

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042823\
 Data File : PL082384.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2023 17:07
 Operator : AR\AJ
 Sample : PB152470BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152470BS

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 22:10:28 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	2.647	55728353	44708024	20.863	19.298
28)	SA Decachlor...	8.747	7.759	42810288	48099389	22.425	21.073
Target Compounds							
2)	A alpha-BHC	3.774	3.145	222.9E6	174.0E6	56.011	51.118
3)	MA gamma-BHC...	4.103	3.472	204.4E6	164.5E6	54.670	51.147
4)	MA Heptachlor	4.681	3.804	202.6E6	174.2E6	55.435	50.877
5)	MB Aldrin	5.018	4.080	182.9E6	165.3E6	55.457	52.471
6)	B beta-BHC	4.306	3.772	87882305	68154412	51.529	49.952
7)	B delta-BHC	4.548	3.998	198.8E6	158.7E6	55.256	51.725
8)	B Heptachlo...	5.445	4.582	162.1E6	147.0E6	53.136	51.041
9)	A Endosulfan I	5.825	4.950	151.4E6	136.7E6	54.606	51.228
10)	B gamma-Chl...	5.700	4.830	169.3E6	148.0E6	56.289	50.997
11)	B alpha-Chl...	5.777	4.894	163.6E6	147.4E6	54.823	50.792
12)	B 4,4'-DDE	5.956	5.085	144.0E6	123.3E6	56.653	53.641
13)	MA Dieldrin	6.100	5.214	155.1E6	140.8E6	56.223	52.158
14)	MA Endrin	6.327	5.488	136.2E6	127.0E6	56.193	51.928
15)	B Endosulfa...	6.549	5.785	126.4E6	119.3E6	51.925	52.914
16)	A 4,4'-DDD	6.472	5.639	115.1E6	101.2E6	56.776	54.094
17)	MA 4,4'-DDT	6.783	5.888	124.8E6	111.7E6	54.550	52.873
18)	B Endrin al...	6.680	5.965	104.8E6	97445055	55.614	52.071
19)	B Endosulfa...	6.914	6.187	128.6E6	121.4E6	54.212	51.558
20)	A Methoxychlor	7.263	6.468	66845942	63451218	54.777	52.360
21)	B Endrin ke...	7.394	6.691	132.0E6	131.9E6	55.110	51.972m
22)	Mirex	7.859	6.864	98947384	109.1E6	50.578	47.340

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042823\
Data File : PL082384.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2023 17:07
Operator : AR\AJ
Sample : PB152470BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152470BS

Manual Integrations

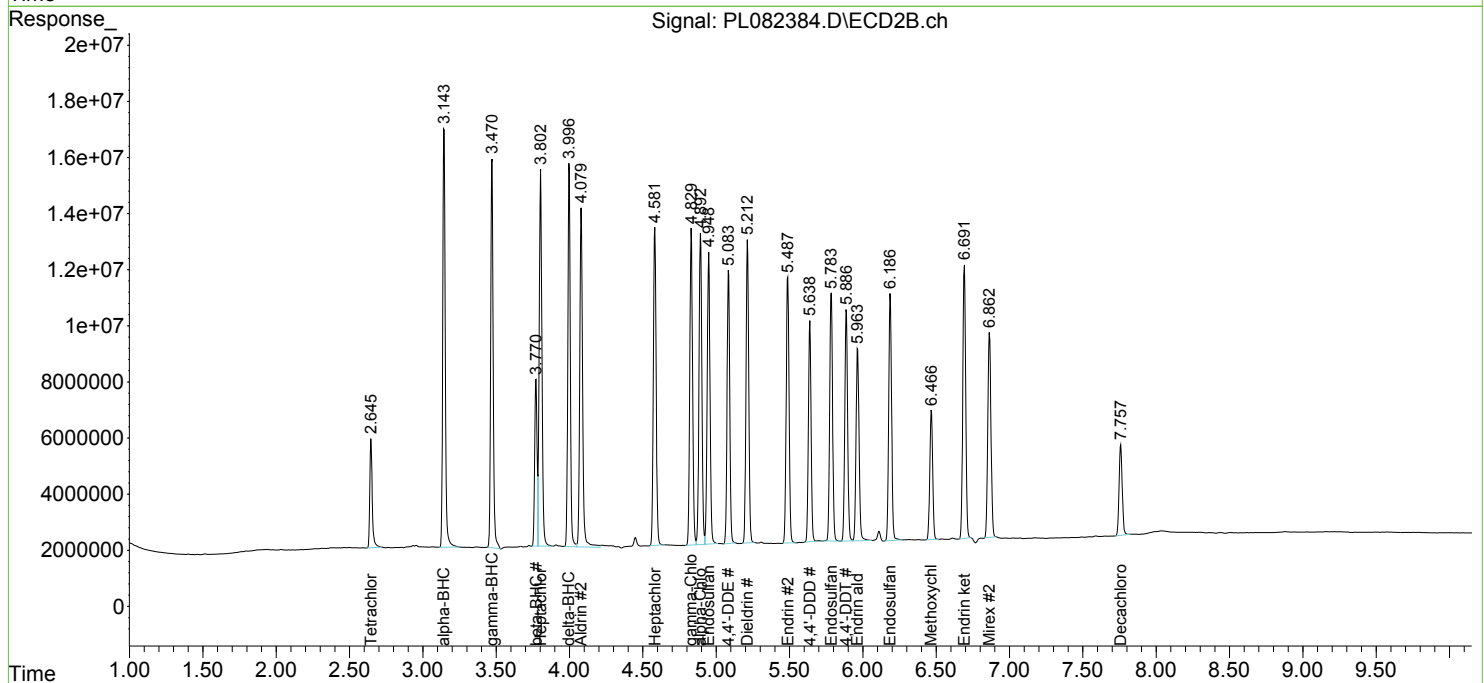
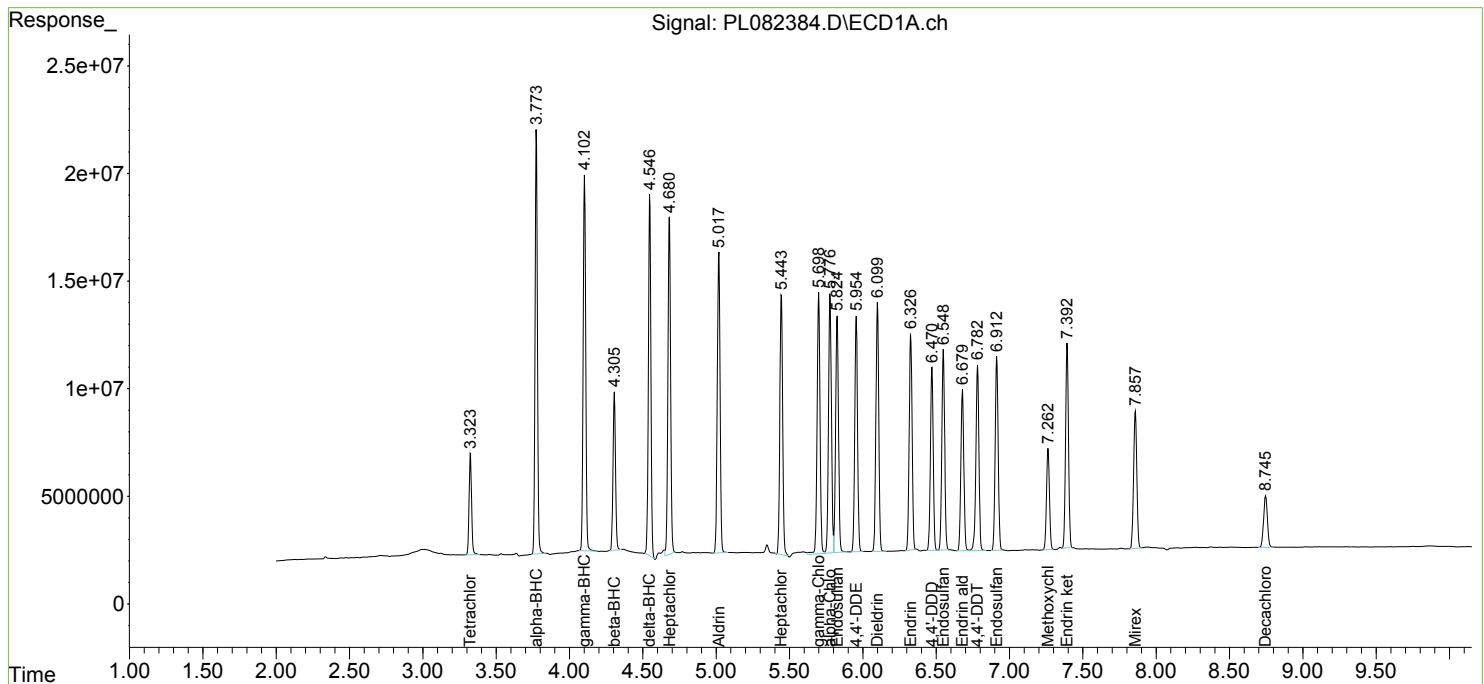
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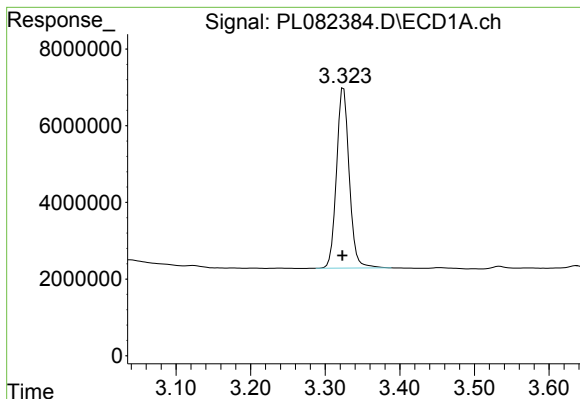
Reviewed By :Abdul Mirza 05/01/2023

