

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102323\
 Data File : PL086094.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2023 13:14
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/24/2023
 Supervised By :Ankita Jodhani 10/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 21:36:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.621	129.0E6	41167769	43.389	44.072
28)	SA Decachlor...	8.856	7.773	107.6E6	43303334	49.400	46.917
Target Compounds							
2)	A alpha-BHC	3.809	3.119	191.2E6	56993875	44.541	45.300
3)	MA gamma-BHC...	4.140	3.447	185.1E6	56900925	44.784	46.135
4)	MA Heptachlor	4.726	3.783	165.8E6	51890362	42.862m	44.615
5)	MB Aldrin	5.067	4.059	175.3E6	54335204	45.227	48.589
6)	B beta-BHC	4.344	3.749	77042958	24997573	46.590	48.018
7)	B delta-BHC	4.587	3.974	184.9E6	56285859	48.214	48.988
8)	B Heptachlo...	5.497	4.565	155.4E6	50313501	45.047	50.093
9)	A Endosulfan I	5.879	4.931	136.3E6	46582524	42.132m	43.424m
10)	B gamma-Chl...	5.754	4.816	151.7E6	52187087	44.324	52.694
11)	B alpha-Chl...	5.833	4.879	151.5E6	51932940	44.329	47.613
12)	B 4,4'-DDE	6.015	5.078	132.2E6	45767572	47.290m	55.737
13)	MA Dieldrin	6.156	5.197	145.6E6	49664293	44.300m	51.189
14)	MA Endrin	6.386	5.471	128.4E6	46069804	45.049	51.245
15)	B Endosulfa...	6.609	5.769	130.2E6	44431916	47.264	46.724
16)	A 4,4'-DDD	6.536	5.635	113.9E6	38452218	56.542	55.244
17)	MA 4,4'-DDT	6.850	5.885	112.0E6	40140815	47.533	50.763
18)	B Endrin al...	6.740	5.950	83576022	33406029	41.236	44.798
19)	B Endosulfa...	6.976	6.175	117.6E6	43903926	46.853	48.668
20)	A Methoxychlor	7.337	6.470	63637901	23789138	45.566	45.220
21)	B Endrin ke...	7.456	6.677	133.2E6	51105672	46.246m	44.462
22)	Mirex	7.931	6.854	94063393	41711240	42.486	44.224

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

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Instrument :

ECD_L

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PSTDCCC050

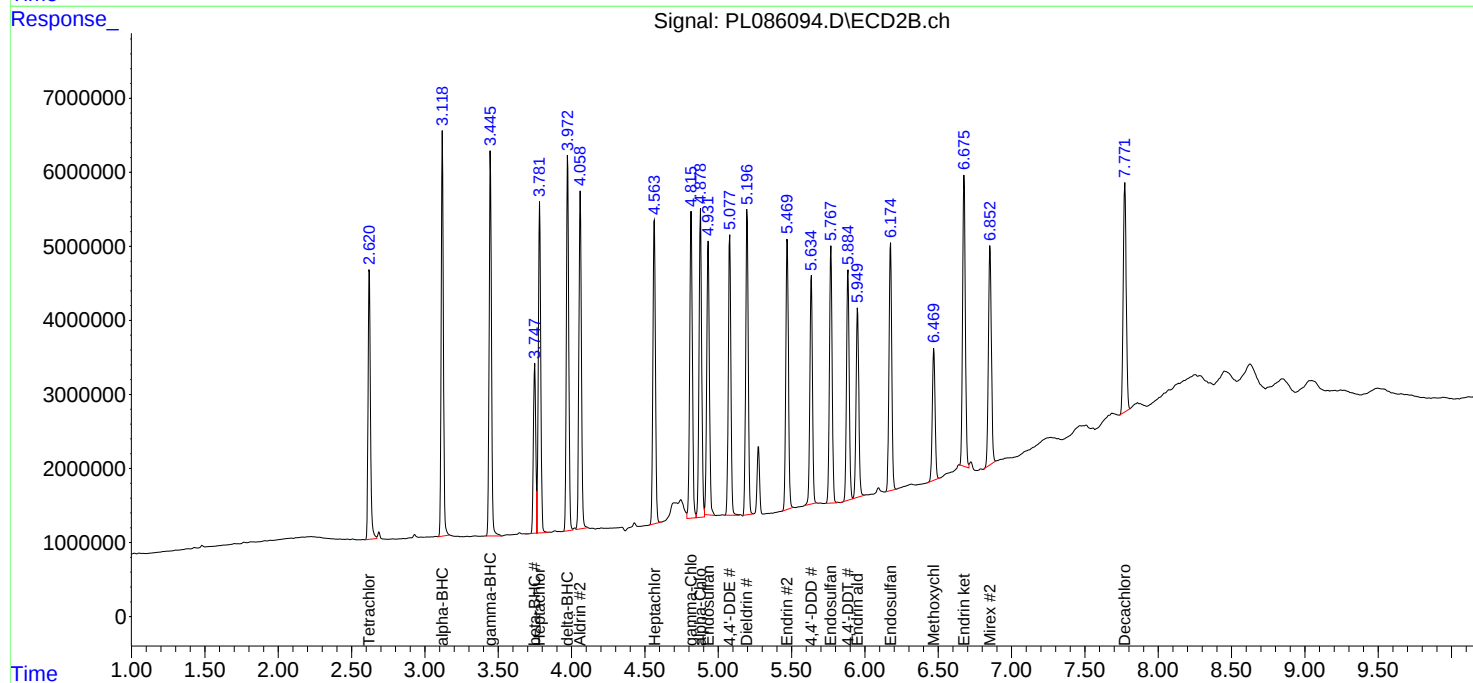
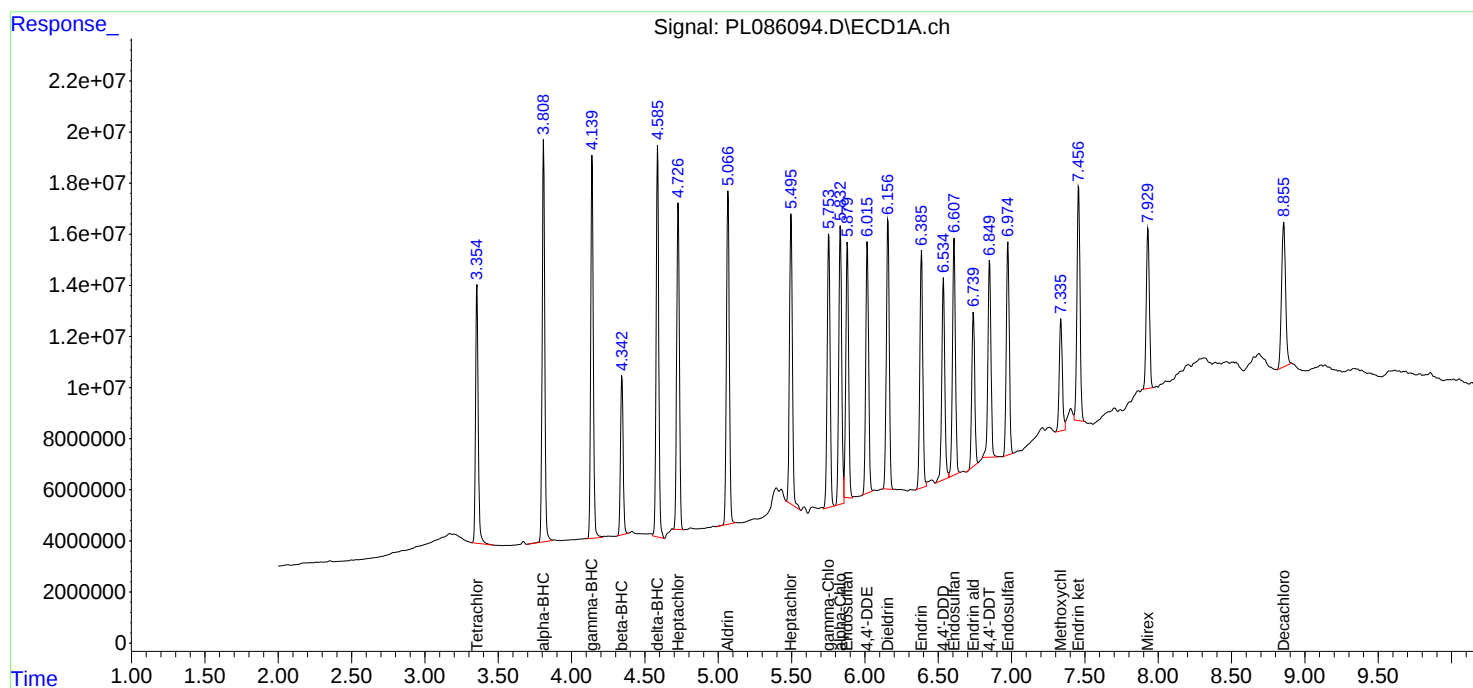
Manual Integrations

