

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103122\
 Data File : PL078654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2022 15:43
 Operator : AR\AJ
 Sample : N5313-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMPOSITE-SW-QUARTERMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 22:11:21 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...	3.324	2.573	28180757	38020189	14.777	14.891
28)	SA Decachlor...	8.778	7.644	31368745	39299646	20.852	20.748
Target Compounds							
2)	A alpha-BHC	3.785	3.060	139.8E6	181.9E6	48.691	46.054
3)	MA gamma-BHC...	4.118	3.381	128.4E6	166.5E6	48.060	46.311
4)	MA Heptachlor	4.689	3.708	130.6E6	159.8E6	50.312	46.069
5)	MB Aldrin	5.028	3.978	125.5E6	163.1E6	50.682	46.565m
6)	B beta-BHC	4.333	3.680	51962441	62211200	45.107	43.358
7)	B delta-BHC	4.574	3.900	118.5E6	166.2E6	52.029	45.652
8)	B Heptachlo...	5.461	4.477	113.7E6	142.0E6	53.546	47.140
9)	A Endosulfan I	5.846	4.839	104.1E6	132.8E6	48.777	46.406
10)	B gamma-Chl...	5.716	4.724	114.5E6	143.2E6	50.726	46.737
11)	B alpha-Chl...	5.793	4.786	112.9E6	139.2E6	48.810	46.717
12)	B 4,4'-DDE	5.977	4.981	102.1E6	134.8E6	51.028	49.497
13)	MA Dieldrin	6.123	5.102	111.5E6	145.9E6	51.711	49.252
14)	MA Endrin	6.354	5.373	94862267	129.0E6	49.985	49.500
15)	B Endosulfa...	6.583	5.669	92243921	122.8E6	49.166	53.957
16)	A 4,4'-DDD	6.501	5.533	82574298	111.7E6	49.534	50.844
17)	MA 4,4'-DDT	6.812	5.780	85592443	108.9E6	47.755	50.186
18)	B Endrin al...	6.715	5.848	78044988	98676271	53.637	52.577
19)	B Endosulfa...	6.948	6.070	91734404	119.0E6	49.858	49.969
20)	A Methoxychlor	7.296	6.357	45112586	55563294	48.988	48.963
21)	B Endrin ke...	7.435	6.566	96726844	134.5E6	51.412	52.034
22)	Mirex	7.891	6.739	75802559	97814082	51.926	49.703

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103122\
Data File : PL078654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2022 15:43
Operator : AR\AJ
Sample : N5313-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

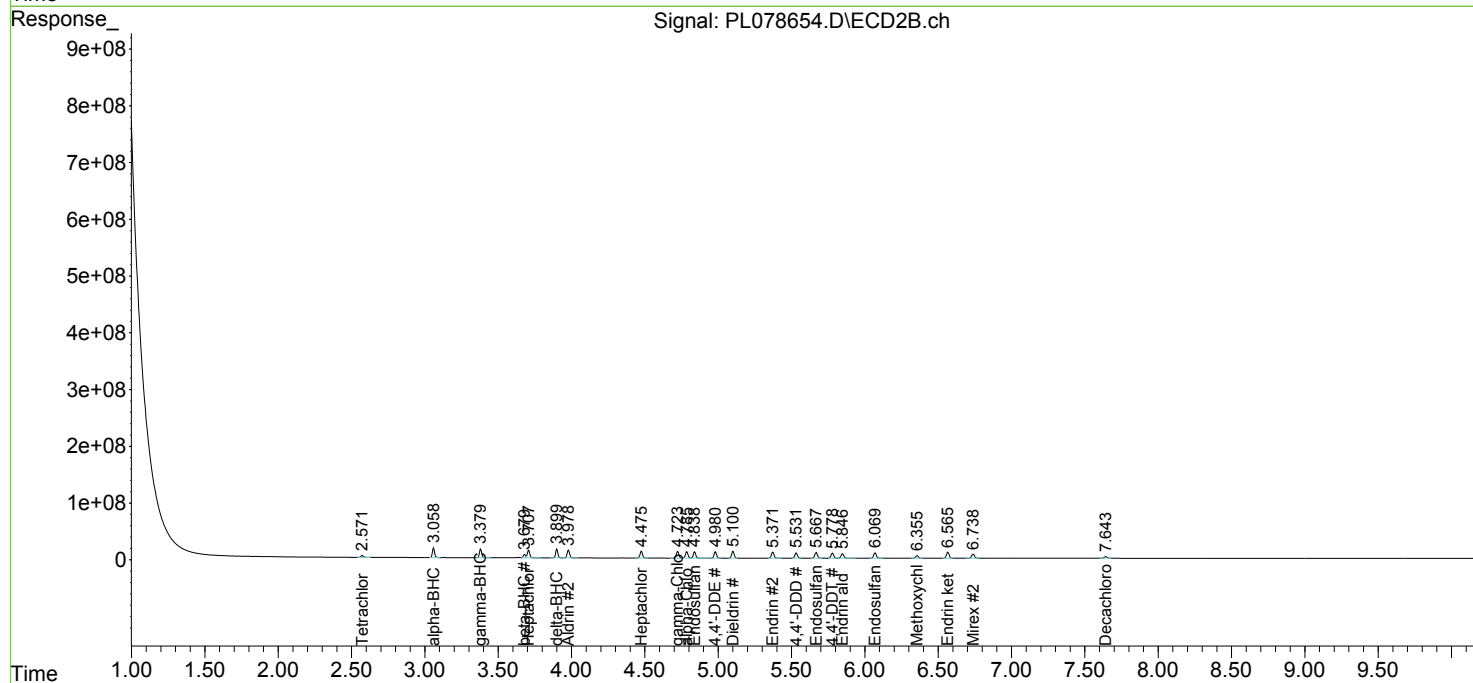
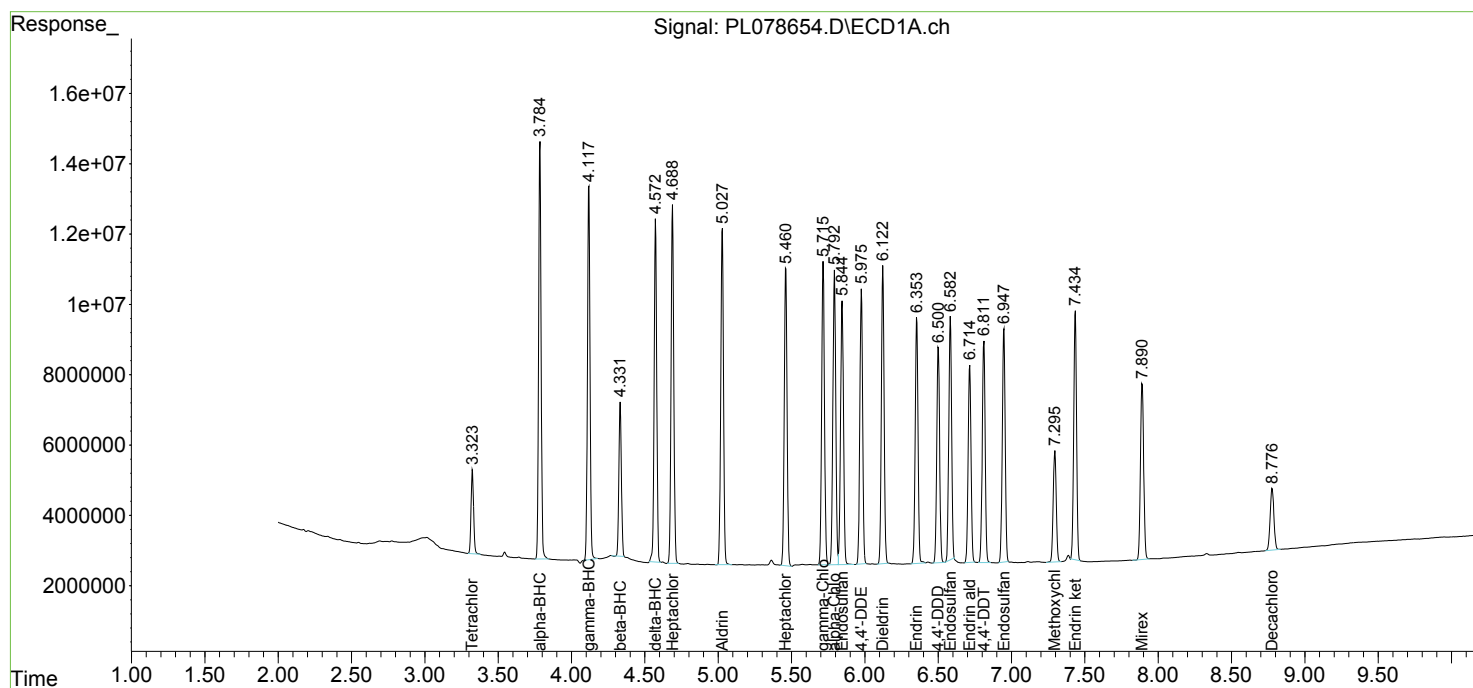
Instrument :
ECD_L
ClientSampleId :
COMPOSITE-SW-QUARTERMS

