

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052623\
 Data File : PL083041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 12:40
 Operator : AR\AJ
 Sample : PB153081BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB153081BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/30/2023
 Supervised By :Ankita Jodhani 05/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 21:39:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.318	2.637	48671052	44789479	16.560	17.253
28)	SA Decachlor...	8.737	7.744	38966889	45352428	18.579	18.239
Target Compounds							
2)	A alpha-BHC	3.768	3.133	203.3E6	158.8E6	45.785	42.566
3)	MA gamma-BHC...	4.096	3.460	187.9E6	151.5E6	45.366	45.436
4)	MA Heptachlor	4.674	3.791	173.3E6	152.4E6	45.345	41.638
5)	MB Aldrin	5.010	4.067	165.9E6	143.9E6	47.150	44.240
6)	B beta-BHC	4.300	3.761	80892279	72718024	42.965	50.849
7)	B delta-BHC	4.541	3.986	194.5E6	143.9E6	56.556	43.906
8)	B Heptachlo...	5.436	4.568	145.7E6	130.3E6	45.554m	43.917
9)	A Endosulfan I	5.816	4.935	139.1E6	117.2E6	46.359m	41.956
10)	B gamma-Chl...	5.691	4.817	150.8E6	131.6E6	47.460m	43.818
11)	B alpha-Chl...	5.769	4.879	156.6E6	130.3E6	48.787	43.393
12)	B 4,4'-DDE	5.949	5.069	133.7E6	114.4E6	48.496	47.116m
13)	MA Dieldrin	6.093	5.199	143.3E6	124.7E6	47.636	44.167
14)	MA Endrin	6.320	5.474	120.5E6	105.5E6	44.854	41.571
15)	B Endosulfa...	6.543	5.771	113.1E6	108.0E6	42.104	43.670
16)	A 4,4'-DDD	6.465	5.625	111.7E6	96017543	51.382	49.925
17)	MA 4,4'-DDT	6.775	5.873	107.9E6	94668040	43.113	42.432
18)	B Endrin al...	6.673	5.951	93608795	84658158	46.557	42.811
19)	B Endosulfa...	6.907	6.173	119.2E6	107.7E6	46.476	43.974
20)	A Methoxychlor	7.257	6.453	57935058	53481770	43.811	42.054
21)	B Endrin ke...	7.386	6.676	124.9E6	120.9E6	48.973	44.701m
22)	Mirex	7.849	6.849	100.8E6	104.8E6	48.113	44.788

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052623\
Data File : PL083041.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 May 2023 12:40
Operator : AR\AJ
Sample : PB153081BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB153081BS

Manual Integrations

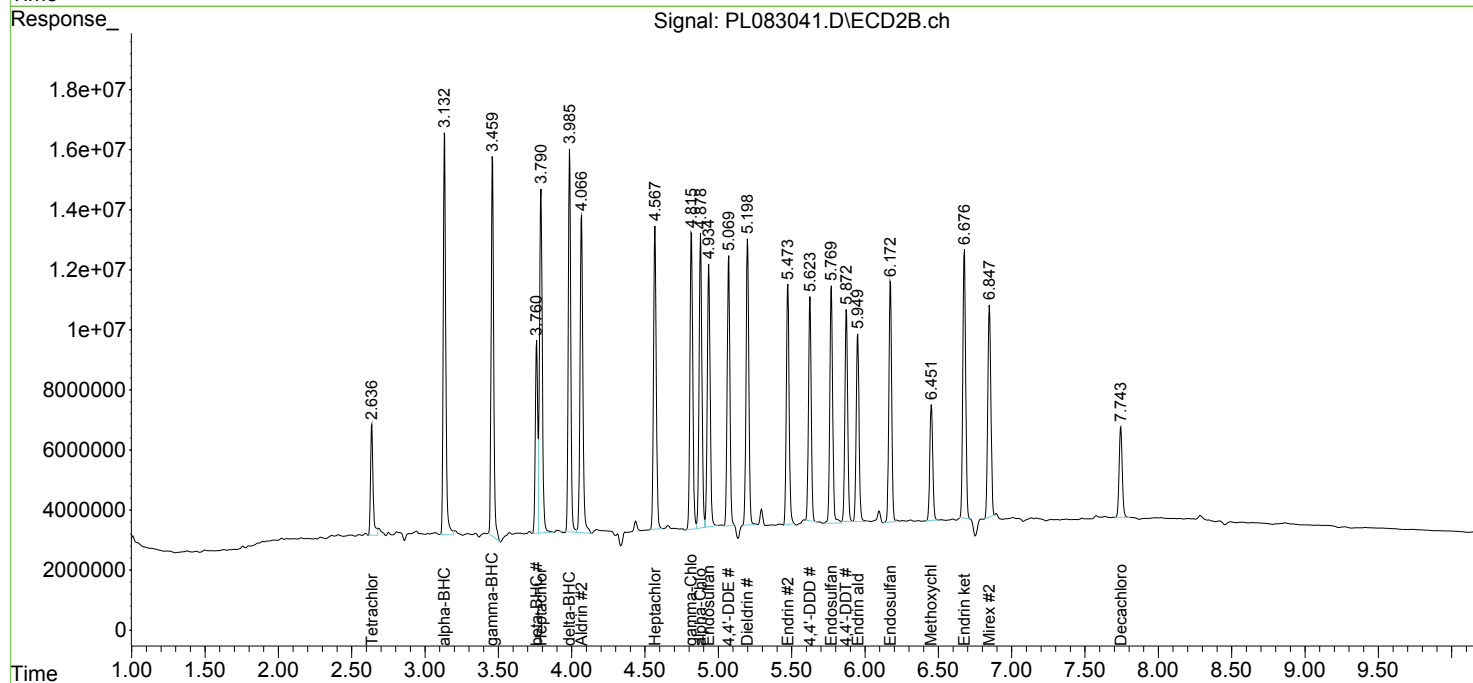
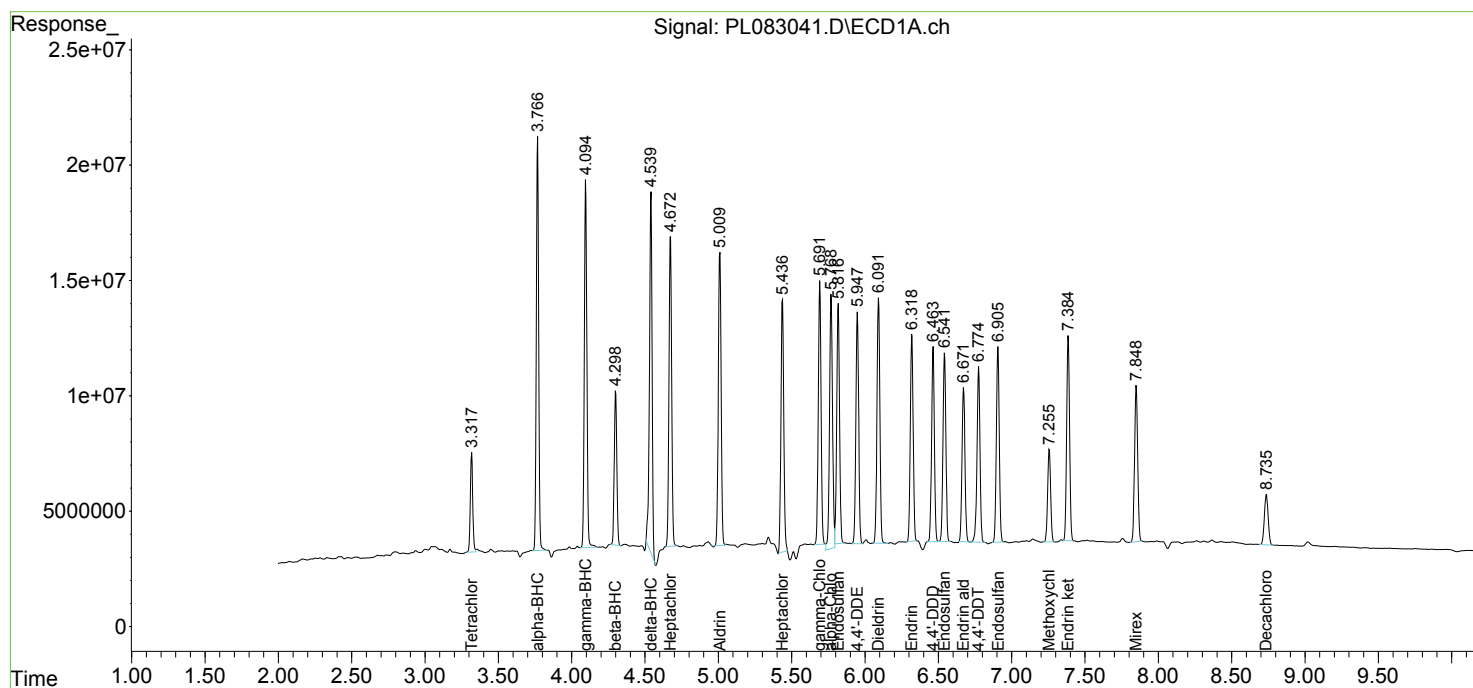
APPROVED

