

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
 Data File : PL082504.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2023 14:43
 Operator : AR\AJ
 Sample : PB152565BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152565BS

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 21:11:38 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	2.644	56456650	48905841	21.135	21.110
2)	SA Decachlor...	8.739	7.752	47771752	54364292	25.023	23.818
Target Compounds							
2)	A alpha-BHC	3.769	3.141	232.4E6	192.3E6	58.394	56.508
3)	MA gamma-BHC...	4.098	3.468	214.6E6	180.7E6	57.387	56.204
4)	MA Heptachlor	4.676	3.800	209.7E6	192.1E6	57.377	56.119
5)	MB Aldrin	5.012	4.077	193.3E6	185.6E6	58.619	58.917
6)	B beta-BHC	4.301	3.768	92094822	74945357	53.999	54.929
7)	B delta-BHC	4.542	3.994	200.6E6	179.5E6	55.760	58.534
8)	B Heptachlo...	5.439	4.578	172.5E6	162.7E6	56.545	56.459
9)	A Endosulfan I	5.819	4.944	159.6E6	150.9E6	57.552	56.536
10)	B gamma-Chl...	5.694	4.826	179.5E6	165.2E6	59.687	56.929
11)	B alpha-Chl...	5.771	4.889	172.5E6	164.6E6	57.782	56.719
12)	B 4,4'-DDE	5.950	5.079	150.5E6	142.4E6	59.212	61.933
13)	MA Dieldrin	6.094	5.209	164.0E6	155.8E6	59.433	57.709
14)	MA Endrin	6.321	5.483	146.3E6	141.6E6	60.353	57.898
15)	B Endosulfa...	6.543	5.780	134.9E6	134.2E6	55.419	59.545
16)	A 4,4'-DDD	6.466	5.634	122.4E6	114.6E6	60.372	61.253
17)	MA 4,4'-DDT	6.777	5.883	136.2E6	130.3E6	59.551	61.655
18)	B Endrin al...	6.674	5.959	111.9E6	110.5E6	59.376	59.042
19)	B Endosulfa...	6.908	6.182	136.2E6	136.5E6	57.431	57.993
20)	A Methoxychlor	7.257	6.461	72518458	70204655	59.425	57.933
21)	B Endrin ke...	7.387	6.685	138.3E6	149.1E6	57.777	58.748m
22)	Mirex	7.852	6.857	105.9E6	119.8E6	54.146	51.980m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
Data File : PL082504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 May 2023 14:43
Operator : AR\AJ
Sample : PB152565BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

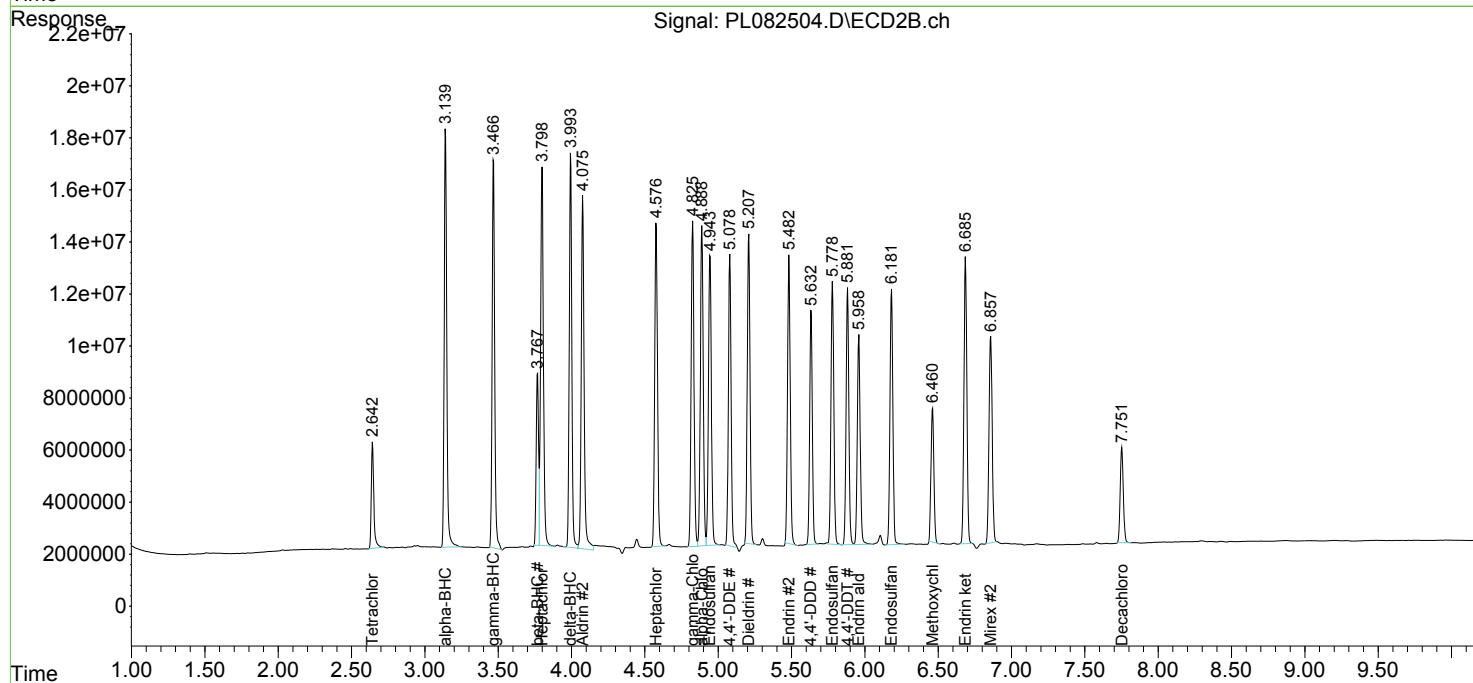
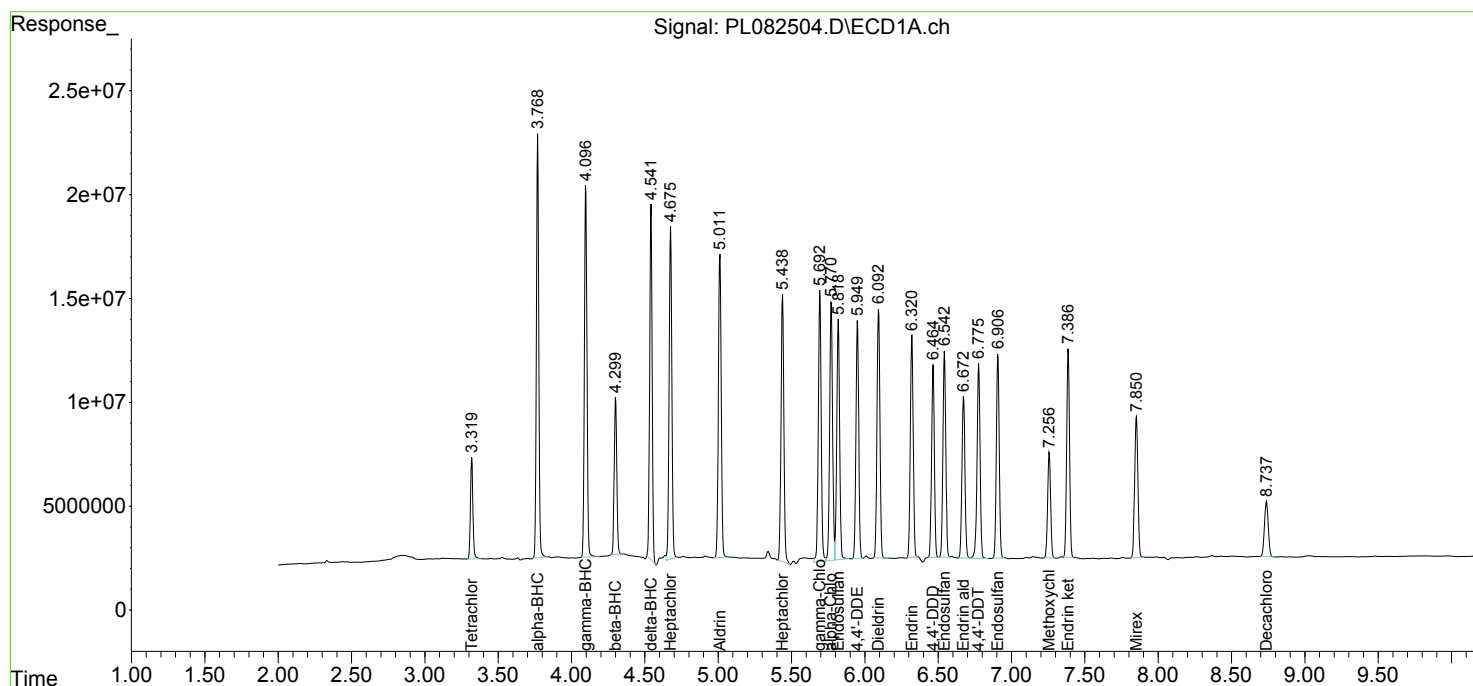
Instrument :
ECD_L
ClientSampleId :
PB152565BS

