

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
 Data File : PL082499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2023 13:33
 Operator : AR\AJ
 Sample : 02583-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CF-27MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/06/2023
 Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 21:07:21 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	2.643	48327659	39003891	18.092	16.836
28)	SA Decachlor...	8.737	7.752	36918591	42254064	19.338	18.512
Target Compounds							
2)	A alpha-BHC	3.769	3.141	171.0E6	142.6E6	42.958	41.885
3)	MA gamma-BHC...	4.097	3.467	170.3E6	141.5E6	45.551	44.022
4)	MA Heptachlor	4.675	3.799	161.0E6	143.3E6	44.057	41.868
5)	MB Aldrin	5.012	4.076	152.6E6	146.2E6	46.291	46.405
6)	B beta-BHC	4.300	3.767	74912580	56864475	43.924	41.677
7)	B delta-BHC	4.541	3.993	123.2E6	110.9E6	34.254	36.142
8)	B Heptachlo...	5.438	4.577	138.8E6	128.5E6	45.491	44.619
9)	A Endosulfan I	5.818	4.944	127.0E6	118.8E6	45.804	44.514
10)	B gamma-Chl...	5.692	4.825	143.6E6	128.8E6	47.763	44.377
11)	B alpha-Chl...	5.770	4.888	138.9E6	129.9E6	46.526	44.752
12)	B 4,4'-DDE	5.948	5.079	120.3E6	108.1E6	47.320	47.015
13)	MA Dieldrin	6.093	5.208	132.3E6	125.0E6	47.932	46.306
14)	MA Endrin	6.320	5.482	117.8E6	112.3E6	48.606	45.899
15)	B Endosulfa...	6.543	5.779	111.4E6	111.5E6	45.756	49.463
16)	A 4,4'-DDD	6.465	5.633	82149055	87817354	40.523	46.951
17)	MA 4,4'-DDT	6.775	5.882	106.5E6	101.6E6	46.548	48.078
18)	B Endrin al...	6.672	5.959	93024991	89828854	49.372	48.001
19)	B Endosulfa...	6.907	6.182	109.0E6	105.8E6	45.964	44.939
20)	A Methoxychlor	7.257	6.461	58779993	58231256	48.167	48.052
21)	B Endrin ke...	7.386	6.684	118.0E6	124.1E6	49.281	48.896m
22)	Mirex	7.850	6.855	89617378	104.4E6	45.809	45.314m

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

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Data File : PL082499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 May 2023 13:33
Operator : AR\AJ
Sample : 02583-07MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

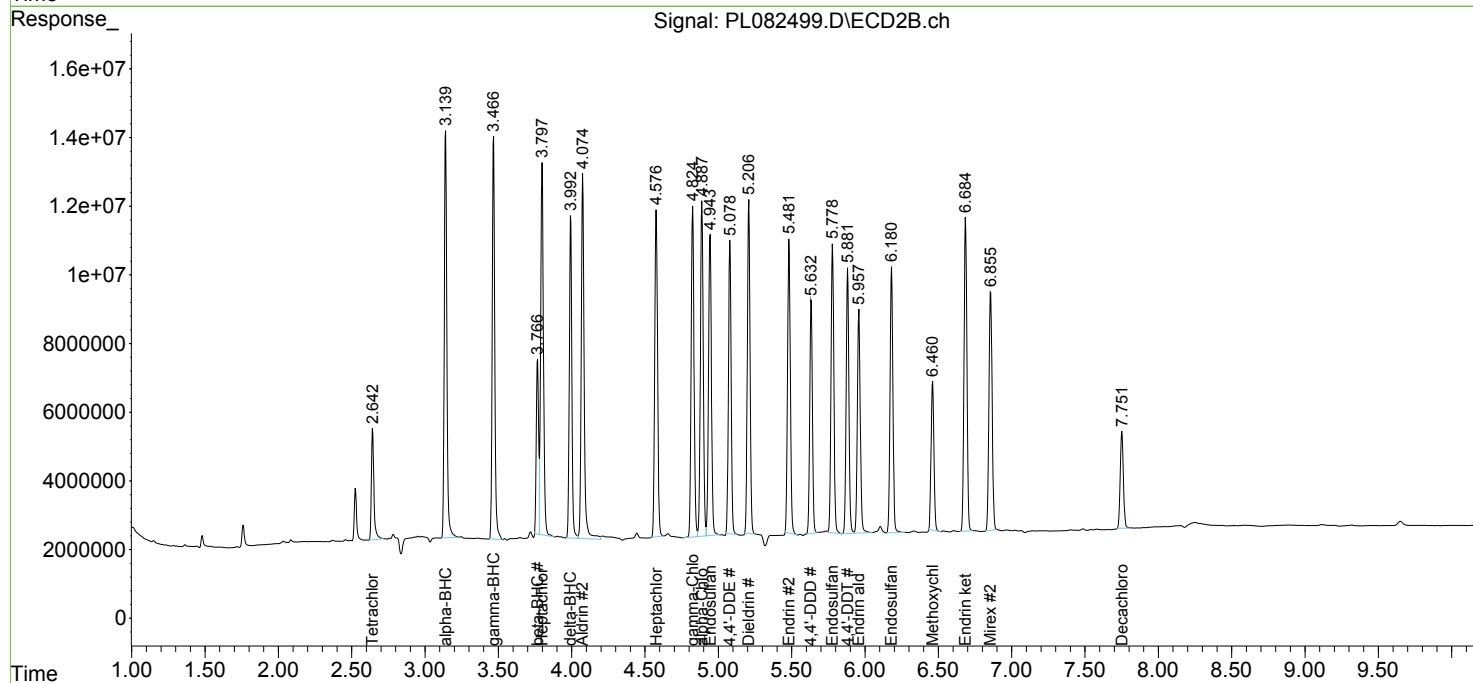
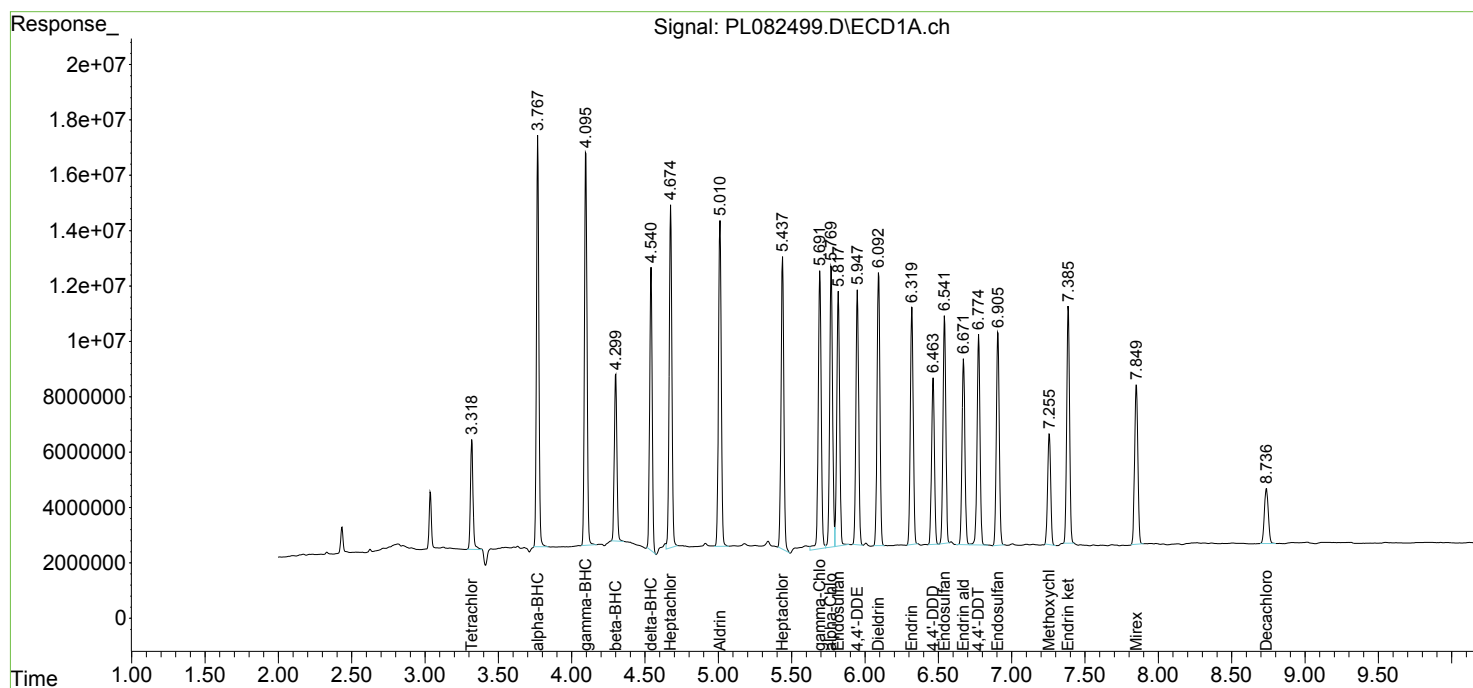
Instrument :
ECD_L
ClientSampleId :
CF-27MS

