

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
 Data File : PL082527.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2023 20:05
 Operator : AR\AJ
 Sample : 02604-01MSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TF-1MSD

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 21:28:24 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	51182602	43050049	19.161	18.582
28)	SA Decachlor...	8.739	7.752	35899072	40769035	18.804	17.862
Target Compounds							
2)	A alpha-BHC	3.769	3.140	179.5E6	147.4E6	45.109	43.310
3)	MA gamma-BHC...	4.098	3.468	177.1E6	146.9E6	47.363	45.690
4)	MA Heptachlor	4.676	3.799	167.4E6	147.6E6	45.804	43.122
5)	MB Aldrin	5.013	4.076	160.2E6	149.3E6	48.585	47.412
6)	B beta-BHC	4.301	3.767	76970143	59224282	45.131	43.407
7)	B delta-BHC	4.542	3.994	133.7E6	112.0E6	37.161	36.509
8)	B Heptachlo...	5.439	4.577	146.4E6	134.5E6	48.007	46.685
9)	A Endosulfan I	5.819	4.944	130.3E6	124.5E6	46.977	46.625
10)	B gamma-Chl...	5.693	4.826	149.6E6	133.9E6	49.761	46.140
11)	B alpha-Chl...	5.772	4.889	141.6E6	135.3E6	47.448	46.620
12)	B 4,4'-DDE	5.950	5.079	125.9E6	113.4E6	49.530	49.324
13)	MA Dieldrin	6.093	5.208	137.0E6	130.2E6	49.659	48.197
14)	MA Endrin	6.321	5.482	117.7E6	115.3E6	48.564	47.147
15)	B Endosulfa...	6.543	5.779	115.3E6	115.3E6	47.378	51.163
16)	A 4,4'-DDD	6.466	5.634	100.7E6	92947341	49.698	49.694
17)	MA 4,4'-DDT	6.777	5.882	105.1E6	103.7E6	45.957	49.100
18)	B Endrin al...	6.673	5.958	97853134	96580079	51.934	51.609
19)	B Endosulfa...	6.908	6.182	111.2E6	110.2E6	46.895	46.828
20)	A Methoxychlor	7.257	6.461	60279421	58979516	49.396	48.670
21)	B Endrin ke...	7.387	6.685	122.0E6	129.1E6	50.962	50.856m
22)	Mirex	7.851	6.856	92453467	107.6E6	47.259	46.706m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
Data File : PL082527.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 May 2023 20:05
Operator : AR\AJ
Sample : 02604-01MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

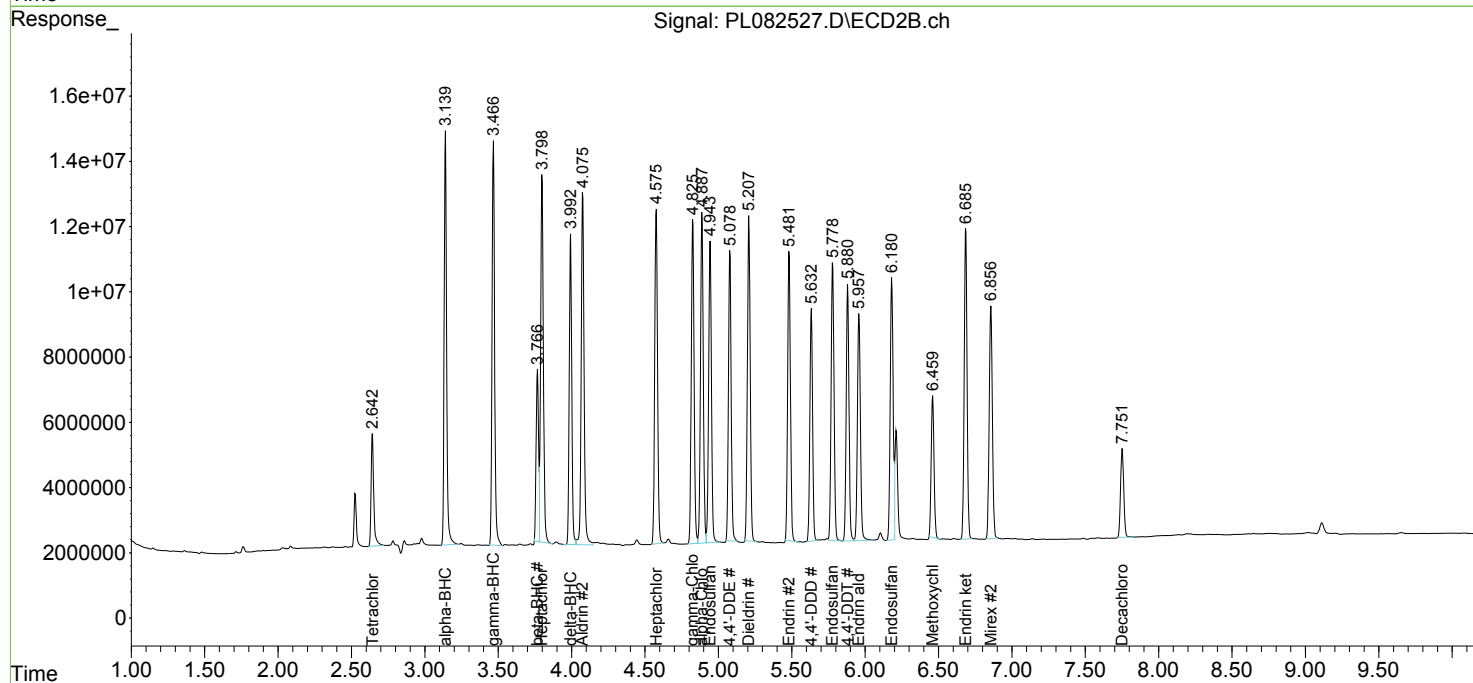
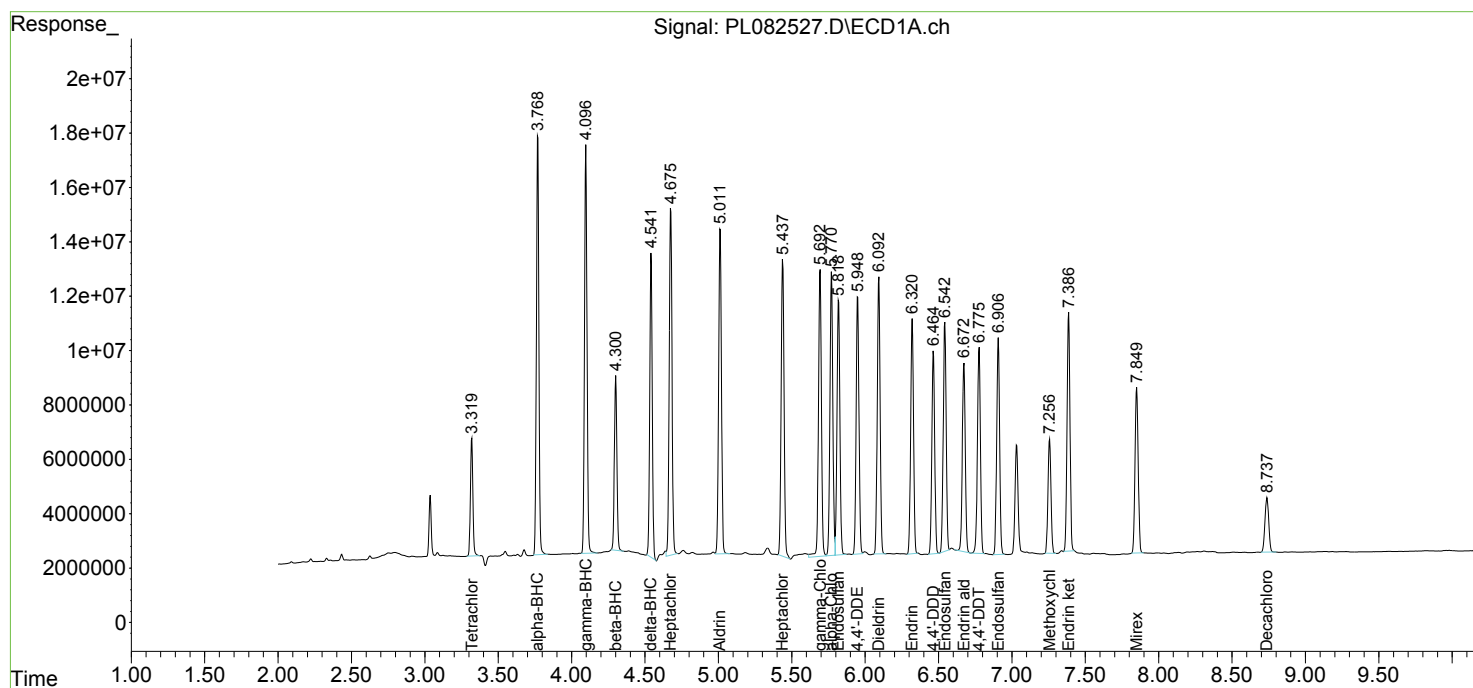
Instrument :
ECD_L
ClientSampleId :
TF-1MSD