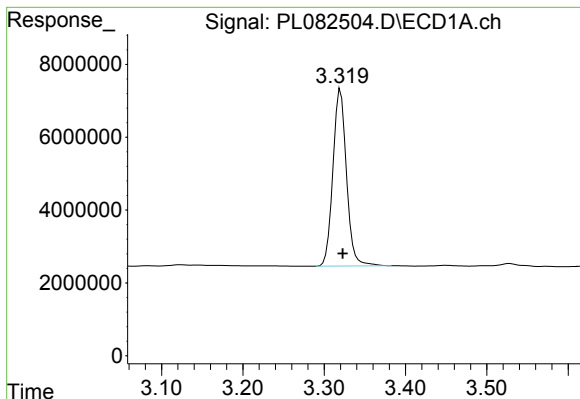
Manual Integrations
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Reviewed By :Abdul Mirza 05/06/2023
Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 21:11:38 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





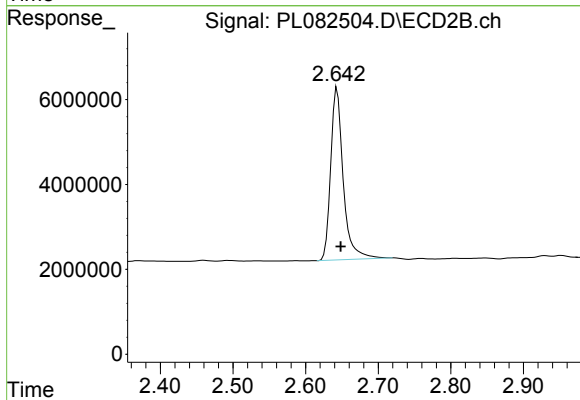
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 56456650
Conc: 21.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152565BS

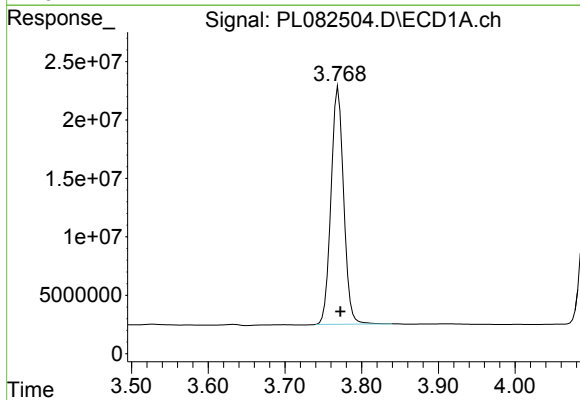
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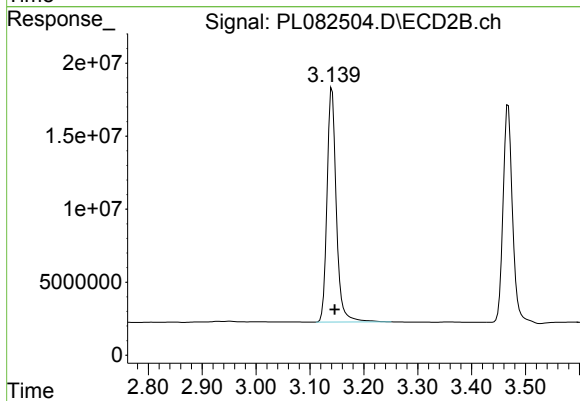
#1 Tetrachloro-m-xylene

