

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042123\
 Data File : PL082246.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 14:56
 Operator : AR\AJ
 Sample : 02427-13MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20230353-COMP-31MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2023
 Supervised By :Ankita Jodhani 04/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 21:47:42 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...	3.325	2.649	39184044	31612096	14.669	13.645
28)	SA Decachlor...	8.744	7.762	19734238	21370872	10.337	9.363
Target Compounds							
2)	A alpha-BHC	3.774	3.148	171.3E6	137.1E6	43.038	40.271
3)	MA gamma-BHC...	4.103	3.475	166.3E6	137.4E6	44.465	42.743
4)	MA Heptachlor	4.680	3.807	149.1E6	131.9E6	40.808m	38.525
5)	MB Aldrin	5.017	4.084	146.9E6	145.7E6	44.540m	46.261
6)	B beta-BHC	4.306	3.775	71845563	55345904	42.126	40.564
7)	B delta-BHC	4.548	4.001	161.2E6	125.4E6	44.815	40.869
8)	B Heptachlo...	5.445	4.586	131.1E6	120.4E6	42.971	41.777
9)	A Endosulfan I	5.824	4.953	133.6E6	110.2E6	48.173	41.287
10)	B gamma-Chl...	5.699	4.835	135.8E6	122.5E6	45.159	42.205
11)	B alpha-Chl...	5.777	4.897	127.1E6	123.7E6	42.574	42.615
12)	B 4,4'-DDE	5.955	5.088	112.4E6	99140358	44.219	43.124
13)	MA Dieldrin	6.099	5.218	124.2E6	117.7E6	45.029	43.578
14)	MA Endrin	6.326	5.492	109.6E6	104.5E6	45.214	42.709
15)	B Endosulfa...	6.548	5.788	104.1E6	101.8E6	42.767	45.177
16)	A 4,4'-DDD	6.471	5.643	92263475	80542122	45.513	43.061
17)	MA 4,4'-DDT	6.782	5.891	97225192	89697690	42.499	42.459
18)	B Endrin al...	6.678	5.968	86866889	84468623	46.103	45.137
19)	B Endosulfa...	6.913	6.190	103.8E6	99191371	43.773	42.132
20)	A Methoxychlor	7.261	6.470	57053565	53720939	46.753	44.330
21)	B Endrin ke...	7.392	6.695	110.6E6	110.7E6	46.177	43.595
22)	Mirex	7.856	6.867	85516128	96571860	43.713	41.910

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042123\
Data File : PL082246.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2023 14:56
Operator : AR\AJ
Sample : 02427-13MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

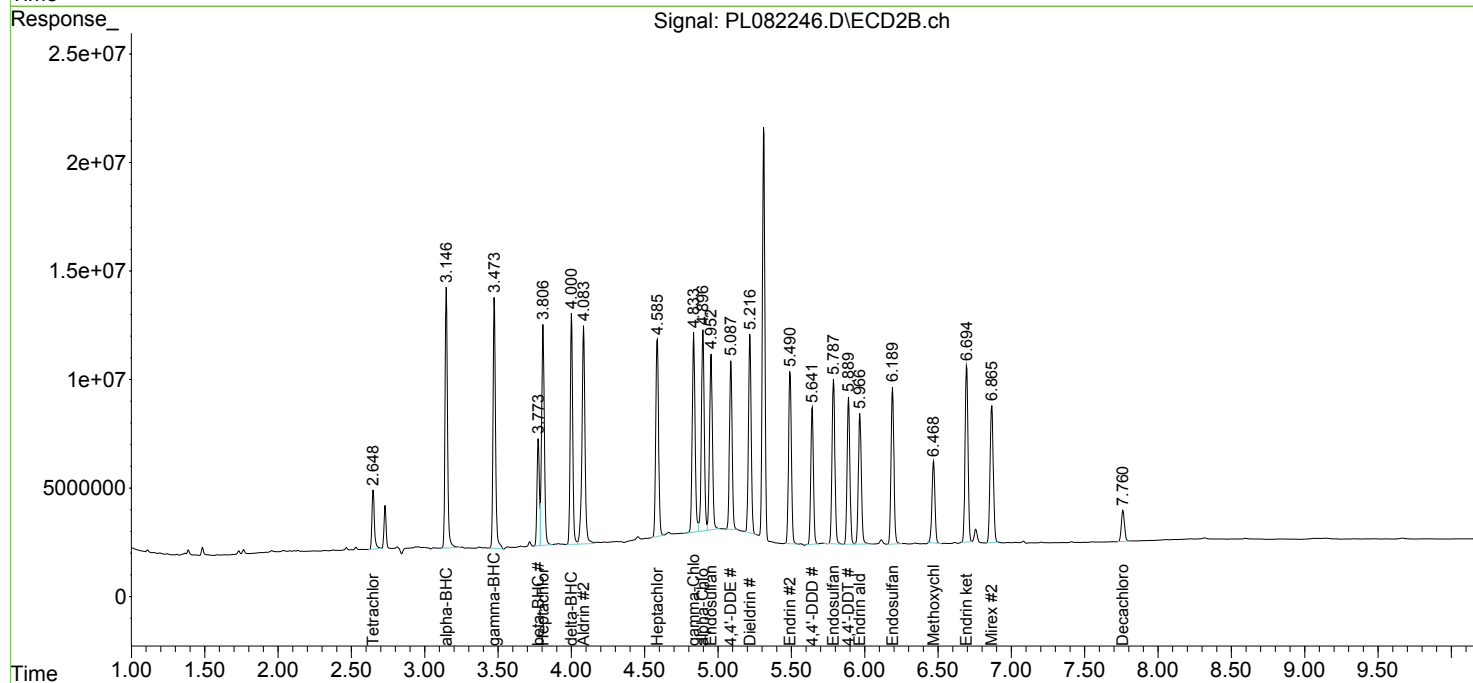
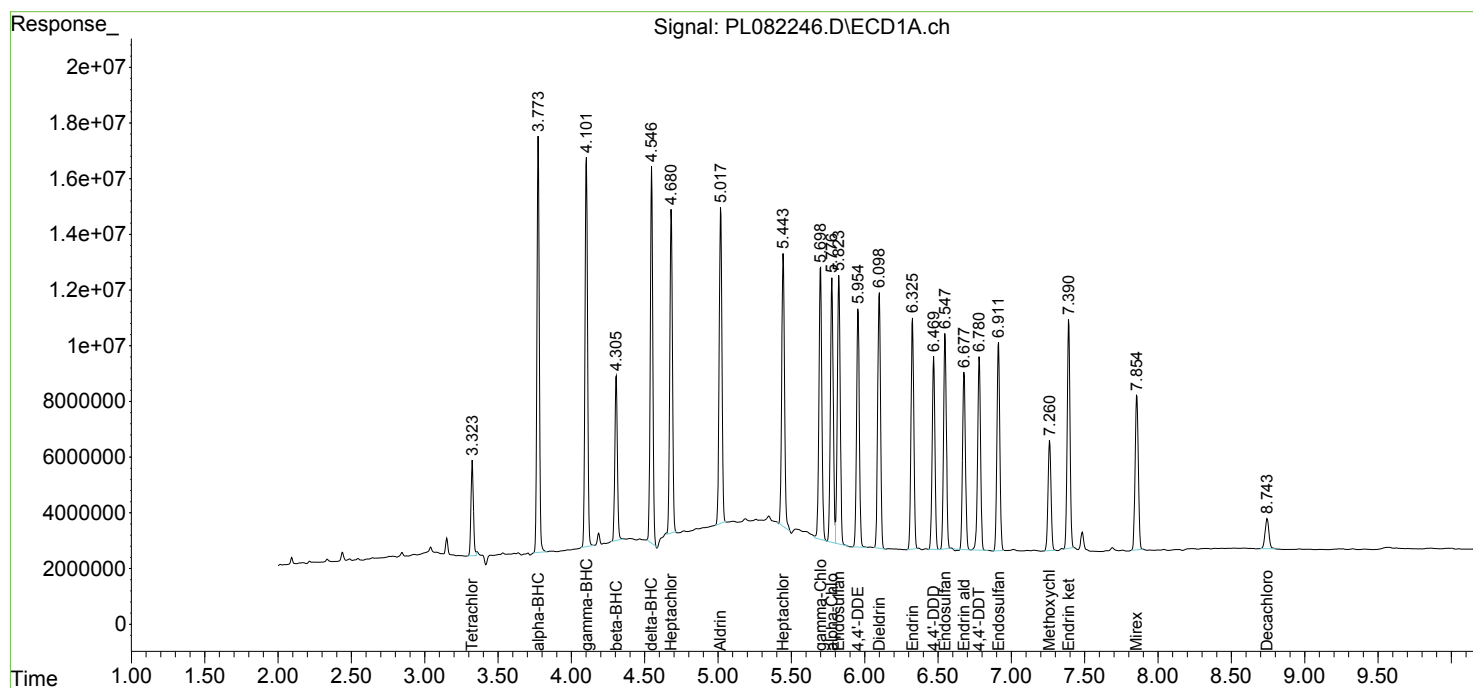
Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MS

