

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
 Data File : PL082743.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2023 19:23
 Operator : AR\AJ
 Sample : 02798-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WATERWITCH-AVE-SAMPLEMSD

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 21:52:06 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	52430167	43589863	19.628	18.815
28) SA Decachlor...	8.738	7.750	27357126	27616152	14.330	12.099
Target Compounds						
2) A alpha-BHC	3.768	3.137	192.1E6	155.9E6	48.254	45.816
3) MA gamma-BHC...	4.097	3.465	182.3E6	147.5E6	48.767	45.876
4) MA Heptachlor	4.674	3.796	159.0E6	127.6E6	43.523	37.277
5) MB Aldrin	5.011	4.072	165.7E6	147.8E6	50.249	46.913
6) B beta-BHC	4.300	3.763	82899364	70689056	48.607	51.810m
7) B delta-BHC	4.541	3.990	161.8E6	132.2E6	44.962	43.106
8) B Heptachlo...	5.437	4.573	143.6E6	130.6E6	47.066	45.348
9) A Endosulfan I	5.818	4.941	131.8E6	114.7E6	47.518	42.961
10) B gamma-Chl...	5.692	4.822	148.7E6	131.1E6	49.444	45.183
11) B alpha-Chl...	5.770	4.885	144.0E6	129.5E6	48.247	44.626
12) B 4,4'-DDE	5.949	5.076	126.0E6	111.3E6	49.564	48.405
13) MA Dieldrin	6.093	5.203	140.1E6	126.2E6	50.781	46.729m
14) MA Endrin	6.320	5.477	119.8E6	111.5E6	49.422	45.577m
15) B Endosulfa...	6.542	5.776	111.5E6	106.5E6	45.816	47.236
16) A 4,4'-DDD	6.465	5.630	102.1E6	91078907	50.357	48.695
17) MA 4,4'-DDT	6.776	5.878	87096019	78696856	38.071	37.251
18) B Endrin al...	6.672	5.956	56174311	49431581	29.814	26.415
19) B Endosulfa...	6.907	6.178	106.8E6	93935757	45.035	39.900
20) A Methoxychlor	7.257	6.457	44575358	47323969	36.527	39.051m
21) B Endrin ke...	7.387	6.682	105.8E6	103.1E6	44.181	40.600m
22) Mirex	7.850	6.852	90174262	92543626	46.094	40.162m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
Data File : PL082743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2023 19:23
Operator : AR\AJ
Sample : 02798-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

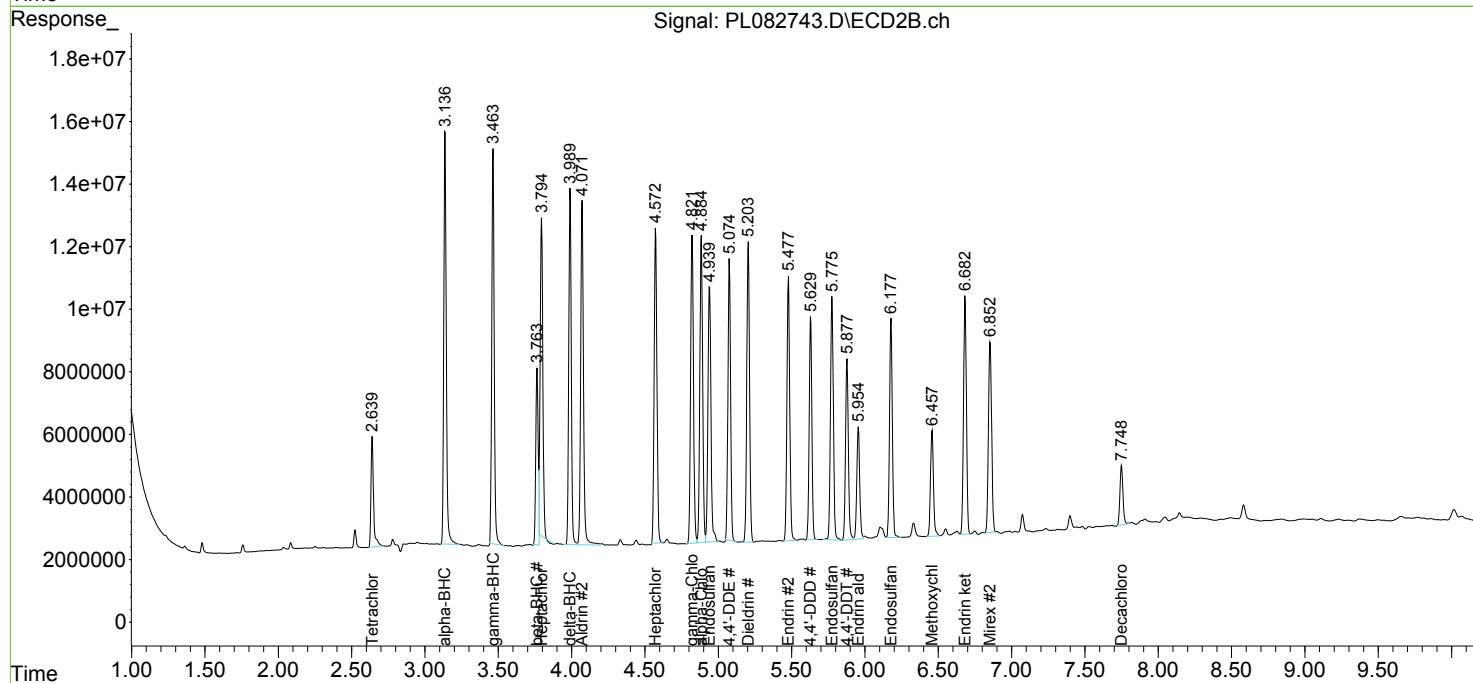
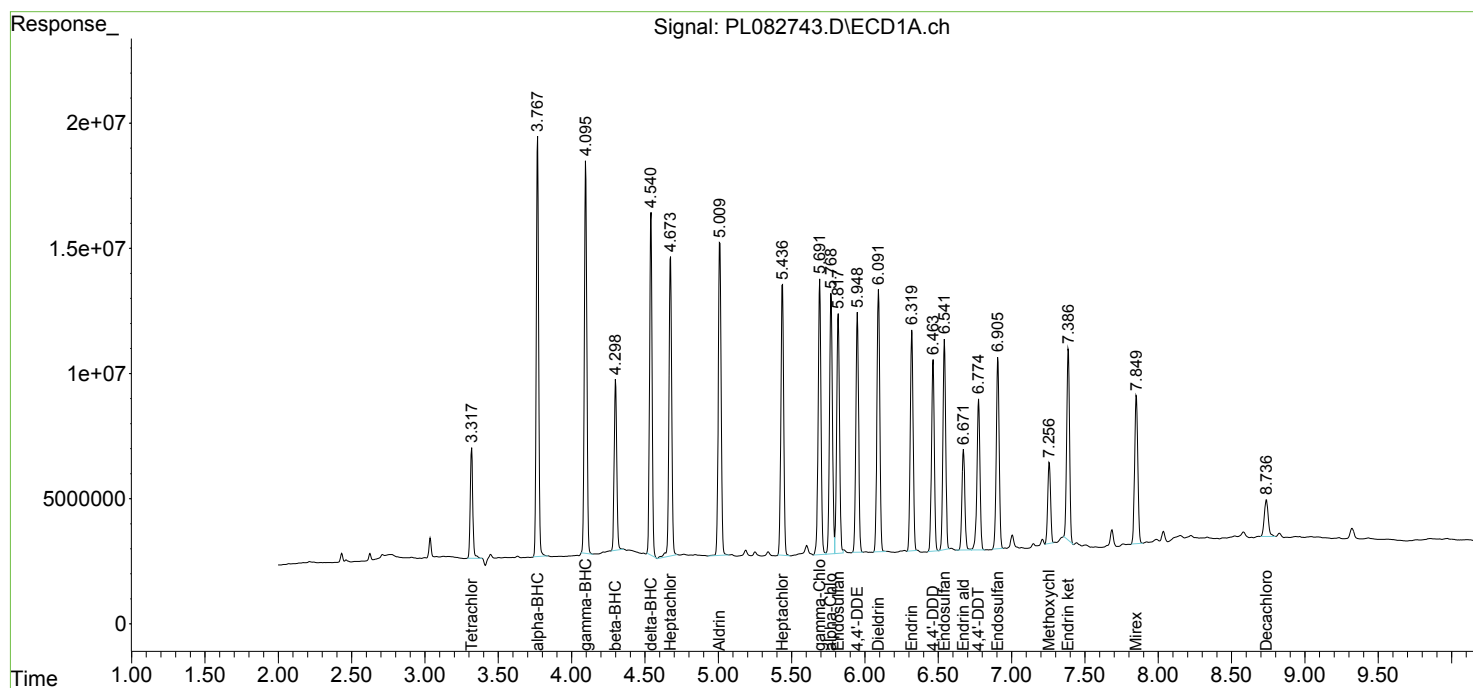
Instrument :
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ClientSampleId :
WATERWITCH-AVE-SAMPLEMSD

