

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022224\
 Data File : PL088218.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2024 15:28
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/23/2024
 Supervised By :Ankita Jodhani 02/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:59:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 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...	3.643	2.855	125.8E6	65091993	45.815	46.411
28)	SA Decachlor...	9.313	8.089	108.6E6	64682480	56.403	50.800
Target Compounds							
2)	A alpha-BHC	4.107	3.371	196.1E6	99271327	46.988	48.311
3)	MA gamma-BHC...	4.446	3.708	190.2E6	95481755	46.973	47.681
4)	MA Heptachlor	5.046	4.057	183.9E6	91249033	47.791	50.088
5)	MB Aldrin	5.393	4.343	178.3E6	92556258	46.693	47.723
6)	B beta-BHC	4.643	4.010	81247085	41552540	46.650	46.684
7)	B delta-BHC	4.894	4.245	190.8E6	97121658	50.144	48.688
8)	B Heptachlo...	5.825	4.853	165.4E6	82936601	47.198	47.809
9)	A Endosulfan I	6.215	5.230	146.5E6	75566848	46.799	46.963
10)	B gamma-Chl...	6.084	5.108	160.9E6	83887629	47.350	47.028
11)	B alpha-Chl...	6.165	5.174	160.7E6	84304637	47.092	47.323
12)	B 4,4'-DDE	6.339	5.366	144.6E6	76035021	47.692	47.839
13)	MA Dieldrin	6.495	5.499	156.5E6	82904113	47.582	48.050
14)	MA Endrin	6.728	5.778	133.5E6	73016716	51.336	48.836
15)	B Endosulfa...	6.948	6.076	136.7E6	71644624	47.728	47.029
16)	A 4,4'-DDD	6.862	5.928	120.9E6	66026255	46.601	48.328
17)	MA 4,4'-DDT	7.180	6.184	124.9E6	69075857	47.494	50.596
18)	B Endrin al...	7.079	6.259	104.3E6	55907262	50.430	51.189
19)	B Endosulfa...	7.315	6.484	129.2E6	69173420	49.599m	49.254
20)	A Methoxychlor	7.661	6.768	69001545	39930361	52.127	50.947
21)	B Endrin ke...	7.808	6.997	138.6E6	81493418	49.495	48.676
22)	Mirex	8.289	7.184	105.3E6	66034331	45.460	50.403

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

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Data File : PL088218.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2024 15:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

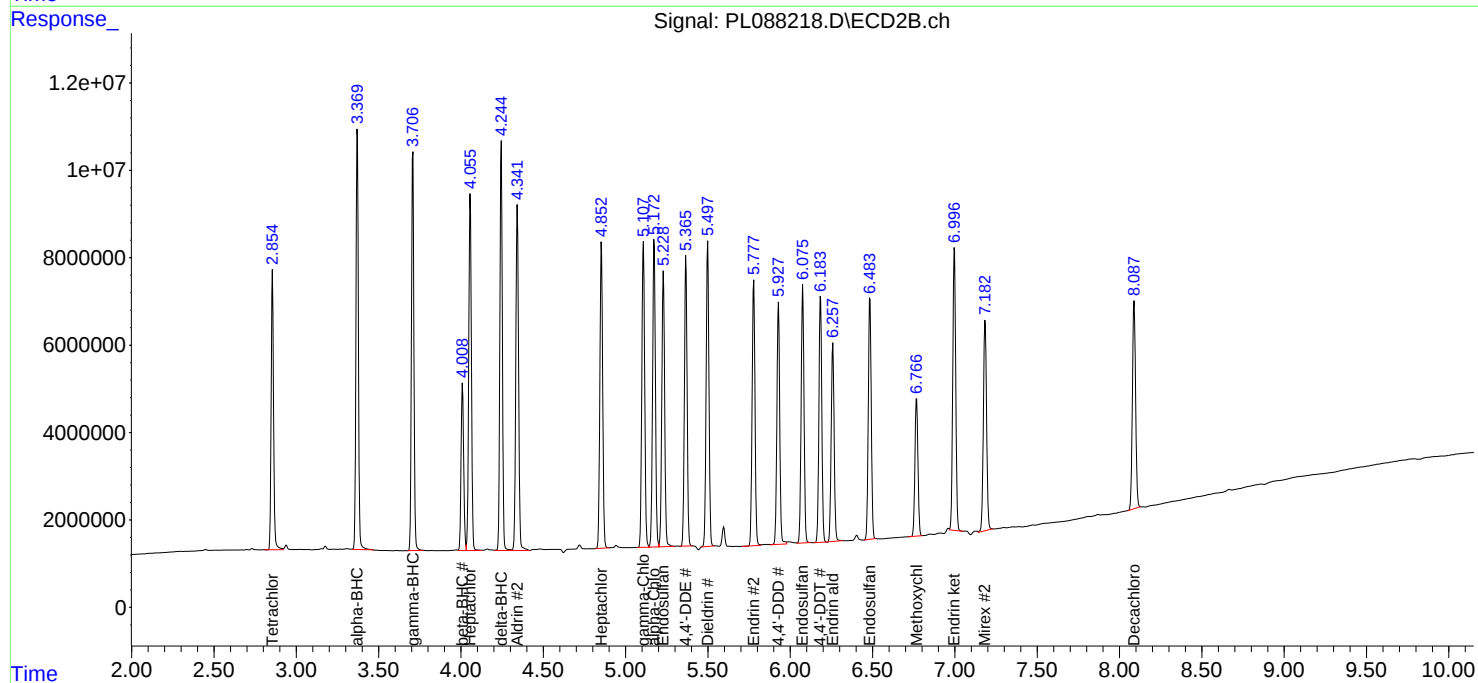
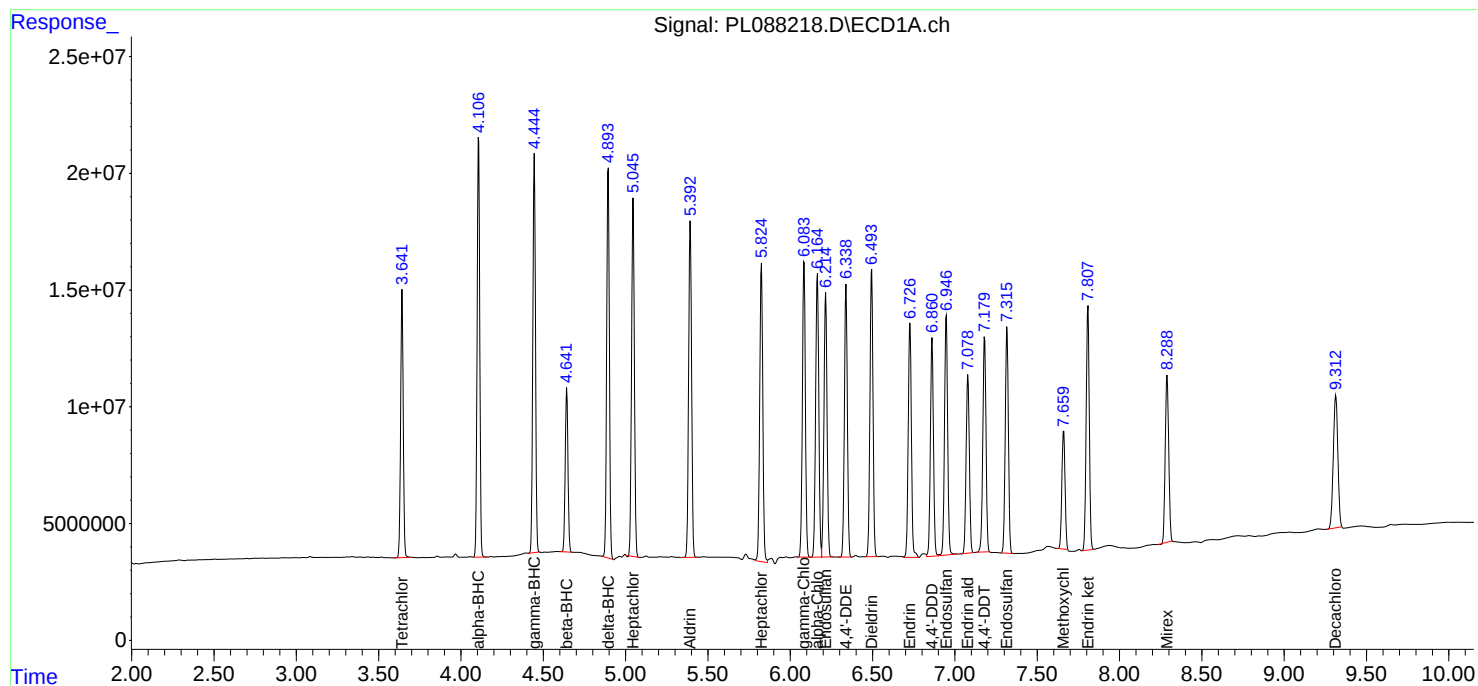
APPROVED

