

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082659.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 17:13
 Operator : AR\AJ
 Sample : PB152710BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152710BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/12/2023
 Supervised By : Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 21:36:24 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...	3.319	2.641	53936942	48267816	20.192	20.834
28)	SA Decachlor...	8.735	7.747	44352935	51081074	23.233	22.379m
Target Compounds							
2)	A alpha-BHC	3.768	3.138	187.7E6	164.2E6	47.163	48.232
3)	MA gamma-BHC...	4.096	3.465	177.9E6	154.7E6	47.582	48.104
4)	MA Heptachlor	4.674	3.796	173.8E6	153.8E6	47.564	44.932
5)	MB Aldrin	5.011	4.073	162.1E6	155.4E6	49.156	49.325
6)	B beta-BHC	4.300	3.764	77867545	69764072	45.657	51.132m
7)	B delta-BHC	4.541	3.991	179.0E6	154.5E6	49.749	50.371
8)	B Heptachlo...	5.437	4.574	150.3E6	141.6E6	49.267	49.158
9)	A Endosulfan I	5.818	4.941	138.3E6	133.1E6	49.868	49.866
10)	B gamma-Chl...	5.692	4.822	154.1E6	144.7E6	51.249	49.856
11)	B alpha-Chl...	5.770	4.885	149.9E6	144.0E6	50.227	49.604
12)	B 4,4'-DDE	5.947	5.075	133.0E6	122.6E6	52.335	53.312m
13)	MA Dieldrin	6.092	5.204	142.9E6	137.7E6	51.784	50.980m
14)	MA Endrin	6.319	5.478	116.5E6	116.1E6	48.048	47.465m
15)	B Endosulfa...	6.541	5.776	118.1E6	117.8E6	48.527	52.276
16)	A 4,4'-DDD	6.463	5.630	113.5E6	105.6E6	56.002	56.465
17)	MA 4,4'-DDT	6.775	5.879	106.4E6	99959989	46.531	47.316
18)	B Endrin al...	6.671	5.956	98394809	96215688	52.222	51.414
19)	B Endosulfa...	6.905	6.178	120.1E6	119.7E6	50.660	50.848
20)	A Methoxychlor	7.255	6.457	54852131	56057397	44.949	46.258m
21)	B Endrin ke...	7.385	6.681	127.2E6	136.3E6	53.122	53.699m
22)	Mirex	7.849	6.854	92263497	94270876	47.162	40.911

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
Data File : PL082659.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 May 2023 17:13
Operator : AR\AJ
Sample : PB152710BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152710BS

Manual Integrations

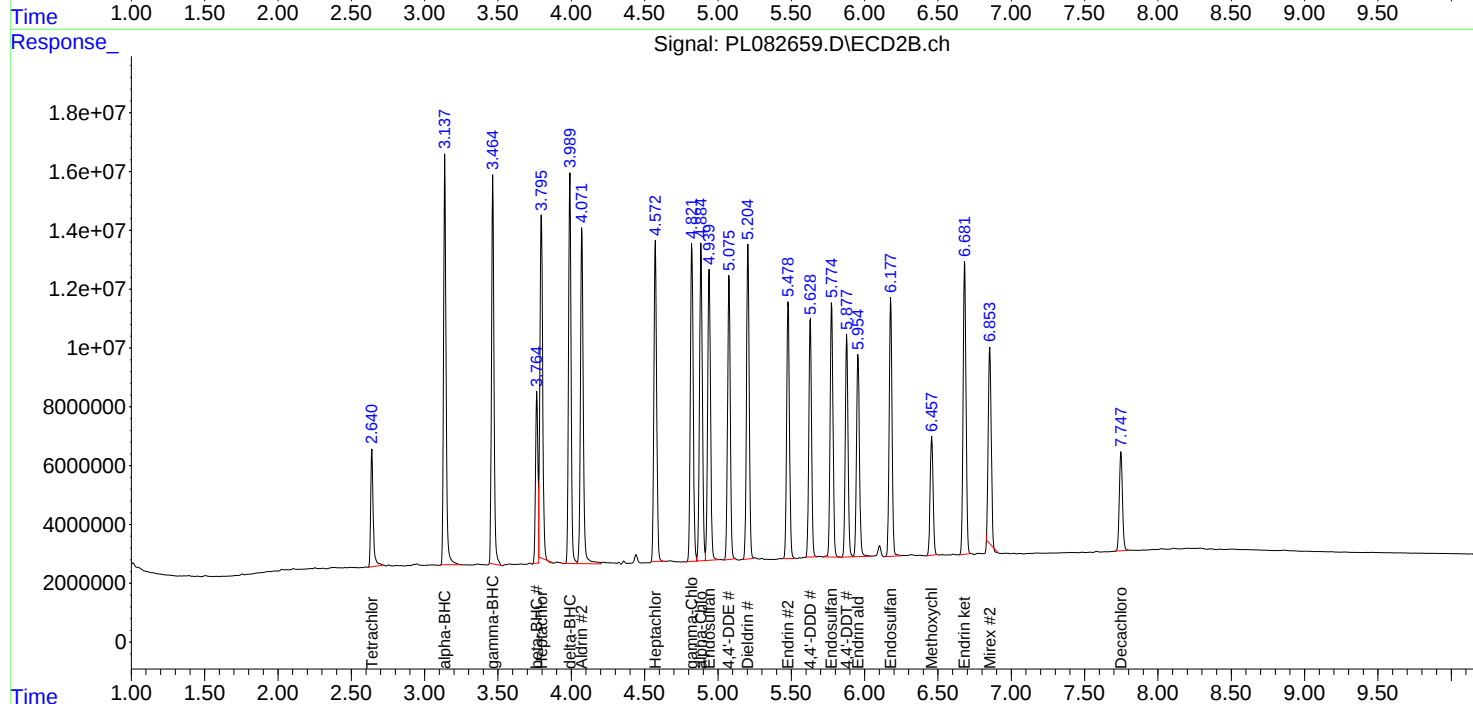
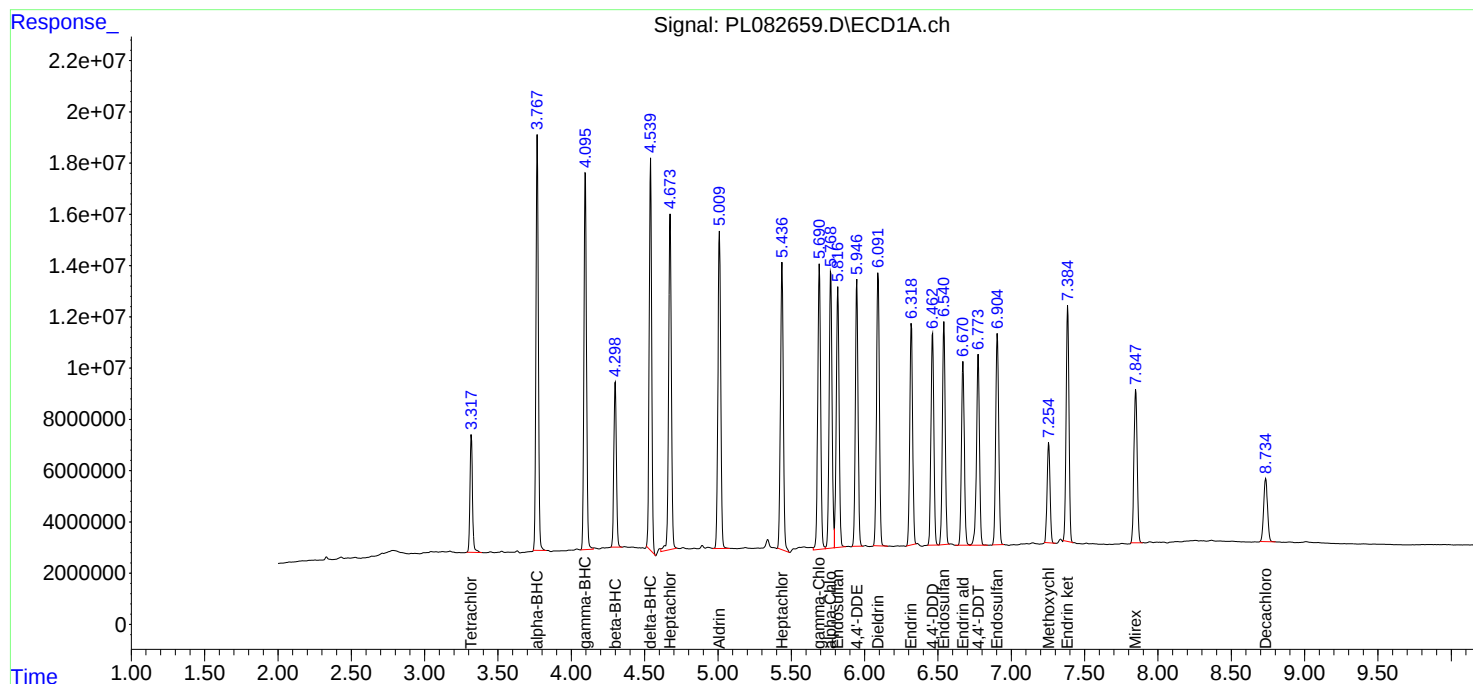
APPROVED