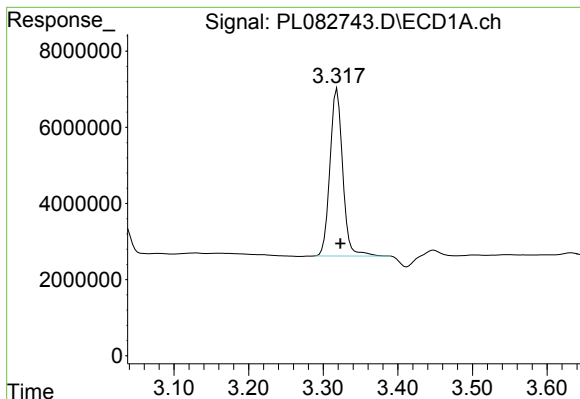
Manual Integrations
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Supervised By :Ankita Jodhani 05/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 21:52:06 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





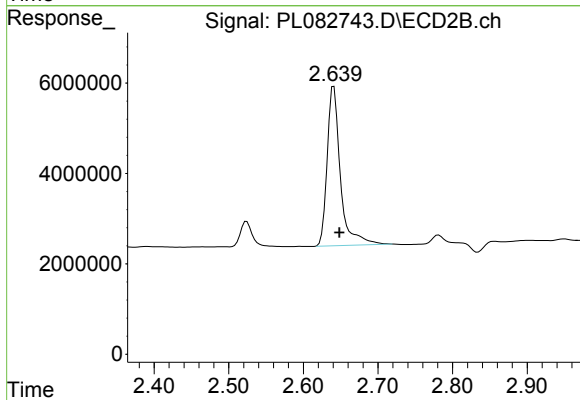
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 52430167
Conc: 19.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMSD

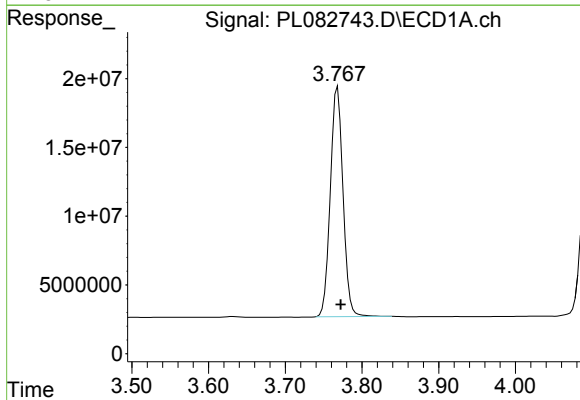
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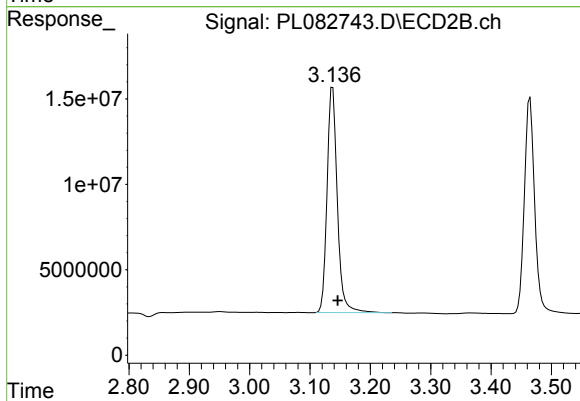
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 43589863
Conc: 18.82 ng/ml