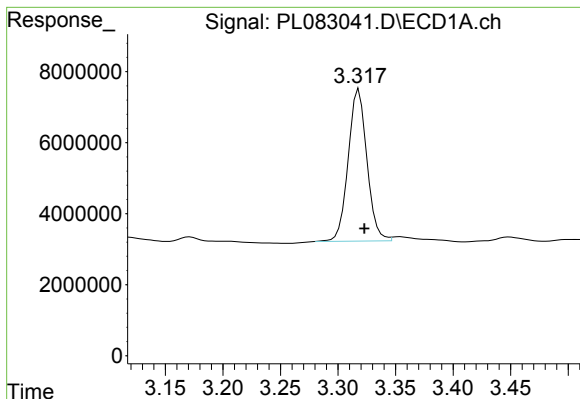
Reviewed By :Abdul Mirza 05/30/2023

Supervised By :Ankita Jodhani 05/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 26 21:39:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





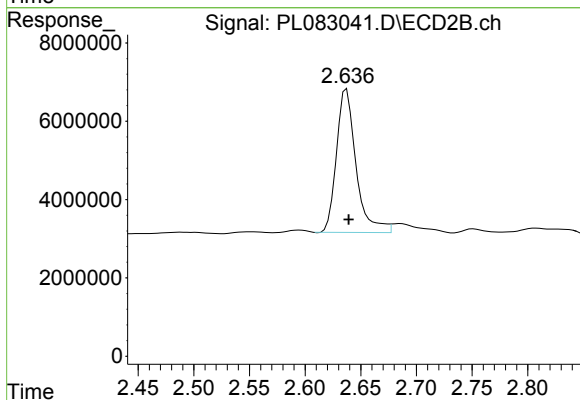
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 48671052
Conc: 16.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153081BS

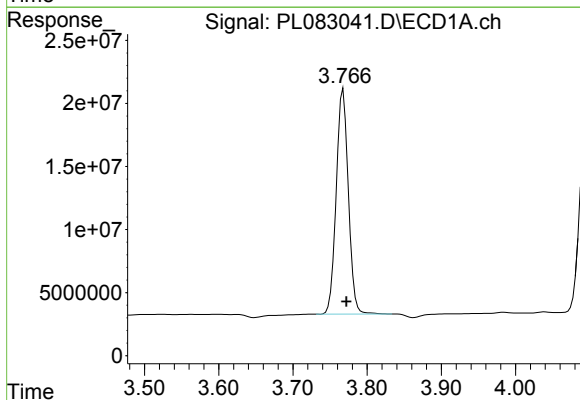
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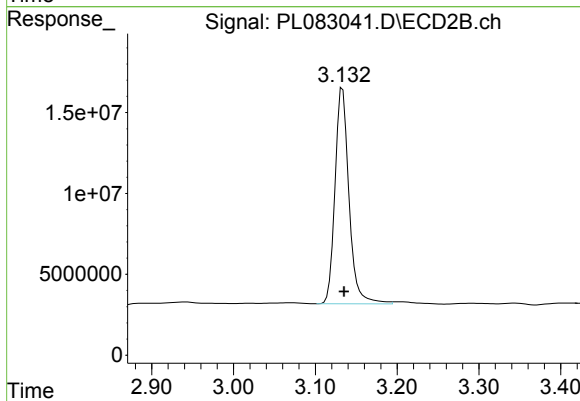
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.002 min
Response: 44789479
Conc: 17.25 ng/ml