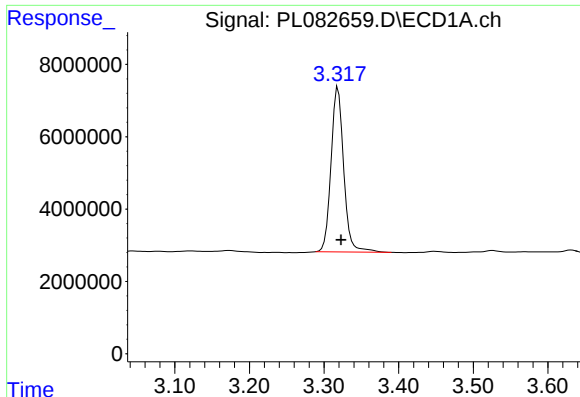
Reviewed By :Abdul Mirza 05/12/2023

Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 21:36:24 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





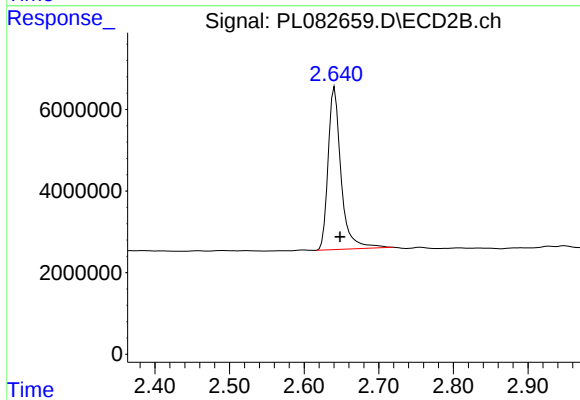
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 53936942
Conc: 20.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

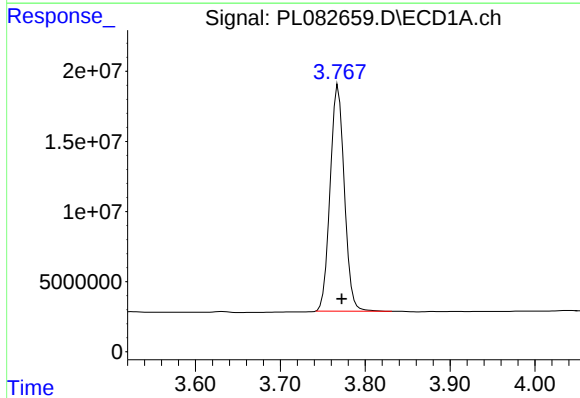
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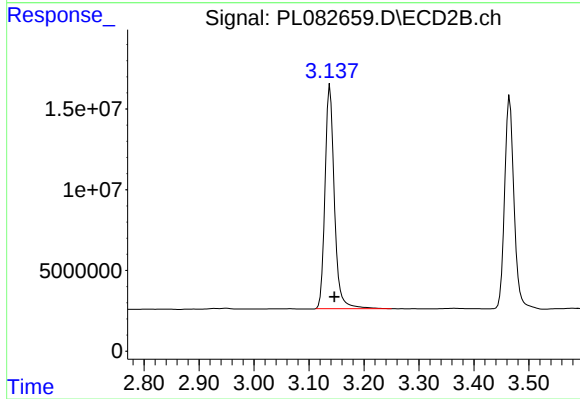
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 48267816
Conc: 20.83 ng/ml