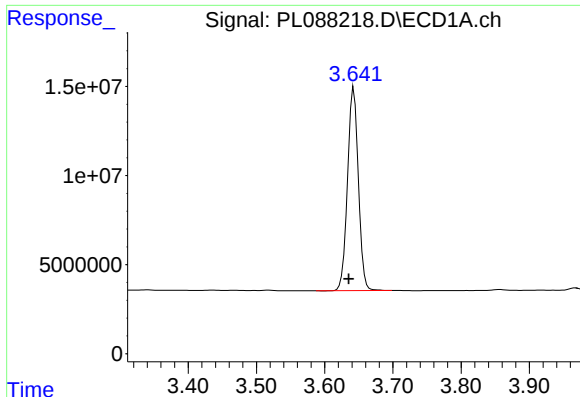
Reviewed By :Abdul Mirza 02/23/2024

Supervised By :Ankita Jodhani 02/23/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 20:59:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
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





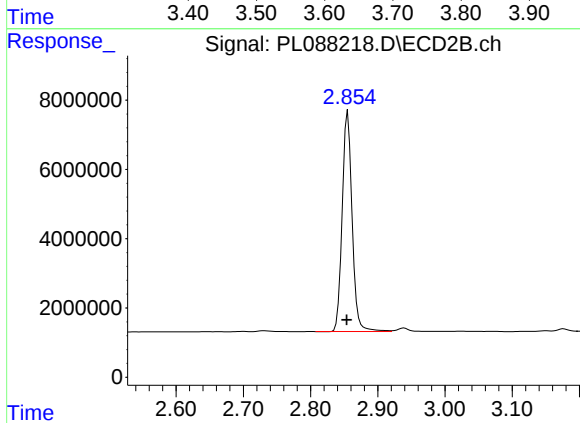
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: 0.008 min
Response: 125840129
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

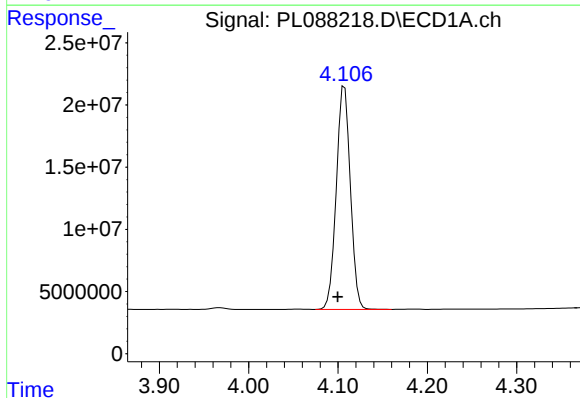
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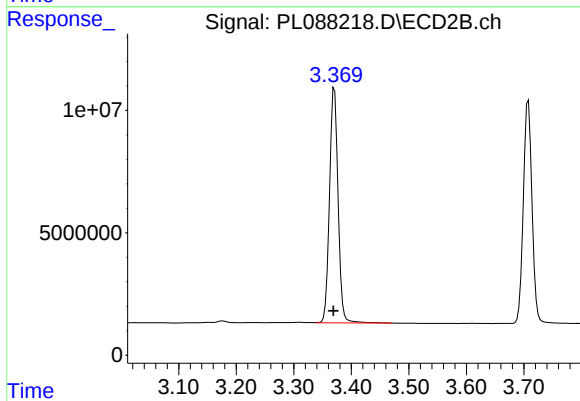
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: 0.001 min
Response: 65091993
Conc: 46.41 ng/ml