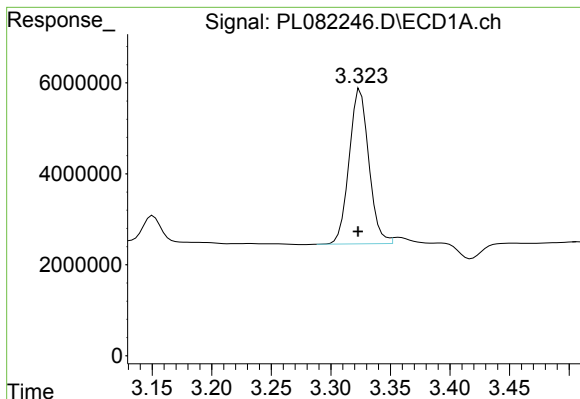
Manual Integrations
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Supervised By :Ankita Jodhani 04/24/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 21:47:42 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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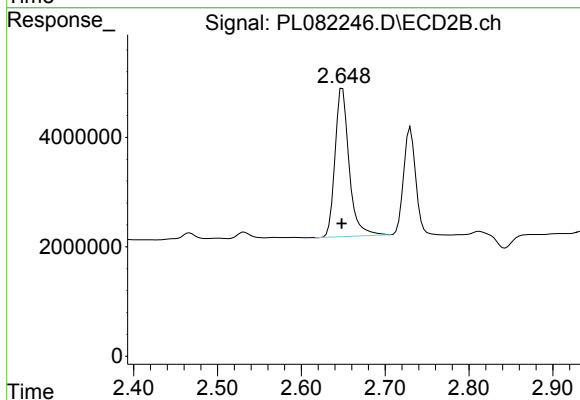
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: 0.002 min
Response: 39184044
Conc: 14.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
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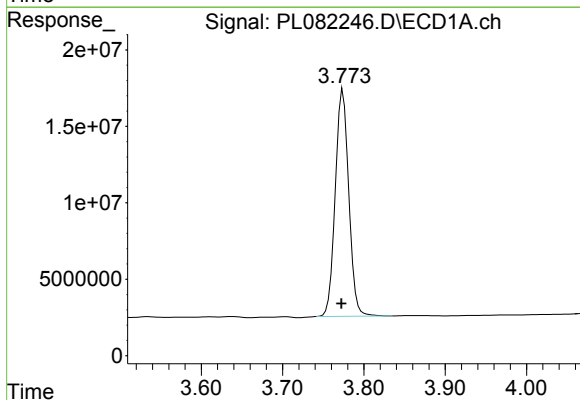
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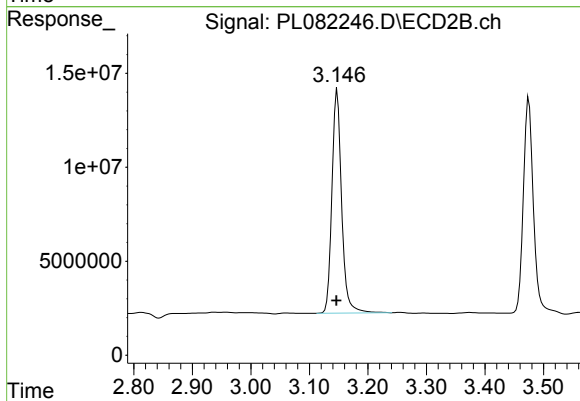
#1 Tetrachloro-m-xylene

