

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110822\
 Data File : PL078930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2022 19:57
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 21:27:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.320	2.567	100.8E6	131.0E6	52.835	51.323
28)	SA Decachlor...	8.767	7.634	75680230	101.9E6	50.307	53.802
Target Compounds							
2)	A alpha-BHC	3.780	3.054	157.0E6	204.7E6	54.661	51.837
3)	MA gamma-BHC...	4.113	3.374	146.6E6	188.1E6	54.883	52.321
4)	MA Heptachlor	4.684	3.702	148.2E6	185.6E6	57.100	53.531
5)	MB Aldrin	5.021	3.973	136.1E6	188.0E6	54.965	53.686
6)	B beta-BHC	4.328	3.674	62481853	73554121	54.239	51.263
7)	B delta-BHC	4.569	3.894	128.2E6	189.3E6	56.312	51.982
8)	B Heptachlo...	5.455	4.469	122.9E6	159.7E6	57.878	52.996
9)	A Endosulfan I	5.839	4.832	116.4E6	150.9E6	54.573	52.706
10)	B gamma-Chl...	5.710	4.717	123.6E6	160.4E6	54.778	52.327
11)	B alpha-Chl...	5.787	4.779	125.5E6	158.1E6	54.244	53.058
12)	B 4,4'-DDE	5.970	4.974	107.9E6	142.1E6	53.936	52.180
13)	MA Dieldrin	6.116	5.092	114.6E6	158.7E6	53.130	53.573m
14)	MA Endrin	6.347	5.364	102.7E6	138.4E6	54.117	53.108
15)	B Endosulfa...	6.576	5.660	93517856	125.6E6	49.845	55.181
16)	A 4,4'-DDD	6.494	5.523	87670590	123.2E6	52.591	56.083m
17)	MA 4,4'-DDT	6.804	5.769	94384646	123.2E6	52.660	56.819m
18)	B Endrin al...	6.708	5.839	74095549	97012833	50.923	51.691
19)	B Endosulfa...	6.940	6.062	94974409	129.8E6	51.618	54.510
20)	A Methoxychlor	7.288	6.348	48580626	64920002	52.754	57.208
21)	B Endrin ke...	7.425	6.557	99437900	143.8E6	52.853m	55.622
22)	Mirex	7.883	6.730	83576583	103.6E6	57.251	52.634

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110822\
Data File : PL078930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2022 19:57
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

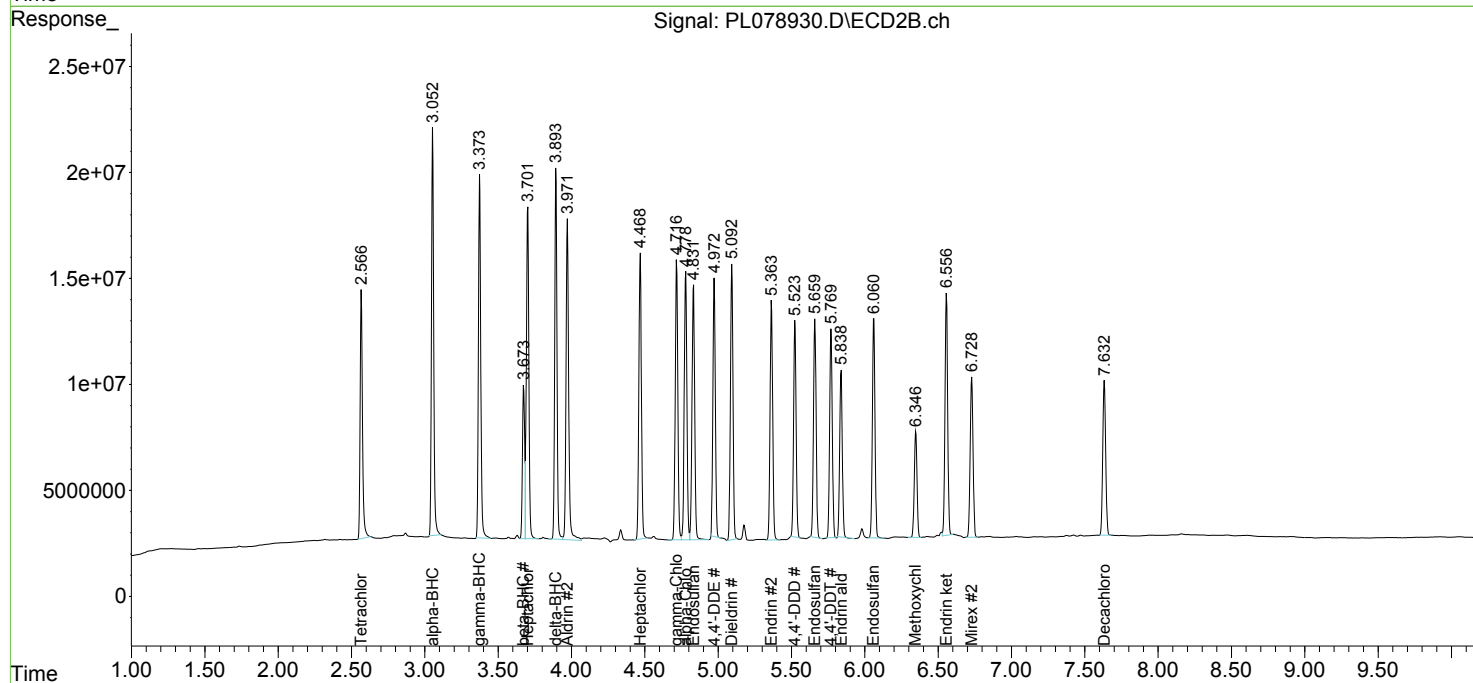
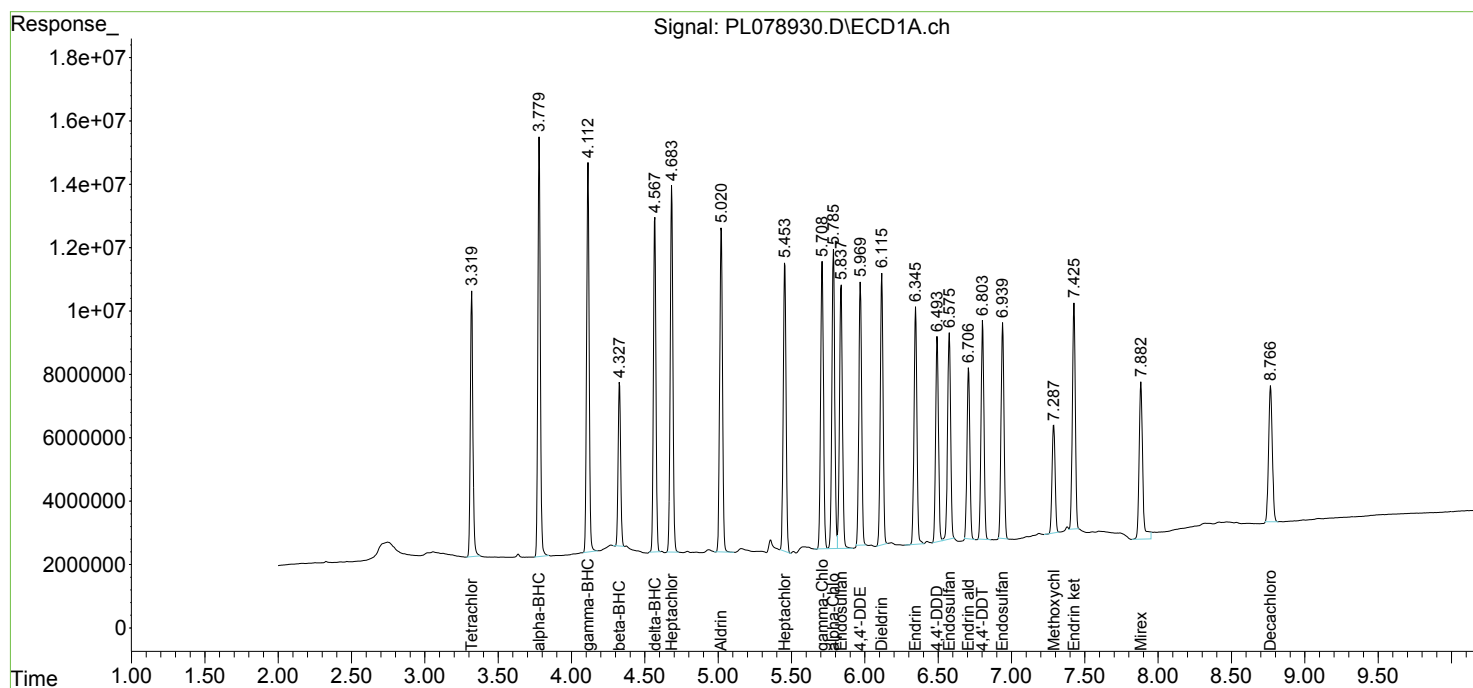
APPROVED