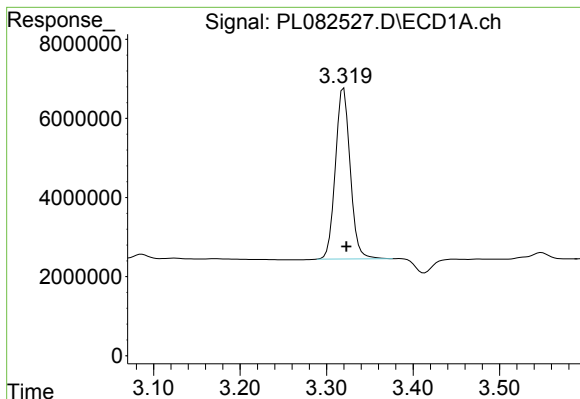
Manual Integrations
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Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 21:28:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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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





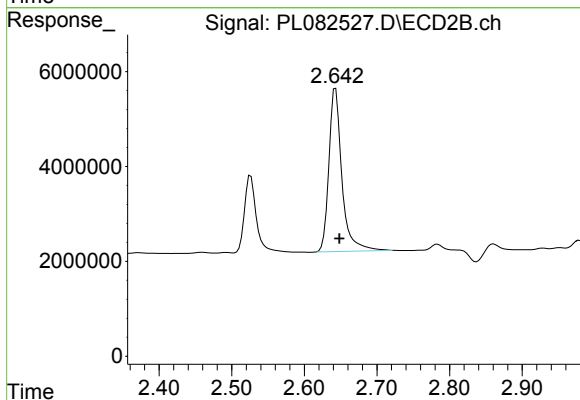
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 51182602
Conc: 19.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TF-1MSD

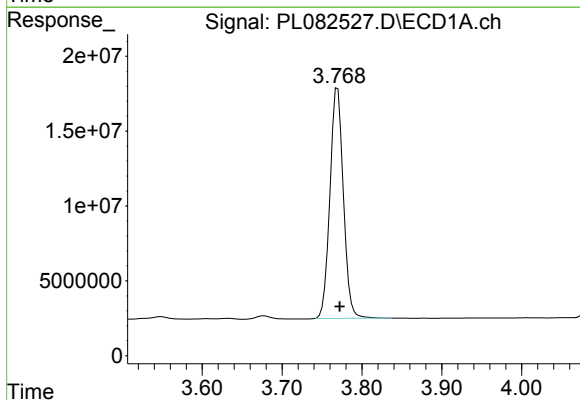
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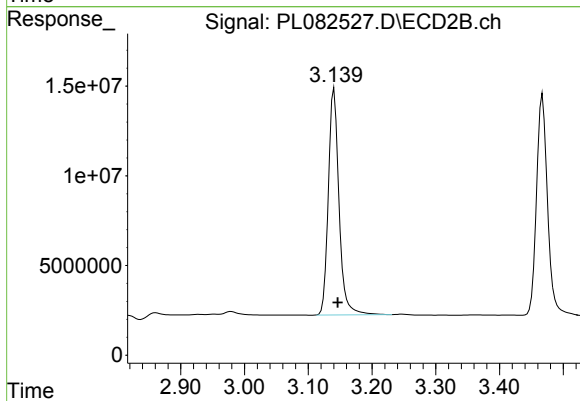
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.005 min
Response: 43050049
Conc: 18.58 ng/ml