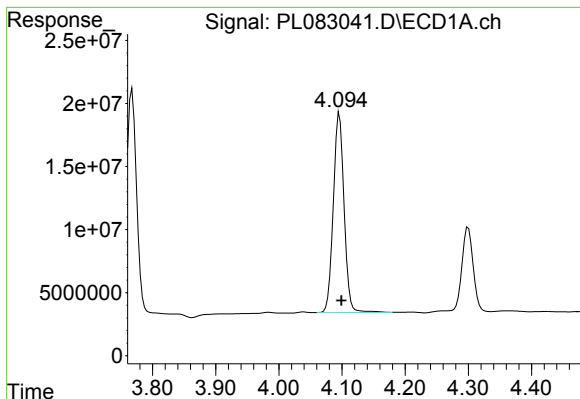
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 203252894
Conc: 45.79 ng/ml



#2 alpha-BHC

R.T.: 3.133 min
Delta R.T.: -0.002 min
Response: 158831432
Conc: 42.57 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 187949150
Conc: 45.37 ng/ml

Instrument :

ECD_L

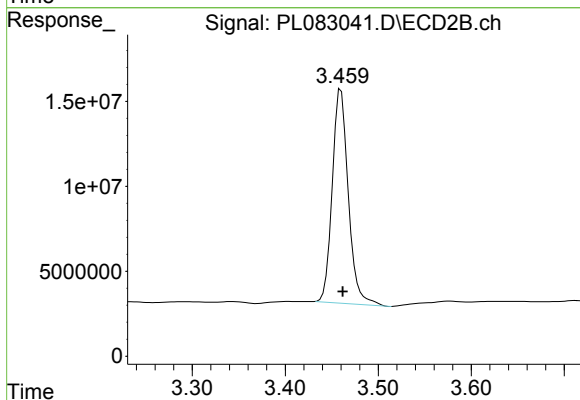
ClientSampleId :

PB153081BS

Manual Integrations

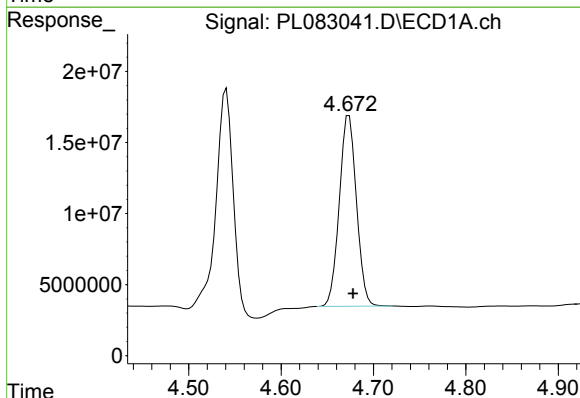
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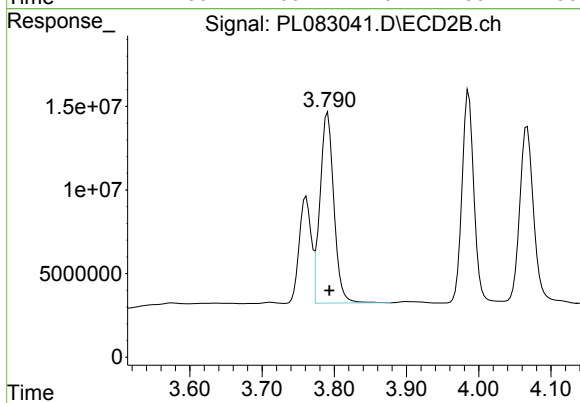
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: -0.002 min
Response: 151453239
Conc: 45.44 ng/ml



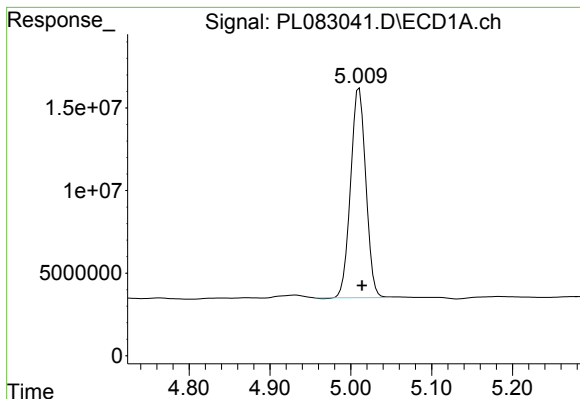
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.004 min
Response: 173328175
Conc: 45.34 ng/ml



#4 Heptachlor

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 152441772
Conc: 41.64 ng/ml



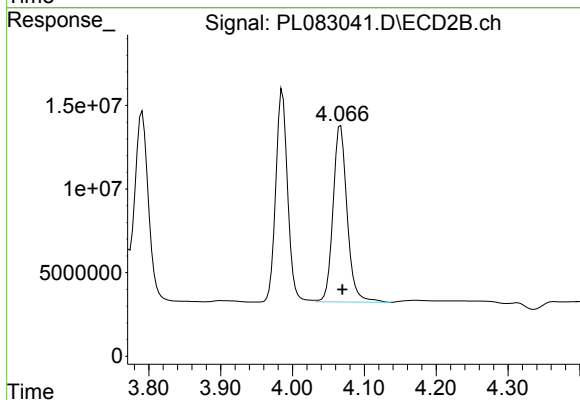
#5 Aldrin

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 165880771
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153081BS