R.T.: 2.649 min
Delta R.T.: 0.000 min
Response: 31612096
Conc: 13.65 ng/ml



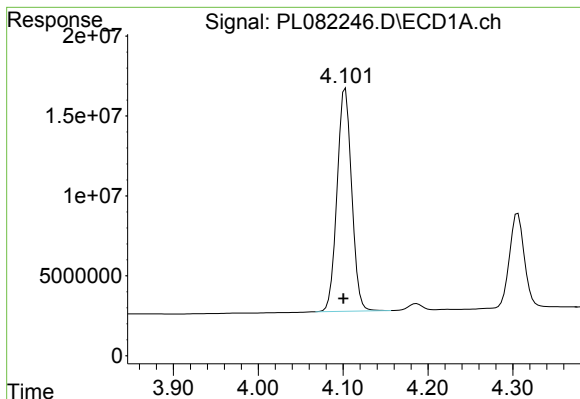
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: 0.002 min
Response: 171302242
Conc: 43.04 ng/ml



#2 alpha-BHC

R.T.: 3.148 min
Delta R.T.: 0.001 min
Response: 137060094
Conc: 40.27 ng/ml



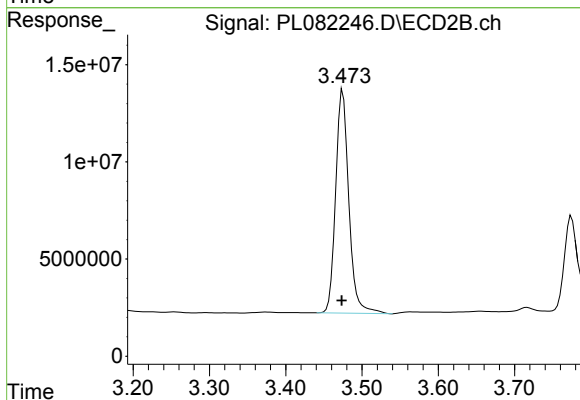
#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: 0.002 min
Response: 166250570
Conc: 44.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MS

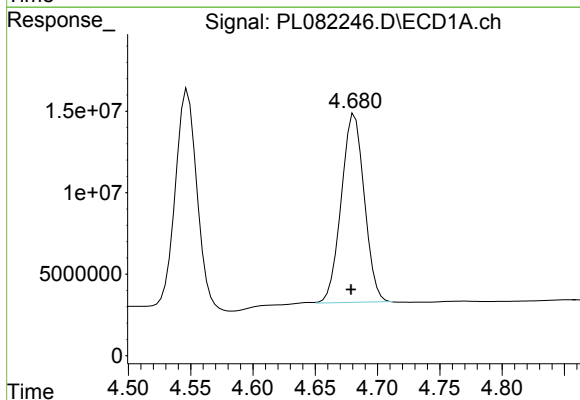
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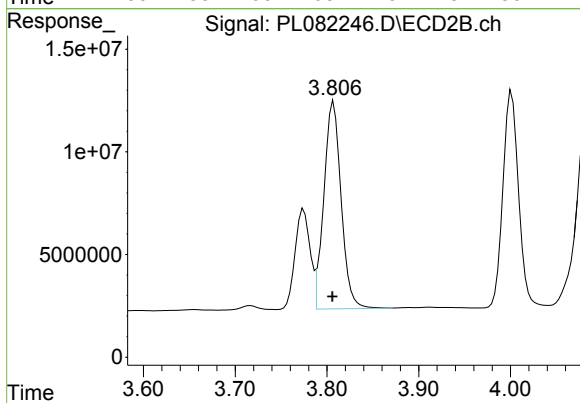
#3 gamma-BHC (Lindane)

R.T.: 3.475 min
Delta R.T.: 0.001 min
Response: 137431755
Conc: 42.74 ng/ml



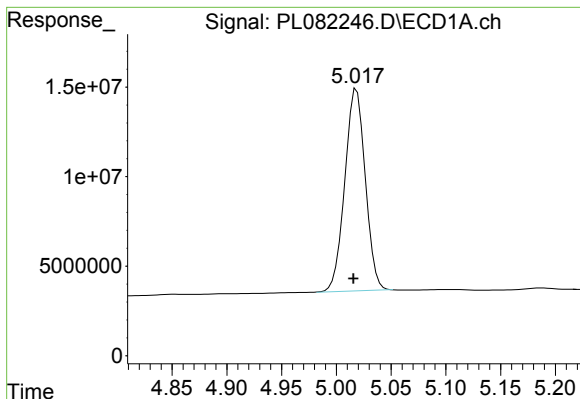
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: 0.001 min
Response: 149109856
Conc: 40.81 ng/ml m



#4 Heptachlor

R.T.: 3.807 min
Delta R.T.: 0.001 min
Response: 131878870
Conc: 38.52 ng/ml



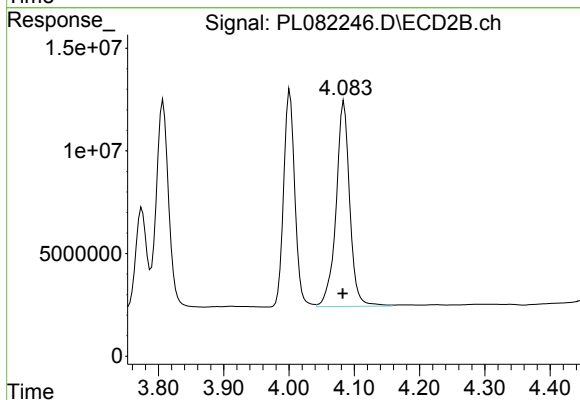
#5 Aldrin

R.T.: 5.017 min
Delta R.T.: 0.002 min
Response: 146875341
Conc: 44.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
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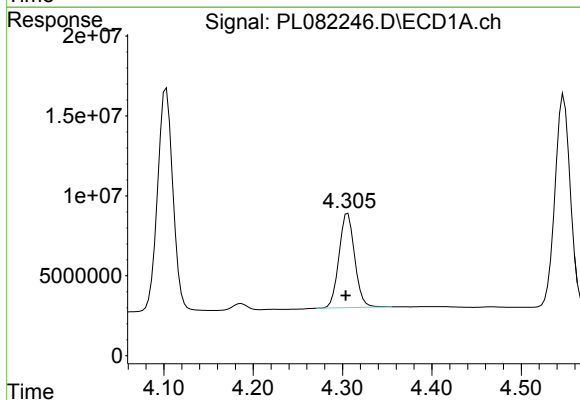
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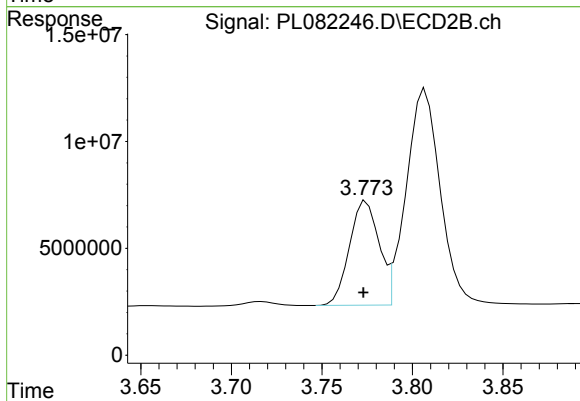
#5 Aldrin

