

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042823\
 Data File : PL082386.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2023 17:35
 Operator : AR\AJ
 Sample : 02502-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

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 22:11:02 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	53777685	39696682	20.132	17.135
28)	SA Decachlor...	8.741	7.757	32509043	35822802	17.029	15.695
Target Compounds							
2)	A alpha-BHC	3.770	3.144	187.2E6	147.8E6	47.044m	43.424
3)	MA gamma-BHC...	4.100	3.471	183.2E6	150.4E6	49.001	46.765
4)	MA Heptachlor	4.678	3.803	174.5E6	148.0E6	47.745	43.229
5)	MB Aldrin	5.015	4.079	159.0E6	147.4E6	48.223	46.795
6)	B beta-BHC	4.303	3.771	77027466	58882401	45.164	43.156
7)	B delta-BHC	4.544	3.997	153.1E6	119.6E6	42.549	38.977
8)	B Heptachlo...	5.441	4.581	147.9E6	130.0E6	48.490	45.138
9)	A Endosulfan I	5.822	4.948	133.2E6	117.9E6	48.055	44.165
10)	B gamma-Chl...	5.695	4.830	151.4E6	128.3E6	50.361	44.199
11)	B alpha-Chl...	5.774	4.892	144.1E6	129.7E6	48.285	44.670
12)	B 4,4'-DDE	5.952	5.083	124.9E6	106.1E6	49.122	46.162
13)	MA Dieldrin	6.096	5.212	140.6E6	126.5E6	50.951	46.857
14)	MA Endrin	6.323	5.486	121.3E6	112.9E6	50.017	46.163
15)	B Endosulfa...	6.545	5.783	117.6E6	109.7E6	48.291	48.659
16)	A 4,4'-DDD	6.468	5.637	102.2E6	87432051	50.437	46.745
17)	MA 4,4'-DDT	6.779	5.886	111.1E6	97818281	48.561	46.302
18)	B Endrin al...	6.676	5.963	98858327	90514883	52.468	48.368
19)	B Endosulfa...	6.909	6.186	111.5E6	105.4E6	47.031	44.770
20)	A Methoxychlor	7.260	6.465	61548247	57083157	50.436	47.105
21)	B Endrin ke...	7.390	6.690	123.2E6	121.1E6	51.455	47.722
22)	Mirex	7.853	6.862	93546530	101.1E6	47.818	43.881

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042823\
Data File : PL082386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2023 17:35
Operator : AR\AJ
Sample : 02502-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

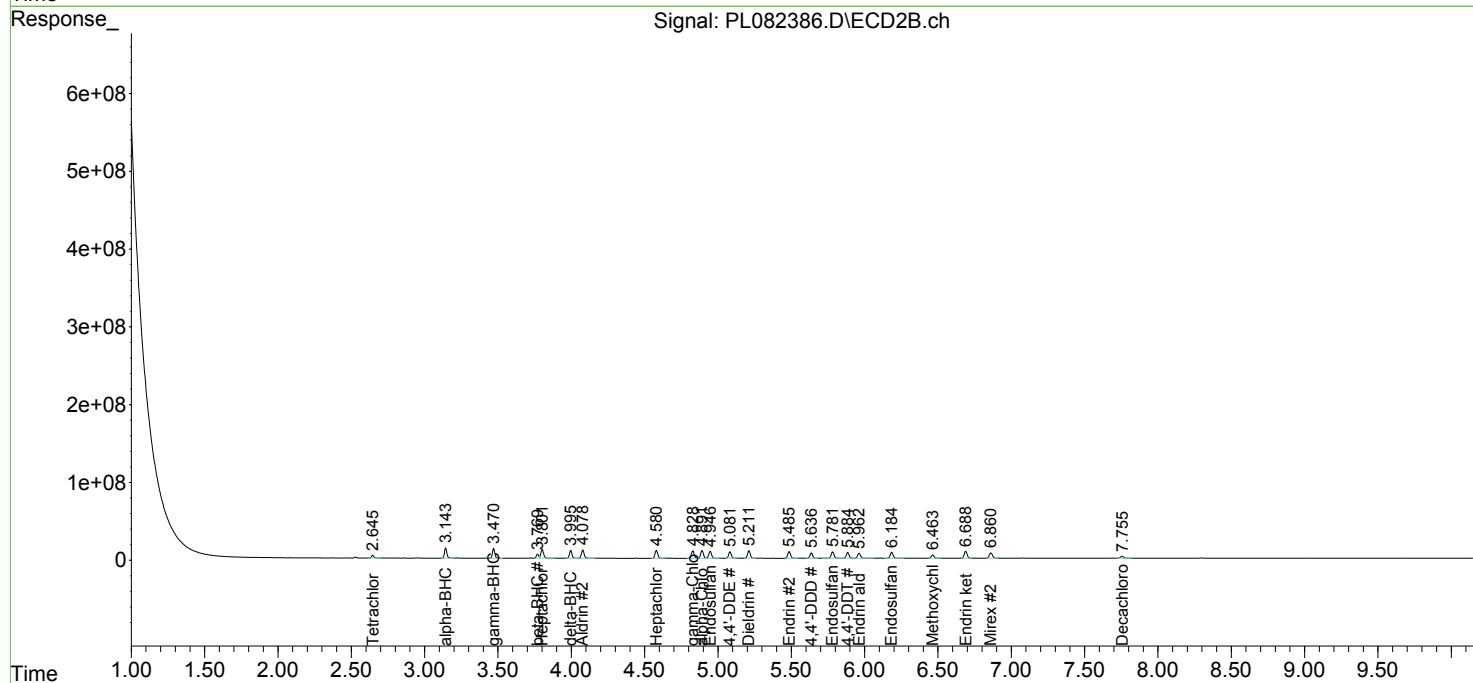
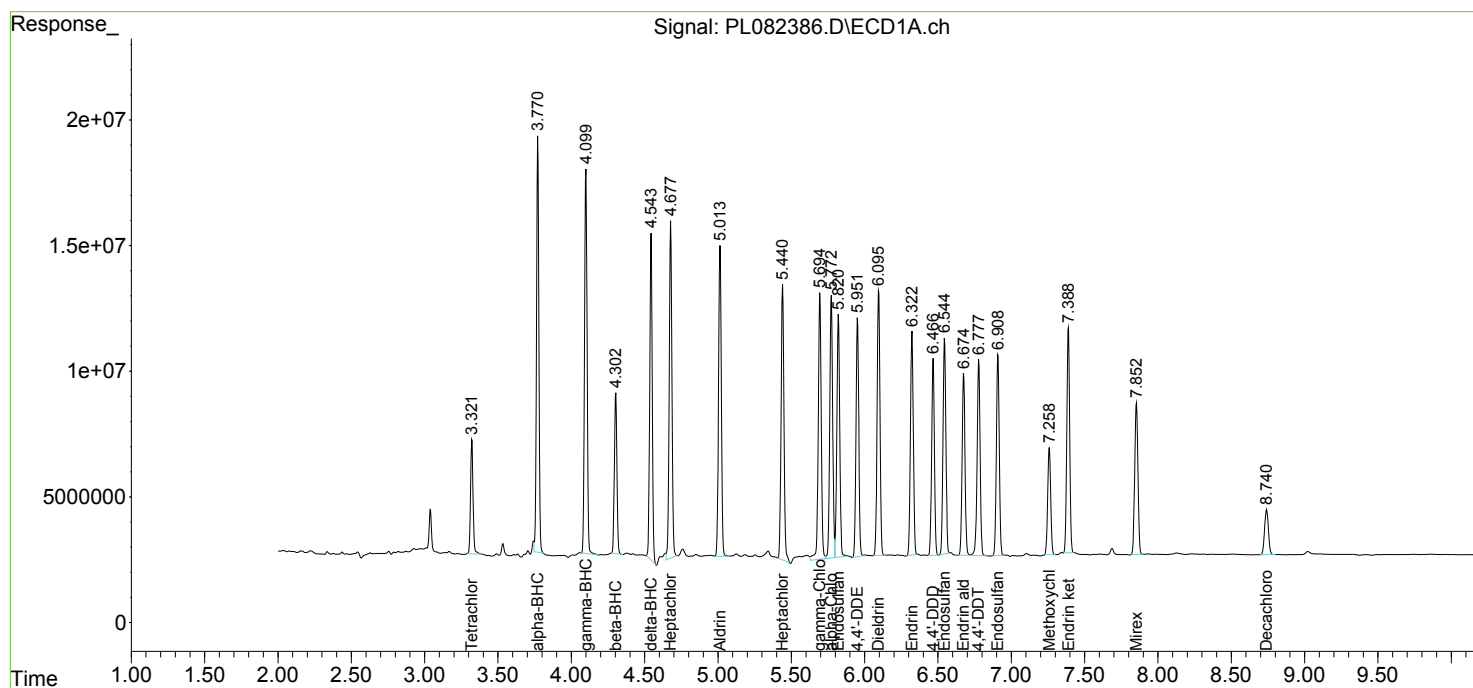
Instrument :
ECD_L
ClientSampleId :
BU-511-COMP-01MS

