

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
 Data File : PD075870.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 20:11
 Operator : AR\AJ
 Sample : PB153487BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB153487BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/19/2023
 Supervised By : Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 22:13:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.768	52660227	26260594	24.722	24.205
28)	SA Decachlor...	9.089	7.913	61622359	24927917	24.324	25.494
Target Compounds							
2)	A alpha-BHC	4.003	3.270	194.4E6	80450555	52.657	50.289
3)	MA gamma-BHC...	4.336	3.600	175.0E6	74088023	52.011	50.283
4)	MA Heptachlor	4.928	3.940	179.3E6	74096692	49.987	48.785
5)	MB Aldrin	5.270	4.220	177.6E6	73201426	50.686	49.089
6)	B beta-BHC	4.532	3.897	72084174	32108263	50.138	50.373
7)	B delta-BHC	4.781	4.127	172.9E6	74117713	52.032	51.152
8)	B Heptachlo...	5.698	4.722	158.6E6	66711892	49.230	48.566
9)	A Endosulfan I	6.085	5.093	146.7E6	62495501	48.918	48.893
10)	B gamma-Chl...	5.955	4.973	161.2E6	67617916	50.032	49.280
11)	B alpha-Chl...	6.034	5.037	157.9E6	66673830	48.842	48.604
12)	B 4,4'-DDE	6.206	5.226	144.8E6	60300015	50.669	54.024
13)	MA Dieldrin	6.360	5.358	152.6E6	65763140	48.818	48.743
14)	MA Endrin	6.591	5.634	127.6E6	57690068	47.713	47.404
15)	B Endosulfa...	6.810	5.928	121.7E6	53022604	47.097	49.147
16)	A 4,4'-DDD	6.724	5.782	117.5E6	51161029	51.640	58.054
17)	MA 4,4'-DDT	7.039	6.033	114.2E6	46264698	50.332	56.956
18)	B Endrin al...	6.939	6.108	95396614	42271273	47.542m	48.841
19)	B Endosulfa...	7.175	6.330	119.8E6	53678281	47.569	49.674
20)	A Methoxychlor	7.515	6.609	61527072	26201887	47.534	56.611
21)	B Endrin ke...	7.662	6.837	133.9E6	60753224	48.065	50.005
22)	Mirex	8.137	7.019	96827225	47530959	45.193	45.344

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

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Data File : PD075870.D
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Acq On : 16 Jun 2023 20:11
Operator : AR\AJ
Sample : PB153487BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

