

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
 Data File : PL082742.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2023 19:09
 Operator : AR\AJ
 Sample : 02798-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WATERWITCH-AVE-SAMPLEMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/17/2023
 Supervised By : Ankita Jodhani 05/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 21:51:32 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...	3.319	2.641	52436510	45043887	19.630	19.443
28)	SA Decachlor...	8.738	7.750	29200255	28381552	15.295	12.434
Target Compounds							
2)	A alpha-BHC	3.768	3.137	189.9E6	153.7E6	47.712	45.156
3)	MA gamma-BHC...	4.096	3.464	180.0E6	144.2E6	48.133	44.837
4)	MA Heptachlor	4.674	3.796	153.9E6	130.2E6	42.113	38.031
5)	MB Aldrin	5.011	4.072	166.8E6	147.3E6	50.570	46.776
6)	B beta-BHC	4.300	3.763	80944600	62838180	47.461	46.055m
7)	B delta-BHC	4.541	3.990	158.2E6	129.0E6	43.974	42.043
8)	B Heptachlo...	5.437	4.573	147.5E6	128.8E6	48.342	44.724
9)	A Endosulfan I	5.818	4.941	128.2E6	113.9E6	46.249	42.654
10)	B gamma-Chl...	5.692	4.822	149.4E6	131.0E6	49.676	45.131
11)	B alpha-Chl...	5.769	4.885	142.5E6	128.8E6	47.749	44.381
12)	B 4,4'-DDE	5.949	5.075	125.5E6	109.6E6	49.361	47.666
13)	MA Dieldrin	6.092	5.203	139.8E6	125.7E6	50.674	46.565m
14)	MA Endrin	6.319	5.477	120.7E6	108.1E6	49.802	44.181m
15)	B Endosulfa...	6.542	5.776	115.3E6	105.1E6	47.371	46.638
16)	A 4,4'-DDD	6.464	5.630	105.1E6	89475833	51.849	47.838
17)	MA 4,4'-DDT	6.775	5.878	87092573	74586854	38.070	35.306
18)	B Endrin al...	6.673	5.955	54366591	46555430	28.854	24.878
19)	B Endosulfa...	6.906	6.178	107.8E6	92823177	45.448	39.427
20)	A Methoxychlor	7.256	6.456	43298582	45818073	35.481	37.809m
21)	B Endrin ke...	7.386	6.681	103.0E6	99780676	43.034	39.312m
22)	Mirex	7.850	6.853	91411764	92563786	46.726	40.171m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
Data File : PL082742.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2023 19:09
Operator : AR\AJ
Sample : 02798-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

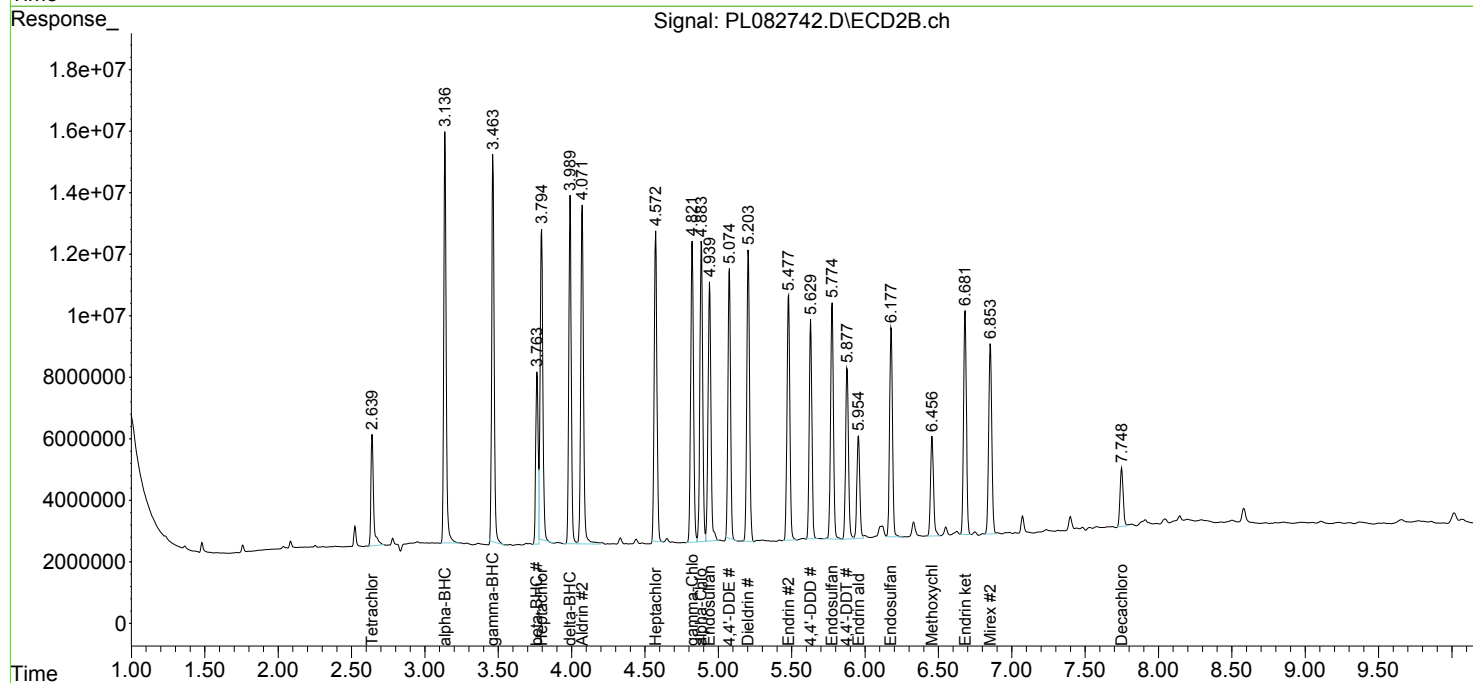
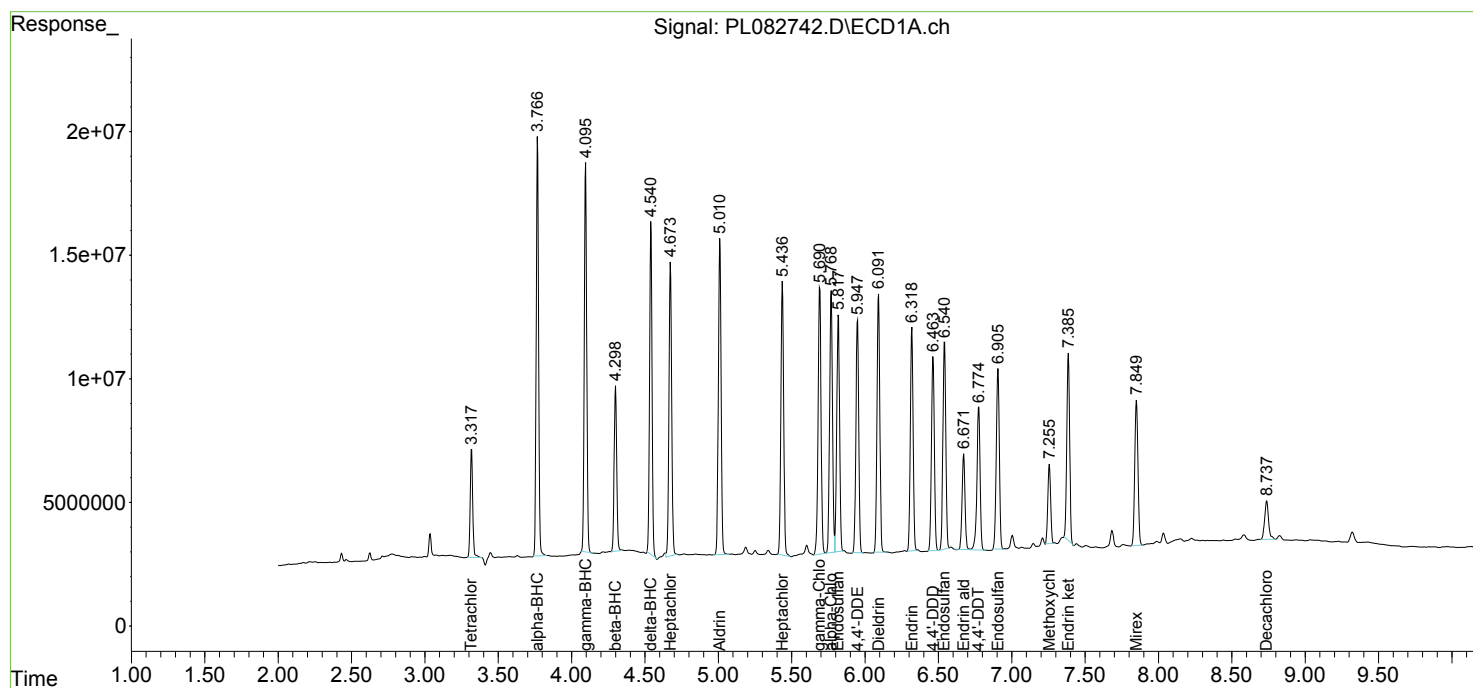
Instrument :
ECD_L
ClientSampleId :
WATERWATCH-AVE-SAMPLEMS