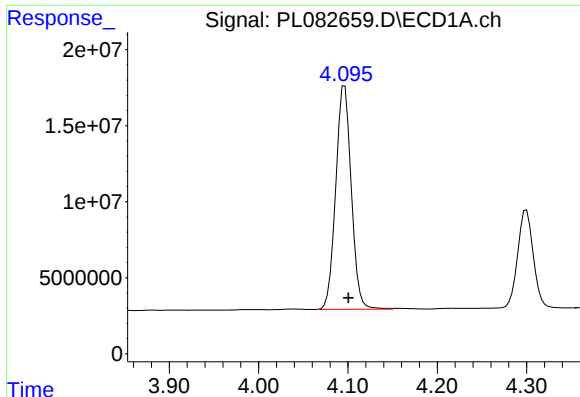
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 187721348
Conc: 47.16 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 164157207
Conc: 48.23 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 177904561
Conc: 47.58 ng/ml

Instrument :

ECD_L

ClientSampleId :

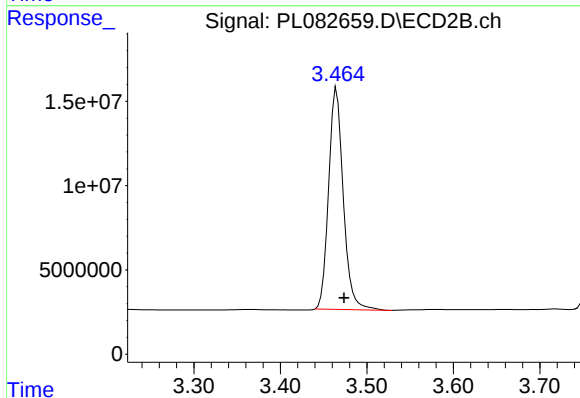
PB152710BS

Manual Integrations

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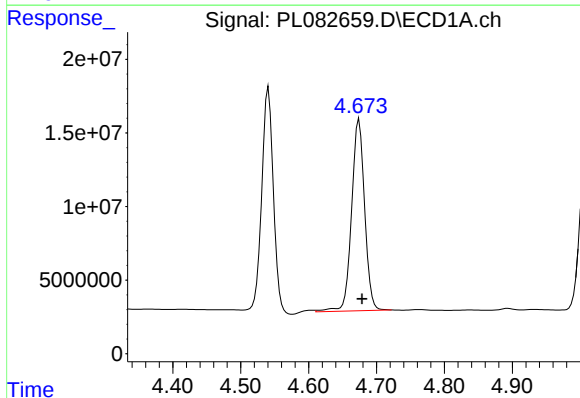
Reviewed By :Abdul Mirza 05/12/2023

Supervised By :Ankita Jodhani 05/16/2023



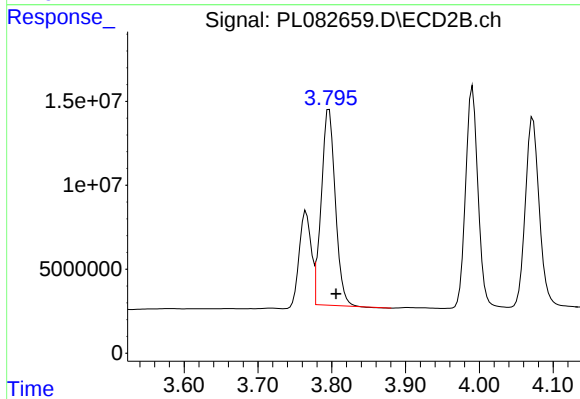
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.008 min
Response: 154667765
Conc: 48.10 ng/ml



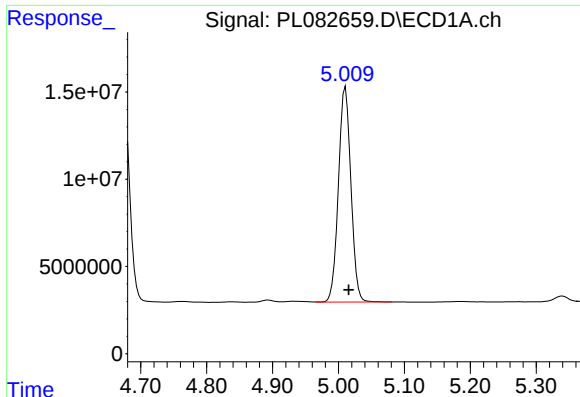
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.004 min
Response: 173793882
Conc: 47.56 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.009 min
Response: 153814779
Conc: 44.93 ng/ml



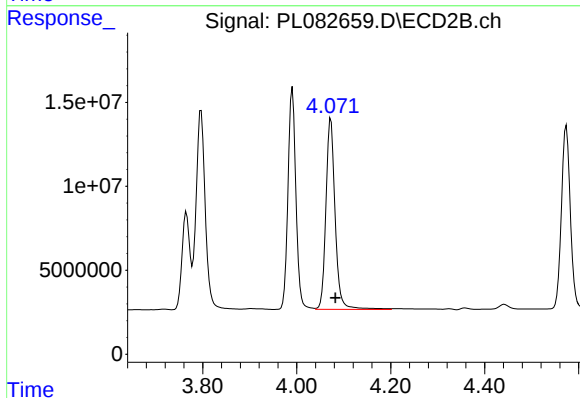
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 162095645
Conc: 49.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