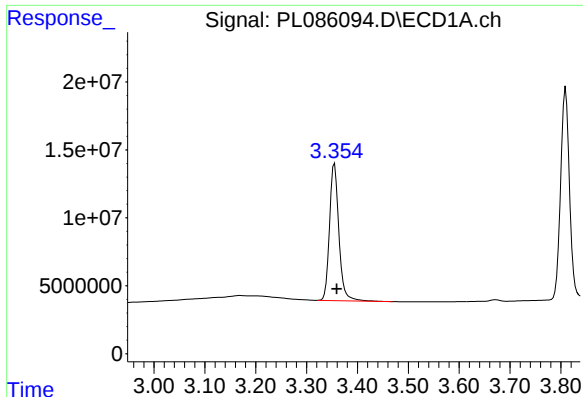
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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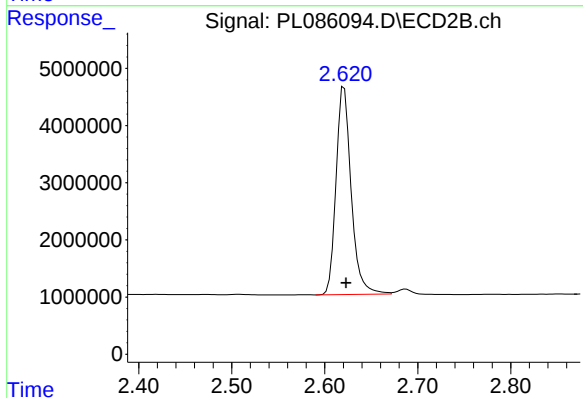
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 129046488
Conc: 43.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

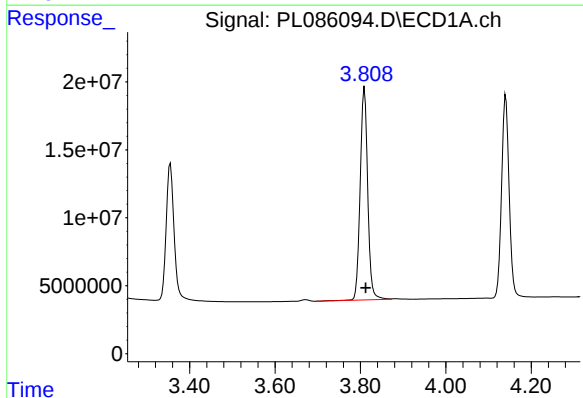
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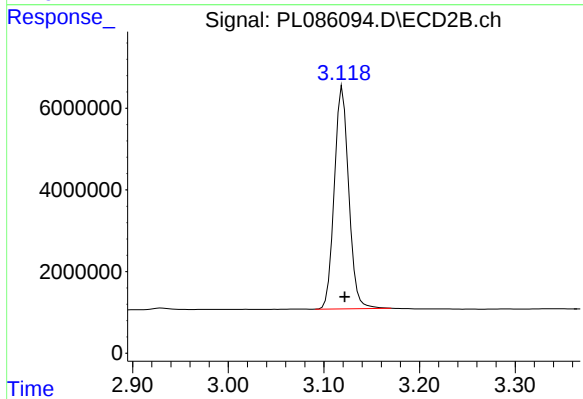
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 41167769
Conc: 44.07 ng/ml