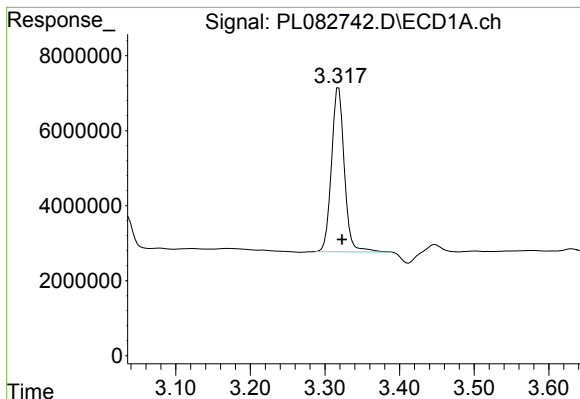
Manual Integrations
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Reviewed By :Abdul Mirza 05/17/2023
Supervised By :Ankita Jodhani 05/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 21:51:32 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





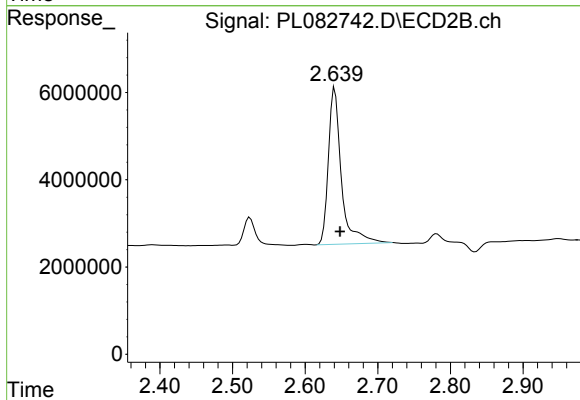
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 52436510
Conc: 19.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMS

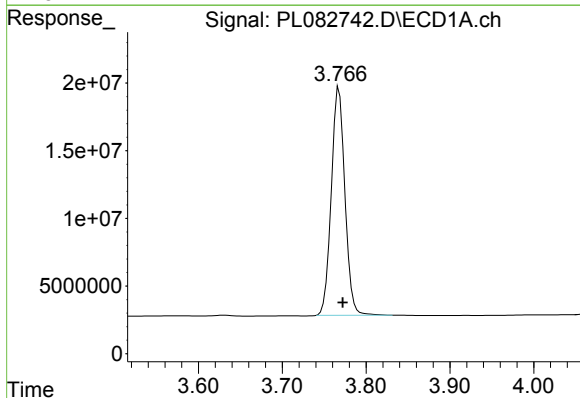
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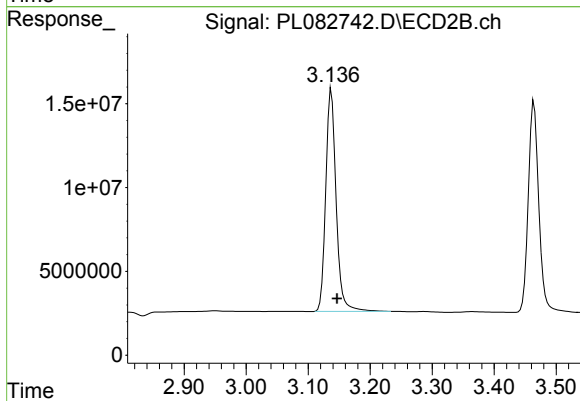
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 45043887
Conc: 19.44 ng/ml



