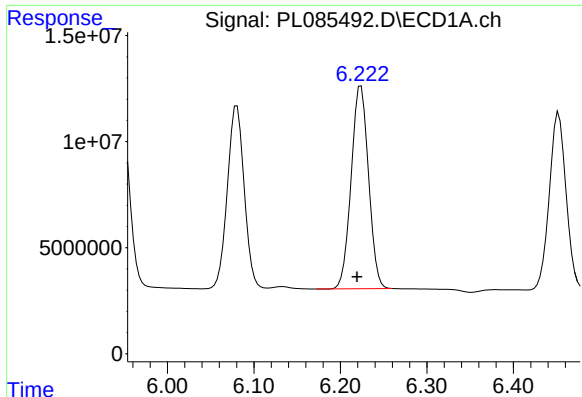
#12 4,4'-DDE

R.T.: 6.080 min
Delta R.T.: 0.004 min
Response: 116025502
Conc: 46.71 ng/ml



#12 4,4'-DDE

R.T.: 5.120 min
Delta R.T.: -0.003 min
Response: 62019121
Conc: 51.52 ng/ml



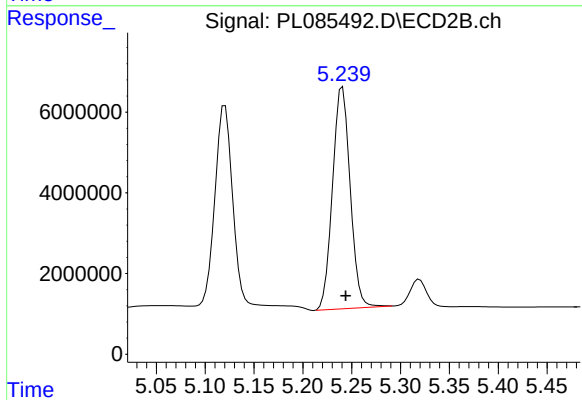
#13 Dieldrin

R.T.: 6.224 min
Delta R.T.: 0.004 min
Response: 133113278
Conc: 46.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

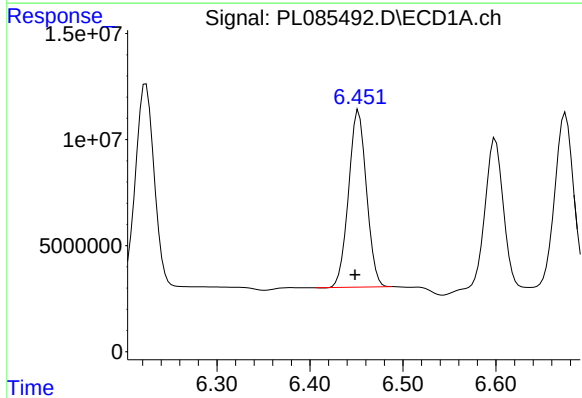
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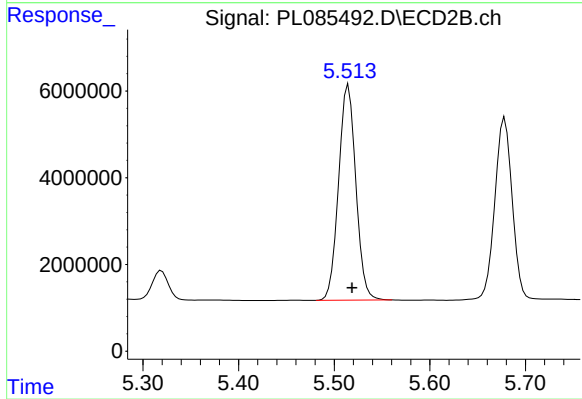
#13 Dieldrin

