

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042823\
 Data File : PL082387.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2023 17:49
 Operator : AR\AJ
 Sample : 02502-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BU-511-COMP-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/01/2023
 Supervised By :Ankita Jodhani 05/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 28 22:11:18 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...	3.323	2.646	51220974	40273328	19.175	17.384
28)	SA Decachlor...	8.741	7.756	32094597	35678482	16.812	15.631
Target Compounds							
2)	A alpha-BHC	3.771	3.144	184.0E6	148.7E6	46.229m	43.679
3)	MA gamma-BHC...	4.100	3.471	180.0E6	150.1E6	48.131	46.696
4)	MA Heptachlor	4.678	3.803	170.7E6	148.0E6	46.704	43.226
5)	MB Aldrin	5.015	4.079	158.2E6	146.1E6	47.960	46.384
6)	B beta-BHC	4.303	3.770	76006440	58653843	44.565	42.989
7)	B delta-BHC	4.544	3.997	149.4E6	119.3E6	41.512	38.887
8)	B Heptachlo...	5.441	4.581	146.2E6	130.0E6	47.933	45.116
9)	A Endosulfan I	5.822	4.948	132.6E6	118.0E6	47.839	44.190
10)	B gamma-Chl...	5.696	4.829	151.7E6	128.3E6	50.465	44.216
11)	B alpha-Chl...	5.774	4.892	143.6E6	129.4E6	48.101	44.565
12)	B 4,4'-DDE	5.952	5.083	124.0E6	106.5E6	48.780	46.317
13)	MA Dieldrin	6.096	5.212	138.5E6	126.3E6	50.197	46.762
14)	MA Endrin	6.323	5.486	120.5E6	112.6E6	49.704	46.044
15)	B Endosulfa...	6.546	5.783	115.9E6	110.0E6	47.594	48.778
16)	A 4,4'-DDD	6.468	5.637	100.7E6	87430307	49.687	46.744
17)	MA 4,4'-DDT	6.779	5.885	109.5E6	97981539	47.881	46.380
18)	B Endrin al...	6.676	5.962	96119386	90719835	51.014	48.478
19)	B Endosulfa...	6.910	6.185	110.6E6	104.7E6	46.631	44.483
20)	A Methoxychlor	7.260	6.464	60977864	56524467	49.968	46.644
21)	B Endrin ke...	7.389	6.690	123.2E6	120.6E6	51.463	47.519
22)	Mirex	7.853	6.861	93225979	100.5E6	47.654	43.611

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

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Data File : PL082387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2023 17:49
Operator : AR\AJ
Sample : 02502-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

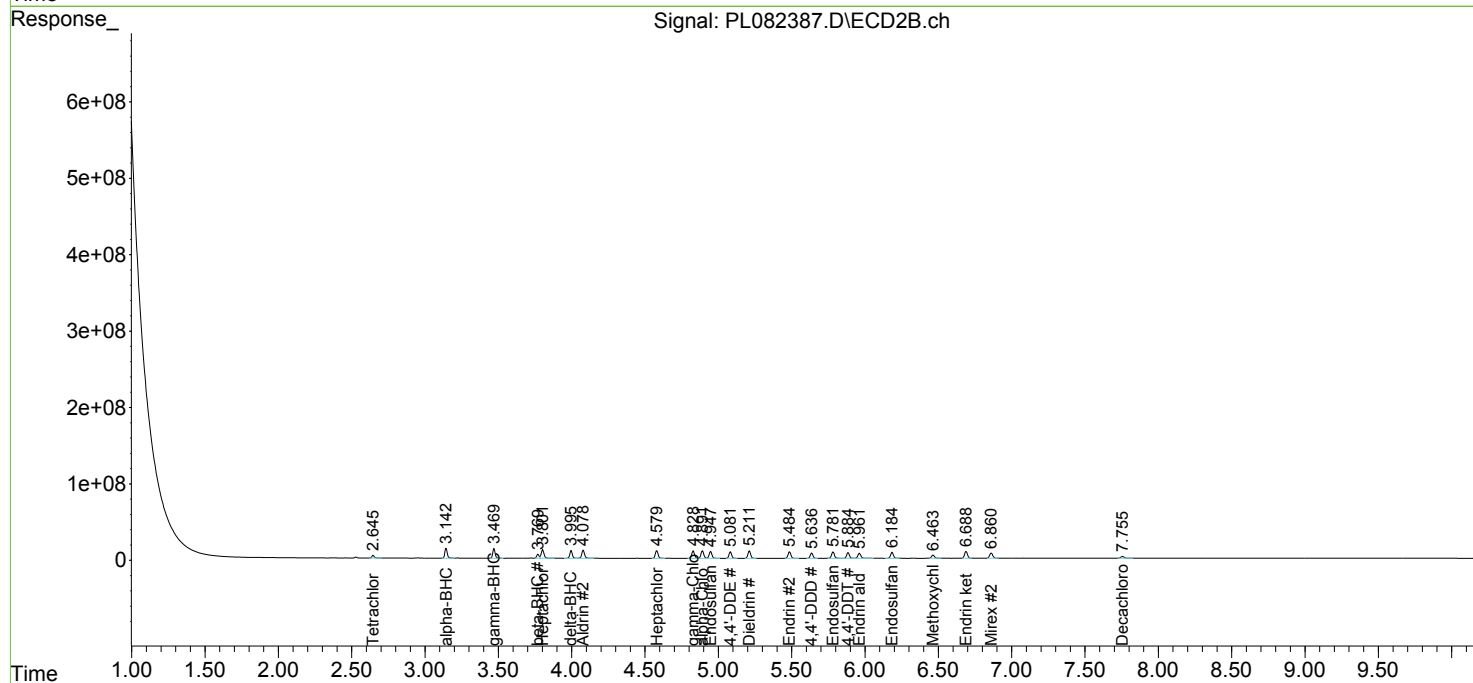
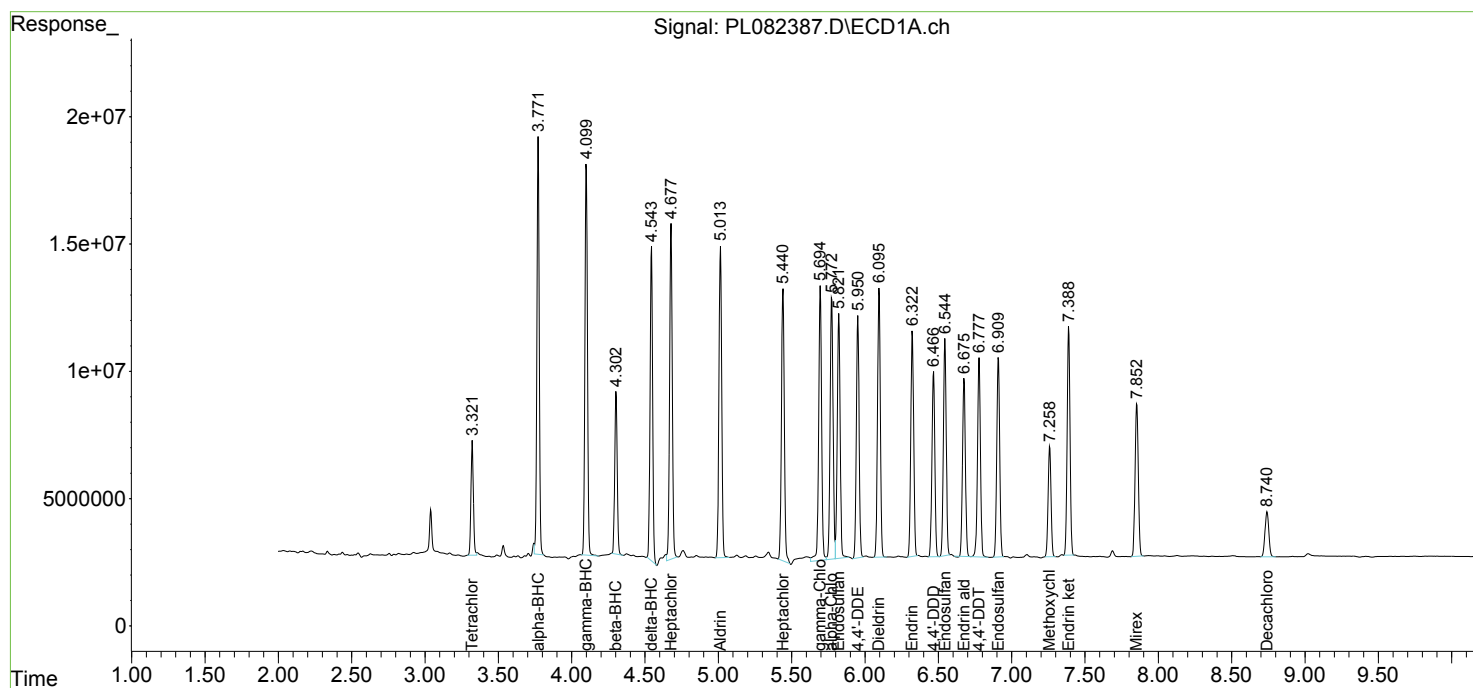
Instrument :
ECD_L
ClientSampleId :
BU-511-COMP-01MSD