Supervised By :Ankita Jodhani 05/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 22:10:28 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





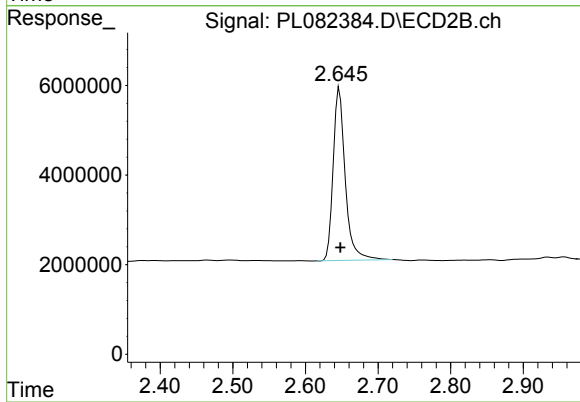
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: 0.002 min
Response: 55728353
Conc: 20.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152470BS

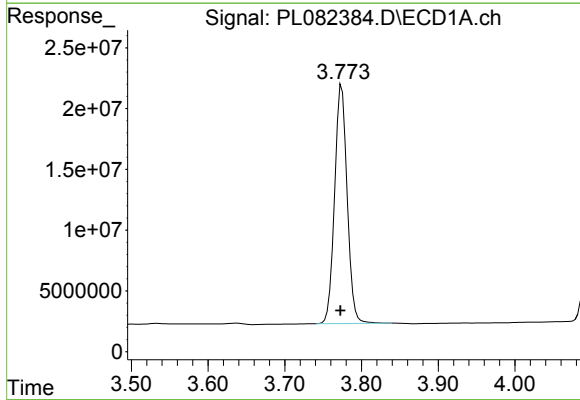
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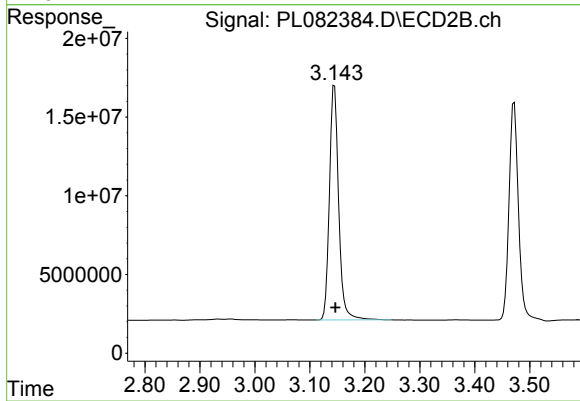
#1 Tetrachloro-m-xylene