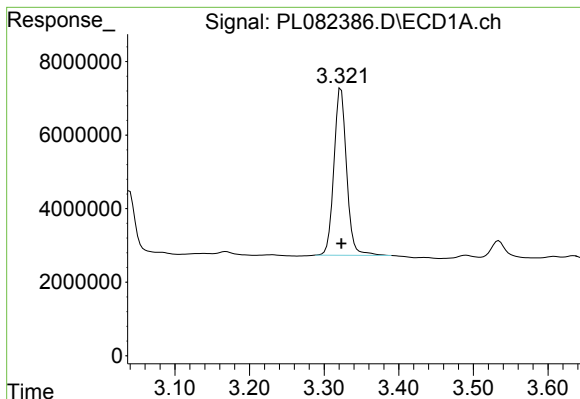
Manual Integrations
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Supervised By :Ankita Jodhani 05/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 22:11:02 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





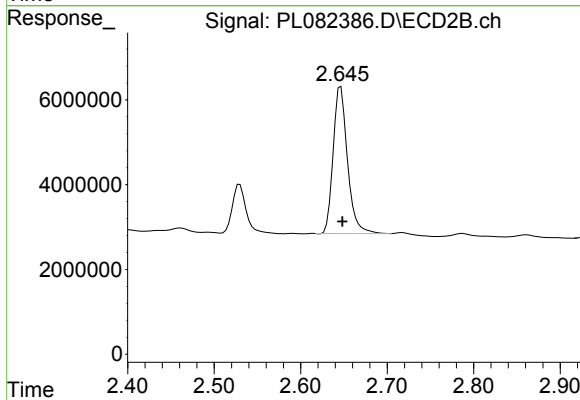
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 53777685
Conc: 20.13 ng/ml

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

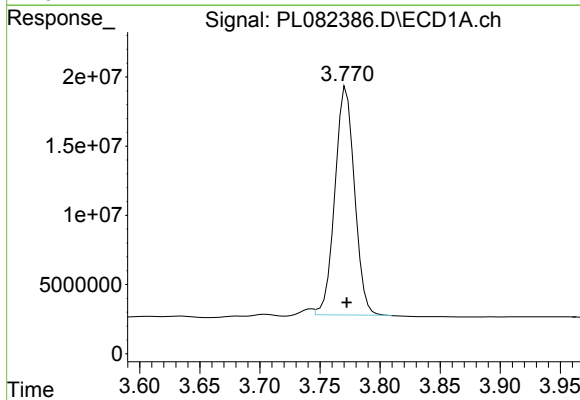
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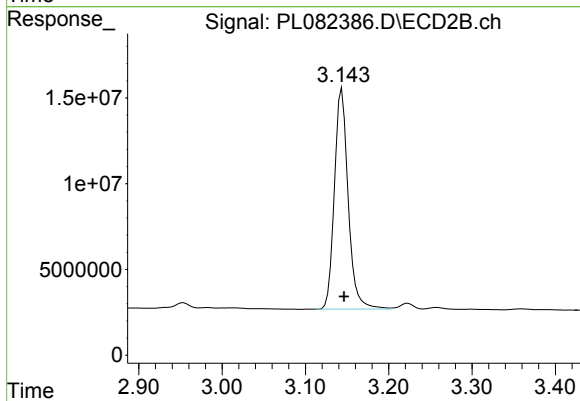
#1 Tetrachloro-m-xylene