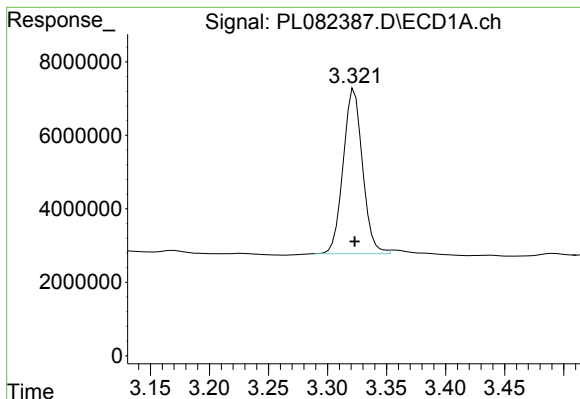
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 22:11:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





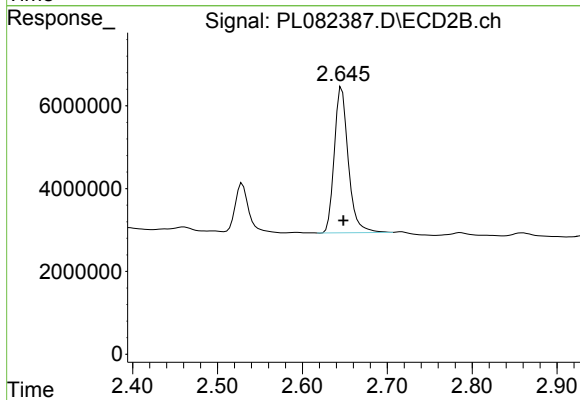
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 51220974
Conc: 19.18 ng/ml

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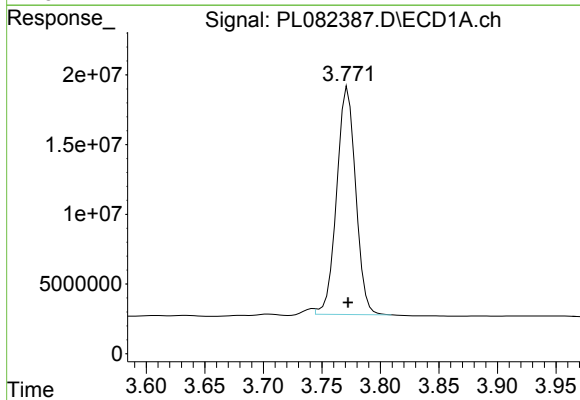
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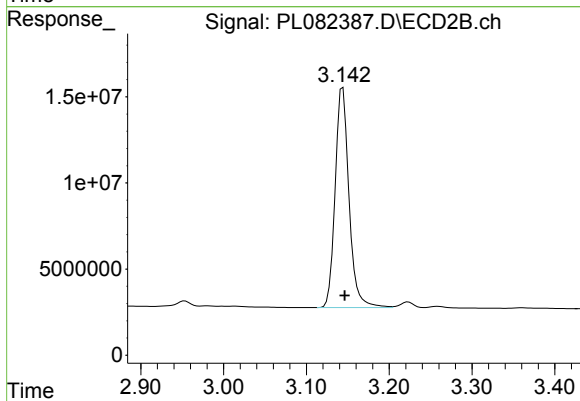
#1 Tetrachloro-m-xylene