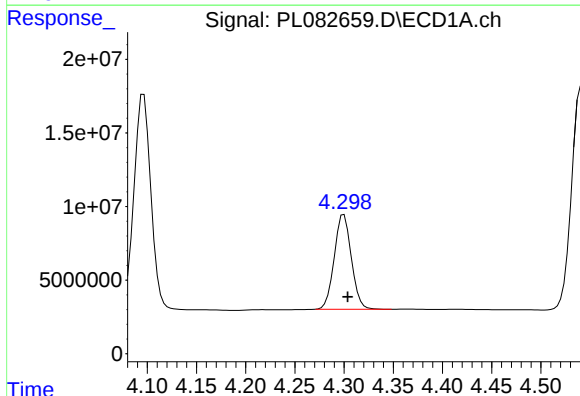
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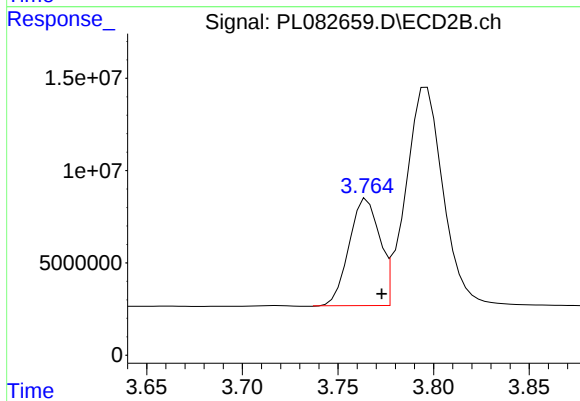
#5 Aldrin

R.T.: 4.073 min
Delta R.T.: -0.010 min
Response: 155365376
Conc: 49.32 ng/ml



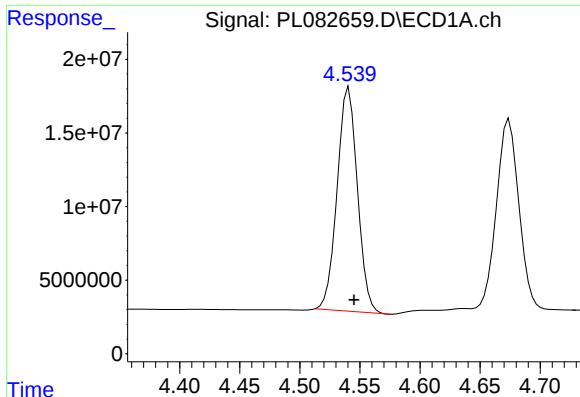
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 77867545
Conc: 45.66 ng/ml



#6 beta-BHC

R.T.: 3.764 min
Delta R.T.: -0.009 min
Response: 69764072
Conc: 51.13 ng/ml m



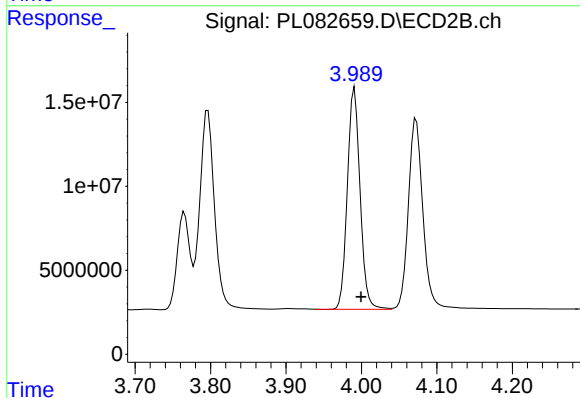
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 178985894
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

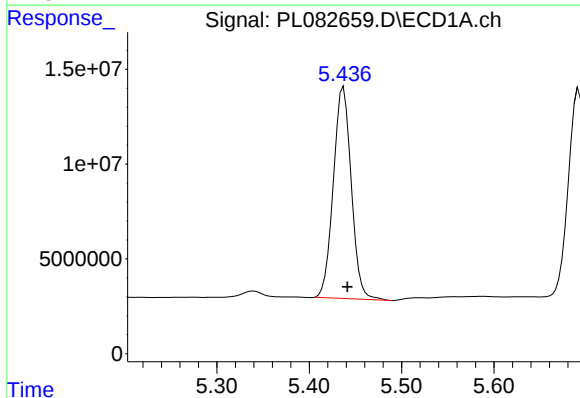
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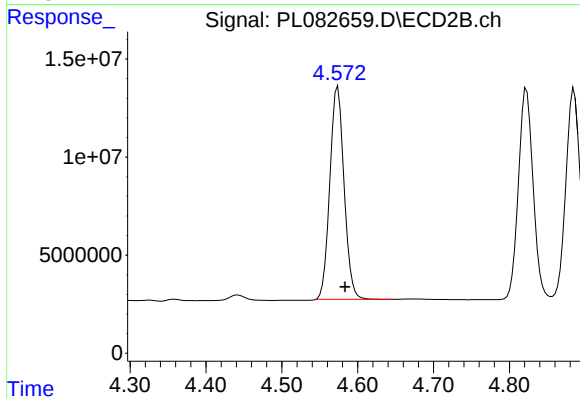
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.009 min
Response: 154508696
Conc: 50.37 ng/ml



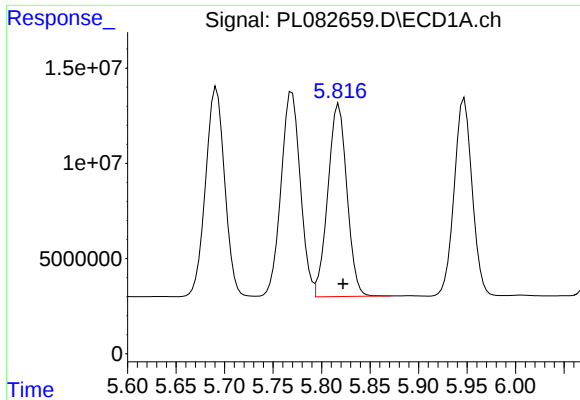
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 150282215
Conc: 49.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.574 min
Delta R.T.: -0.010 min
Response: 141619924
Conc: 49.16 ng/ml



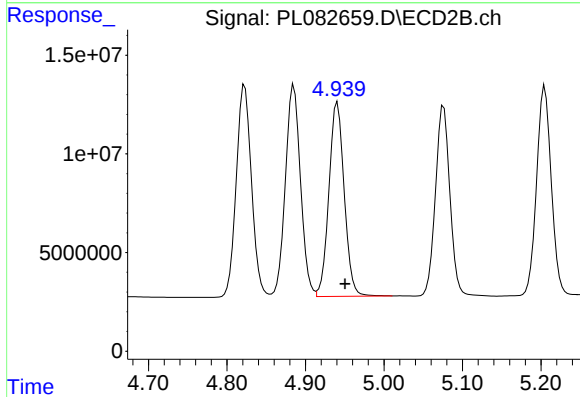
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 138271695
Conc: 49.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