R.T.: 2.644 min
Delta R.T.: -0.005 min
Response: 48905841
Conc: 21.11 ng/ml



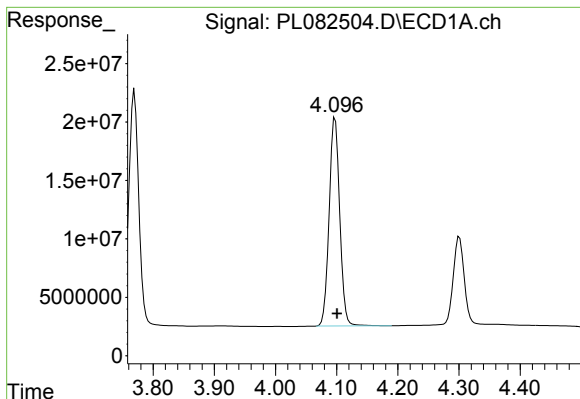
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 232424025
Conc: 58.39 ng/ml



#2 alpha-BHC

R.T.: 3.141 min
Delta R.T.: -0.005 min
Response: 192322374
Conc: 56.51 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.098 min
Delta R.T.: -0.003 min
Response: 214566742
Conc: 57.39 ng/ml

Instrument :

ECD_L

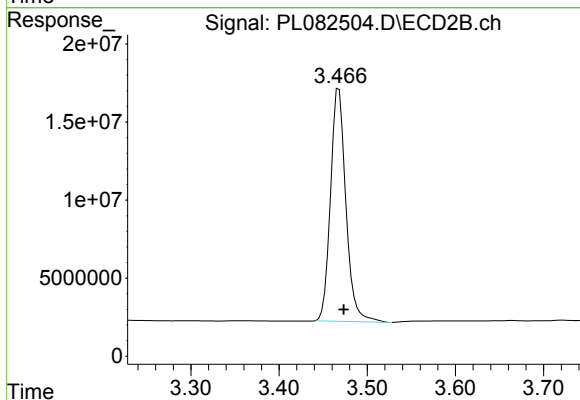
ClientSampleId :

PB152565BS

Manual Integrations

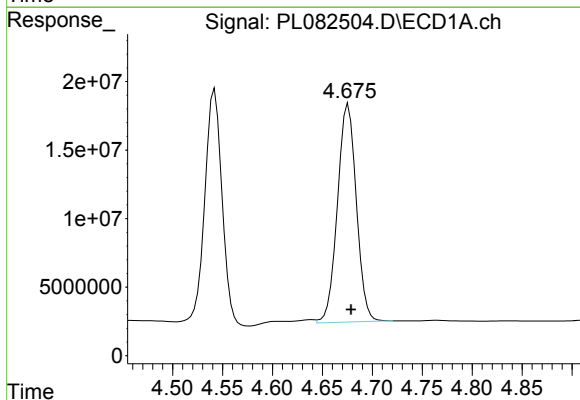
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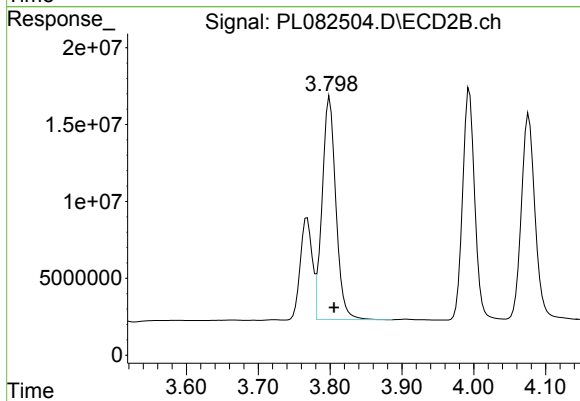
#3 gamma-BHC (Lindane)

R.T.: 3.468 min
Delta R.T.: -0.006 min
Response: 180710599
Conc: 56.20 ng/ml



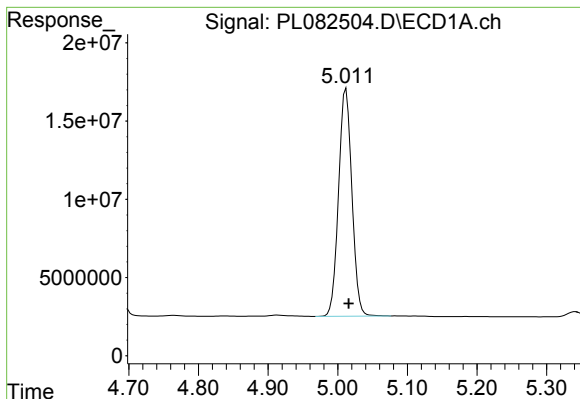
#4 Heptachlor

R.T.: 4.676 min
Delta R.T.: -0.003 min
Response: 209651564
Conc: 57.38 ng/ml



#4 Heptachlor

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 192110396
Conc: 56.12 ng/ml



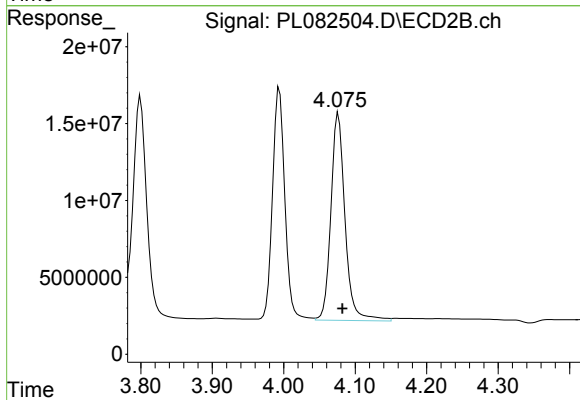
#5 Aldrin

R.T.: 5.012 min
Delta R.T.: -0.004 min
Response: 193302315
Conc: 58.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152565BS