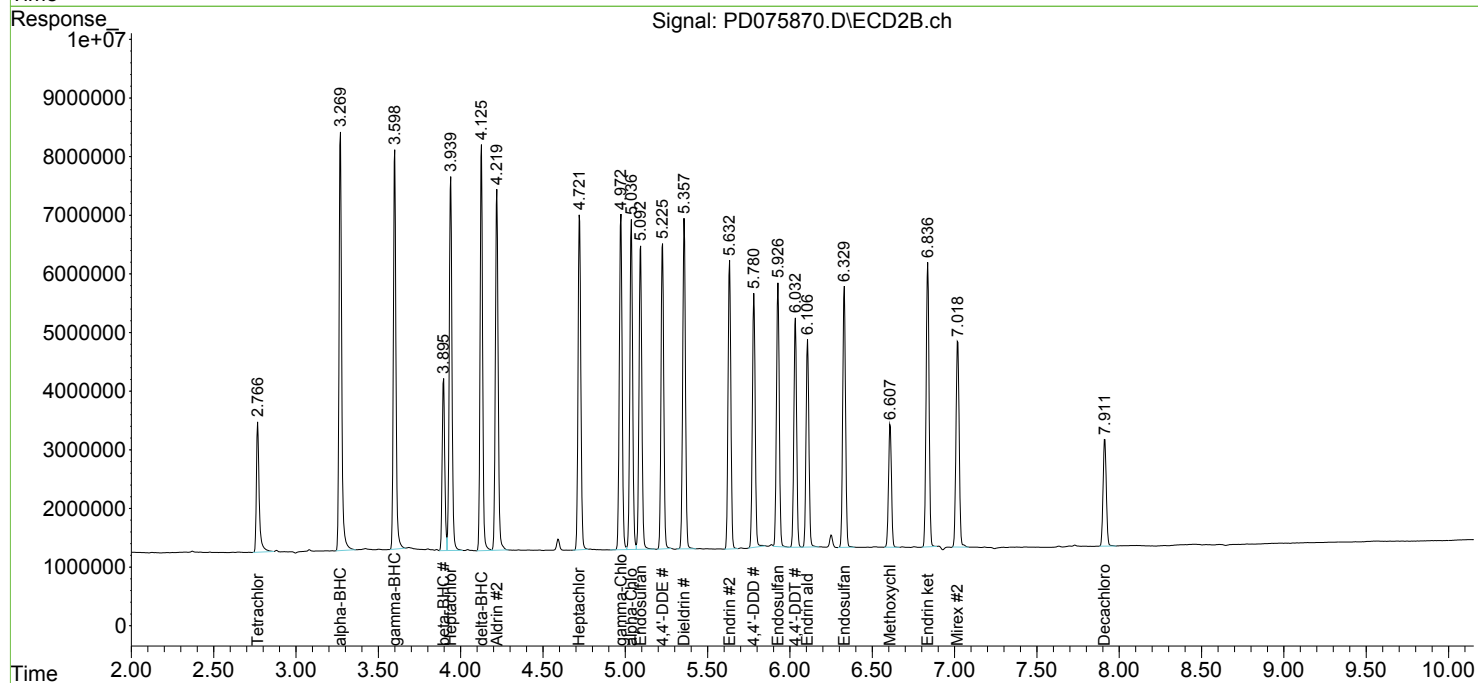
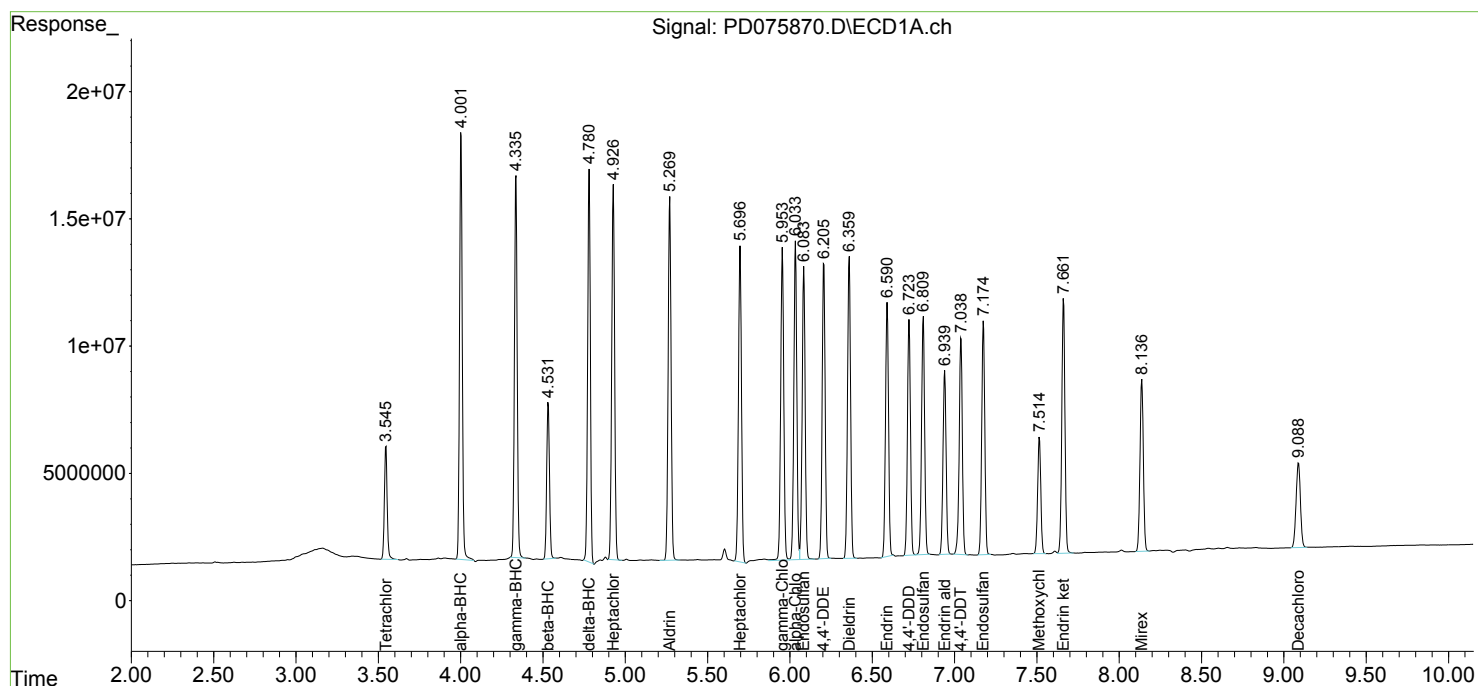
Instrument :
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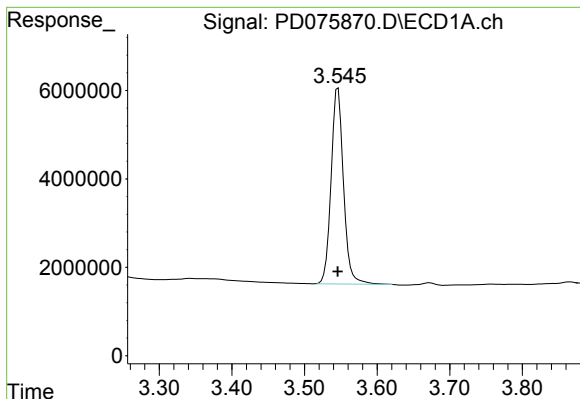
Manual Integrations
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Reviewed By :Abdul Mirza 06/19/2023
Supervised By :Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 22:13:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 52660227
Conc: 24.72 ng/ml

Instrument :

ECD_D

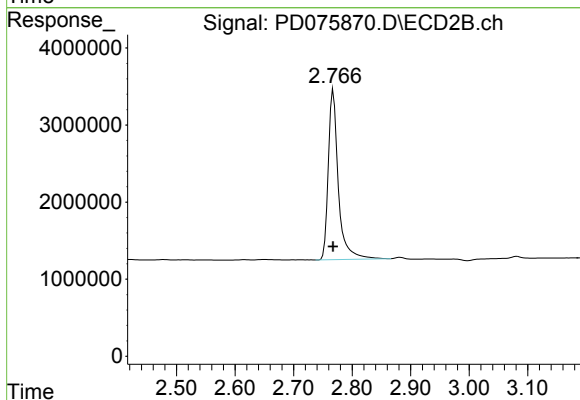
ClientSampleId :

PB153487BS

Manual Integrations

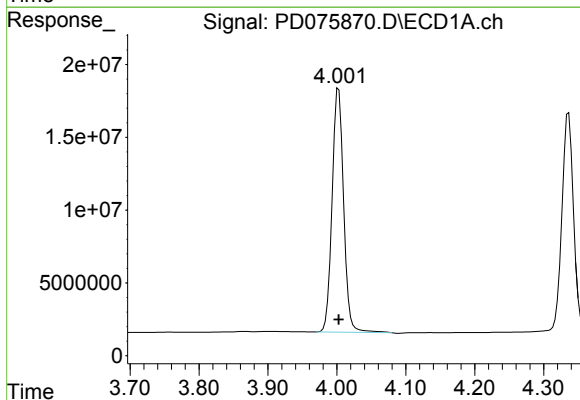
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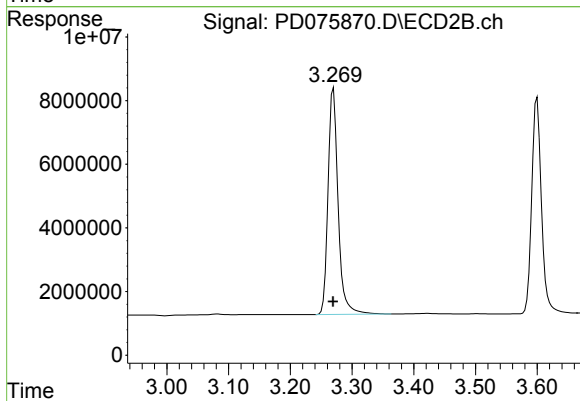
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 26260594
Conc: 24.20 ng/ml