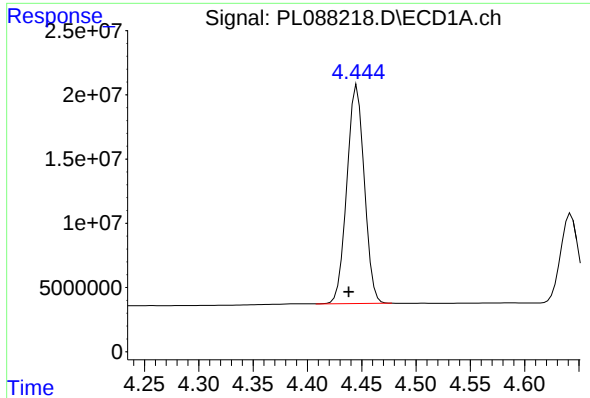
#2 alpha-BHC

R.T.: 4.107 min
Delta R.T.: 0.008 min
Response: 196140670
Conc: 46.99 ng/ml



#2 alpha-BHC

R.T.: 3.371 min
Delta R.T.: 0.002 min
Response: 99271327
Conc: 48.31 ng/ml



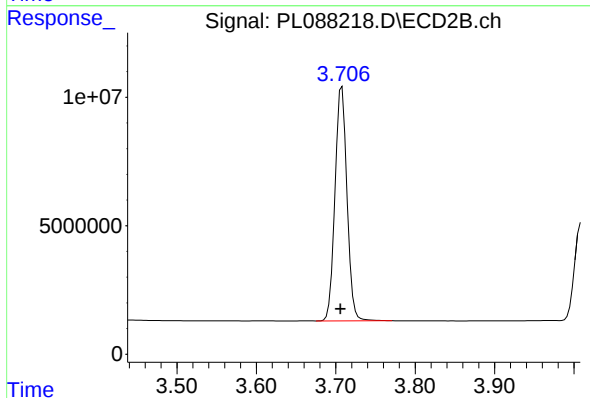
#3 gamma-BHC (Lindane)

R.T.: 4.446 min
Delta R.T.: 0.008 min
Response: 190217880
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

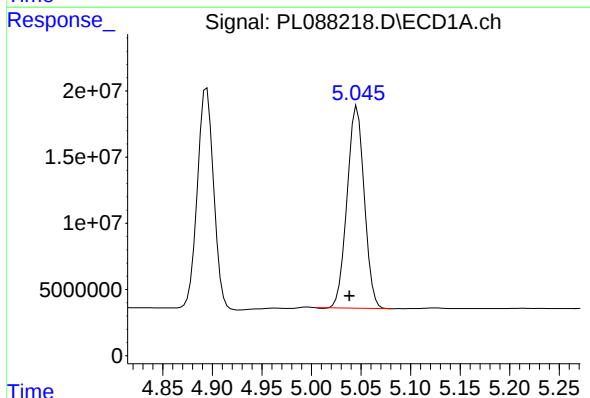
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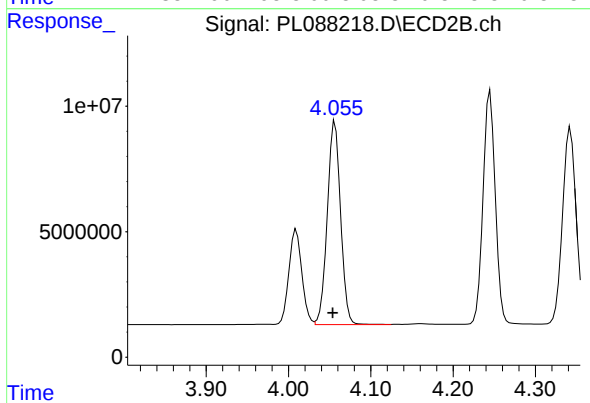
#3 gamma-BHC (Lindane)

R.T.: 3.708 min
Delta R.T.: 0.002 min
Response: 95481755
Conc: 47.68 ng/ml



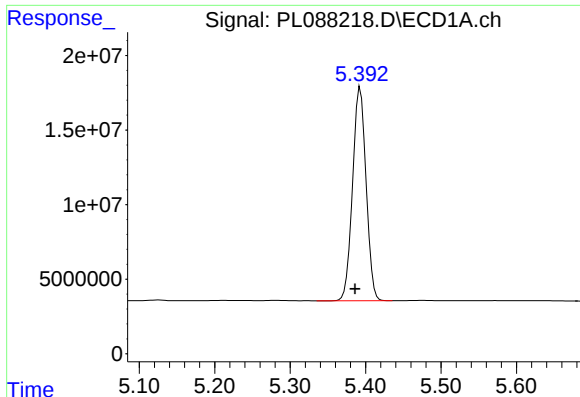
#4 Heptachlor

R.T.: 5.046 min
Delta R.T.: 0.008 min
Response: 183910973
Conc: 47.79 ng/ml



#4 Heptachlor

R.T.: 4.057 min
Delta R.T.: 0.003 min
Response: 91249033
Conc: 50.09 ng/ml



#5 Aldrin

R.T.: 5.393 min
Delta R.T.: 0.007 min
Response: 178288799
Conc: 46.69 ng/ml

Instrument :

ECD_L

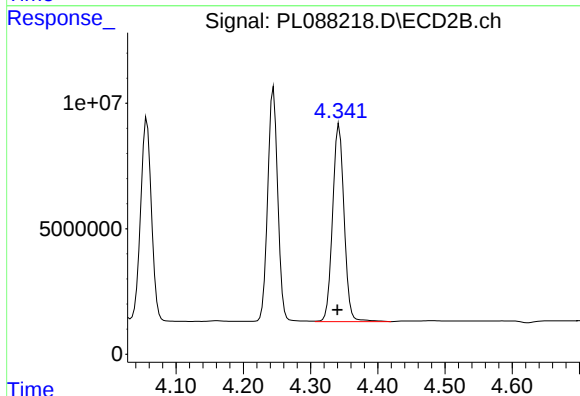
ClientSampleId :

PSTDCCC050

Manual Integrations

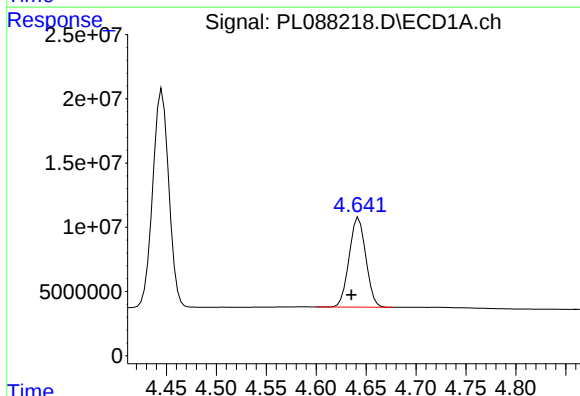
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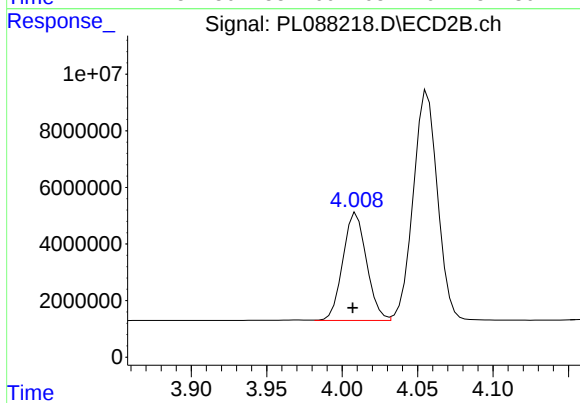
#5 Aldrin