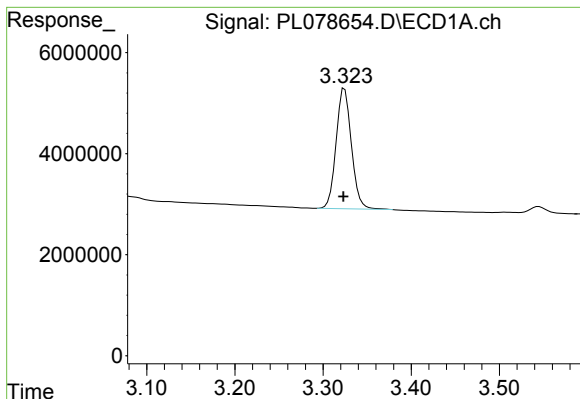
Manual Integrations
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Supervised By : Ankita Jodhani 11/01/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 22:11:21 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





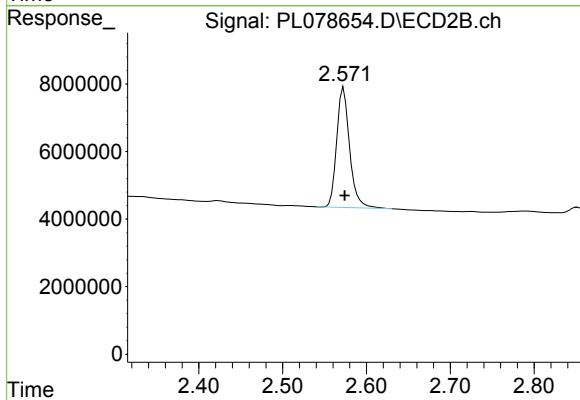
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.001 min
Response: 28180757
Conc: 14.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-SW-QUARTERMS

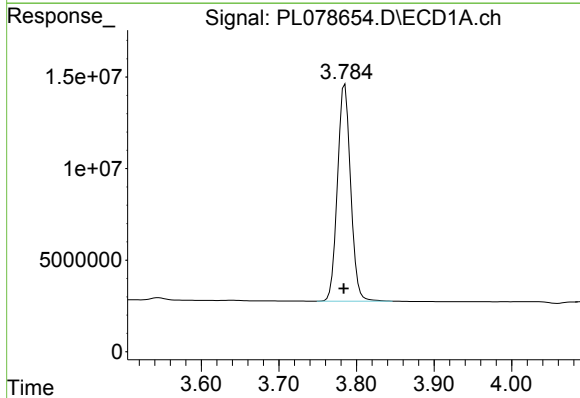
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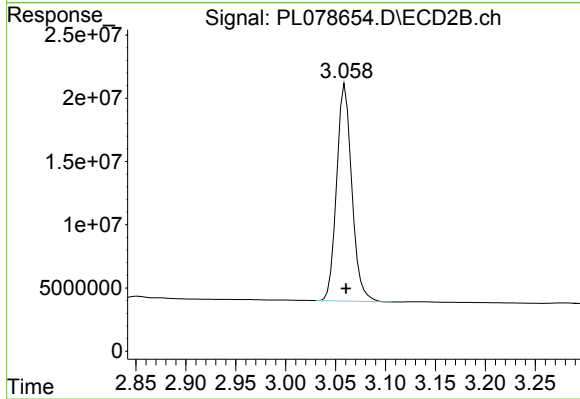
#1 Tetrachloro-m-xylene

