

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051223\
 Data File : PL082689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2023 13:47
 Operator : AR\AJ
 Sample : PB152753BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152753BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/15/2023
 Supervised By : Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 23:18:33 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...	3.320	2.642	58076252	48742826	21.742	21.039
28)	SA Decachlor...	8.740	7.752	48225636	51218850	25.261	22.440
Target Compounds							
2)	A alpha-BHC	3.770	3.139	210.4E6	172.3E6	52.850	50.639
3)	MA gamma-BHC...	4.098	3.466	195.7E6	163.5E6	52.336	50.839
4)	MA Heptachlor	4.676	3.798	195.5E6	168.6E6	53.517	49.238
5)	MB Aldrin	5.013	4.075	177.0E6	163.7E6	53.663	51.957
6)	B beta-BHC	4.301	3.765	85176734	61523247	49.942	45.092m
7)	B delta-BHC	4.543	3.993	188.1E6	159.6E6	52.285	52.036
8)	B Heptachlo...	5.440	4.576	161.9E6	144.6E6	53.060	50.207
9)	A Endosulfan I	5.820	4.943	147.6E6	134.3E6	53.224	50.293
10)	B gamma-Chl...	5.693	4.825	164.1E6	145.5E6	54.577m	50.131
11)	B alpha-Chl...	5.772	4.888	161.2E6	145.6E6	54.001	50.169
12)	B 4,4'-DDE	5.950	5.078	140.7E6	118.3E6	55.342	51.439
13)	MA Dieldrin	6.095	5.208	152.0E6	137.4E6	55.078	50.865
14)	MA Endrin	6.322	5.481	135.9E6	126.8E6	56.046	51.837m
15)	B Endosulfa...	6.545	5.779	125.5E6	117.1E6	51.569	51.935
16)	A 4,4'-DDD	6.466	5.633	112.6E6	96897963	55.527	51.806
17)	MA 4,4'-DDT	6.778	5.882	128.4E6	111.2E6	56.142	52.642
18)	B Endrin al...	6.675	5.959	103.3E6	95630110	54.848	51.101
19)	B Endosulfa...	6.909	6.181	124.7E6	119.4E6	52.586	50.724
20)	A Methoxychlor	7.258	6.459	67575844	62741233	55.375	51.774m
21)	B Endrin ke...	7.389	6.684	129.9E6	129.1E6	54.232	50.851m
22)	Mirex	7.853	6.856	98108001	107.2E6	50.149	46.542m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051223\
Data File : PL082689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2023 13:47
Operator : AR\AJ
Sample : PB152753BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152753BS

Manual Integrations

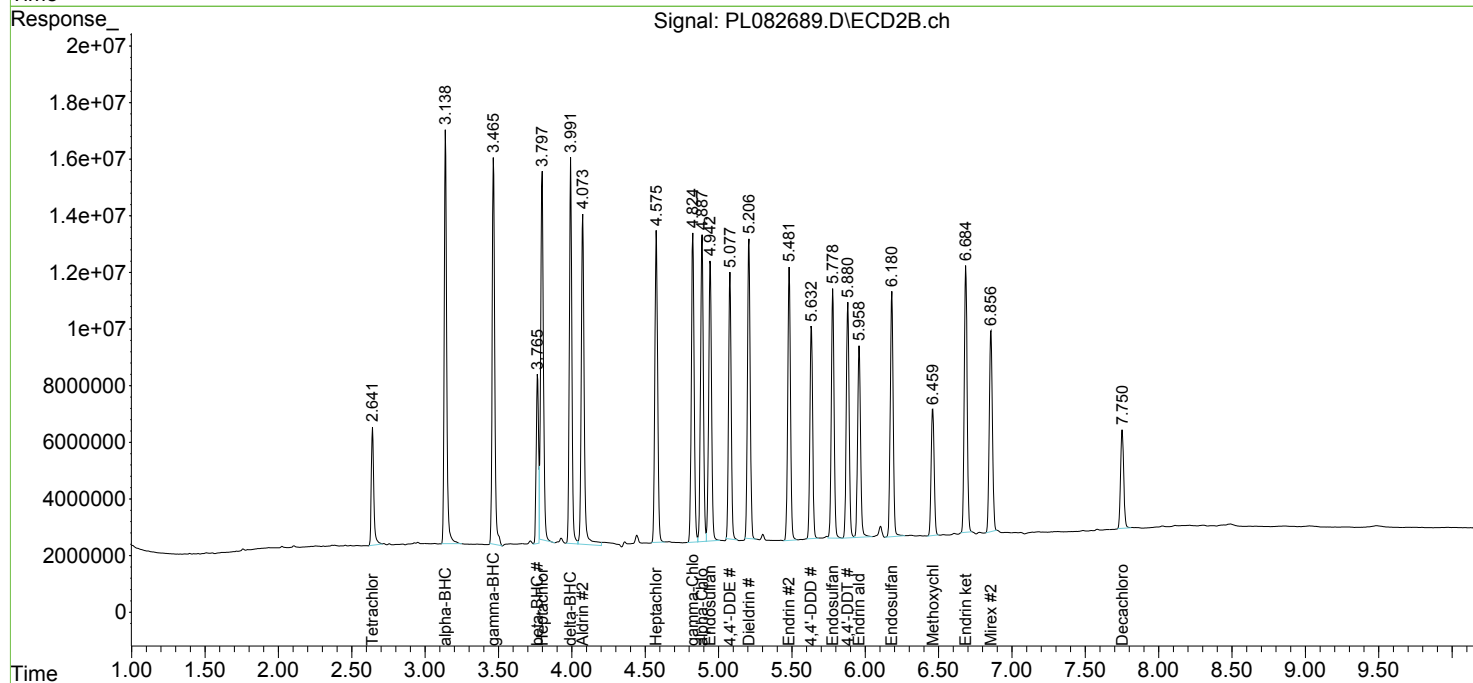
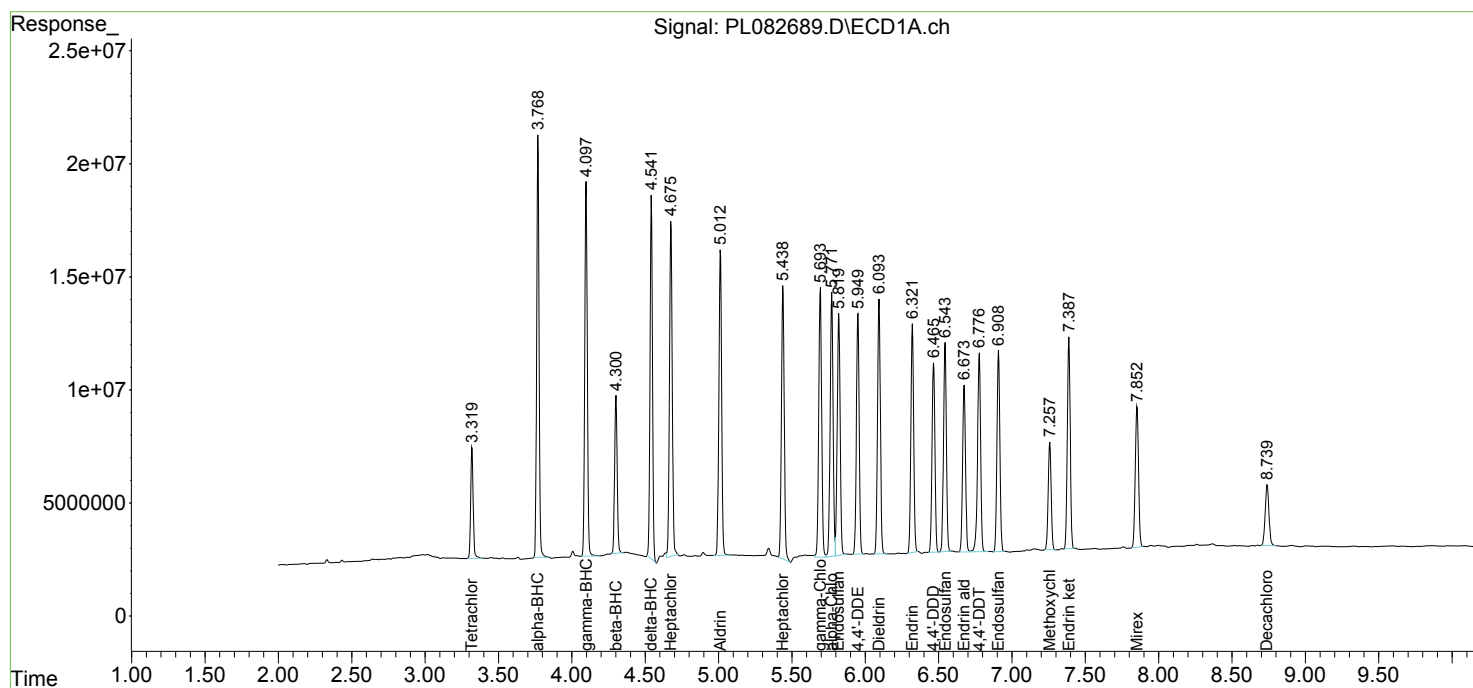
APPROVED