R.T.: 4.084 min
Delta R.T.: 0.002 min
Response: 145714498
Conc: 46.26 ng/ml



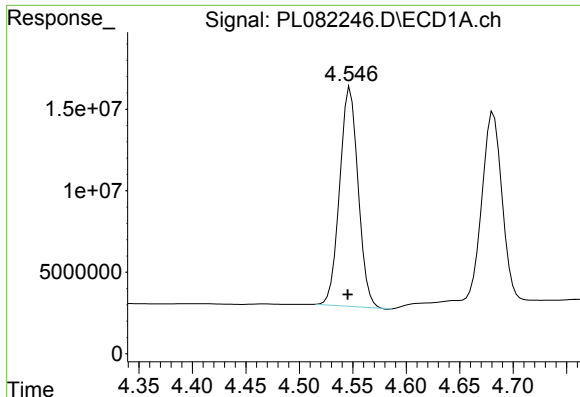
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: 0.002 min
Response: 71845563
Conc: 42.13 ng/ml



#6 beta-BHC

R.T.: 3.775 min
Delta R.T.: 0.002 min
Response: 55345904
Conc: 40.56 ng/ml



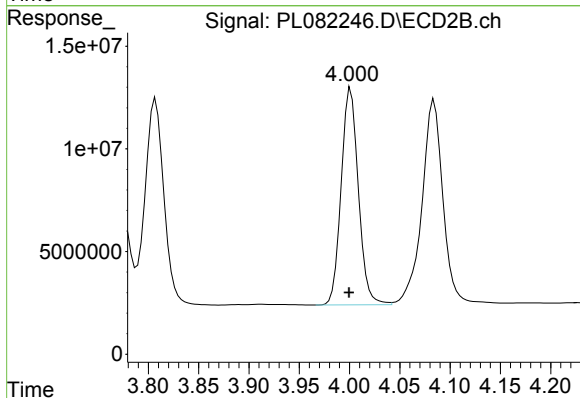
#7 delta-BHC

R.T.: 4.548 min
Delta R.T.: 0.002 min
Response: 161233196
Conc: 44.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MS

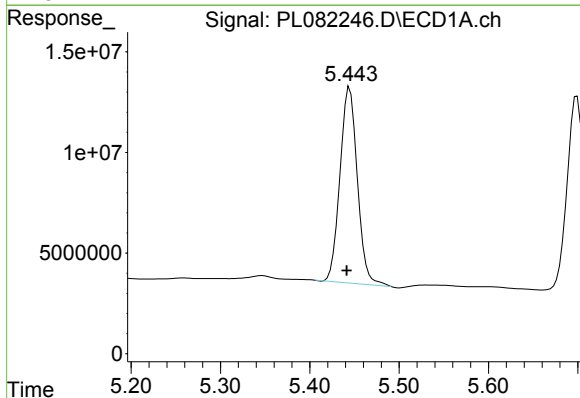
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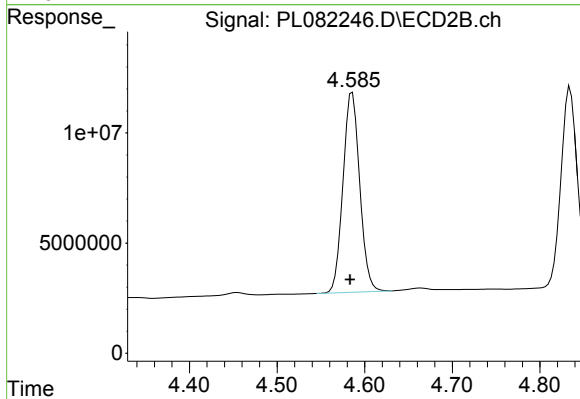
#7 delta-BHC

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 125360655
Conc: 40.87 ng/ml



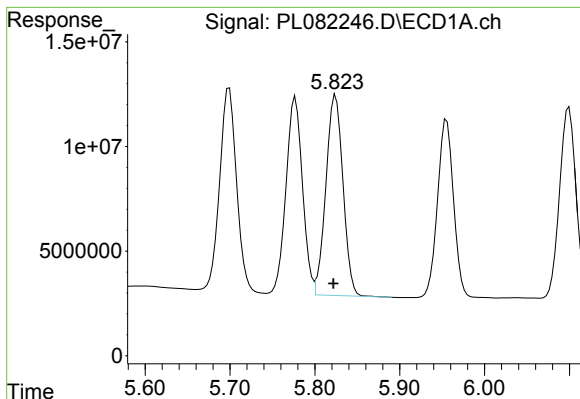
#8 Heptachlor epoxide

R.T.: 5.445 min
Delta R.T.: 0.004 min
Response: 131075253
Conc: 42.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.586 min
Delta R.T.: 0.002 min
Response: 120354118
Conc: 41.78 ng/ml



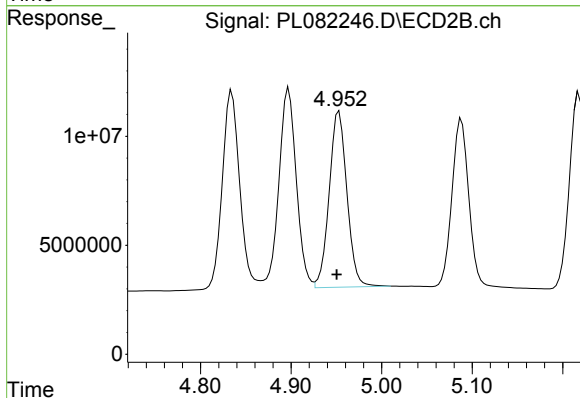
#9 Endosulfan I

R.T.: 5.824 min
Delta R.T.: 0.002 min
Response: 133571559
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MS