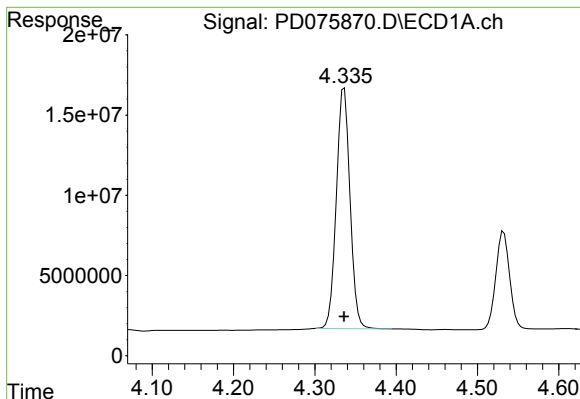
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 194413543
Conc: 52.66 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 80450555
Conc: 50.29 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 175012657
Conc: 52.01 ng/ml

Instrument :

ECD_D

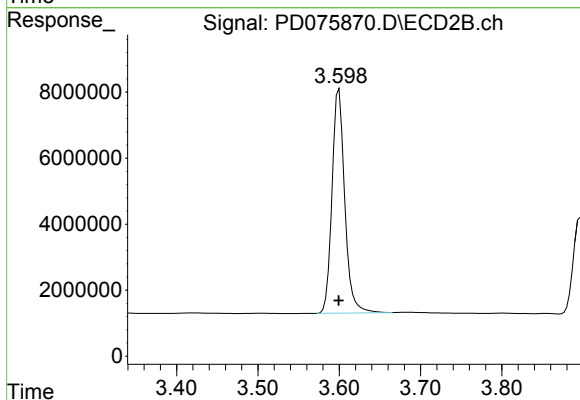
ClientSampleId :

PB153487BS

Manual Integrations

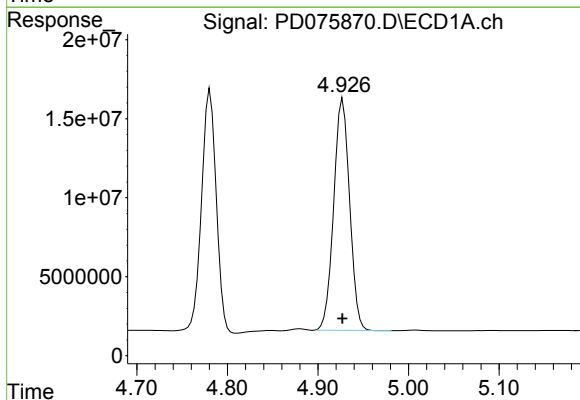
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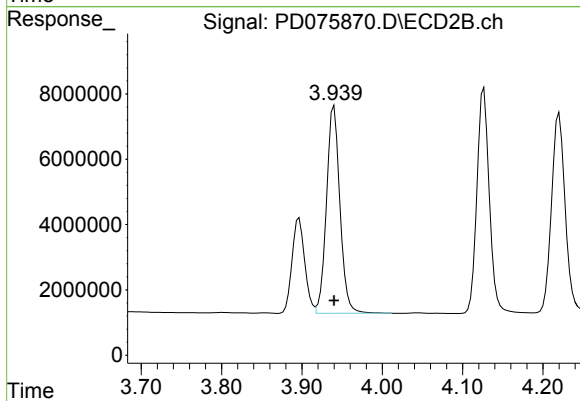
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 74088023
Conc: 50.28 ng/ml



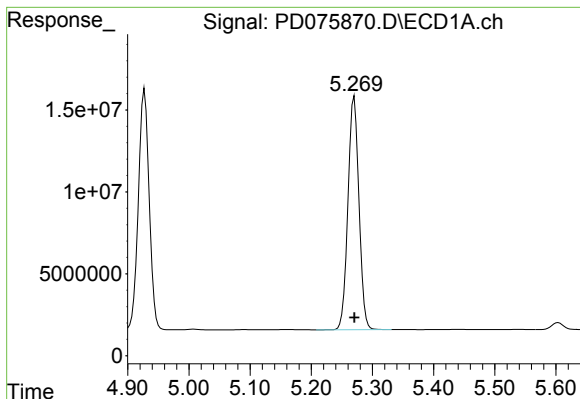
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 179285368
Conc: 49.99 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 74096692
Conc: 48.78 ng/ml



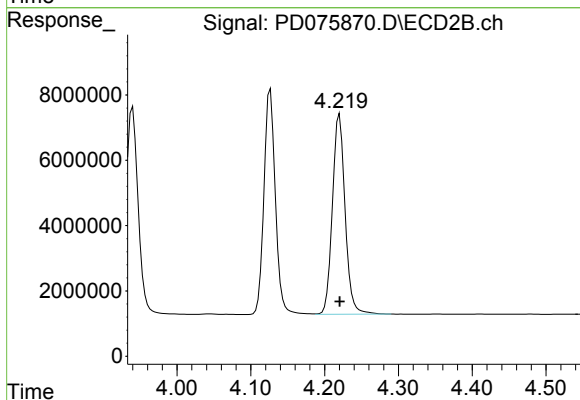
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 177614294
Conc: 50.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153487BS