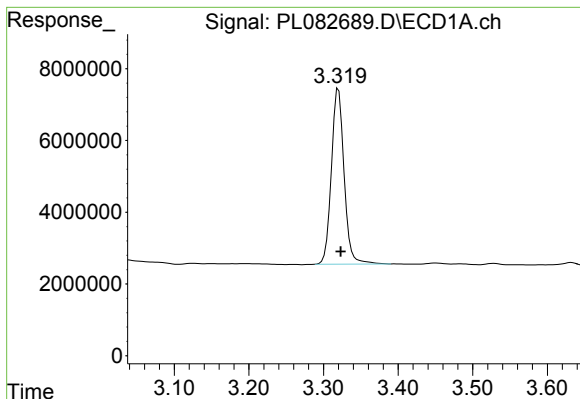
Reviewed By :Abdul Mirza 05/15/2023

Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 23:18:33 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





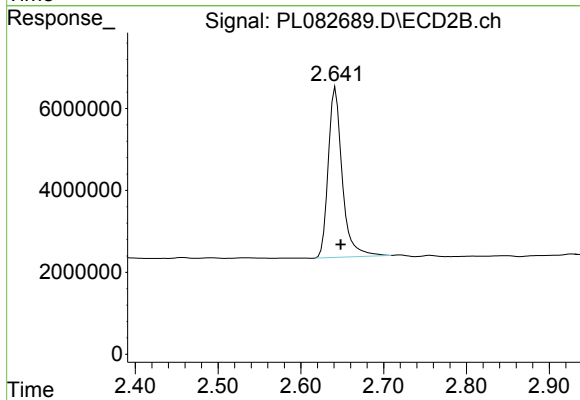
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 58076252
Conc: 21.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152753BS

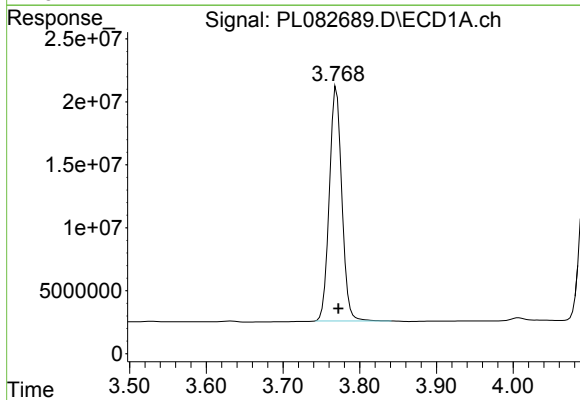
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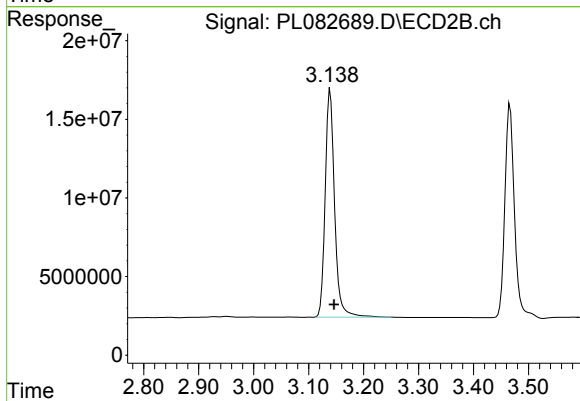
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 48742826
Conc: 21.04 ng/ml