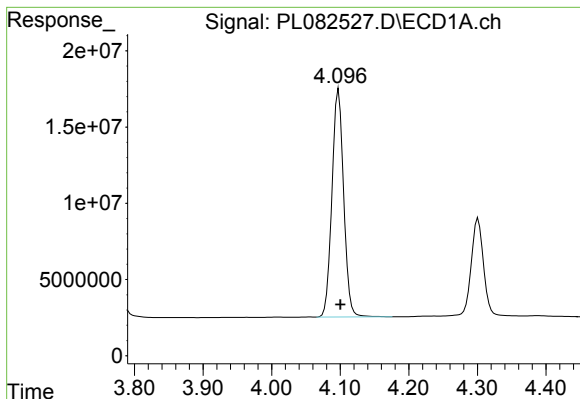
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 179545818
Conc: 45.11 ng/ml



#2 alpha-BHC

R.T.: 3.140 min
Delta R.T.: -0.006 min
Response: 147405065
Conc: 43.31 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.098 min
Delta R.T.: -0.003 min
Response: 177087323
Conc: 47.36 ng/ml

Instrument :

ECD_L

ClientSampleId :

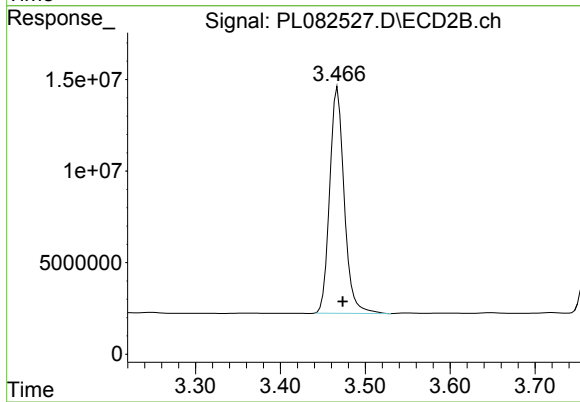
TF-1MSD

Manual Integrations

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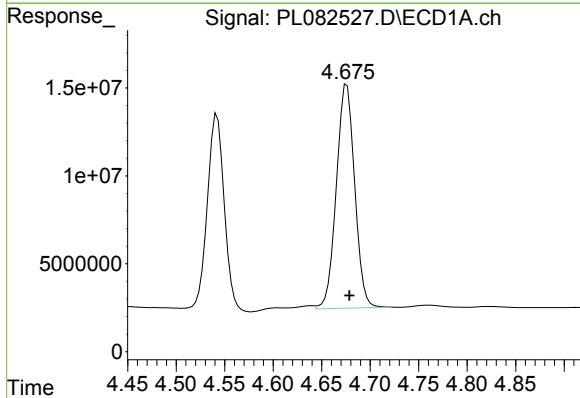
Reviewed By :Abdul Mirza 05/06/2023

Supervised By :Ankita Jodhani 05/08/2023



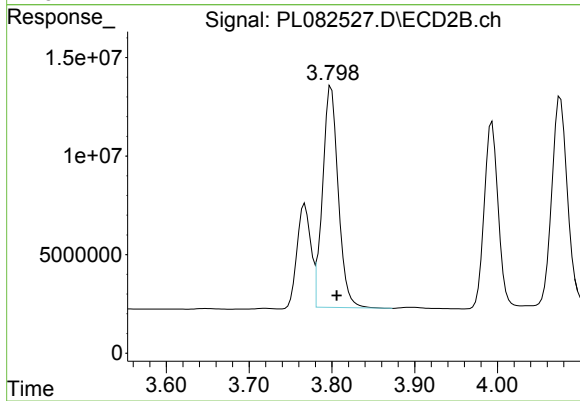
#3 gamma-BHC (Lindane)

R.T.: 3.468 min
Delta R.T.: -0.006 min
Response: 146906147
Conc: 45.69 ng/ml



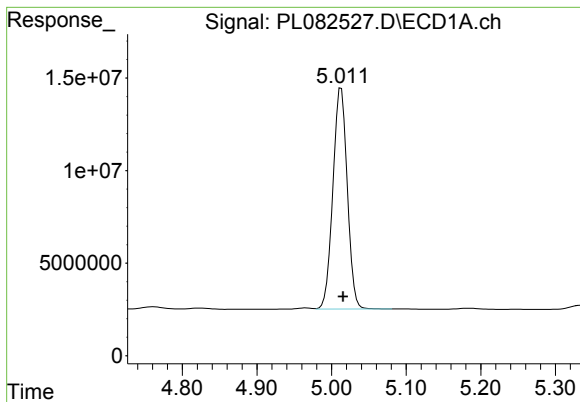
#4 Heptachlor

R.T.: 4.676 min
Delta R.T.: -0.003 min
Response: 167363213
Conc: 45.80 ng/ml



#4 Heptachlor

R.T.: 3.799 min
Delta R.T.: -0.007 min
Response: 147616732
Conc: 43.12 ng/ml



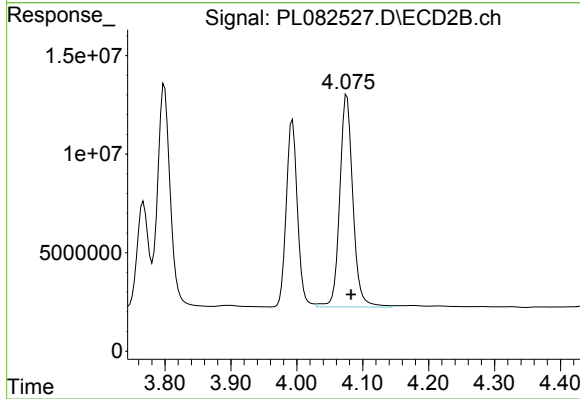
#5 Aldrin

R.T.: 5.013 min
Delta R.T.: -0.003 min
Response: 160213525
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TF-1MSD