R.T.: 4.343 min
Delta R.T.: 0.003 min
Response: 92556258
Conc: 47.72 ng/ml



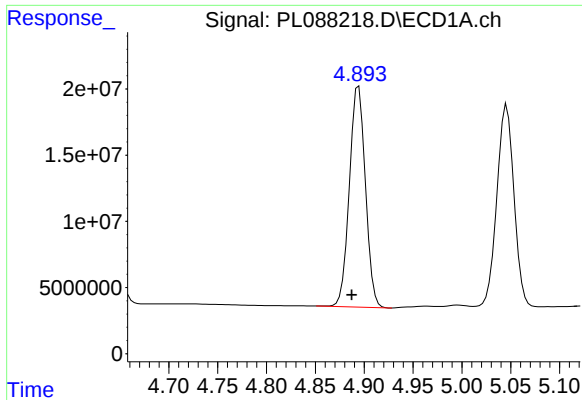
#6 beta-BHC

R.T.: 4.643 min
Delta R.T.: 0.007 min
Response: 81247085
Conc: 46.65 ng/ml



#6 beta-BHC

R.T.: 4.010 min
Delta R.T.: 0.003 min
Response: 41552540
Conc: 46.68 ng/ml



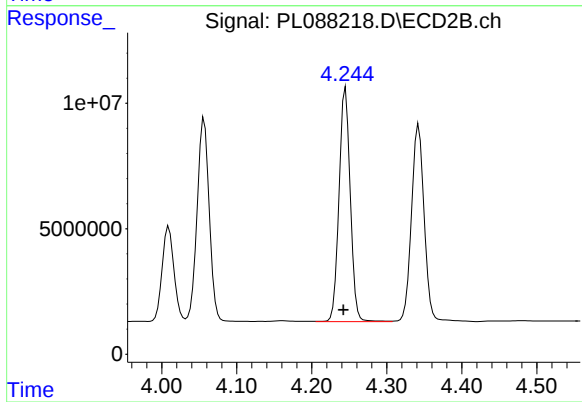
#7 delta-BHC

R.T.: 4.894 min
Delta R.T.: 0.007 min
Response: 190785049
Conc: 50.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

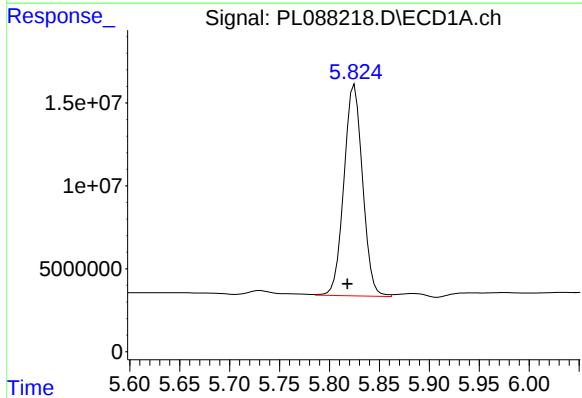
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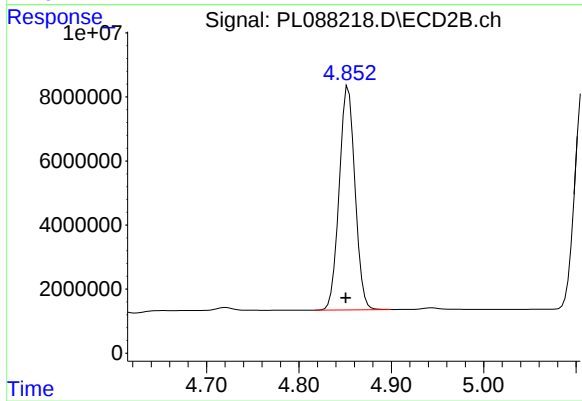
#7 delta-BHC

R.T.: 4.245 min
Delta R.T.: 0.003 min
Response: 97121658
Conc: 48.69 ng/ml



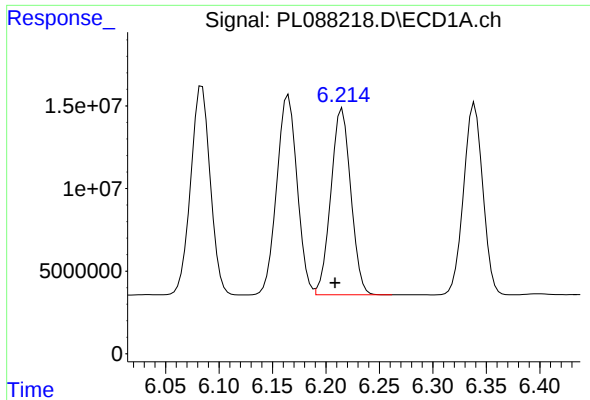
#8 Heptachlor epoxide

R.T.: 5.825 min
Delta R.T.: 0.007 min
Response: 165364585
Conc: 47.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.853 min
Delta R.T.: 0.003 min
Response: 82936601
Conc: 47.81 ng/ml



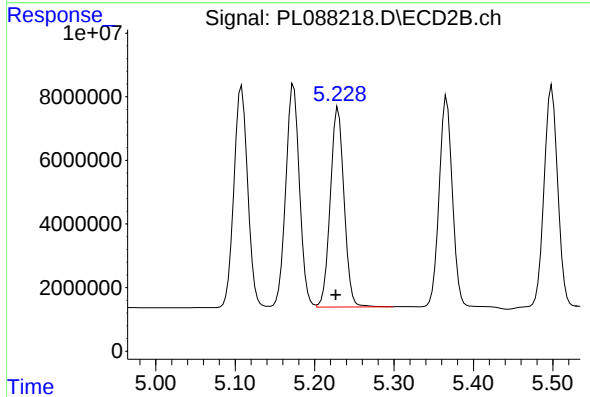
#9 Endosulfan I

R.T.: 6.215 min
Delta R.T.: 0.007 min
Response: 146474907
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