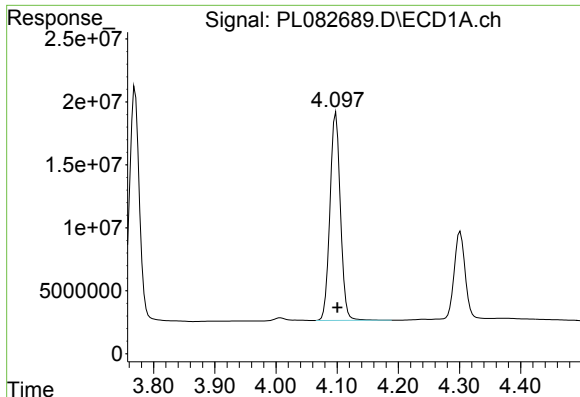
#2 alpha-BHC

R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 210355178
Conc: 52.85 ng/ml



#2 alpha-BHC

R.T.: 3.139 min
Delta R.T.: -0.007 min
Response: 172348874
Conc: 50.64 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.098 min
Delta R.T.: -0.002 min
Response: 195680824
Conc: 52.34 ng/ml

Instrument :

ECD_L

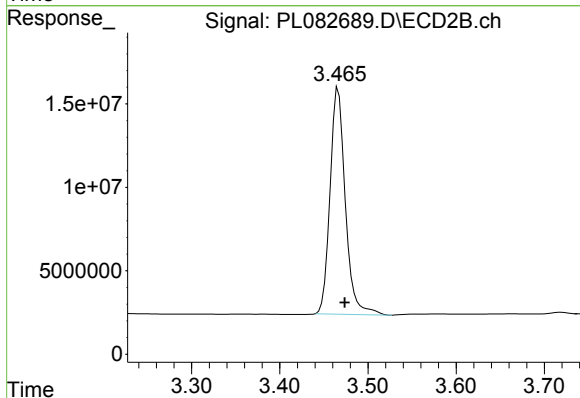
ClientSampleId :

PB152753BS

Manual Integrations

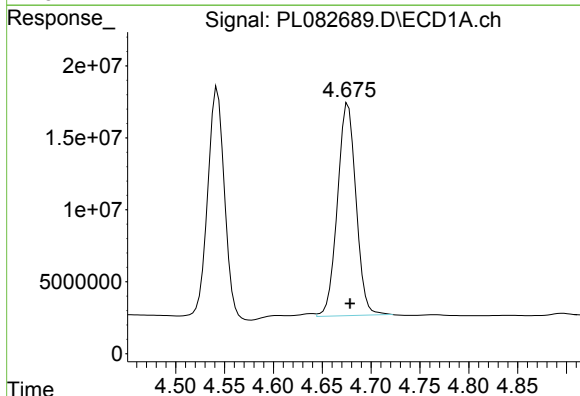
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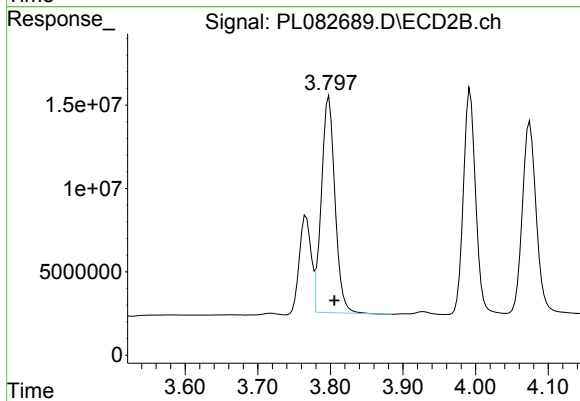
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.007 min
Response: 163461632
Conc: 50.84 ng/ml



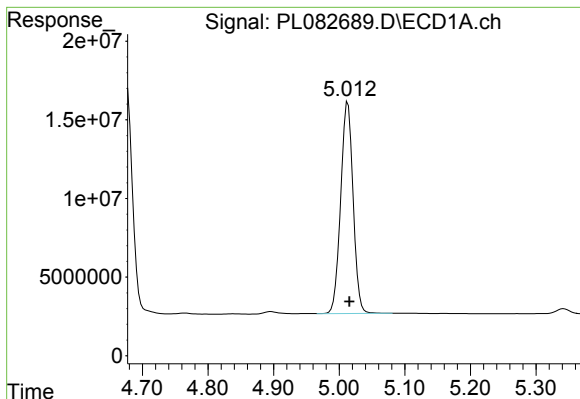
#4 Heptachlor

R.T.: 4.676 min
Delta R.T.: -0.002 min
Response: 195547257
Conc: 53.52 ng/ml



#4 Heptachlor

R.T.: 3.798 min
Delta R.T.: -0.008 min
Response: 168555100
Conc: 49.24 ng/ml



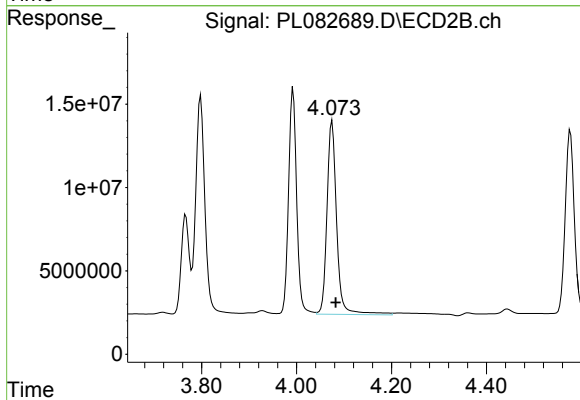
#5 Aldrin

R.T.: 5.013 min
Delta R.T.: -0.002 min
Response: 176957978
Conc: 53.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152753BS

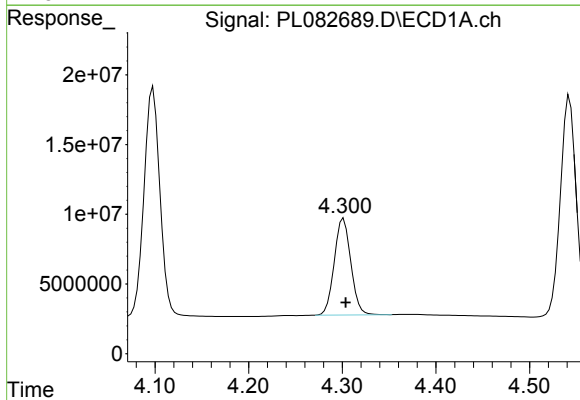
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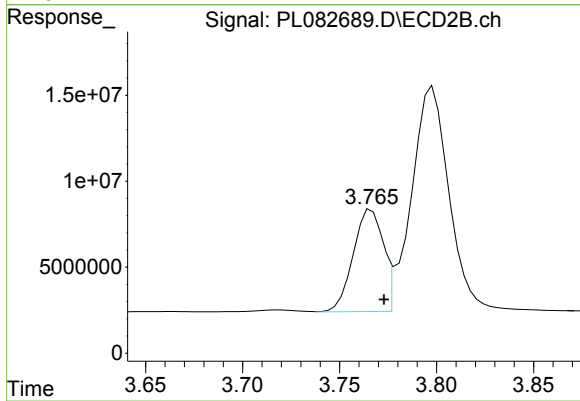
#5 Aldrin