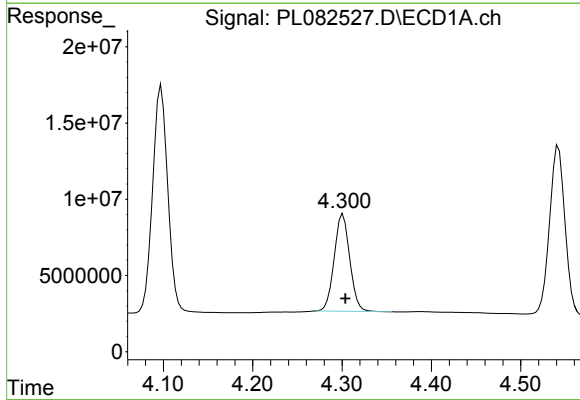
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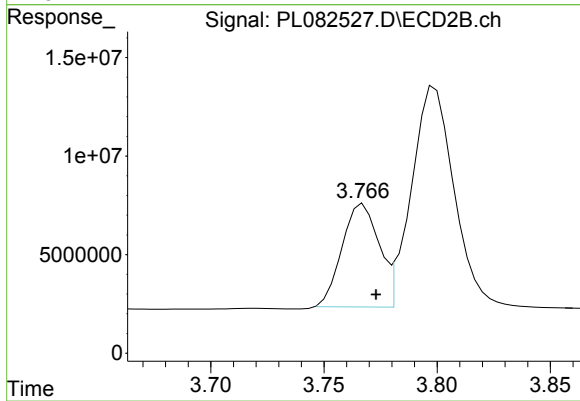
#5 Aldrin

R.T.: 4.076 min
Delta R.T.: -0.006 min
Response: 149341057
Conc: 47.41 ng/ml



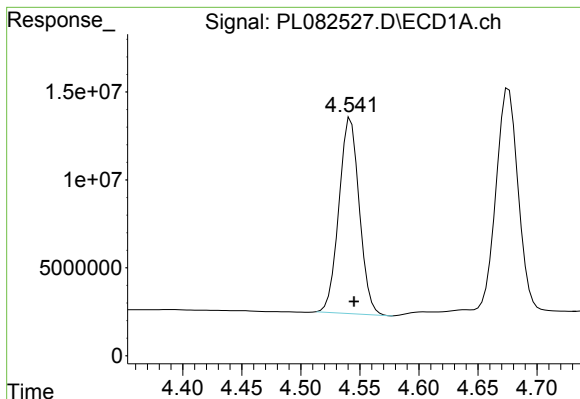
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 76970143
Conc: 45.13 ng/ml



#6 beta-BHC

R.T.: 3.767 min
Delta R.T.: -0.006 min
Response: 59224282
Conc: 43.41 ng/ml



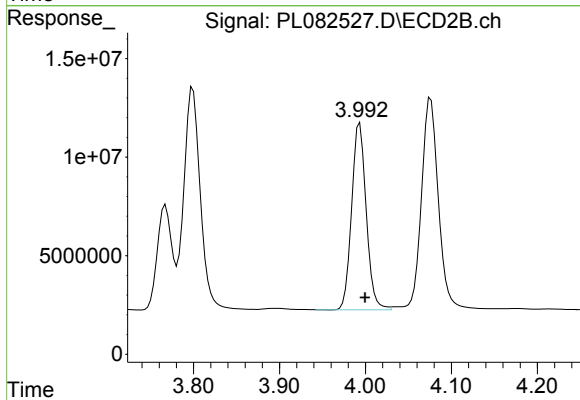
#7 delta-BHC

R.T.: 4.542 min
Delta R.T.: -0.003 min
Response: 133696385
Conc: 37.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TF-1MSD

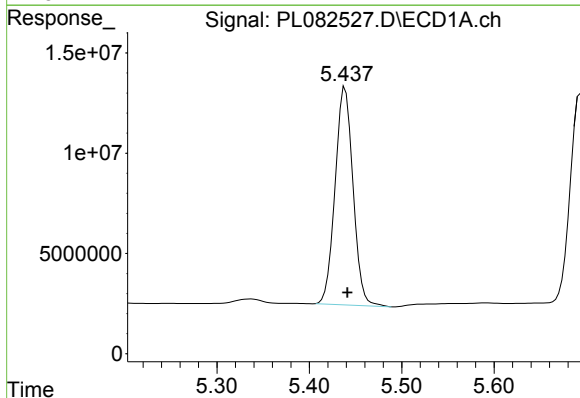
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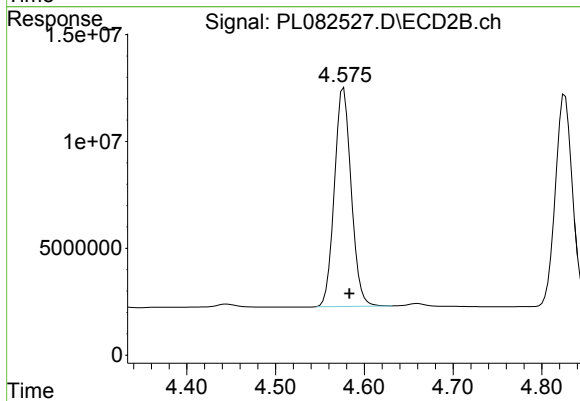
#7 delta-BHC

R.T.: 3.994 min
Delta R.T.: -0.006 min
Response: 111986017
Conc: 36.51 ng/ml



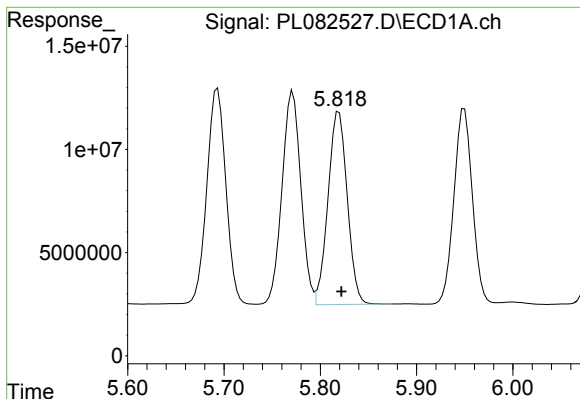
#8 Heptachlor epoxide

R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 146439163
Conc: 48.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.577 min
Delta R.T.: -0.007 min
Response: 134493249
Conc: 46.68 ng/ml



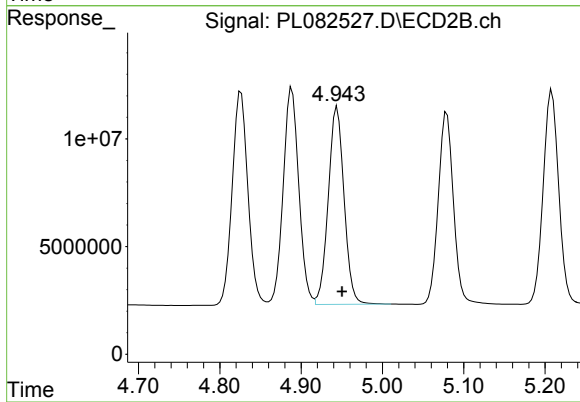
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 130254836
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
TF-1MSD