R.T.: 2.647 min
Delta R.T.: -0.001 min
Response: 44708024
Conc: 19.30 ng/ml



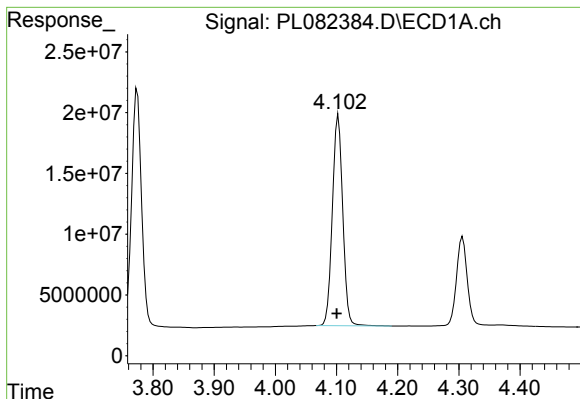
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: 0.002 min
Response: 222939305
Conc: 56.01 ng/ml



#2 alpha-BHC

R.T.: 3.145 min
Delta R.T.: -0.002 min
Response: 173977940
Conc: 51.12 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: 0.003 min
Response: 204407037
Conc: 54.67 ng/ml

Instrument :

ECD_L

ClientSampleId :

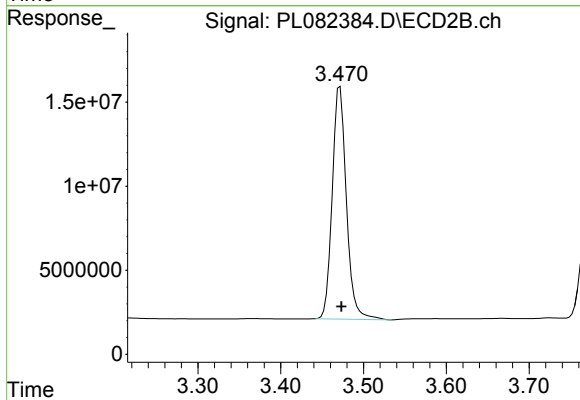
PB152470BS

Manual Integrations

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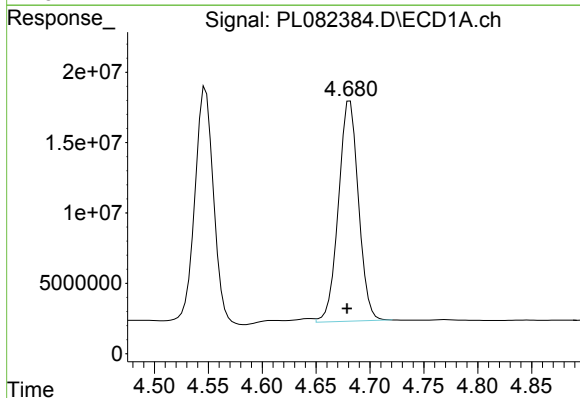
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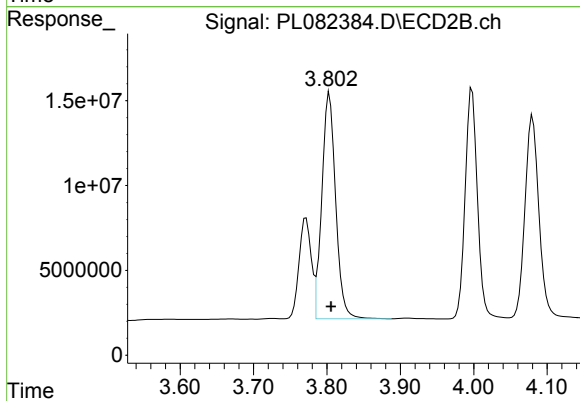
#3 gamma-BHC (Lindane)

R.T.: 3.472 min
Delta R.T.: -0.002 min
Response: 164450543
Conc: 51.15 ng/ml



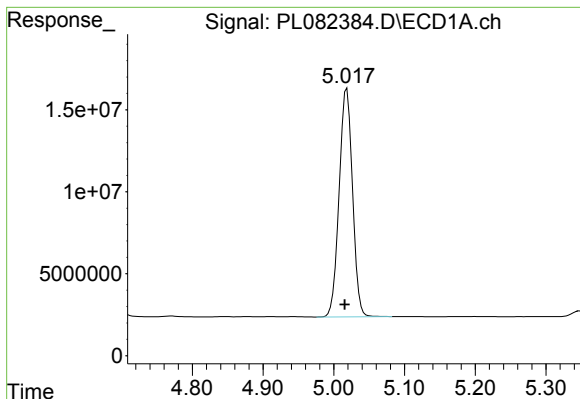
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: 0.003 min
Response: 202556987
Conc: 55.44 ng/ml



#4 Heptachlor

R.T.: 3.804 min
Delta R.T.: -0.002 min
Response: 174164090
Conc: 50.88 ng/ml



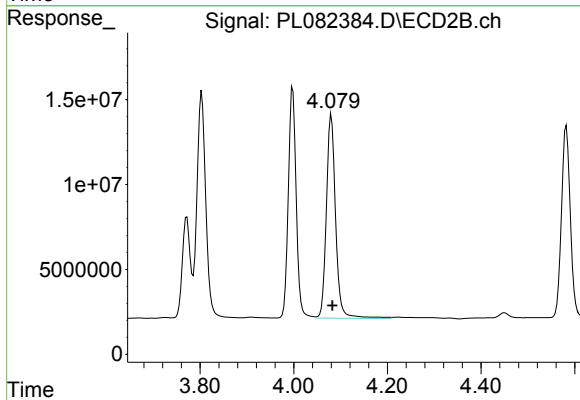
#5 Aldrin

R.T.: 5.018 min
Delta R.T.: 0.003 min
Response: 182875340
Conc: 55.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152470BS

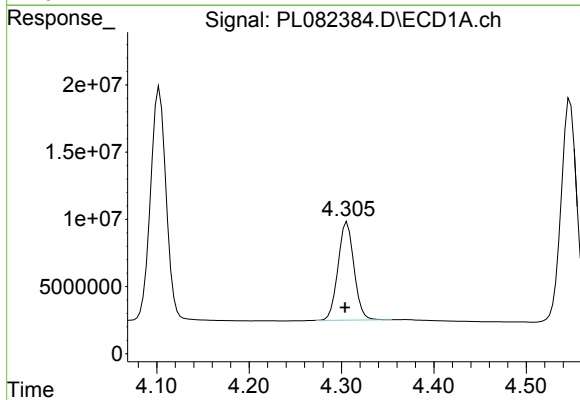
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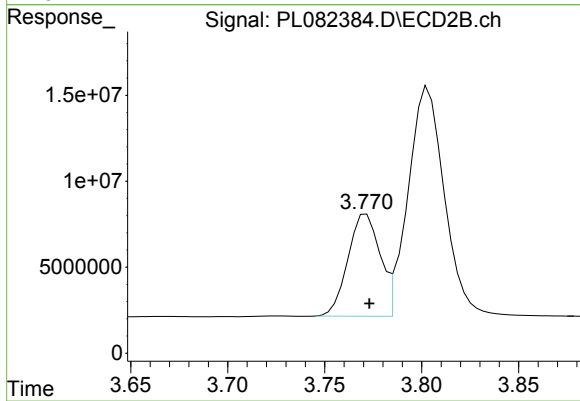
#5 Aldrin