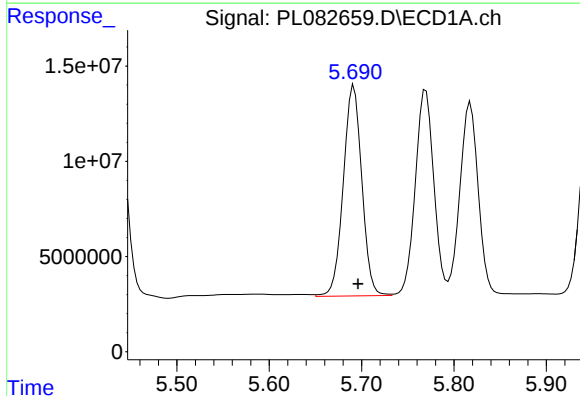
Manual Integrations
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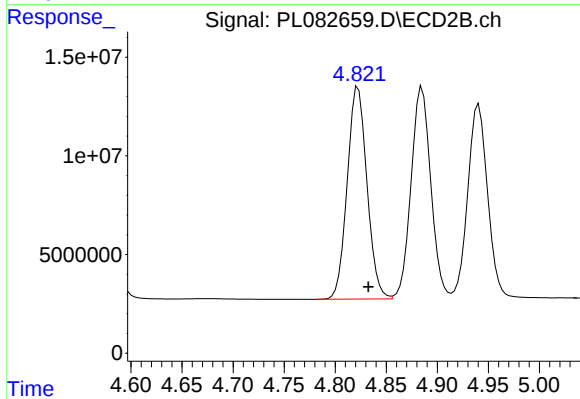
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 133113255
Conc: 49.87 ng/ml



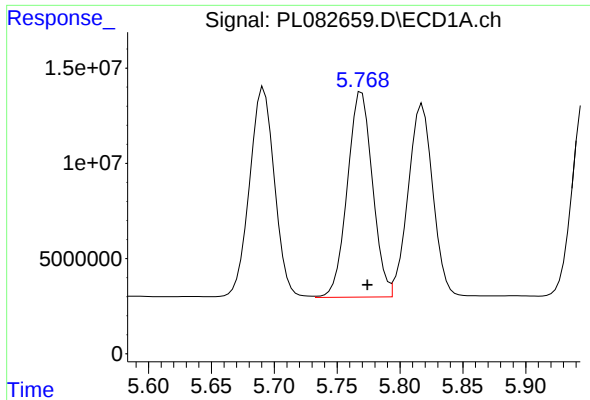
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 154098120
Conc: 51.25 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.010 min
Response: 144675099
Conc: 49.86 ng/ml



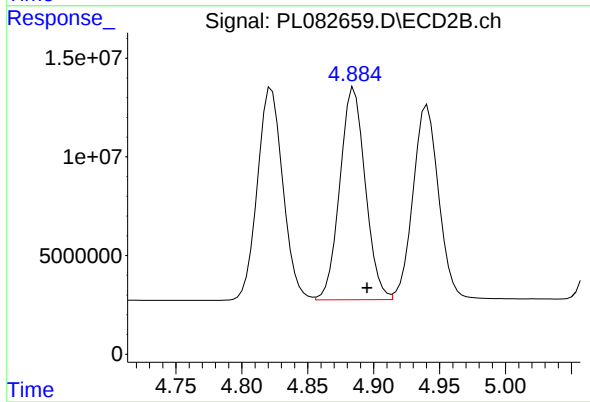
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.005 min
Response: 149906814
Conc: 50.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

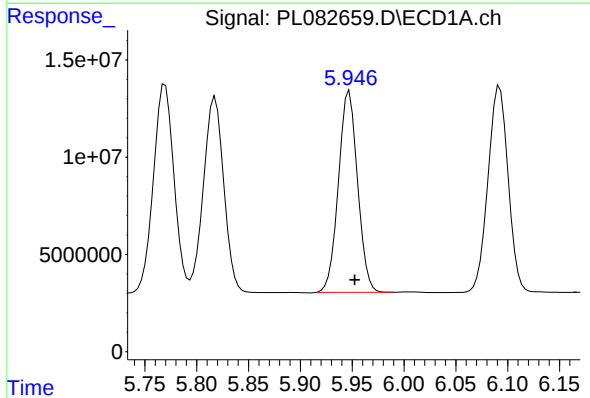
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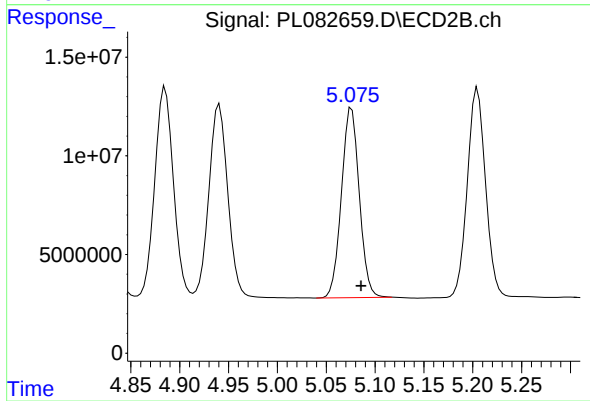
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 143990848
Conc: 49.60 ng/ml



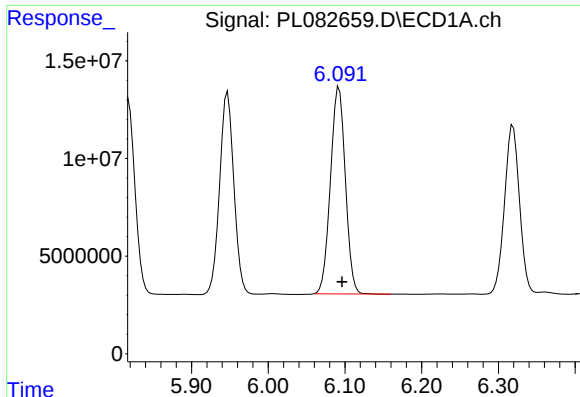
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 133036784
Conc: 52.33 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.011 min
Response: 122561557
Conc: 53.31 ng/ml m