R.T.: 2.646 min
Delta R.T.: -0.002 min
Response: 39696682
Conc: 17.13 ng/ml



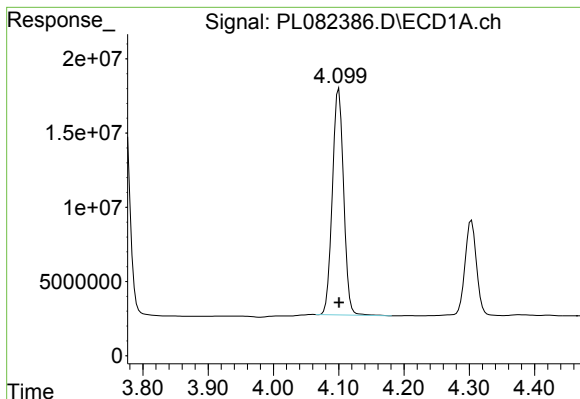
#2 alpha-BHC

R.T.: 3.770 min
Delta R.T.: -0.002 min
Response: 187245860
Conc: 47.04 ng/ml m



#2 alpha-BHC

R.T.: 3.144 min
Delta R.T.: -0.002 min
Response: 147793460
Conc: 43.42 ng/ml



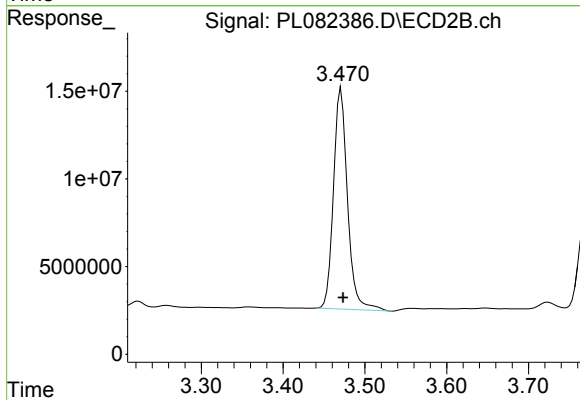
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 183209918
Conc: 49.00 ng/ml

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

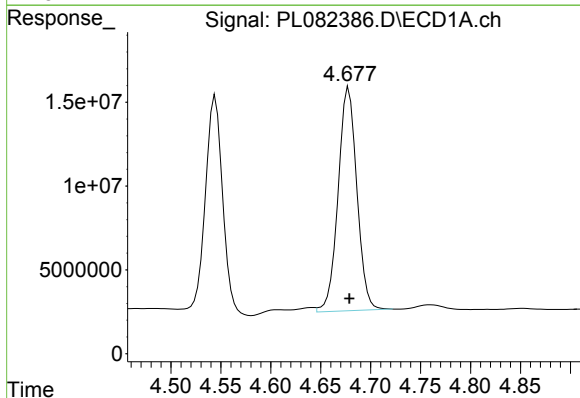
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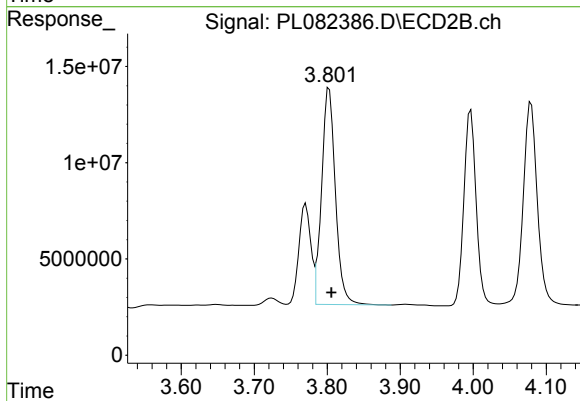
#3 gamma-BHC (Lindane)

R.T.: 3.471 min
Delta R.T.: -0.002 min
Response: 150364190
Conc: 46.77 ng/ml



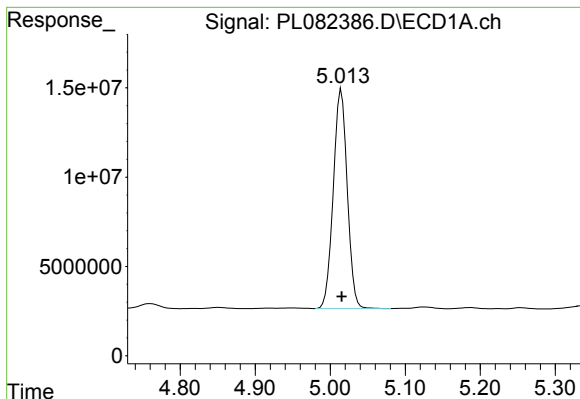
#4 Heptachlor

R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 174457215
Conc: 47.75 ng/ml



#4 Heptachlor

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 147982269
Conc: 43.23 ng/ml



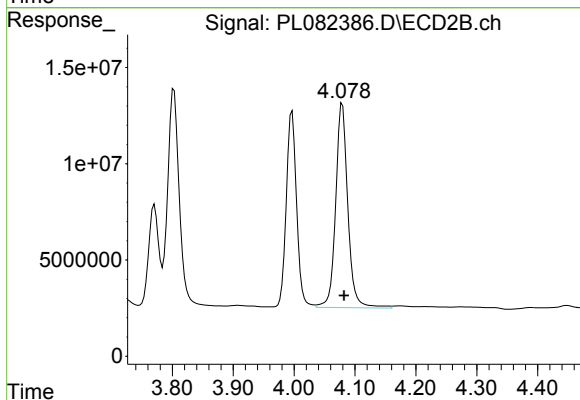
#5 Aldrin

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 159018936
Conc: 48.22 ng/ml