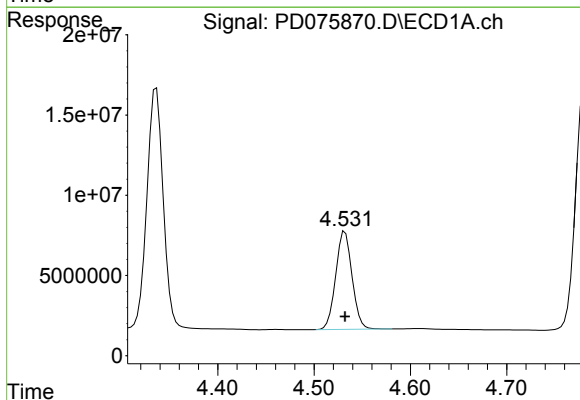
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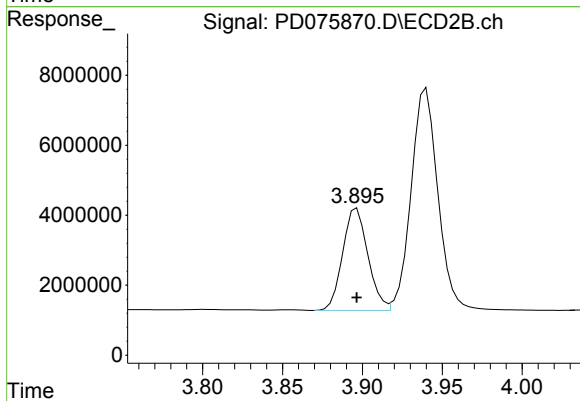
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 73201426
Conc: 49.09 ng/ml



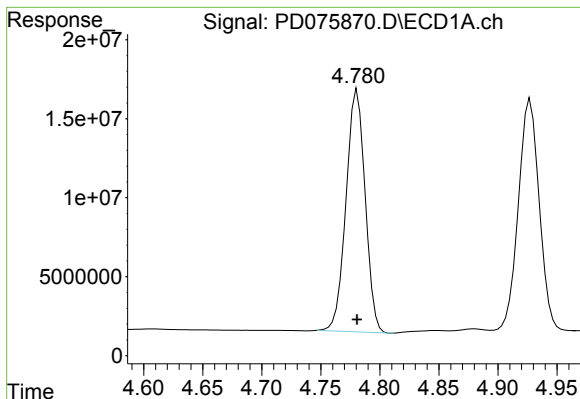
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 72084174
Conc: 50.14 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 32108263
Conc: 50.37 ng/ml



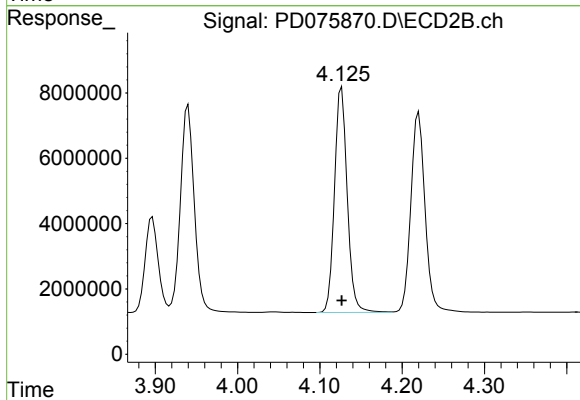
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 172935401
Conc: 52.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153487BS

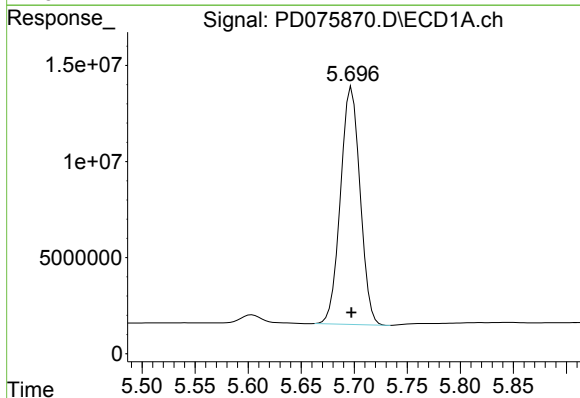
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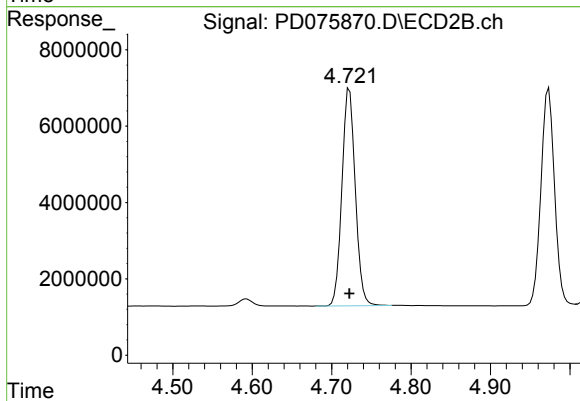
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 74117713
Conc: 51.15 ng/ml



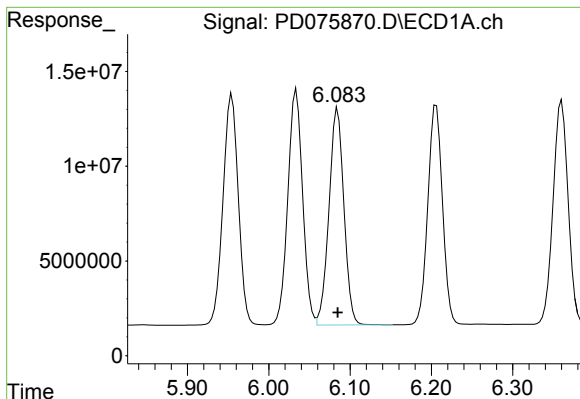
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 158632841
Conc: 49.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 66711892
Conc: 48.57 ng/ml



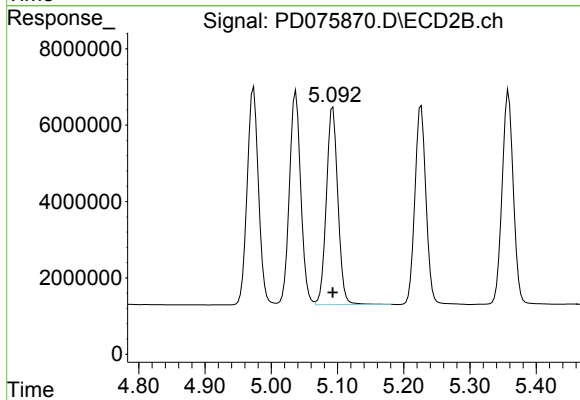
#9 Endosulfan I

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 146729840
Conc: 48.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153487BS