R.T.: 2.573 min
Delta R.T.: 0.000 min
Response: 38020189
Conc: 14.89 ng/ml



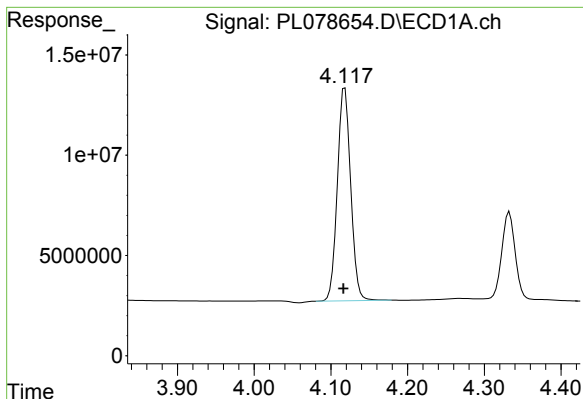
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.001 min
Response: 139811541
Conc: 48.69 ng/ml



#2 alpha-BHC

R.T.: 3.060 min
Delta R.T.: 0.000 min
Response: 181869737
Conc: 46.05 ng/ml



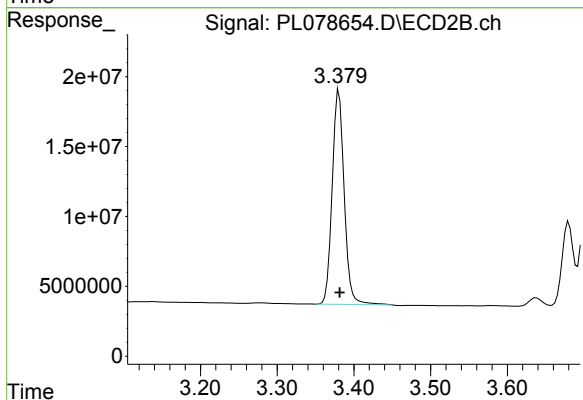
#3 gamma-BHC (Lindane)

R.T.: 4.118 min
Delta R.T.: 0.002 min
Response: 128402886
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-SW-QUARTERMS

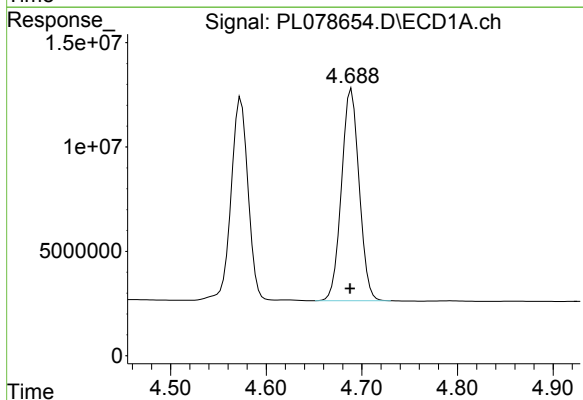
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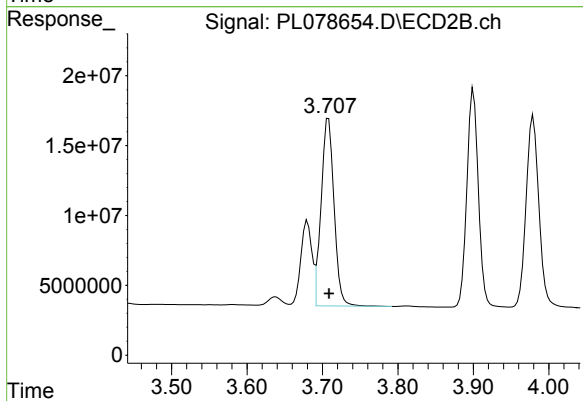
#3 gamma-BHC (Lindane)

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 166451391
Conc: 46.31 ng/ml



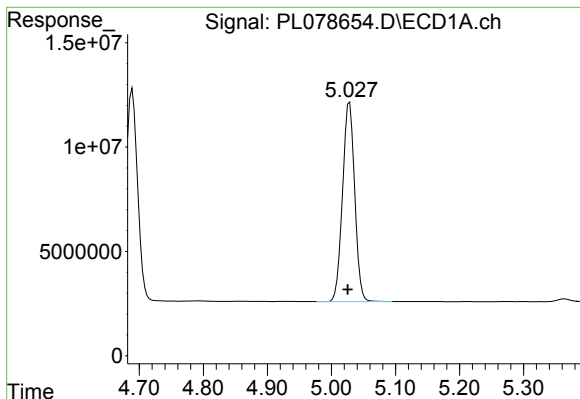
#4 Heptachlor

R.T.: 4.689 min
Delta R.T.: 0.001 min
Response: 130610094
Conc: 50.31 ng/ml



#4 Heptachlor

R.T.: 3.708 min
Delta R.T.: 0.000 min
Response: 159757498
Conc: 46.07 ng/ml



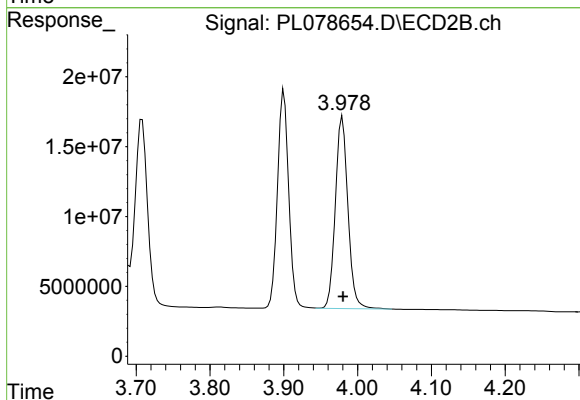
#5 Aldrin

R.T.: 5.028 min
Delta R.T.: 0.003 min
Response: 125525697
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-SW-QUARTERMS

