

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101723\
 Data File : PL085968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2023 12:44
 Operator : AR\AJ
 Sample : PB156433BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB156433BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/18/2023
 Supervised By :Ankita Jodhani 10/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 22:00:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.621	45109684	13651171	15.167	14.614
28)	SA Decachlor...	8.858	7.774	46294648	20315760	21.255	22.011
Target Compounds							
2)	A alpha-BHC	3.809	3.120	188.4E6	54721174	43.907	43.494
3)	MA gamma-BHC...	4.141	3.447	176.2E6	53186674	42.633	43.124
4)	MA Heptachlor	4.728	3.784	190.8E6	56804489	49.329	48.840
5)	MB Aldrin	5.068	4.060	174.8E6	51586792	45.089	46.131
6)	B beta-BHC	4.344	3.749	78254405	24102359	47.323	46.298
7)	B delta-BHC	4.587	3.975	175.9E6	51210104	45.878	44.570
8)	B Heptachlo...	5.498	4.565	162.1E6	49764288	47.001	49.546
9)	A Endosulfan I	5.882	4.933	153.7E6	47465661	47.514	44.247
10)	B gamma-Chl...	5.754	4.816	163.7E6	52094562	47.858m	52.600
11)	B alpha-Chl...	5.835	4.880	164.7E6	51831812	48.203	47.520
12)	B 4,4'-DDE	6.019	5.079	142.3E6	44739647	50.898	54.485
13)	MA Dieldrin	6.159	5.198	151.6E6	48566649	46.125	50.057
14)	MA Endrin	6.387	5.472	137.3E6	45437899	48.166	50.542
15)	B Endosulfa...	6.610	5.770	127.6E6	43067631	46.292	45.289
16)	A 4,4'-DDD	6.537	5.636	108.7E6	37450855	53.943	53.805
17)	MA 4,4'-DDT	6.852	5.886	124.7E6	43306429	52.925	54.766
18)	B Endrin al...	6.741	5.951	101.7E6	36784186	50.156	49.328
19)	B Endosulfa...	6.978	6.175	128.6E6	45503567	51.249	50.441
20)	A Methoxychlor	7.338	6.472	67970842	26148742	48.668	49.705
21)	B Endrin ke...	7.459	6.678	132.1E6	52721341	45.871	45.868
22)	Mirex	7.932	6.854	108.1E6	46662759	48.815	49.474

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101723\
Data File : PL085968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2023 12:44
Operator : AR\AJ
Sample : PB156433BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

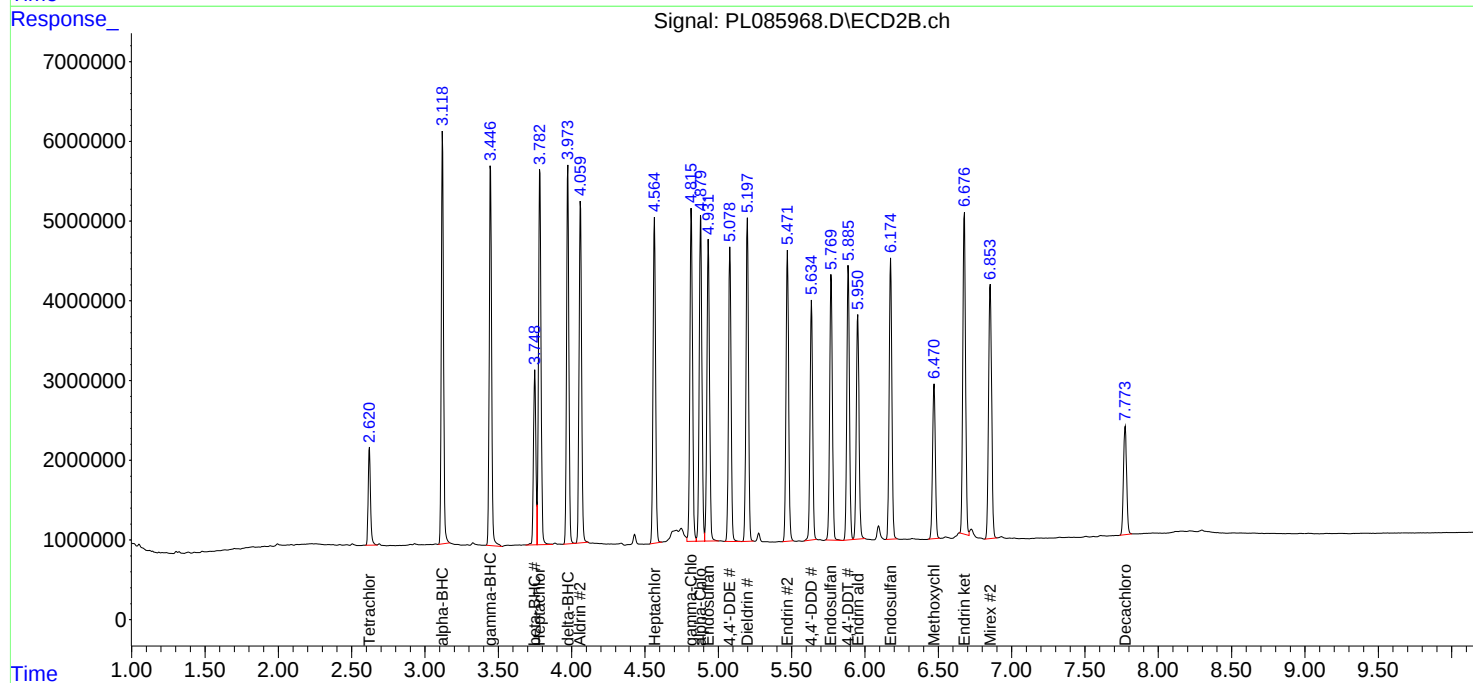
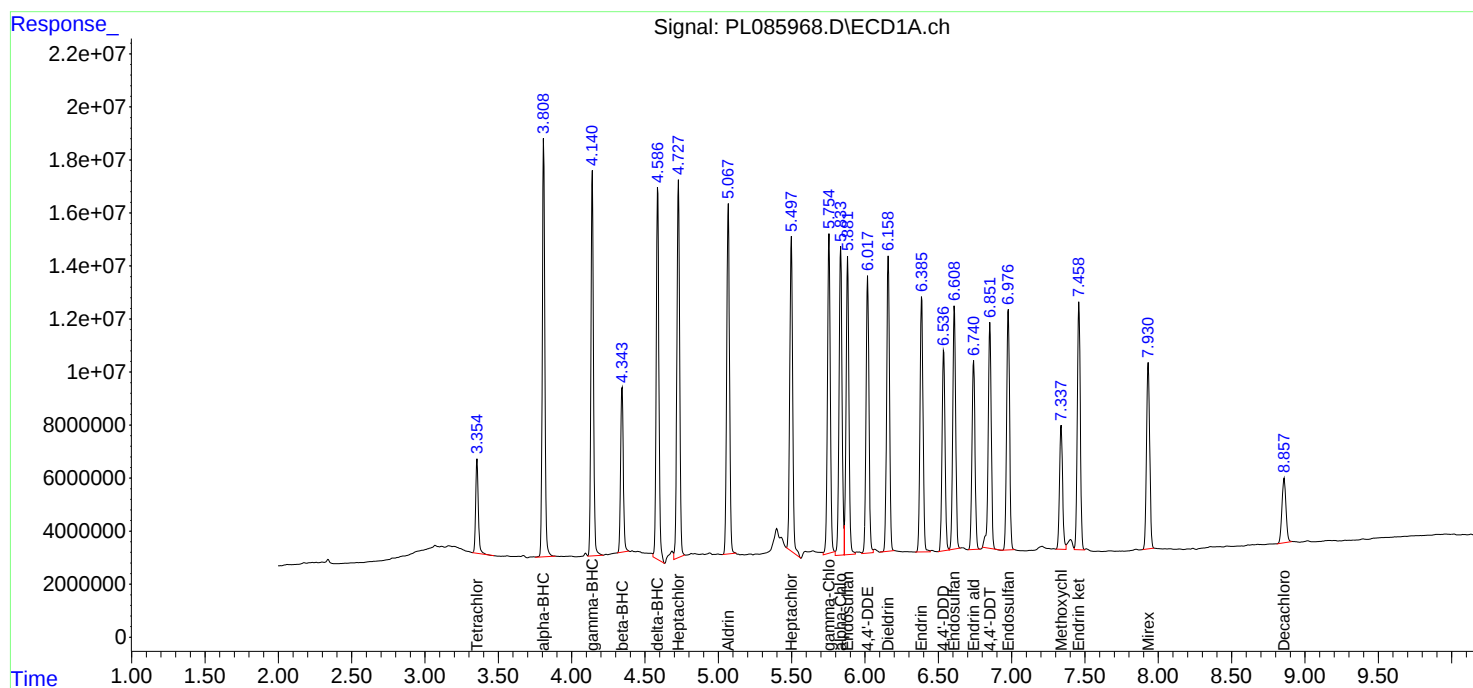
Instrument :
ECD_L
ClientSampleId :
PB156433BS