R.T.: 4.075 min
Delta R.T.: -0.007 min
Response: 163658127
Conc: 51.96 ng/ml



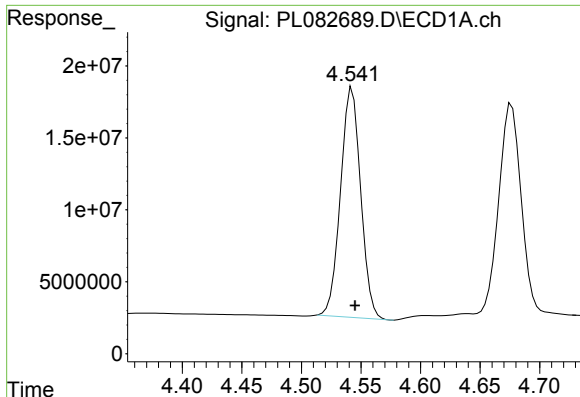
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 85176734
Conc: 49.94 ng/ml



#6 beta-BHC

R.T.: 3.765 min
Delta R.T.: -0.008 min
Response: 61523247
Conc: 45.09 ng/ml m



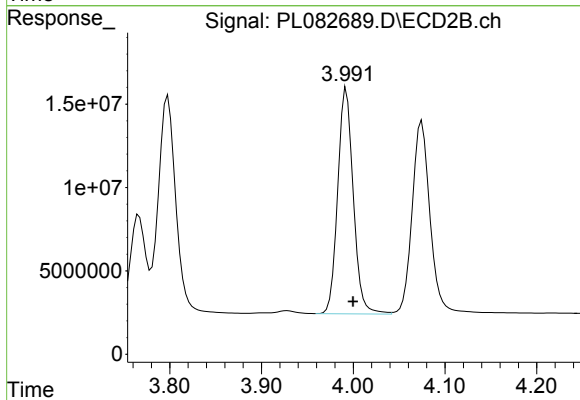
#7 delta-BHC

R.T.: 4.543 min
Delta R.T.: -0.003 min
Response: 188109595
Conc: 52.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152753BS

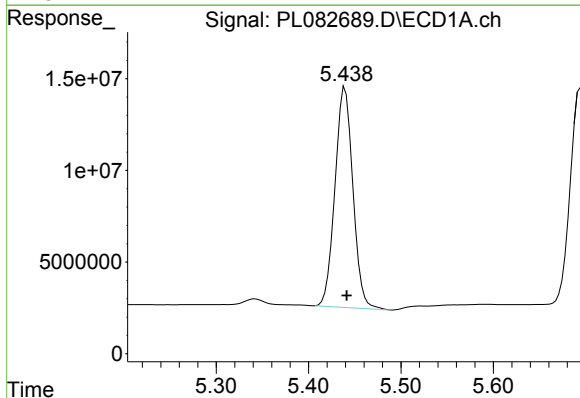
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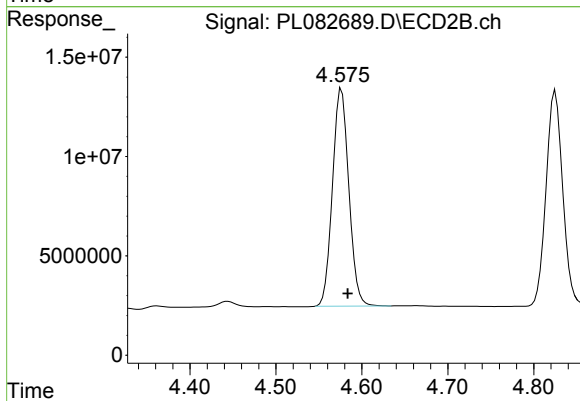
#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.007 min
Response: 159613743
Conc: 52.04 ng/ml



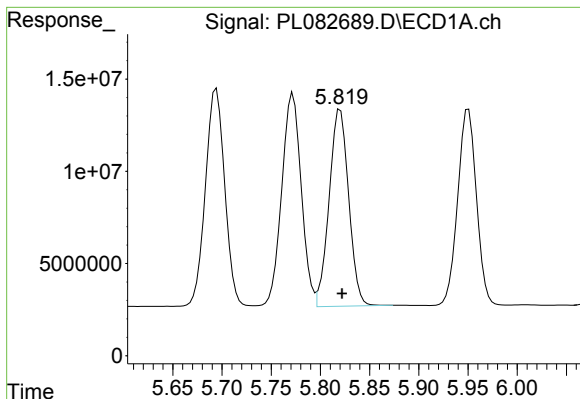
#8 Heptachlor epoxide

R.T.: 5.440 min
Delta R.T.: -0.002 min
Response: 161853032
Conc: 53.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 144639913
Conc: 50.21 ng/ml



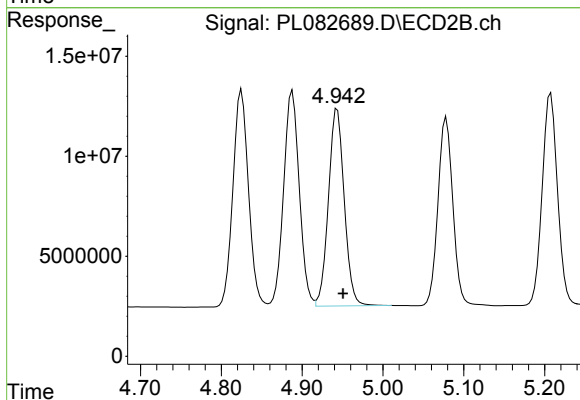
#9 Endosulfan I

R.T.: 5.820 min
Delta R.T.: -0.002 min
Response: 147576650
Conc: 53.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152753BS