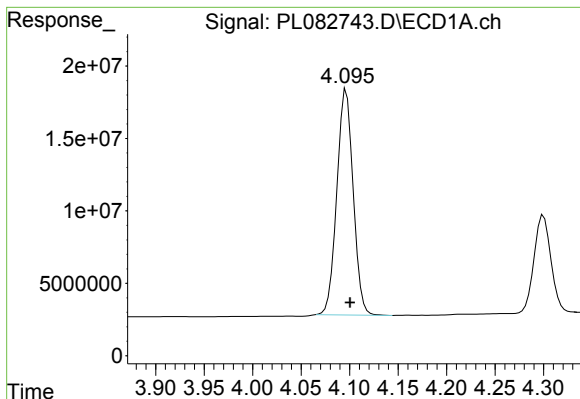
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 192063742
Conc: 48.25 ng/ml



#2 alpha-BHC

R.T.: 3.137 min
Delta R.T.: -0.009 min
Response: 155933966
Conc: 45.82 ng/ml



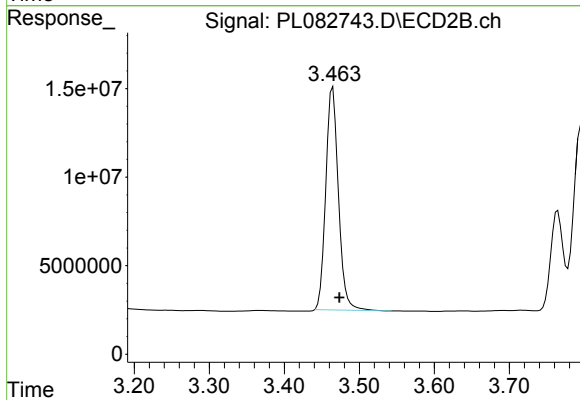
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.004 min
Response: 182336349
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMSD

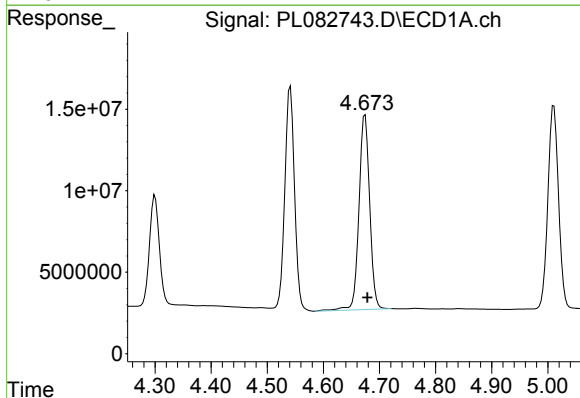
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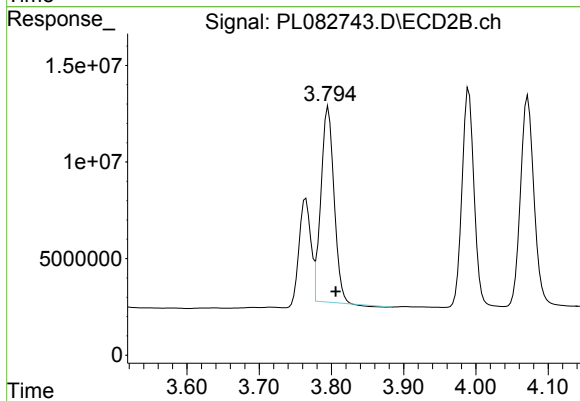
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.009 min
Response: 147505387
Conc: 45.88 ng/ml



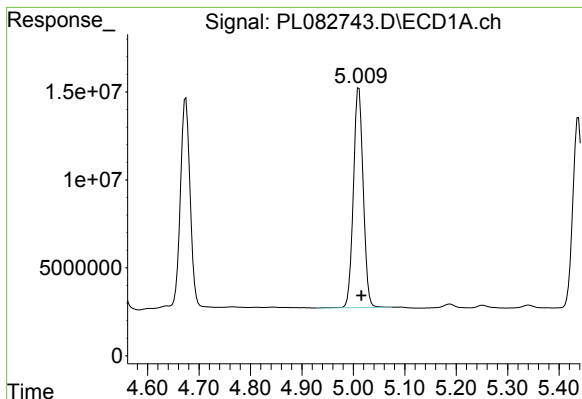
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.004 min
Response: 159029652
Conc: 43.52 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.010 min
Response: 127606687
Conc: 37.28 ng/ml



#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 165700595
Conc: 50.25 ng/ml

Instrument :

ECD_L

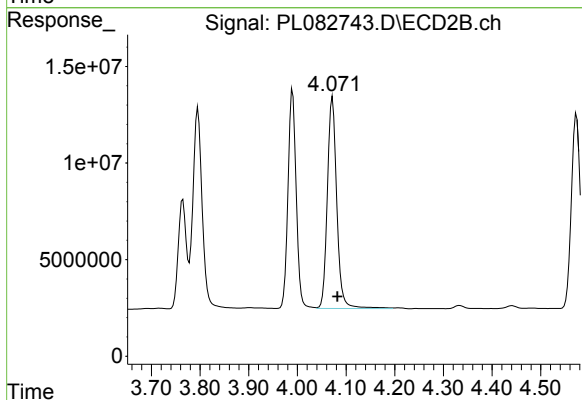
ClientSampleId :