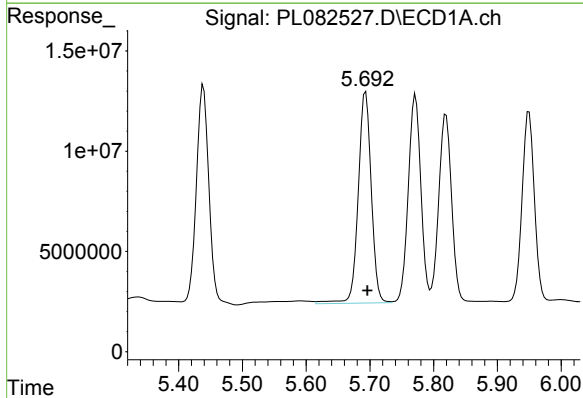
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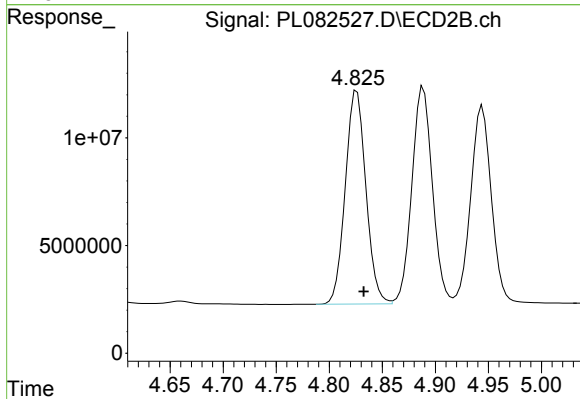
#9 Endosulfan I

R.T.: 4.944 min
Delta R.T.: -0.006 min
Response: 124462495
Conc: 46.62 ng/ml



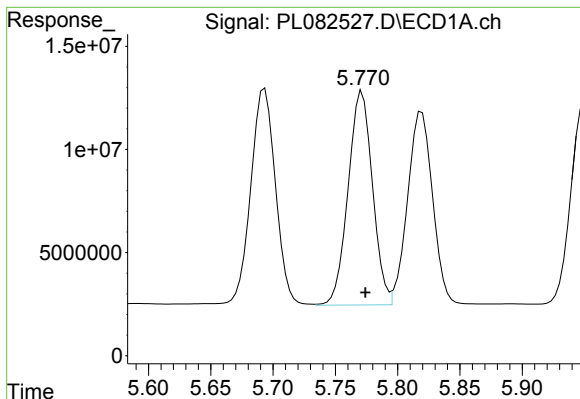
#10 gamma-Chlordane

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 149624882
Conc: 49.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.826 min
Delta R.T.: -0.007 min
Response: 133890269
Conc: 46.14 ng/ml



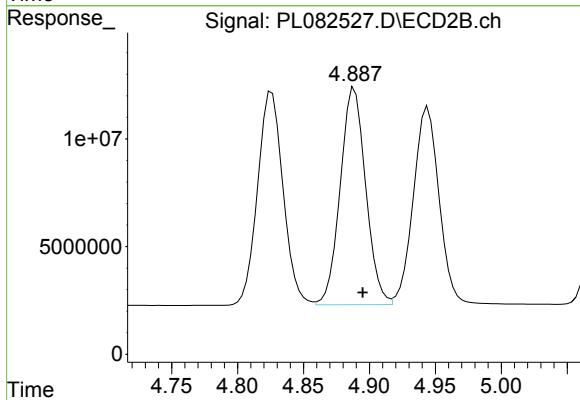
#11 alpha-Chlordane

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 141613827
Conc: 47.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TF-1MSD

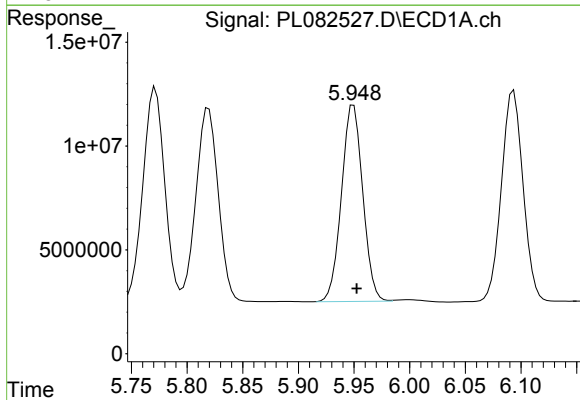
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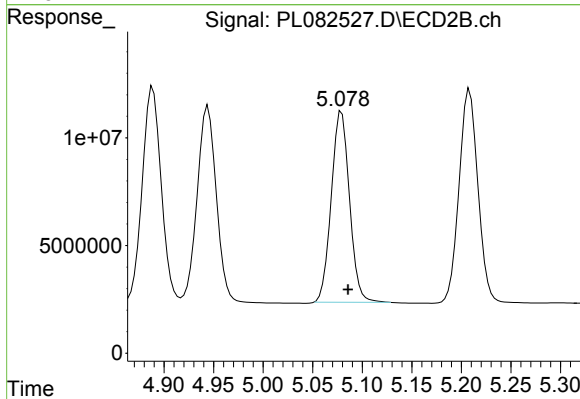
#11 alpha-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 135329305
Conc: 46.62 ng/ml



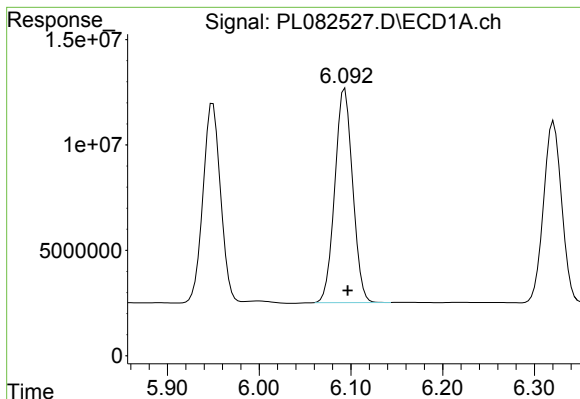
#12 4,4'-DDE

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 125906274
Conc: 49.53 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.006 min
Response: 113394904
Conc: 49.32 ng/ml