R.T.: 4.080 min
Delta R.T.: -0.002 min
Response: 165274782
Conc: 52.47 ng/ml



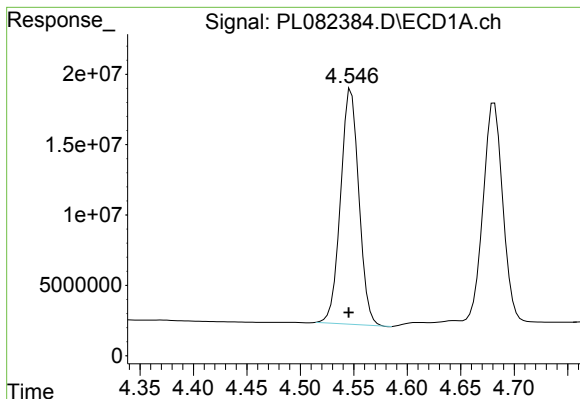
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: 0.002 min
Response: 87882305
Conc: 51.53 ng/ml



#6 beta-BHC

R.T.: 3.772 min
Delta R.T.: -0.001 min
Response: 68154412
Conc: 49.95 ng/ml



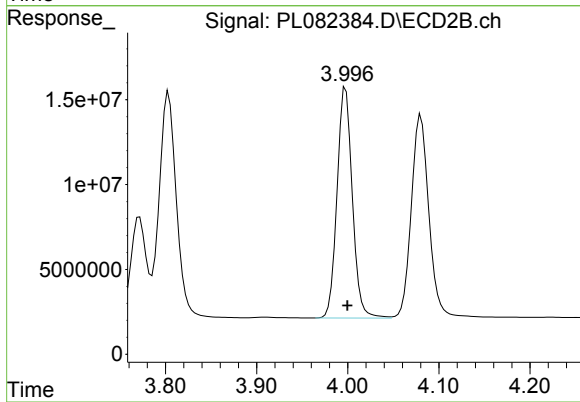
#7 delta-BHC

R.T.: 4.548 min
Delta R.T.: 0.002 min
Response: 198797051
Conc: 55.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152470BS

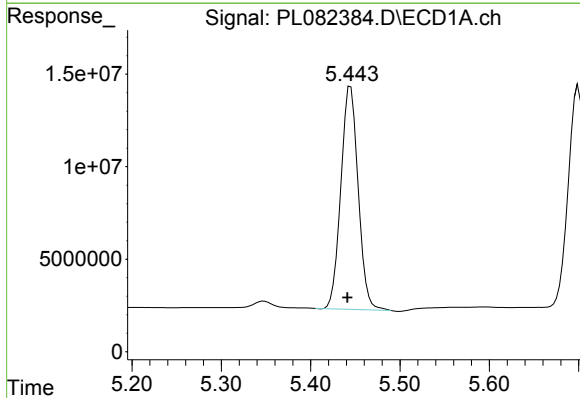
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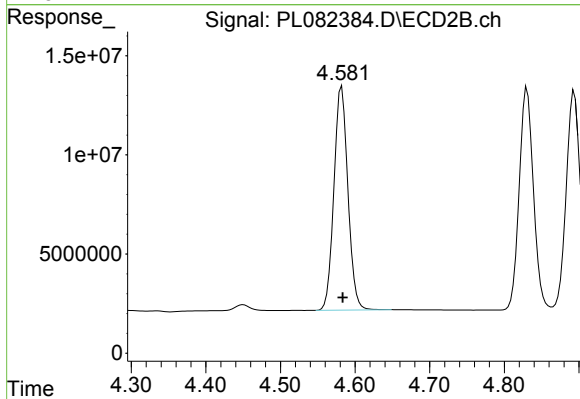
#7 delta-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 158660220
Conc: 51.72 ng/ml



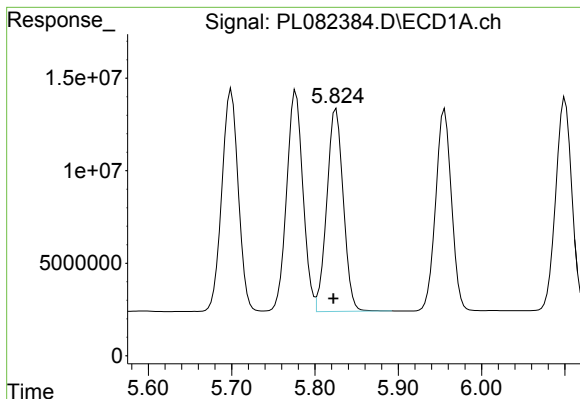
#8 Heptachlor epoxide

R.T.: 5.445 min
Delta R.T.: 0.003 min
Response: 162084834
Conc: 53.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 147041968
Conc: 51.04 ng/ml



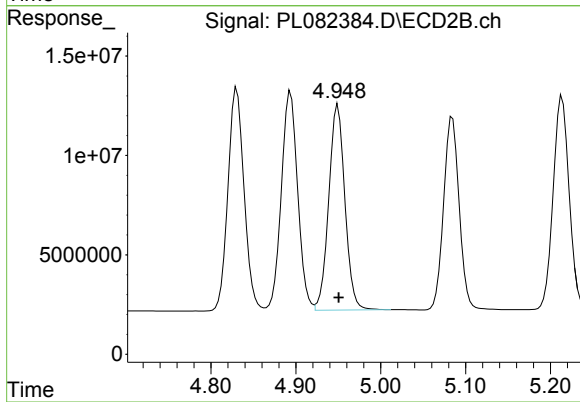
#9 Endosulfan I

R.T.: 5.825 min
Delta R.T.: 0.003 min
Response: 151406484
Conc: 54.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152470BS