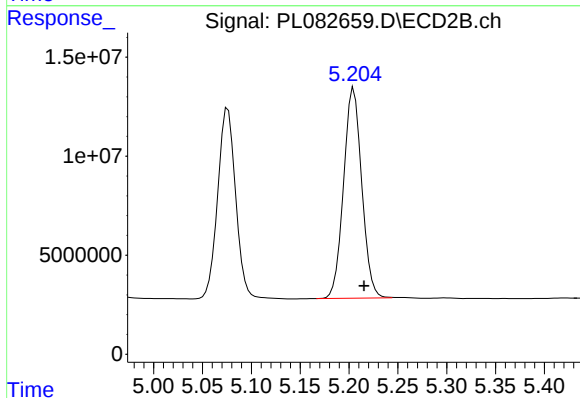
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.004 min
Response: 142878446
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

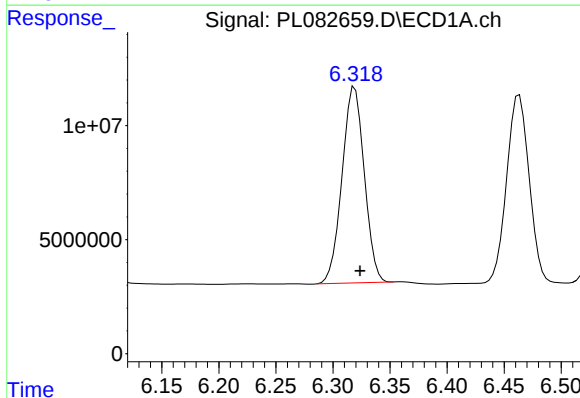
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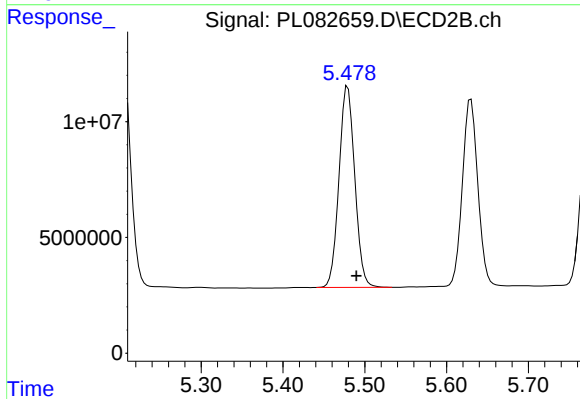
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: -0.012 min
Response: 137665949
Conc: 50.98 ng/ml m



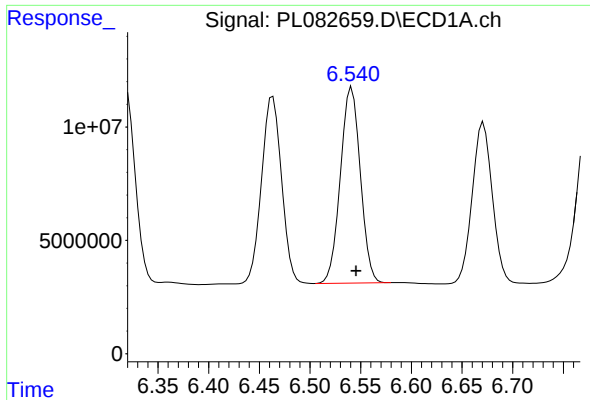
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 116494872
Conc: 48.05 ng/ml



#14 Endrin

R.T.: 5.478 min
Delta R.T.: -0.012 min
Response: 116097454
Conc: 47.46 ng/ml m



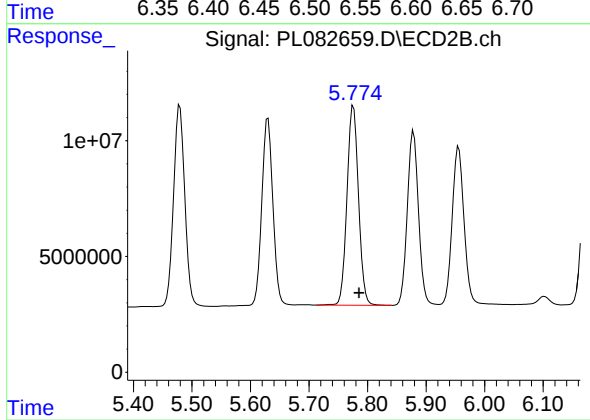
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.004 min
Response: 118141664
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

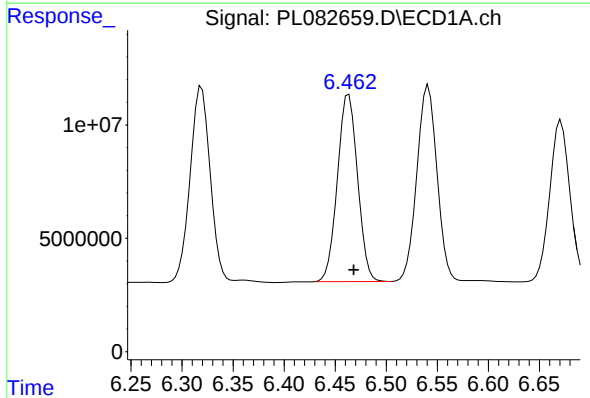
Manual Integrations
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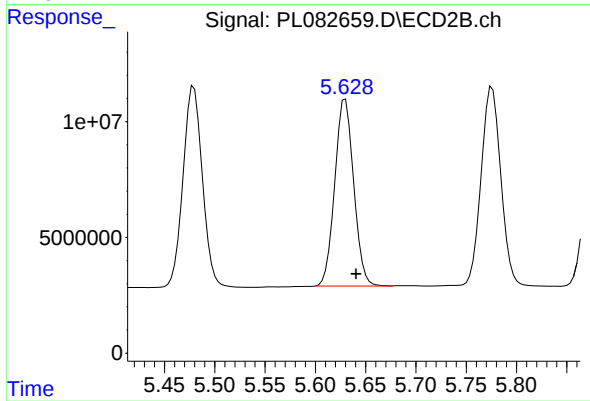
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.010 min
Response: 117836154
Conc: 52.28 ng/ml