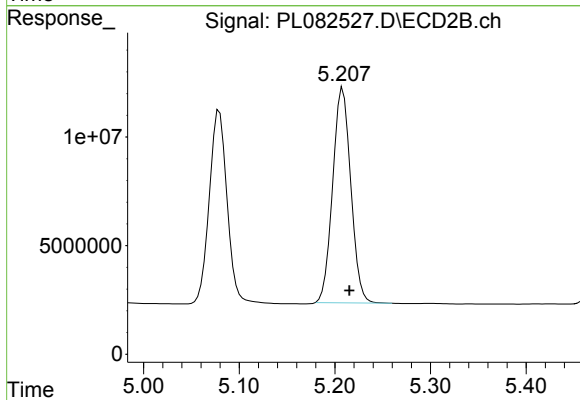
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 137015122
Conc: 49.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
TF-1MSD

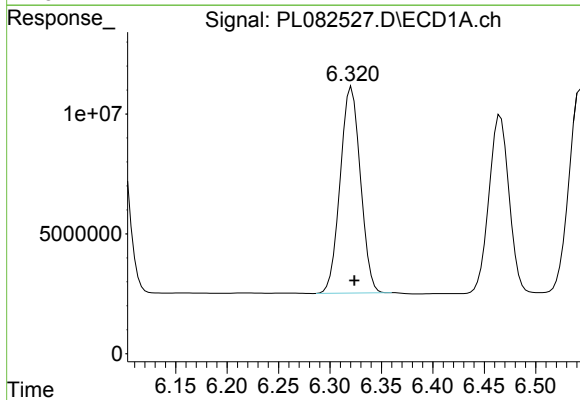
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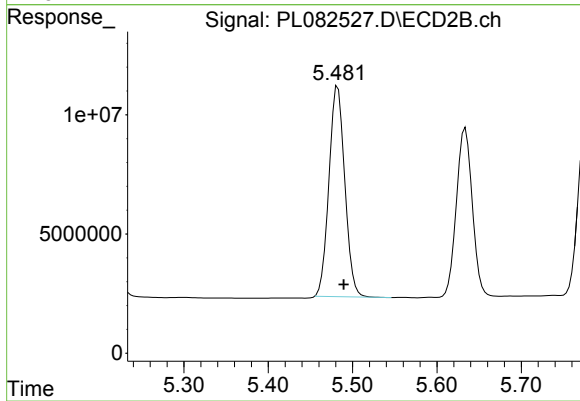
#13 Dieldrin

R.T.: 5.208 min
Delta R.T.: -0.007 min
Response: 130150303
Conc: 48.20 ng/ml



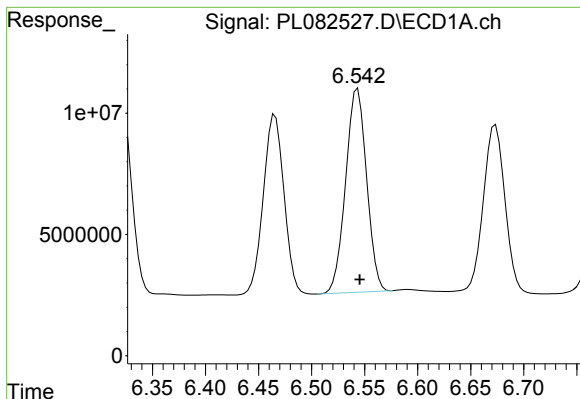
#14 Endrin

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 117746070
Conc: 48.56 ng/ml



#14 Endrin

R.T.: 5.482 min
Delta R.T.: -0.007 min
Response: 115319965
Conc: 47.15 ng/ml



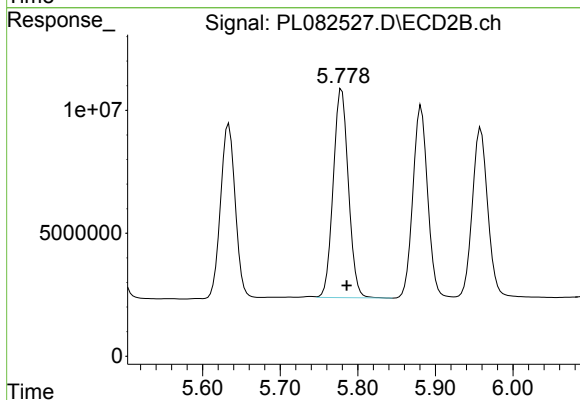
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 115344622
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TF-1MSD

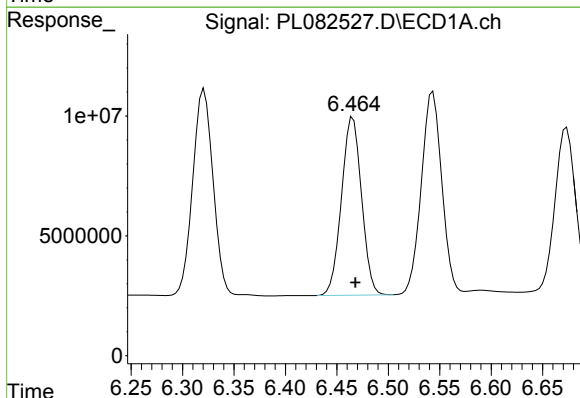
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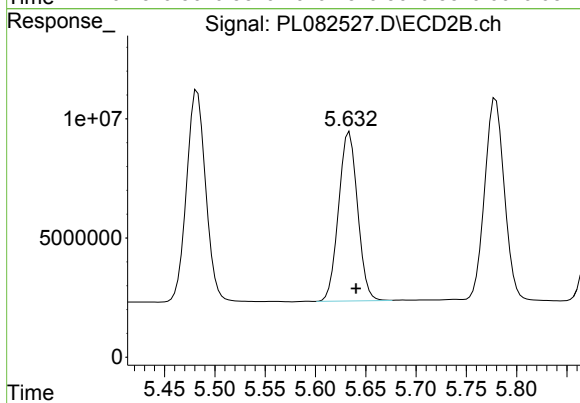
#15 Endosulfan II