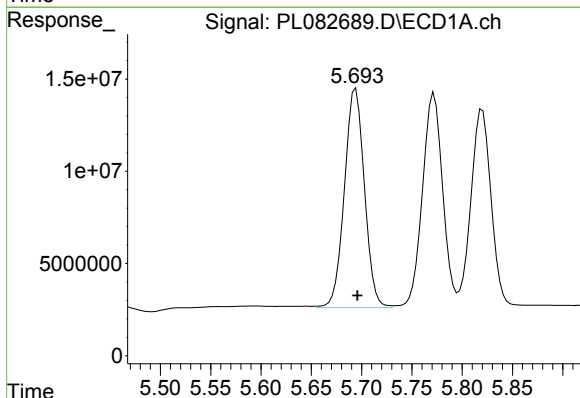
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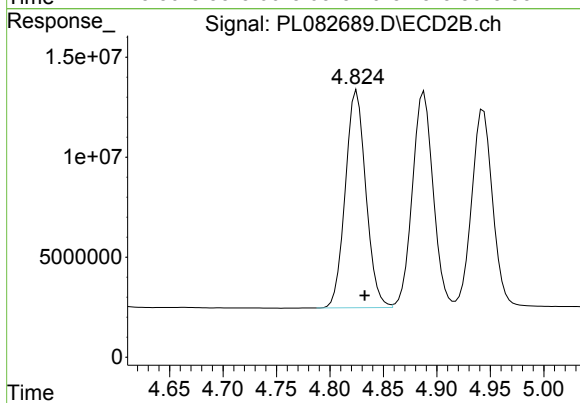
#9 Endosulfan I

R.T.: 4.943 min
Delta R.T.: -0.007 min
Response: 134255007
Conc: 50.29 ng/ml



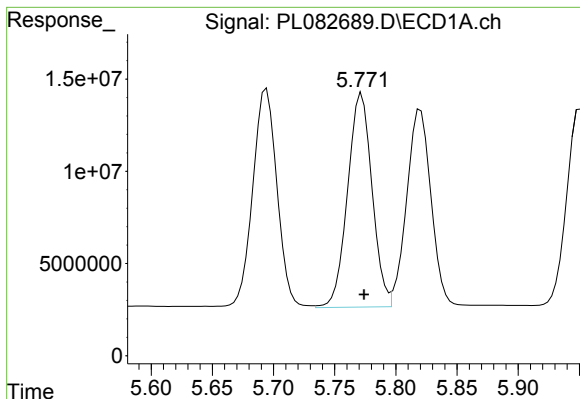
#10 gamma-Chlordane

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 164107115
Conc: 54.58 ng/ml m



#10 gamma-Chlordane

R.T.: 4.825 min
Delta R.T.: -0.007 min
Response: 145473481
Conc: 50.13 ng/ml



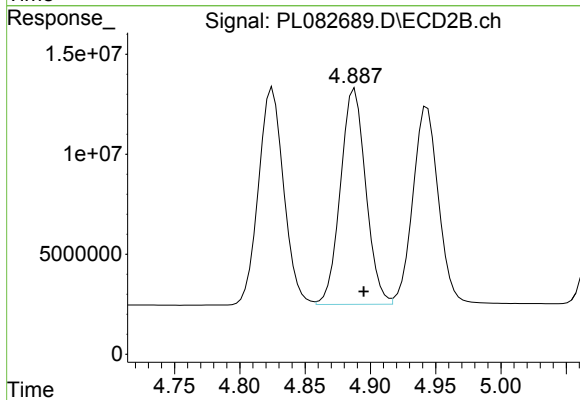
#11 alpha-Chlordane

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 161172513
Conc: 54.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152753BS

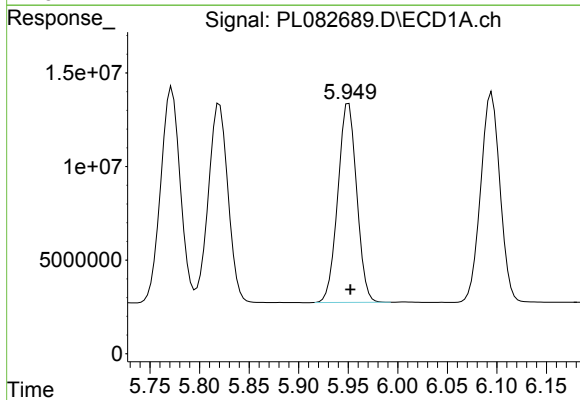
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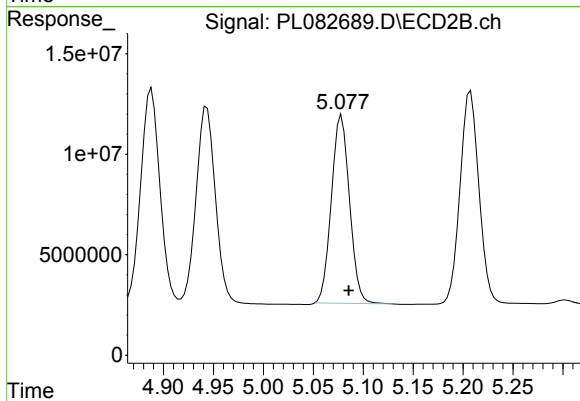
#11 alpha-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 145631493
Conc: 50.17 ng/ml



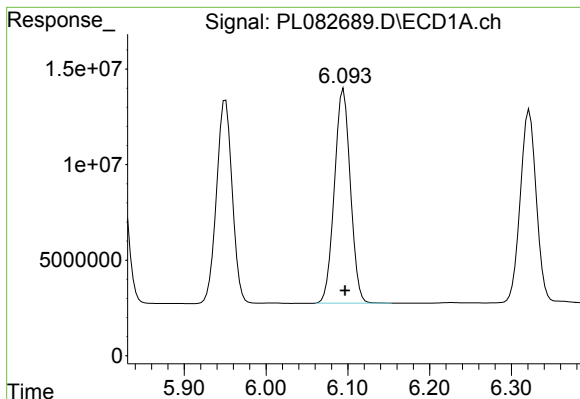
#12 4,4'-DDE

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 140680901
Conc: 55.34 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.007 min
Response: 118257467
Conc: 51.44 ng/ml