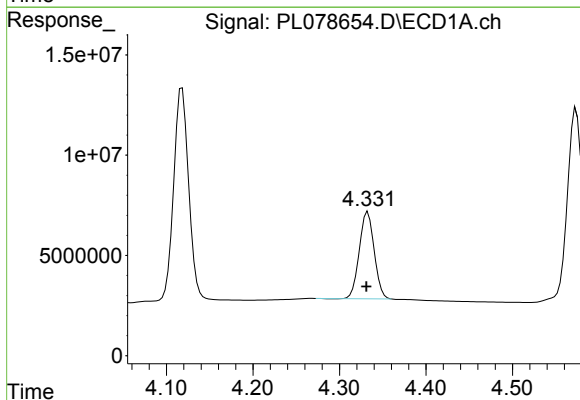
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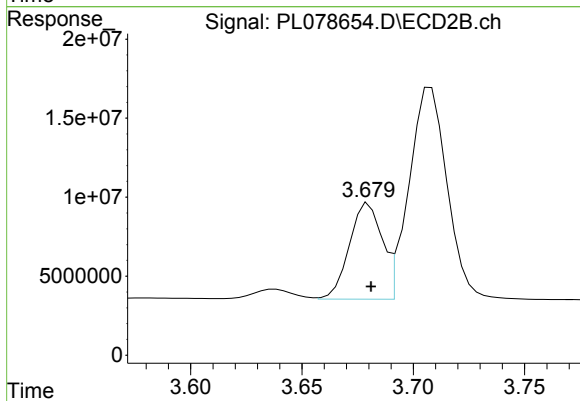
#5 Aldrin

R.T.: 3.978 min
Delta R.T.: -0.002 min
Response: 163058037
Conc: 46.57 ng/ml m



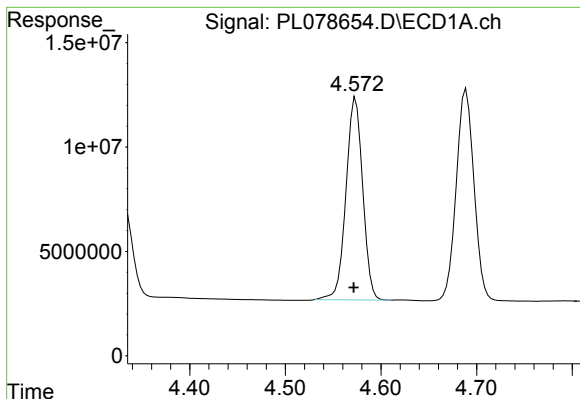
#6 beta-BHC

R.T.: 4.333 min
Delta R.T.: 0.002 min
Response: 51962441
Conc: 45.11 ng/ml



#6 beta-BHC

R.T.: 3.680 min
Delta R.T.: -0.001 min
Response: 62211200
Conc: 43.36 ng/ml



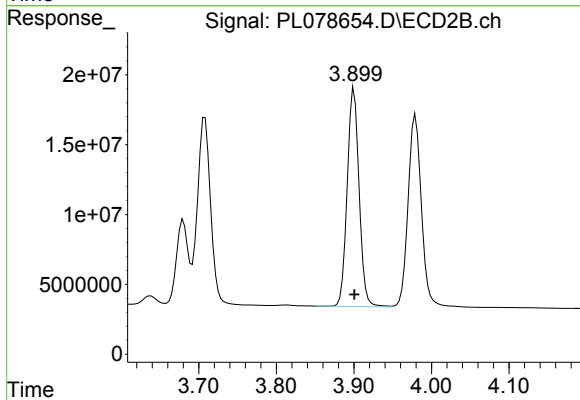
#7 delta-BHC

R.T.: 4.574 min
Delta R.T.: 0.002 min
Response: 118461697
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-SW-QUARTERMS

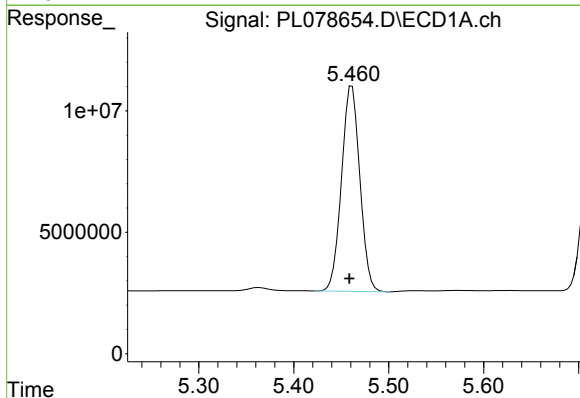
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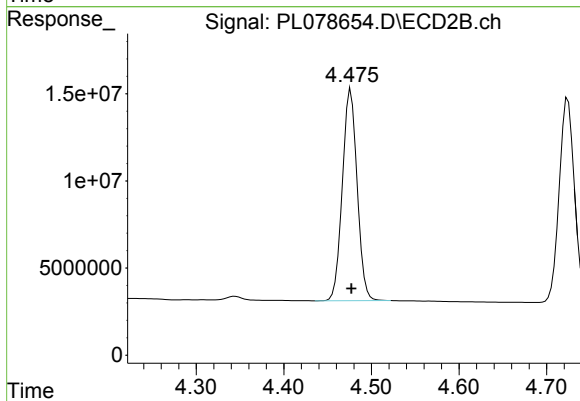
#7 delta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 166234239
Conc: 45.65 ng/ml



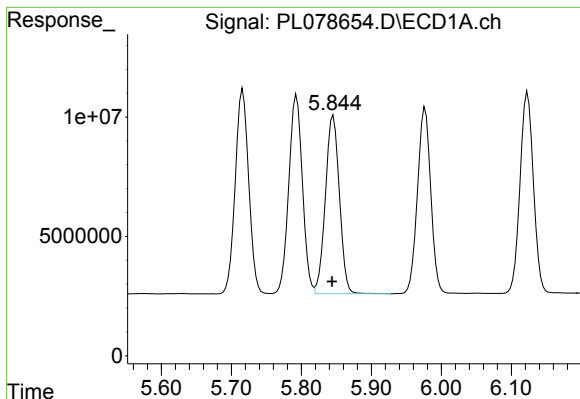
#8 Heptachlor epoxide

R.T.: 5.461 min
Delta R.T.: 0.003 min
Response: 113678047
Conc: 53.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 142043471
Conc: 47.14 ng/ml



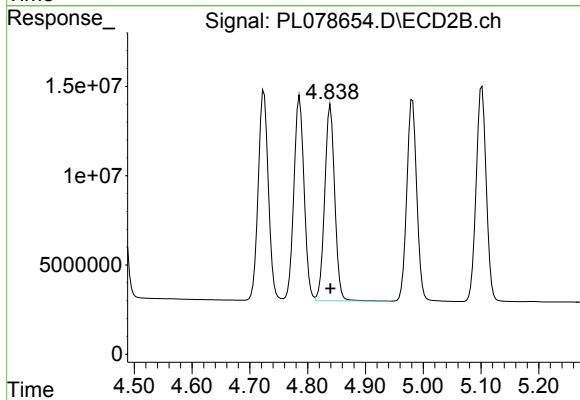
#9 Endosulfan I

R.T.: 5.846 min
Delta R.T.: 0.002 min
Response: 104069058
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-SW-QUARTERMS