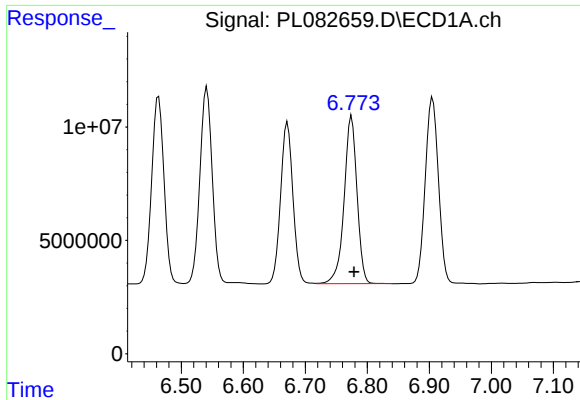
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 113526458
Conc: 56.00 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 105612934
Conc: 56.47 ng/ml



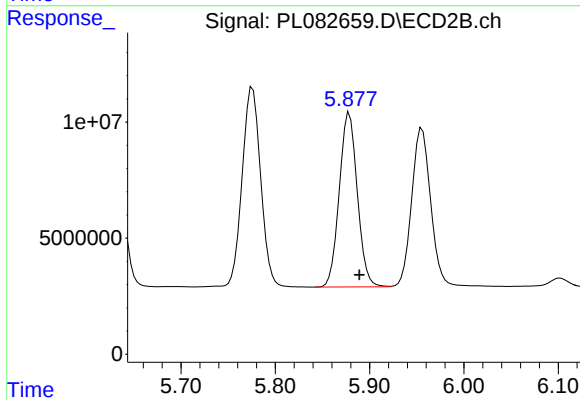
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 106449507
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

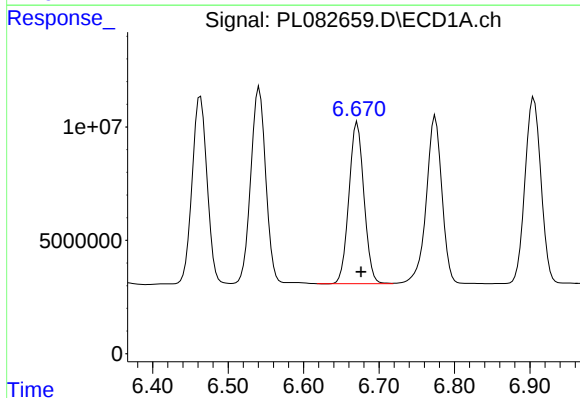
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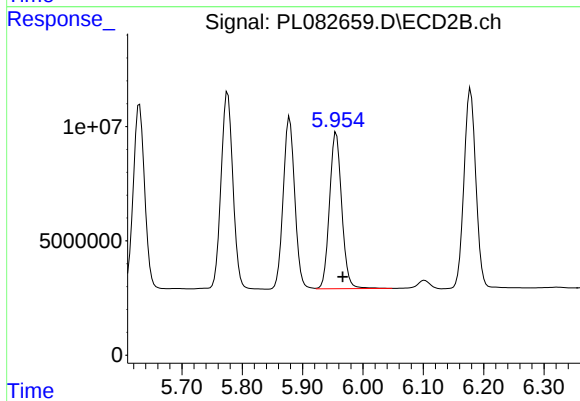
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.011 min
Response: 99959989
Conc: 47.32 ng/ml



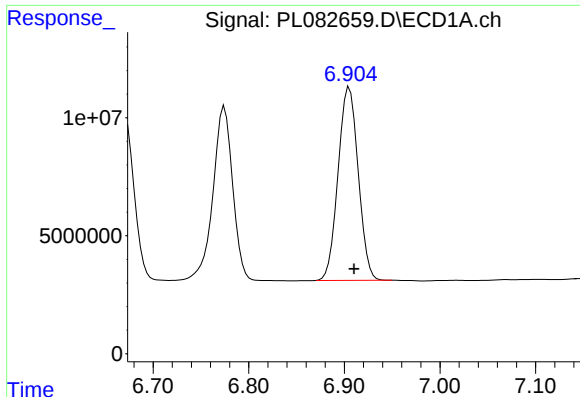
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.005 min
Response: 98394809
Conc: 52.22 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 96215688
Conc: 51.41 ng/ml



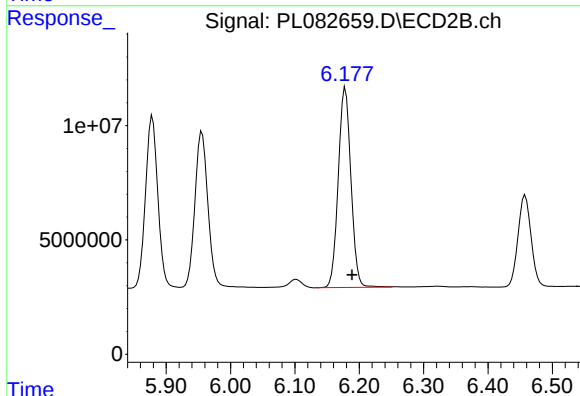
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.005 min
Response: 120143283
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

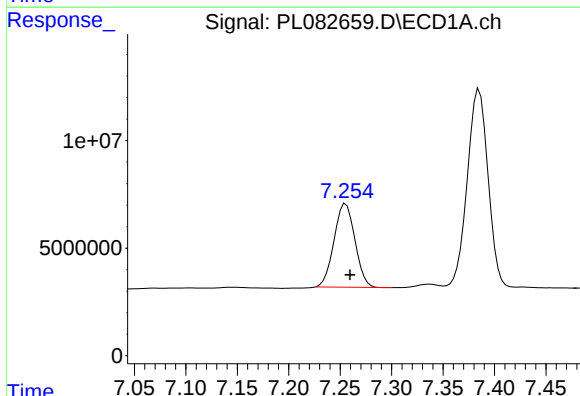
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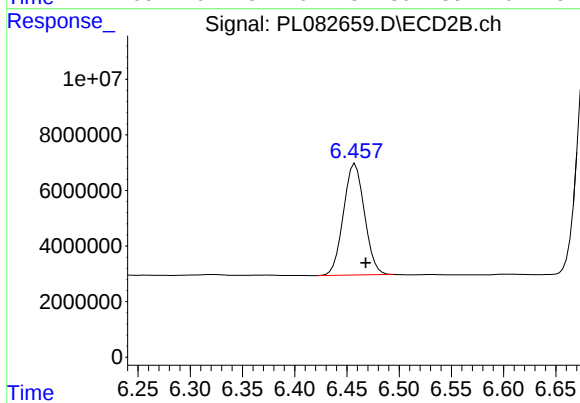
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 119709898
Conc: 50.85 ng/ml