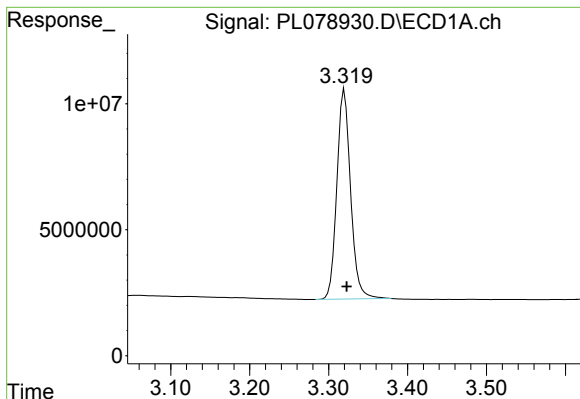
Reviewed By :Abdul Mirza 11/10/2022

Supervised By :Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:27:53 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 2022
Response via : Initial Calibration
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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





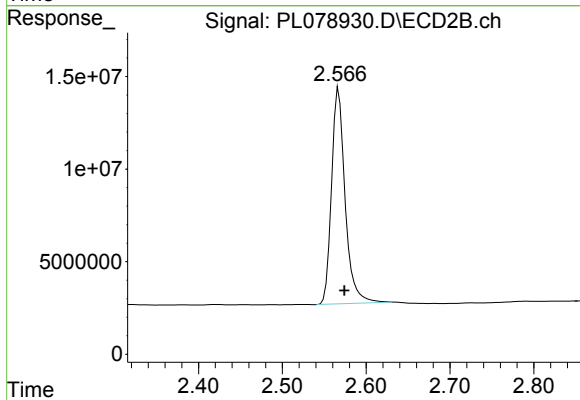
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 100757264
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

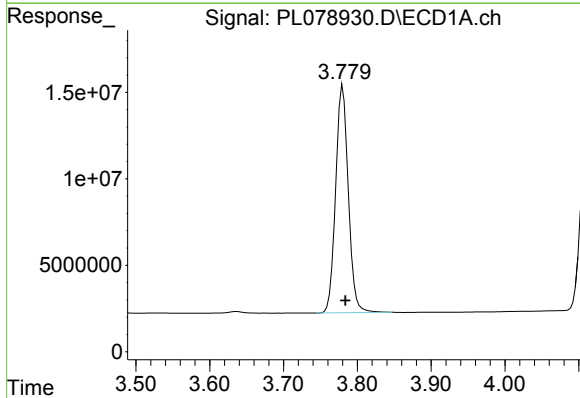
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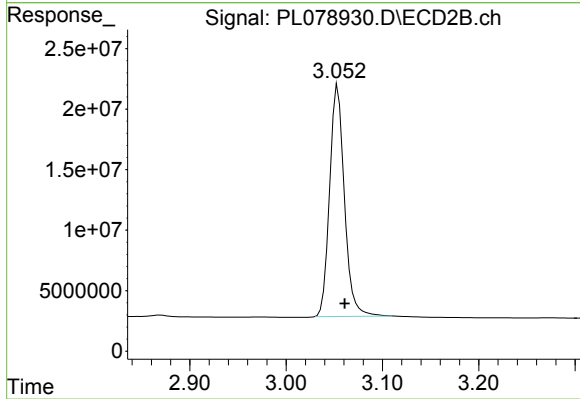
#1 Tetrachloro-m-xylene

R.T.: 2.567 min
Delta R.T.: -0.007 min
Response: 131038681
Conc: 51.32 ng/ml



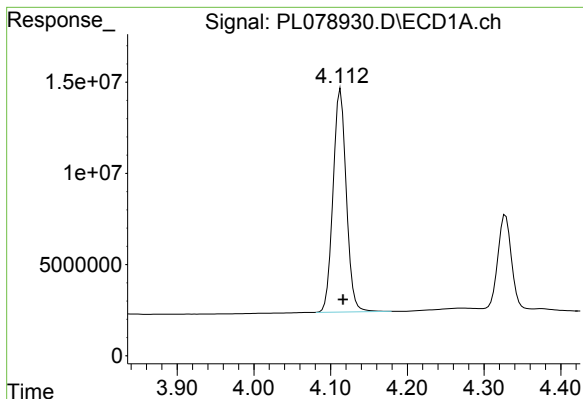
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: -0.003 min
Response: 156950985
Conc: 54.66 ng/ml