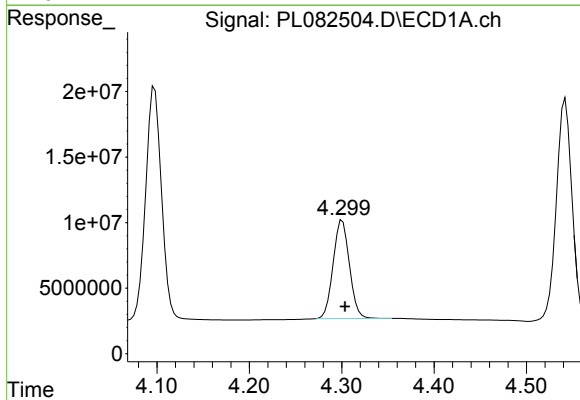
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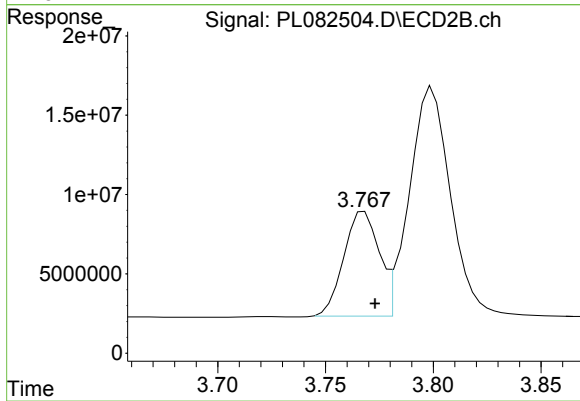
#5 Aldrin

R.T.: 4.077 min
Delta R.T.: -0.006 min
Response: 185579311
Conc: 58.92 ng/ml



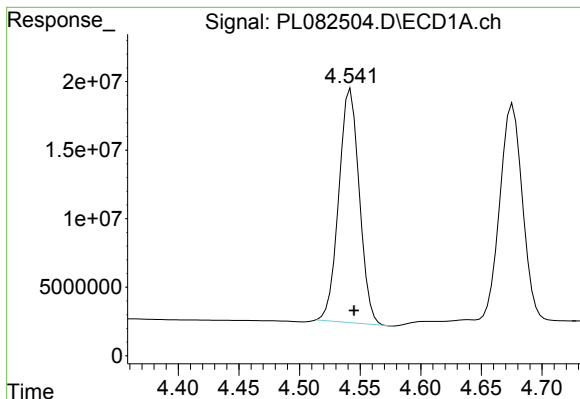
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 92094822
Conc: 54.00 ng/ml



#6 beta-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 74945357
Conc: 54.93 ng/ml



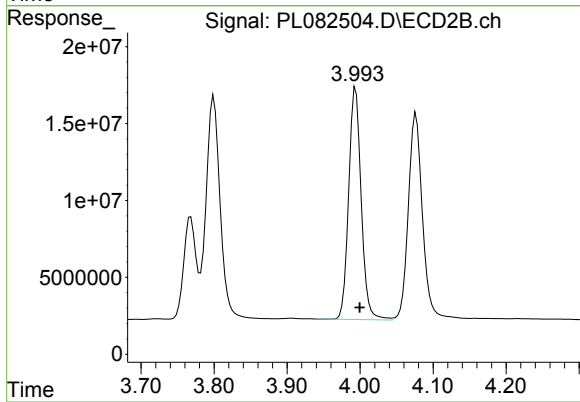
#7 delta-BHC

R.T.: 4.542 min
Delta R.T.: -0.003 min
Response: 200612352
Conc: 55.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152565BS

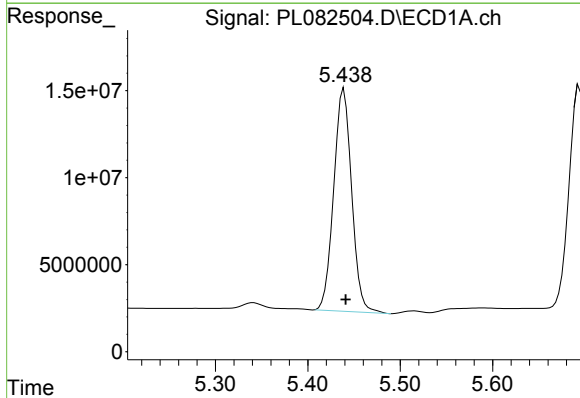
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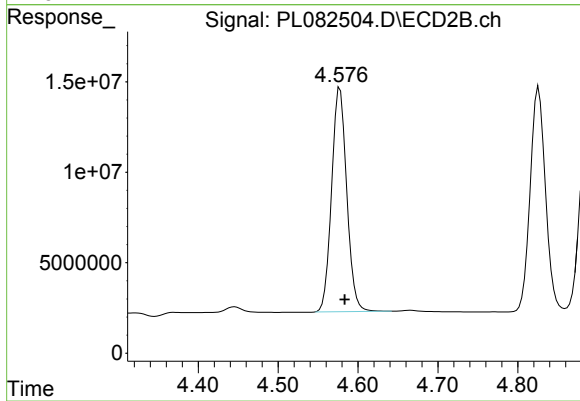
#7 delta-BHC

R.T.: 3.994 min
Delta R.T.: -0.006 min
Response: 179545708
Conc: 58.53 ng/ml



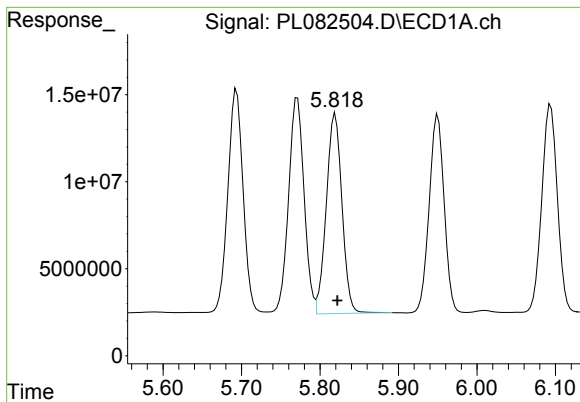
#8 Heptachlor epoxide

R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 172481208
Conc: 56.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.578 min
Delta R.T.: -0.006 min
Response: 162653155
Conc: 56.46 ng/ml



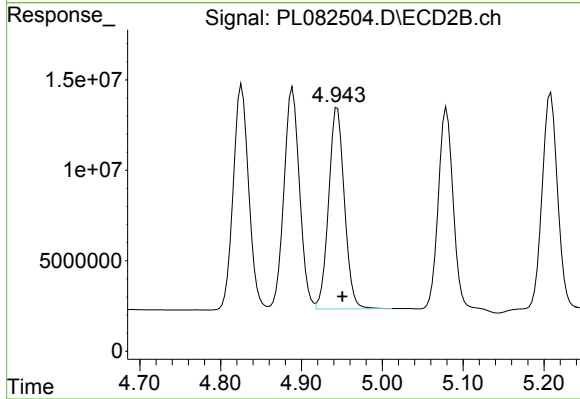
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 159577036
Conc: 57.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152565BS