R.T.: 5.241 min
Delta R.T.: -0.003 min
Response: 69208897
Conc: 50.65 ng/ml



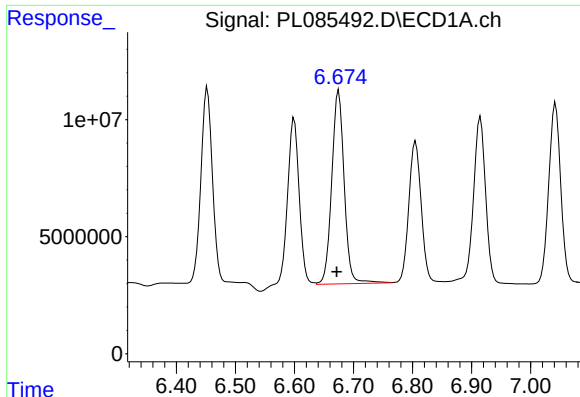
#14 Endrin

R.T.: 6.452 min
Delta R.T.: 0.004 min
Response: 111445428
Conc: 46.77 ng/ml



#14 Endrin

R.T.: 5.515 min
Delta R.T.: -0.004 min
Response: 62395311
Conc: 51.67 ng/ml



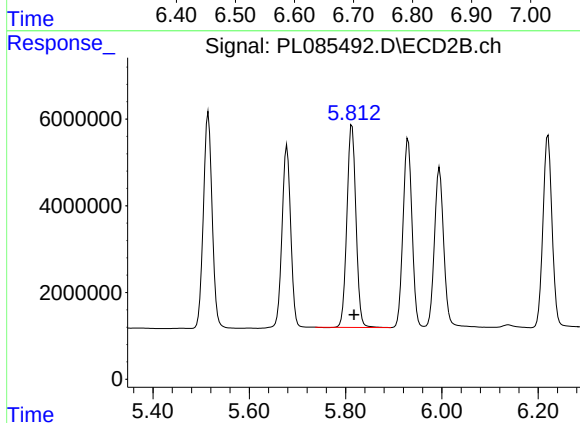
#15 Endosulfan II

R.T.: 6.675 min
Delta R.T.: 0.003 min
Response: 121206376
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

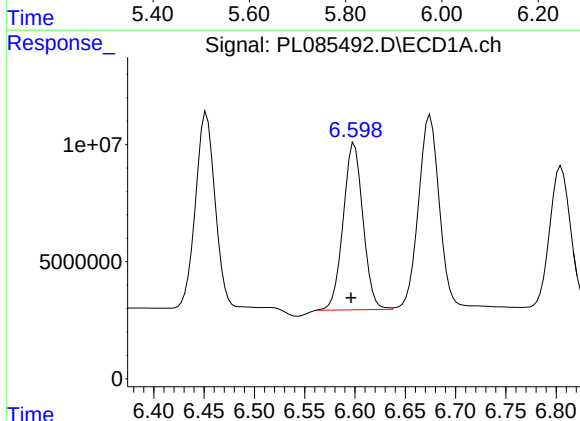
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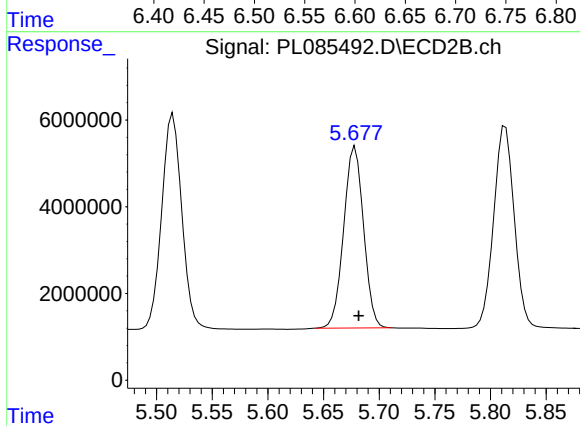
#15 Endosulfan II

R.T.: 5.813 min
Delta R.T.: -0.004 min
Response: 60420394
Conc: 50.15 ng/ml



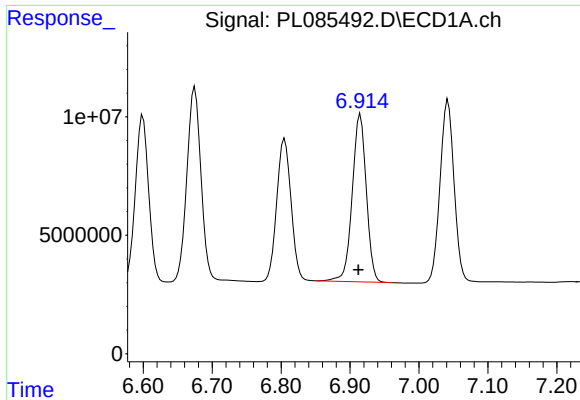
#16 4,4'-DDD

R.T.: 6.599 min
Delta R.T.: 0.003 min
Response: 97443845
Conc: 48.59 ng/ml



#16 4,4'-DDD

R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 52040894
Conc: 51.89 ng/ml