#2 alpha-BHC

R.T.: 3.054 min
Delta R.T.: -0.007 min
Response: 204704901
Conc: 51.84 ng/ml



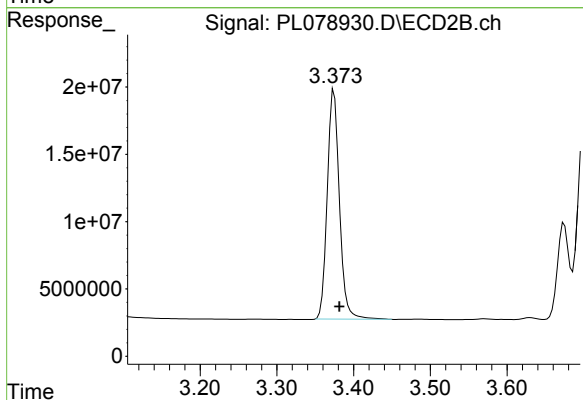
#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: -0.003 min
Response: 146632335
Conc: 54.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

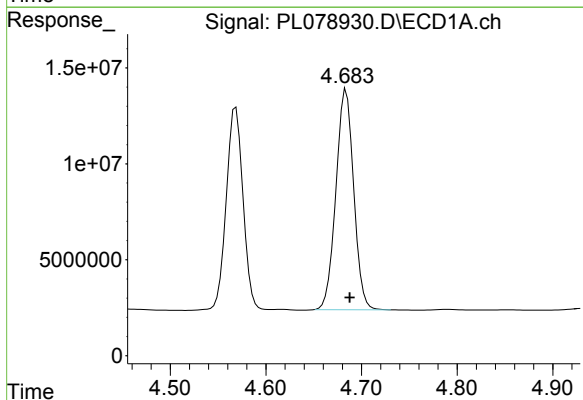
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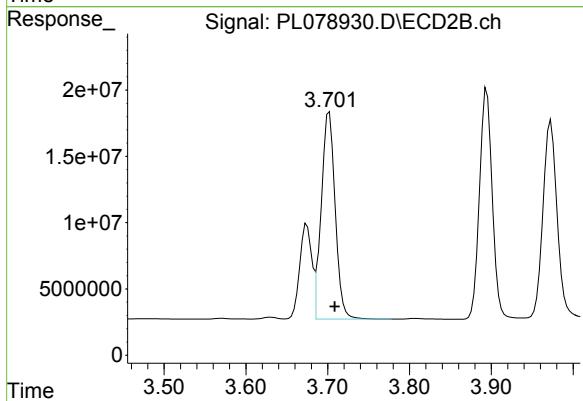
#3 gamma-BHC (Lindane)

R.T.: 3.374 min
Delta R.T.: -0.007 min
Response: 188052857
Conc: 52.32 ng/ml



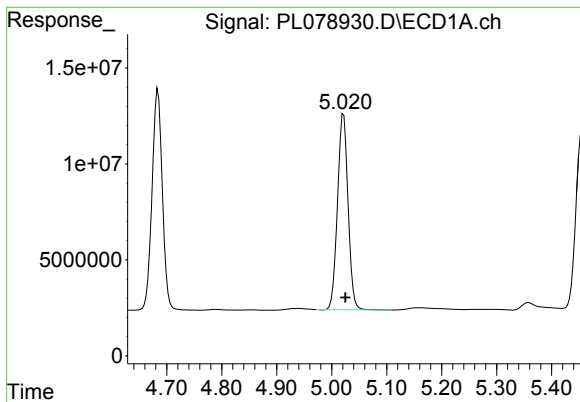
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.004 min
Response: 148232230
Conc: 57.10 ng/ml



#4 Heptachlor

R.T.: 3.702 min
Delta R.T.: -0.007 min
Response: 185636792
Conc: 53.53 ng/ml



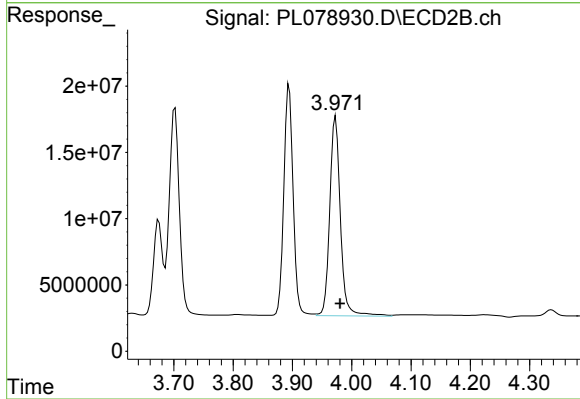
#5 Aldrin

R.T.: 5.021 min
Delta R.T.: -0.004 min
Response: 136132599
Conc: 54.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

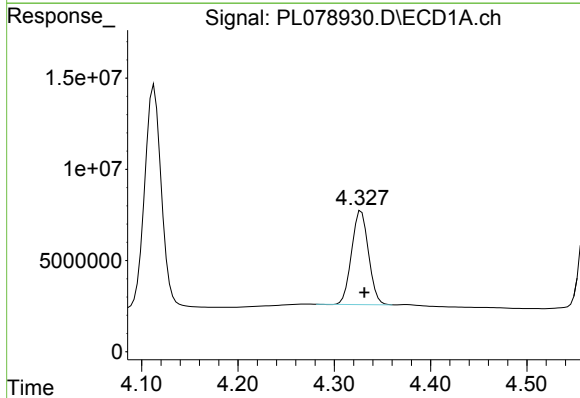
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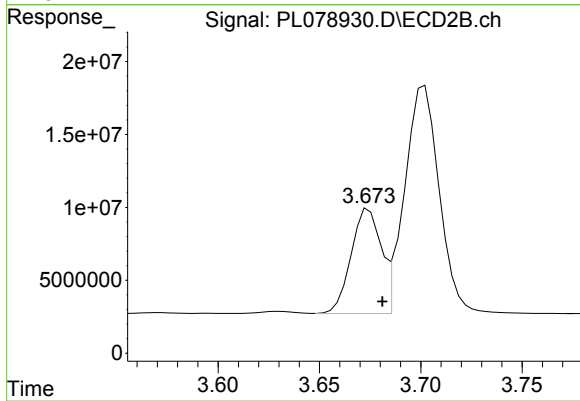
#5 Aldrin