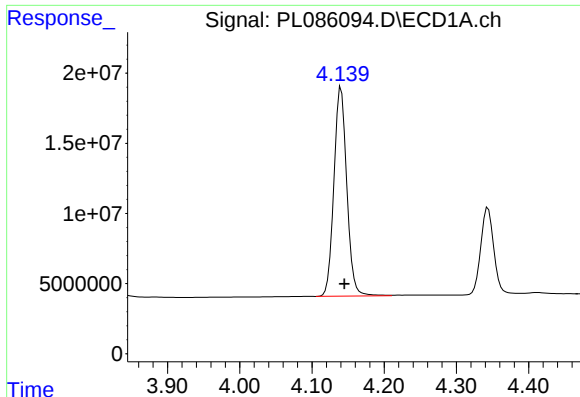
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 191165294
Conc: 44.54 ng/ml



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: -0.002 min
Response: 56993875
Conc: 45.30 ng/ml



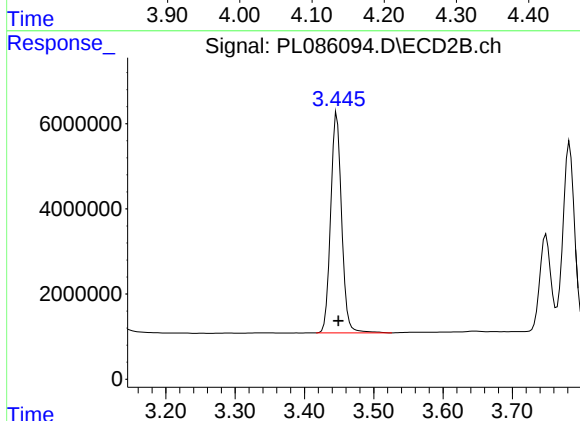
#3 gamma-BHC (Lindane)

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 185106314
Conc: 44.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

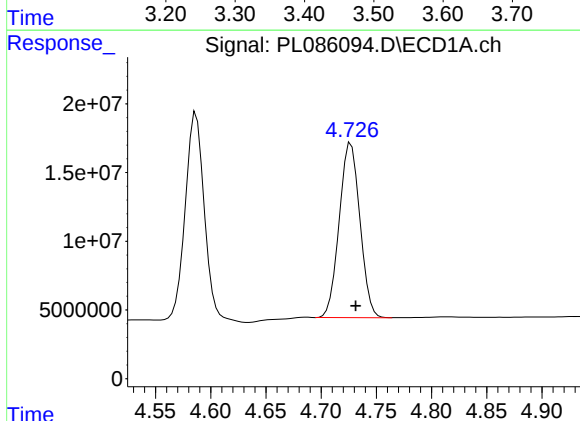
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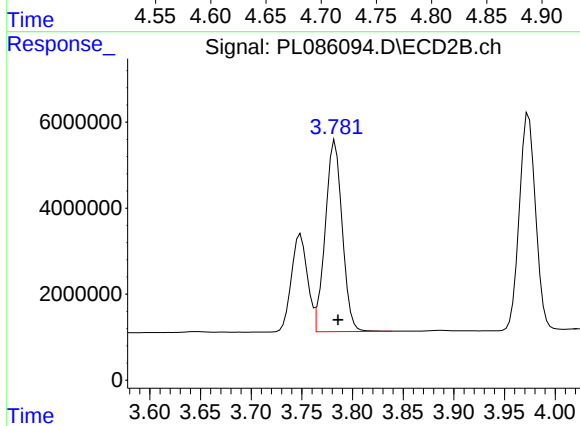
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 56900925
Conc: 46.14 ng/ml



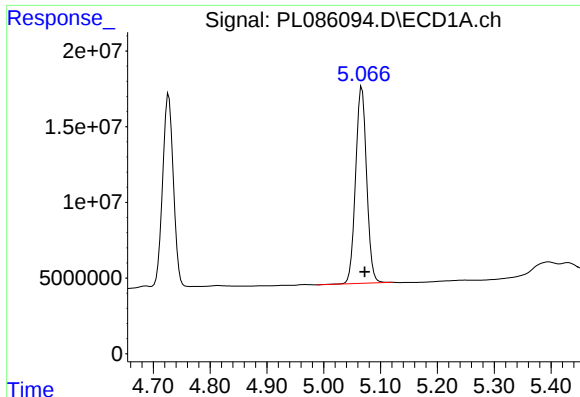
#4 Heptachlor

R.T.: 4.726 min
Delta R.T.: -0.006 min
Response: 165775270
Conc: 42.86 ng/ml m



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.003 min
Response: 51890362
Conc: 44.62 ng/ml



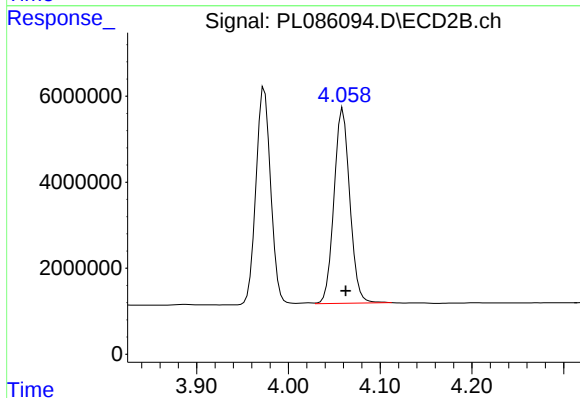
#5 Aldrin

R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 175313875
Conc: 45.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

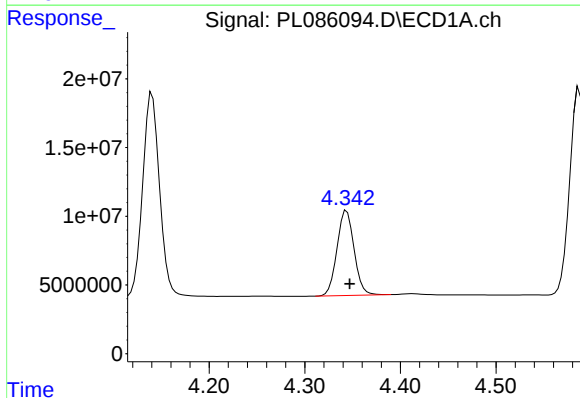
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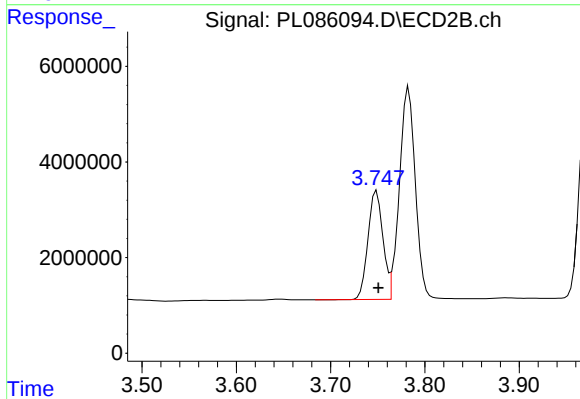
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 54335204
Conc: 48.59 ng/ml