WATERWITCH-AVE-SAMPLEMSD

Manual Integrations

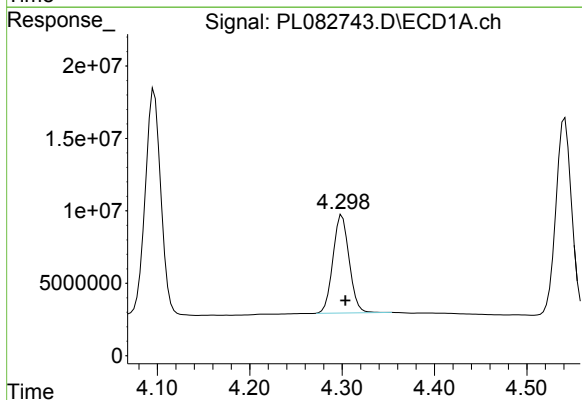
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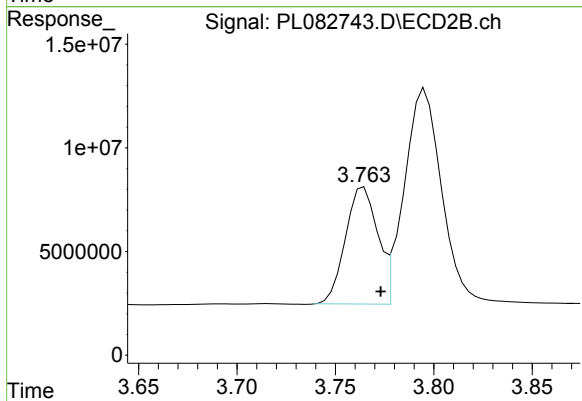
#5 Aldrin

R.T.: 4.072 min
Delta R.T.: -0.010 min
Response: 147770480
Conc: 46.91 ng/ml



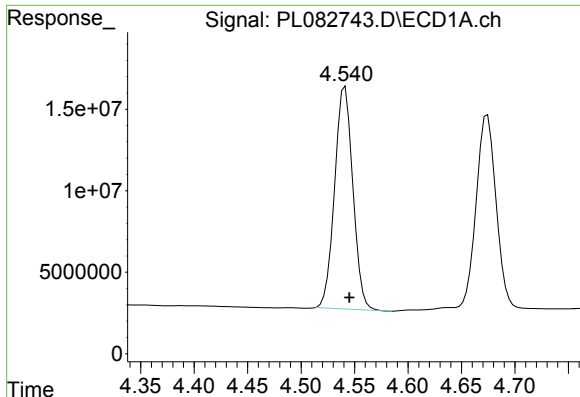
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 82899364
Conc: 48.61 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: -0.010 min
Response: 70689056
Conc: 51.81 ng/ml m



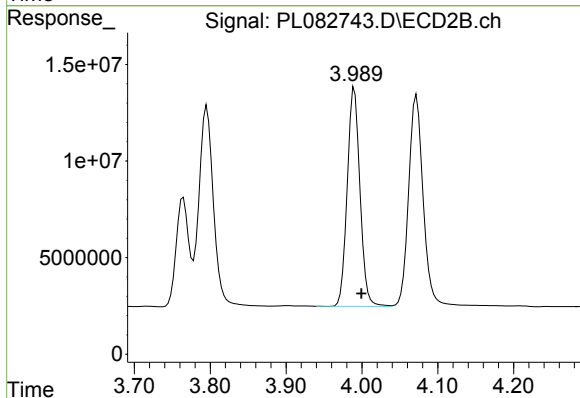
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 161762171
Conc: 44.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMSD

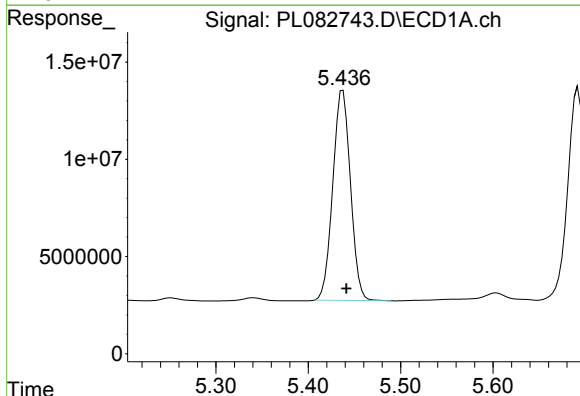
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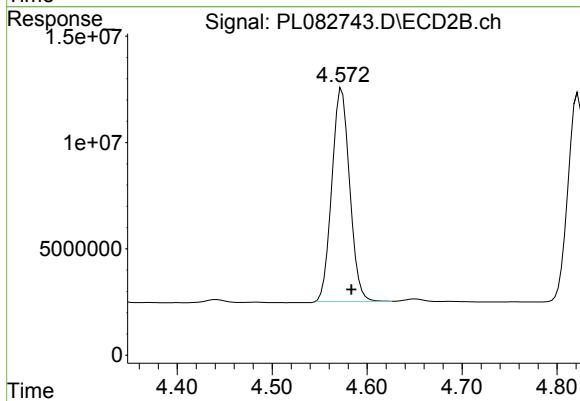
#7 delta-BHC

R.T.: 3.990 min
Delta R.T.: -0.009 min
Response: 132224457
Conc: 43.11 ng/ml



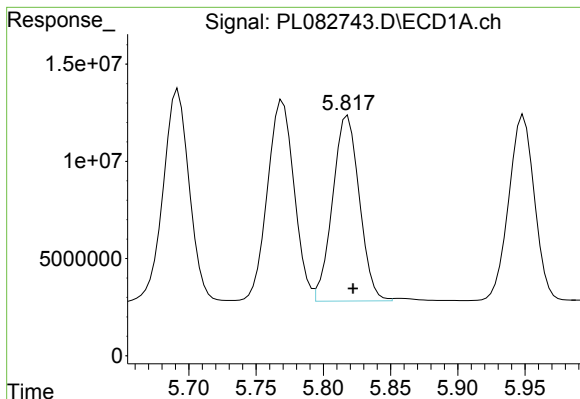
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 143566481
Conc: 47.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.010 min
Response: 130642847
Conc: 45.35 ng/ml



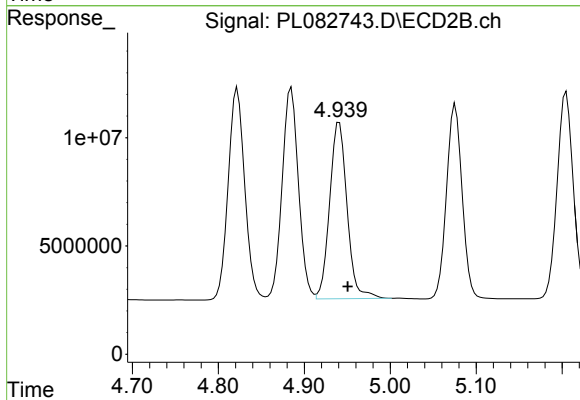
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 131755058
Conc: 47.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMSD