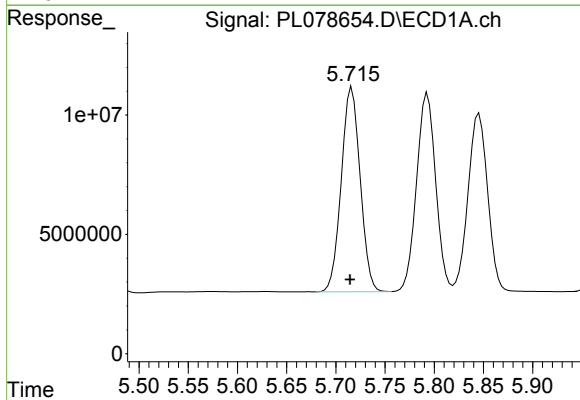
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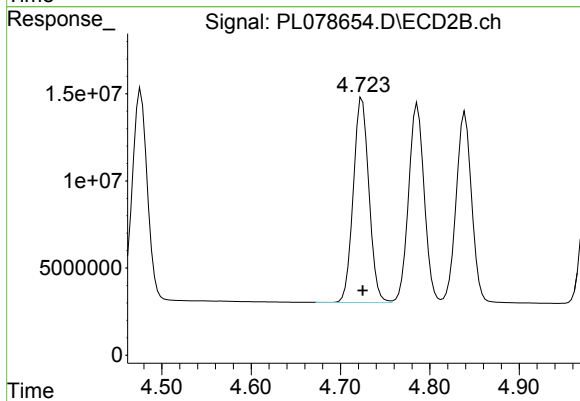
#9 Endosulfan I

R.T.: 4.839 min
Delta R.T.: 0.000 min
Response: 132844331
Conc: 46.41 ng/ml



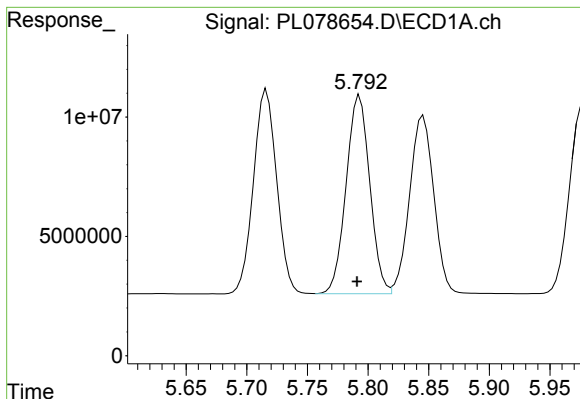
#10 gamma-Chlordane

R.T.: 5.716 min
Delta R.T.: 0.002 min
Response: 114495227
Conc: 50.73 ng/ml



#10 gamma-Chlordane

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 143222440
Conc: 46.74 ng/ml



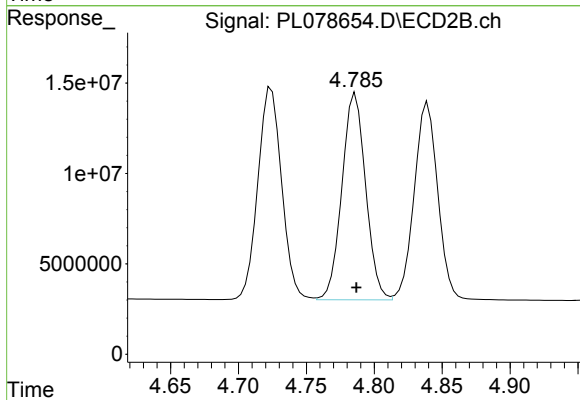
#11 alpha-Chlordane

R.T.: 5.793 min
Delta R.T.: 0.002 min
Response: 112935331
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-SW-QUARTERMS

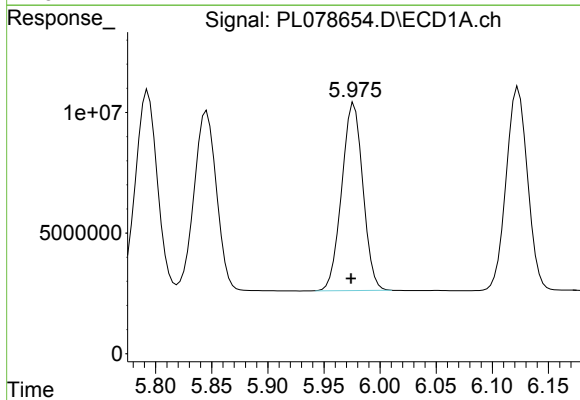
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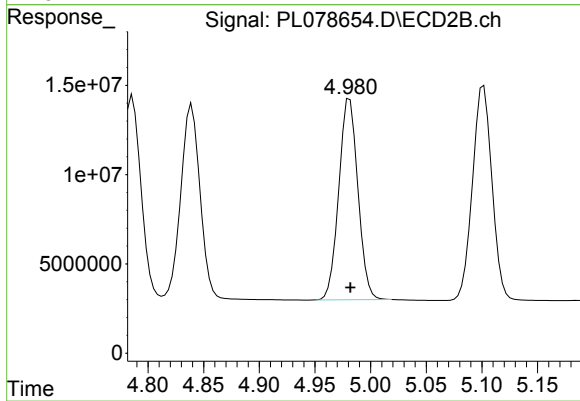
#11 alpha-Chlordane

R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 139234689
Conc: 46.72 ng/ml



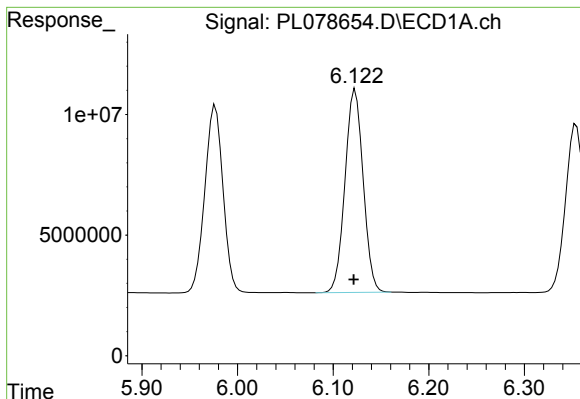
#12 4,4'-DDE

R.T.: 5.977 min
Delta R.T.: 0.003 min
Response: 102125877
Conc: 51.03 ng/ml



#12 4,4'-DDE

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 134757696
Conc: 49.50 ng/ml