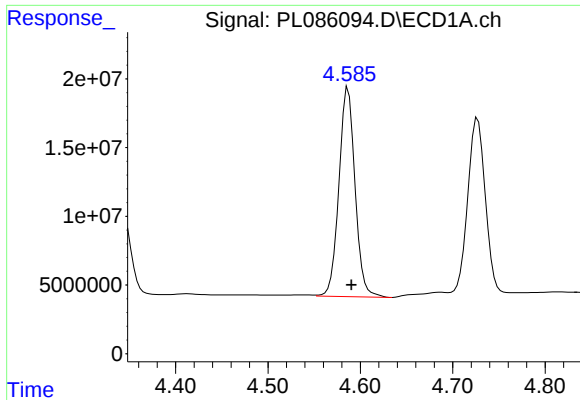
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 77042958
Conc: 46.59 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 24997573
Conc: 48.02 ng/ml



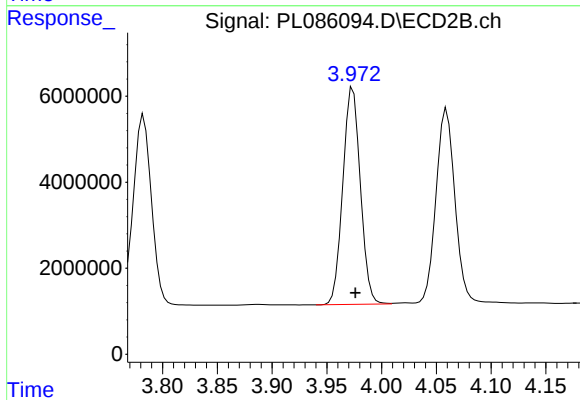
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 184871286
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

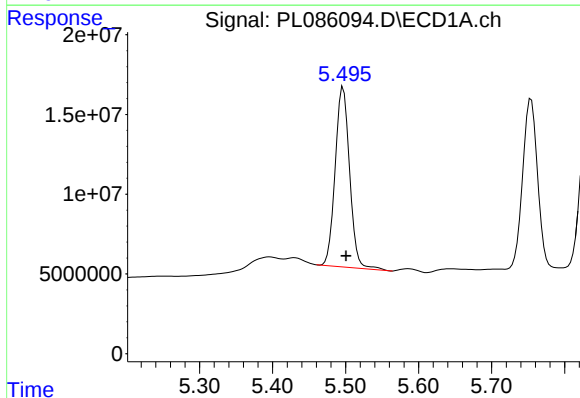
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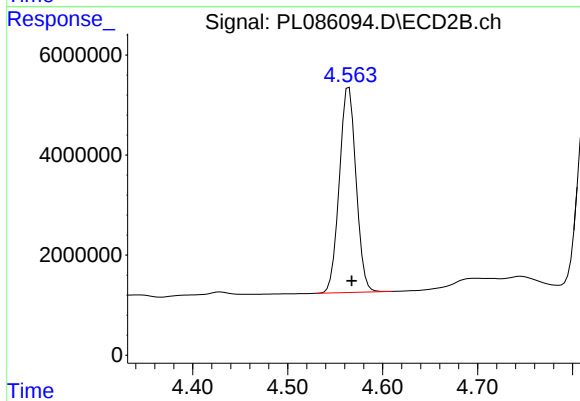
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 56285859
Conc: 48.99 ng/ml



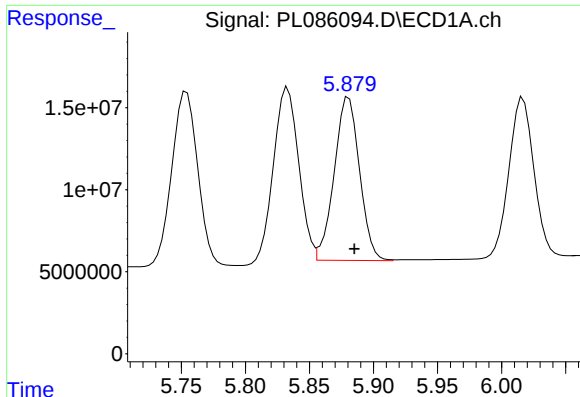
#8 Heptachlor epoxide

R.T.: 5.497 min
Delta R.T.: -0.004 min
Response: 155403406
Conc: 45.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.003 min
Response: 50313501
Conc: 50.09 ng/ml



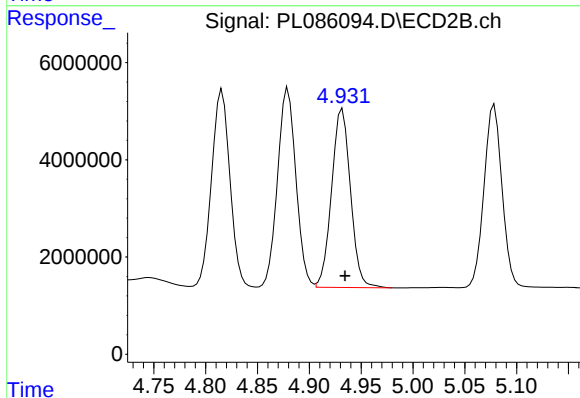
#9 Endosulfan I

R.T.: 5.879 min
Delta R.T.: -0.006 min
Response: 136255019
Conc: 42.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