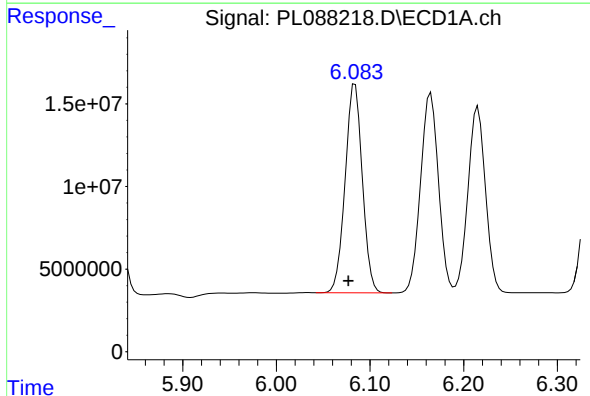
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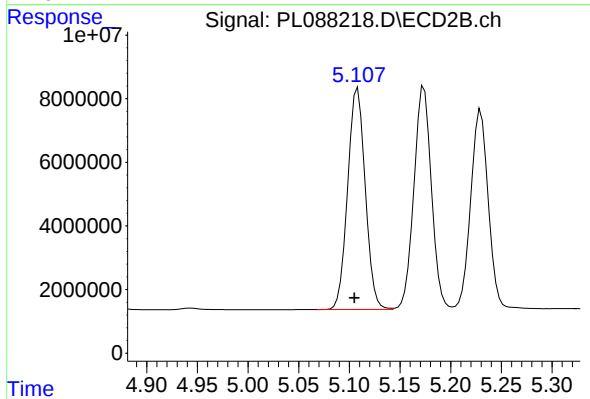
#9 Endosulfan I

R.T.: 5.230 min
Delta R.T.: 0.003 min
Response: 75566848
Conc: 46.96 ng/ml



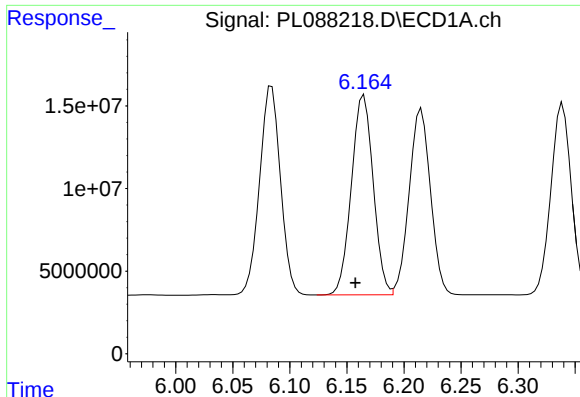
#10 gamma-Chlordane

R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 160910725
Conc: 47.35 ng/ml



#10 gamma-Chlordane

R.T.: 5.108 min
Delta R.T.: 0.003 min
Response: 83887629
Conc: 47.03 ng/ml



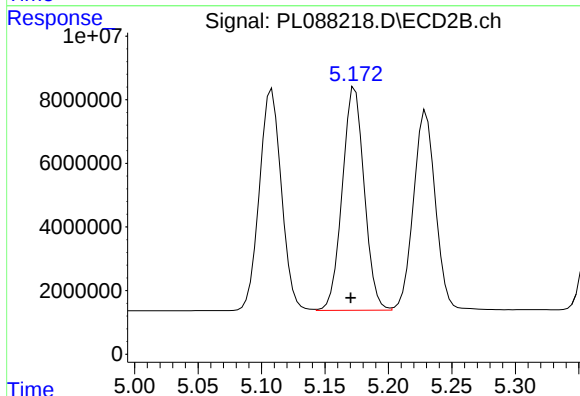
#11 alpha-Chlordane

R.T.: 6.165 min
Delta R.T.: 0.007 min
Response: 160714149
Conc: 47.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

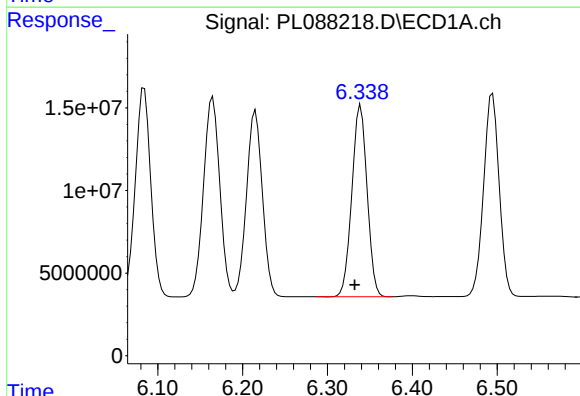
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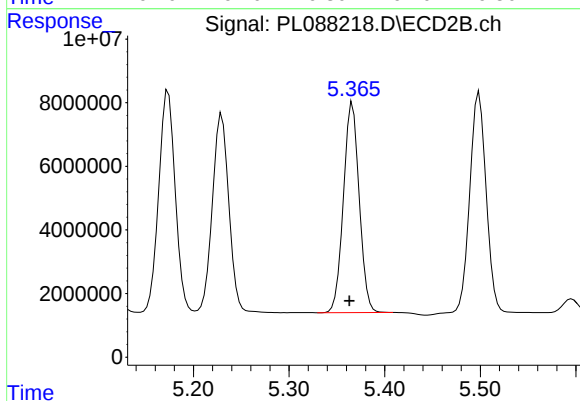
#11 alpha-Chlordane

R.T.: 5.174 min
Delta R.T.: 0.003 min
Response: 84304637
Conc: 47.32 ng/ml



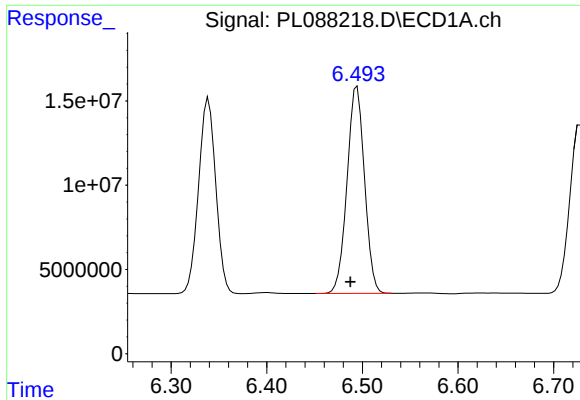
#12 4,4'-DDE

R.T.: 6.339 min
Delta R.T.: 0.007 min
Response: 144642851
Conc: 47.69 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.003 min
Response: 76035021
Conc: 47.84 ng/ml