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

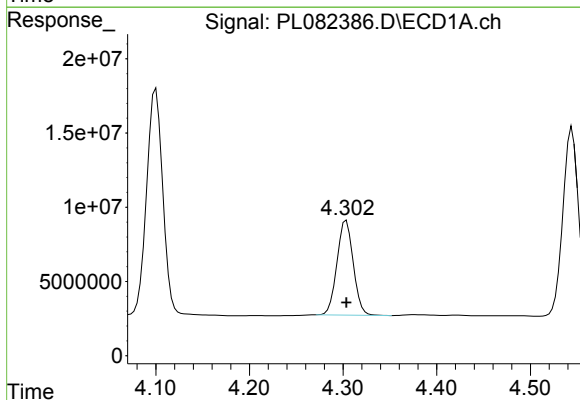
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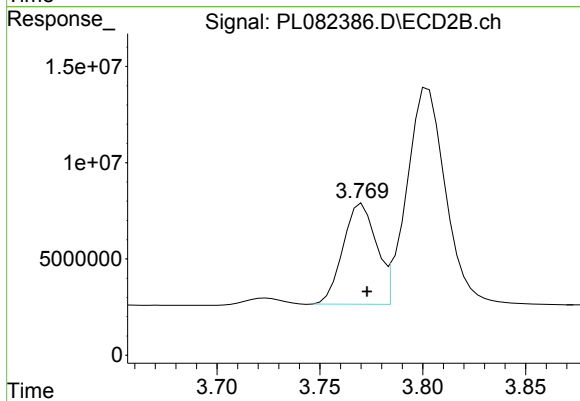
#5 Aldrin

R.T.: 4.079 min
Delta R.T.: -0.003 min
Response: 147397656
Conc: 46.79 ng/ml



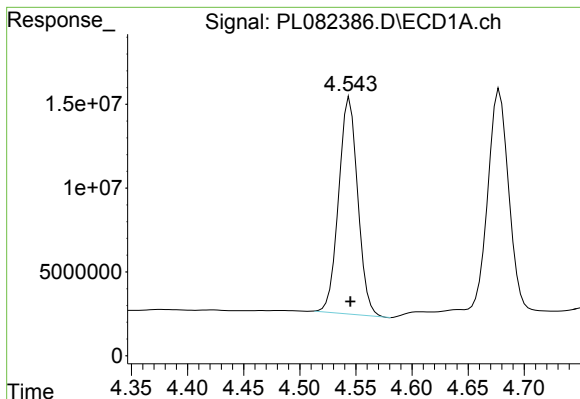
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 77027466
Conc: 45.16 ng/ml



#6 beta-BHC

R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 58882401
Conc: 43.16 ng/ml



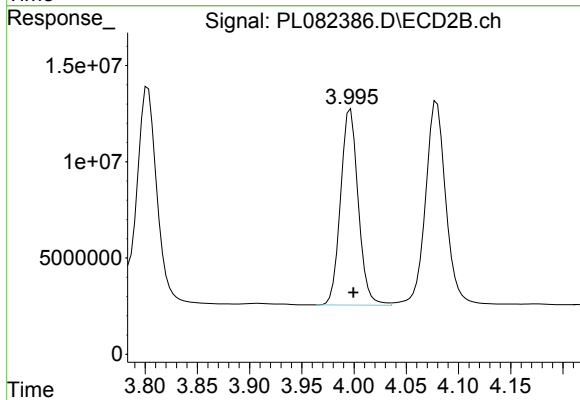
#7 delta-BHC

R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 153082756
Conc: 42.55 ng/ml

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

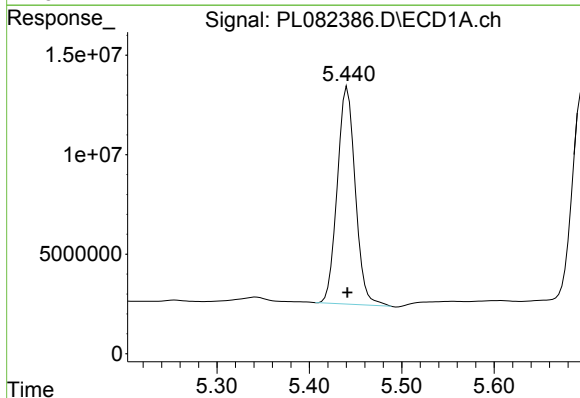
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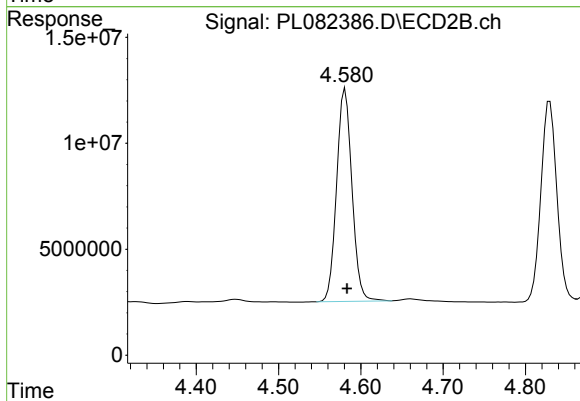
#7 delta-BHC

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 119557014
Conc: 38.98 ng/ml



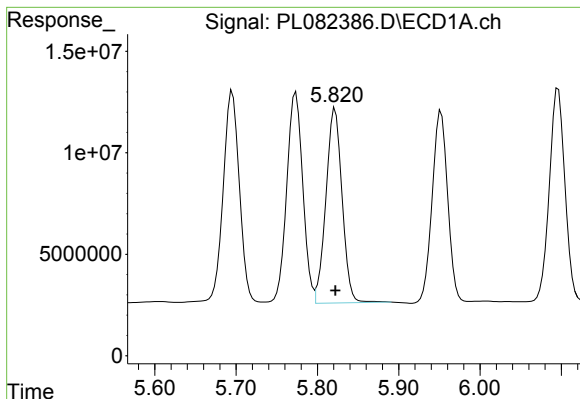
#8 Heptachlor epoxide

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 147911209
Conc: 48.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 130037846
Conc: 45.14 ng/ml



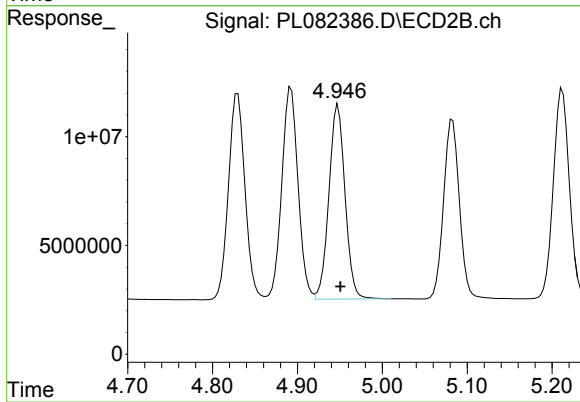
#9 Endosulfan I

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 133242928
Conc: 48.05 ng/ml