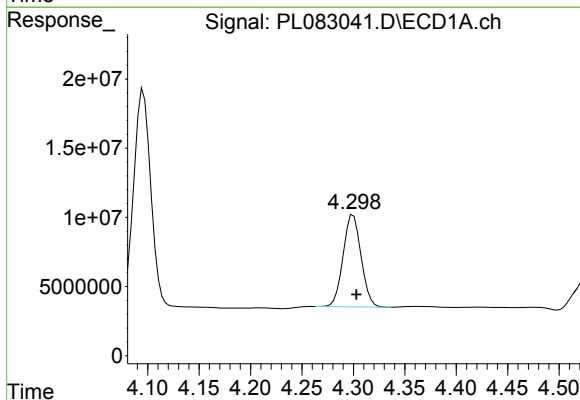
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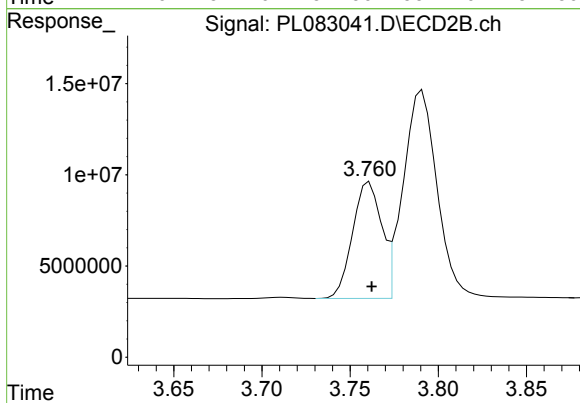
#5 Aldrin

R.T.: 4.067 min
Delta R.T.: -0.003 min
Response: 143941279
Conc: 44.24 ng/ml



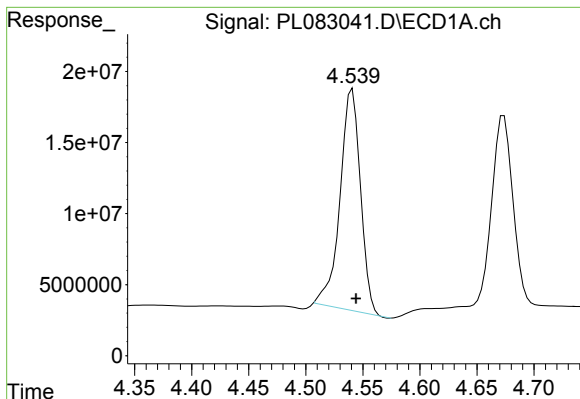
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 80892279
Conc: 42.97 ng/ml



#6 beta-BHC

R.T.: 3.761 min
Delta R.T.: -0.001 min
Response: 72718024
Conc: 50.85 ng/ml



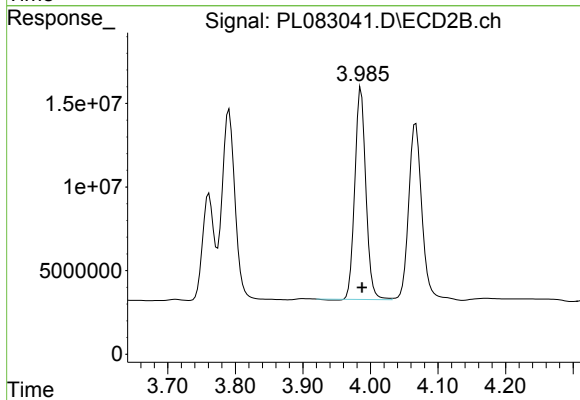
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 194491206
Conc: 56.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153081BS

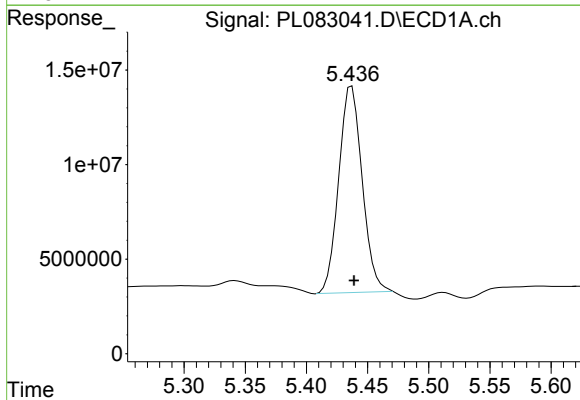
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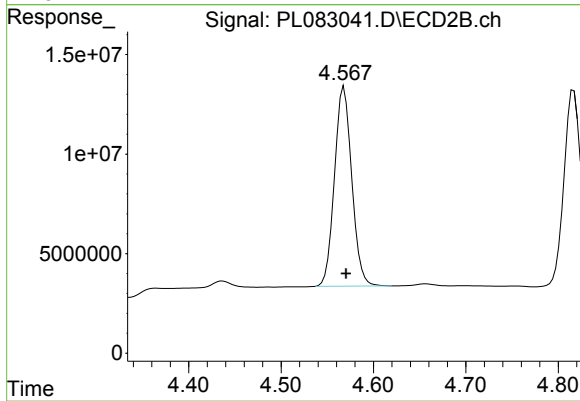
#7 delta-BHC

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 143855218
Conc: 43.91 ng/ml



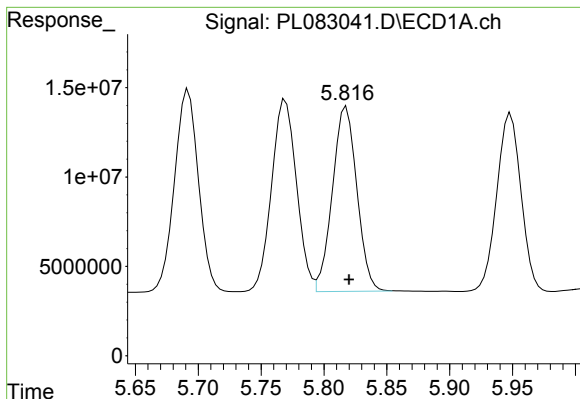
#8 Heptachlor epoxide

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 145715200
Conc: 45.55 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.568 min
Delta R.T.: -0.002 min
Response: 130342242
Conc: 43.92 ng/ml



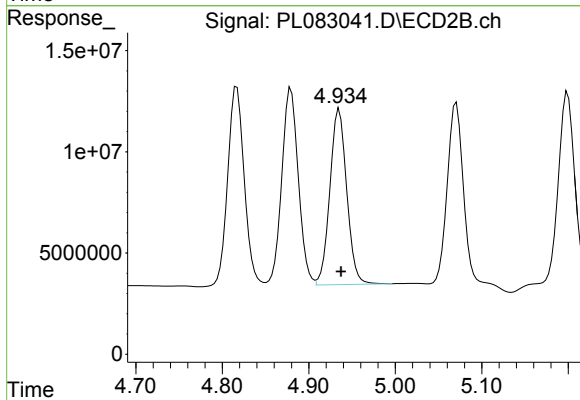
#9 Endosulfan I

R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 139102900
Conc: 46.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153081BS