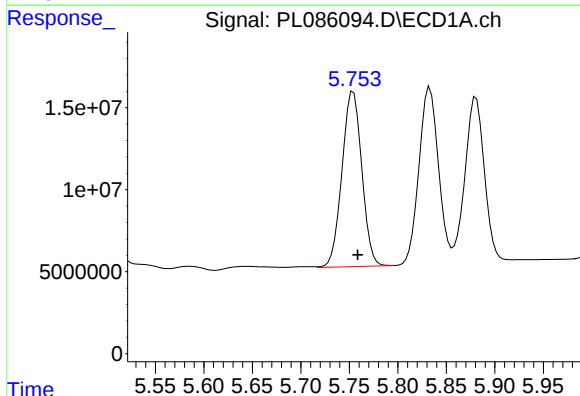
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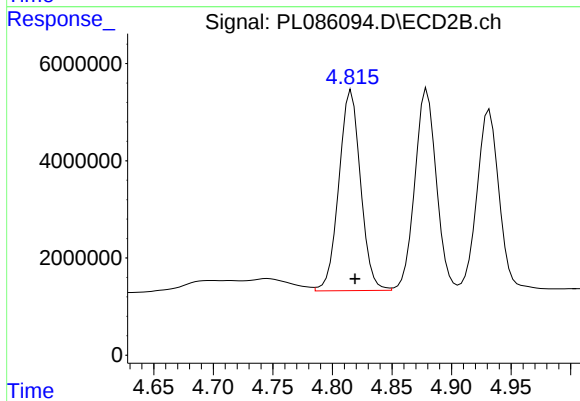
#9 Endosulfan I

R.T.: 4.931 min
Delta R.T.: -0.004 min
Response: 46582524
Conc: 43.42 ng/ml m



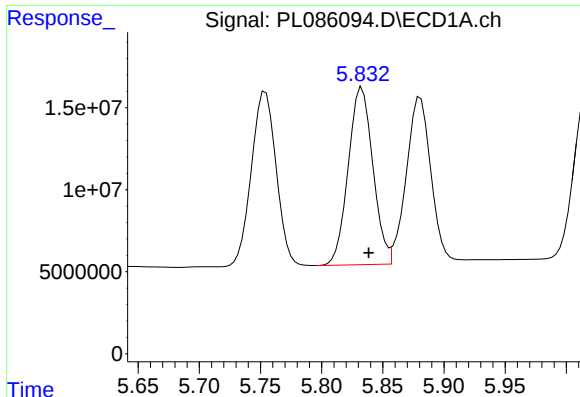
#10 gamma-Chlordane

R.T.: 5.754 min
Delta R.T.: -0.005 min
Response: 151651501
Conc: 44.32 ng/ml



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 52187087
Conc: 52.69 ng/ml



#11 alpha-Chlordane

R.T.: 5.833 min
Delta R.T.: -0.005 min
Response: 151501280
Conc: 44.33 ng/ml

Instrument :

ECD_L

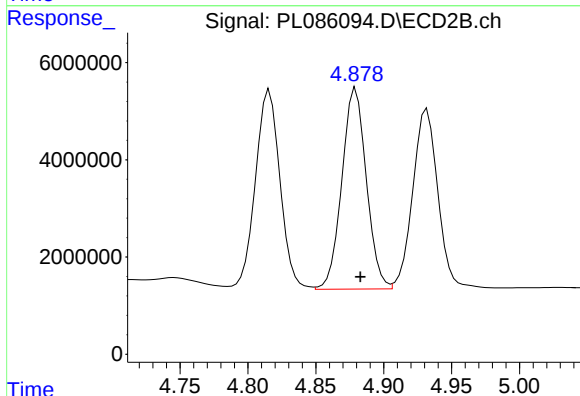
ClientSampleId :

PSTDCCC050

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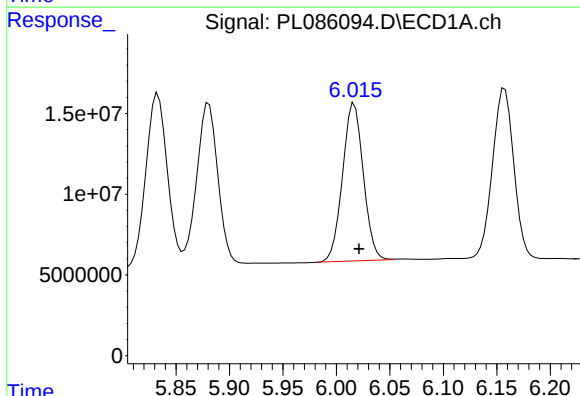
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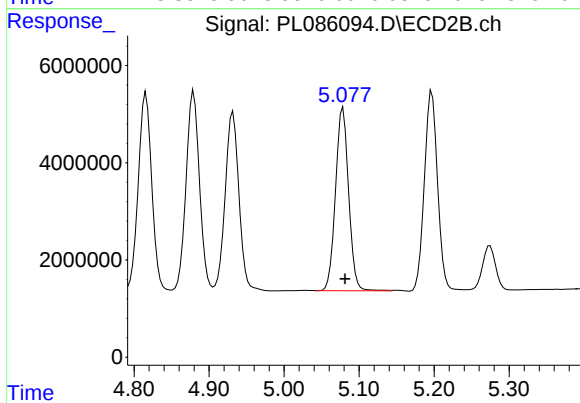
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.003 min
Response: 51932940
Conc: 47.61 ng/ml