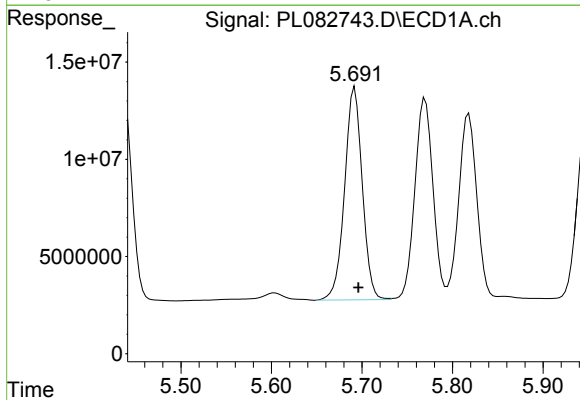
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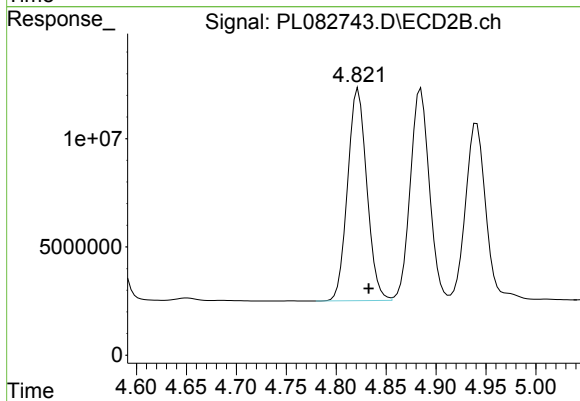
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 114682538
Conc: 42.96 ng/ml



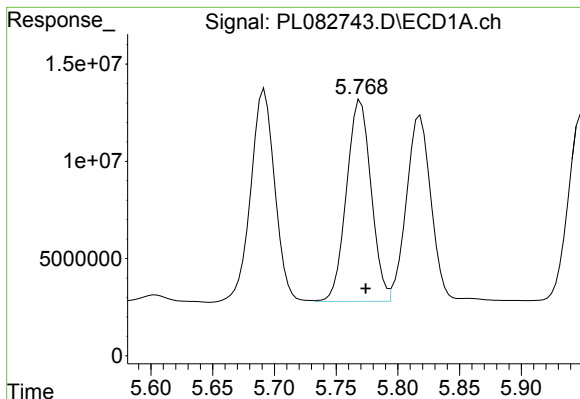
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 148672112
Conc: 49.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.010 min
Response: 131112913
Conc: 45.18 ng/ml



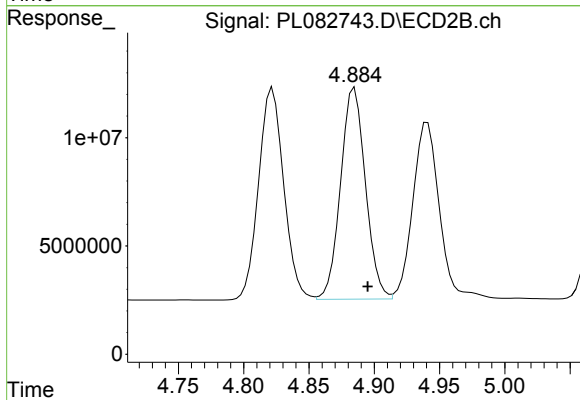
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 143998914
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMSD

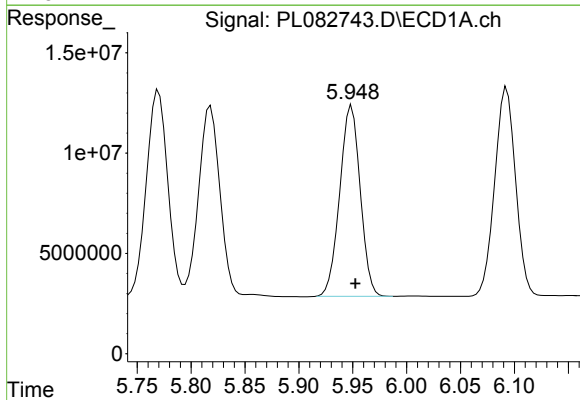
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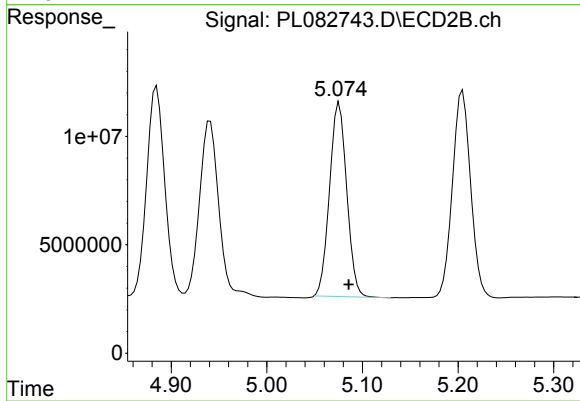
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 129542410
Conc: 44.63 ng/ml



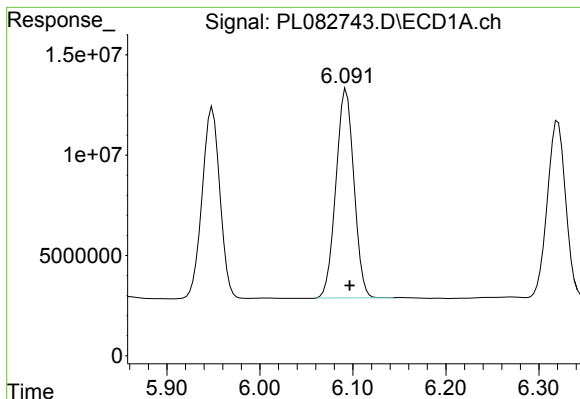
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 125992708
Conc: 49.56 ng/ml