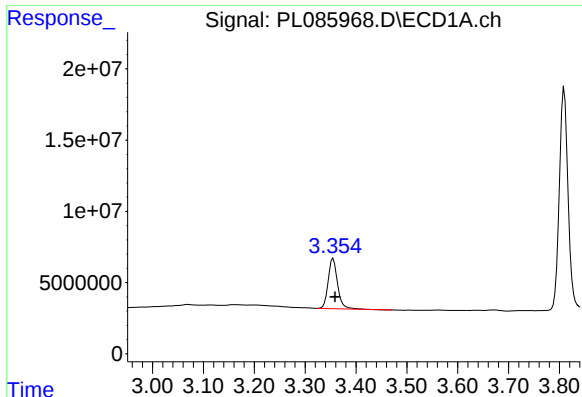
Manual Integrations
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Reviewed By : Abdul Mirza 10/18/2023
Supervised By : Ankita Jodhani 10/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 22:00:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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.: 3.355 min
Delta R.T.: -0.004 min
Response: 45109684
Conc: 15.17 ng/ml

Instrument :

ECD_L

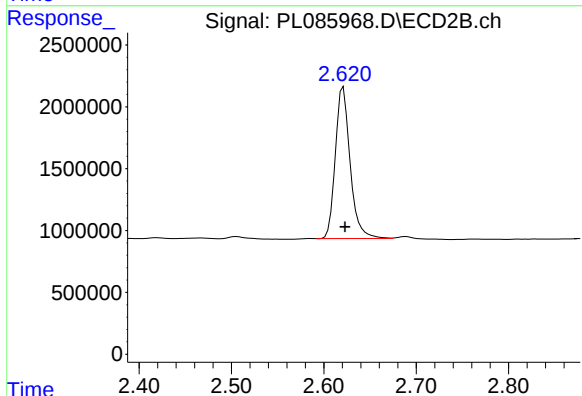
ClientSampleId :

PB156433BS

Manual Integrations

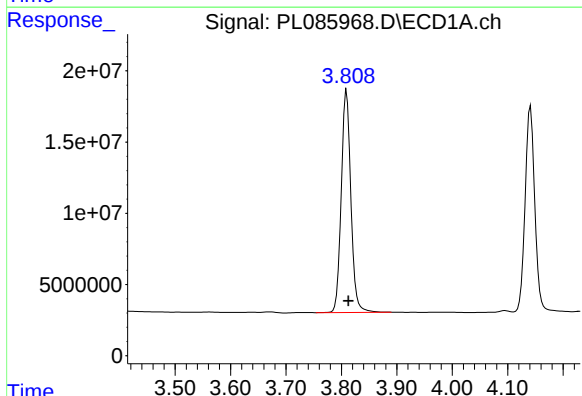
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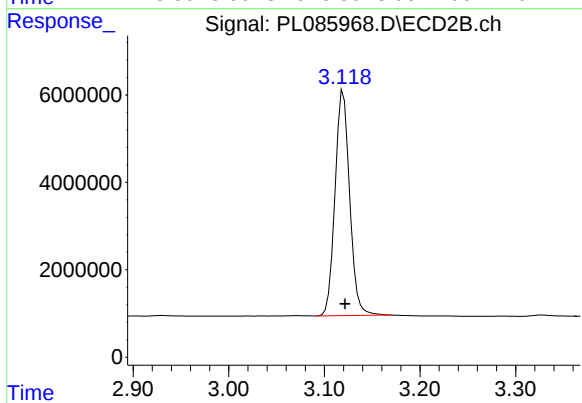
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 13651171
Conc: 14.61 ng/ml