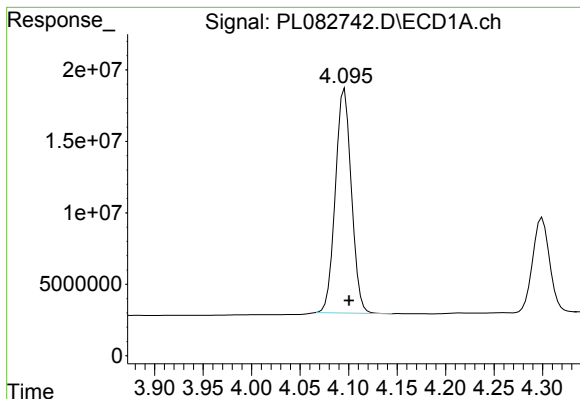
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 189905977
Conc: 47.71 ng/ml



#2 alpha-BHC

R.T.: 3.137 min
Delta R.T.: -0.009 min
Response: 153686784
Conc: 45.16 ng/ml



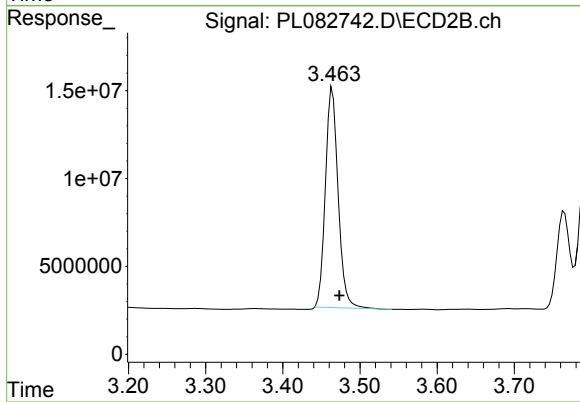
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 179966736
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMS

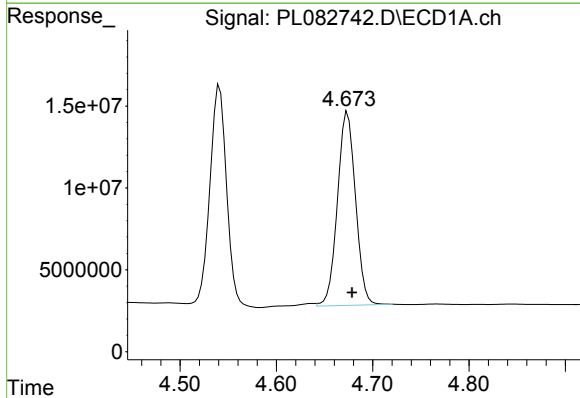
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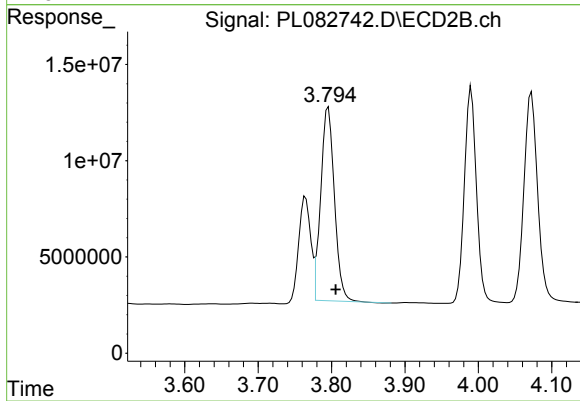
#3 gamma-BHC (Lindane)

R.T.: 3.464 min
Delta R.T.: -0.009 min
Response: 144163219
Conc: 44.84 ng/ml



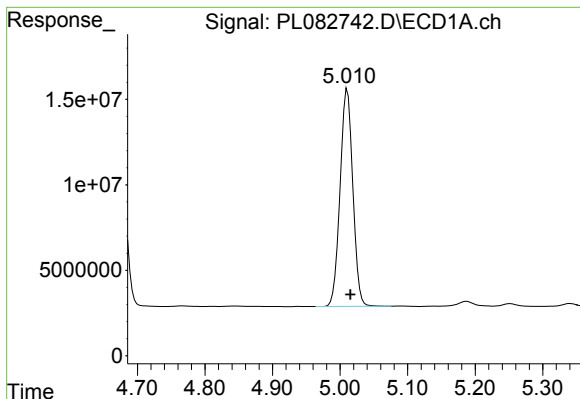
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 153878273
Conc: 42.11 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.010 min
Response: 130189432
Conc: 38.03 ng/ml



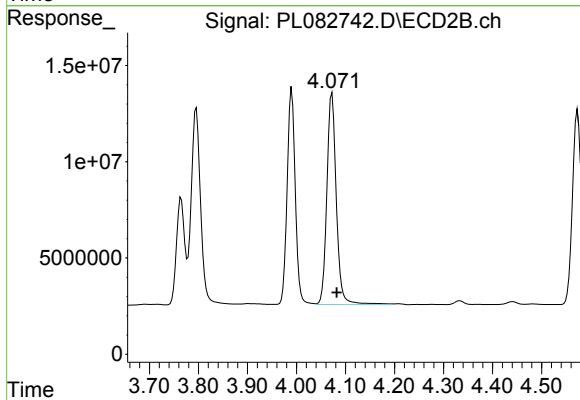
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 166757748
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMS