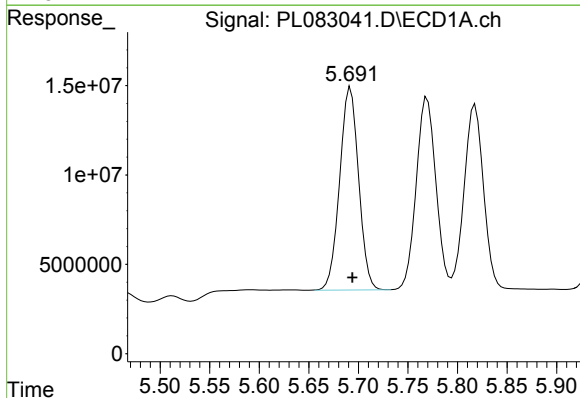
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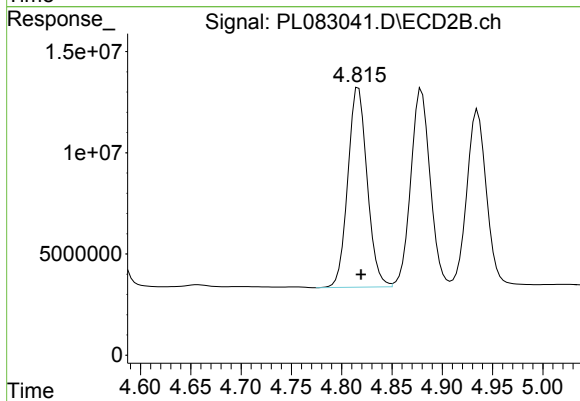
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 117239342
Conc: 41.96 ng/ml



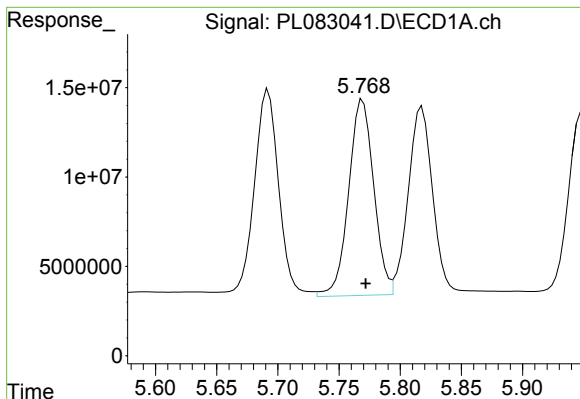
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 150777804
Conc: 47.46 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 131602541
Conc: 43.82 ng/ml



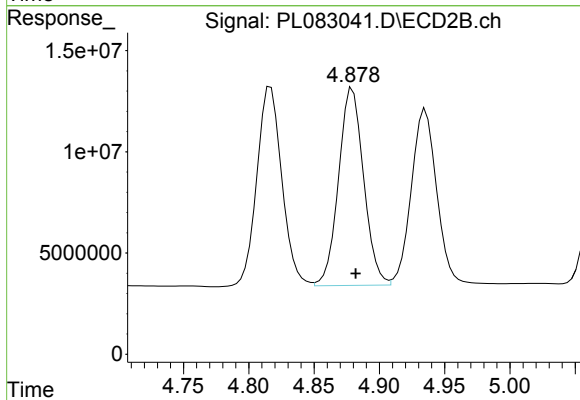
#11 alpha-Chlordane

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 156573597
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153081BS

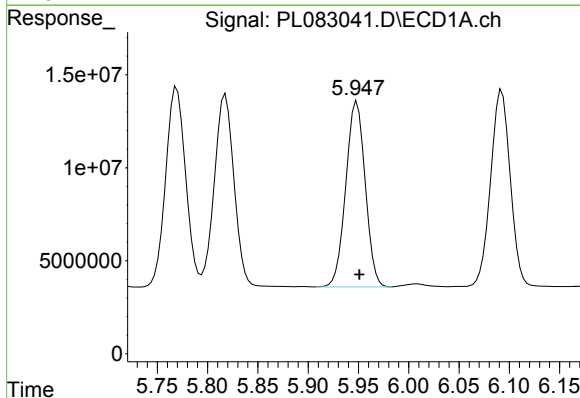
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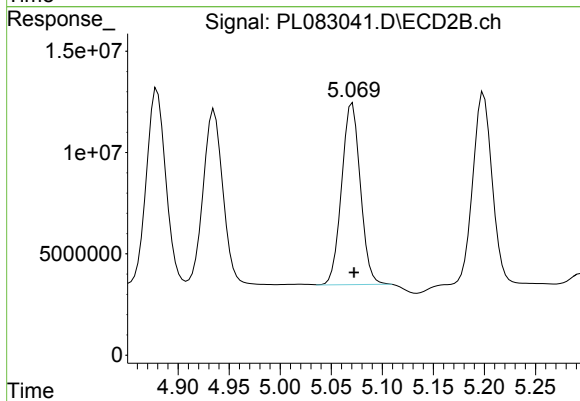
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.002 min
Response: 130263899
Conc: 43.39 ng/ml



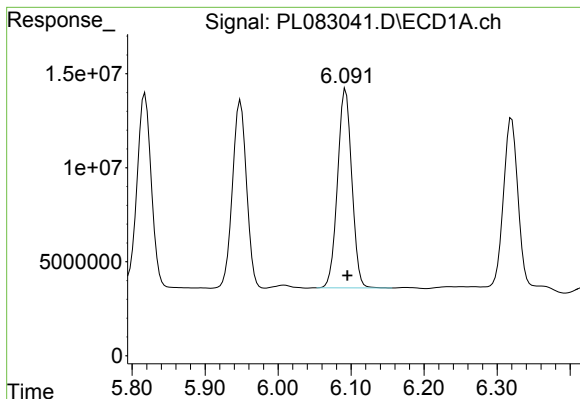
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 133679394
Conc: 48.50 ng/ml