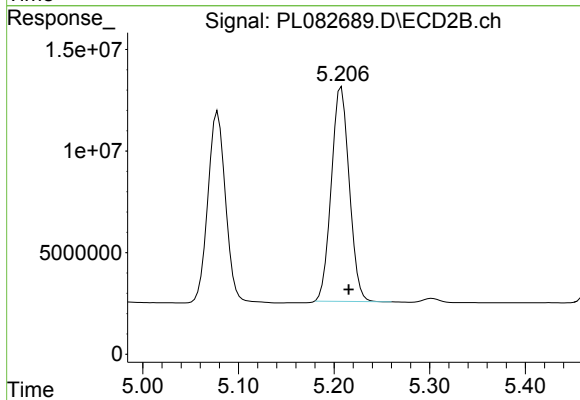
#13 Dieldrin

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 151966674
Conc: 55.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152753BS

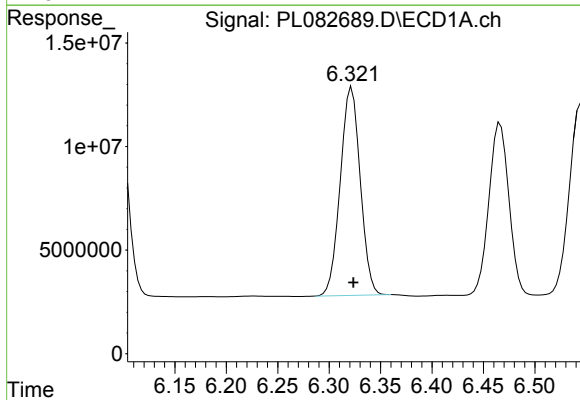
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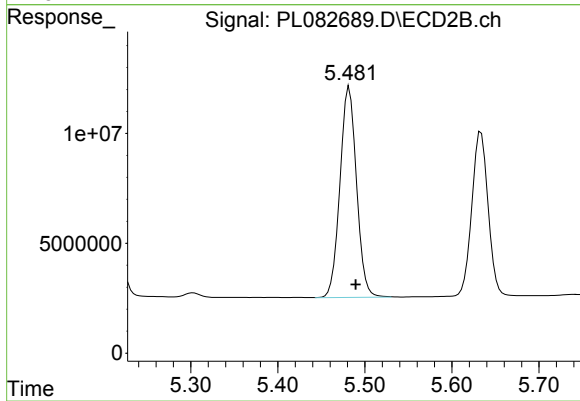
#13 Dieldrin

R.T.: 5.208 min
Delta R.T.: -0.008 min
Response: 137354720
Conc: 50.86 ng/ml



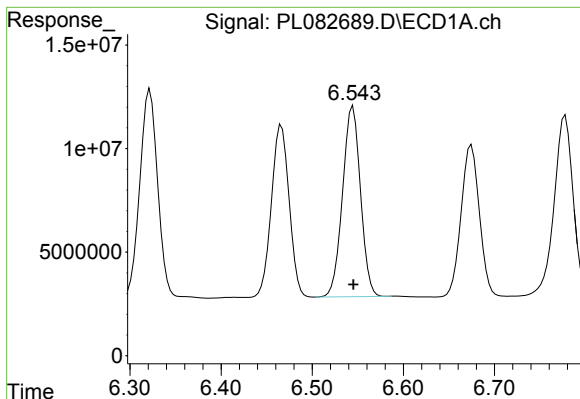
#14 Endrin

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 135886515
Conc: 56.05 ng/ml



#14 Endrin

R.T.: 5.481 min
Delta R.T.: -0.009 min
Response: 126790777
Conc: 51.84 ng/ml m



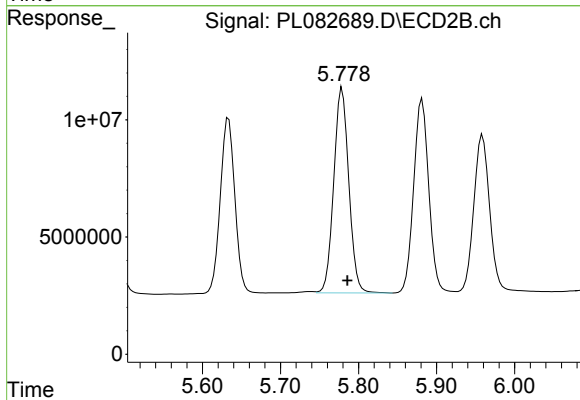
#15 Endosulfan II

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 125546794
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152753BS

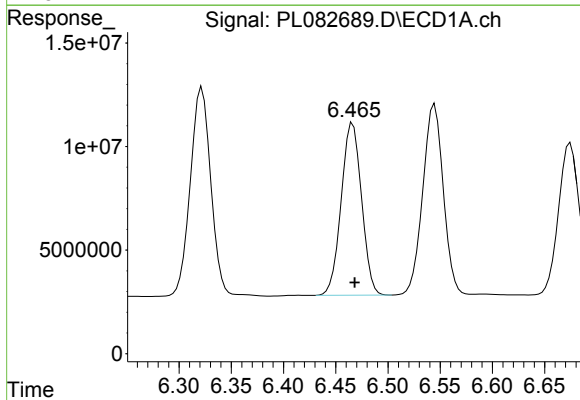
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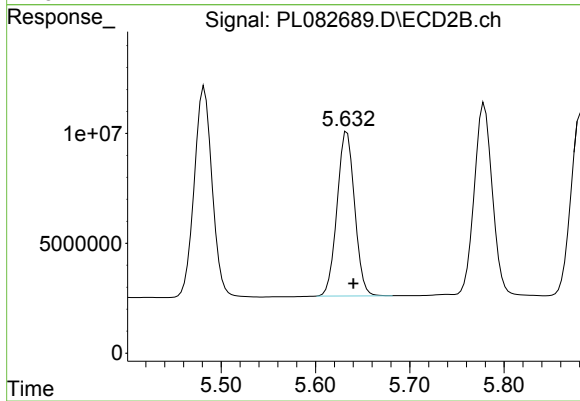
#15 Endosulfan II