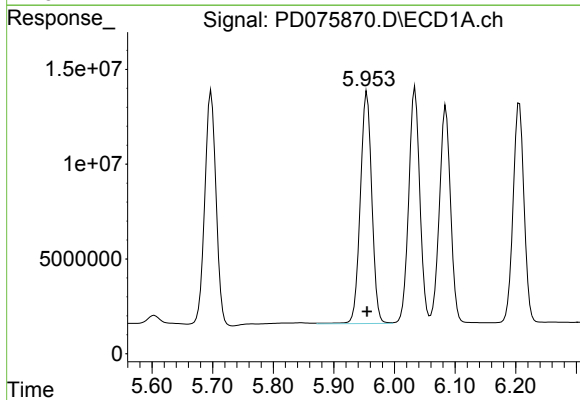
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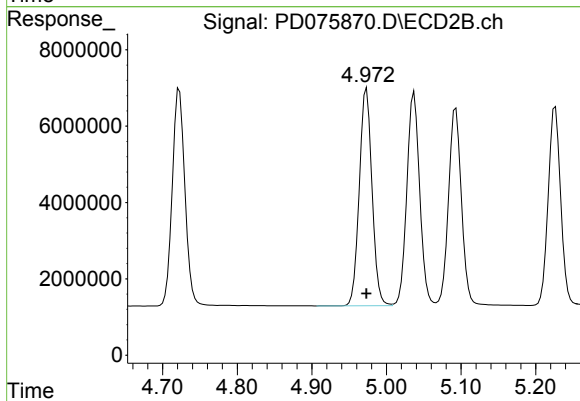
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 62495501
Conc: 48.89 ng/ml



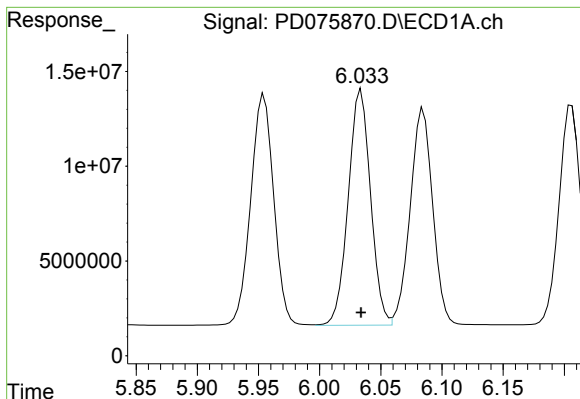
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 161169681
Conc: 50.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 67617916
Conc: 49.28 ng/ml



#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 157900281
Conc: 48.84 ng/ml

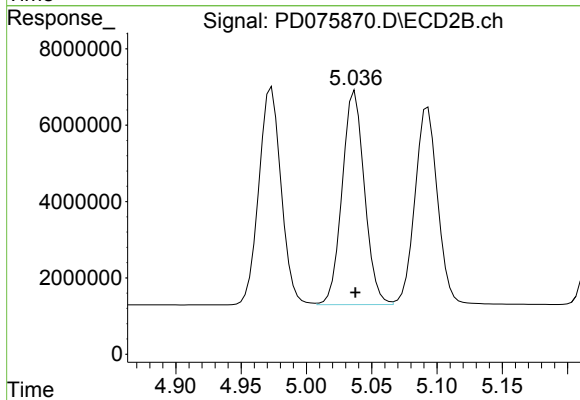
Instrument :

ECD_D

ClientSampleId :
PB153487BS

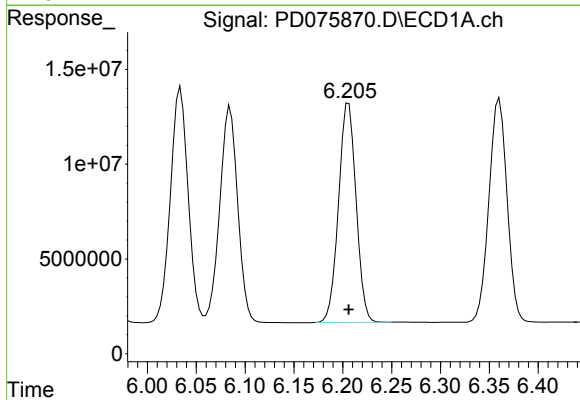
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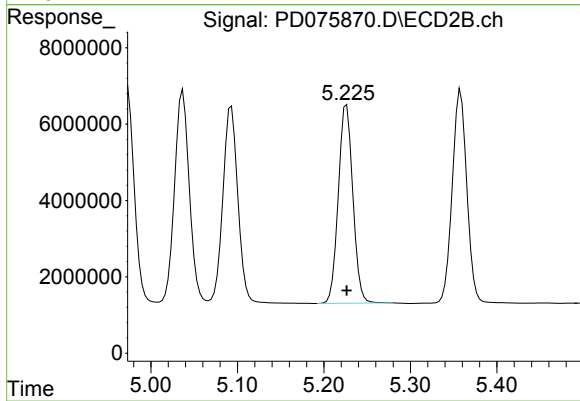
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 66673830
Conc: 48.60 ng/ml



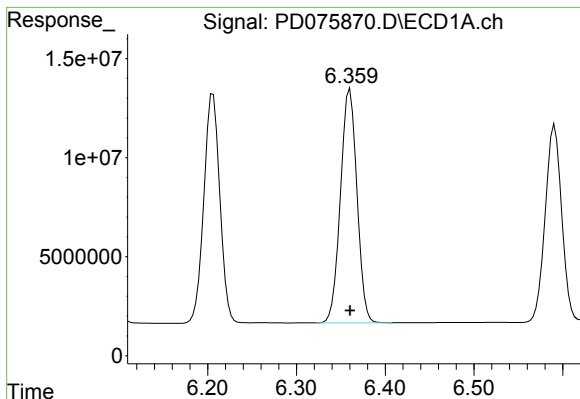
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 144819940
Conc: 50.67 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 60300015
Conc: 54.02 ng/ml