R.T.: 3.973 min
Delta R.T.: -0.008 min
Response: 187993225
Conc: 53.69 ng/ml



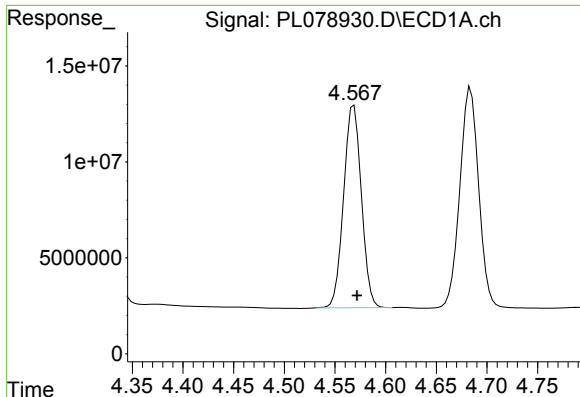
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: -0.003 min
Response: 62481853
Conc: 54.24 ng/ml



#6 beta-BHC

R.T.: 3.674 min
Delta R.T.: -0.007 min
Response: 73554121
Conc: 51.26 ng/ml



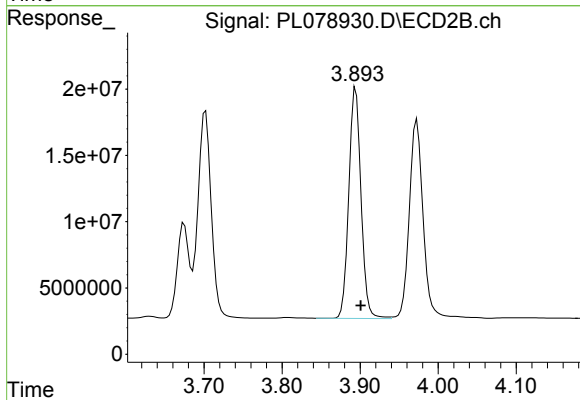
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: -0.003 min
Response: 128213582
Conc: 56.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

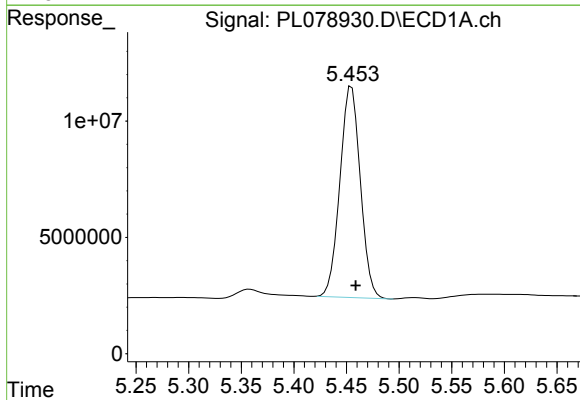
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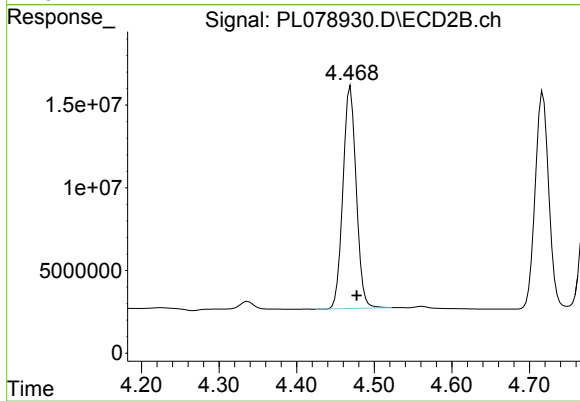
#7 delta-BHC

R.T.: 3.894 min
Delta R.T.: -0.006 min
Response: 189284959
Conc: 51.98 ng/ml



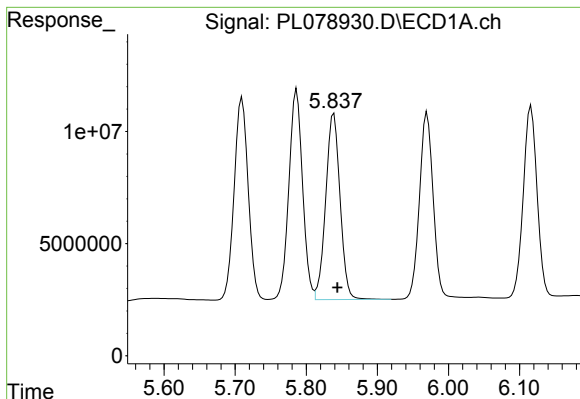
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: -0.004 min
Response: 122875081
Conc: 57.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.469 min
Delta R.T.: -0.008 min
Response: 159688714
Conc: 53.00 ng/ml



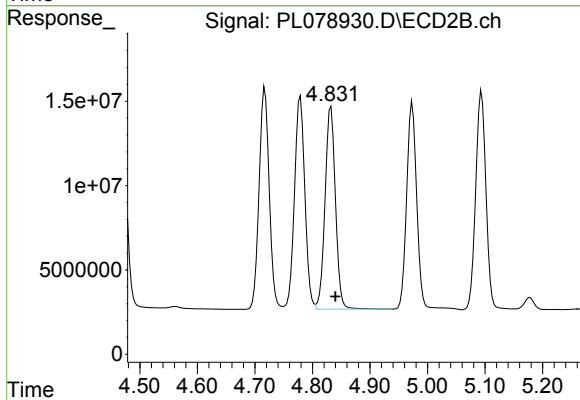
#9 Endosulfan I

R.T.: 5.839 min
Delta R.T.: -0.005 min
Response: 116434870
Conc: 54.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