R.T.: 2.646 min
Delta R.T.: -0.002 min
Response: 40273328
Conc: 17.38 ng/ml



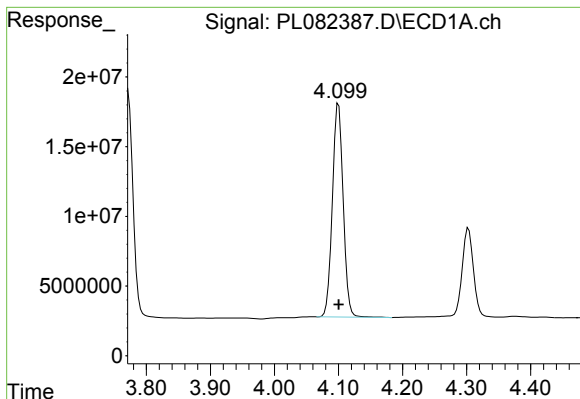
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: -0.001 min
Response: 184004335
Conc: 46.23 ng/ml m



#2 alpha-BHC

R.T.: 3.144 min
Delta R.T.: -0.002 min
Response: 148660052
Conc: 43.68 ng/ml



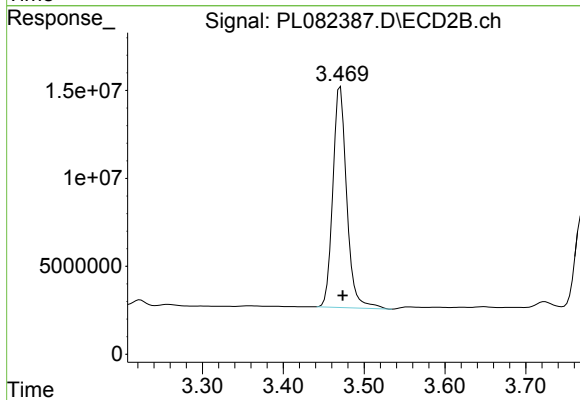
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 179957498
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-511-COMP-01MSD

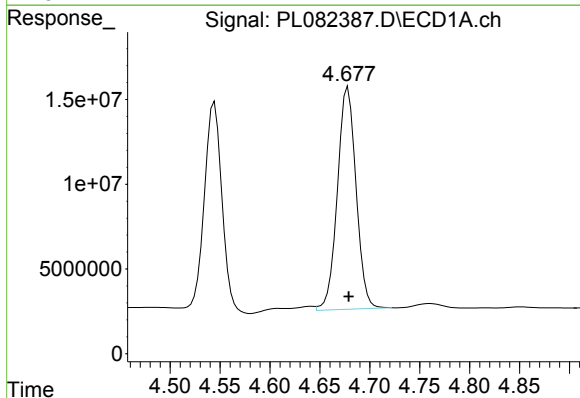
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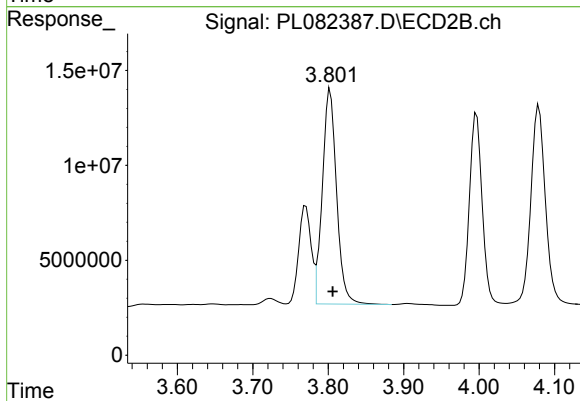
#3 gamma-BHC (Lindane)

R.T.: 3.471 min
Delta R.T.: -0.003 min
Response: 150140022
Conc: 46.70 ng/ml



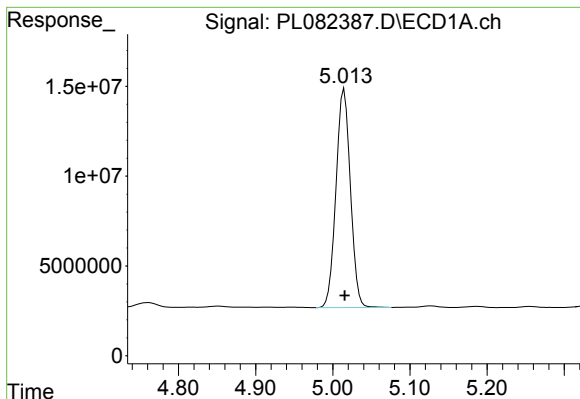
#4 Heptachlor

R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 170652691
Conc: 46.70 ng/ml



#4 Heptachlor

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 147974316
Conc: 43.23 ng/ml



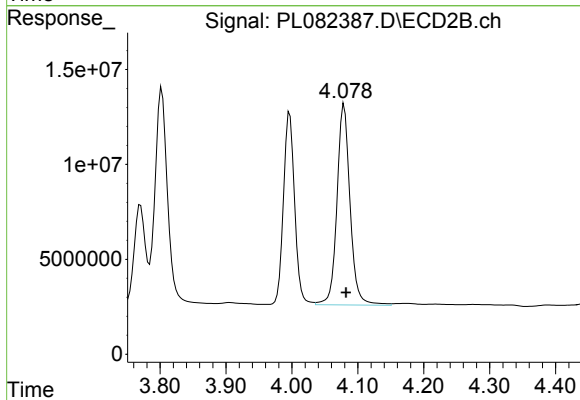
#5 Aldrin

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 158151201
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-511-COMP-01MSD