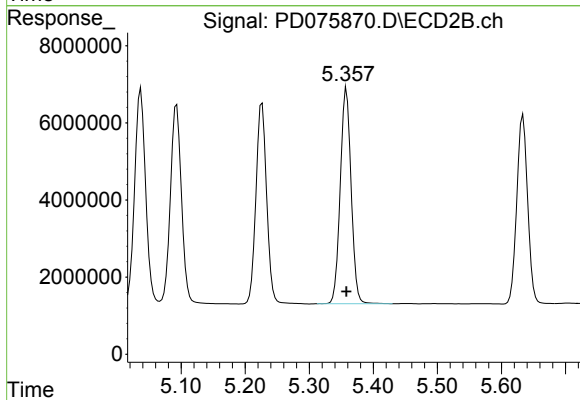
#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 152553244
Conc: 48.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153487BS

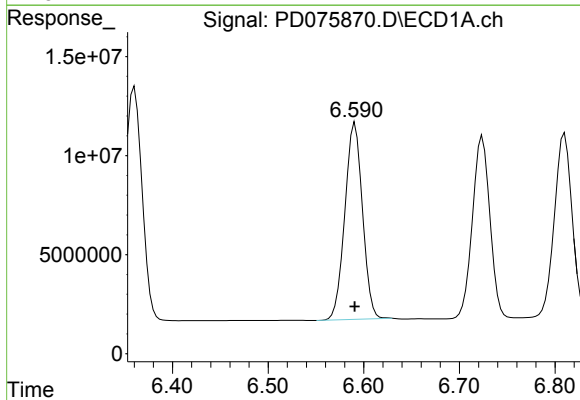
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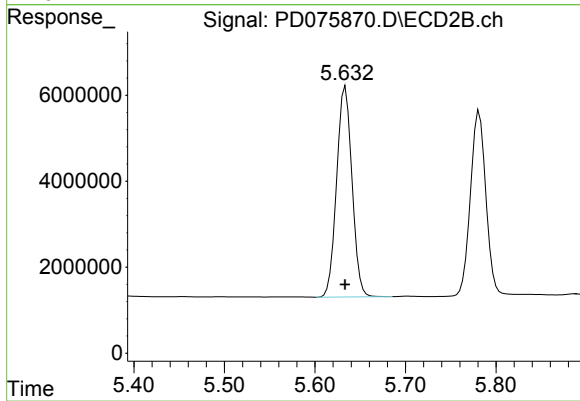
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 65763140
Conc: 48.74 ng/ml



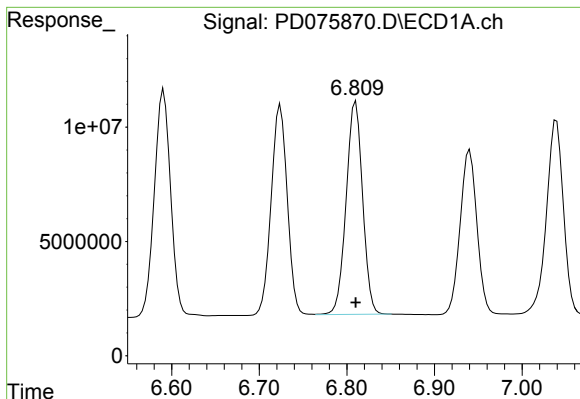
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 127600768
Conc: 47.71 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 57690068
Conc: 47.40 ng/ml



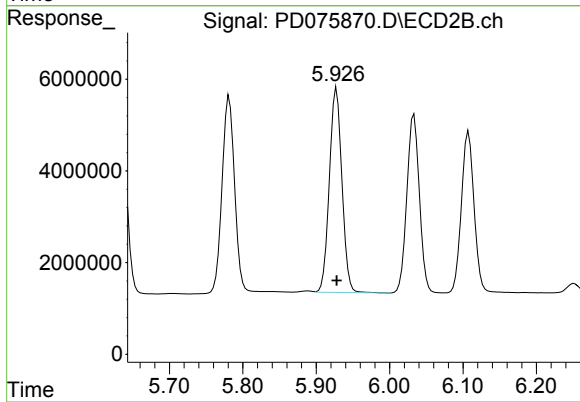
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 121682038
Conc: 47.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153487BS

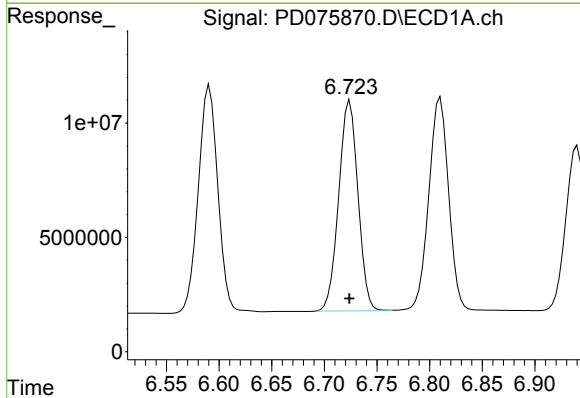
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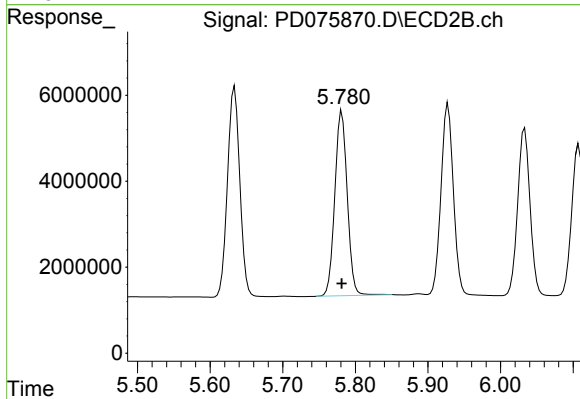
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 53022604
Conc: 49.15 ng/ml