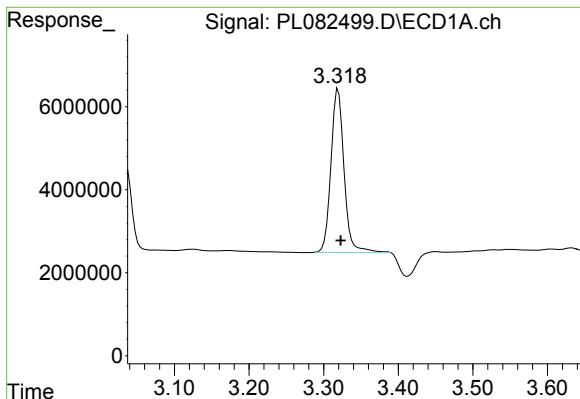
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/06/2023
Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 21:07:21 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





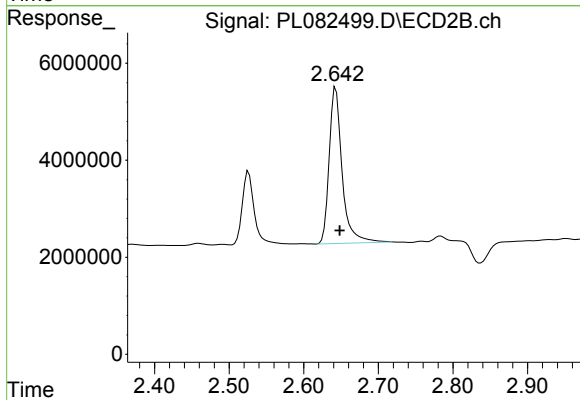
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 48327659
Conc: 18.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MS

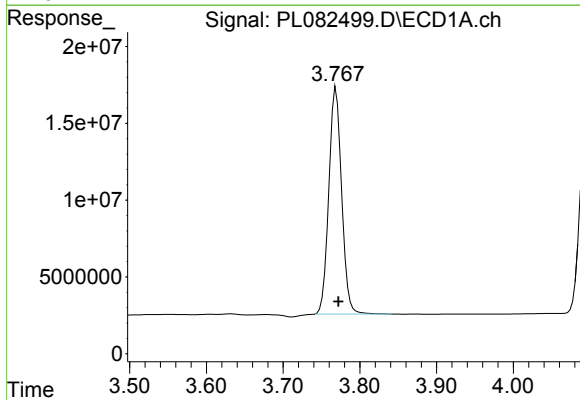
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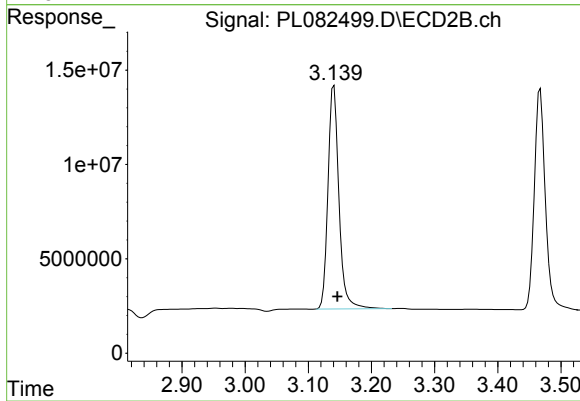
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.005 min
Response: 39003891
Conc: 16.84 ng/ml