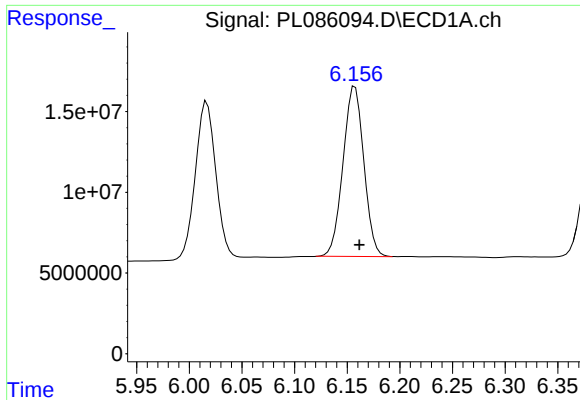
#12 4,4'-DDE

R.T.: 6.015 min
Delta R.T.: -0.006 min
Response: 132247337
Conc: 47.29 ng/ml m



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 45767572
Conc: 55.74 ng/ml



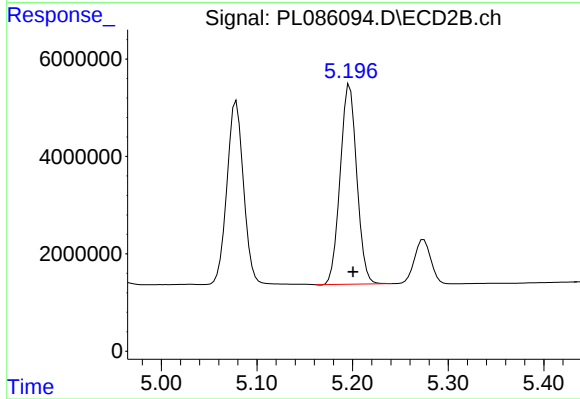
#13 Dieldrin

R.T.: 6.156 min
Delta R.T.: -0.005 min
Response: 145568462
Conc: 44.30 ng/ml

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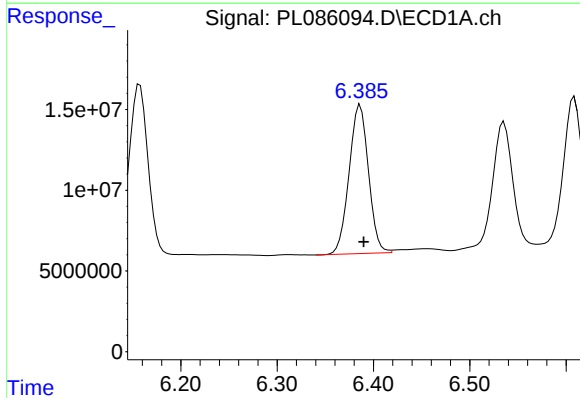
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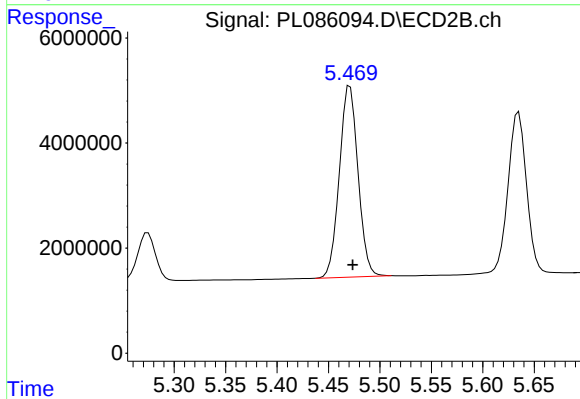
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.004 min
Response: 49664293
Conc: 51.19 ng/ml



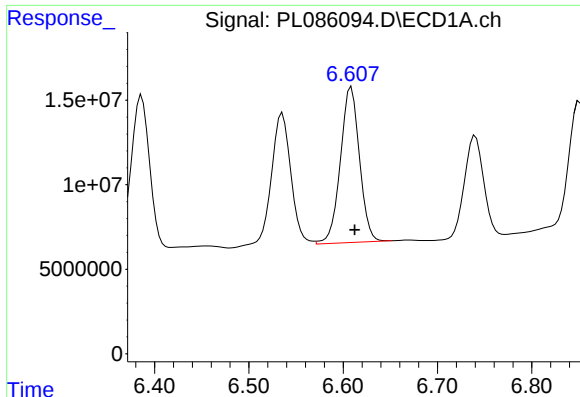
#14 Endrin

R.T.: 6.386 min
Delta R.T.: -0.004 min
Response: 128377648
Conc: 45.05 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 46069804
Conc: 51.25 ng/ml



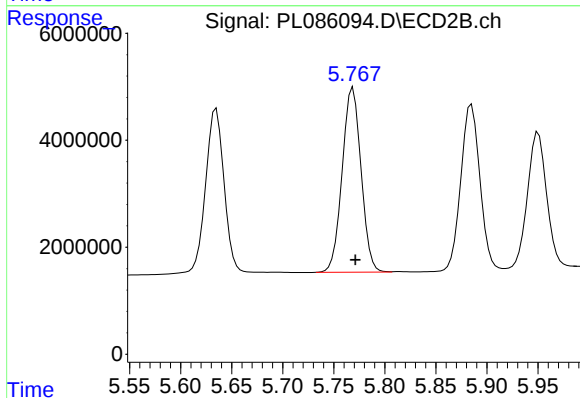
#15 Endosulfan II

R.T.: 6.609 min
Delta R.T.: -0.004 min
Response: 130235931
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

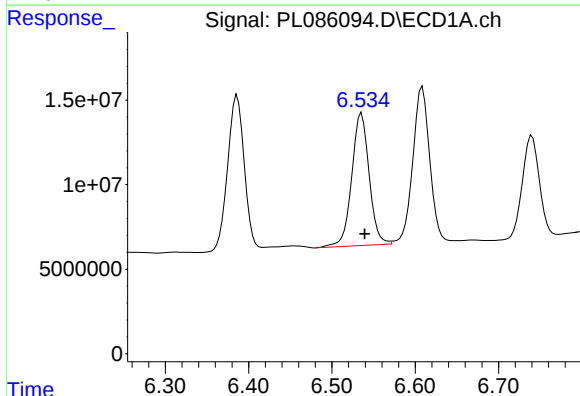
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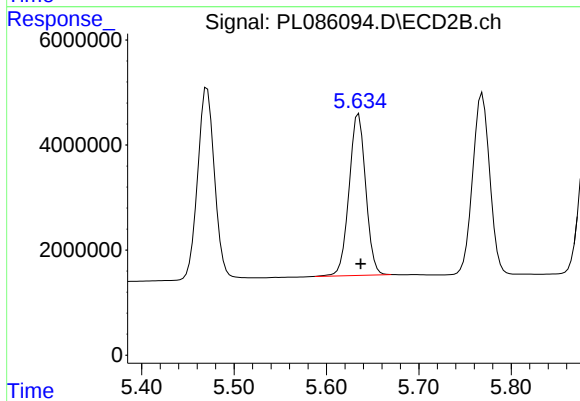
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 44431916
Conc: 46.72 ng/ml