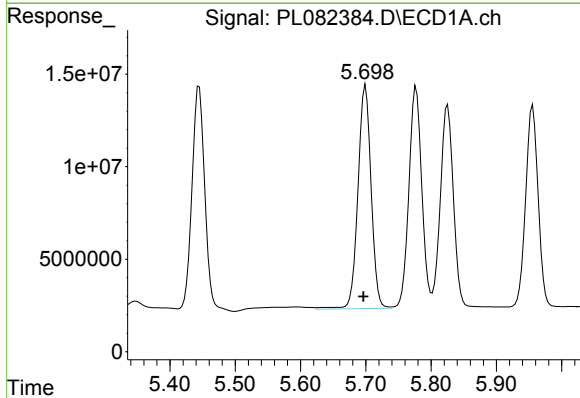
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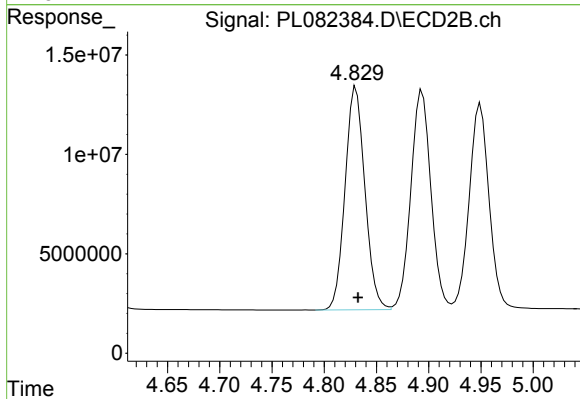
#9 Endosulfan I

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 136749842
Conc: 51.23 ng/ml



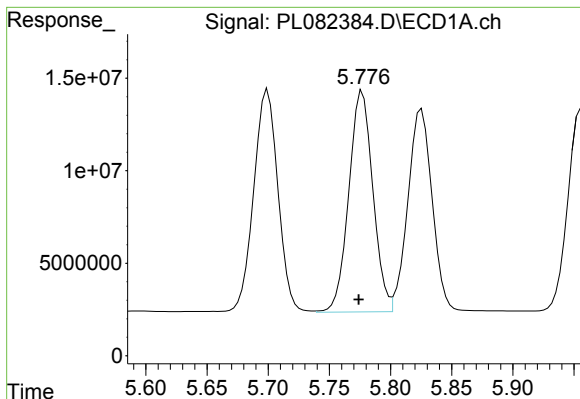
#10 gamma-Chlordane

R.T.: 5.700 min
Delta R.T.: 0.004 min
Response: 169252565
Conc: 56.29 ng/ml



#10 gamma-Chlordane

R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 147985355
Conc: 51.00 ng/ml



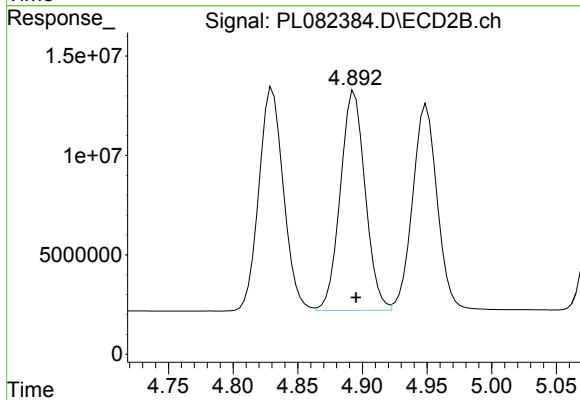
#11 alpha-Chlordane

R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 163625290
Conc: 54.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152470BS

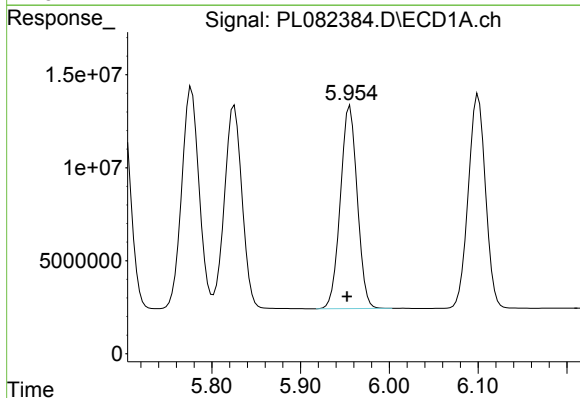
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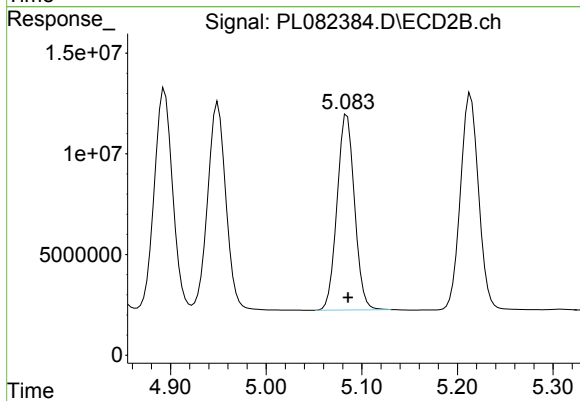
#11 alpha-Chlordane

R.T.: 4.894 min
Delta R.T.: -0.001 min
Response: 147440340
Conc: 50.79 ng/ml



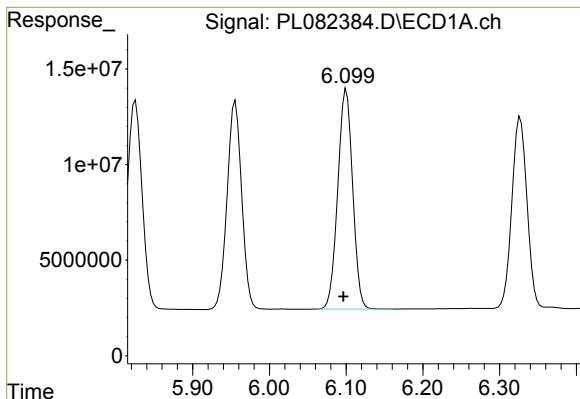
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: 0.003 min
Response: 144014208
Conc: 56.65 ng/ml