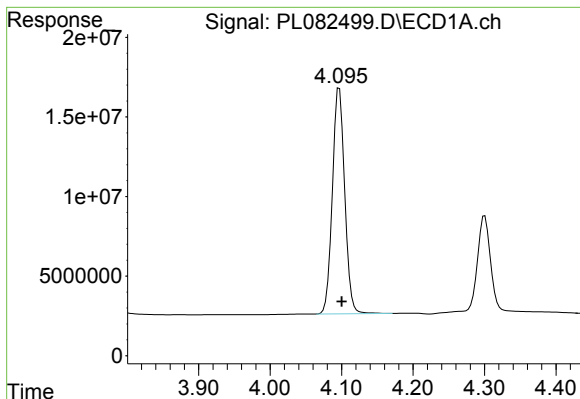
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 170982977
Conc: 42.96 ng/ml



#2 alpha-BHC

R.T.: 3.141 min
Delta R.T.: -0.006 min
Response: 142554458
Conc: 41.88 ng/ml



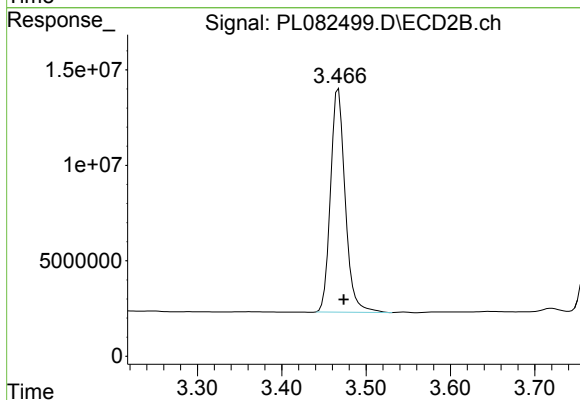
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.003 min
Response: 170310411
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MS

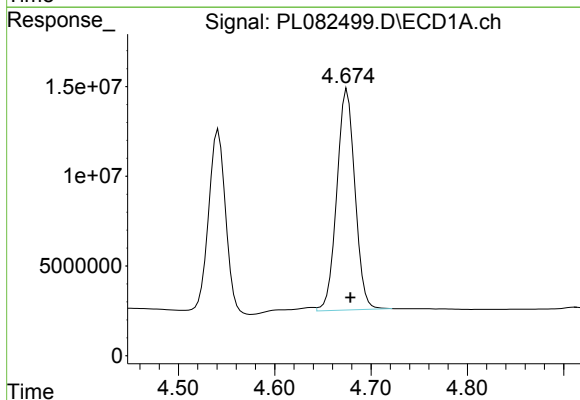
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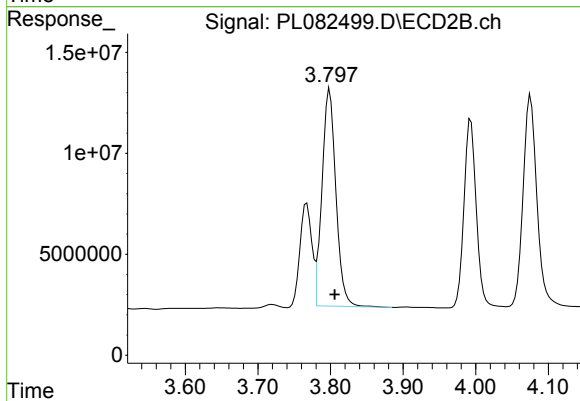
#3 gamma-BHC (Lindane)

R.T.: 3.467 min
Delta R.T.: -0.006 min
Response: 141543949
Conc: 44.02 ng/ml



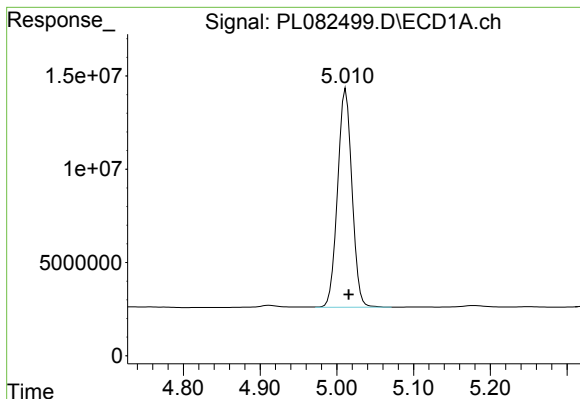
#4 Heptachlor

R.T.: 4.675 min
Delta R.T.: -0.003 min
Response: 160982703
Conc: 44.06 ng/ml



#4 Heptachlor

R.T.: 3.799 min
Delta R.T.: -0.007 min
Response: 143324660
Conc: 41.87 ng/ml



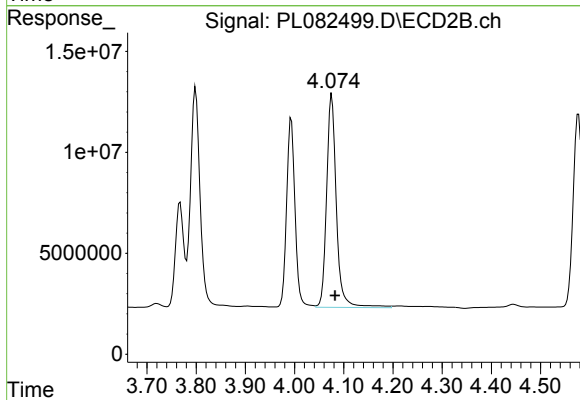
#5 Aldrin

R.T.: 5.012 min
Delta R.T.: -0.004 min
Response: 152648645
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MS