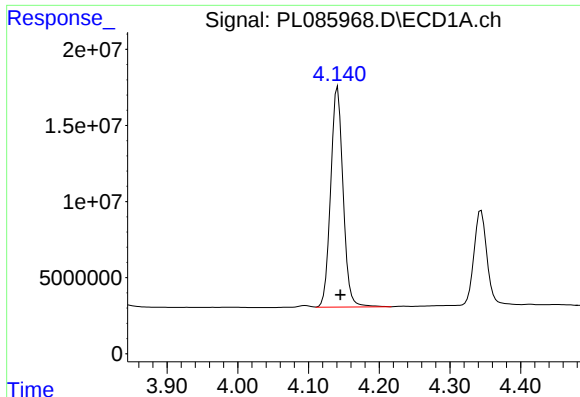
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 188446143
Conc: 43.91 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 54721174
Conc: 43.49 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 176215315
Conc: 42.63 ng/ml

Instrument :

ECD_L

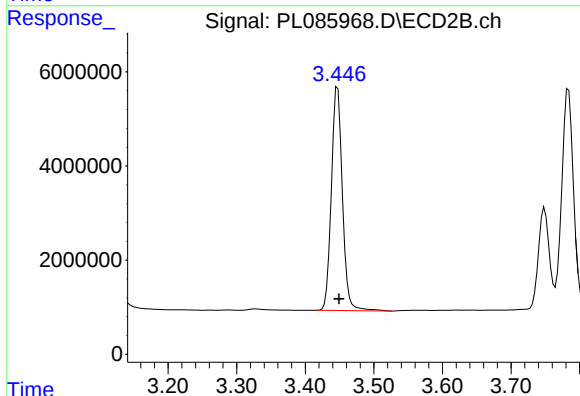
ClientSampleId :

PB156433BS

Manual Integrations

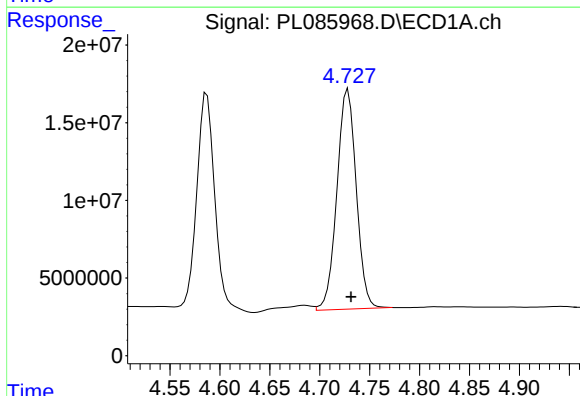
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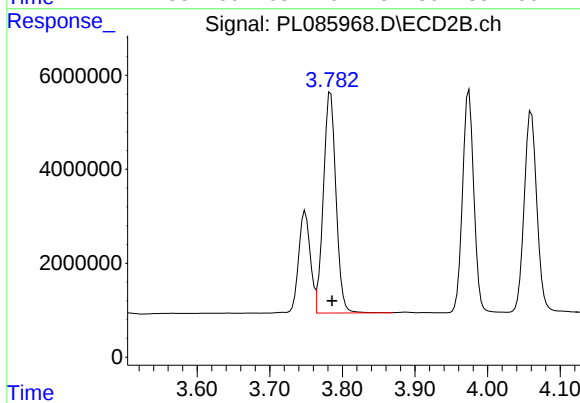
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 53186674
Conc: 43.12 ng/ml



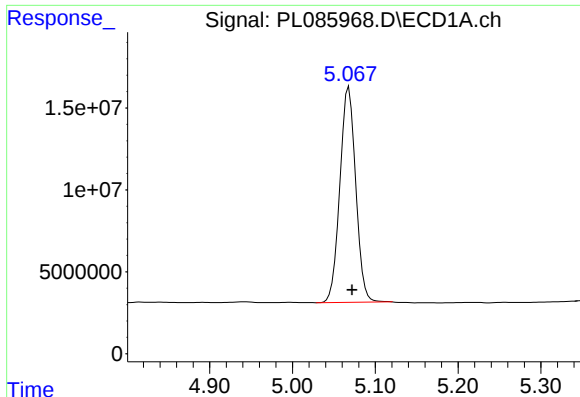
#4 Heptachlor

R.T.: 4.728 min
Delta R.T.: -0.003 min
Response: 190784755
Conc: 49.33 ng/ml



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 56804489
Conc: 48.84 ng/ml



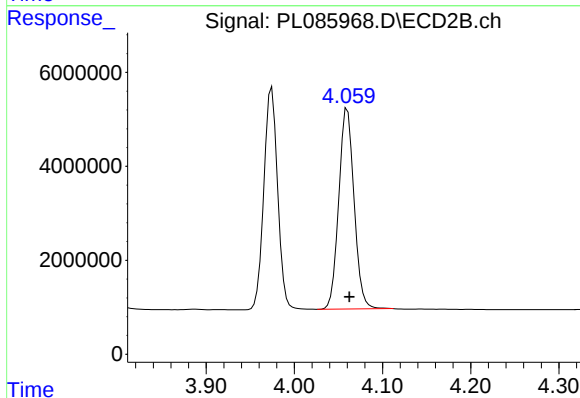
#5 Aldrin

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 174778766
Conc: 45.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156433BS