#12 4,4'-DDE

R.T.: 5.085 min
Delta R.T.: -0.001 min
Response: 123318037
Conc: 53.64 ng/ml



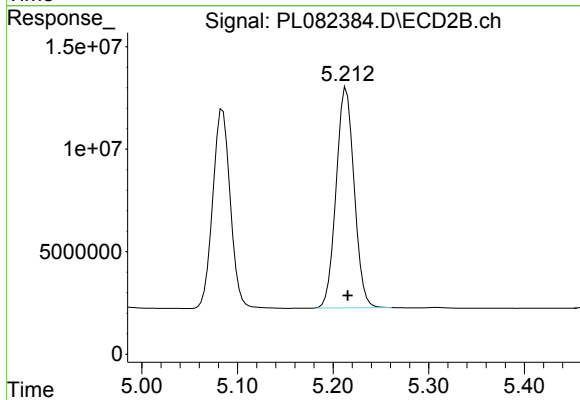
#13 Dieldrin

R.T.: 6.100 min
Delta R.T.: 0.004 min
Response: 155127126
Conc: 56.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152470BS

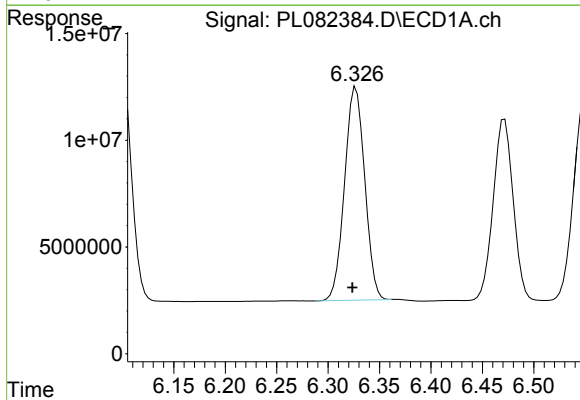
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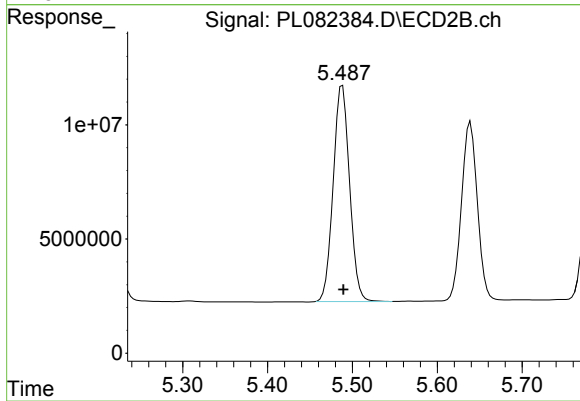
#13 Dieldrin

R.T.: 5.214 min
Delta R.T.: -0.002 min
Response: 140845742
Conc: 52.16 ng/ml



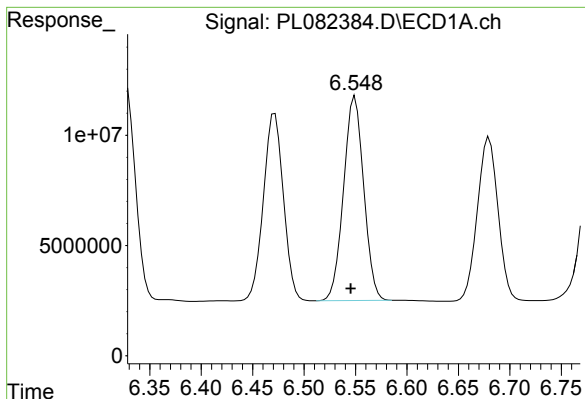
#14 Endrin

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 136242735
Conc: 56.19 ng/ml



#14 Endrin

R.T.: 5.488 min
Delta R.T.: -0.001 min
Response: 127014596
Conc: 51.93 ng/ml



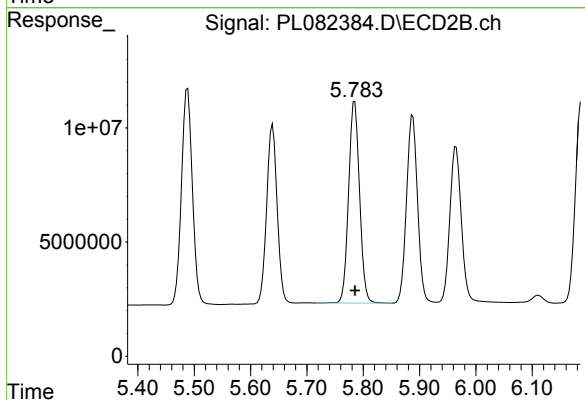
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: 0.004 min
Response: 126413566
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152470BS

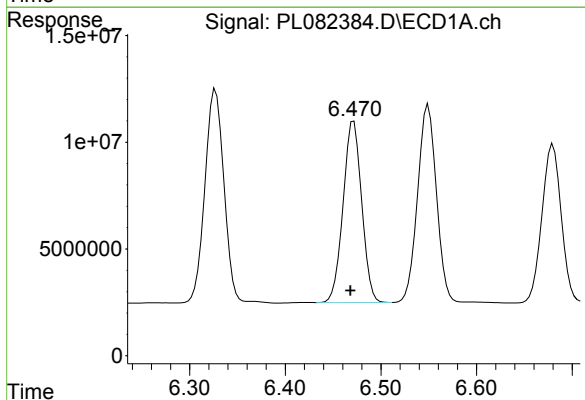
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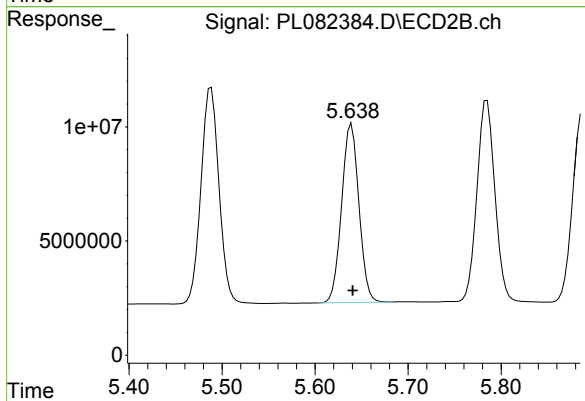
#15 Endosulfan II

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 119273745
Conc: 52.91 ng/ml