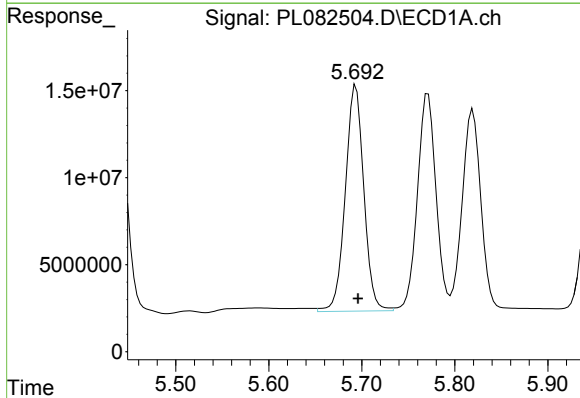
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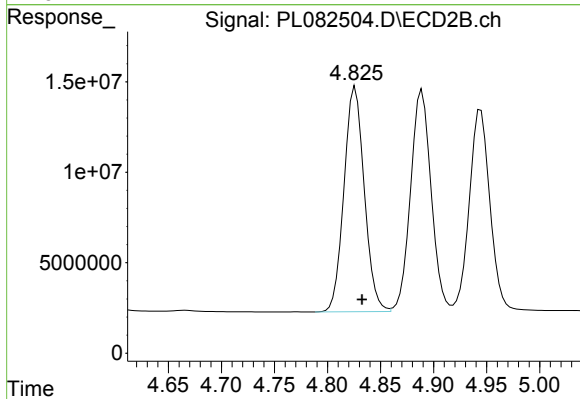
#9 Endosulfan I

R.T.: 4.944 min
Delta R.T.: -0.006 min
Response: 150919139
Conc: 56.54 ng/ml



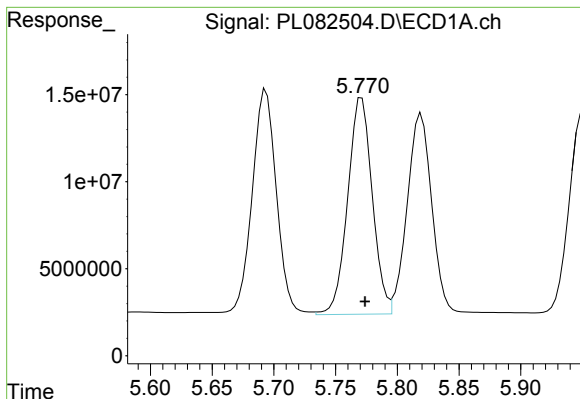
#10 gamma-Chlordane

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 179471007
Conc: 59.69 ng/ml



#10 gamma-Chlordane

R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 165200873
Conc: 56.93 ng/ml



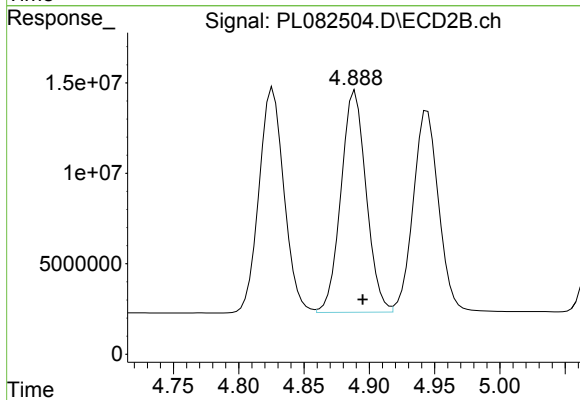
#11 alpha-Chlordane

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 172457455
Conc: 57.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152565BS

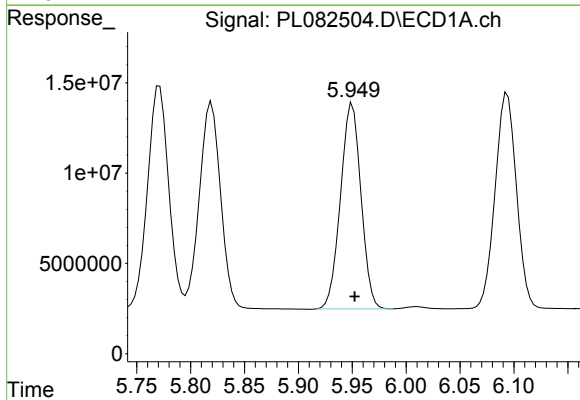
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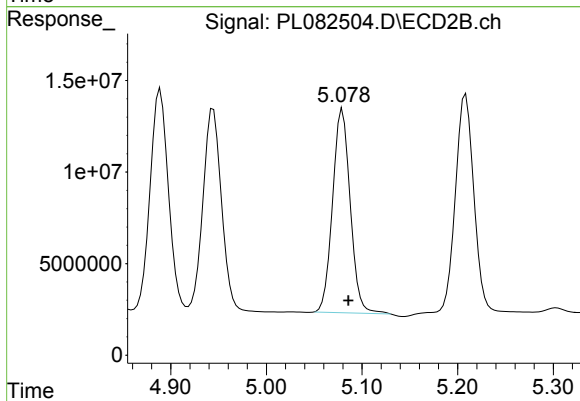
#11 alpha-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 164647208
Conc: 56.72 ng/ml



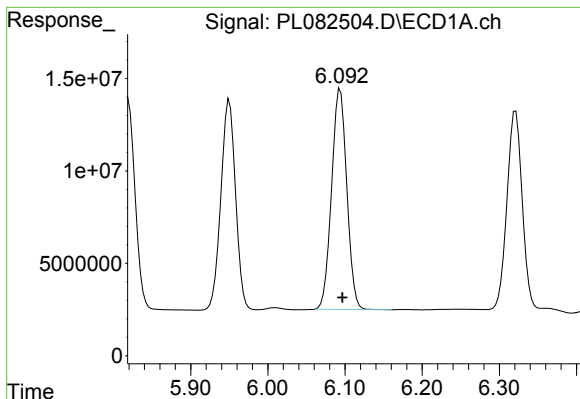
#12 4,4'-DDE

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 150519639
Conc: 59.21 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.006 min
Response: 142382185
Conc: 61.93 ng/ml