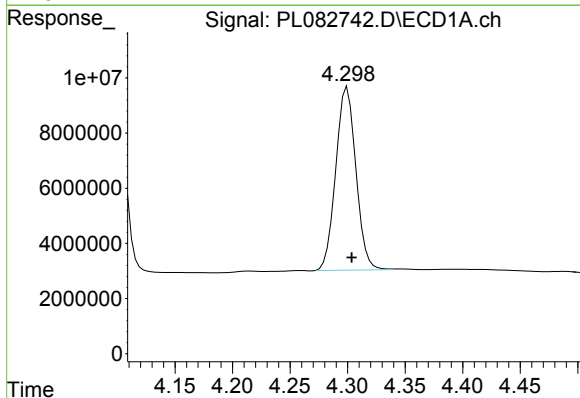
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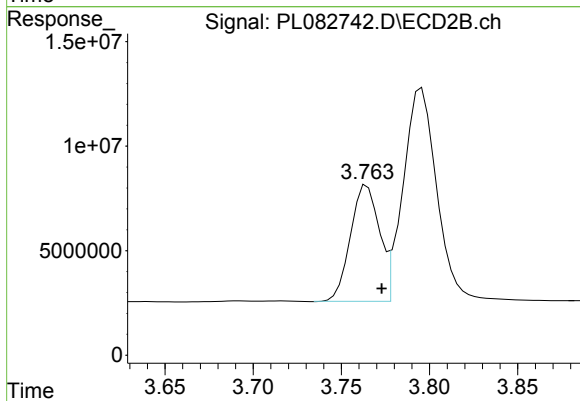
#5 Aldrin

R.T.: 4.072 min
Delta R.T.: -0.010 min
Response: 147339368
Conc: 46.78 ng/ml



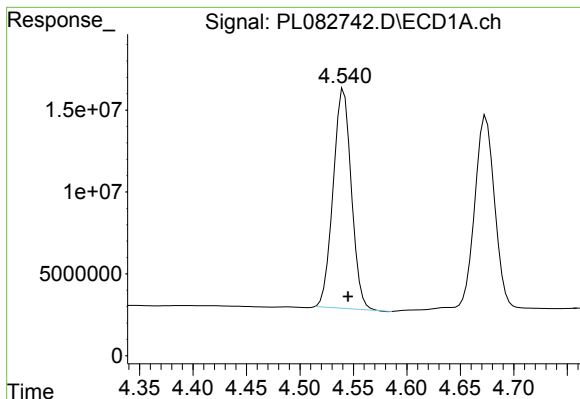
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 80944600
Conc: 47.46 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: -0.010 min
Response: 62838180
Conc: 46.06 ng/ml m



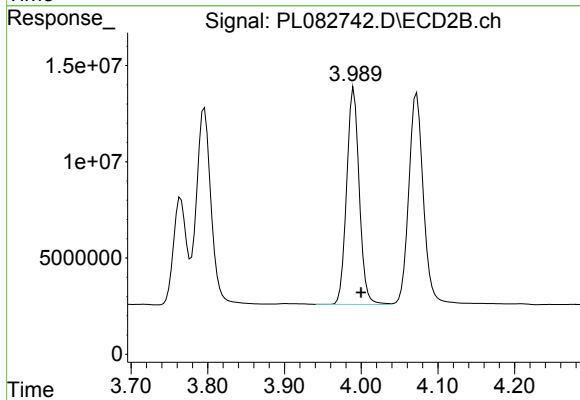
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 158208439
Conc: 43.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMS

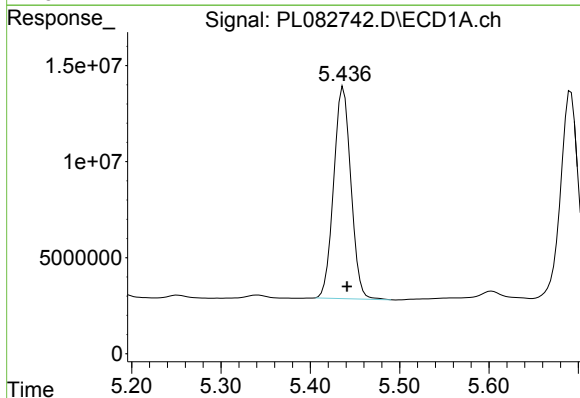
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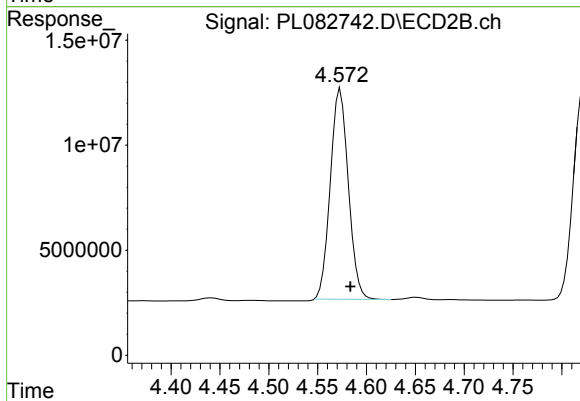
#7 delta-BHC

R.T.: 3.990 min
Delta R.T.: -0.009 min
Response: 128961378
Conc: 42.04 ng/ml



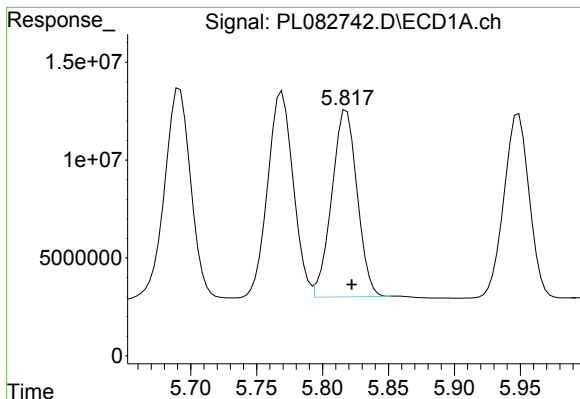
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 147460393
Conc: 48.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.010 min
Response: 128844850
Conc: 44.72 ng/ml



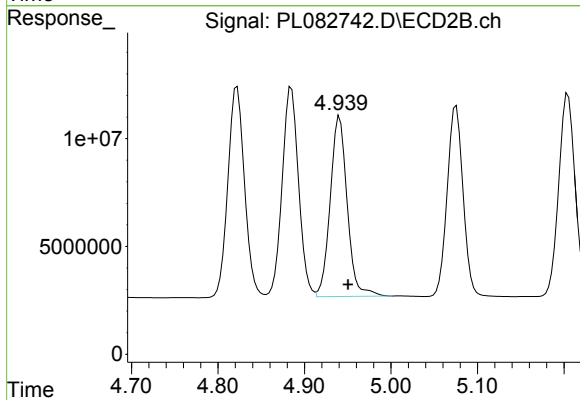
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 128236718
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMS

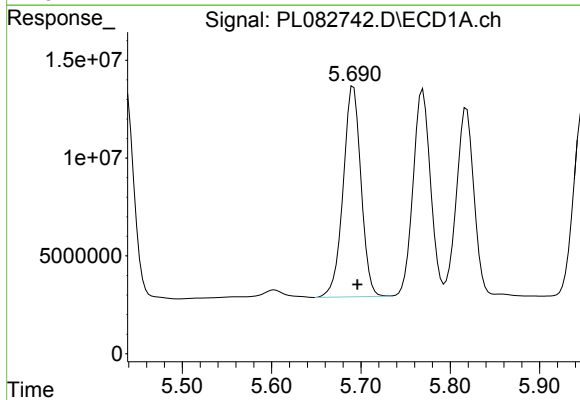
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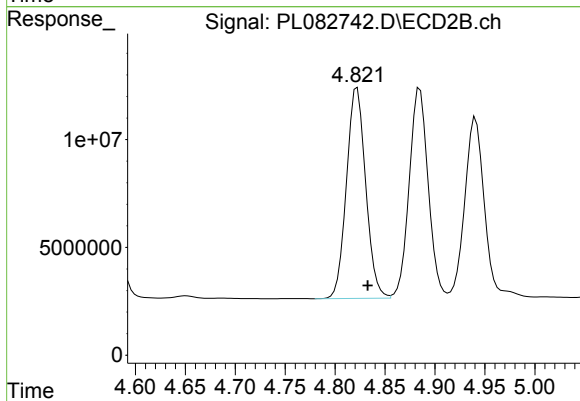
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 113862897
Conc: 42.65 ng/ml



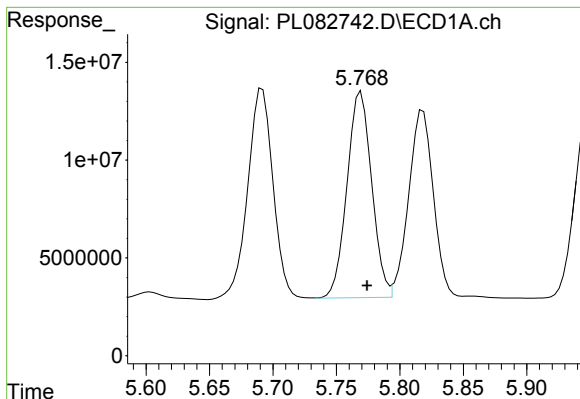
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 149369655
Conc: 49.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.010 min
Response: 130964270
Conc: 45.13 ng/ml



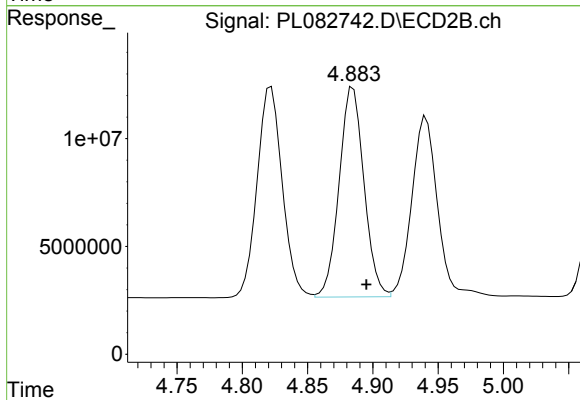
#11 alpha-Chlordane

R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 142512099
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMS

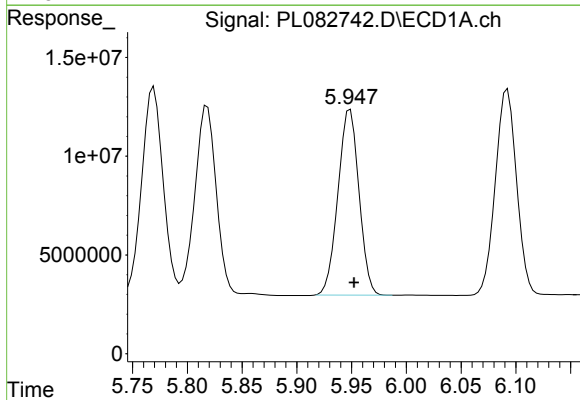
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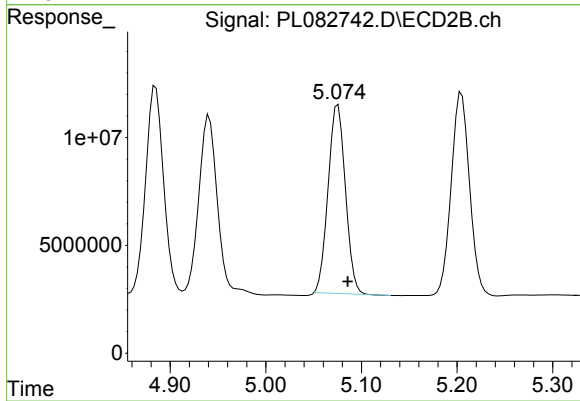
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 128829984
Conc: 44.38 ng/ml



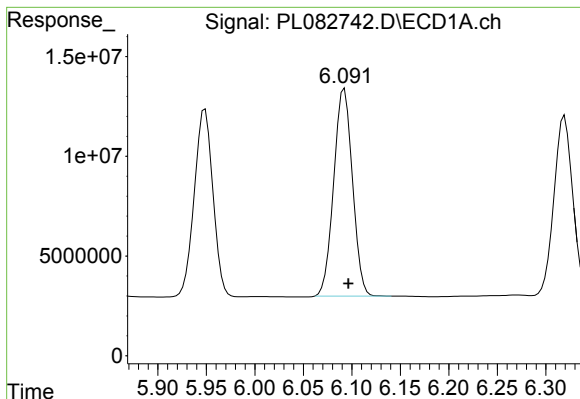
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 125476871
Conc: 49.36 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.010 min
Response: 109583450
Conc: 47.67 ng/ml