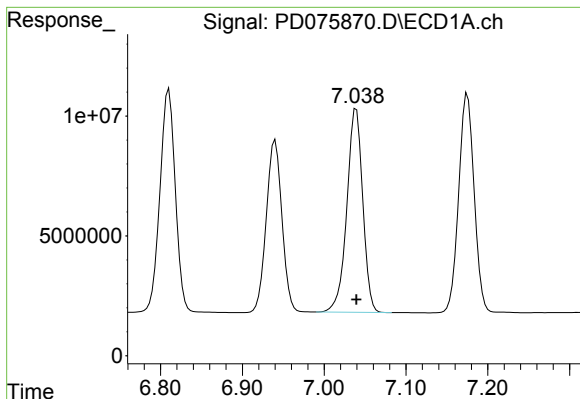
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 117513066
Conc: 51.64 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 51161029
Conc: 58.05 ng/ml



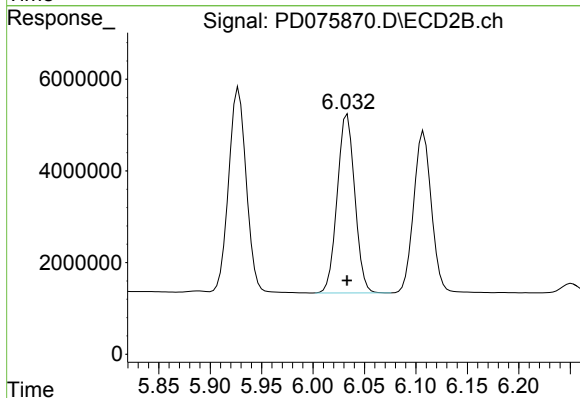
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 114215443
Conc: 50.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153487BS

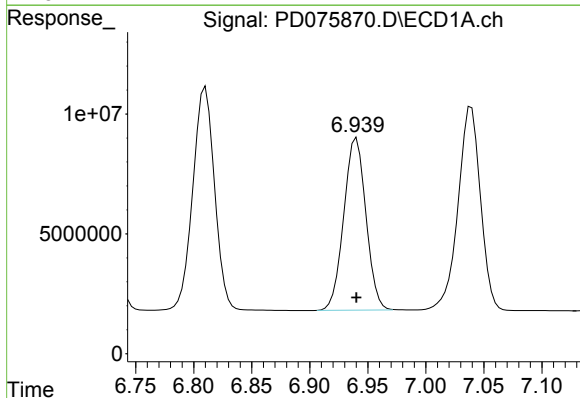
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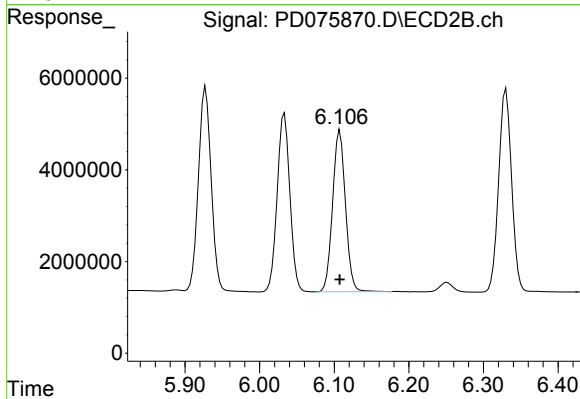
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 46264698
Conc: 56.96 ng/ml



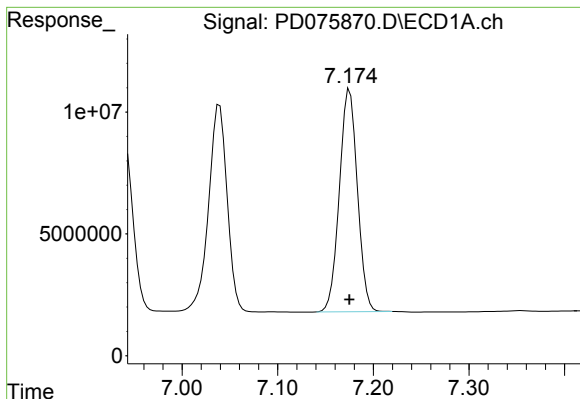
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 95396614
Conc: 47.54 ng/ml m



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 42271273
Conc: 48.84 ng/ml



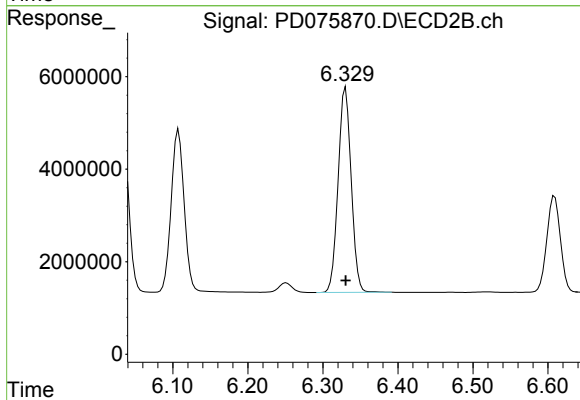
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 119842916
Conc: 47.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153487BS

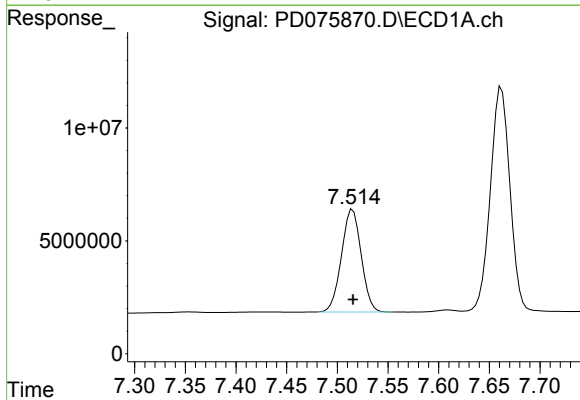
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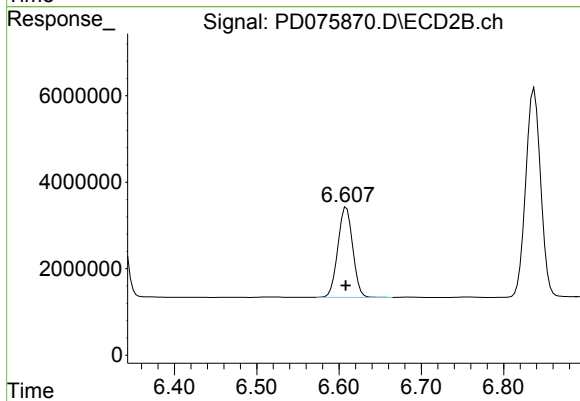
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 53678281
Conc: 49.67 ng/ml