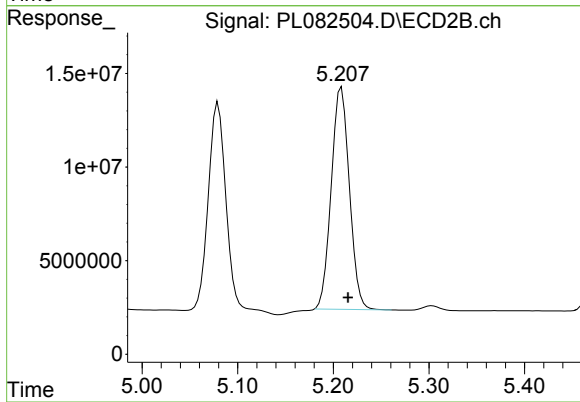
#13 Dieldrin

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 163983316
Conc: 59.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152565BS

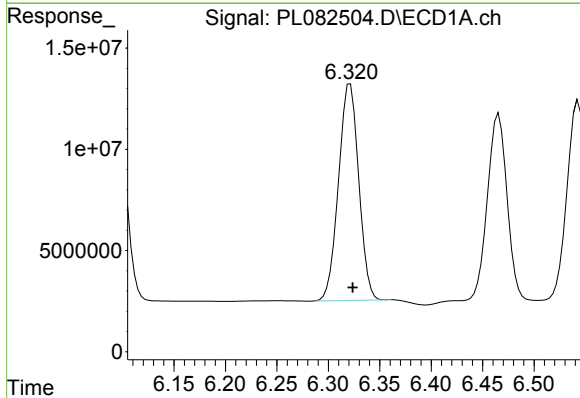
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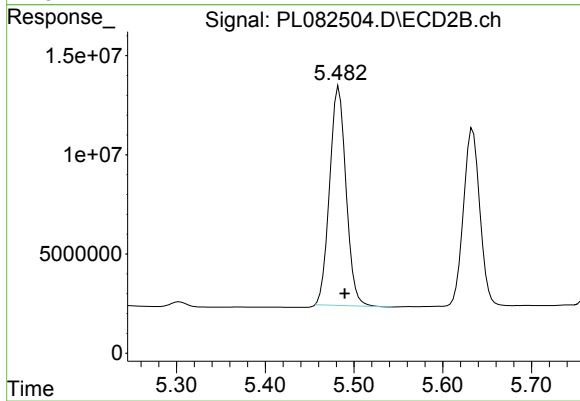
#13 Dieldrin

R.T.: 5.209 min
Delta R.T.: -0.007 min
Response: 155836199
Conc: 57.71 ng/ml



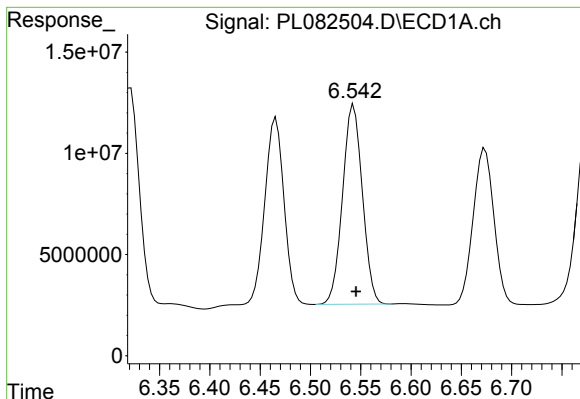
#14 Endrin

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 146328125
Conc: 60.35 ng/ml



#14 Endrin

R.T.: 5.483 min
Delta R.T.: -0.007 min
Response: 141616788
Conc: 57.90 ng/ml



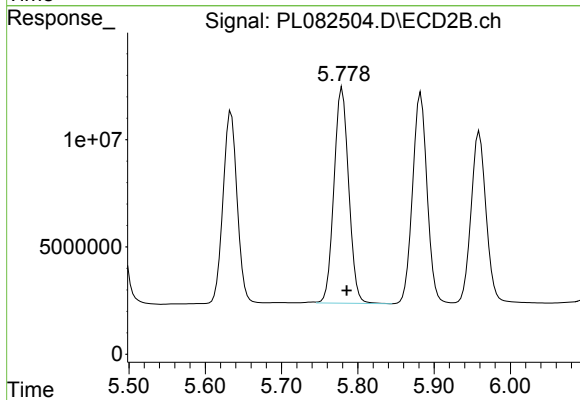
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 134922139
Conc: 55.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152565BS

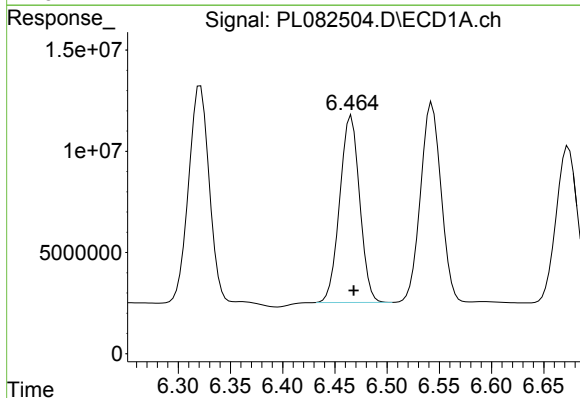
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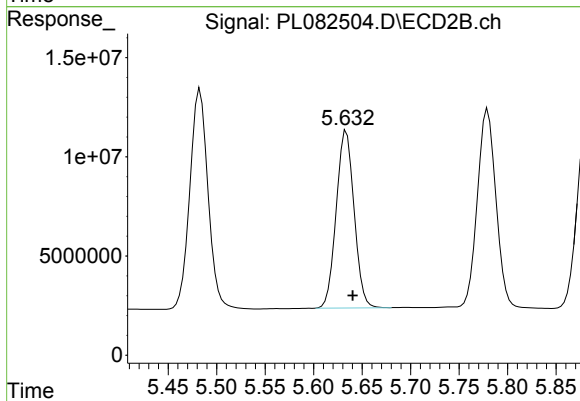
#15 Endosulfan II