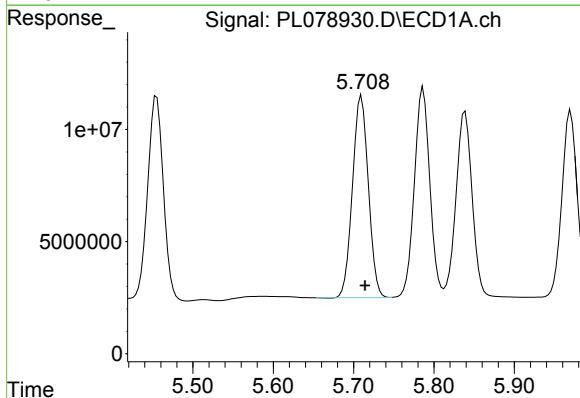
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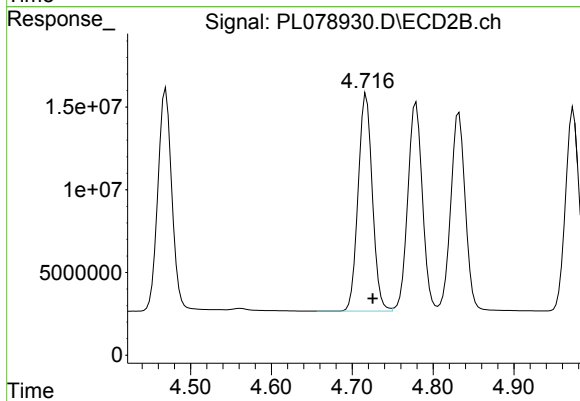
#9 Endosulfan I

R.T.: 4.832 min
Delta R.T.: -0.008 min
Response: 150877267
Conc: 52.71 ng/ml



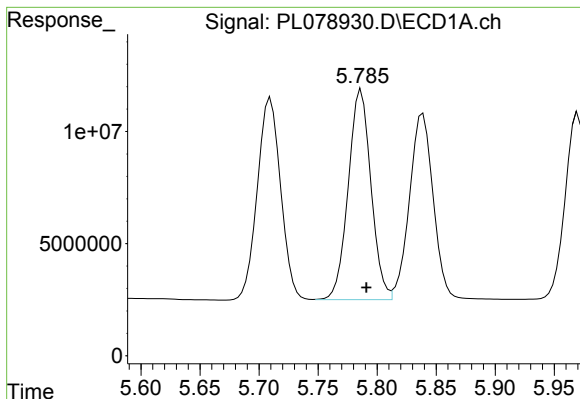
#10 gamma-Chlordane

R.T.: 5.710 min
Delta R.T.: -0.005 min
Response: 123641068
Conc: 54.78 ng/ml



#10 gamma-Chlordane

R.T.: 4.717 min
Delta R.T.: -0.008 min
Response: 160354836
Conc: 52.33 ng/ml



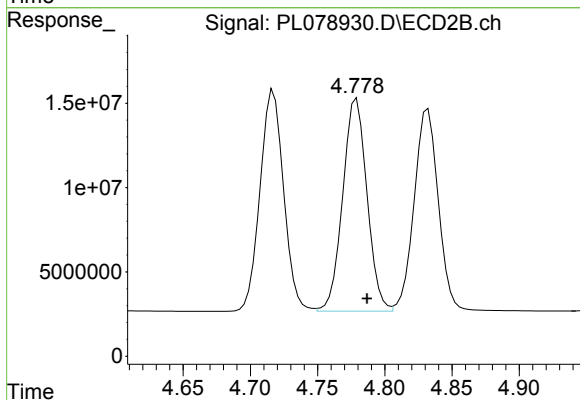
#11 alpha-Chlordane

R.T.: 5.787 min
Delta R.T.: -0.004 min
Response: 125509906
Conc: 54.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

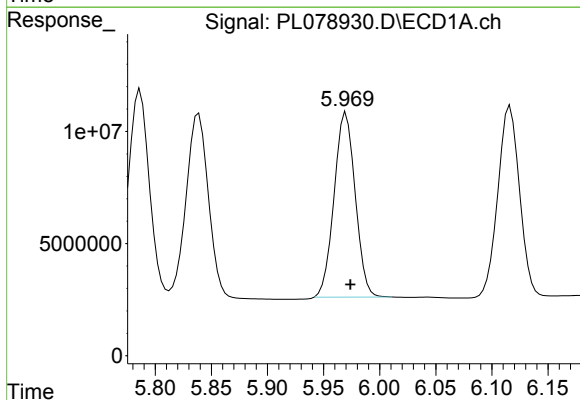
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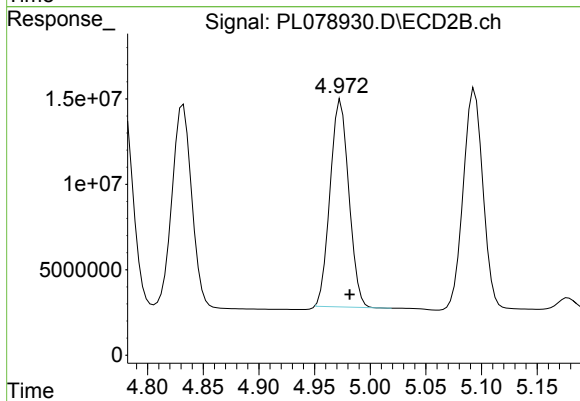
#11 alpha-Chlordane

R.T.: 4.779 min
Delta R.T.: -0.008 min
Response: 158134264
Conc: 53.06 ng/ml



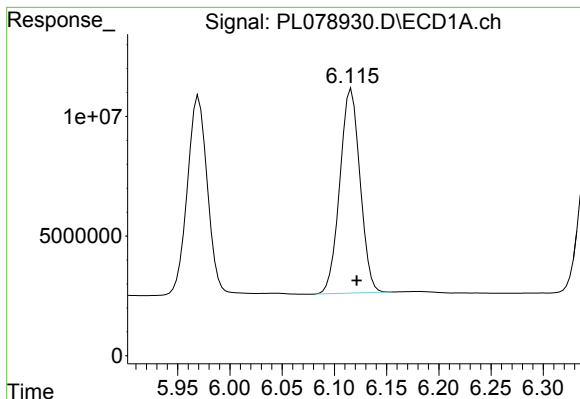
#12 4,4'-DDE

R.T.: 5.970 min
Delta R.T.: -0.004 min
Response: 107944308
Conc: 53.94 ng/ml



#12 4,4'-DDE

R.T.: 4.974 min
Delta R.T.: -0.008 min
Response: 142060531
Conc: 52.18 ng/ml



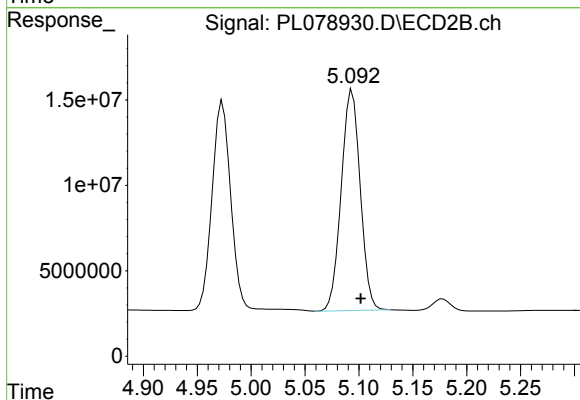
#13 Dieldrin

R.T.: 6.116 min
Delta R.T.: -0.005 min
Response: 114574240
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