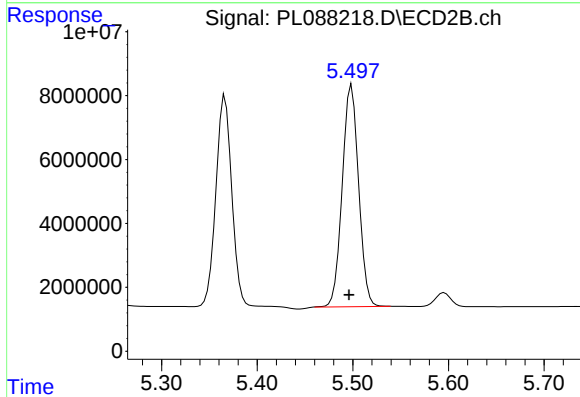
#13 Dieldrin

R.T.: 6.495 min
Delta R.T.: 0.007 min
Response: 156456901
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

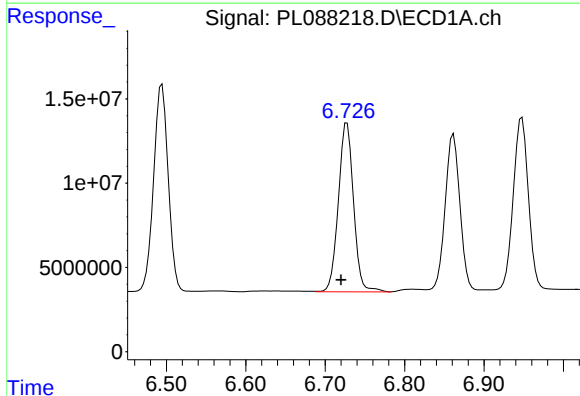
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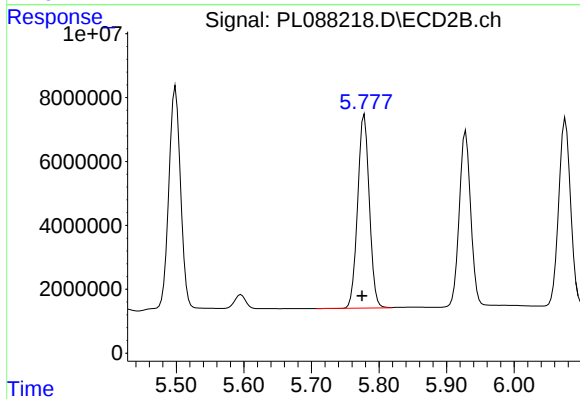
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: 0.003 min
Response: 82904113
Conc: 48.05 ng/ml



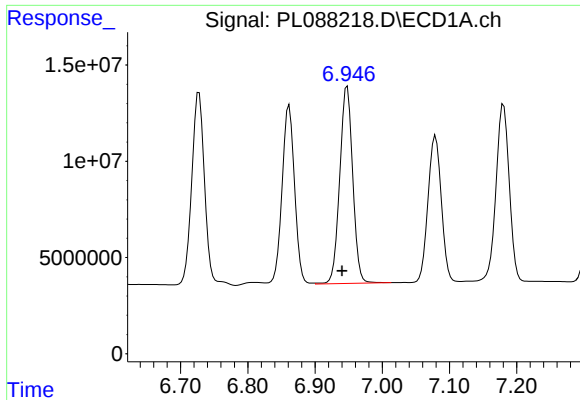
#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.008 min
Response: 133506590
Conc: 51.34 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.004 min
Response: 73016716
Conc: 48.84 ng/ml



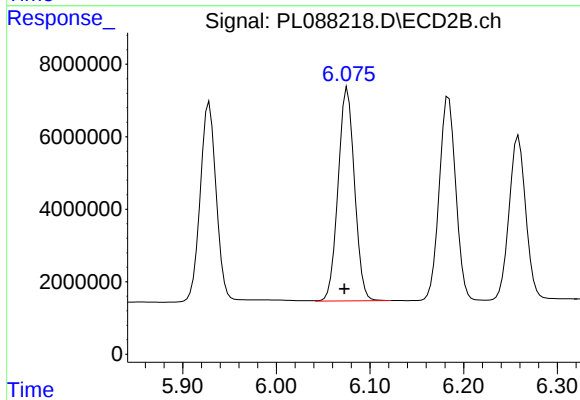
#15 Endosulfan II

R.T.: 6.948 min
Delta R.T.: 0.007 min
Response: 136688737
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

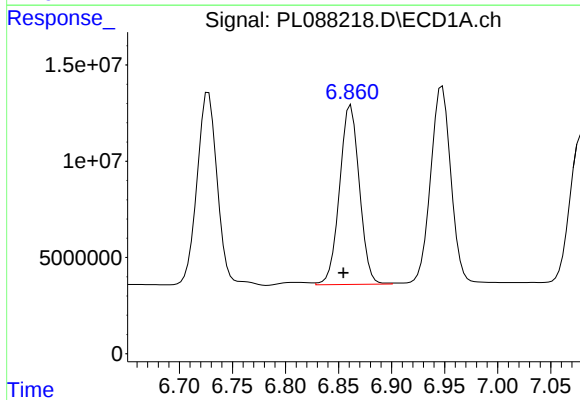
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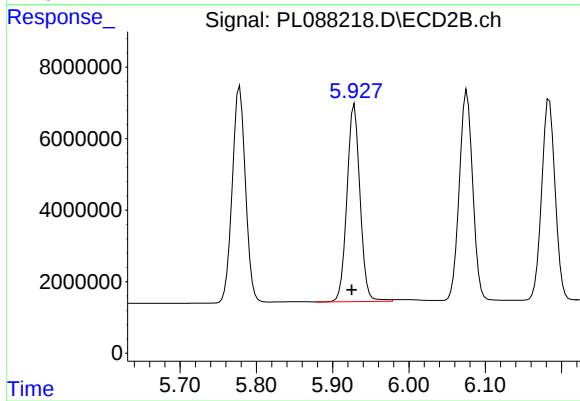
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 71644624
Conc: 47.03 ng/ml