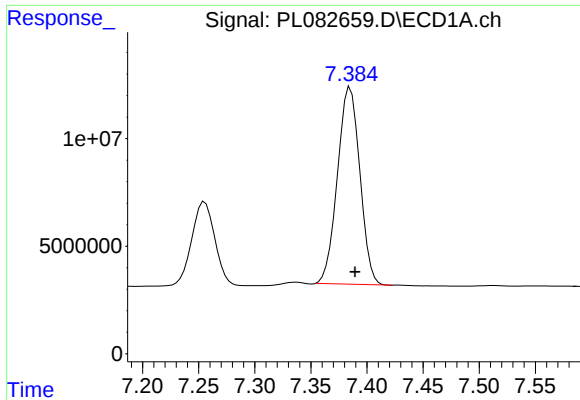
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.004 min
Response: 54852131
Conc: 44.95 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.012 min
Response: 56057397
Conc: 46.26 ng/ml m



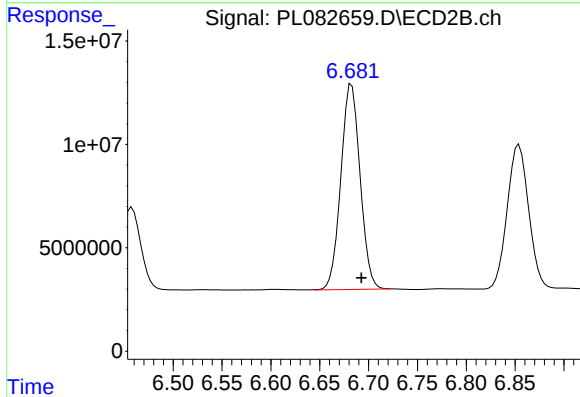
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 127195278
Conc: 53.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

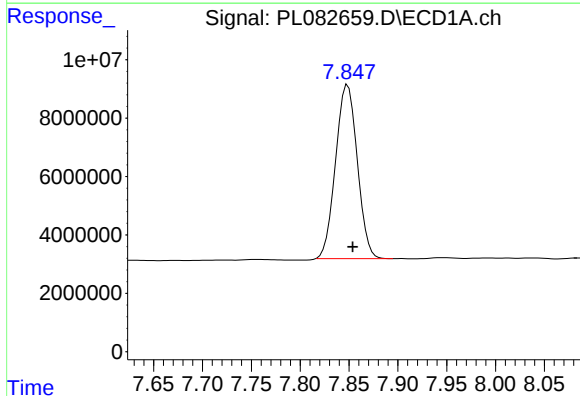
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2023
Supervised By :Ankita Jodhani 05/16/2023



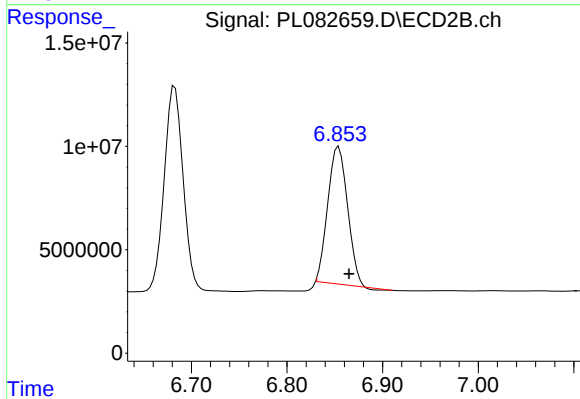
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.012 min
Response: 136298461
Conc: 53.70 ng/ml m



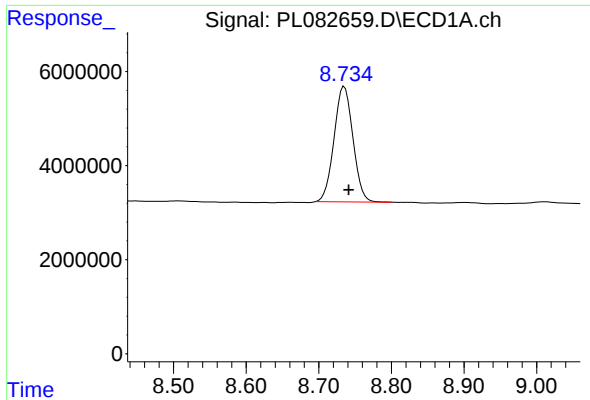
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.005 min
Response: 92263497
Conc: 47.16 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: -0.011 min
Response: 94270876
Conc: 40.91 ng/ml



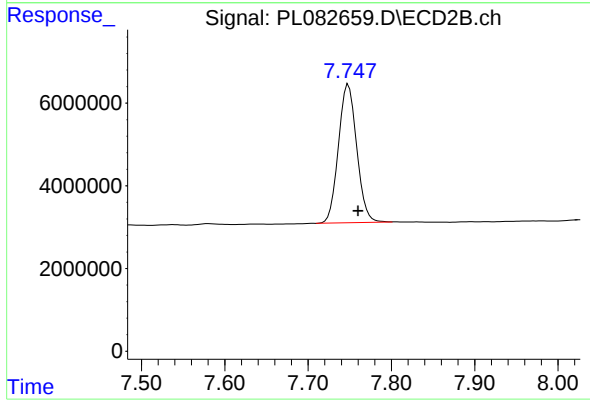
#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.006 min
Response: 44352935
Conc: 23.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

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#28 Decachlorobiphenyl

R.T.: 7.747 min
Delta R.T.: -0.013 min
Response: 51081074
Conc: 22.38 ng/ml m