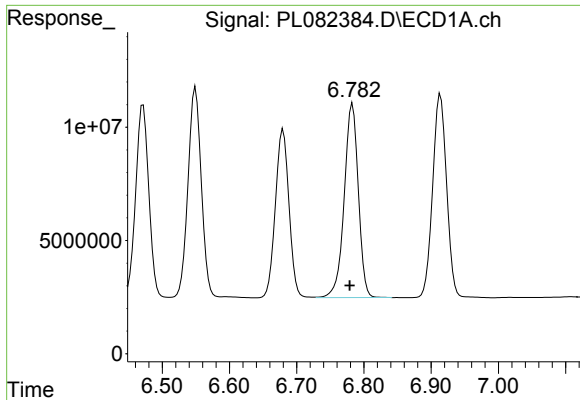
#16 4,4'-DDD

R.T.: 6.472 min
Delta R.T.: 0.003 min
Response: 115095838
Conc: 56.78 ng/ml



#16 4,4'-DDD

R.T.: 5.639 min
Delta R.T.: -0.001 min
Response: 101177020
Conc: 54.09 ng/ml



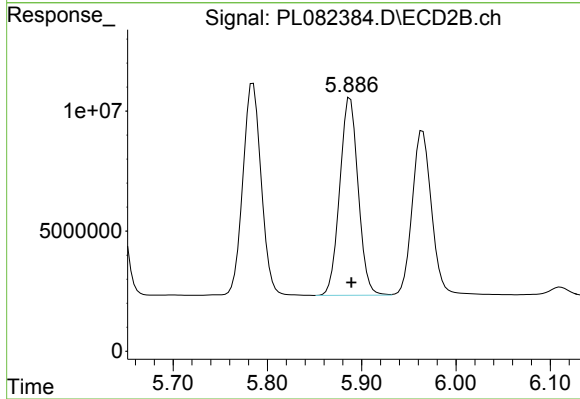
#17 4,4'-DDT

R.T.: 6.783 min
Delta R.T.: 0.004 min
Response: 124795361
Conc: 54.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152470BS

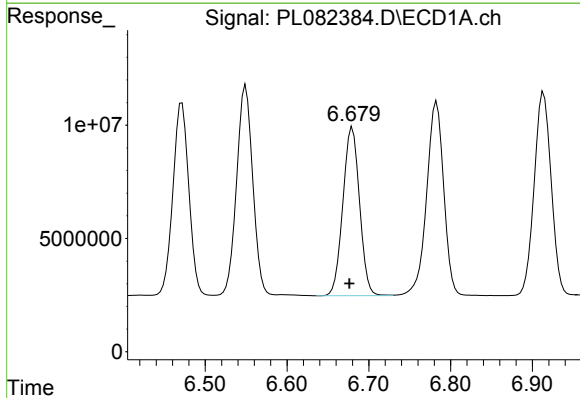
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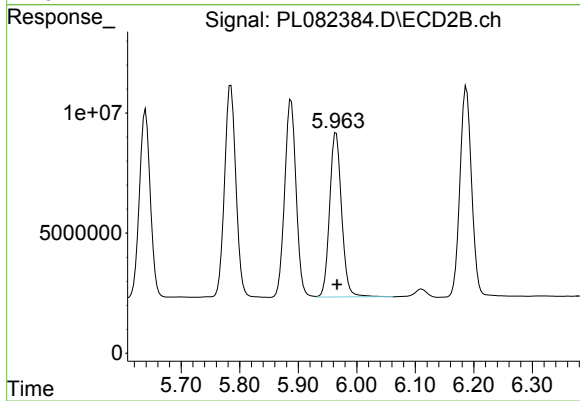
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: -0.001 min
Response: 111698926
Conc: 52.87 ng/ml



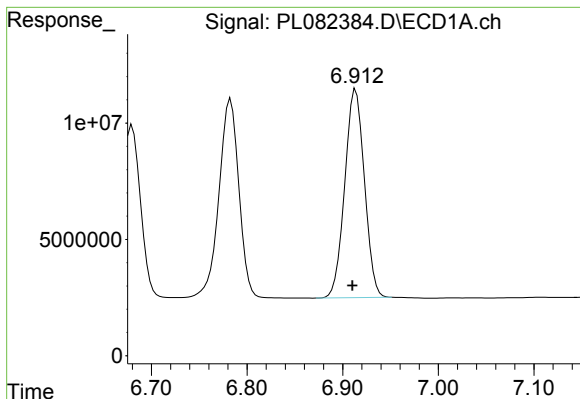
#18 Endrin aldehyde

R.T.: 6.680 min
Delta R.T.: 0.004 min
Response: 104785701
Conc: 55.61 ng/ml



#18 Endrin aldehyde

R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 97445055
Conc: 52.07 ng/ml



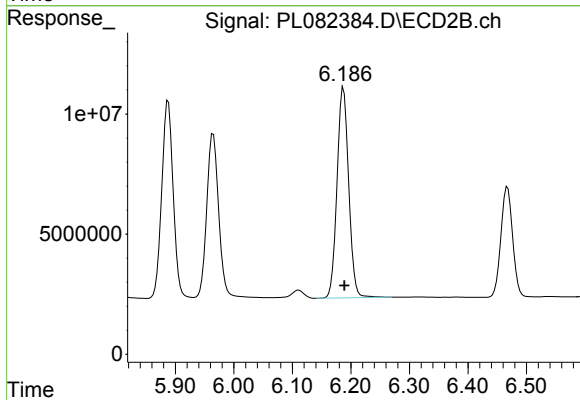
#19 Endosulfan Sulfate

R.T.: 6.914 min
Delta R.T.: 0.004 min
Response: 128565511
Conc: 54.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152470BS

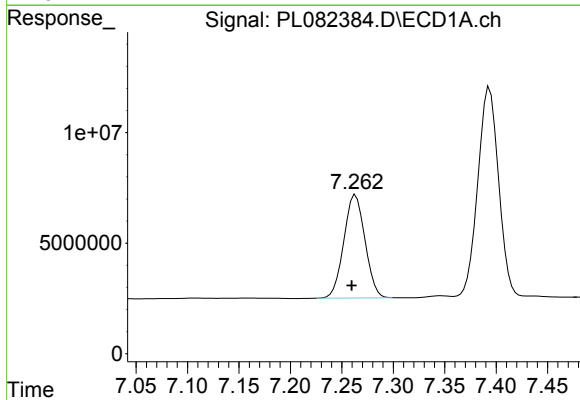
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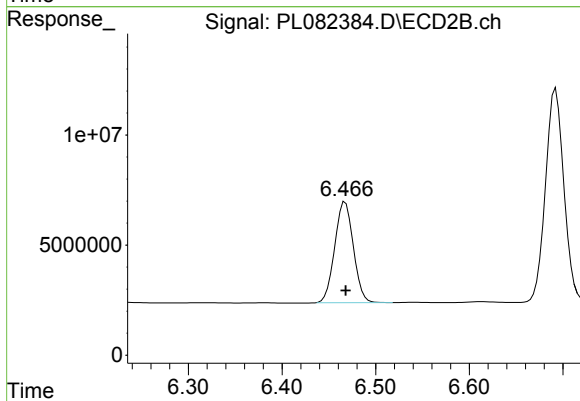
#19 Endosulfan Sulfate