R.T.: 5.780 min
Delta R.T.: -0.006 min
Response: 134221710
Conc: 59.55 ng/ml



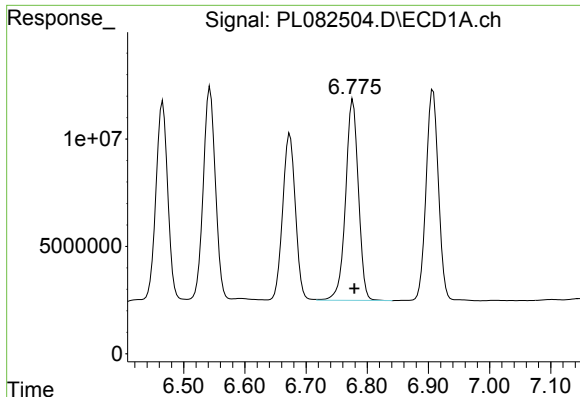
#16 4,4'-DDD

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 122385247
Conc: 60.37 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.007 min
Response: 114566948
Conc: 61.25 ng/ml



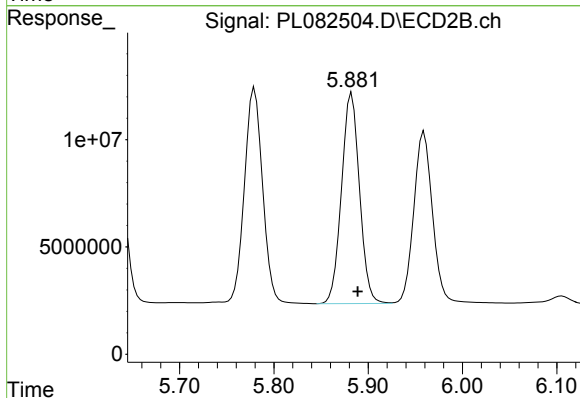
#17 4,4'-DDT

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 136235954
Conc: 59.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152565BS

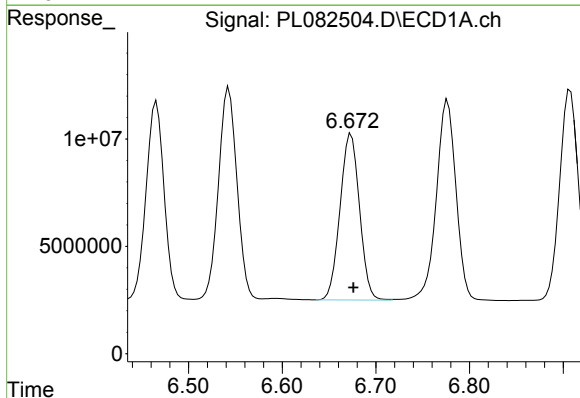
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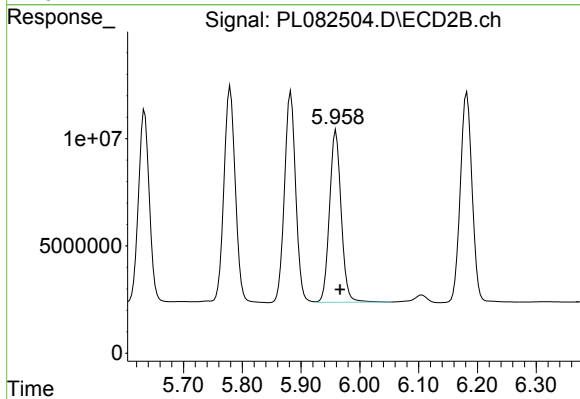
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: -0.007 min
Response: 130250857
Conc: 61.65 ng/ml



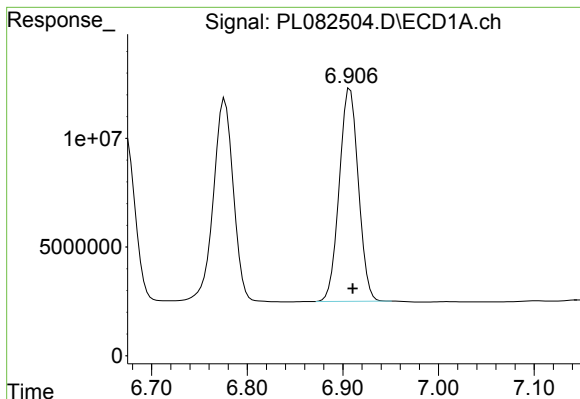
#18 Endrin aldehyde

R.T.: 6.674 min
Delta R.T.: -0.003 min
Response: 111874852
Conc: 59.38 ng/ml



#18 Endrin aldehyde

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 110489570
Conc: 59.04 ng/ml



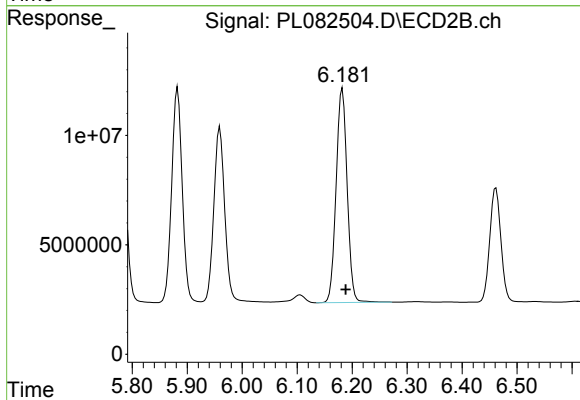
#19 Endosulfan Sulfate

R.T.: 6.908 min
Delta R.T.: -0.003 min
Response: 136199621
Conc: 57.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152565BS

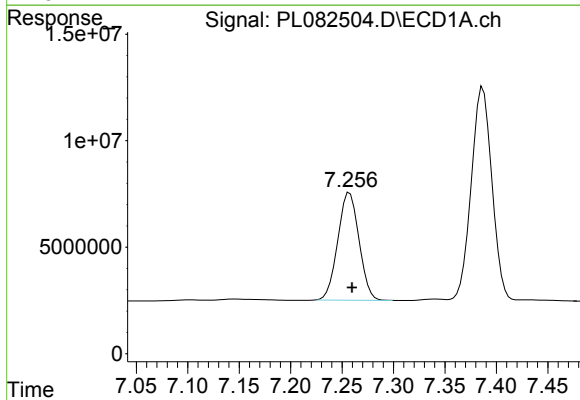
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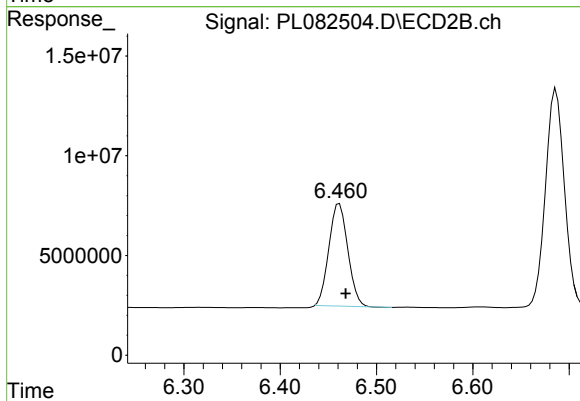
#19 Endosulfan Sulfate