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

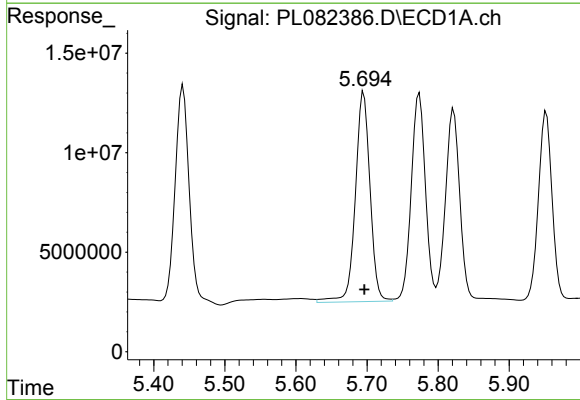
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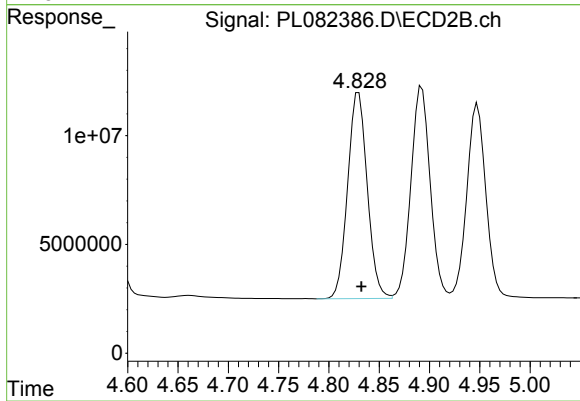
#9 Endosulfan I

R.T.: 4.948 min
Delta R.T.: -0.003 min
Response: 117896487
Conc: 44.17 ng/ml



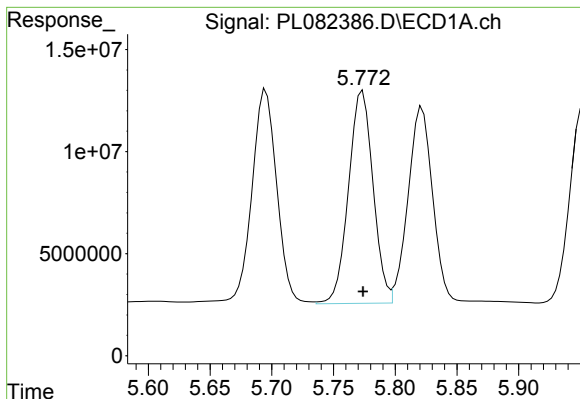
#10 gamma-Chlordane

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 151427647
Conc: 50.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 128259431
Conc: 44.20 ng/ml



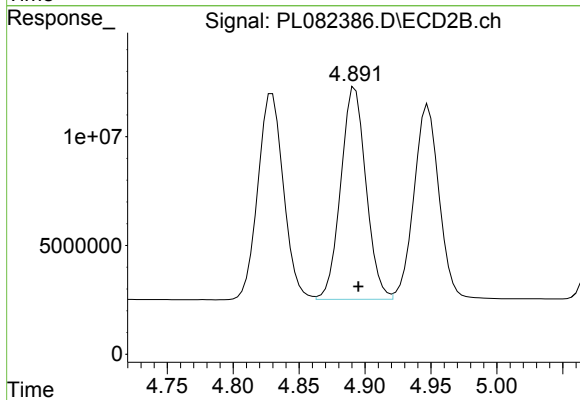
#11 alpha-Chlordane

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 144111351
Conc: 48.28 ng/ml

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

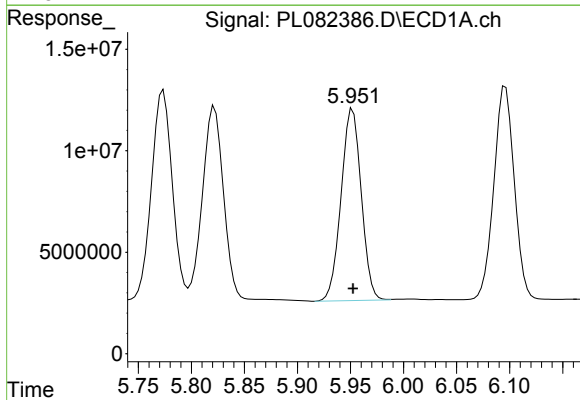
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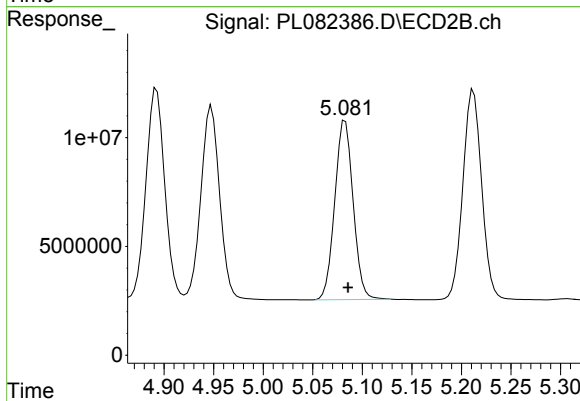
#11 alpha-Chlordane

R.T.: 4.892 min
Delta R.T.: -0.003 min
Response: 129668398
Conc: 44.67 ng/ml



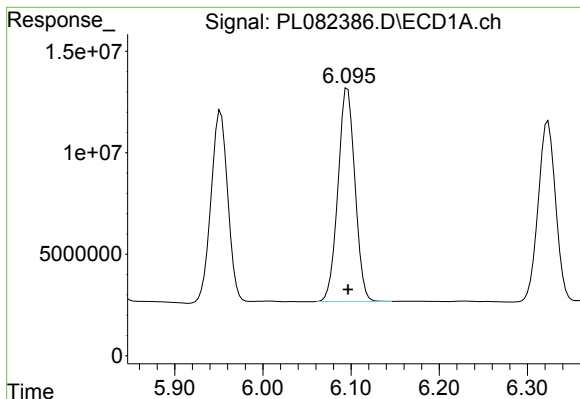
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 124868941
Conc: 49.12 ng/ml



#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: -0.003 min
Response: 106125875
Conc: 46.16 ng/ml