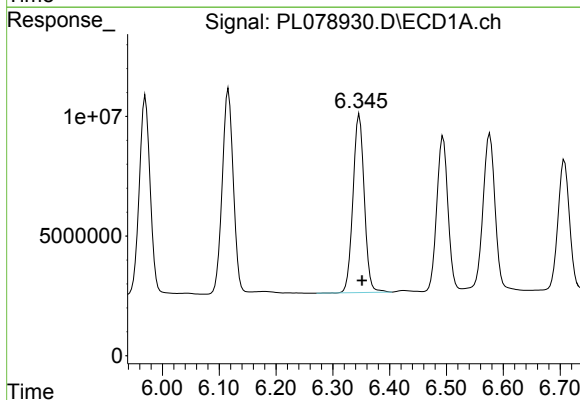
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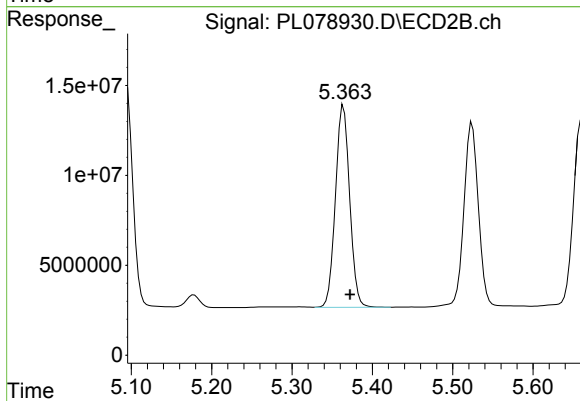
#13 Dieldrin

R.T.: 5.092 min
Delta R.T.: -0.009 min
Response: 158742228
Conc: 53.57 ng/ml m



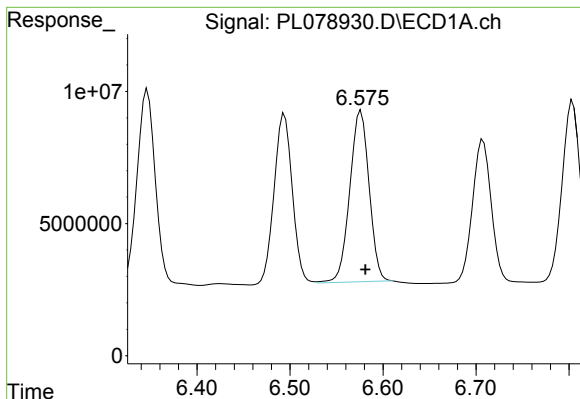
#14 Endrin

R.T.: 6.347 min
Delta R.T.: -0.005 min
Response: 102704986
Conc: 54.12 ng/ml



#14 Endrin

R.T.: 5.364 min
Delta R.T.: -0.008 min
Response: 138360597
Conc: 53.11 ng/ml



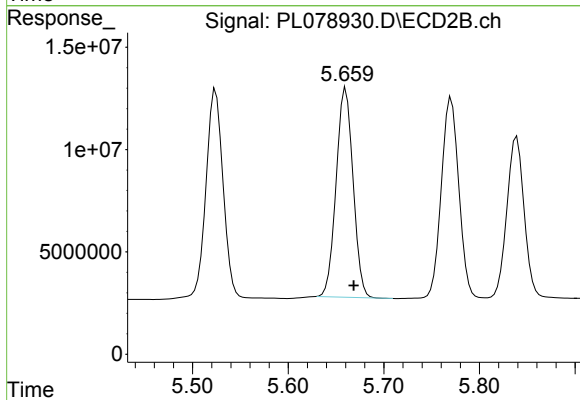
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.005 min
Response: 93517856
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

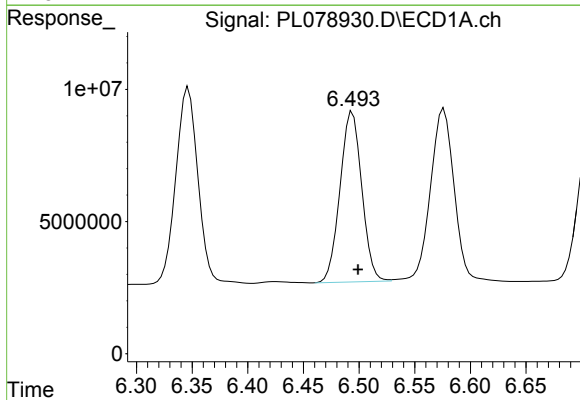
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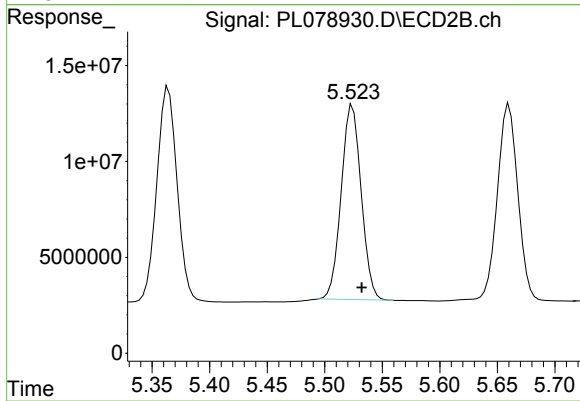
#15 Endosulfan II