R.T.: 5.779 min
Delta R.T.: -0.007 min
Response: 117066337
Conc: 51.93 ng/ml



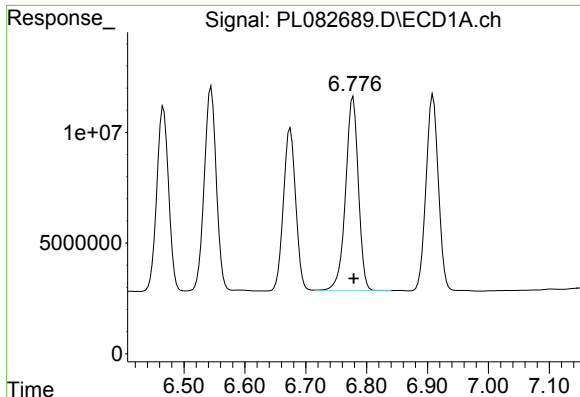
#16 4,4'-DDD

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 112565080
Conc: 55.53 ng/ml



#16 4,4'-DDD

R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 96897963
Conc: 51.81 ng/ml



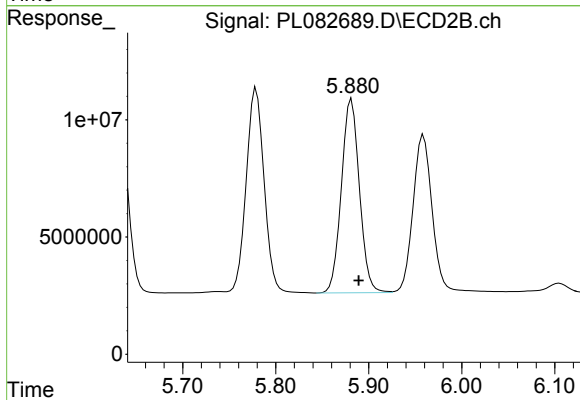
#17 4,4'-DDT

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 128437749
Conc: 56.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152753BS

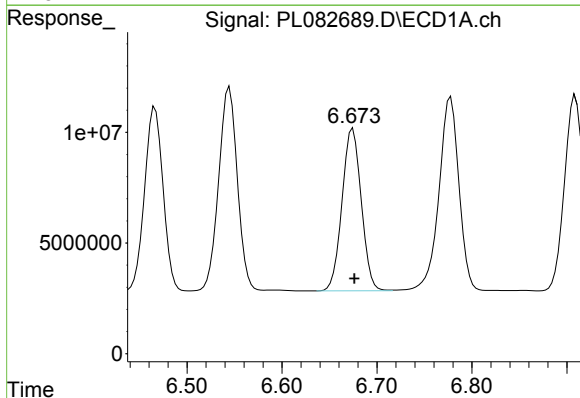
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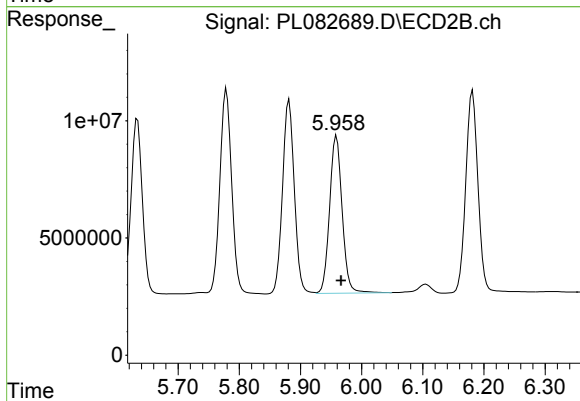
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.008 min
Response: 111211985
Conc: 52.64 ng/ml



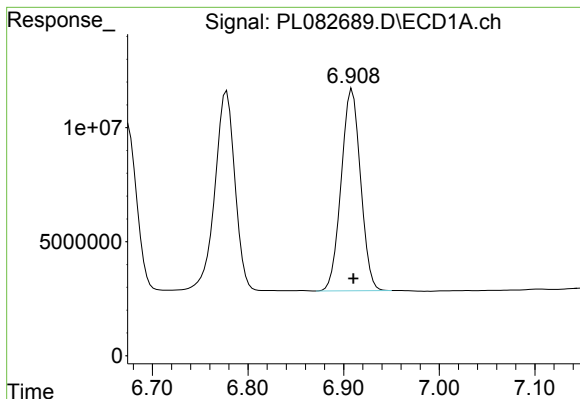
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 103343363
Conc: 54.85 ng/ml



#18 Endrin aldehyde

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 95630110
Conc: 51.10 ng/ml



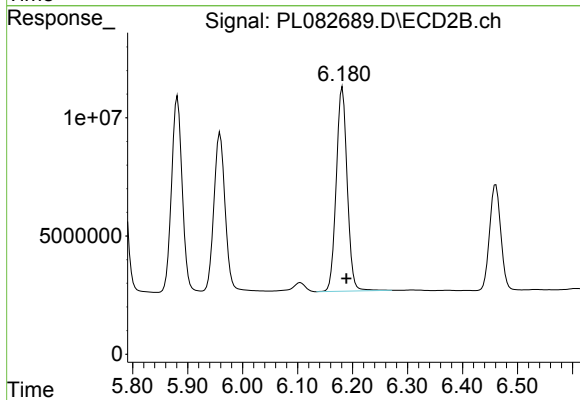
#19 Endosulfan Sulfate

R.T.: 6.909 min
Delta R.T.: -0.001 min
Response: 124709375
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152753BS

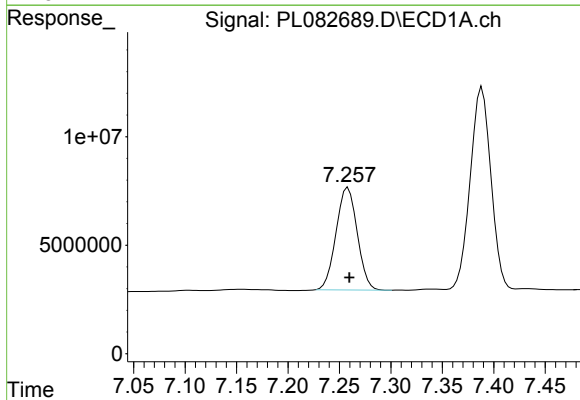
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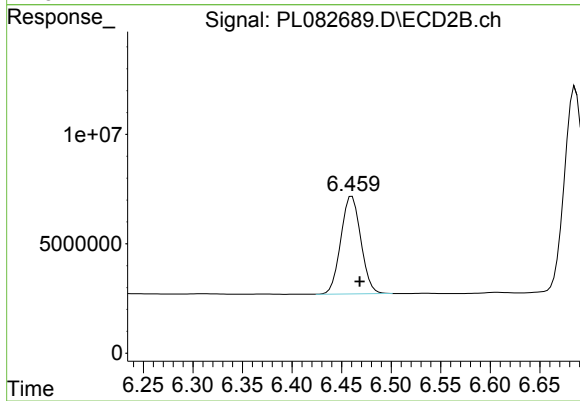
#19 Endosulfan Sulfate