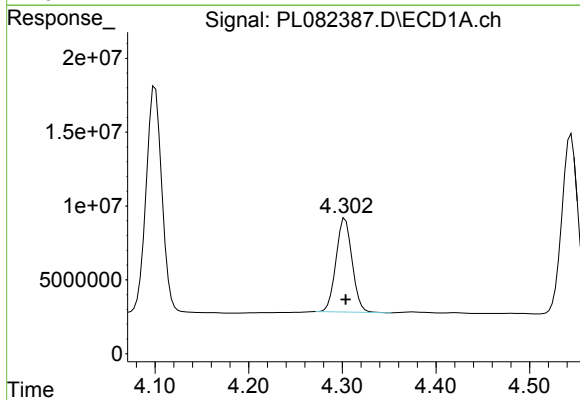
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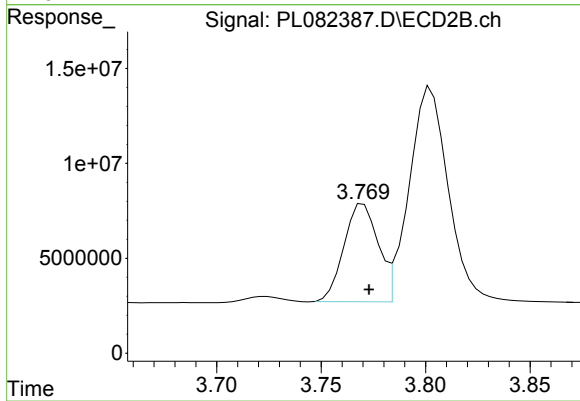
#5 Aldrin

R.T.: 4.079 min
Delta R.T.: -0.003 min
Response: 146104484
Conc: 46.38 ng/ml



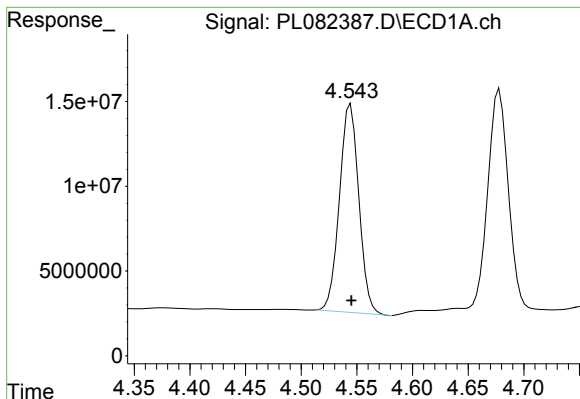
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 76006440
Conc: 44.57 ng/ml



#6 beta-BHC

R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 58653843
Conc: 42.99 ng/ml



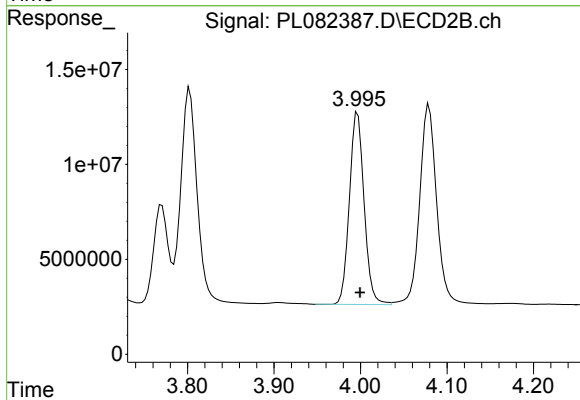
#7 delta-BHC

R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 149350331
Conc: 41.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-511-COMP-01MSD

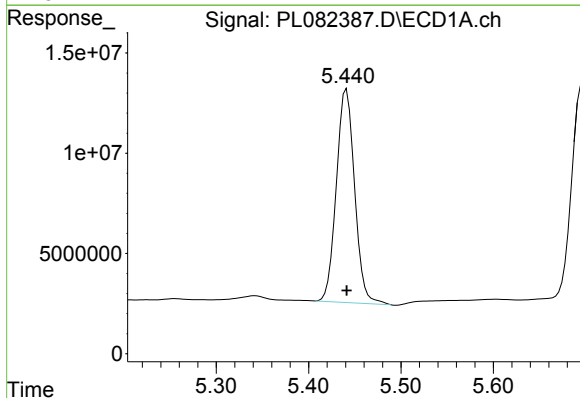
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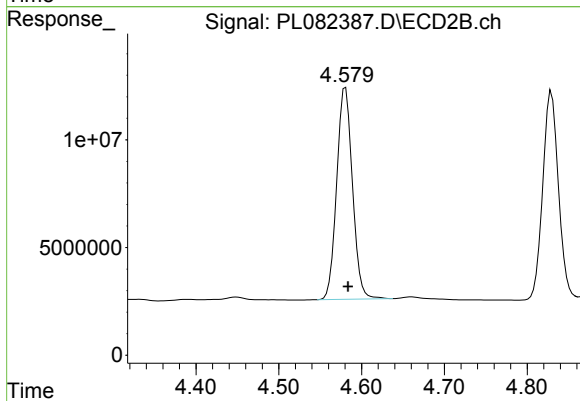
#7 delta-BHC

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 119280681
Conc: 38.89 ng/ml



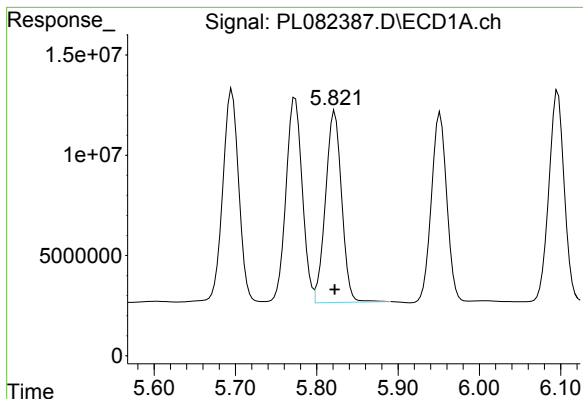
#8 Heptachlor epoxide

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 146213869
Conc: 47.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.581 min
Delta R.T.: -0.003 min
Response: 129973103
Conc: 45.12 ng/ml



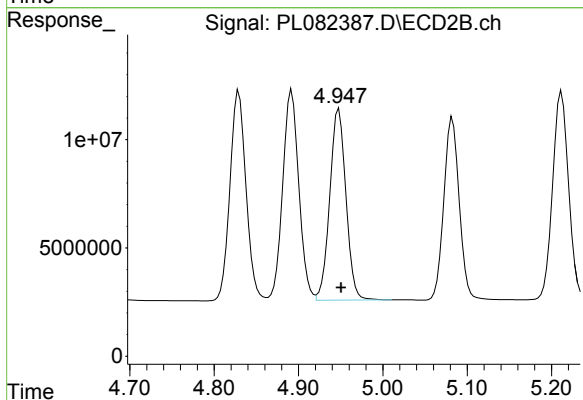
#9 Endosulfan I

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 132645282
Conc: 47.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-511-COMP-01MSD