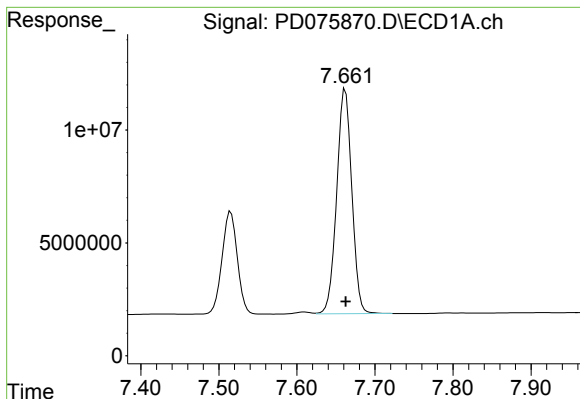
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 61527072
Conc: 47.53 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 26201887
Conc: 56.61 ng/ml



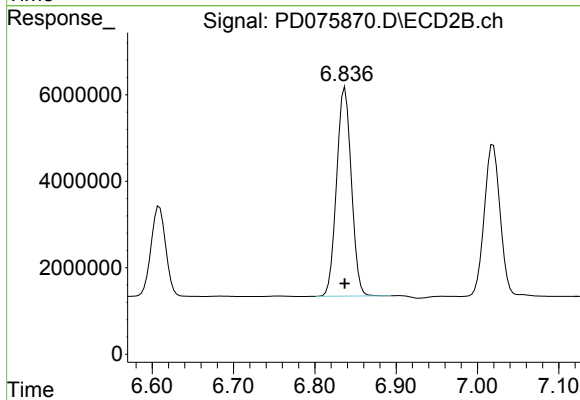
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 133906141
Conc: 48.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153487BS

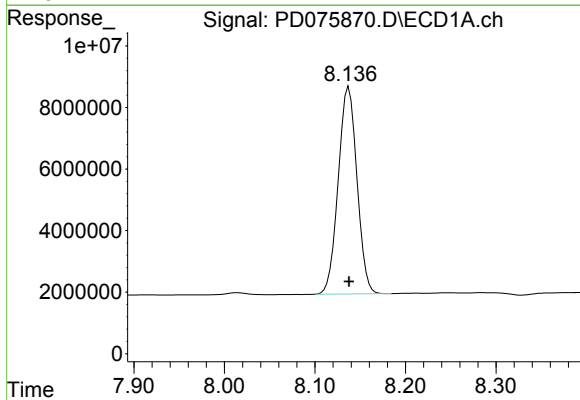
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/19/2023
Supervised By :Ankita Jodhani 06/19/2023



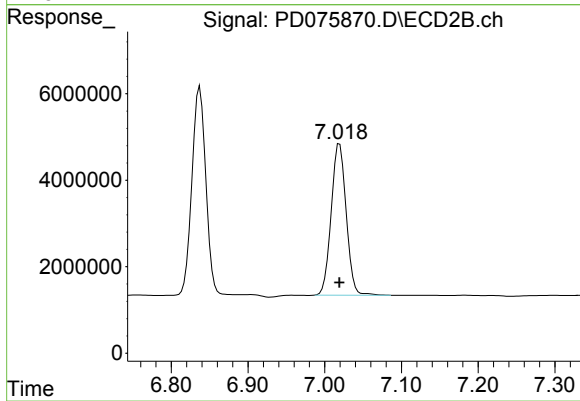
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 60753224
Conc: 50.00 ng/ml



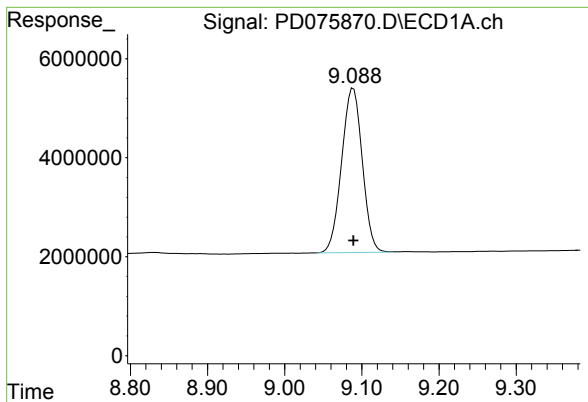
#22 Mirex

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 96827225
Conc: 45.19 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 47530959
Conc: 45.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 61622359
Conc: 24.32 ng/ml

Instrument :

ECD_D

ClientSampleId :

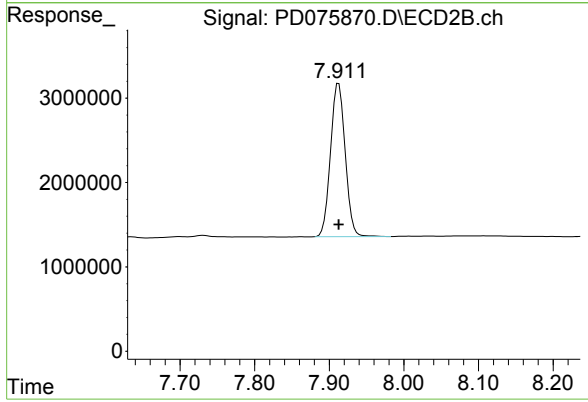
PB153487BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 24927917
Conc: 25.49 ng/ml