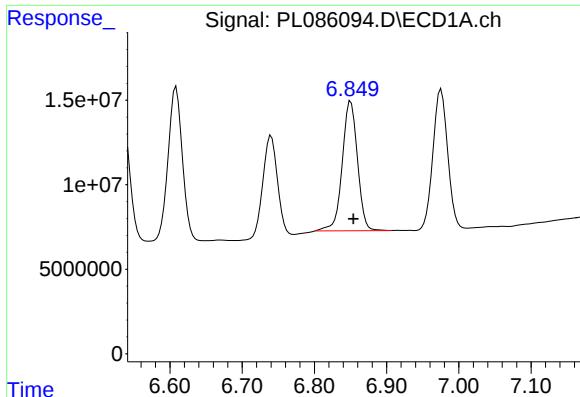
#16 4,4'-DDD

R.T.: 6.536 min
Delta R.T.: -0.004 min
Response: 113913842
Conc: 56.54 ng/ml



#16 4,4'-DDD

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 38452218
Conc: 55.24 ng/ml



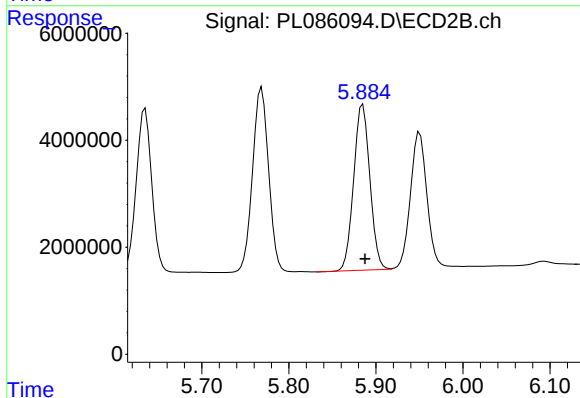
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 112039097
Conc: 47.53 ng/ml

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ECD_L
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PSTDCCC050

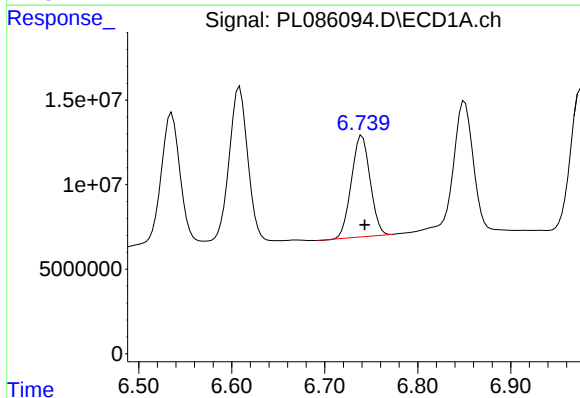
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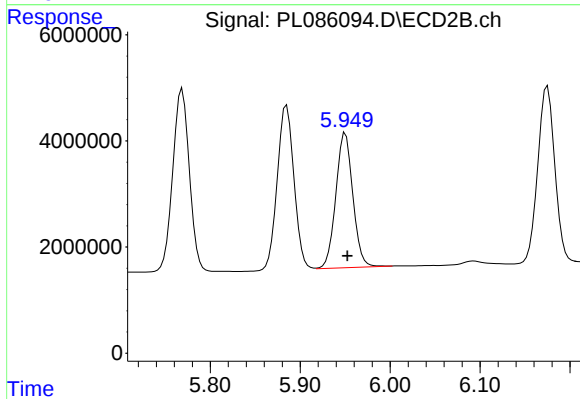
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 40140815
Conc: 50.76 ng/ml



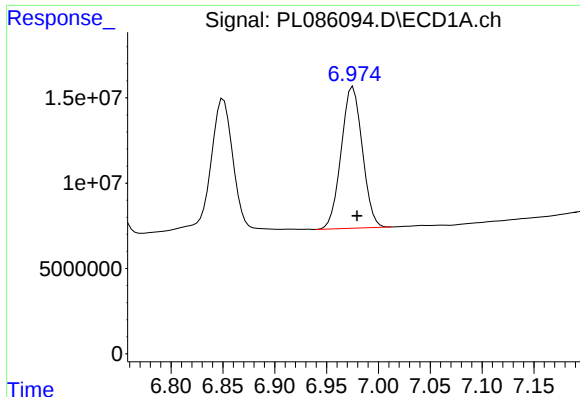
#18 Endrin aldehyde

R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 83576022
Conc: 41.24 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 33406029
Conc: 44.80 ng/ml



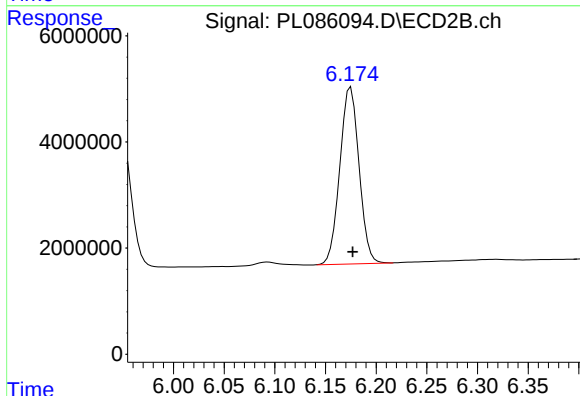
#19 Endosulfan Sulfate

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 117588206
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

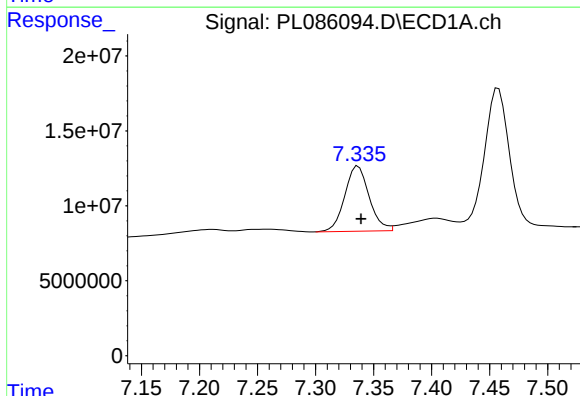
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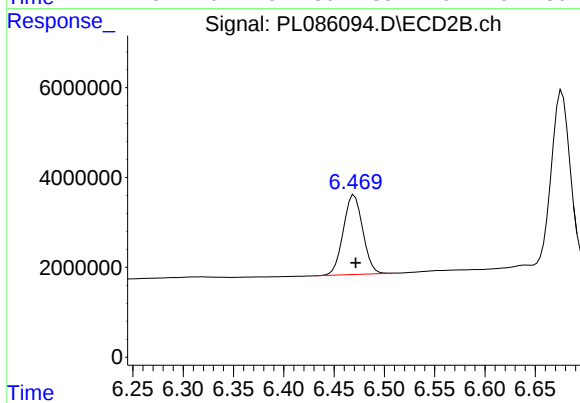
#19 Endosulfan Sulfate