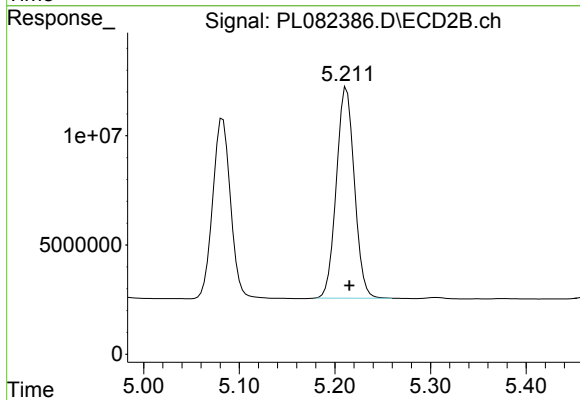
#13 Dieldrin

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 140580932
Conc: 50.95 ng/ml

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

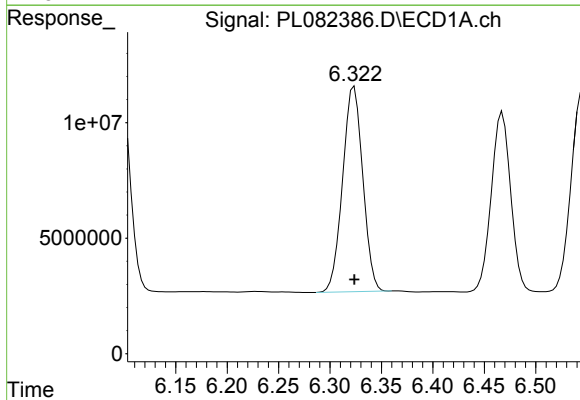
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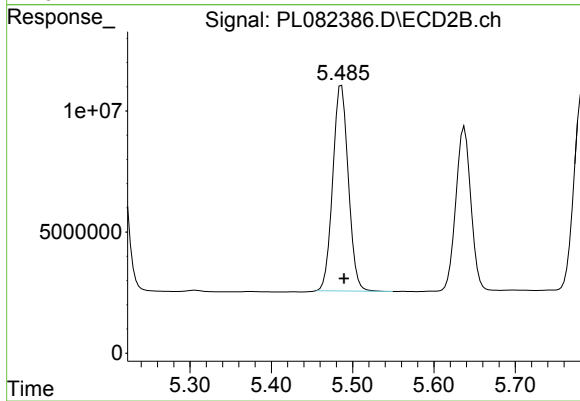
#13 Dieldrin

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 126531990
Conc: 46.86 ng/ml



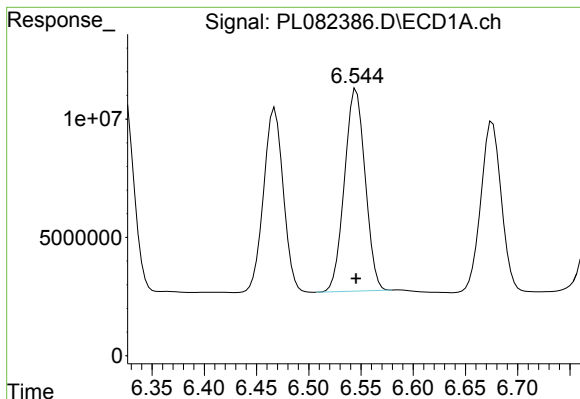
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 121268640
Conc: 50.02 ng/ml



#14 Endrin

R.T.: 5.486 min
Delta R.T.: -0.003 min
Response: 112912979
Conc: 46.16 ng/ml



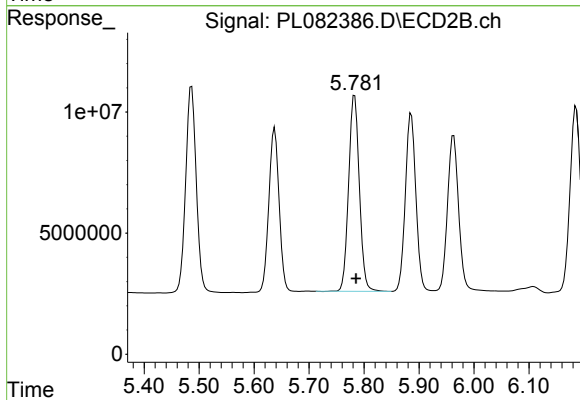
#15 Endosulfan II

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 117567852
Conc: 48.29 ng/ml

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

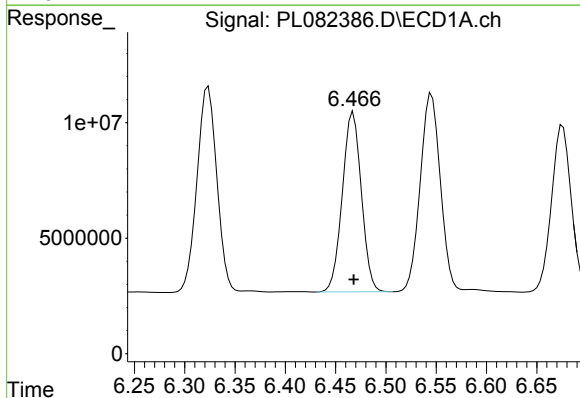
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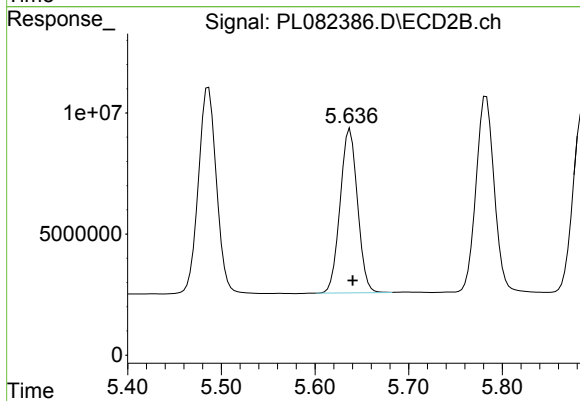
#15 Endosulfan II