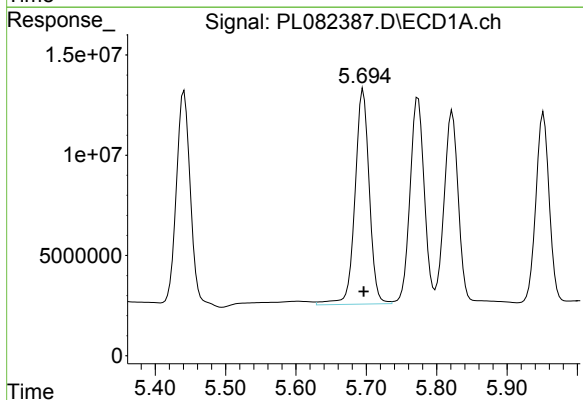
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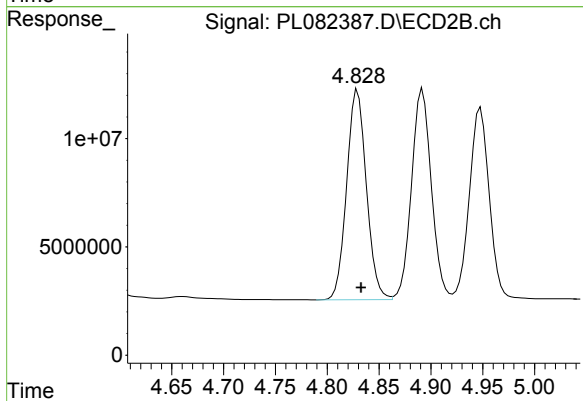
#9 Endosulfan I

R.T.: 4.948 min
Delta R.T.: -0.003 min
Response: 117963334
Conc: 44.19 ng/ml



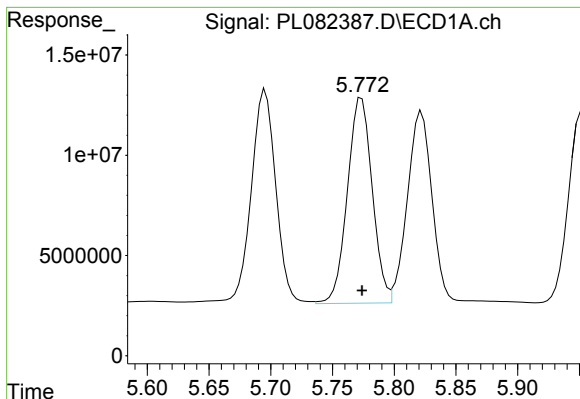
#10 gamma-Chlordane

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 151742097
Conc: 50.47 ng/ml



#10 gamma-Chlordane

R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 128307353
Conc: 44.22 ng/ml



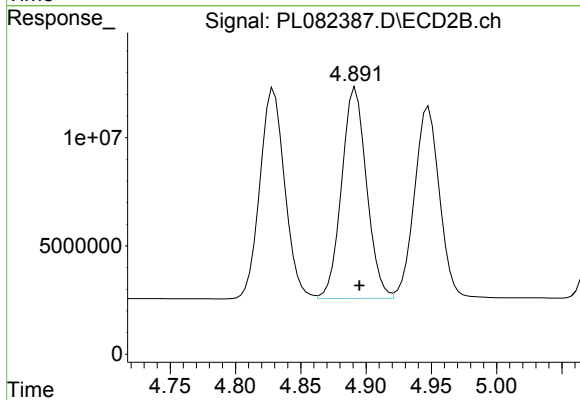
#11 alpha-Chlordane

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 143562587
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-511-COMP-01MSD

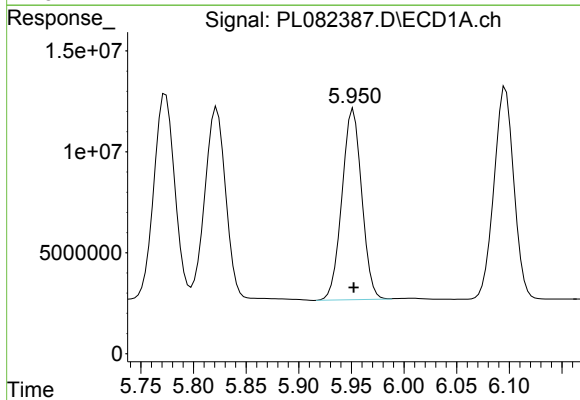
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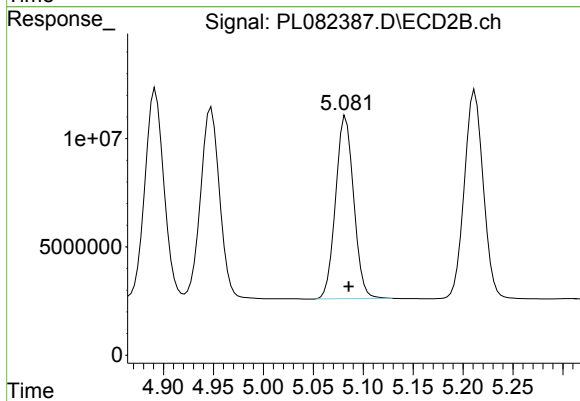
#11 alpha-Chlordane

R.T.: 4.892 min
Delta R.T.: -0.003 min
Response: 129365168
Conc: 44.57 ng/ml



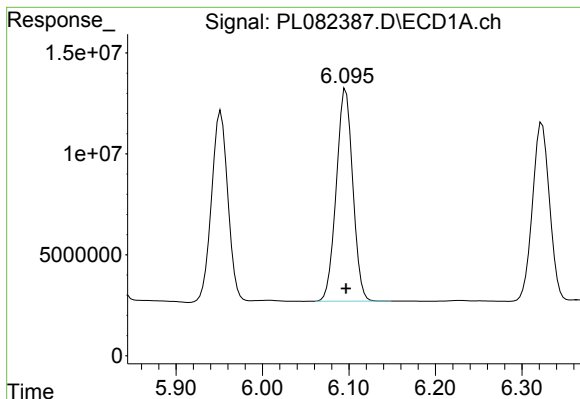
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 124000410
Conc: 48.78 ng/ml



#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: -0.003 min
Response: 106480194
Conc: 46.32 ng/ml