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 43903926
Conc: 48.67 ng/ml



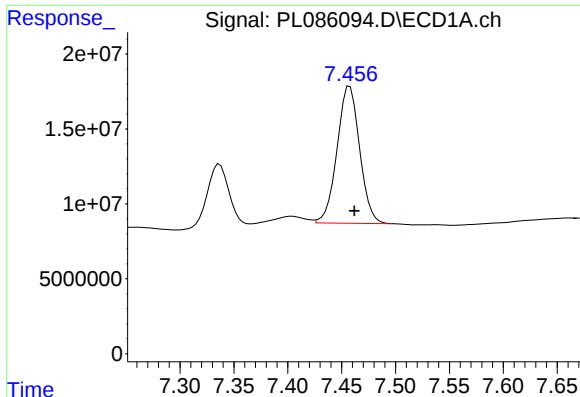
#20 Methoxychlor

R.T.: 7.337 min
Delta R.T.: -0.002 min
Response: 63637901
Conc: 45.57 ng/ml



#20 Methoxychlor

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 23789138
Conc: 45.22 ng/ml



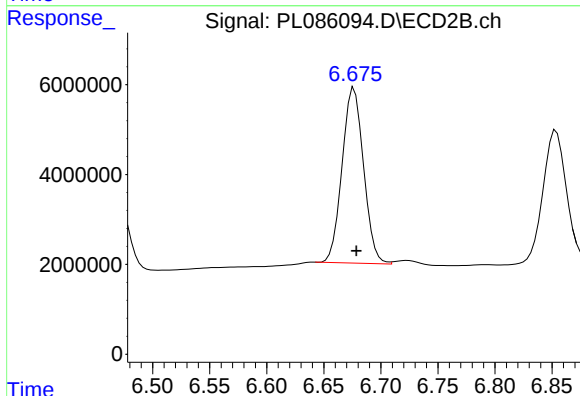
#21 Endrin ketone

R.T.: 7.456 min
Delta R.T.: -0.006 min
Response: 133201555
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

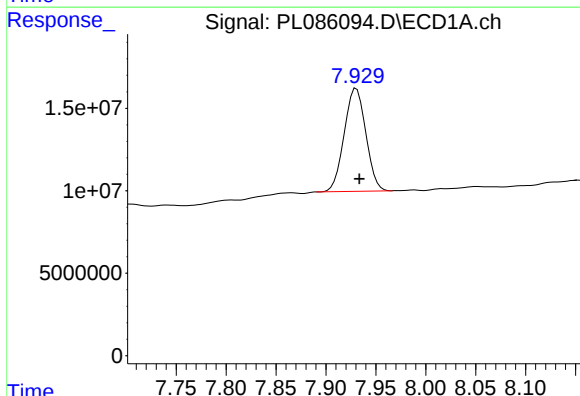
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/24/2023
Supervised By :Ankita Jodhani 10/24/2023



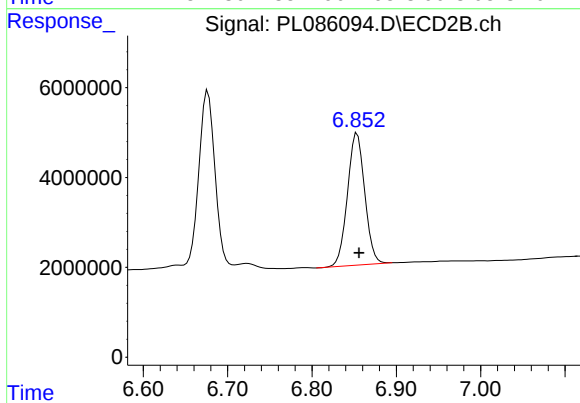
#21 Endrin ketone

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 51105672
Conc: 44.46 ng/ml



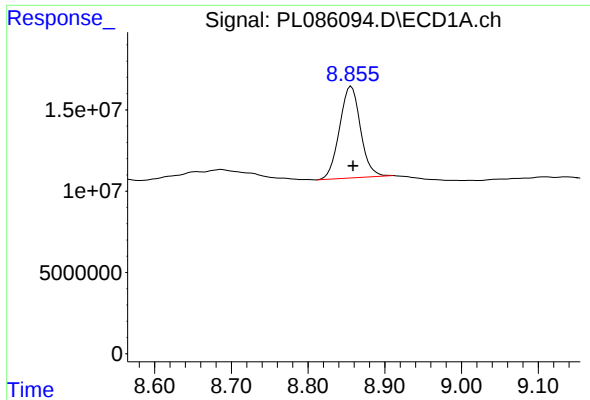
#22 Mirex

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 94063393
Conc: 42.49 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: -0.002 min
Response: 41711240
Conc: 44.22 ng/ml



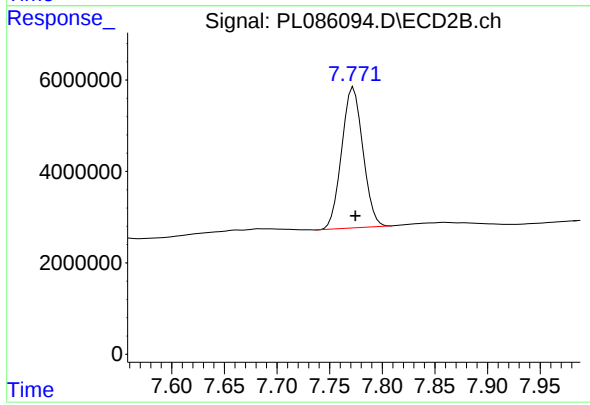
#28 Decachlorobiphenyl

R.T.: 8.856 min
Delta R.T.: -0.002 min
Response: 107595229
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/24/2023



#28 Decachlorobiphenyl

R.T.: 7.773 min
Delta R.T.: -0.002 min
Response: 43303334
Conc: 46.92 ng/ml