#12 4,4'-DDE

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 114433214
Conc: 47.12 ng/ml m



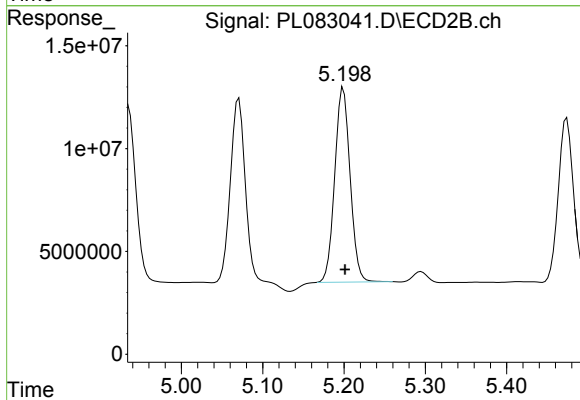
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 143282139
Conc: 47.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153081BS

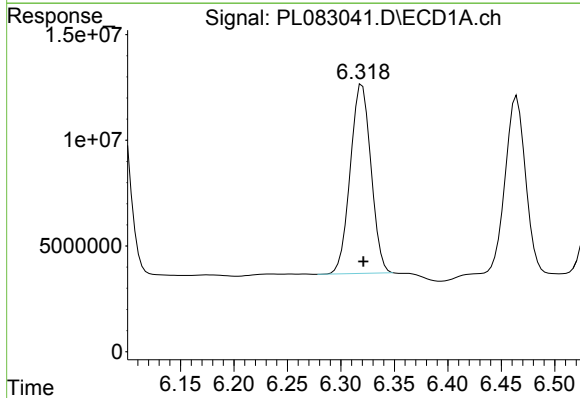
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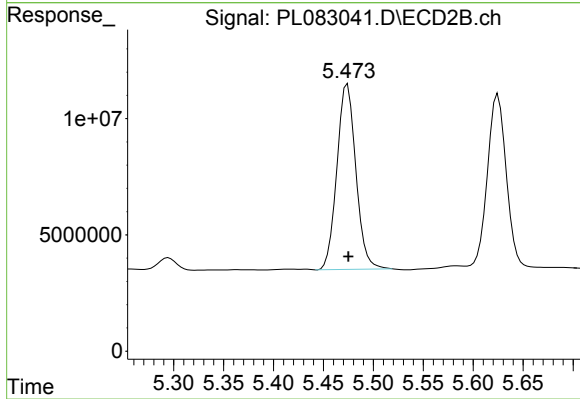
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 124678854
Conc: 44.17 ng/ml



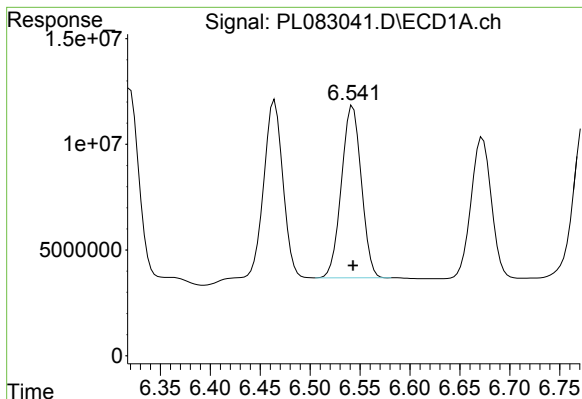
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.001 min
Response: 120534587
Conc: 44.85 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 105463310
Conc: 41.57 ng/ml



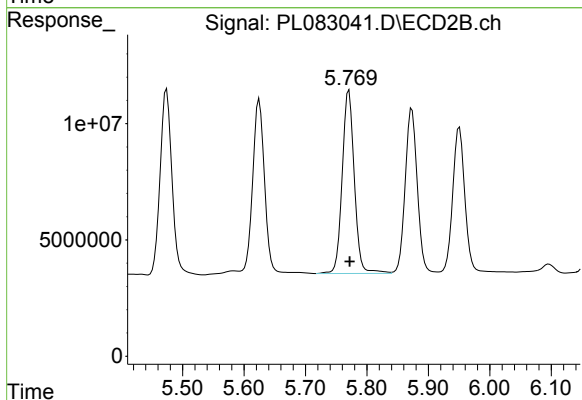
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 113121050
Conc: 42.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153081BS

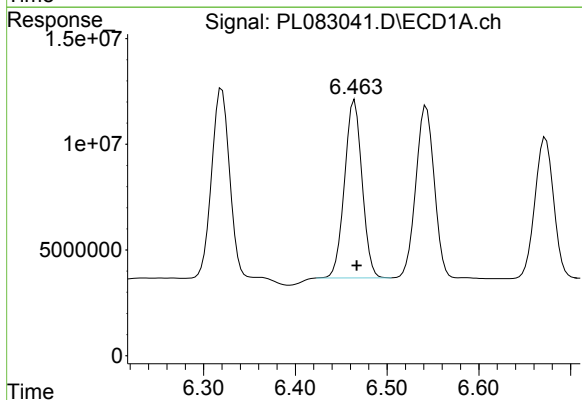
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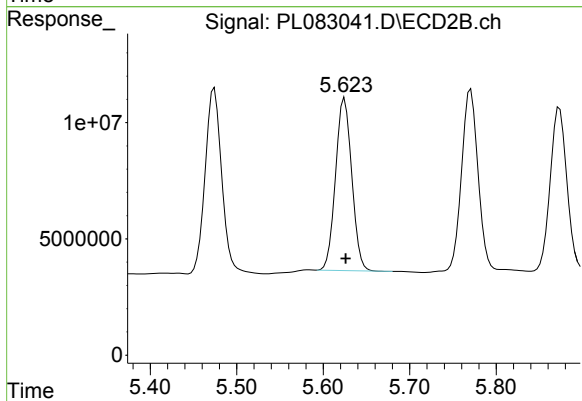
#15 Endosulfan II

R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 108048941
Conc: 43.67 ng/ml