#12 4,4'-DDE

R.T.: 5.076 min
Delta R.T.: -0.010 min
Response: 111281754
Conc: 48.41 ng/ml



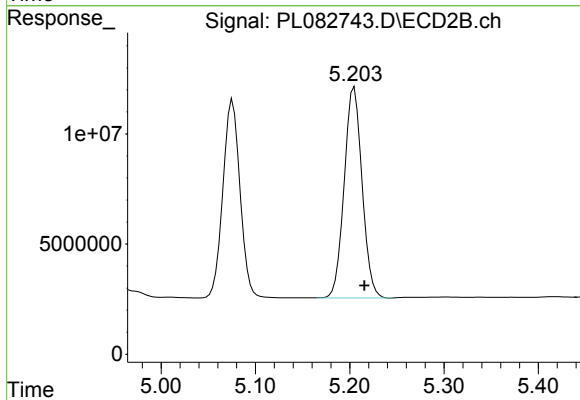
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 140110901
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
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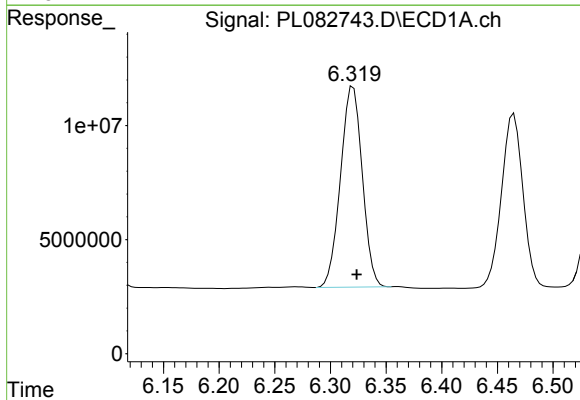
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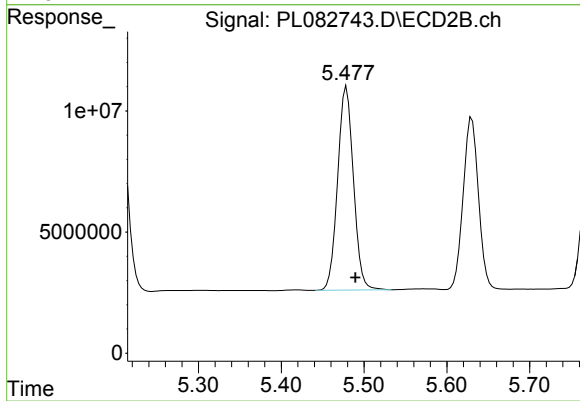
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 126185177
Conc: 46.73 ng/ml m



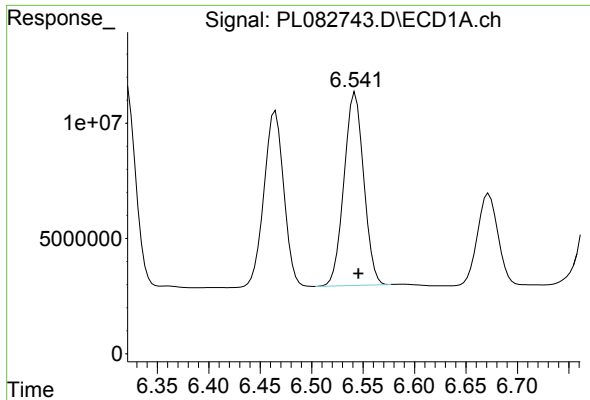
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 119827362
Conc: 49.42 ng/ml



#14 Endrin

R.T.: 5.477 min
Delta R.T.: -0.012 min
Response: 111478606
Conc: 45.58 ng/ml m



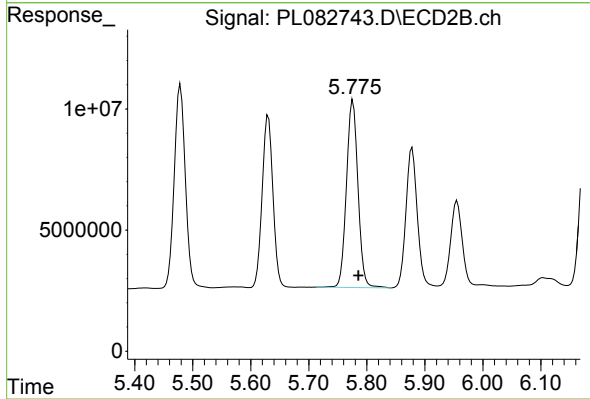
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.003 min
Response: 111541324
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMSD

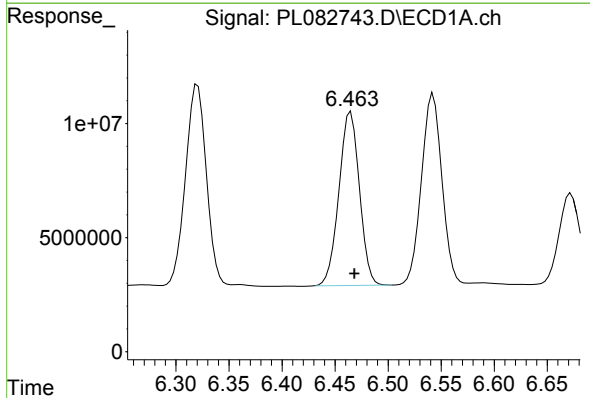
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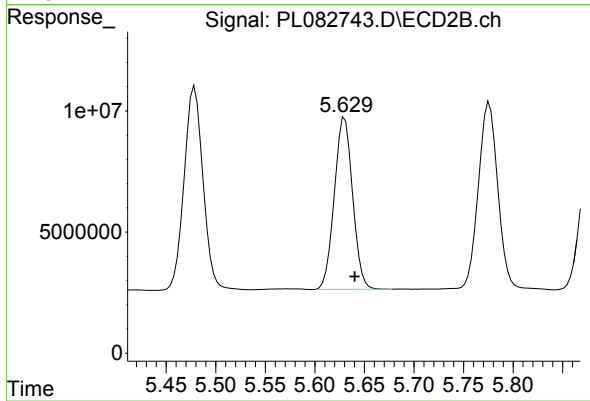
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.010 min
Response: 106475776
Conc: 47.24 ng/ml