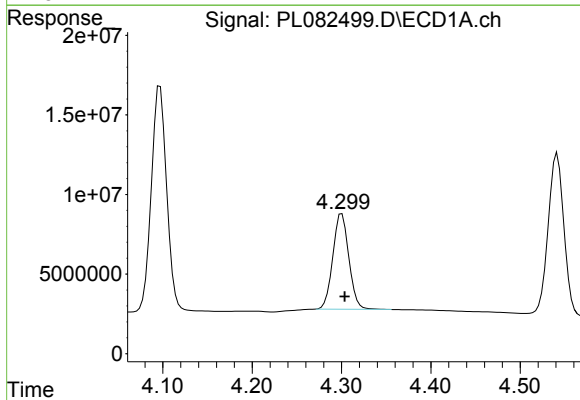
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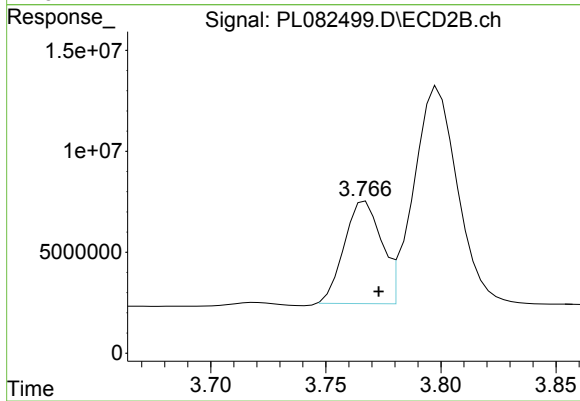
#5 Aldrin

R.T.: 4.076 min
Delta R.T.: -0.007 min
Response: 146170597
Conc: 46.41 ng/ml



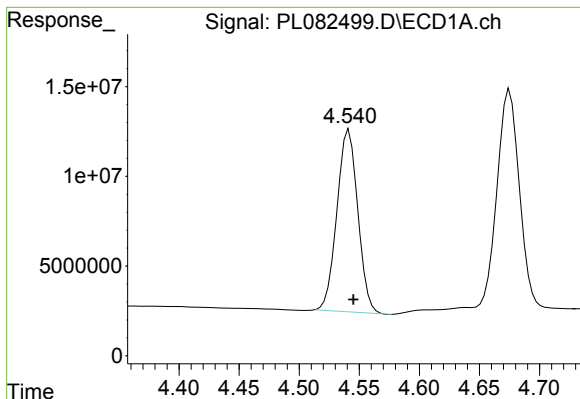
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 74912580
Conc: 43.92 ng/ml



#6 beta-BHC

R.T.: 3.767 min
Delta R.T.: -0.006 min
Response: 56864475
Conc: 41.68 ng/ml



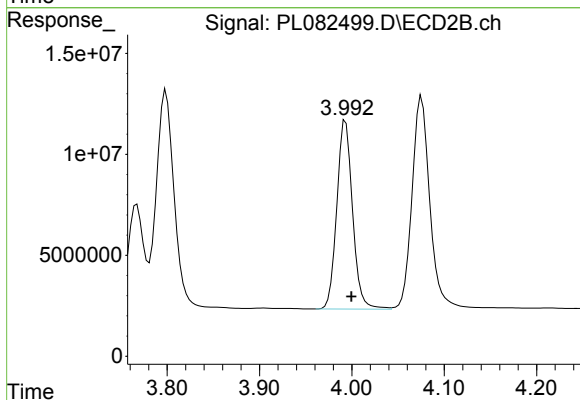
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 123236592
Conc: 34.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MS

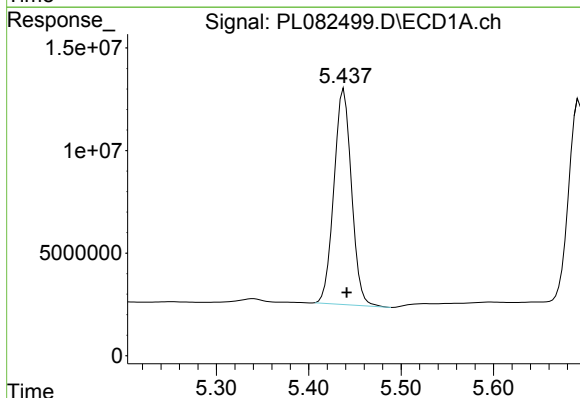
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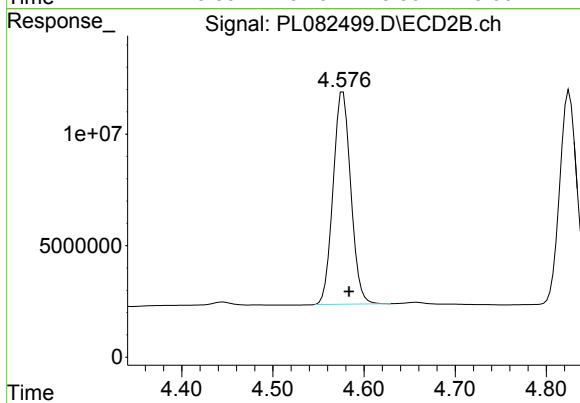
#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.006 min
Response: 110861524
Conc: 36.14 ng/ml



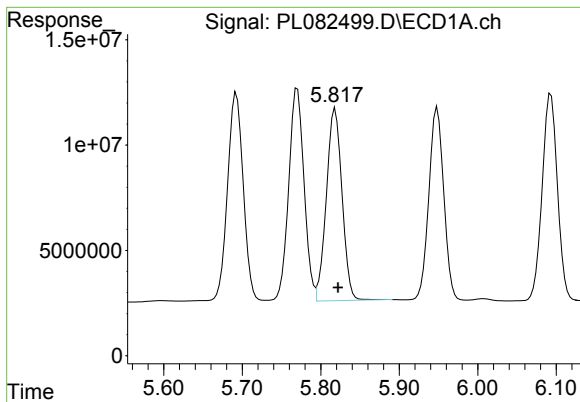
#8 Heptachlor epoxide

R.T.: 5.438 min
Delta R.T.: -0.003 min
Response: 138762787
Conc: 45.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.577 min
Delta R.T.: -0.006 min
Response: 128542468
Conc: 44.62 ng/ml



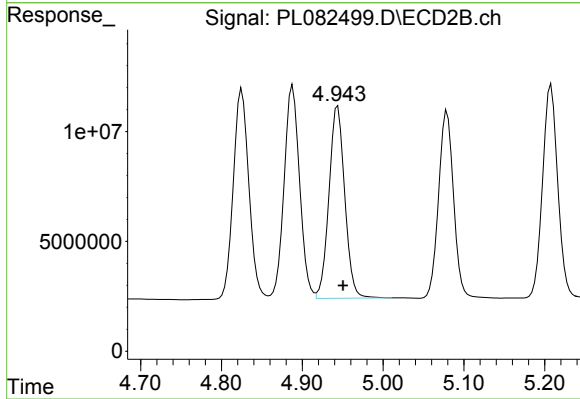
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 127001474
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MS