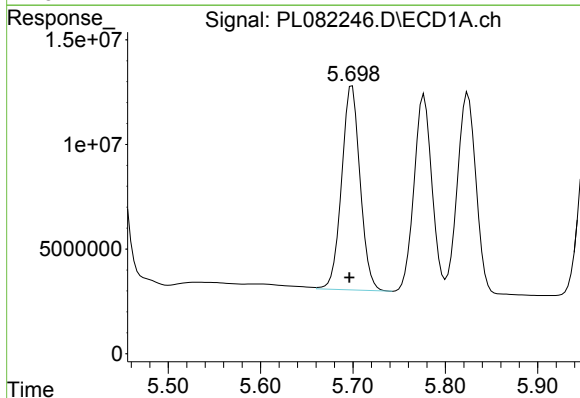
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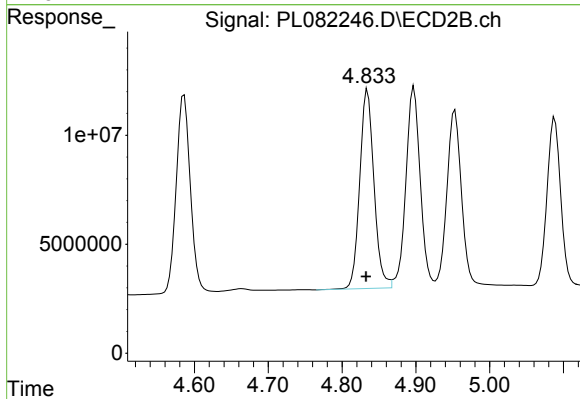
#9 Endosulfan I

R.T.: 4.953 min
Delta R.T.: 0.003 min
Response: 110213987
Conc: 41.29 ng/ml



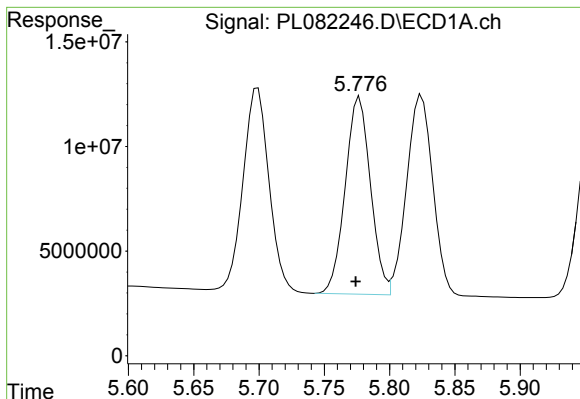
#10 gamma-Chlordane

R.T.: 5.699 min
Delta R.T.: 0.003 min
Response: 135786359
Conc: 45.16 ng/ml



#10 gamma-Chlordane

R.T.: 4.835 min
Delta R.T.: 0.002 min
Response: 122472742
Conc: 42.21 ng/ml



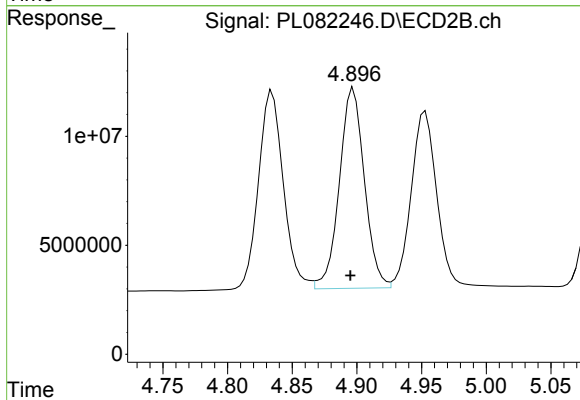
#11 alpha-Chlordane

R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 127066743
Conc: 42.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MS

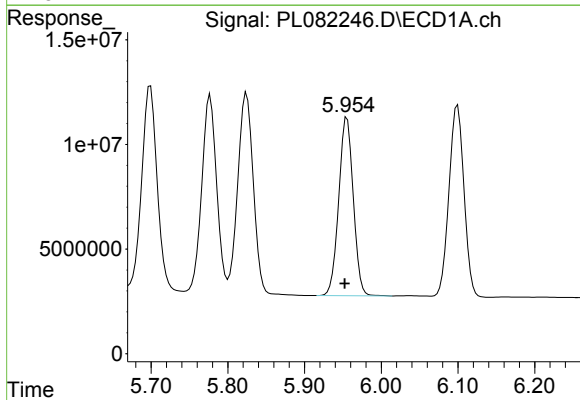
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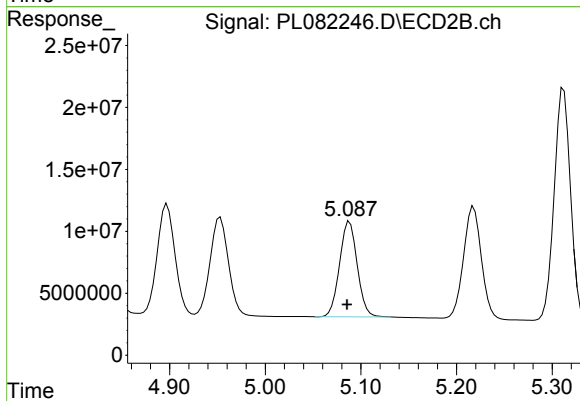
#11 alpha-Chlordane

R.T.: 4.897 min
Delta R.T.: 0.002 min
Response: 123702843
Conc: 42.61 ng/ml



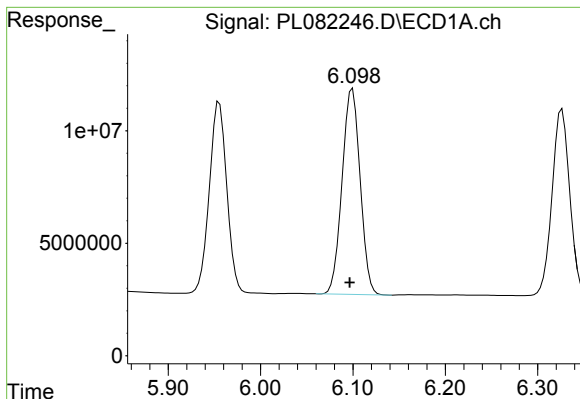
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 112405362
Conc: 44.22 ng/ml