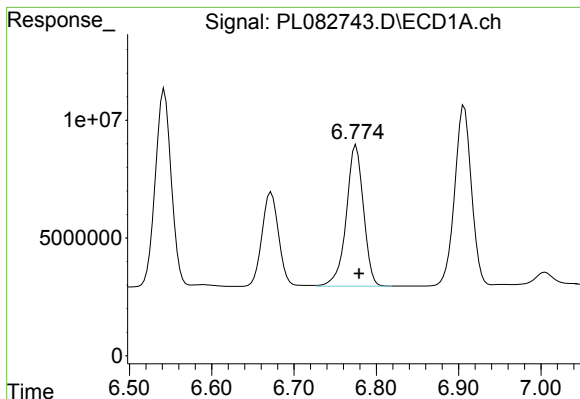
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 102083303
Conc: 50.36 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 91078907
Conc: 48.69 ng/ml



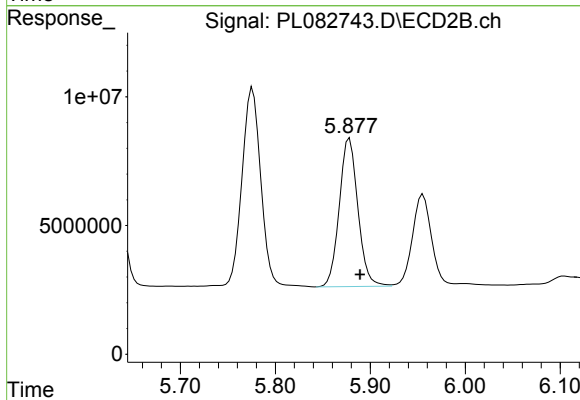
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 87096019
Conc: 38.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMSD

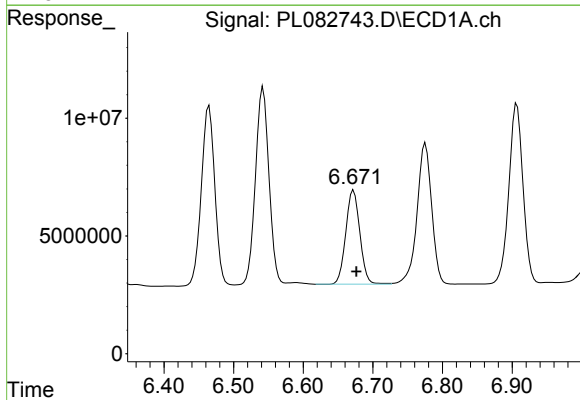
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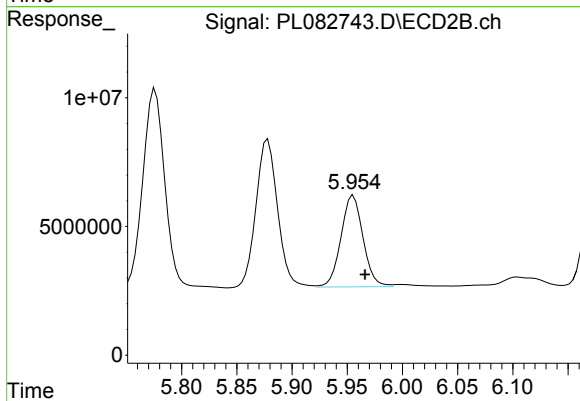
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.011 min
Response: 78696856
Conc: 37.25 ng/ml



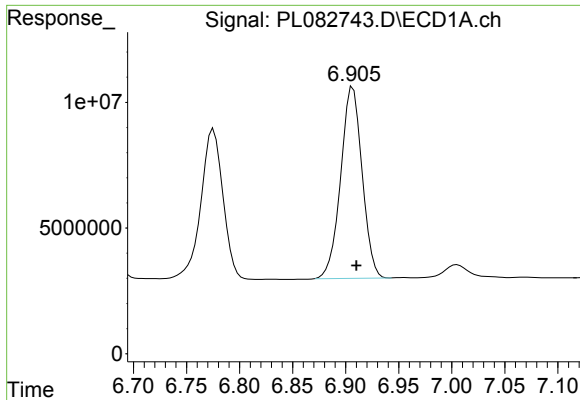
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 56174311
Conc: 29.81 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 49431581
Conc: 26.41 ng/ml



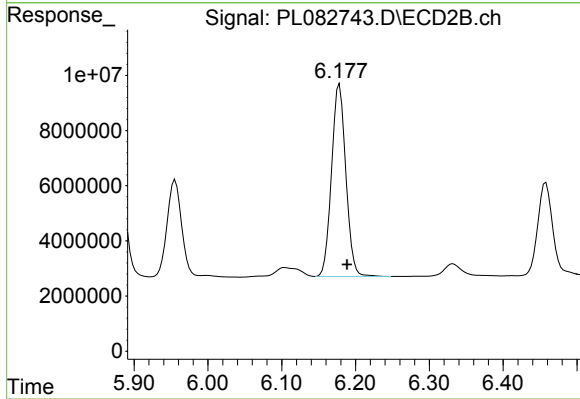
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 106802496
Conc: 45.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMSD

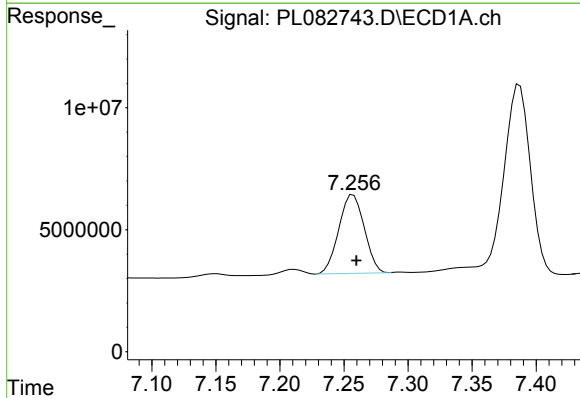
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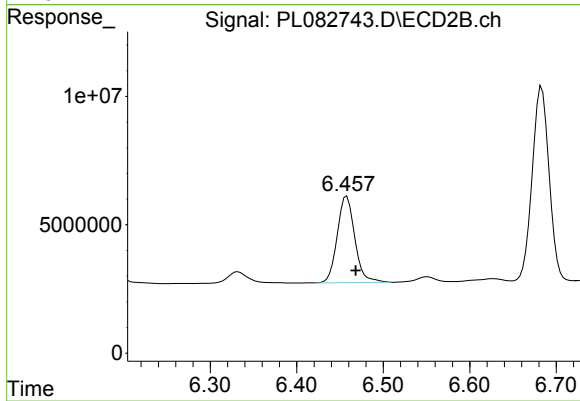
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 93935757
Conc: 39.90 ng/ml