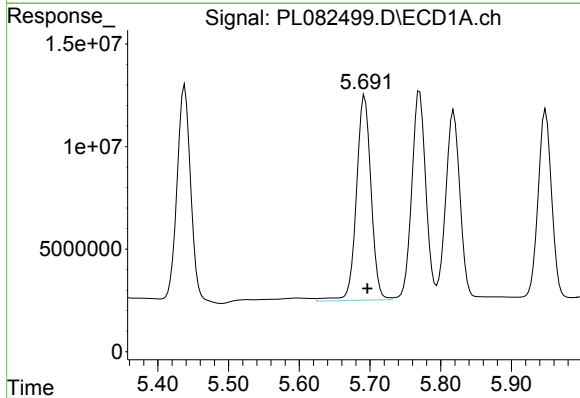
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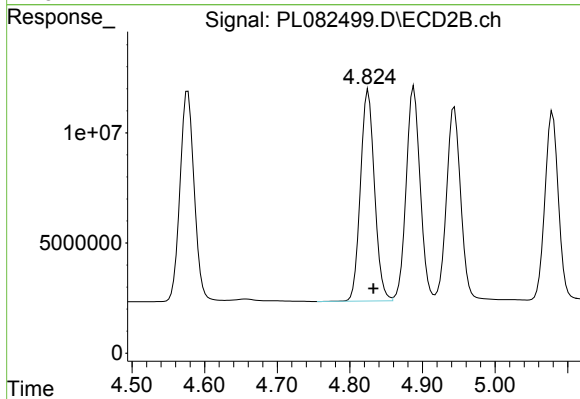
#9 Endosulfan I

R.T.: 4.944 min
Delta R.T.: -0.007 min
Response: 118826499
Conc: 44.51 ng/ml



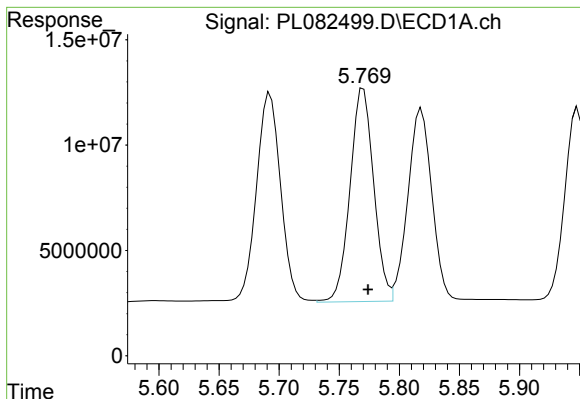
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 143618651
Conc: 47.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.825 min
Delta R.T.: -0.007 min
Response: 128774905
Conc: 44.38 ng/ml



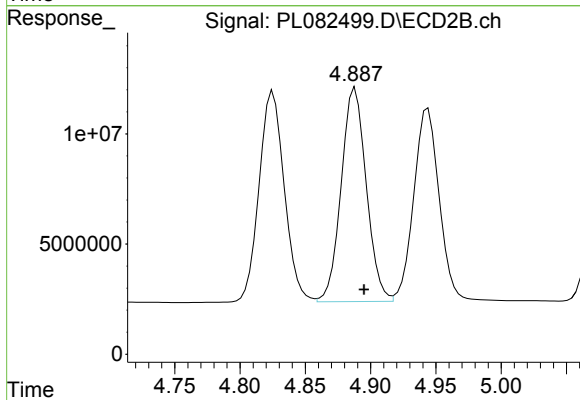
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 138862556
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MS

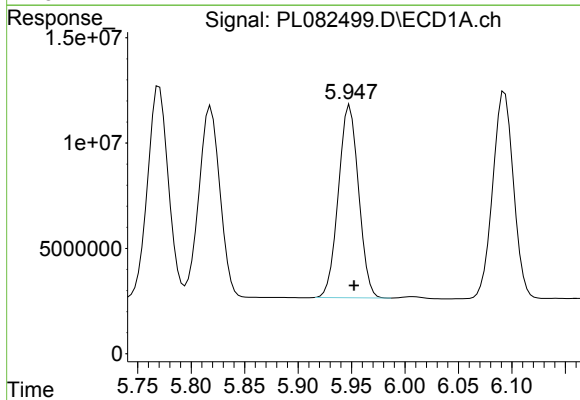
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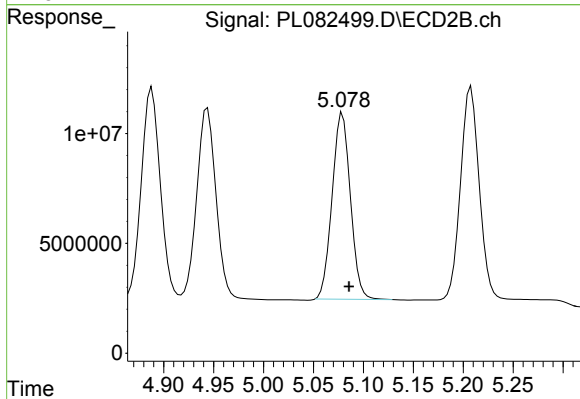
#11 alpha-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 129908923
Conc: 44.75 ng/ml



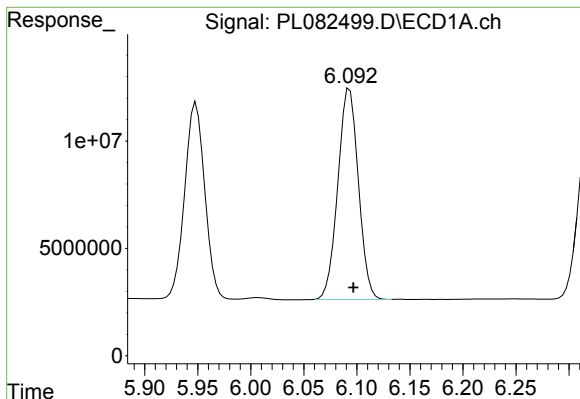
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 120289423
Conc: 47.32 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.006 min
Response: 108085681
Conc: 47.01 ng/ml