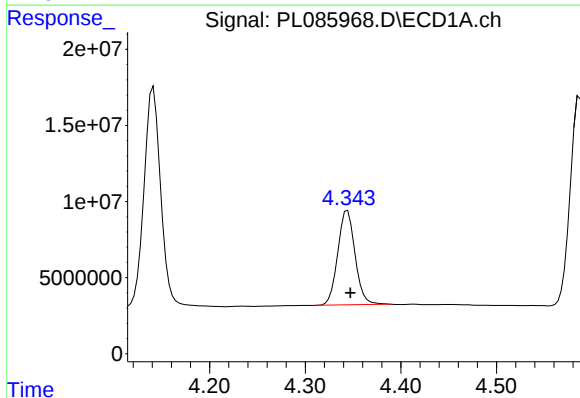
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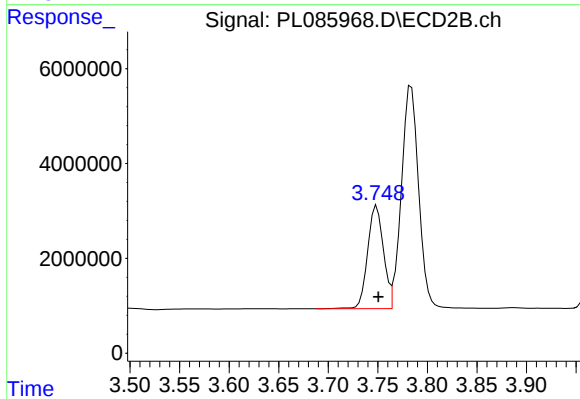
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 51586792
Conc: 46.13 ng/ml



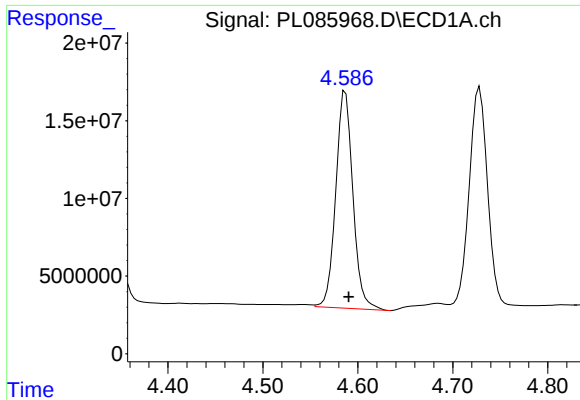
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 78254405
Conc: 47.32 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 24102359
Conc: 46.30 ng/ml



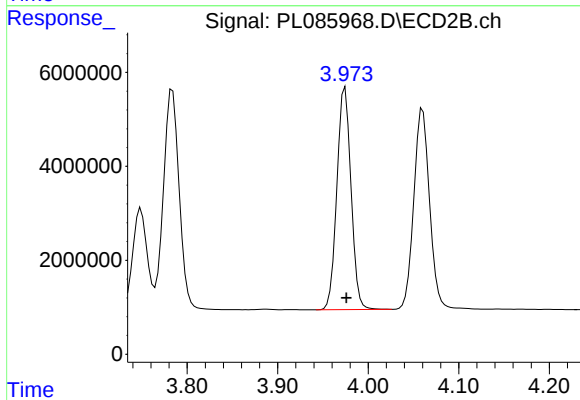
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 175913054
Conc: 45.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156433BS

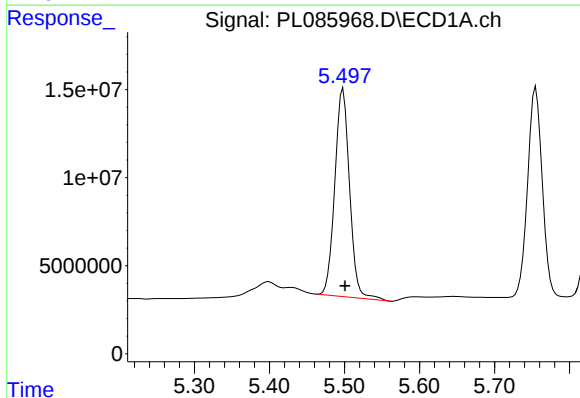
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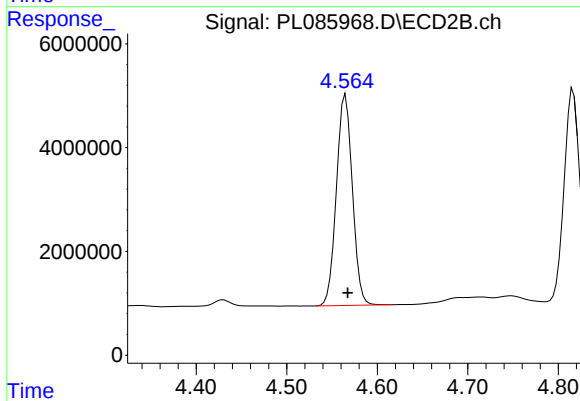
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: -0.002 min
Response: 51210104
Conc: 44.57 ng/ml



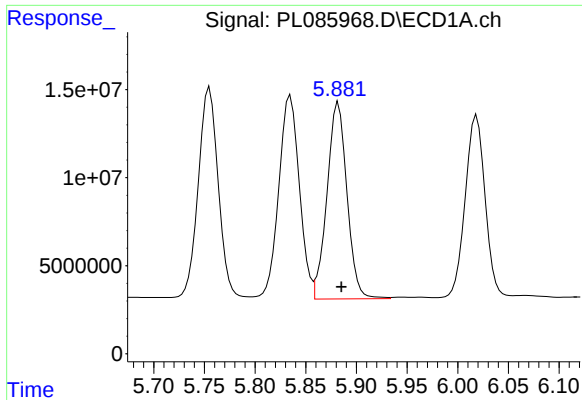
#8 Heptachlor epoxide

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 162145666
Conc: 47.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 49764288
Conc: 49.55 ng/ml



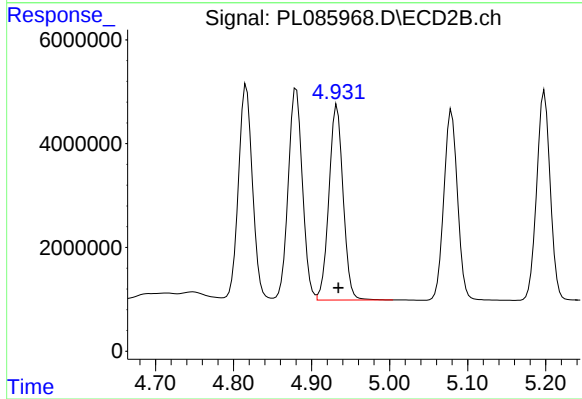
#9 Endosulfan I

R.T.: 5.882 min
Delta R.T.: -0.003 min
Response: 153660099
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156433BS