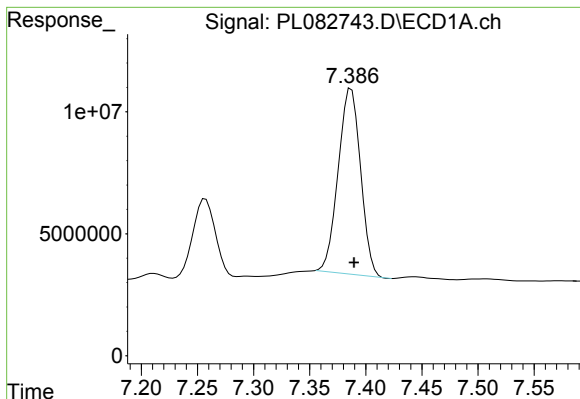
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 44575358
Conc: 36.53 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.012 min
Response: 47323969
Conc: 39.05 ng/ml m



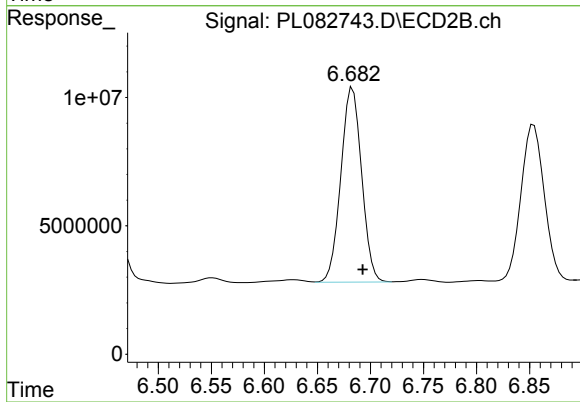
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 105787154
Conc: 44.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMSD

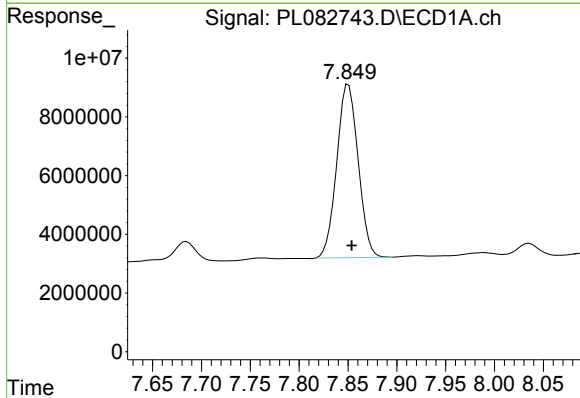
Manual Integrations
APPROVED

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



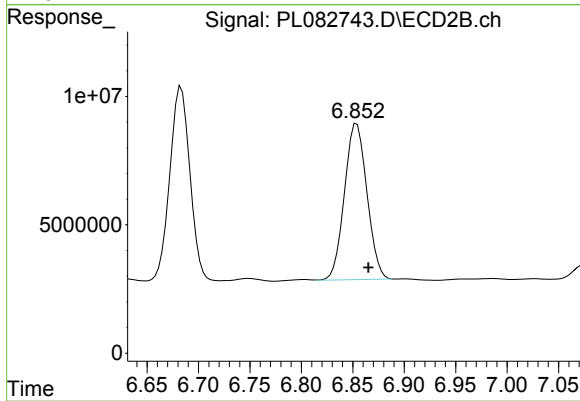
#21 Endrin ketone

R.T.: 6.682 min
Delta R.T.: -0.011 min
Response: 103050357
Conc: 40.60 ng/ml m



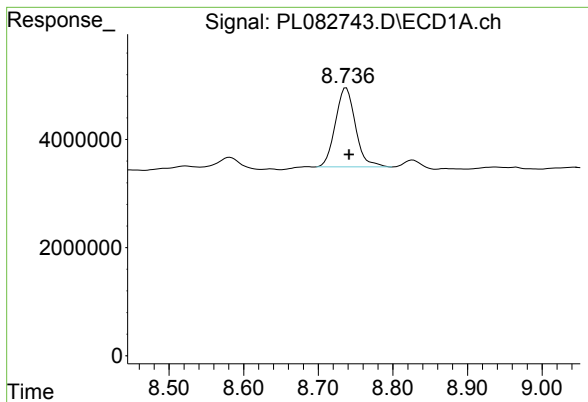
#22 Mirex

R.T.: 7.850 min
Delta R.T.: -0.003 min
Response: 90174262
Conc: 46.09 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 92543626
Conc: 40.16 ng/ml m



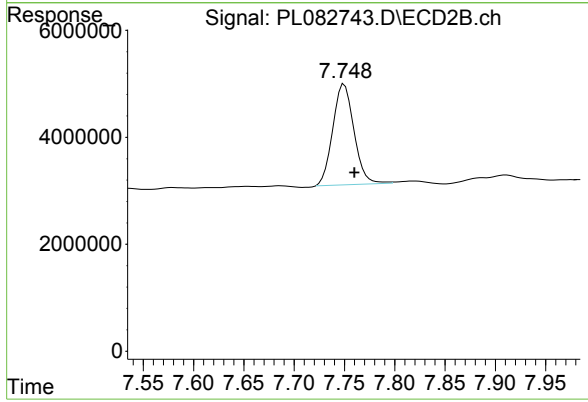
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 27357126
Conc: 14.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLEMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 27616152
Conc: 12.10 ng/ml