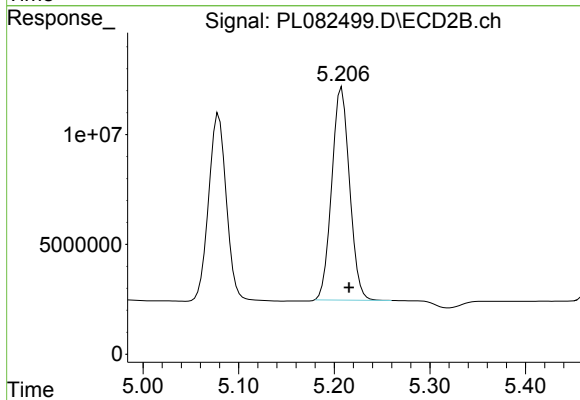
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 132251625
Conc: 47.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MS

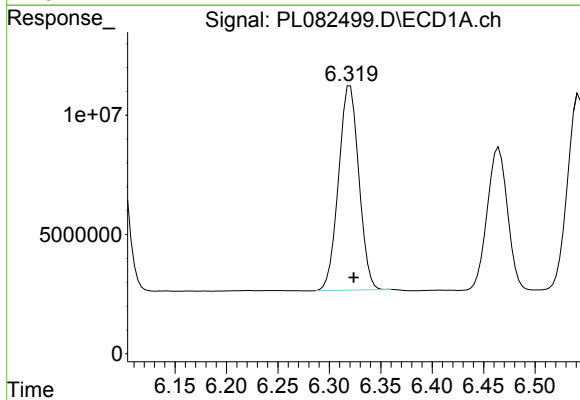
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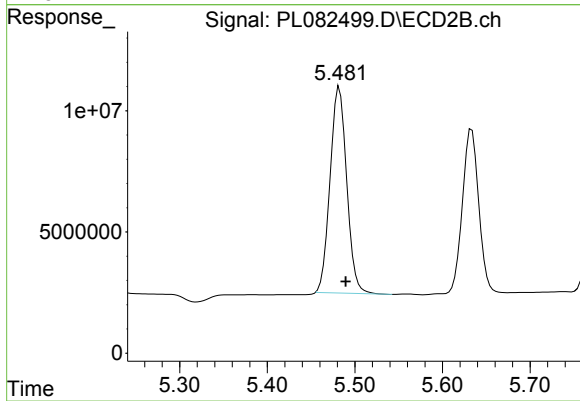
#13 Dieldrin

R.T.: 5.208 min
Delta R.T.: -0.008 min
Response: 125043555
Conc: 46.31 ng/ml



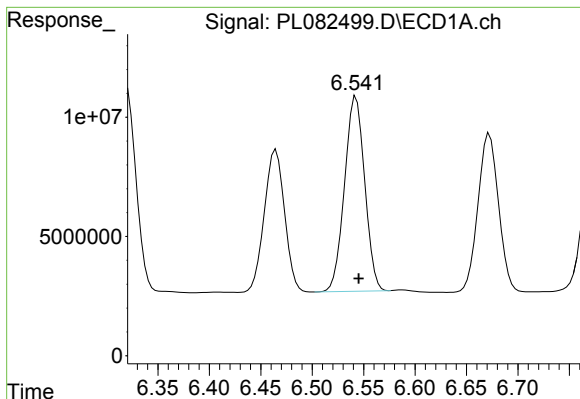
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 117847238
Conc: 48.61 ng/ml



#14 Endrin

R.T.: 5.482 min
Delta R.T.: -0.007 min
Response: 112267452
Conc: 45.90 ng/ml



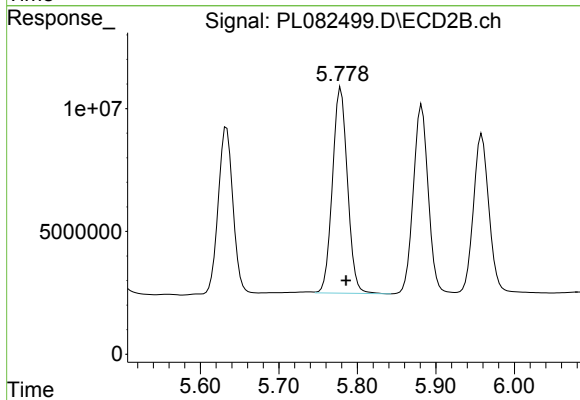
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 111396462
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MS

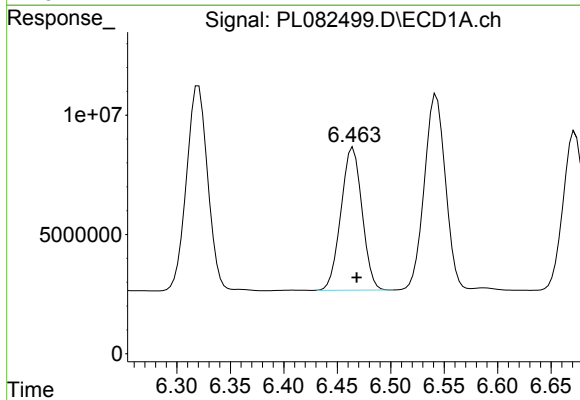
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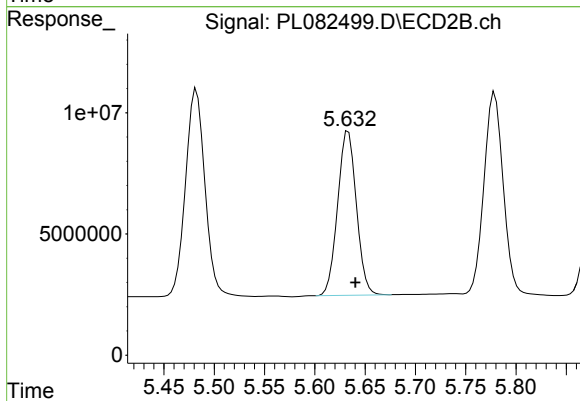
#15 Endosulfan II