R.T.: 5.783 min
Delta R.T.: -0.003 min
Response: 109682961
Conc: 48.66 ng/ml



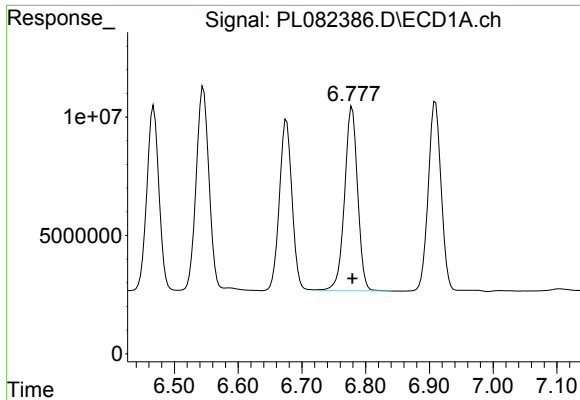
#16 4,4'-DDD

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 102245911
Conc: 50.44 ng/ml



#16 4,4'-DDD

R.T.: 5.637 min
Delta R.T.: -0.003 min
Response: 87432051
Conc: 46.75 ng/ml



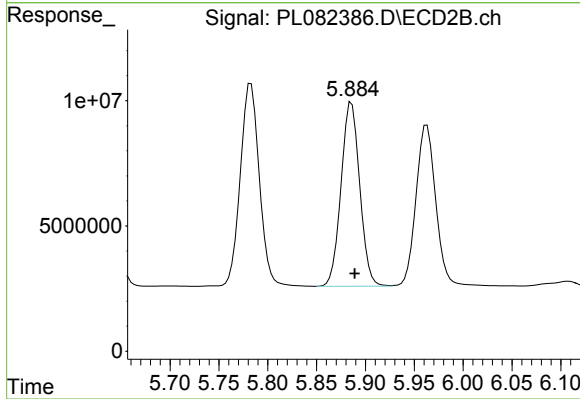
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 111094611
Conc: 48.56 ng/ml

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

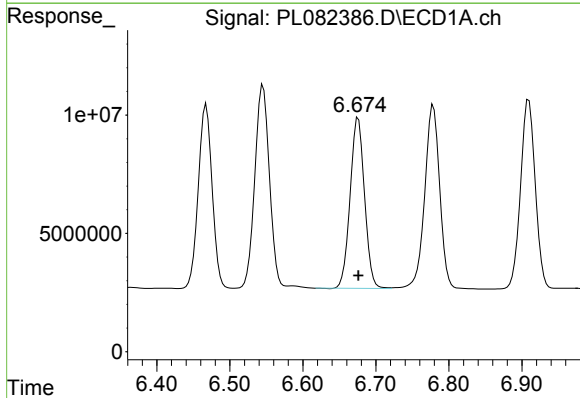
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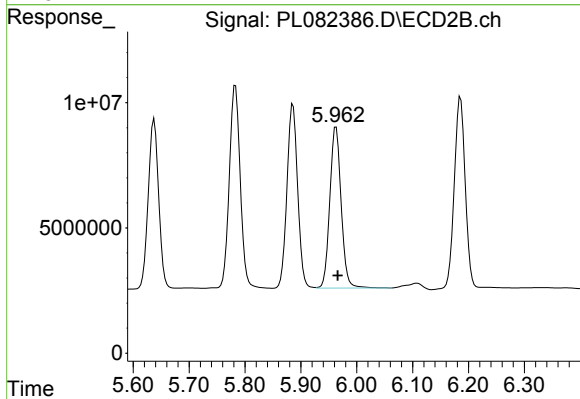
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 97818281
Conc: 46.30 ng/ml



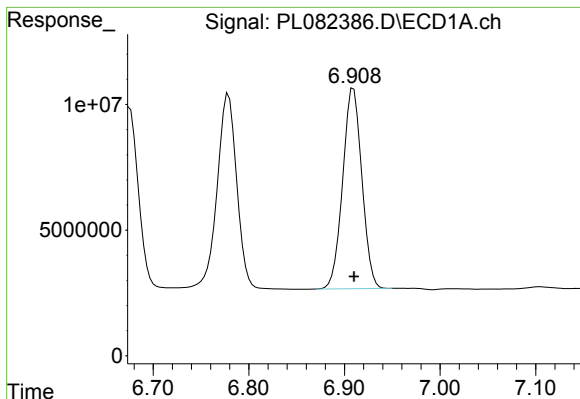
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 98858327
Conc: 52.47 ng/ml



#18 Endrin aldehyde

R.T.: 5.963 min
Delta R.T.: -0.003 min
Response: 90514883
Conc: 48.37 ng/ml



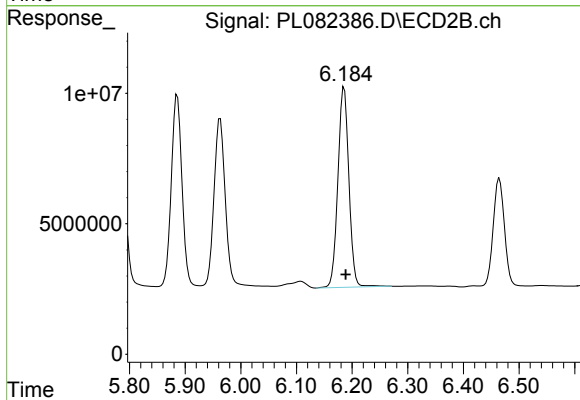
#19 Endosulfan Sulfate

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 111536548
Conc: 47.03 ng/ml

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

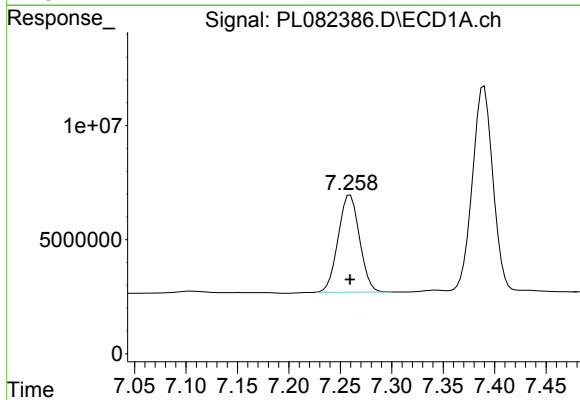
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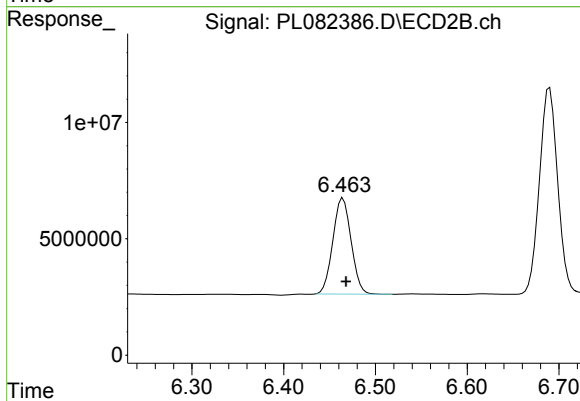
#19 Endosulfan Sulfate