#12 4,4'-DDE

R.T.: 5.088 min
Delta R.T.: 0.003 min
Response: 99140358
Conc: 43.12 ng/ml



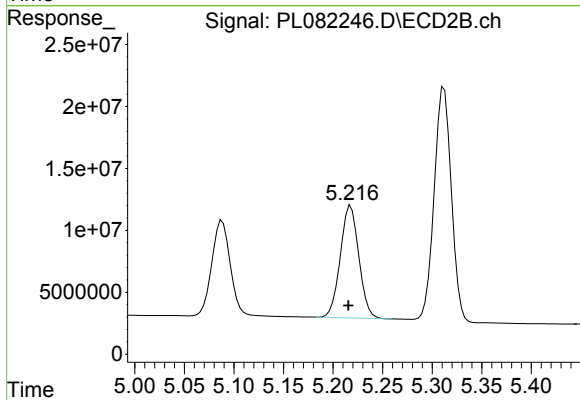
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: 0.003 min
Response: 124240131
Conc: 45.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MS

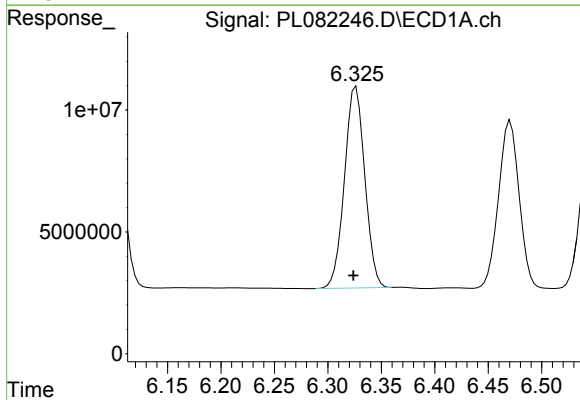
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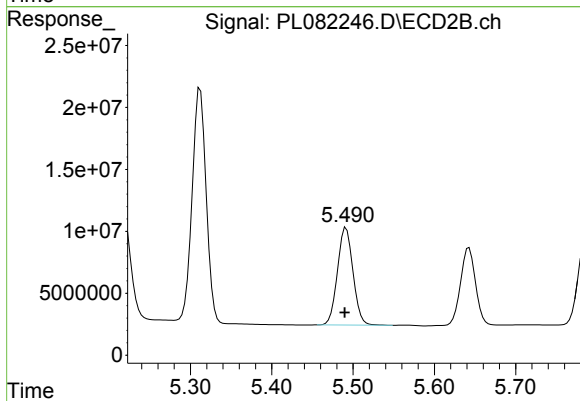
#13 Dieldrin

R.T.: 5.218 min
Delta R.T.: 0.003 min
Response: 117676269
Conc: 43.58 ng/ml



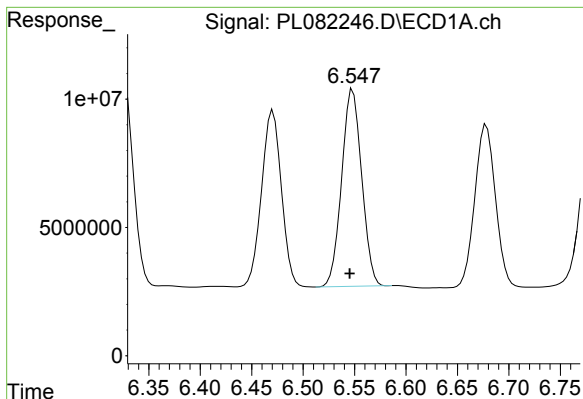
#14 Endrin

R.T.: 6.326 min
Delta R.T.: 0.003 min
Response: 109623585
Conc: 45.21 ng/ml



#14 Endrin

R.T.: 5.492 min
Delta R.T.: 0.002 min
Response: 104465507
Conc: 42.71 ng/ml



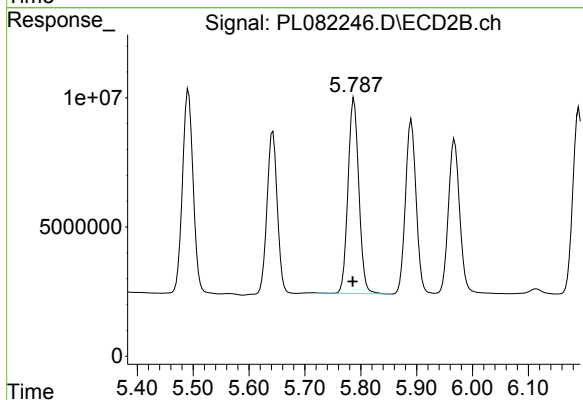
#15 Endosulfan II

R.T.: 6.548 min
Delta R.T.: 0.003 min
Response: 104120070
Conc: 42.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
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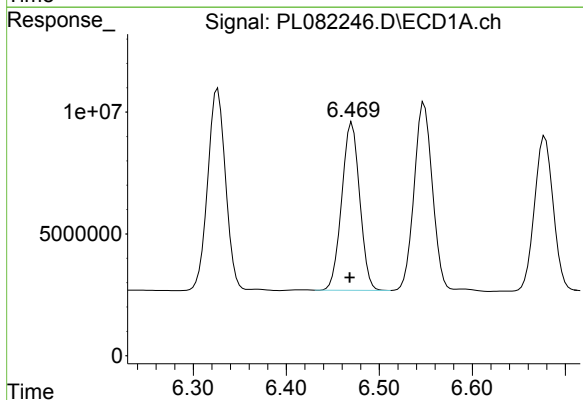
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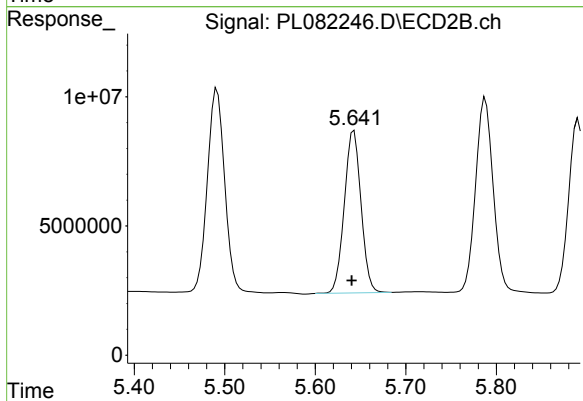
#15 Endosulfan II