R.T.: 5.660 min
Delta R.T.: -0.008 min
Response: 125606789
Conc: 55.18 ng/ml



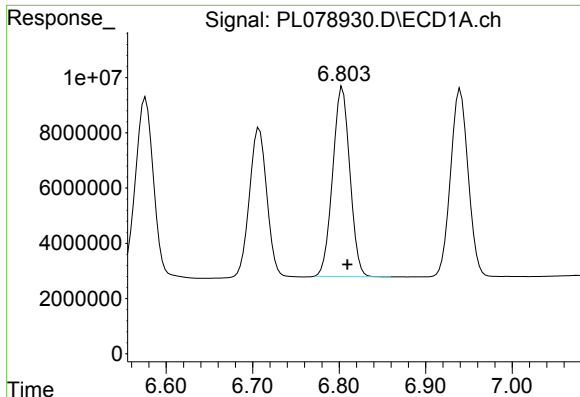
#16 4,4'-DDD

R.T.: 6.494 min
Delta R.T.: -0.005 min
Response: 87670590
Conc: 52.59 ng/ml



#16 4,4'-DDD

R.T.: 5.523 min
Delta R.T.: -0.010 min
Response: 123179562
Conc: 56.08 ng/ml m



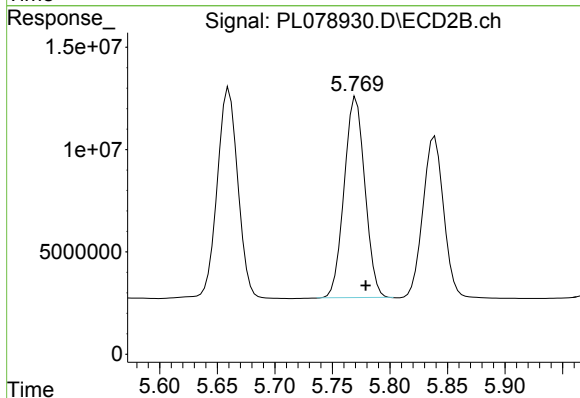
#17 4,4'-DDT

R.T.: 6.804 min
Delta R.T.: -0.006 min
Response: 94384646
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

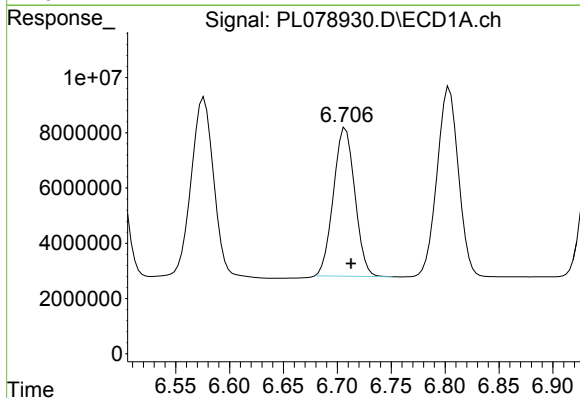
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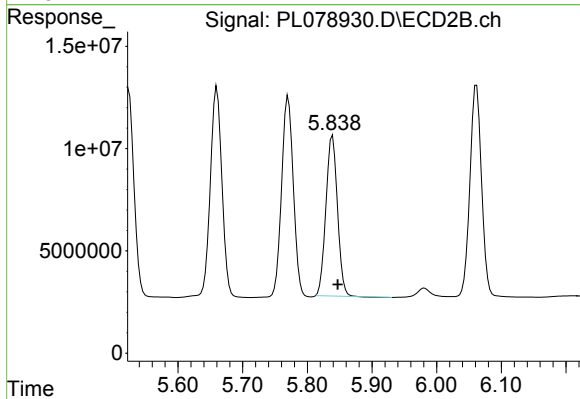
#17 4,4'-DDT

R.T.: 5.769 min
Delta R.T.: -0.010 min
Response: 123248659
Conc: 56.82 ng/ml m



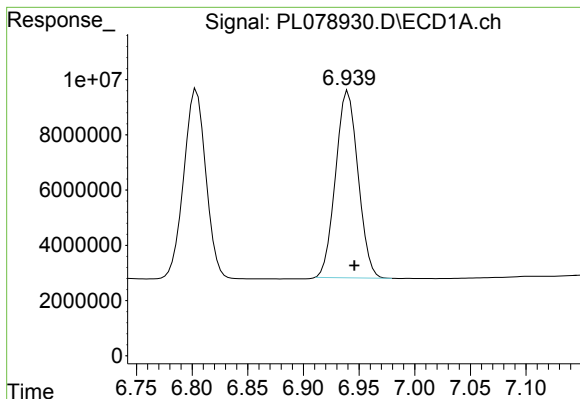
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.005 min
Response: 74095549
Conc: 50.92 ng/ml



#18 Endrin aldehyde

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 97012833
Conc: 51.69 ng/ml



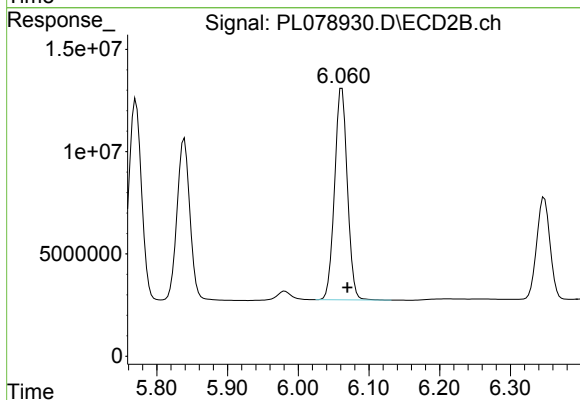
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.006 min
Response: 94974409
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

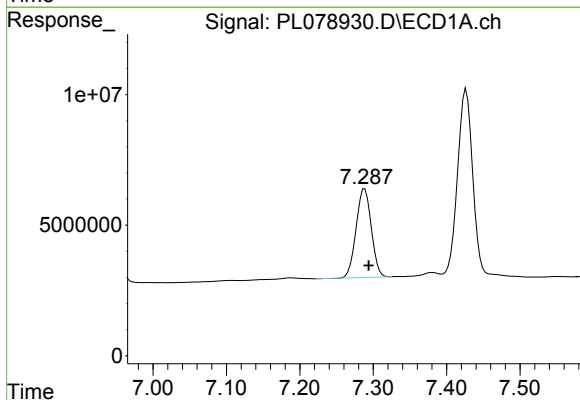
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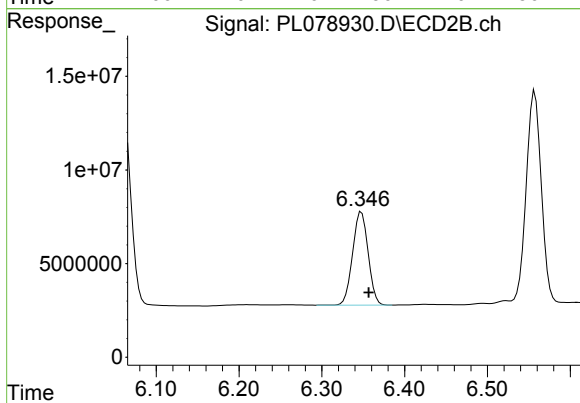
#19 Endosulfan Sulfate