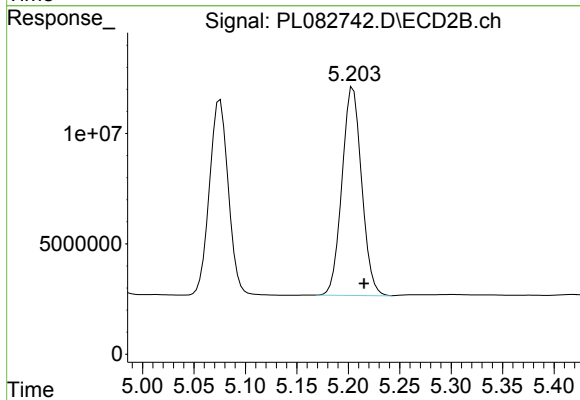
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.004 min
Response: 139815230
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMS

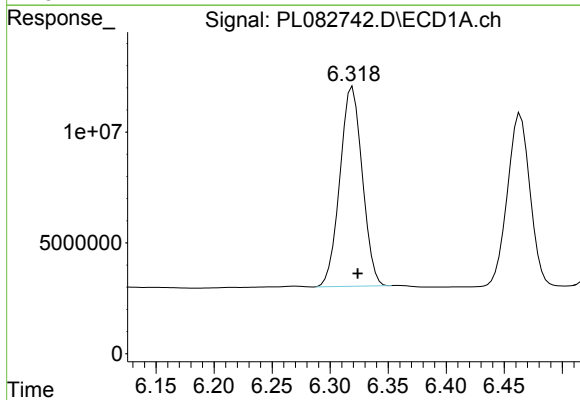
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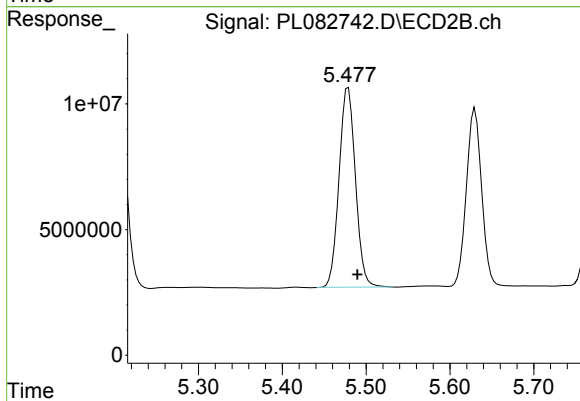
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 125743909
Conc: 46.57 ng/ml m



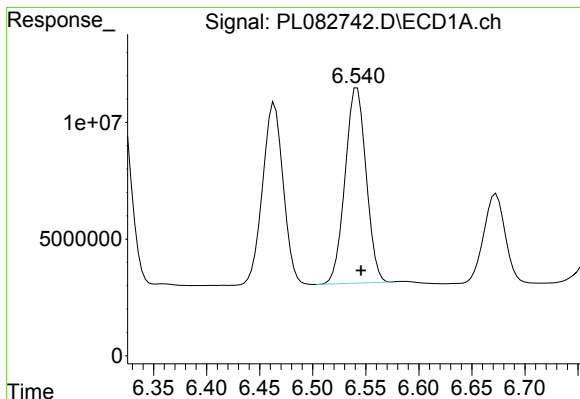
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 120747547
Conc: 49.80 ng/ml



#14 Endrin

R.T.: 5.477 min
Delta R.T.: -0.012 min
Response: 108065257
Conc: 44.18 ng/ml m



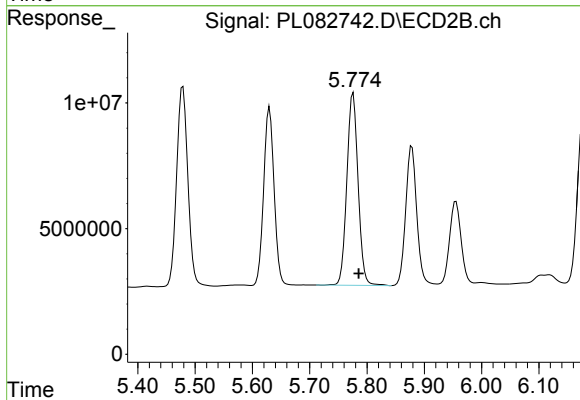
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.004 min
Response: 115326769
Conc: 47.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMS

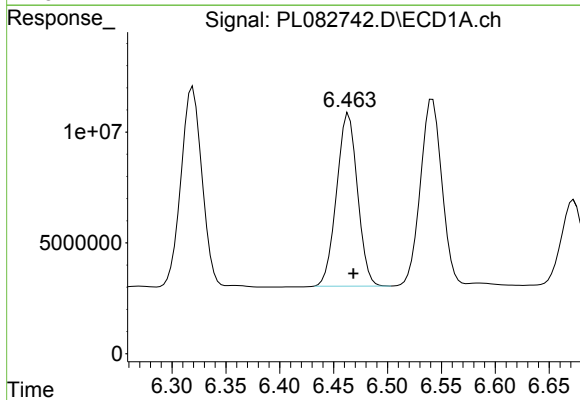
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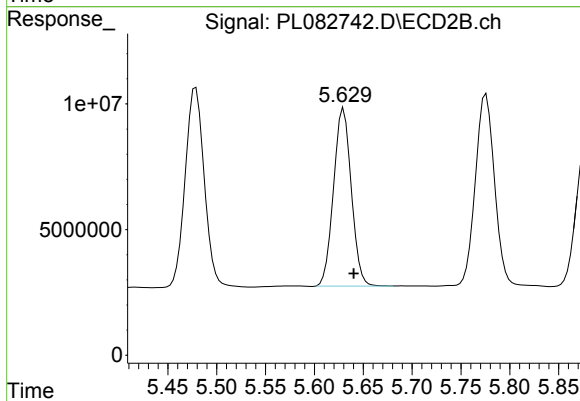
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.010 min
Response: 105127356
Conc: 46.64 ng/ml