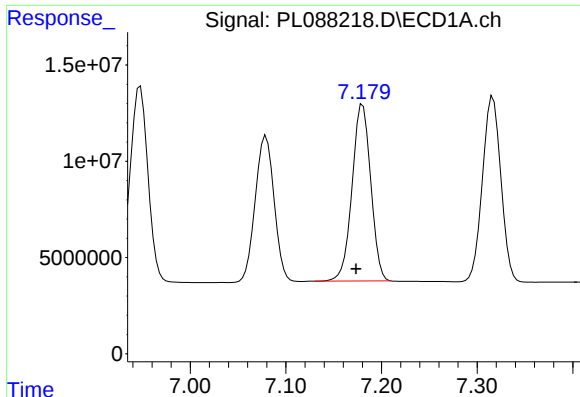
#16 4,4'-DDD

R.T.: 6.862 min
Delta R.T.: 0.007 min
Response: 120869753
Conc: 46.60 ng/ml



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: 0.003 min
Response: 66026255
Conc: 48.33 ng/ml



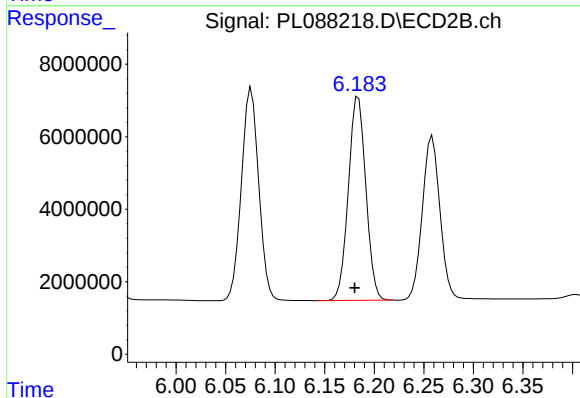
#17 4,4'-DDT

R.T.: 7.180 min
Delta R.T.: 0.007 min
Response: 124871369
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

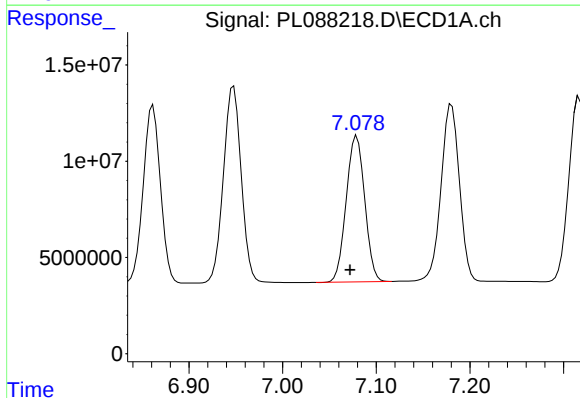
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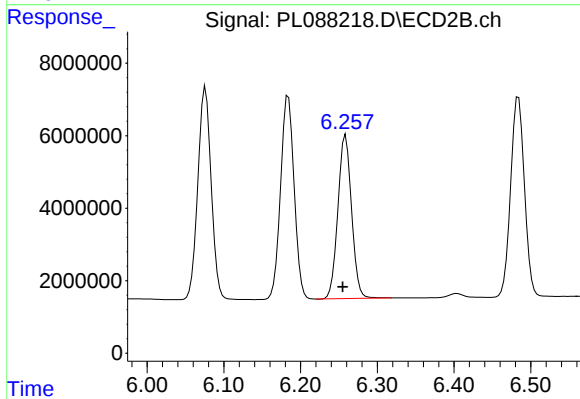
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: 0.004 min
Response: 69075857
Conc: 50.60 ng/ml



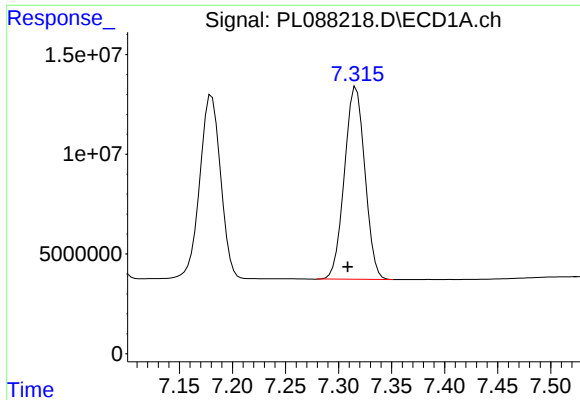
#18 Endrin aldehyde

R.T.: 7.079 min
Delta R.T.: 0.007 min
Response: 104272535
Conc: 50.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: 0.004 min
Response: 55907262
Conc: 51.19 ng/ml



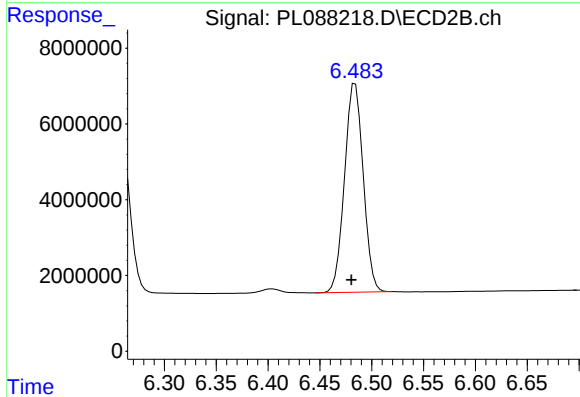
#19 Endosulfan Sulfate

R.T.: 7.315 min
Delta R.T.: 0.006 min
Response: 129214775
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

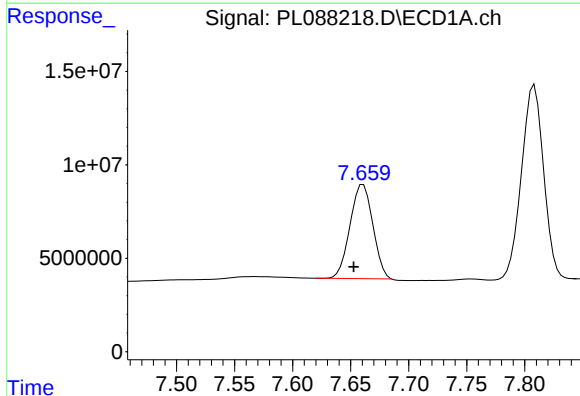
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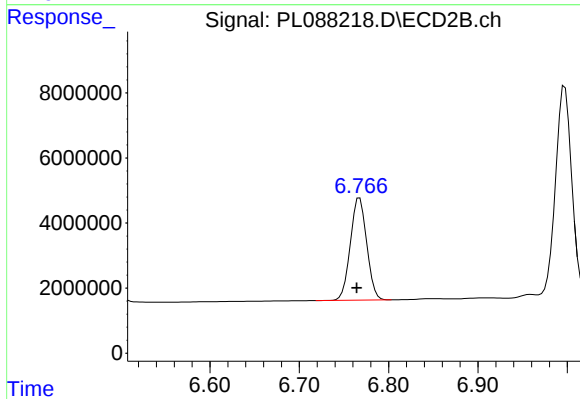
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: 0.004 min
Response: 69173420
Conc: 49.25 ng/ml