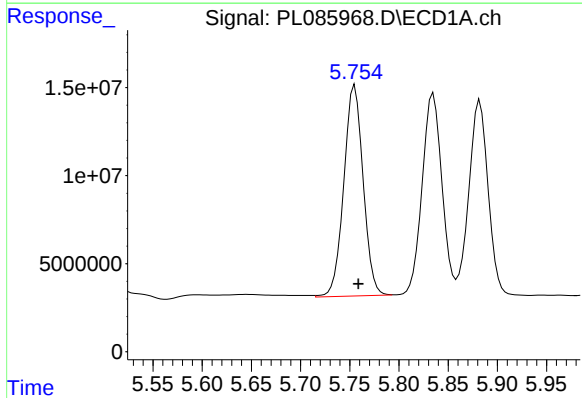
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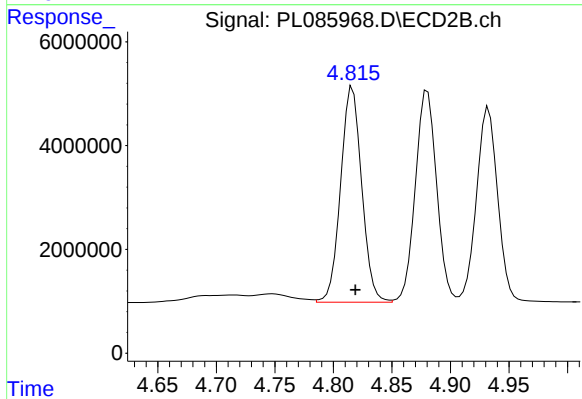
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 47465661
Conc: 44.25 ng/ml



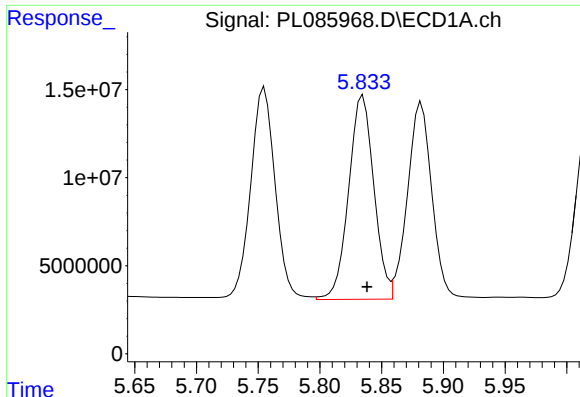
#10 gamma-Chlordane

R.T.: 5.754 min
Delta R.T.: -0.005 min
Response: 163743179
Conc: 47.86 ng/ml m



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 52094562
Conc: 52.60 ng/ml



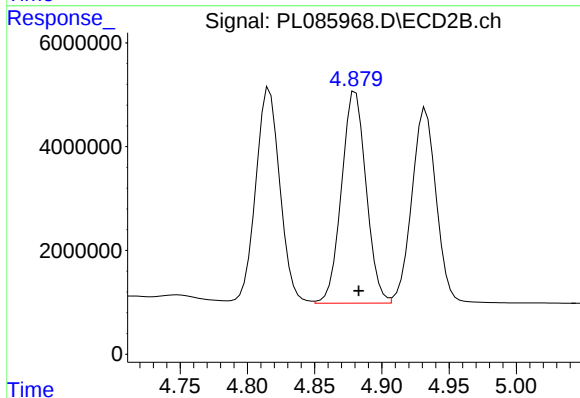
#11 alpha-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.003 min
Response: 164741788
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156433BS

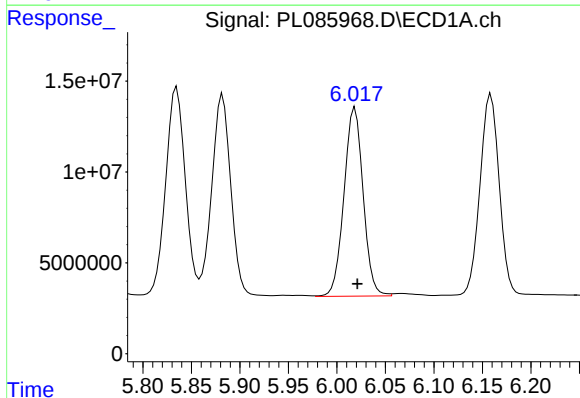
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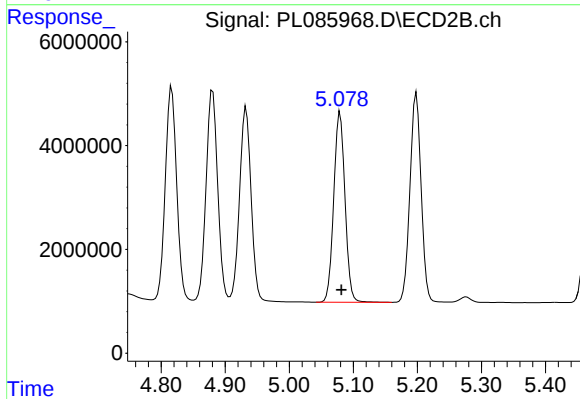
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.002 min
Response: 51831812
Conc: 47.52 ng/ml



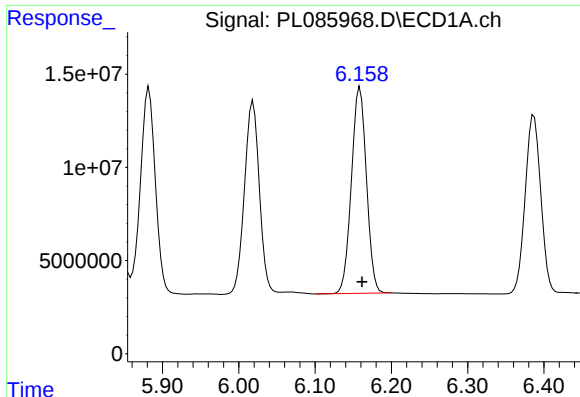
#12 4,4'-DDE

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 142338230
Conc: 50.90 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.002 min
Response: 44739647
Conc: 54.49 ng/ml