R.T.: 5.779 min
Delta R.T.: -0.007 min
Response: 111495377
Conc: 49.46 ng/ml



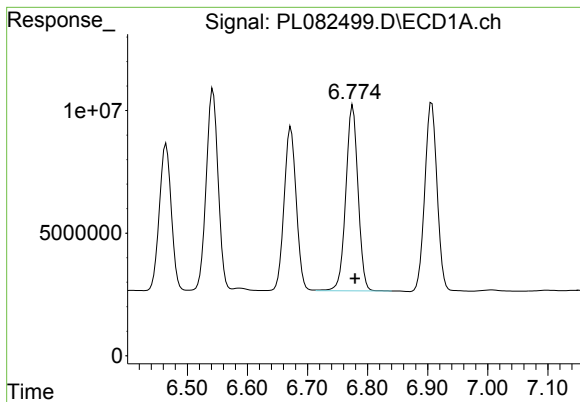
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 82149055
Conc: 40.52 ng/ml



#16 4,4'-DDD

R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 87817354
Conc: 46.95 ng/ml



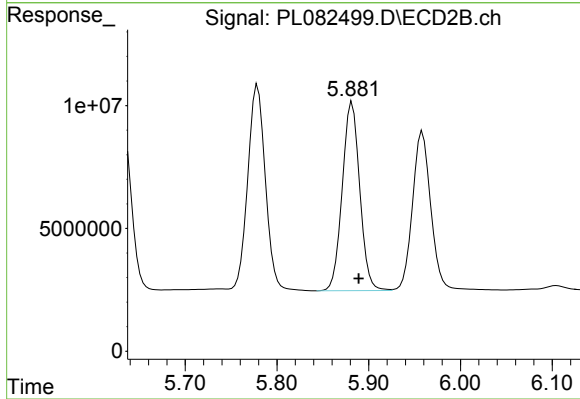
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 106489795
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MS

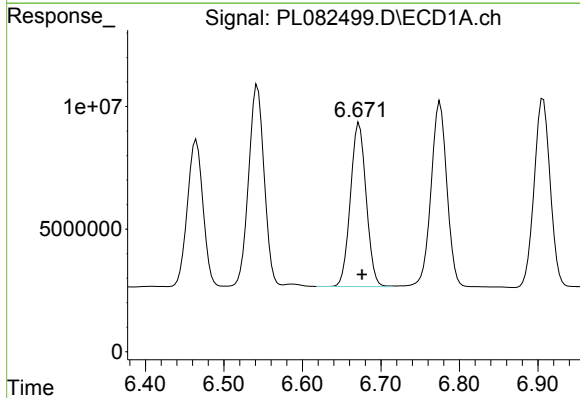
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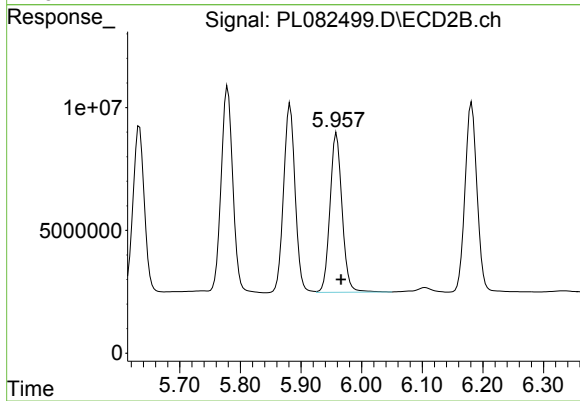
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 101570137
Conc: 48.08 ng/ml



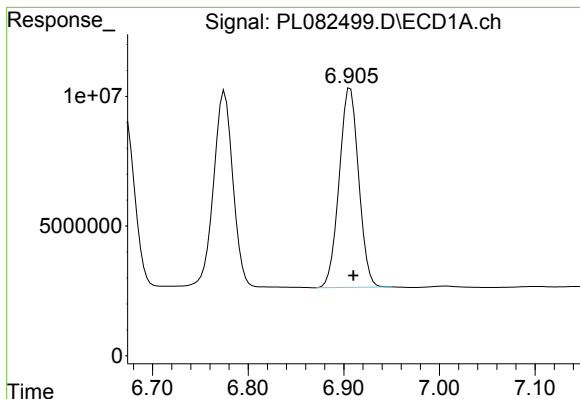
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 93024991
Conc: 49.37 ng/ml



#18 Endrin aldehyde

R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 89828854
Conc: 48.00 ng/ml



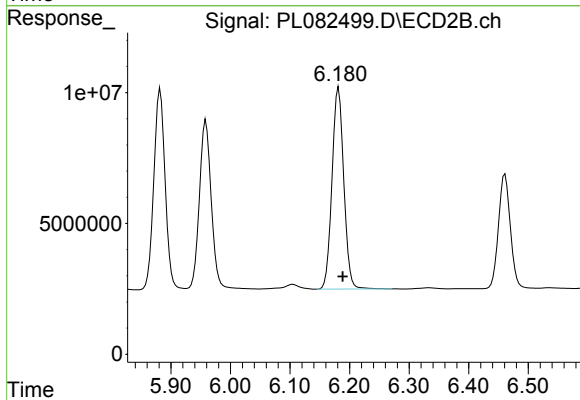
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 109005100
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MS

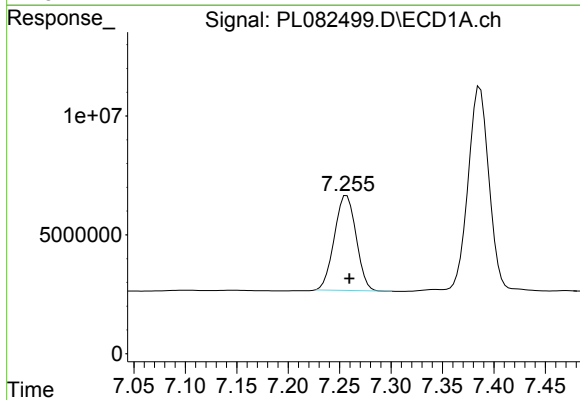
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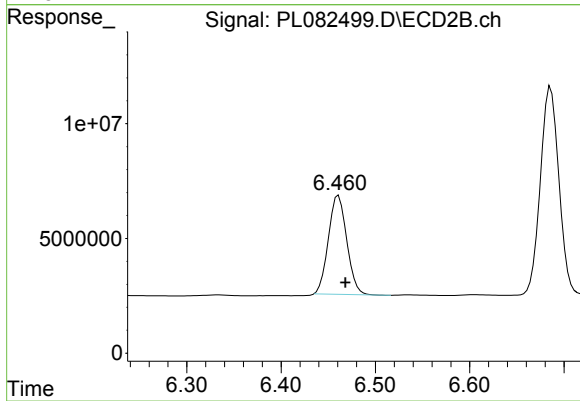
#19 Endosulfan Sulfate