R.T.: 6.062 min
Delta R.T.: -0.008 min
Response: 129759501
Conc: 54.51 ng/ml



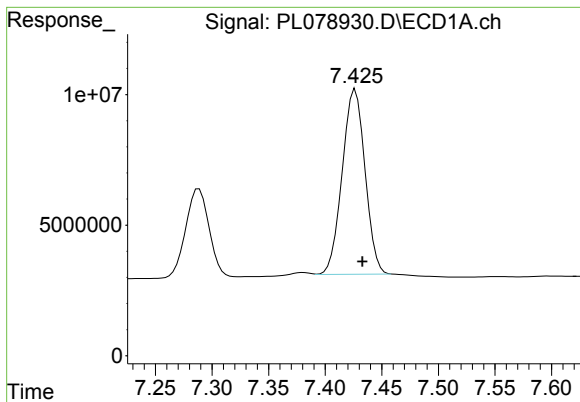
#20 Methoxychlor

R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 48580626
Conc: 52.75 ng/ml



#20 Methoxychlor

R.T.: 6.348 min
Delta R.T.: -0.009 min
Response: 64920002
Conc: 57.21 ng/ml



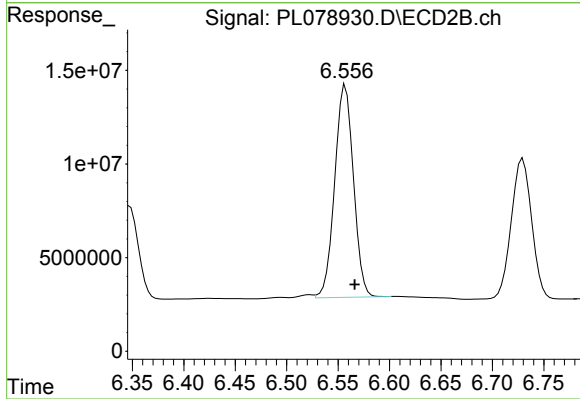
#21 Endrin ketone

R.T.: 7.425 min
Delta R.T.: -0.008 min
Response: 99437900
Conc: 52.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

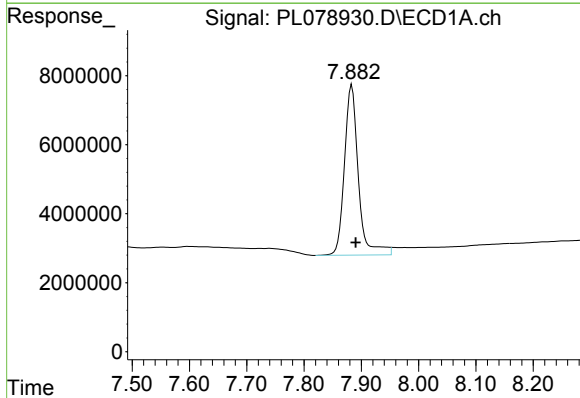
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



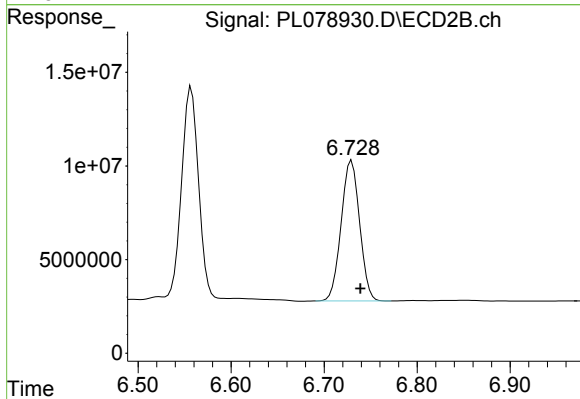
#21 Endrin ketone

R.T.: 6.557 min
Delta R.T.: -0.009 min
Response: 143767625
Conc: 55.62 ng/ml



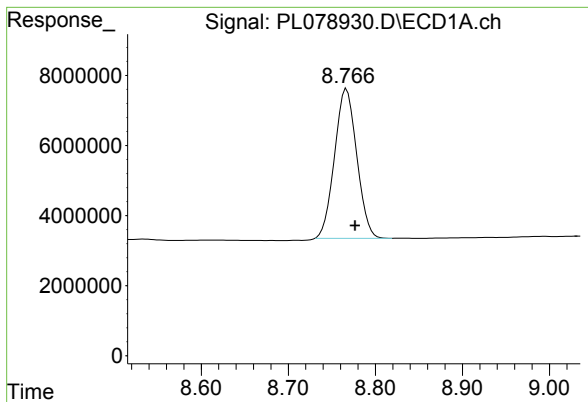
#22 Mirex

R.T.: 7.883 min
Delta R.T.: -0.007 min
Response: 83576583
Conc: 57.25 ng/ml



#22 Mirex

R.T.: 6.730 min
Delta R.T.: -0.010 min
Response: 103582221
Conc: 52.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.767 min
Delta R.T.: -0.009 min
Response: 75680230
Conc: 50.31 ng/ml

Instrument :

ECD_L

ClientSampleId :

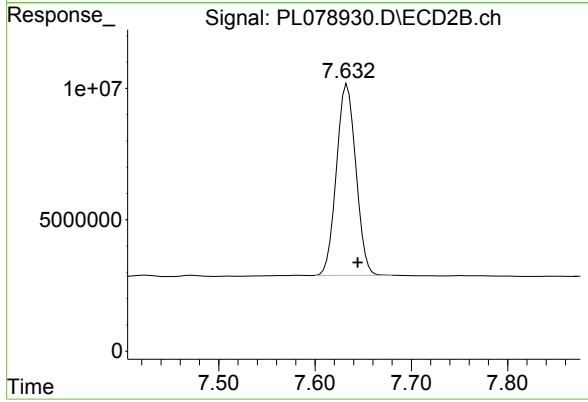
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/10/2022

Supervised By :Ankita Jodhani 11/10/2022



#28 Decachlorobiphenyl

R.T.: 7.634 min
Delta R.T.: -0.011 min
Response: 101906194
Conc: 53.80 ng/ml