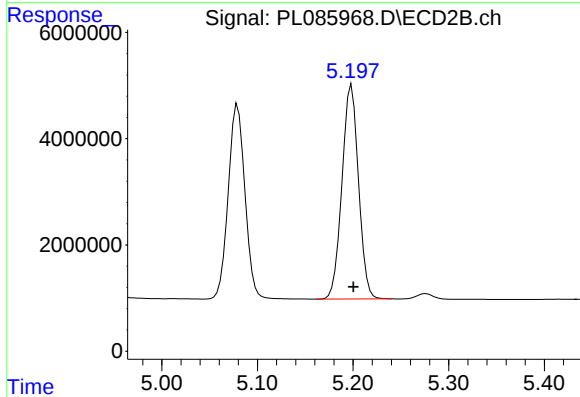
#13 Dieldrin

R.T.: 6.159 min
Delta R.T.: -0.003 min
Response: 151566576
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156433BS

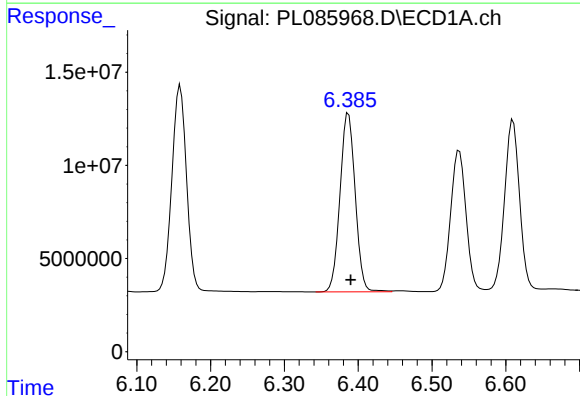
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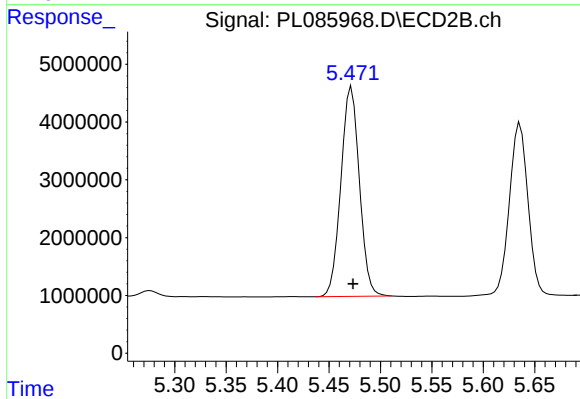
#13 Dieldrin

R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 48566649
Conc: 50.06 ng/ml



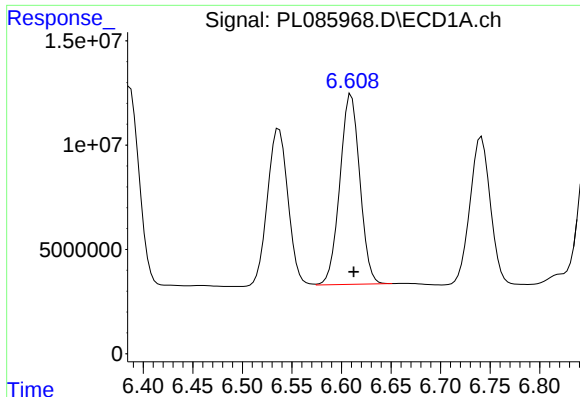
#14 Endrin

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 137260126
Conc: 48.17 ng/ml



#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.002 min
Response: 45437899
Conc: 50.54 ng/ml



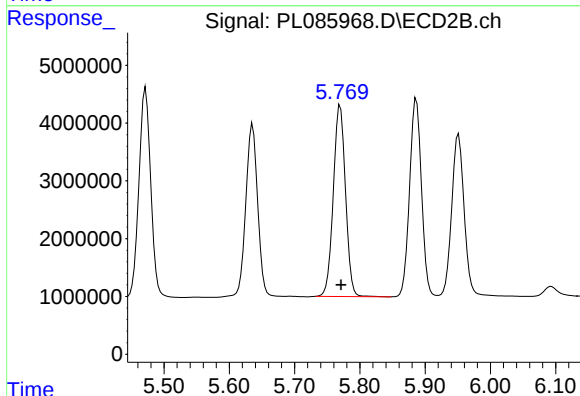
#15 Endosulfan II

R.T.: 6.610 min
Delta R.T.: -0.003 min
Response: 127556582
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156433BS

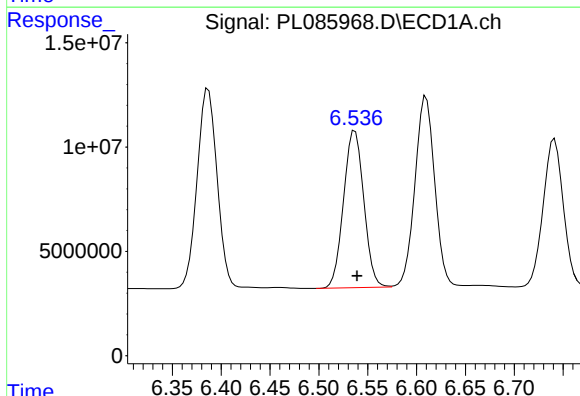
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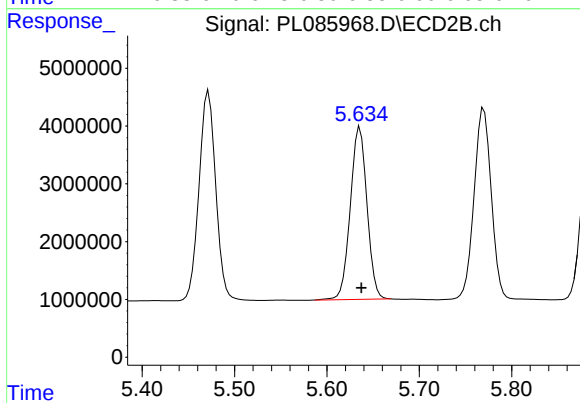
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: -0.001 min
Response: 43067631
Conc: 45.29 ng/ml