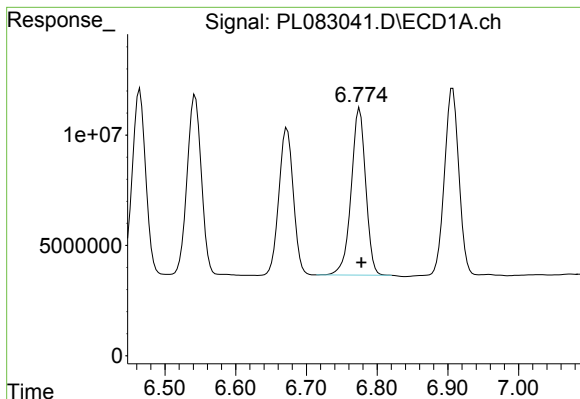
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 111655329
Conc: 51.38 ng/ml



#16 4,4'-DDD

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 96017543
Conc: 49.93 ng/ml



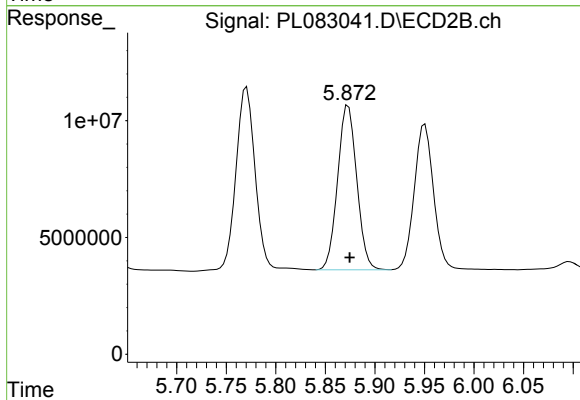
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 107920343
Conc: 43.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153081BS

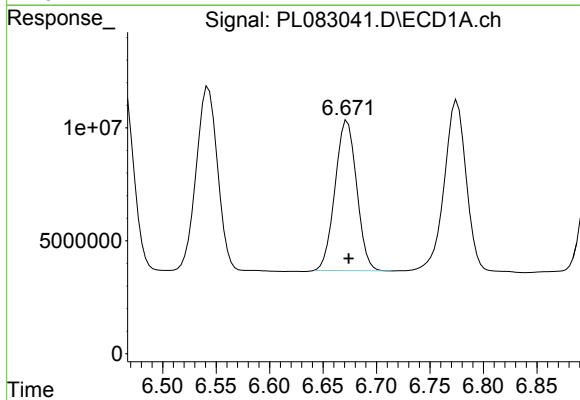
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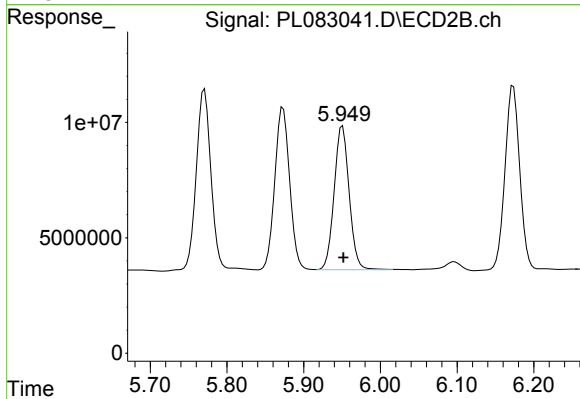
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.001 min
Response: 94668040
Conc: 42.43 ng/ml



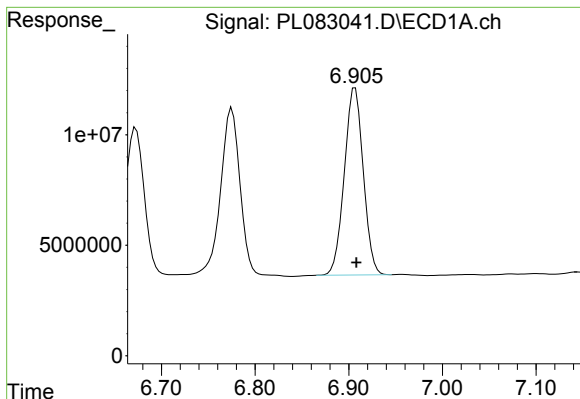
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 93608795
Conc: 46.56 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 84658158
Conc: 42.81 ng/ml



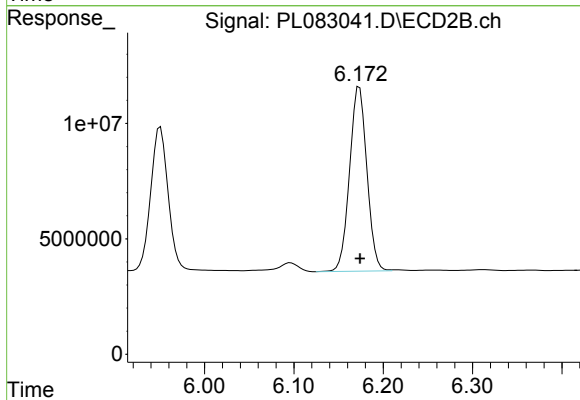
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.001 min
Response: 119151925
Conc: 46.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153081BS

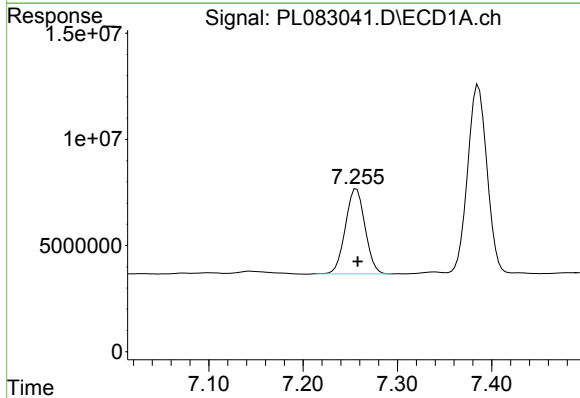
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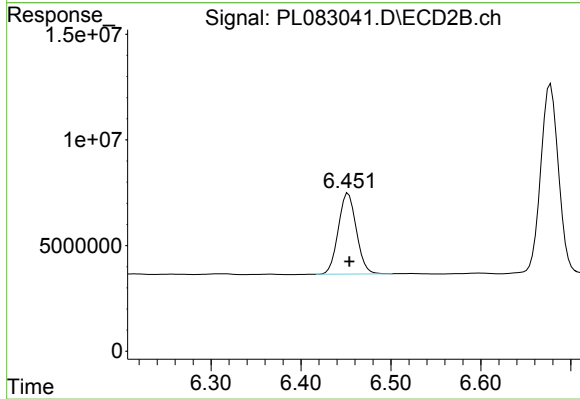
#19 Endosulfan Sulfate