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 121383015
Conc: 51.56 ng/ml



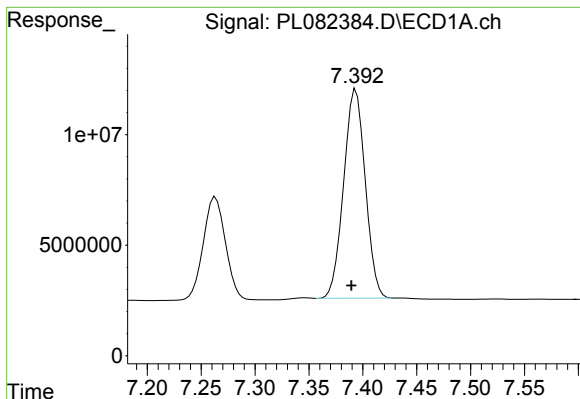
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: 0.004 min
Response: 66845942
Conc: 54.78 ng/ml



#20 Methoxychlor

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 63451218
Conc: 52.36 ng/ml



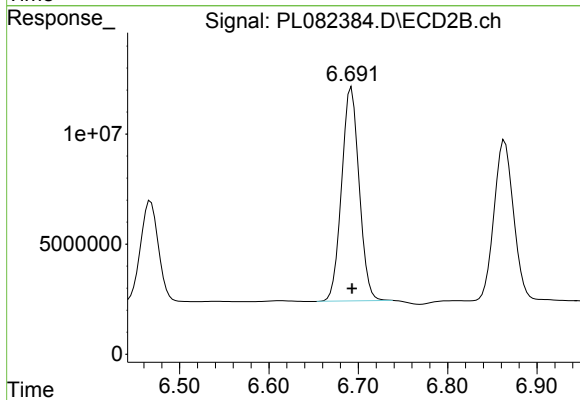
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: 0.004 min
Response: 131954918
Conc: 55.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152470BS

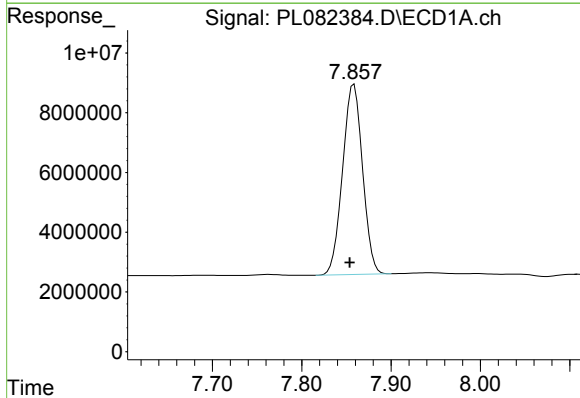
Manual Integrations
APPROVED

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



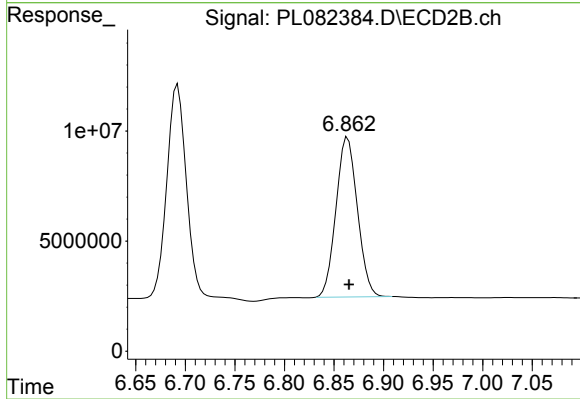
#21 Endrin ketone

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 131914932
Conc: 51.97 ng/ml m



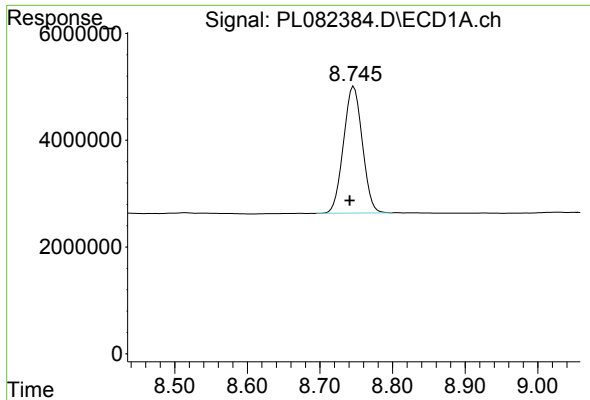
#22 Mirex

R.T.: 7.859 min
Delta R.T.: 0.005 min
Response: 98947384
Conc: 50.58 ng/ml



#22 Mirex

R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 109085043
Conc: 47.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.747 min
Delta R.T.: 0.006 min
Response: 42810288
Conc: 22.42 ng/ml

Instrument :

ECD_L

ClientSampleId :

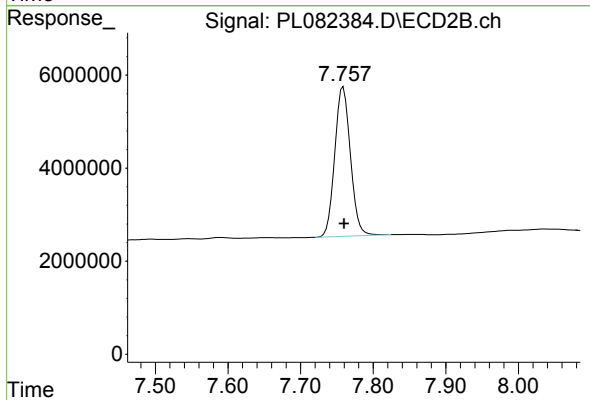
PB152470BS

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#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: -0.001 min
Response: 48099389
Conc: 21.07 ng/ml