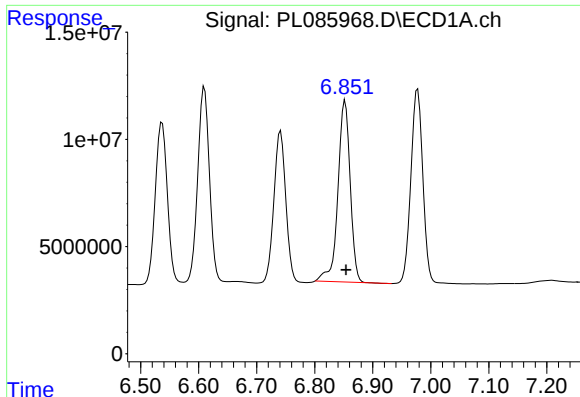
#16 4,4'-DDD

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 108676524
Conc: 53.94 ng/ml



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: -0.001 min
Response: 37450855
Conc: 53.81 ng/ml



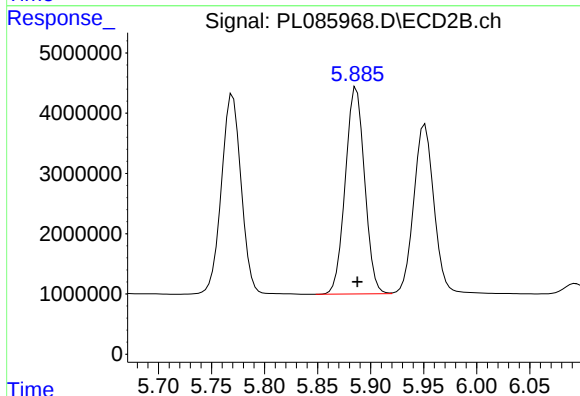
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 124749630
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156433BS

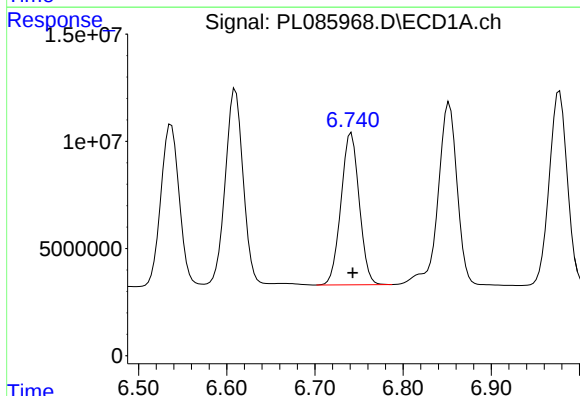
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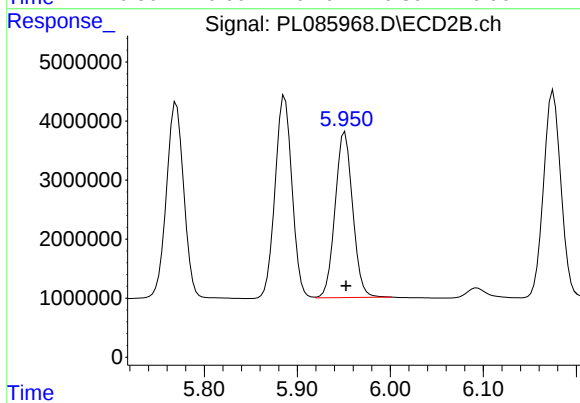
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.001 min
Response: 43306429
Conc: 54.77 ng/ml



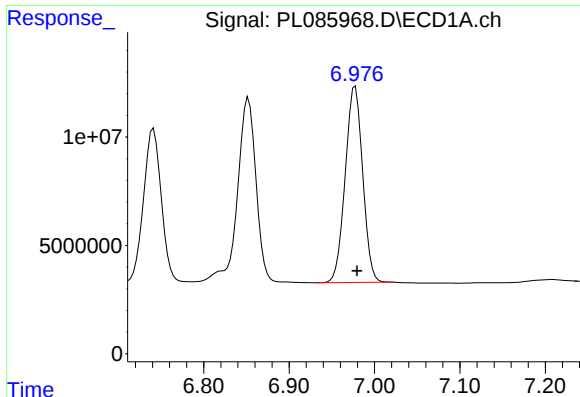
#18 Endrin aldehyde

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 101654566
Conc: 50.16 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 36784186
Conc: 49.33 ng/ml



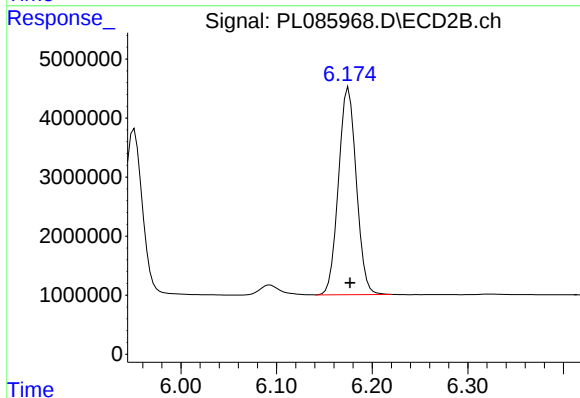
#19 Endosulfan Sulfate

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 128620314
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156433BS

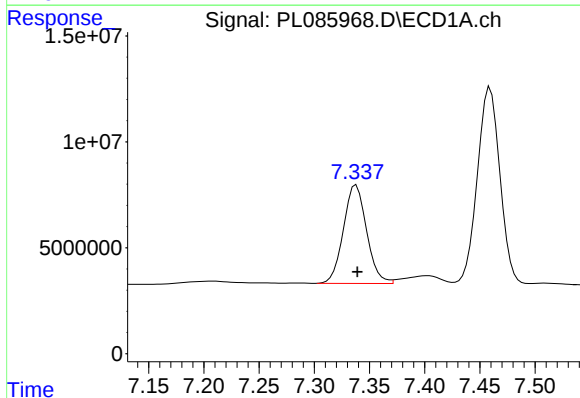
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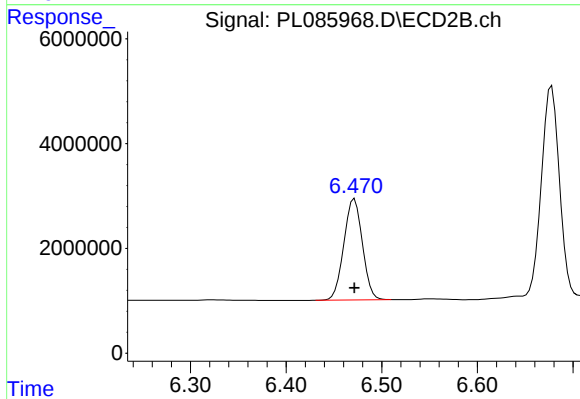
#19 Endosulfan Sulfate