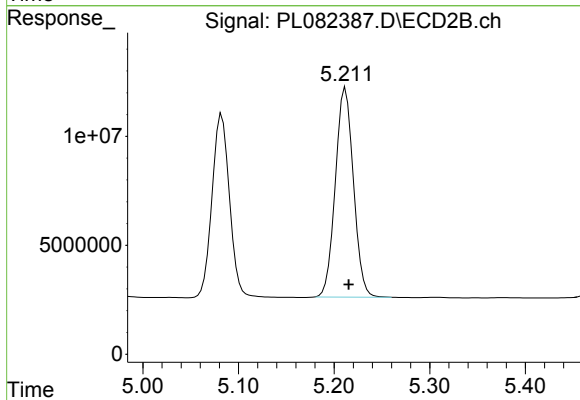
#13 Dieldrin

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 138500728
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-511-COMP-01MSD

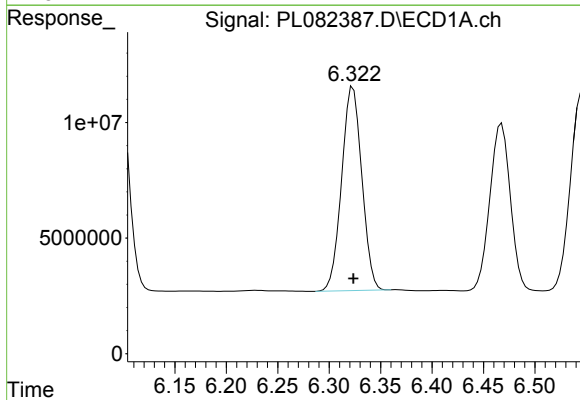
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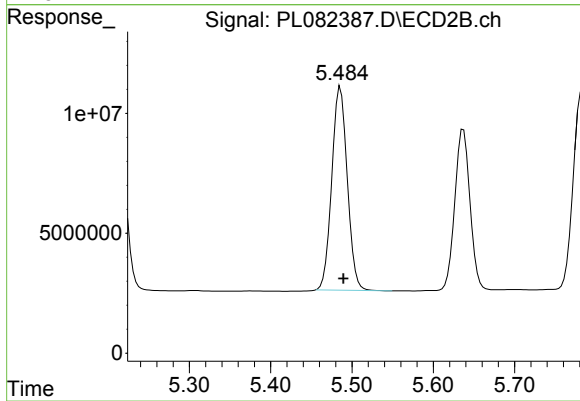
#13 Dieldrin

R.T.: 5.212 min
Delta R.T.: -0.004 min
Response: 126276575
Conc: 46.76 ng/ml



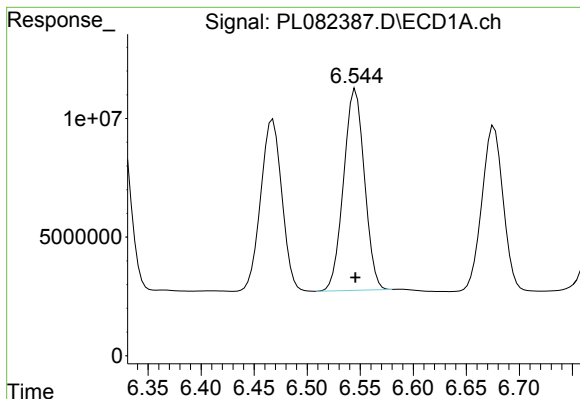
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 120510592
Conc: 49.70 ng/ml



#14 Endrin

R.T.: 5.486 min
Delta R.T.: -0.004 min
Response: 112621800
Conc: 46.04 ng/ml



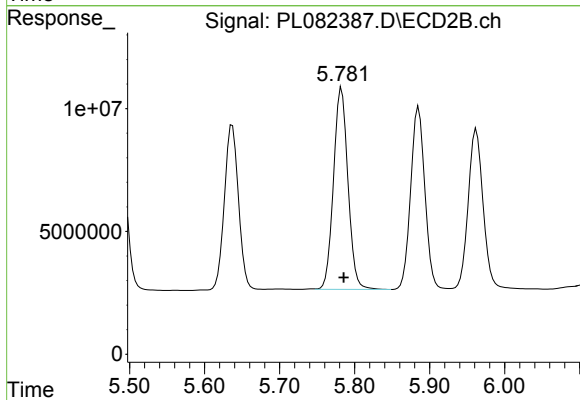
#15 Endosulfan II

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 115870783
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-511-COMP-01MSD

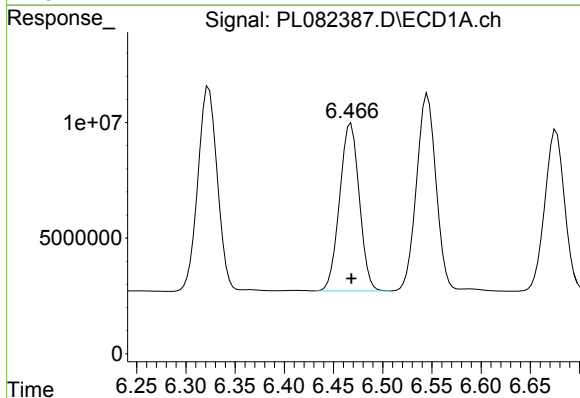
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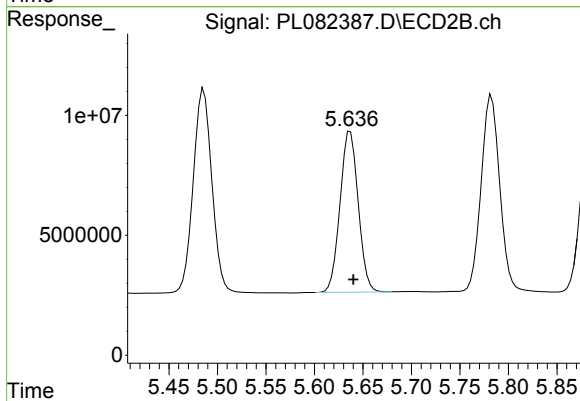
#15 Endosulfan II