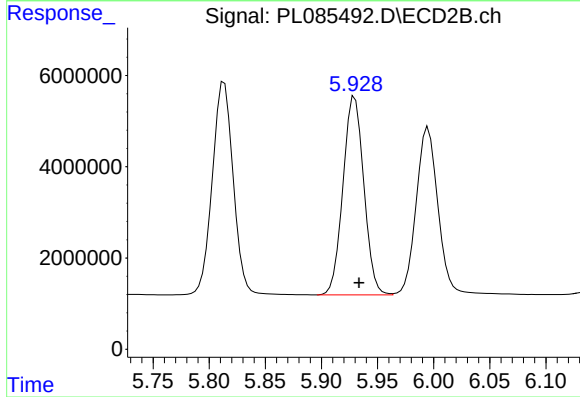
#17 4,4'-DDT

R.T.: 6.915 min
Delta R.T.: 0.003 min
Response: 100224302
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

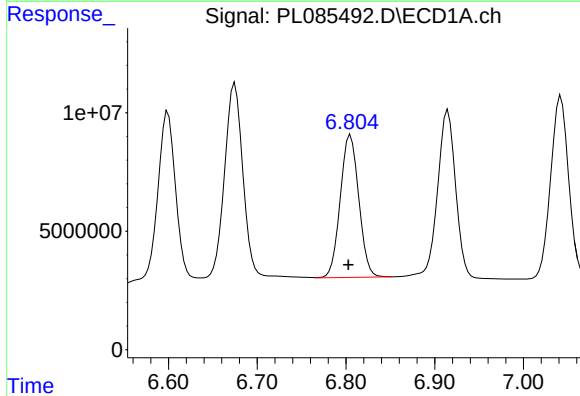
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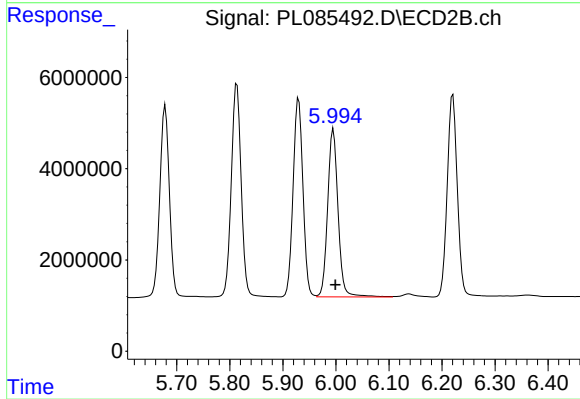
#17 4,4'-DDT