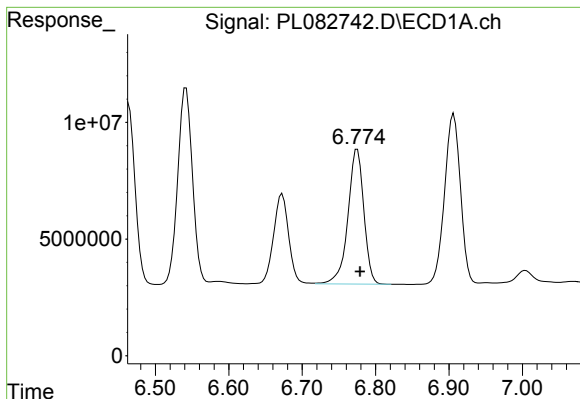
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 105107433
Conc: 51.85 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 89475833
Conc: 47.84 ng/ml



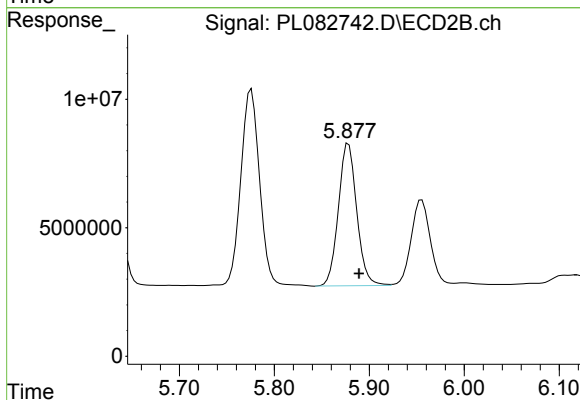
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 87092573
Conc: 38.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMS

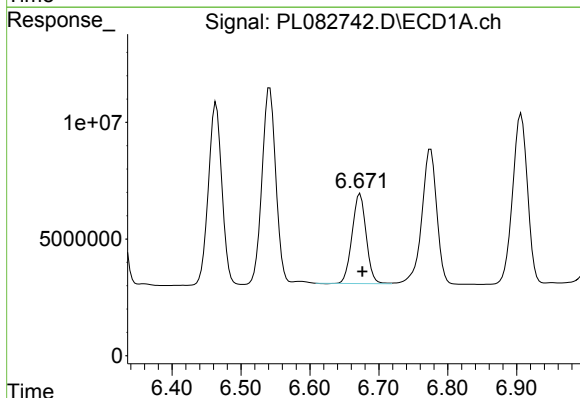
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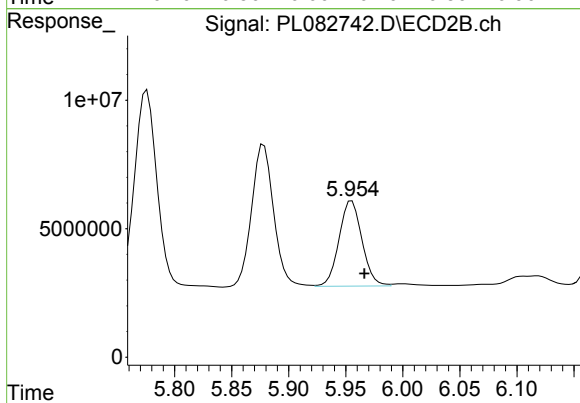
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.011 min
Response: 74586854
Conc: 35.31 ng/ml



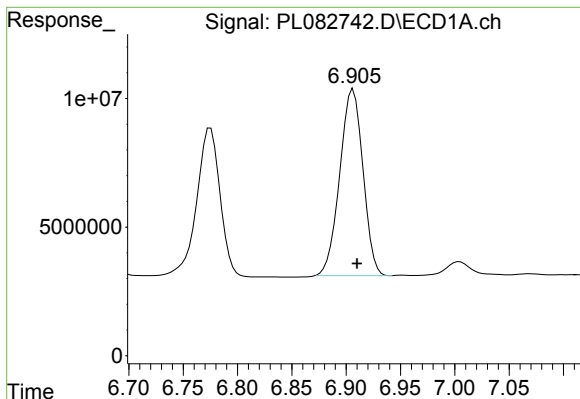
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 54366591
Conc: 28.85 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 46555430
Conc: 24.88 ng/ml



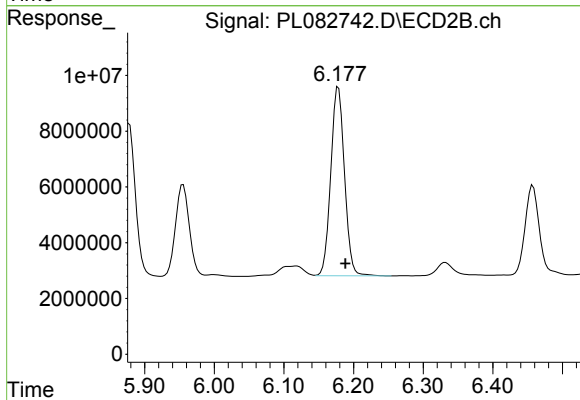
#19 Endosulfan Sulfate

R.T.: 6.906 min
Delta R.T.: -0.004 min
Response: 107782223
Conc: 45.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMS

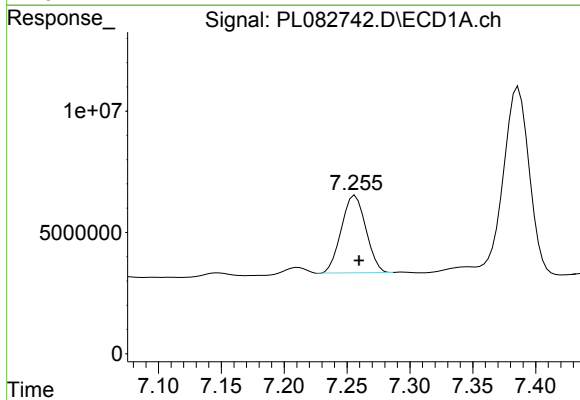
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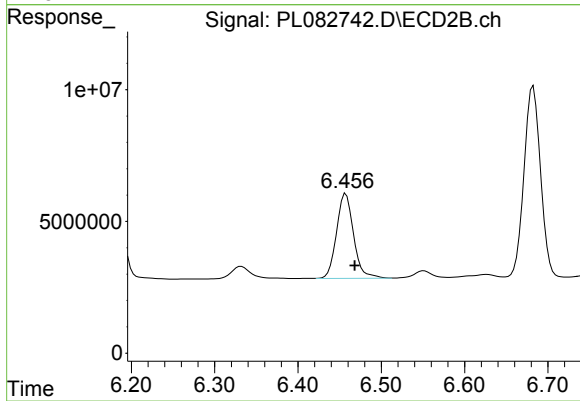
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 92823177
Conc: 39.43 ng/ml