R.T.: 6.182 min
Delta R.T.: -0.006 min
Response: 136532319
Conc: 57.99 ng/ml



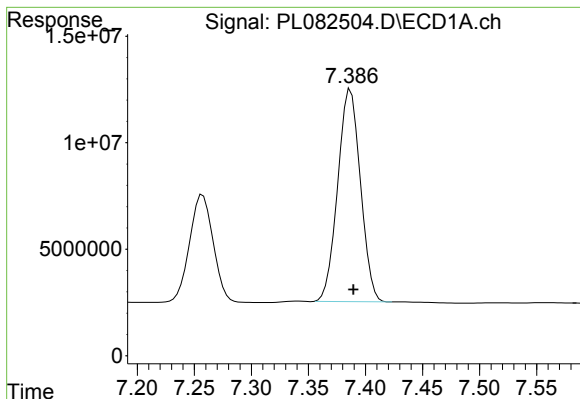
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 72518458
Conc: 59.43 ng/ml



#20 Methoxychlor

R.T.: 6.461 min
Delta R.T.: -0.007 min
Response: 70204655
Conc: 57.93 ng/ml



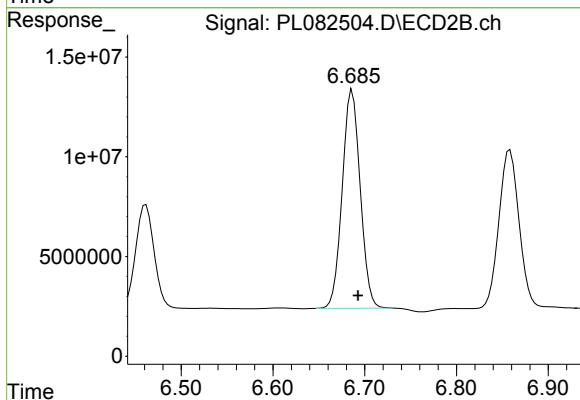
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.003 min
Response: 138341153
Conc: 57.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152565BS

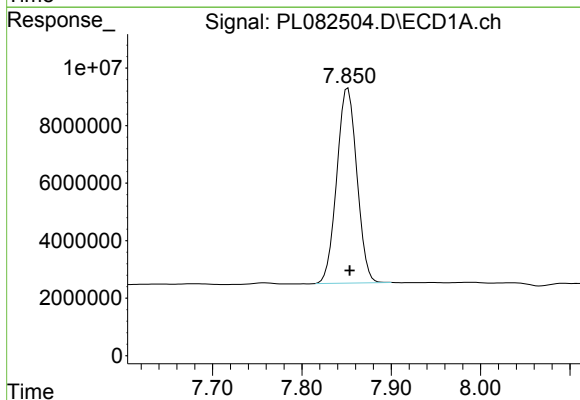
Manual Integrations
APPROVED

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



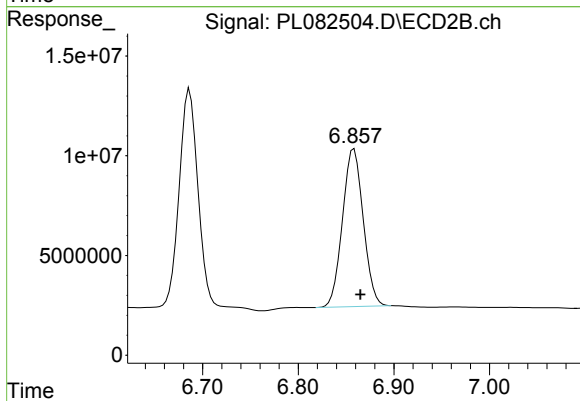
#21 Endrin ketone

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 149112617
Conc: 58.75 ng/ml m



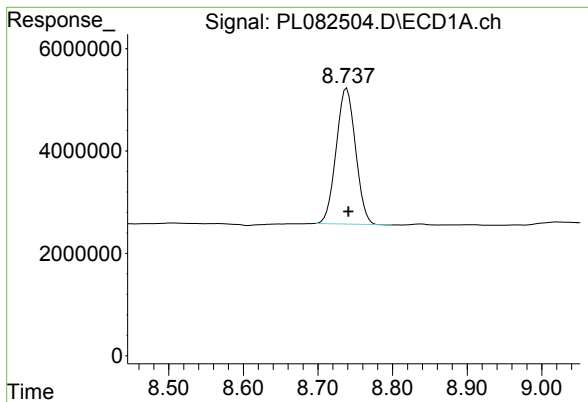
#22 Mirex

R.T.: 7.852 min
Delta R.T.: -0.002 min
Response: 105927659
Conc: 54.15 ng/ml



#22 Mirex

R.T.: 6.857 min
Delta R.T.: -0.008 min
Response: 119775339
Conc: 51.98 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 47771752
Conc: 25.02 ng/ml

Instrument :

ECD_L

ClientSampleId :

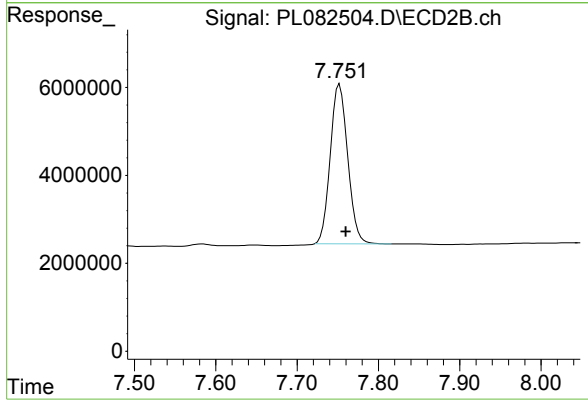
PB152565BS

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#28 Decachlorobiphenyl

R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 54364292
Conc: 23.82 ng/ml