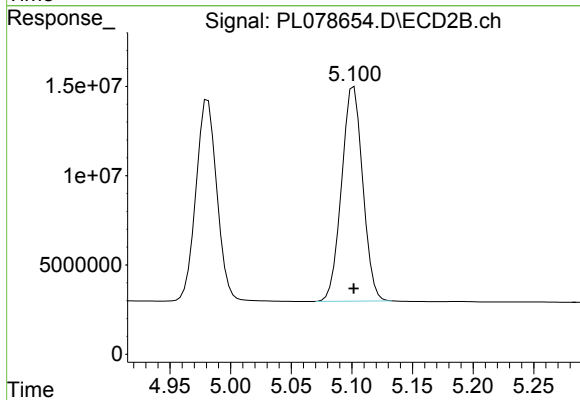
#13 Dieldrin

R.T.: 6.123 min
Delta R.T.: 0.002 min
Response: 111515617
Conc: 51.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-SW-QUARTERMS

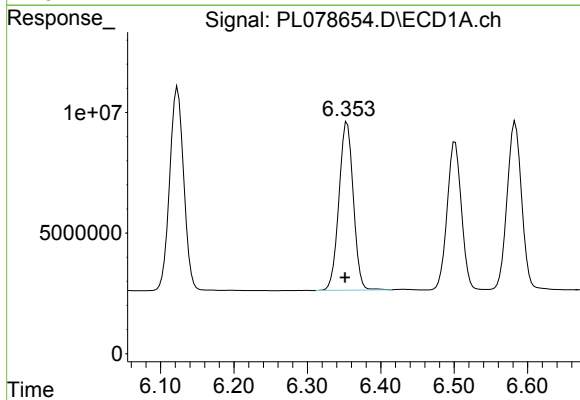
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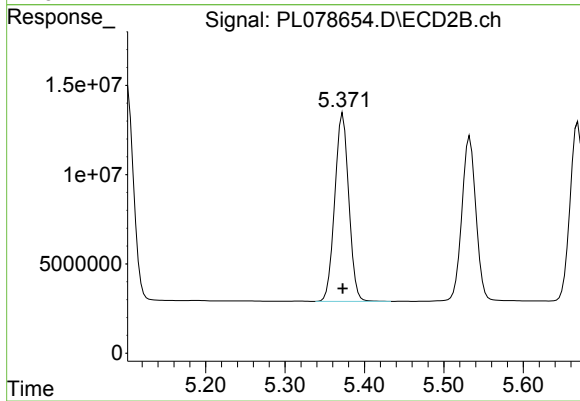
#13 Dieldrin

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 145939181
Conc: 49.25 ng/ml



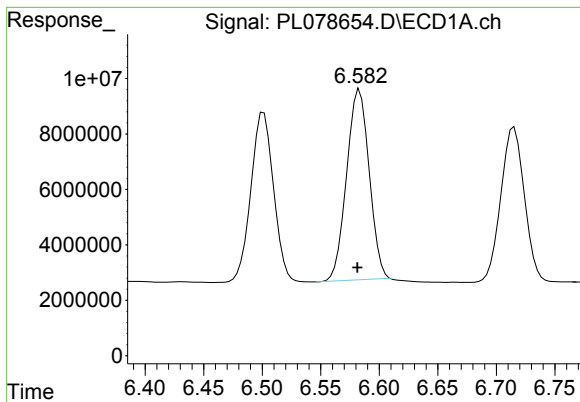
#14 Endrin

R.T.: 6.354 min
Delta R.T.: 0.003 min
Response: 94862267
Conc: 49.98 ng/ml



#14 Endrin

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 128960969
Conc: 49.50 ng/ml



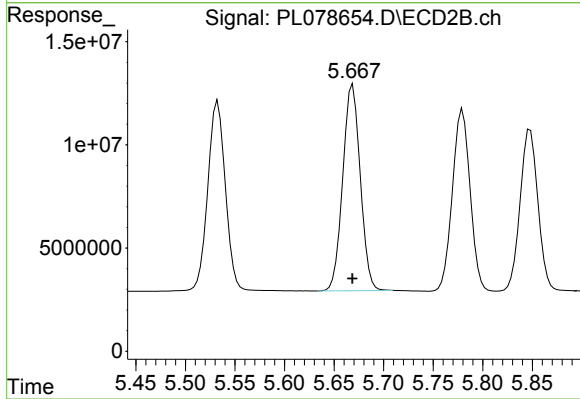
#15 Endosulfan II

R.T.: 6.583 min
Delta R.T.: 0.002 min
Response: 92243921
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-SW-QUARTERMS

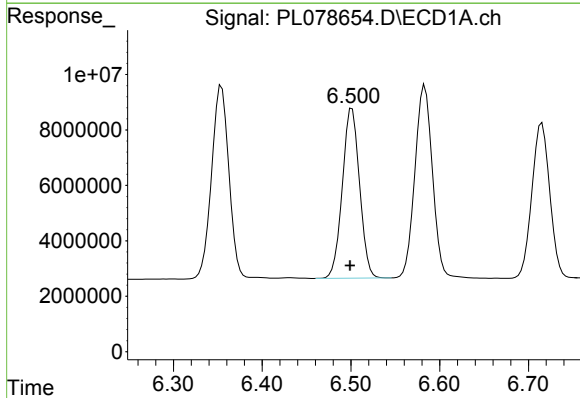
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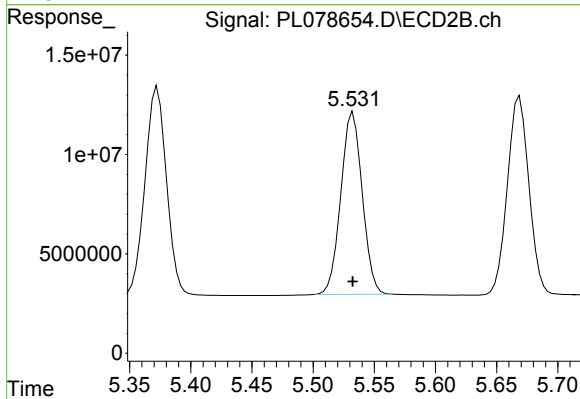
#15 Endosulfan II

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 122820600
Conc: 53.96 ng/ml