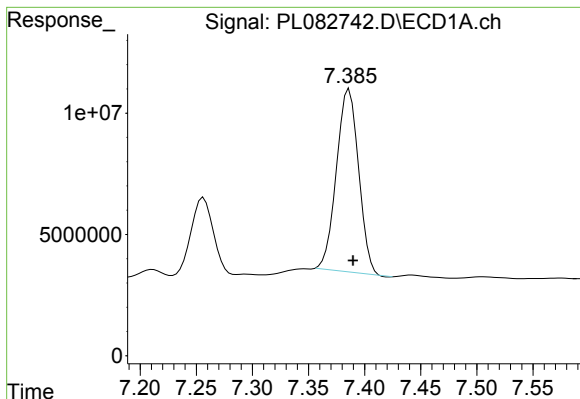
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 43298582
Conc: 35.48 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.012 min
Response: 45818073
Conc: 37.81 ng/ml m



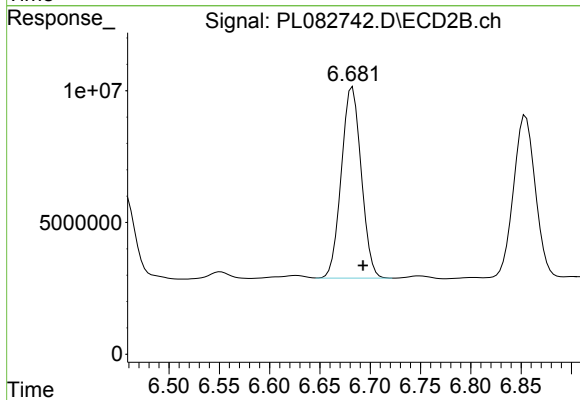
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 103040999
Conc: 43.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMS

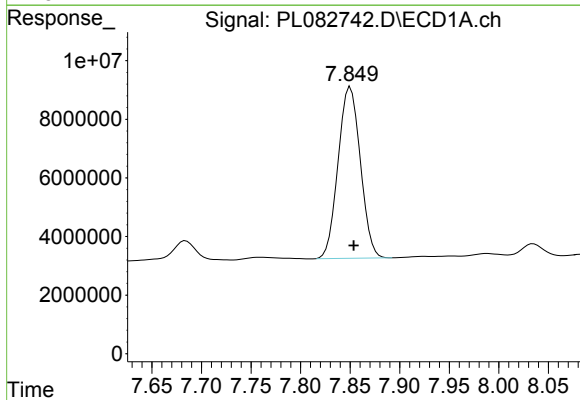
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2023
Supervised By :Ankita Jodhani 05/17/2023



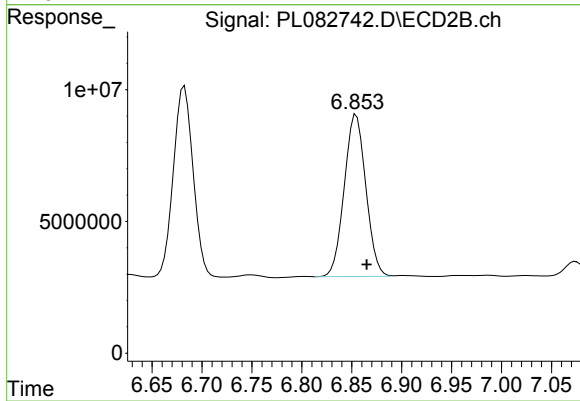
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.012 min
Response: 99780676
Conc: 39.31 ng/ml m



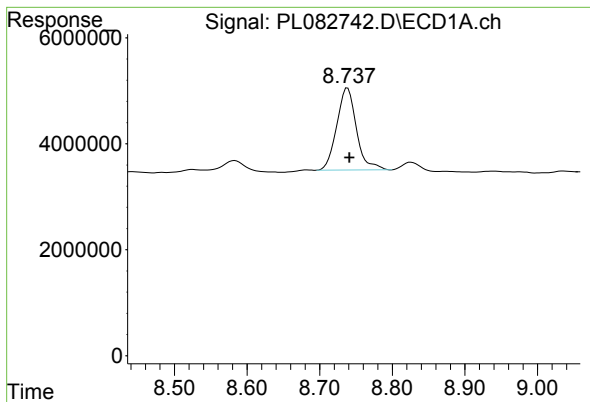
#22 Mirex

R.T.: 7.850 min
Delta R.T.: -0.003 min
Response: 91411764
Conc: 46.73 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.012 min
Response: 92563786
Conc: 40.17 ng/ml m



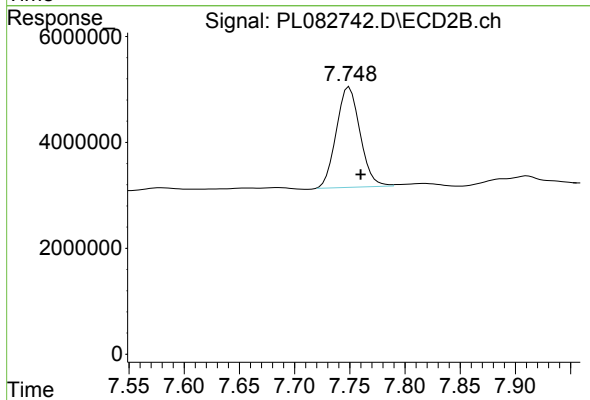
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 29200255
Conc: 15.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2023
Supervised By :Ankita Jodhani 05/17/2023



#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 28381552
Conc: 12.43 ng/ml