R.T.: 5.783 min
Delta R.T.: -0.003 min
Response: 109950314
Conc: 48.78 ng/ml



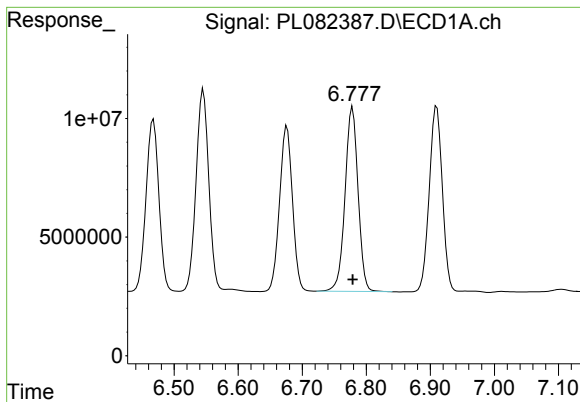
#16 4,4'-DDD

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 100725460
Conc: 49.69 ng/ml



#16 4,4'-DDD

R.T.: 5.637 min
Delta R.T.: -0.003 min
Response: 87430307
Conc: 46.74 ng/ml



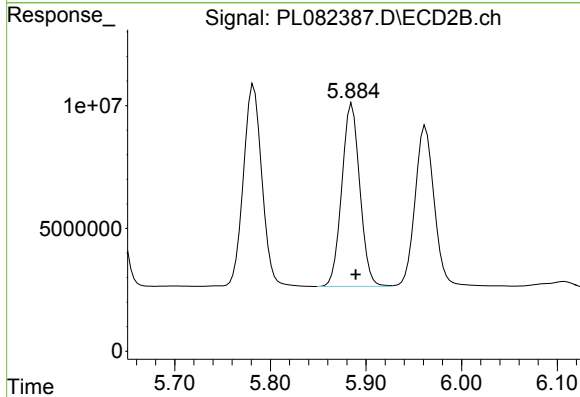
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 109539270
Conc: 47.88 ng/ml

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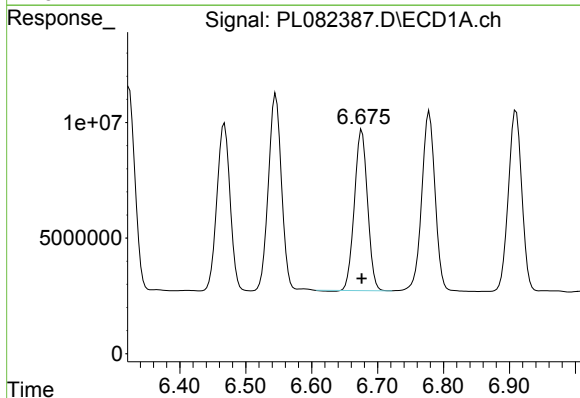
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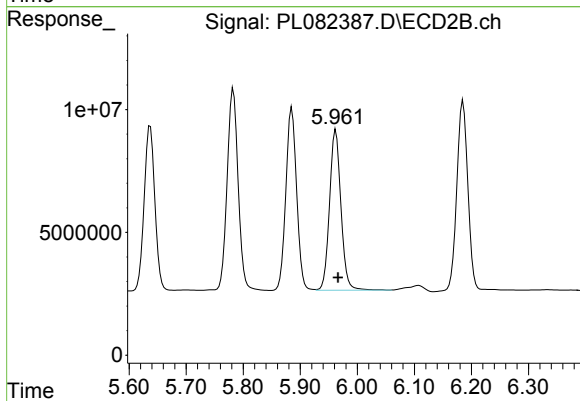
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.004 min
Response: 97981539
Conc: 46.38 ng/ml



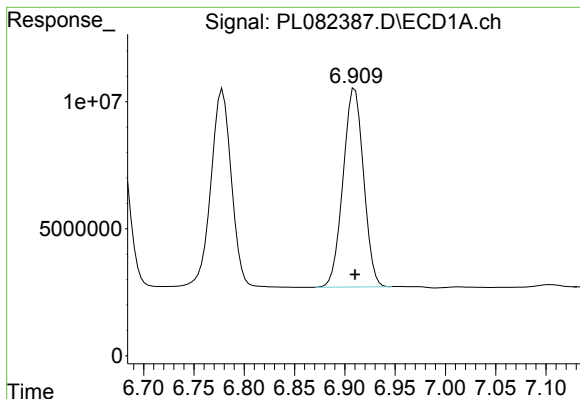
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 96119386
Conc: 51.01 ng/ml



#18 Endrin aldehyde

R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 90719835
Conc: 48.48 ng/ml



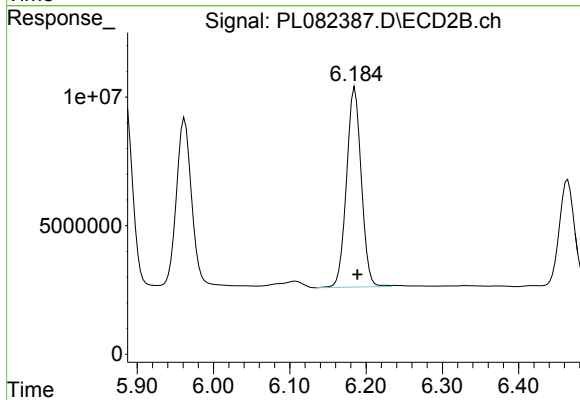
#19 Endosulfan Sulfate

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 110586306
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
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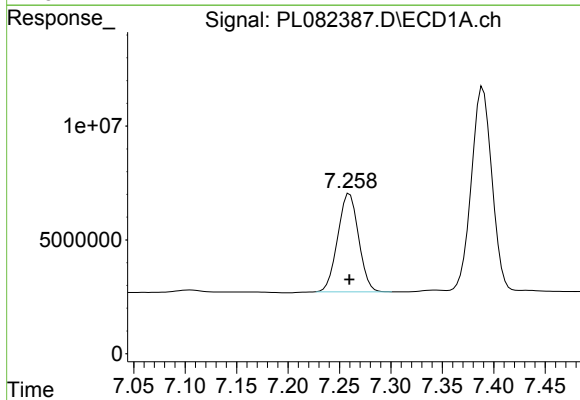
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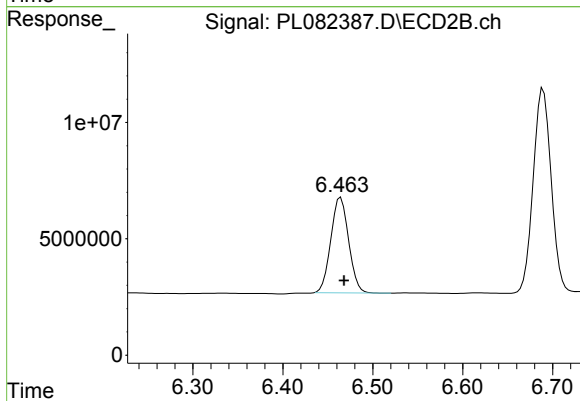
#19 Endosulfan Sulfate