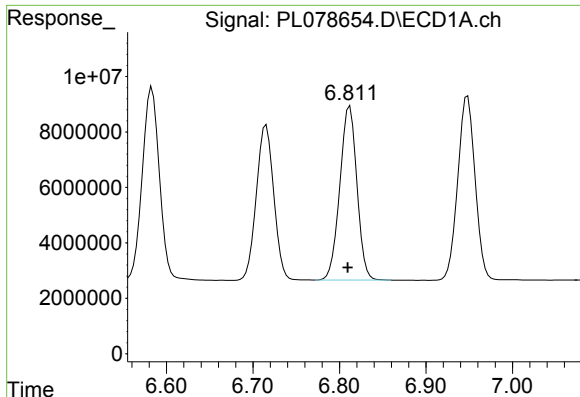
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: 0.002 min
Response: 82574298
Conc: 49.53 ng/ml



#16 4,4'-DDD

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 111673835
Conc: 50.84 ng/ml



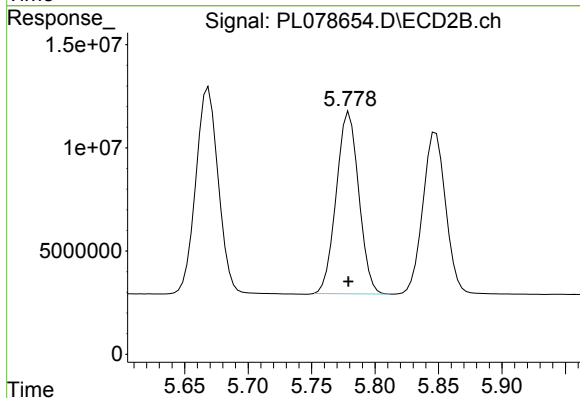
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: 0.003 min
Response: 85592443
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-SW-QUARTERMS

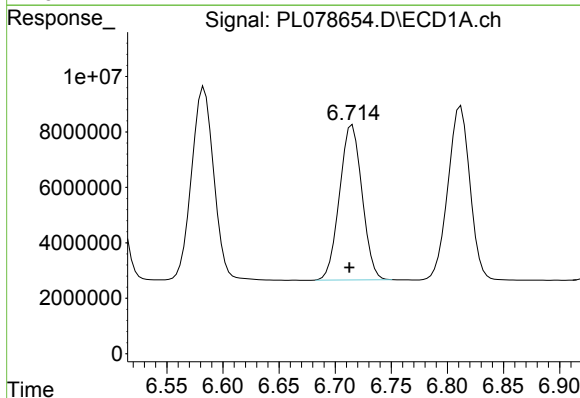
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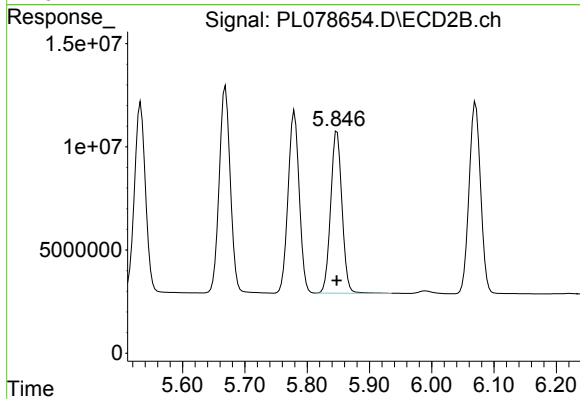
#17 4,4'-DDT

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 108859179
Conc: 50.19 ng/ml



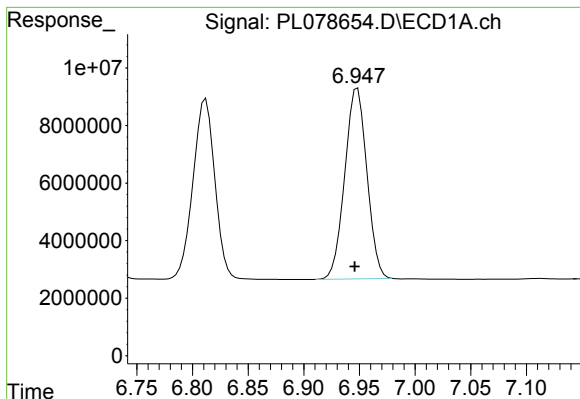
#18 Endrin aldehyde

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 78044988
Conc: 53.64 ng/ml



#18 Endrin aldehyde

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 98676271
Conc: 52.58 ng/ml



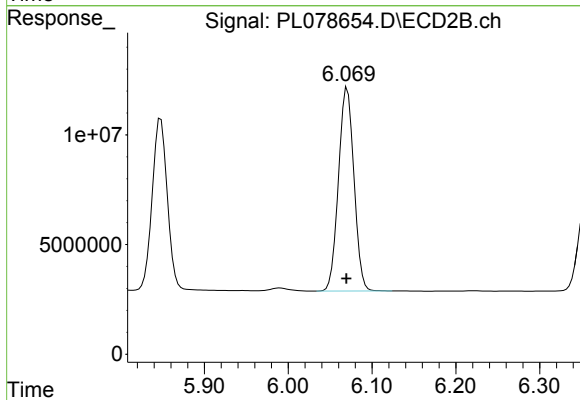
#19 Endosulfan Sulfate

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 91734404
Conc: 49.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-SW-QUARTERMS

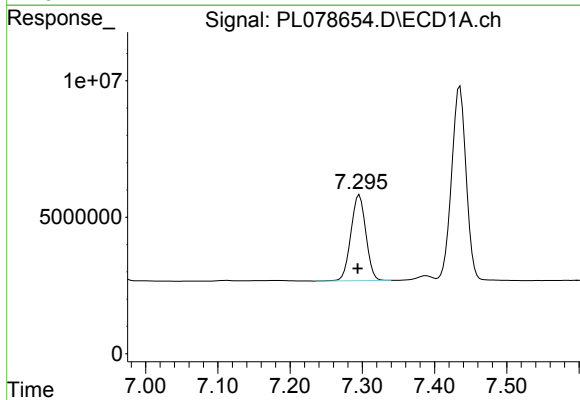
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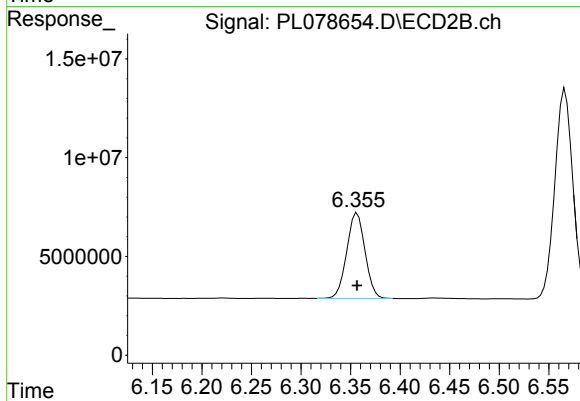
#19 Endosulfan Sulfate