R.T.: 5.788 min
Delta R.T.: 0.002 min
Response: 101833618
Conc: 45.18 ng/ml



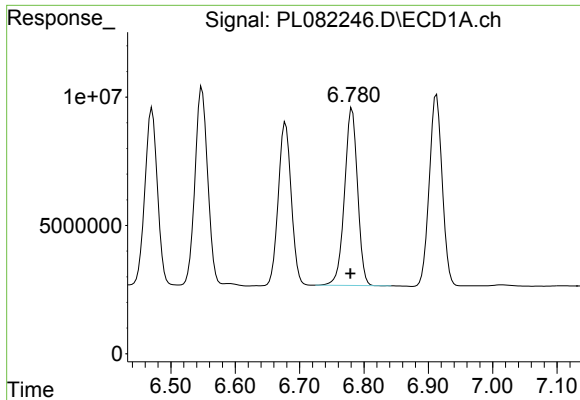
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: 0.003 min
Response: 92263475
Conc: 45.51 ng/ml



#16 4,4'-DDD

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 80542122
Conc: 43.06 ng/ml



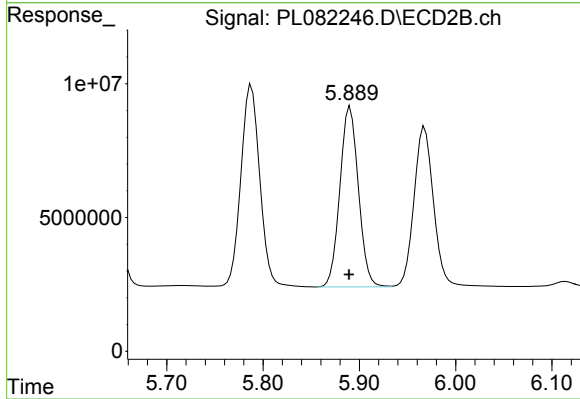
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 97225192
Conc: 42.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
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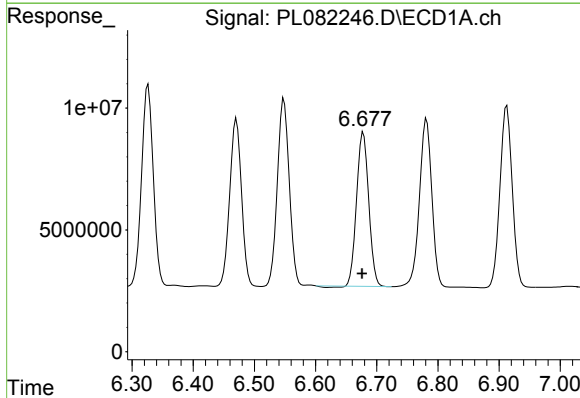
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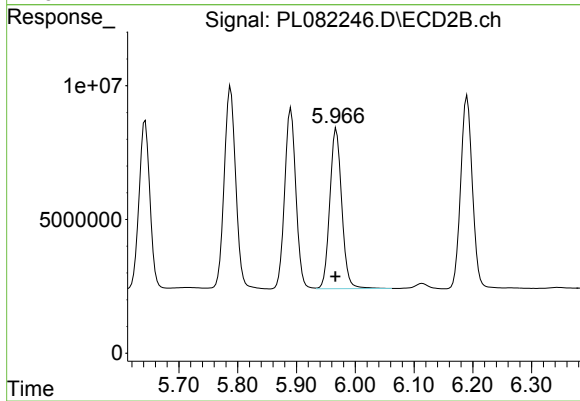
#17 4,4'-DDT

R.T.: 5.891 min
Delta R.T.: 0.001 min
Response: 89697690
Conc: 42.46 ng/ml



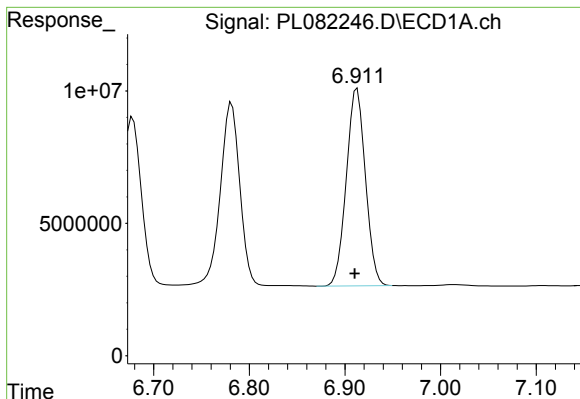
#18 Endrin aldehyde

R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 86866889
Conc: 46.10 ng/ml



#18 Endrin aldehyde

R.T.: 5.968 min
Delta R.T.: 0.001 min
Response: 84468623
Conc: 45.14 ng/ml



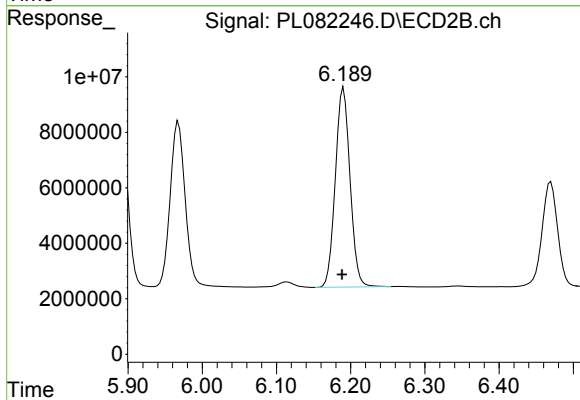
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: 0.003 min
Response: 103809393
Conc: 43.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MS

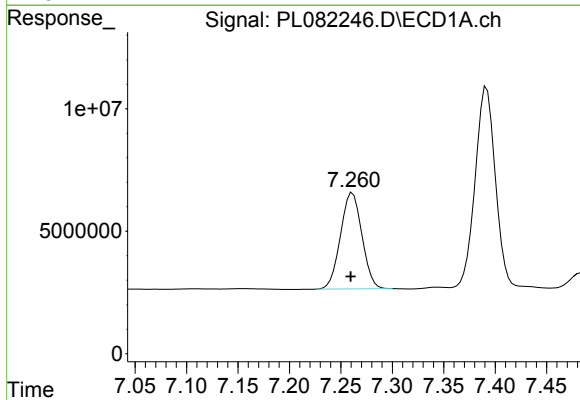
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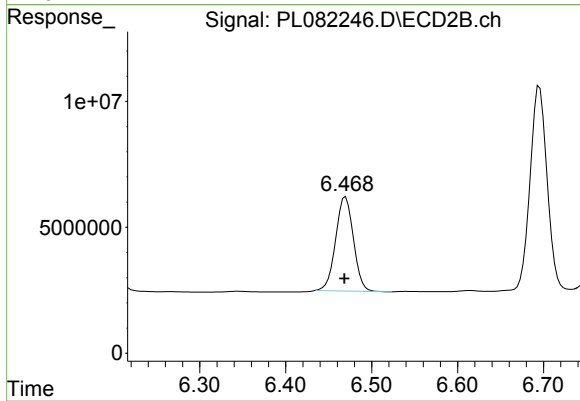
#19 Endosulfan Sulfate