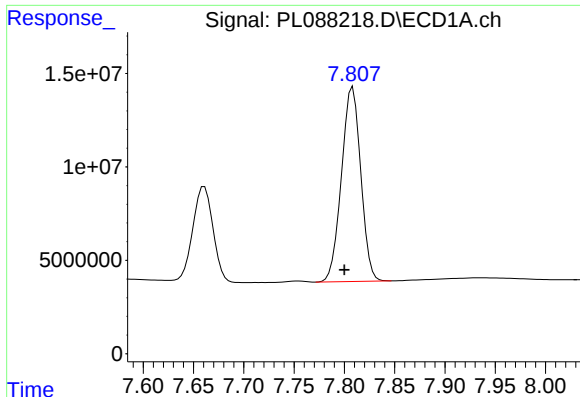
#20 Methoxychlor

R.T.: 7.661 min
Delta R.T.: 0.008 min
Response: 69001545
Conc: 52.13 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: 0.003 min
Response: 39930361
Conc: 50.95 ng/ml



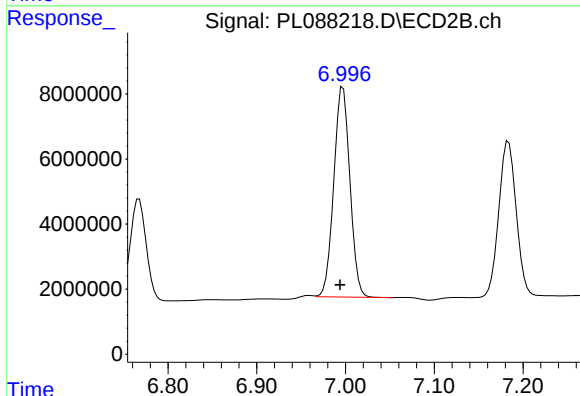
#21 Endrin ketone

R.T.: 7.808 min
Delta R.T.: 0.008 min
Response: 138641957
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

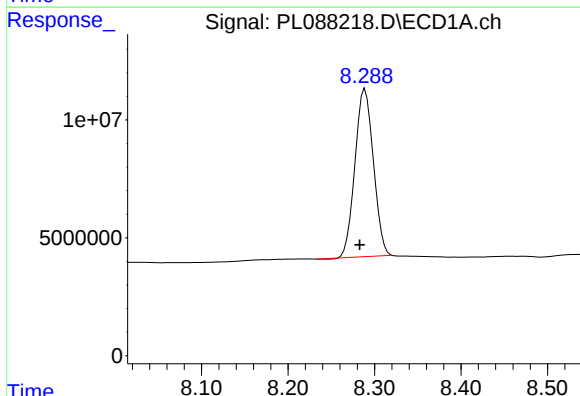
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/23/2024
Supervised By :Ankita Jodhani 02/23/2024



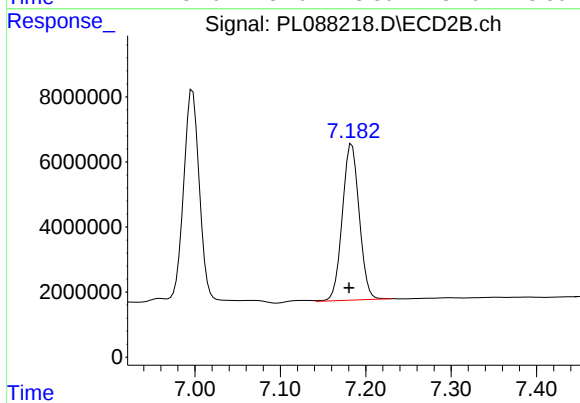
#21 Endrin ketone

R.T.: 6.997 min
Delta R.T.: 0.004 min
Response: 81493418
Conc: 48.68 ng/ml



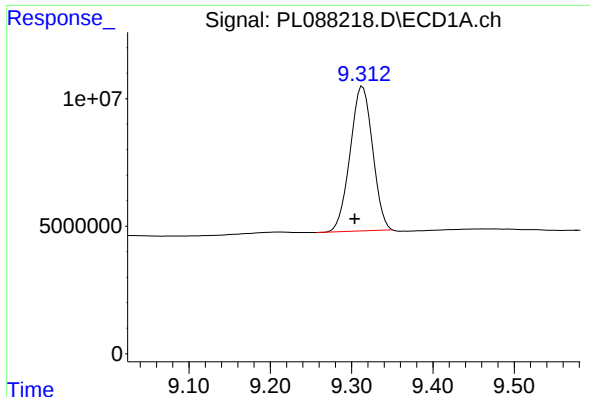
#22 Mirex

R.T.: 8.289 min
Delta R.T.: 0.006 min
Response: 105338921
Conc: 45.46 ng/ml



#22 Mirex

R.T.: 7.184 min
Delta R.T.: 0.004 min
Response: 66034331
Conc: 50.40 ng/ml



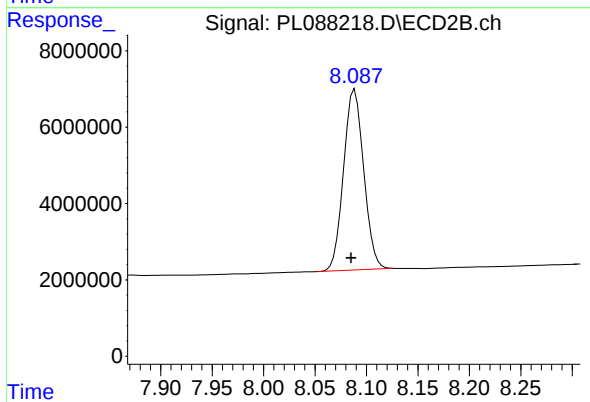
#28 Decachlorobiphenyl

R.T.: 9.313 min
Delta R.T.: 0.010 min
Response: 108627976
Conc: 56.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: 0.004 min
Response: 64682480
Conc: 50.80 ng/ml