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 104726206
Conc: 44.48 ng/ml



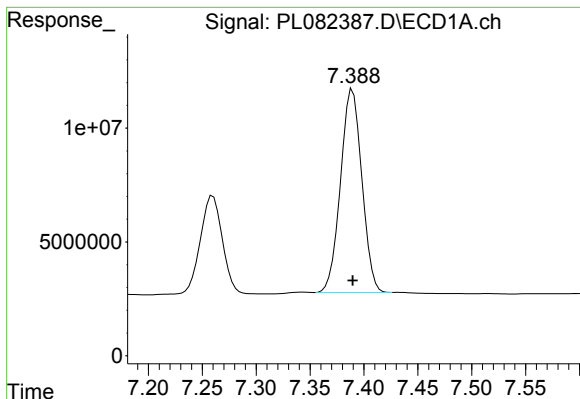
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 60977864
Conc: 49.97 ng/ml



#20 Methoxychlor

R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 56524467
Conc: 46.64 ng/ml



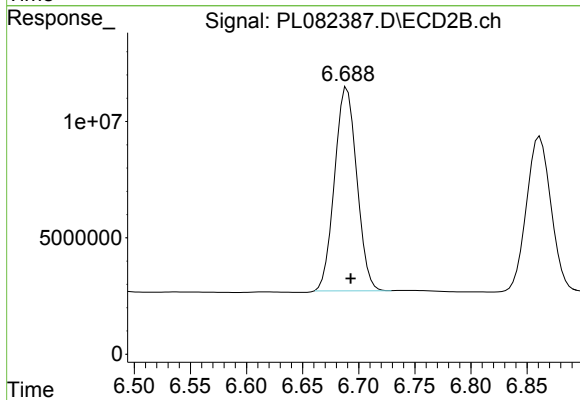
#21 Endrin ketone

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 123224093
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-511-COMP-01MSD

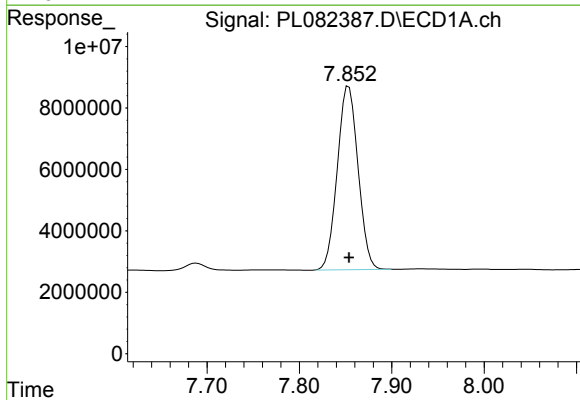
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/01/2023
Supervised By :Ankita Jodhani 05/01/2023



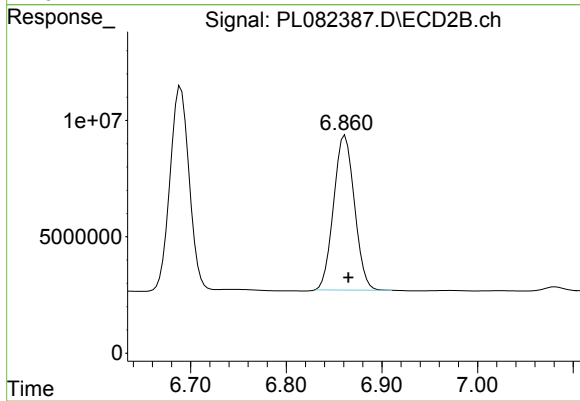
#21 Endrin ketone

R.T.: 6.690 min
Delta R.T.: -0.003 min
Response: 120612830
Conc: 47.52 ng/ml



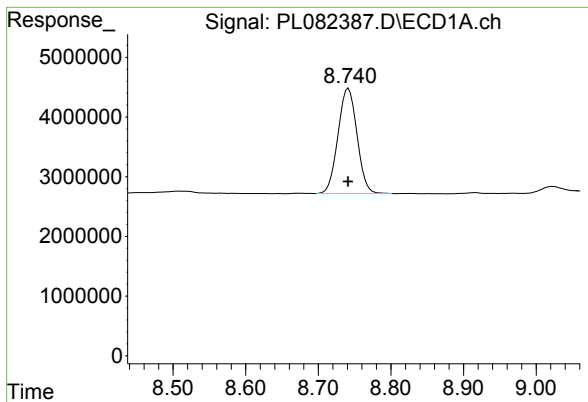
#22 Mirex

R.T.: 7.853 min
Delta R.T.: 0.000 min
Response: 93225979
Conc: 47.65 ng/ml



#22 Mirex

R.T.: 6.861 min
Delta R.T.: -0.004 min
Response: 100491441
Conc: 43.61 ng/ml



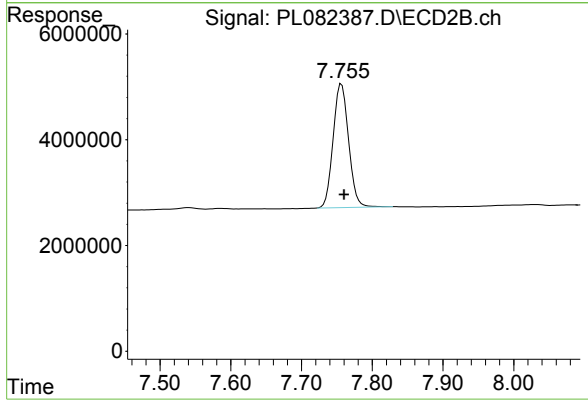
#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 32094597
Conc: 16.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-511-COMP-01MSD

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#28 Decachlorobiphenyl

R.T.: 7.756 min
Delta R.T.: -0.003 min
Response: 35678482
Conc: 15.63 ng/ml