R.T.: 5.930 min
Delta R.T.: -0.004 min
Response: 56277474
Conc: 52.41 ng/ml



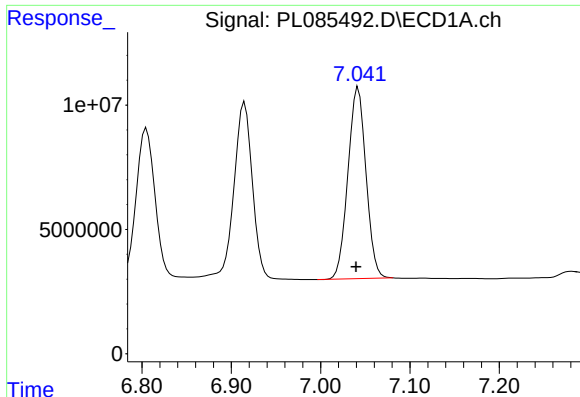
#18 Endrin aldehyde

R.T.: 6.805 min
Delta R.T.: 0.002 min
Response: 87239373
Conc: 48.38 ng/ml



#18 Endrin aldehyde

R.T.: 5.995 min
Delta R.T.: -0.004 min
Response: 50407333
Conc: 51.28 ng/ml



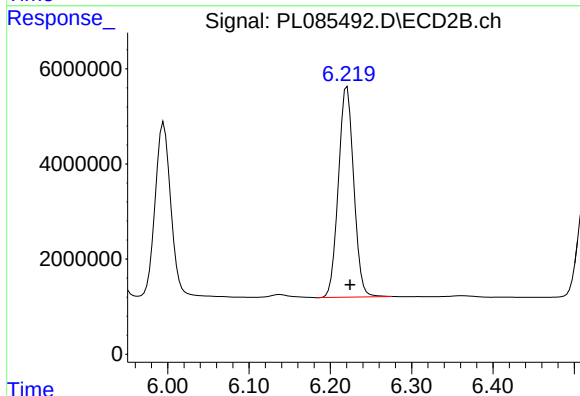
#19 Endosulfan Sulfate

R.T.: 7.042 min
Delta R.T.: 0.003 min
Response: 108296339
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

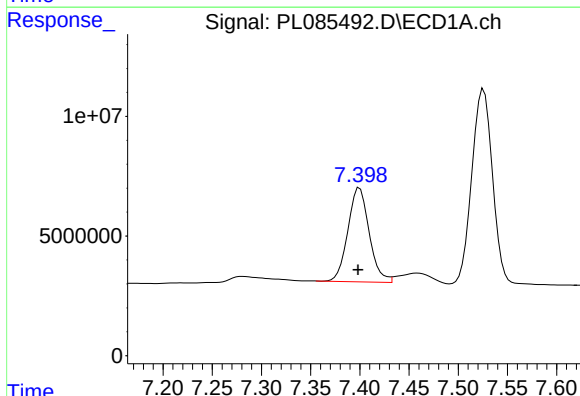
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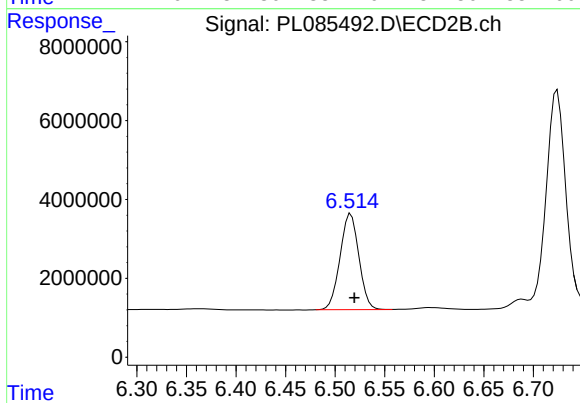
#19 Endosulfan Sulfate

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 57998064
Conc: 51.19 ng/ml



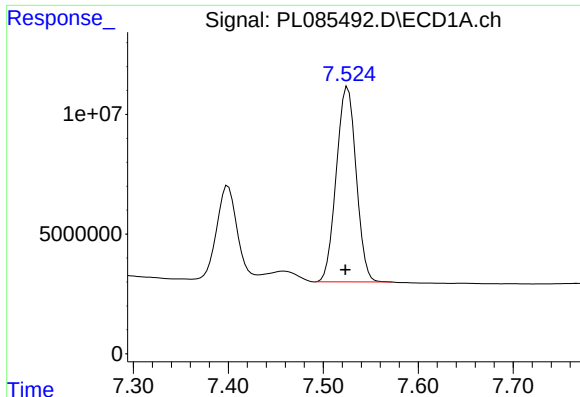
#20 Methoxychlor

R.T.: 7.400 min
Delta R.T.: 0.002 min
Response: 59276469
Conc: 44.50 ng/ml



#20 Methoxychlor

R.T.: 6.516 min
Delta R.T.: -0.004 min
Response: 32221101
Conc: 50.82 ng/ml



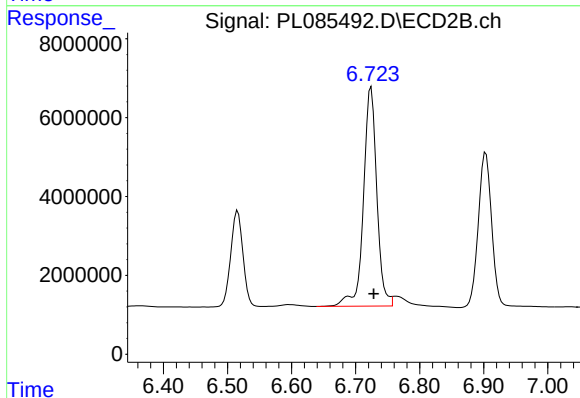
#21 Endrin ketone

R.T.: 7.526 min
Delta R.T.: 0.003 min
Response: 118529334
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