R.T.: 5.779 min
Delta R.T.: -0.006 min
Response: 115326642
Conc: 51.16 ng/ml



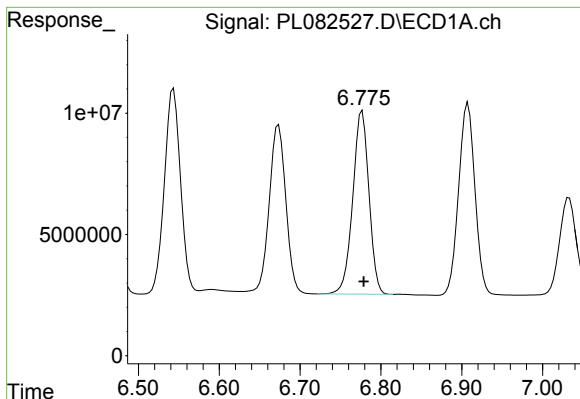
#16 4,4'-DDD

R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 100747576
Conc: 49.70 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.007 min
Response: 92947341
Conc: 49.69 ng/ml



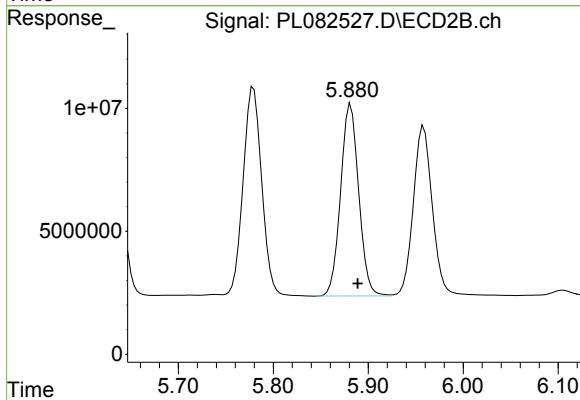
#17 4,4'-DDT

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 105136204
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TF-1MSD

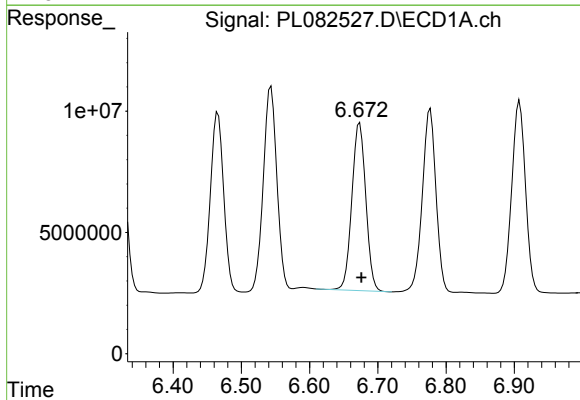
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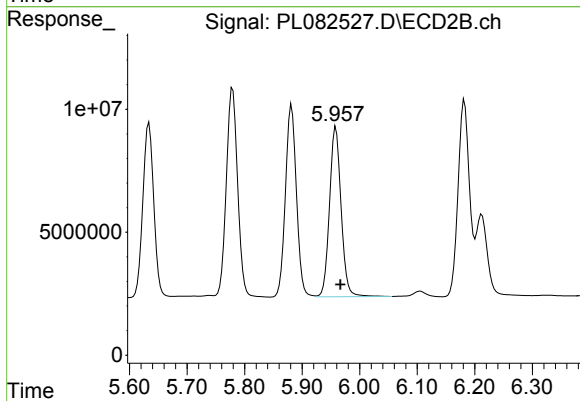
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.008 min
Response: 103729268
Conc: 49.10 ng/ml



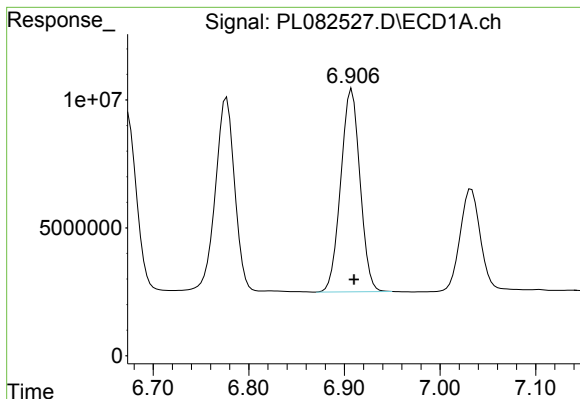
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 97853134
Conc: 51.93 ng/ml



#18 Endrin aldehyde

R.T.: 5.958 min
Delta R.T.: -0.008 min
Response: 96580079
Conc: 51.61 ng/ml



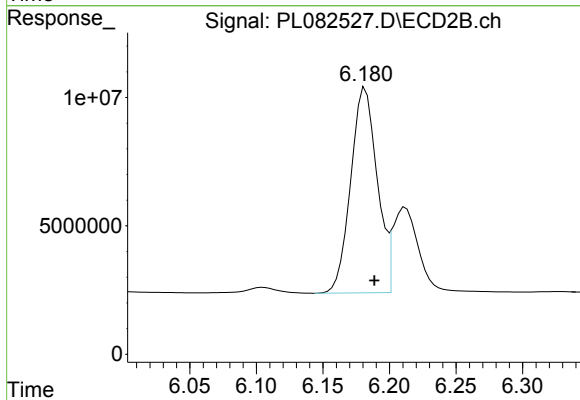
#19 Endosulfan Sulfate

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 111213418
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
TF-1MSD

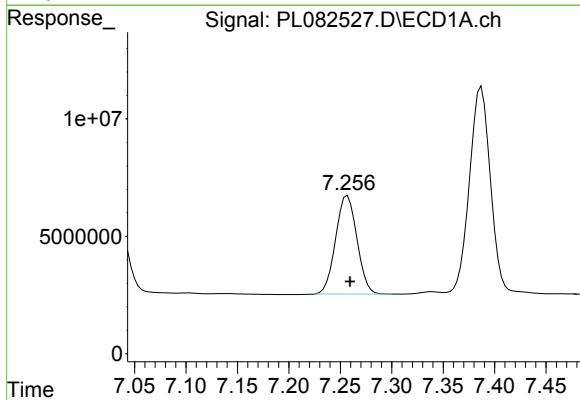
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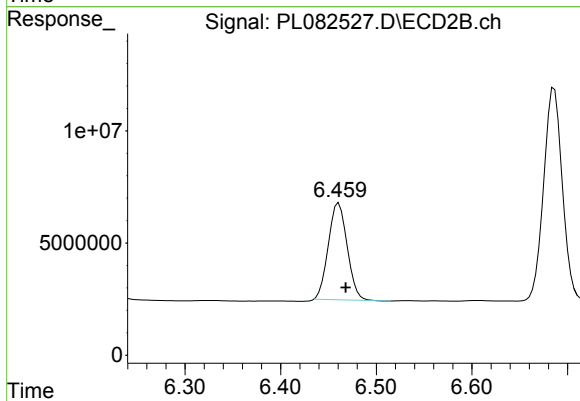
#19 Endosulfan Sulfate