R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 119419006
Conc: 50.72 ng/ml



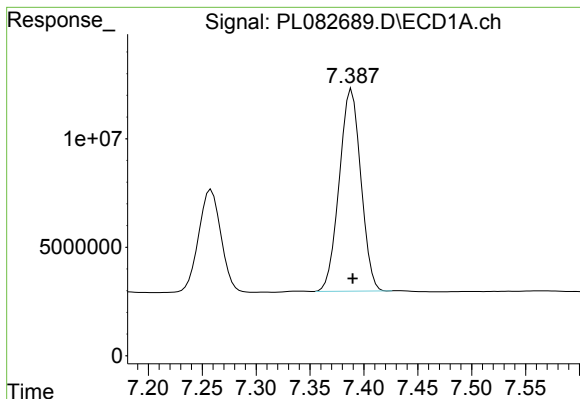
#20 Methoxychlor

R.T.: 7.258 min
Delta R.T.: -0.001 min
Response: 67575844
Conc: 55.38 ng/ml



#20 Methoxychlor

R.T.: 6.459 min
Delta R.T.: -0.009 min
Response: 62741233
Conc: 51.77 ng/ml m



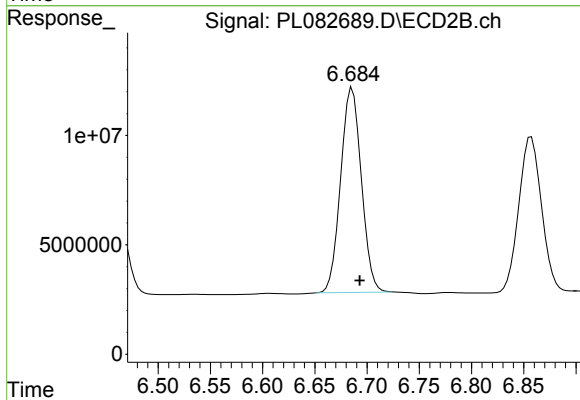
#21 Endrin ketone

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 129854445
Conc: 54.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152753BS

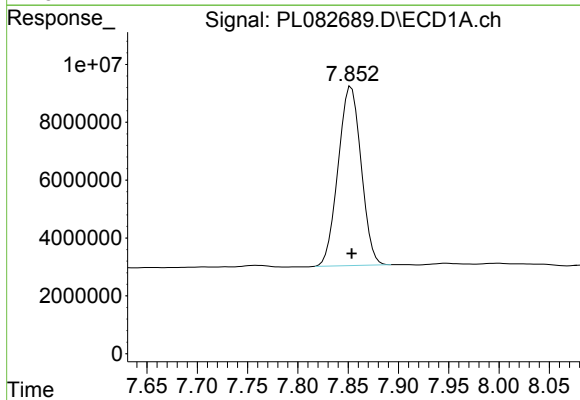
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



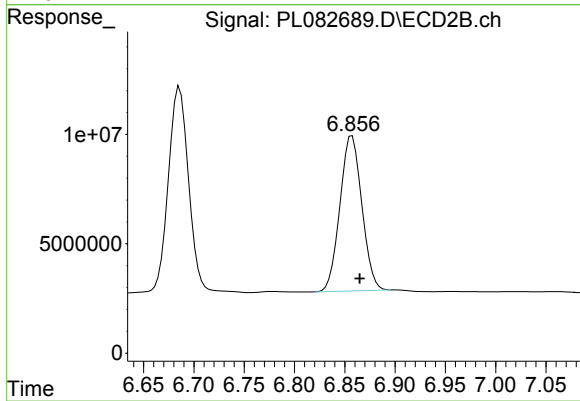
#21 Endrin ketone

R.T.: 6.684 min
Delta R.T.: -0.008 min
Response: 129069974
Conc: 50.85 ng/ml m



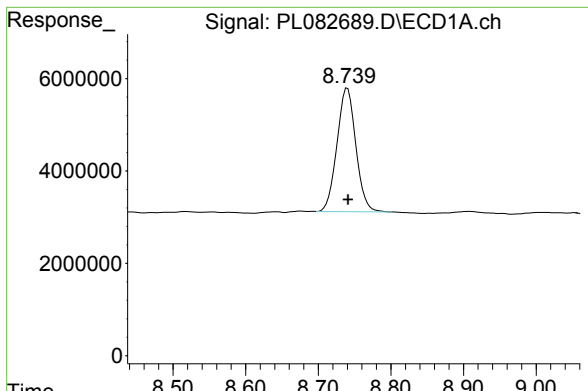
#22 Mirex

R.T.: 7.853 min
Delta R.T.: 0.000 min
Response: 98108001
Conc: 50.15 ng/ml



#22 Mirex

R.T.: 6.856 min
Delta R.T.: -0.009 min
Response: 107245546
Conc: 46.54 ng/ml m



#28 Decachlorobiphenyl

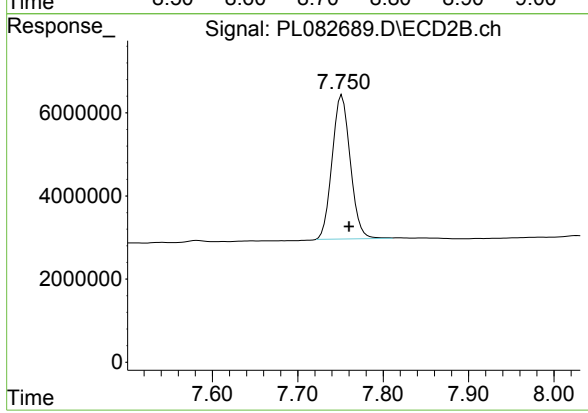
R.T.: 8.740 min
Delta R.T.: 0.000 min
Response: 48225636
Conc: 25.26 ng/ml

Instrument :
ECD_L

ClientSampleId :
PB152753BS

Manual Integrations
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Supervised By :Ankita Jodhani 05/16/2023



#28 Decachlorobiphenyl

R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 51218850
Conc: 22.44 ng/ml