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 118950597
Conc: 49.97 ng/ml



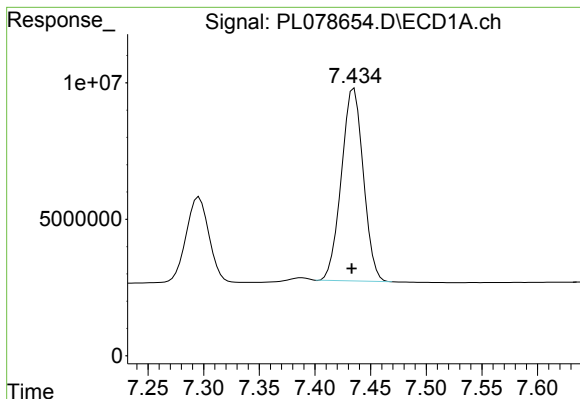
#20 Methoxychlor

R.T.: 7.296 min
Delta R.T.: 0.002 min
Response: 45112586
Conc: 48.99 ng/ml



#20 Methoxychlor

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 55563294
Conc: 48.96 ng/ml



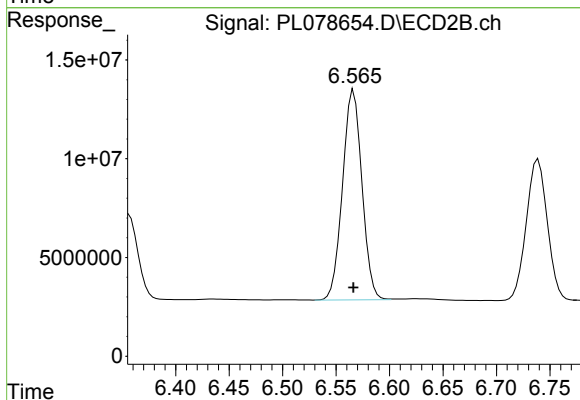
#21 Endrin ketone

R.T.: 7.435 min
Delta R.T.: 0.002 min
Response: 96726844
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-SW-QUARTERMS

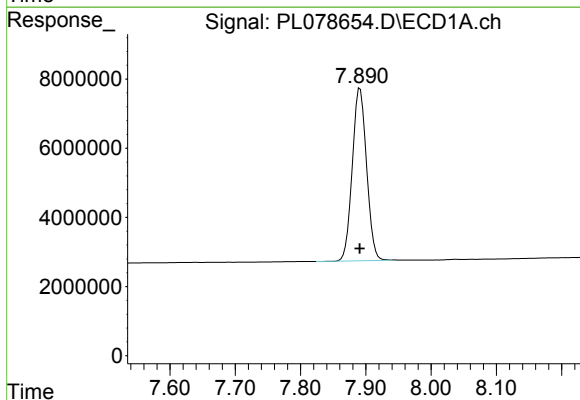
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2022
Supervised By :Ankita Jodhani 11/01/2022



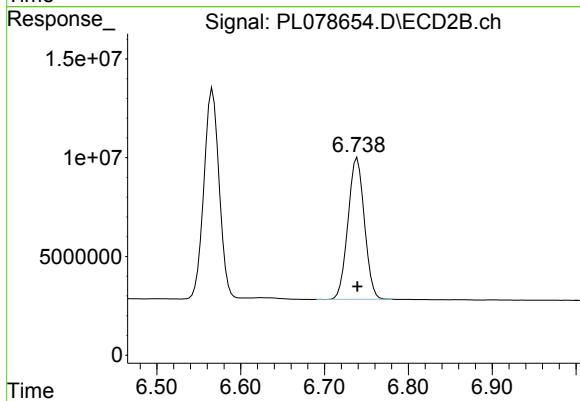
#21 Endrin ketone

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 134493717
Conc: 52.03 ng/ml



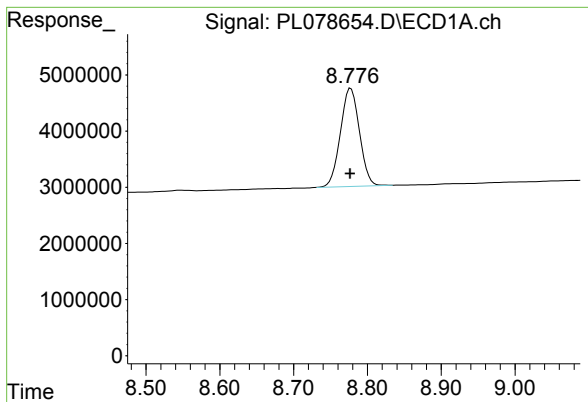
#22 Mirex

R.T.: 7.891 min
Delta R.T.: 0.000 min
Response: 75802559
Conc: 51.93 ng/ml



#22 Mirex

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 97814082
Conc: 49.70 ng/ml



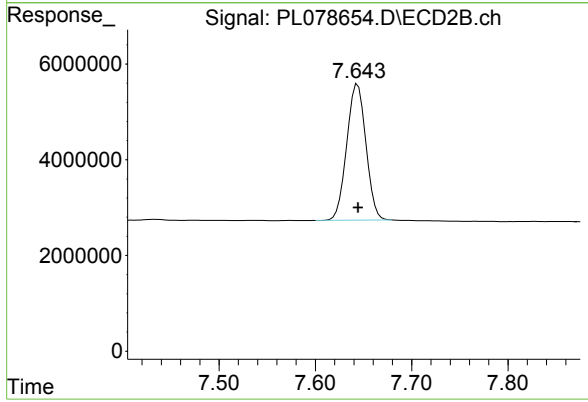
#28 Decachlorobiphenyl

R.T.: 8.778 min
Delta R.T.: 0.000 min
Response: 31368745
Conc: 20.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-SW-QUARTERMS

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#28 Decachlorobiphenyl

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 39299646
Conc: 20.75 ng/ml