R.T.: 6.182 min
Delta R.T.: -0.007 min
Response: 110245541
Conc: 46.83 ng/ml



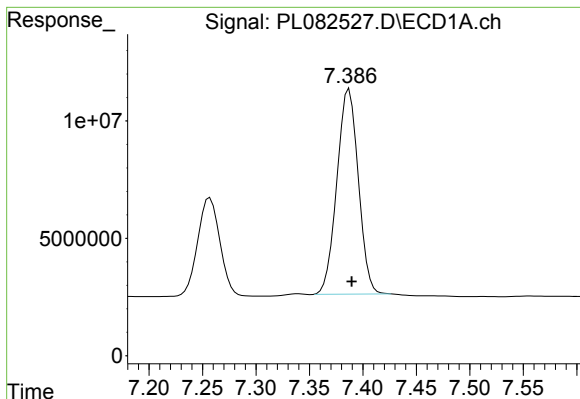
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 60279421
Conc: 49.40 ng/ml



#20 Methoxychlor

R.T.: 6.461 min
Delta R.T.: -0.007 min
Response: 58979516
Conc: 48.67 ng/ml



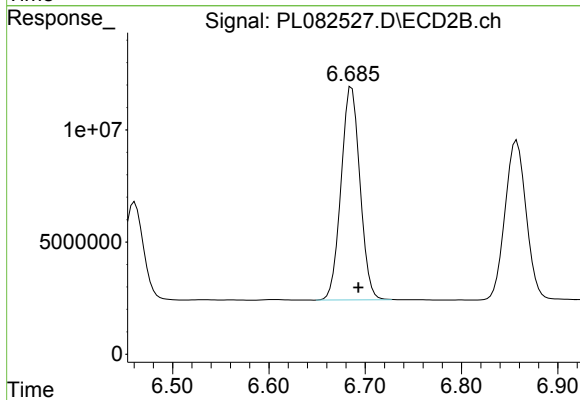
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 122024769
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TF-1MSD

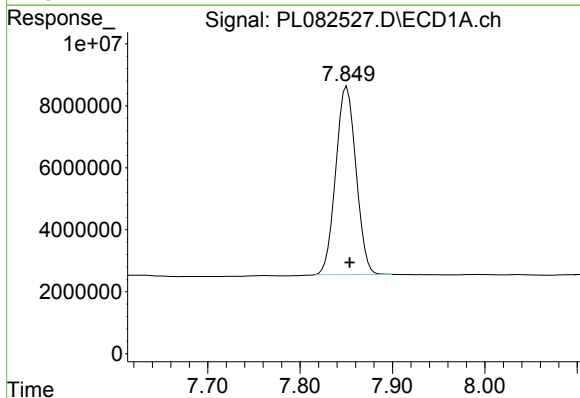
Manual Integrations
APPROVED

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



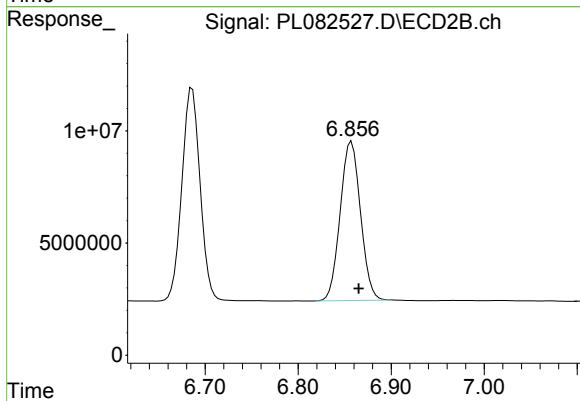
#21 Endrin ketone

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 129082290
Conc: 50.86 ng/ml m



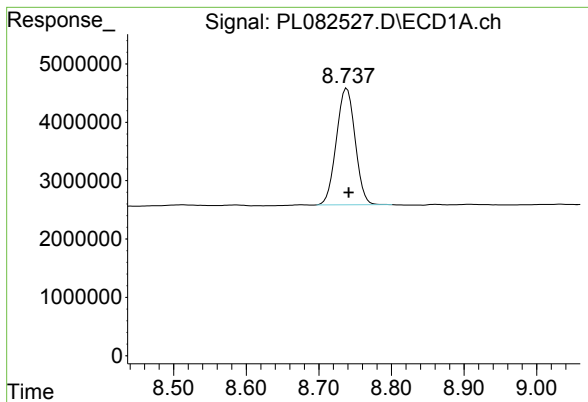
#22 Mirex

R.T.: 7.851 min
Delta R.T.: -0.003 min
Response: 92453467
Conc: 47.26 ng/ml



#22 Mirex

R.T.: 6.856 min
Delta R.T.: -0.009 min
Response: 107622407
Conc: 46.71 ng/ml m



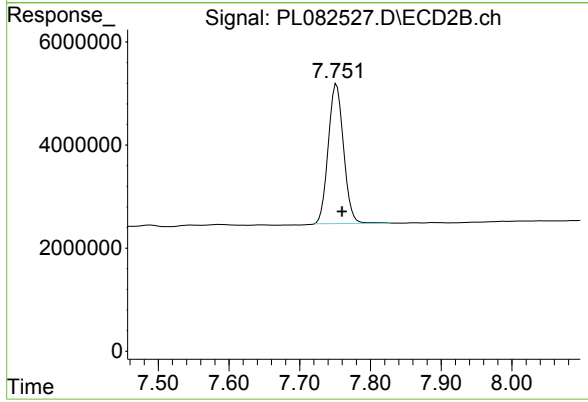
#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 35899072
Conc: 18.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TF-1MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 40769035
Conc: 17.86 ng/ml