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 107691140
Conc: 43.97 ng/ml



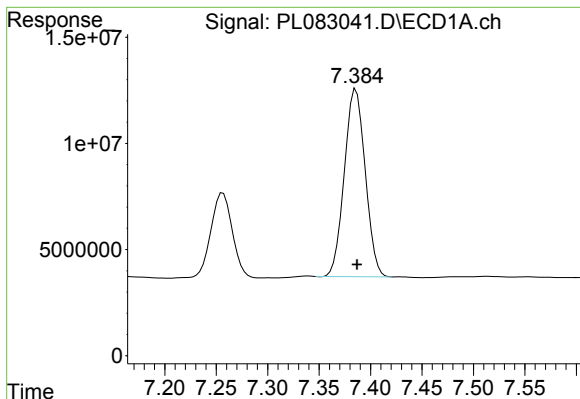
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.001 min
Response: 57935058
Conc: 43.81 ng/ml



#20 Methoxychlor

R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 53481770
Conc: 42.05 ng/ml



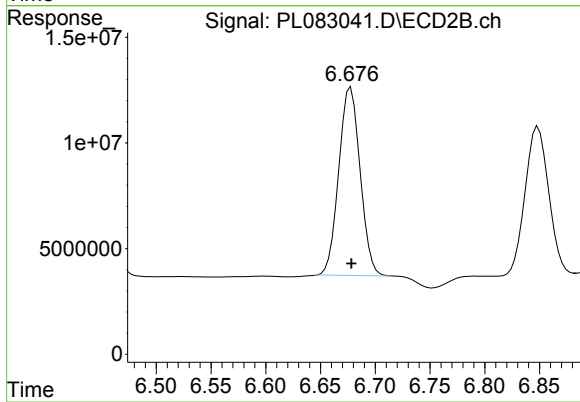
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.001 min
Response: 124920730
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153081BS

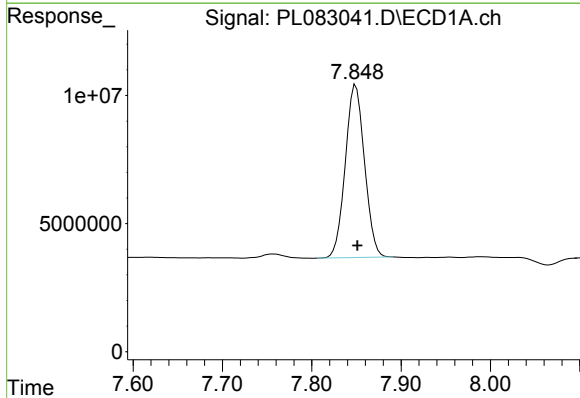
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/30/2023
Supervised By :Ankita Jodhani 05/30/2023



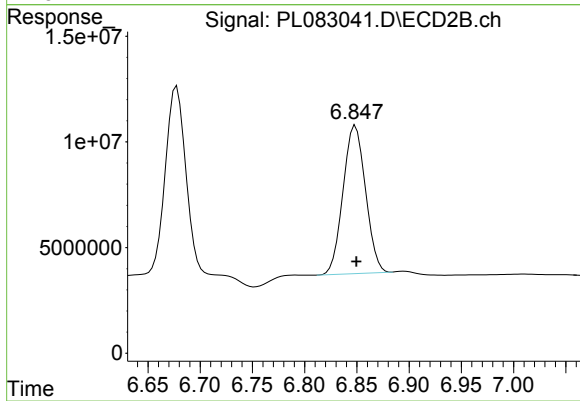
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 120865216
Conc: 44.70 ng/ml m



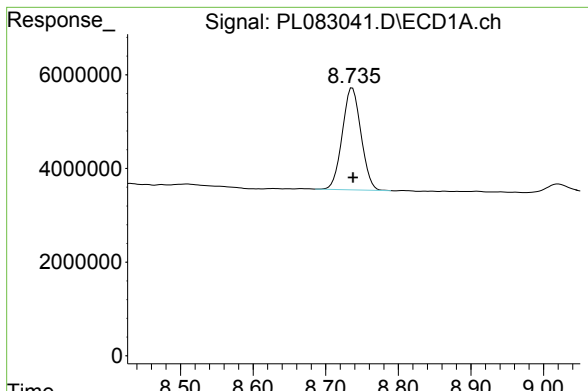
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.002 min
Response: 100845694
Conc: 48.11 ng/ml



#22 Mirex

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 104797372
Conc: 44.79 ng/ml



#28 Decachlorobiphenyl

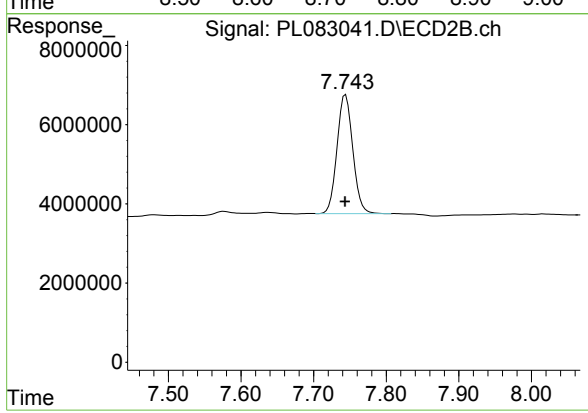
R.T.: 8.737 min
Delta R.T.: -0.001 min
Response: 38966889
Conc: 18.58 ng/ml

Instrument :
ECD_L

ClientSampleId :
PB153081BS

Manual Integrations
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Supervised By :Ankita Jodhani 05/30/2023



#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 45352428
Conc: 18.24 ng/ml