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 105400115
Conc: 44.77 ng/ml



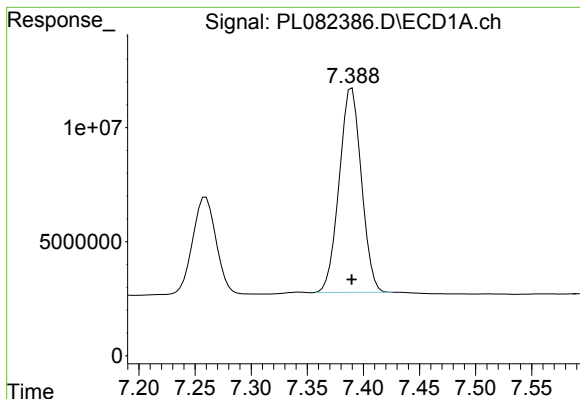
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 61548247
Conc: 50.44 ng/ml



#20 Methoxychlor

R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 57083157
Conc: 47.10 ng/ml



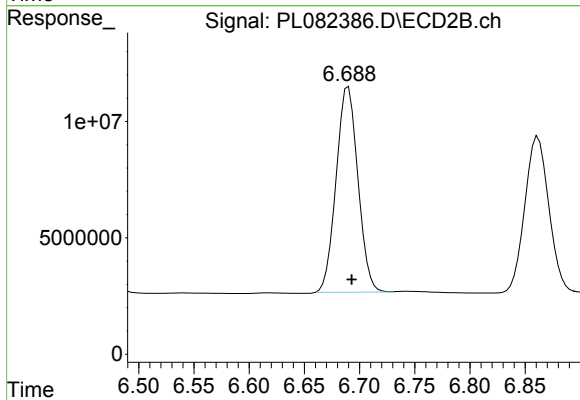
#21 Endrin ketone

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 123203448
Conc: 51.45 ng/ml

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

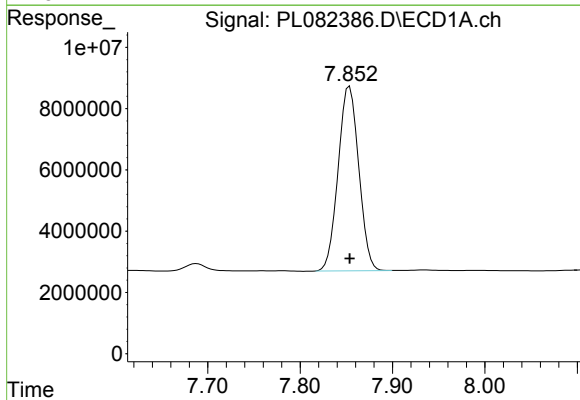
Manual Integrations
APPROVED

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



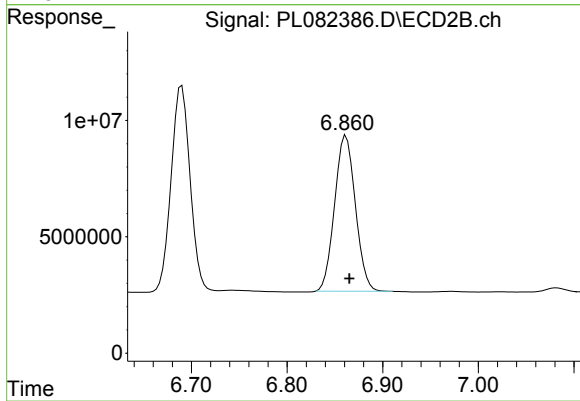
#21 Endrin ketone

R.T.: 6.690 min
Delta R.T.: -0.003 min
Response: 121127884
Conc: 47.72 ng/ml



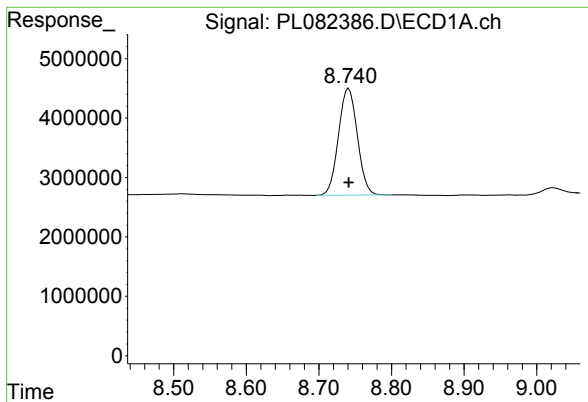
#22 Mirex

R.T.: 7.853 min
Delta R.T.: 0.000 min
Response: 93546530
Conc: 47.82 ng/ml



#22 Mirex

R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 101114217
Conc: 43.88 ng/ml



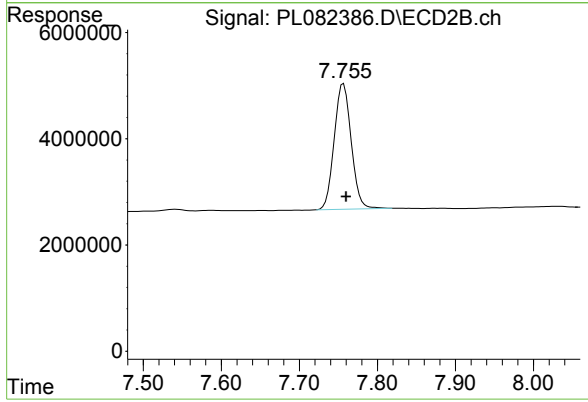
#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 32509043
Conc: 17.03 ng/ml

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

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#28 Decachlorobiphenyl

R.T.: 7.757 min
Delta R.T.: -0.003 min
Response: 35822802
Conc: 15.69 ng/ml