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 45503567
Conc: 50.44 ng/ml



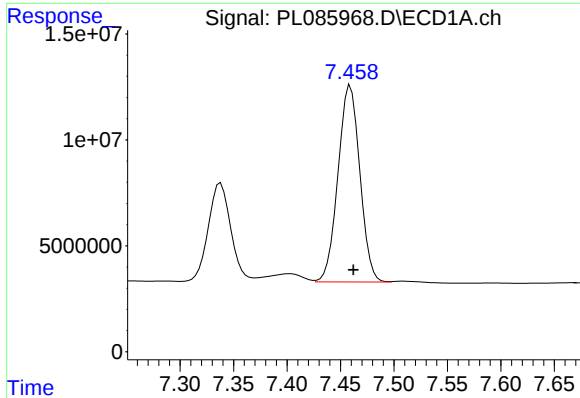
#20 Methoxychlor

R.T.: 7.338 min
Delta R.T.: -0.001 min
Response: 67970842
Conc: 48.67 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 26148742
Conc: 49.71 ng/ml



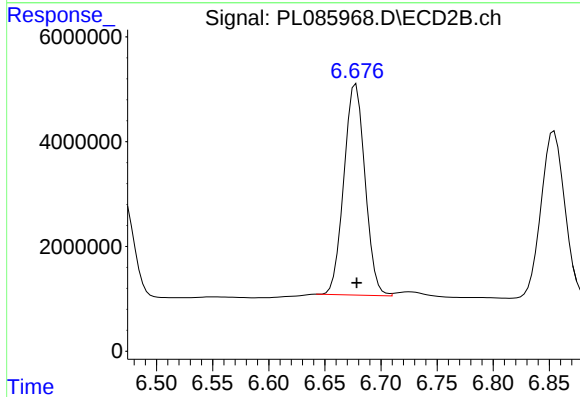
#21 Endrin ketone

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 132121779
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156433BS

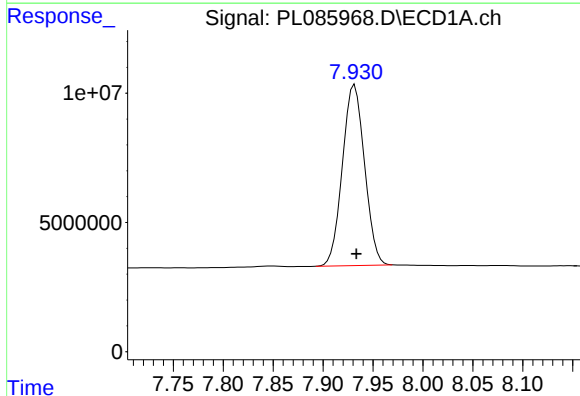
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/18/2023
Supervised By :Ankita Jodhani 10/18/2023



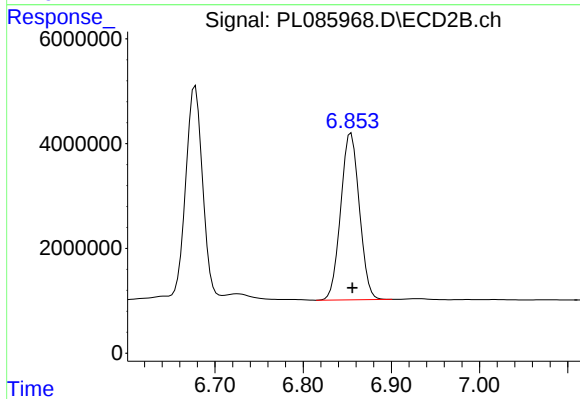
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 52721341
Conc: 45.87 ng/ml



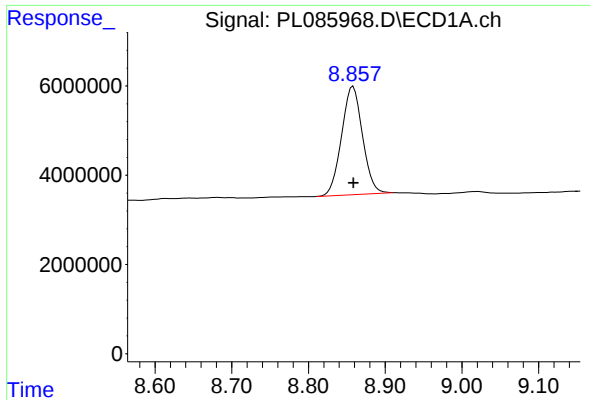
#22 Mirex

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 108076296
Conc: 48.82 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 46662759
Conc: 49.47 ng/ml



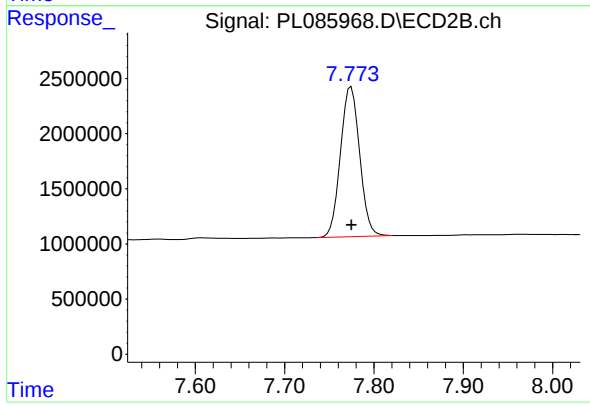
#28 Decachlorobiphenyl

R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 46294648
Conc: 21.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156433BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 20315760
Conc: 22.01 ng/ml