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 99191371
Conc: 42.13 ng/ml



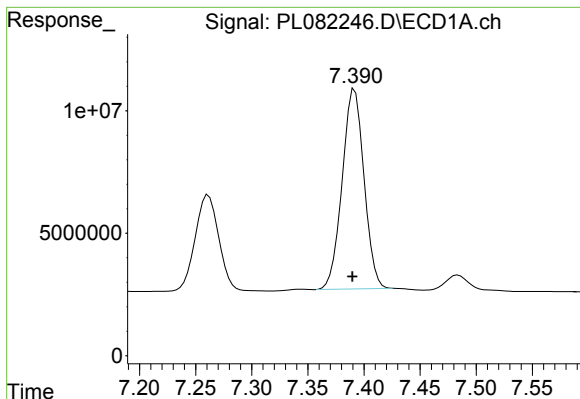
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.002 min
Response: 57053565
Conc: 46.75 ng/ml



#20 Methoxychlor

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 53720939
Conc: 44.33 ng/ml



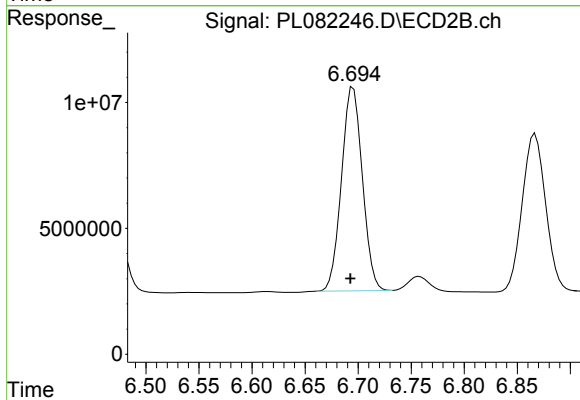
#21 Endrin ketone

R.T.: 7.392 min
Delta R.T.: 0.002 min
Response: 110566882
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MS

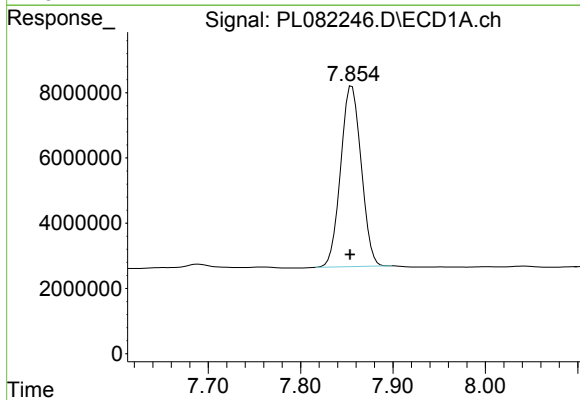
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



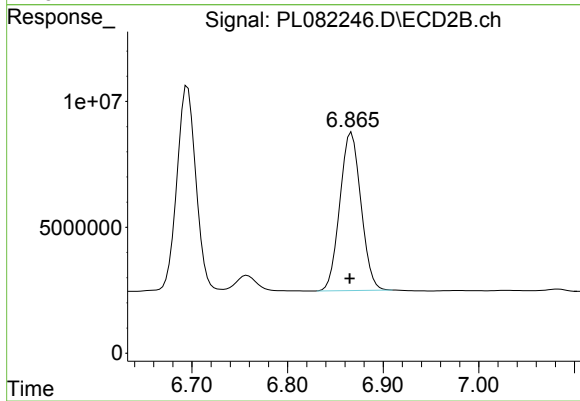
#21 Endrin ketone

R.T.: 6.695 min
Delta R.T.: 0.003 min
Response: 110651946
Conc: 43.59 ng/ml



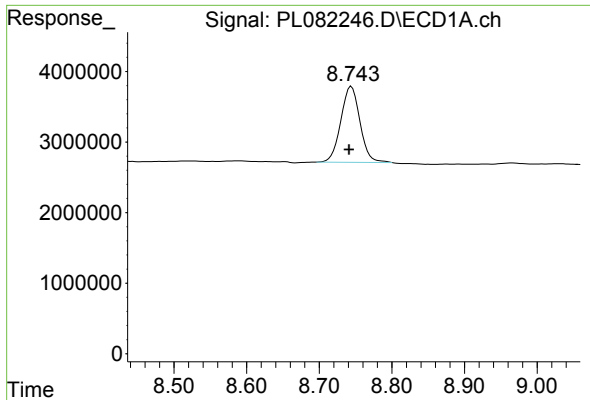
#22 Mirex

R.T.: 7.856 min
Delta R.T.: 0.002 min
Response: 85516128
Conc: 43.71 ng/ml



#22 Mirex

R.T.: 6.867 min
Delta R.T.: 0.002 min
Response: 96571860
Conc: 41.91 ng/ml



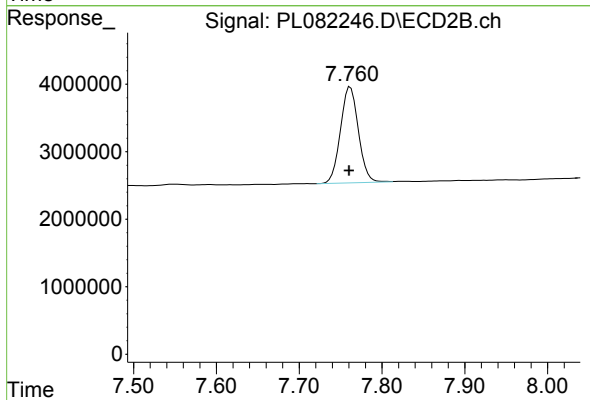
#28 Decachlorobiphenyl

R.T.: 8.744 min
Delta R.T.: 0.003 min
Response: 19734238
Conc: 10.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.762 min
Delta R.T.: 0.002 min
Response: 21370872
Conc: 9.36 ng/ml