R.T.: 6.182 min
Delta R.T.: -0.007 min
Response: 105798060
Conc: 44.94 ng/ml



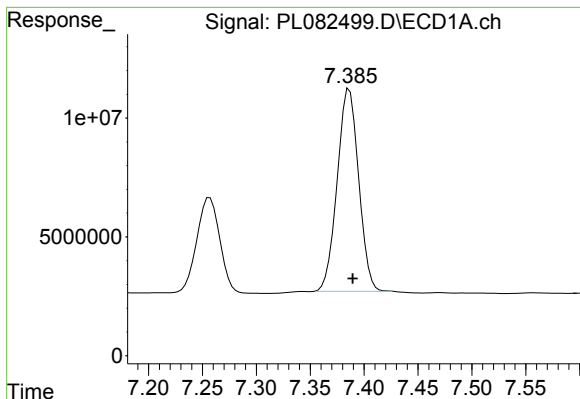
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 58779993
Conc: 48.17 ng/ml



#20 Methoxychlor

R.T.: 6.461 min
Delta R.T.: -0.007 min
Response: 58231256
Conc: 48.05 ng/ml



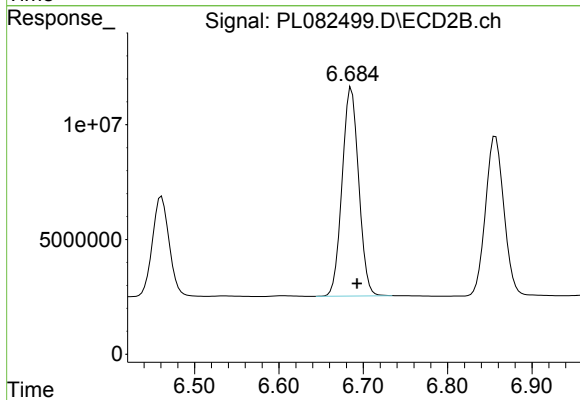
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 117999648
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MS

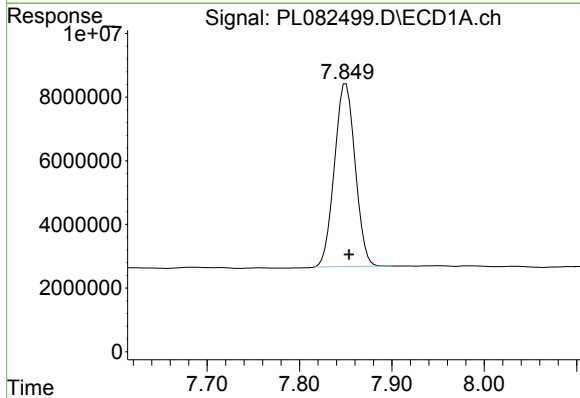
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APPROVED

Reviewed By :Abdul Mirza 05/06/2023
Supervised By :Ankita Jodhani 05/08/2023



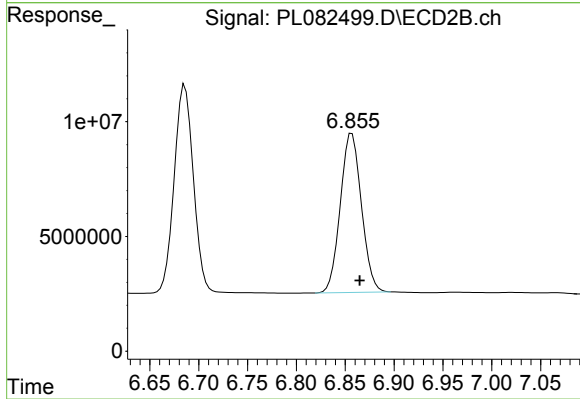
#21 Endrin ketone

R.T.: 6.684 min
Delta R.T.: -0.008 min
Response: 124106223
Conc: 48.90 ng/ml m



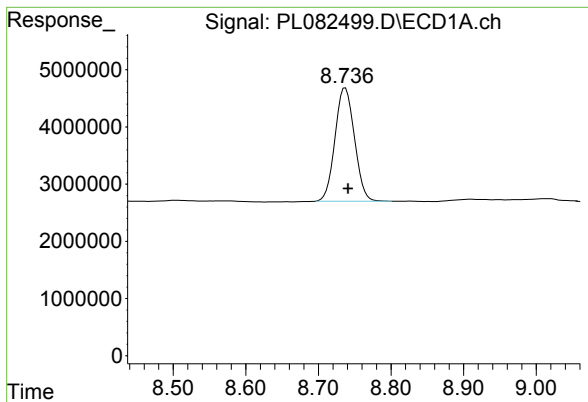
#22 Mirex

R.T.: 7.850 min
Delta R.T.: -0.003 min
Response: 89617378
Conc: 45.81 ng/ml



#22 Mirex

R.T.: 6.855 min
Delta R.T.: -0.010 min
Response: 104416199
Conc: 45.31 ng/ml m



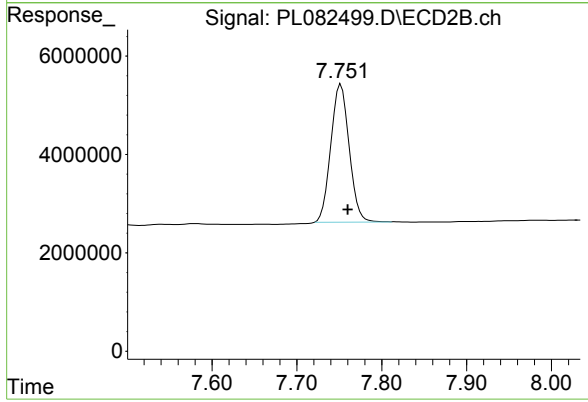
#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: -0.004 min
Response: 36918591
Conc: 19.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 42254064
Conc: 18.51 ng/ml