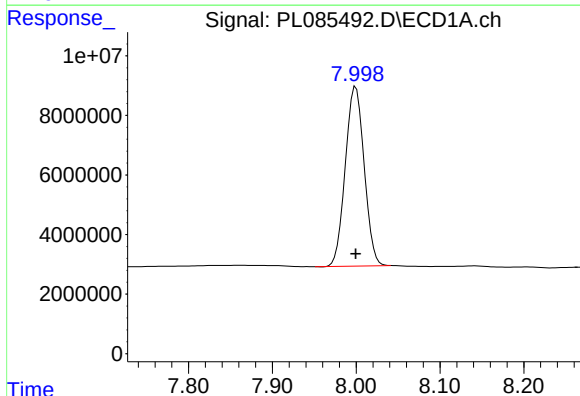
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Reviewed By :Abdul Mirza 09/26/2023
Supervised By :Ankita Jodhani 09/26/2023



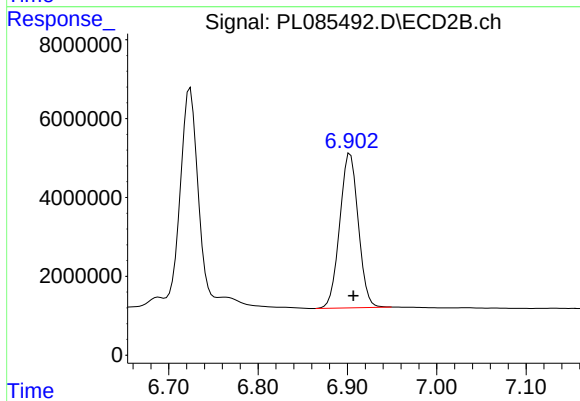
#21 Endrin ketone

R.T.: 6.724 min
Delta R.T.: -0.004 min
Response: 80563775
Conc: 51.47 ng/ml



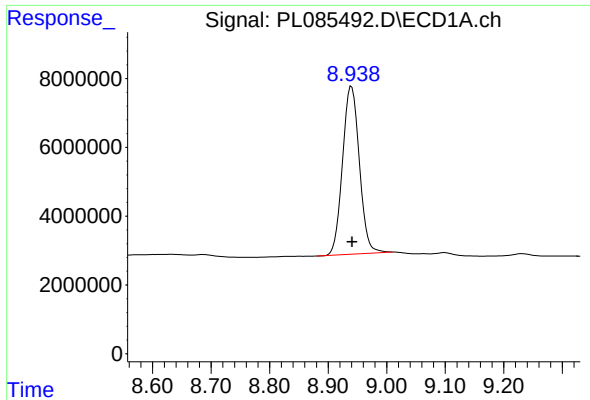
#22 Mirex

R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 94478103
Conc: 47.80 ng/ml



#22 Mirex

R.T.: 6.903 min
Delta R.T.: -0.003 min
Response: 56435773
Conc: 49.95 ng/ml



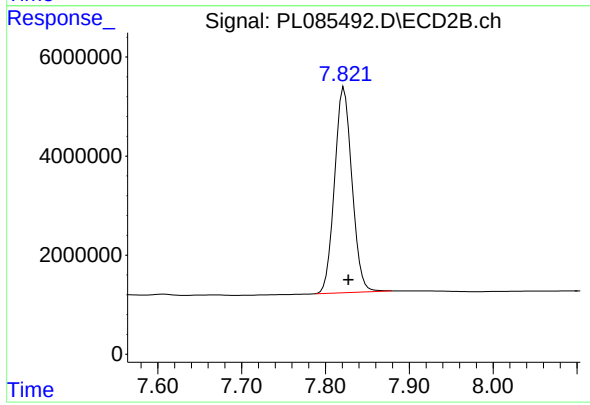
#28 Decachlorobiphenyl

R.T.: 8.940 min
Delta R.T.: 0.000 min
Response: 97518550
Conc: 47.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/26/2023
Supervised By :Ankita Jodhani 09/26/2023



#28 Decachlorobiphenyl

R.T.: 7.822 min
Delta R.T.: -0.005 min
Response: 59802411
Conc: 50.37 ng/ml