

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
 Data File : PD075868.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 19:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

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 22:12:24 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	109.2E6	54628823	51.243	50.352
2)	SA Decachlor...	9.088	7.914	116.0E6	46585675	45.796	47.644
Target Compounds							
2)	A alpha-BHC	4.003	3.270	195.2E6	82120878	52.872	51.333
3)	MA gamma-BHC...	4.336	3.600	177.8E6	75405338	52.849	51.177
4)	MA Heptachlor	4.927	3.940	179.3E6	74501333	49.997	49.051
5)	MB Aldrin	5.270	4.220	177.0E6	74306490	50.497	49.830
6)	B beta-BHC	4.532	3.896	73595650	32923056	51.189	51.651
7)	B delta-BHC	4.780	4.127	178.7E6	76788120	53.758	52.995
8)	B Heptachlo...	5.698	4.722	157.8E6	67969405	48.978	49.481
9)	A Endosulfan I	6.085	5.093	145.7E6	62621134	48.571	48.991
10)	B gamma-Chl...	5.954	4.973	159.2E6	68794491	49.420	50.138
11)	B alpha-Chl...	6.034	5.037	157.3E6	67776032	48.647	49.408
12)	B 4,4'-DDE	6.206	5.226	144.1E6	61420433	50.408	55.028
13)	MA Dieldrin	6.360	5.358	151.4E6	67072071	48.450	49.714
14)	MA Endrin	6.591	5.634	126.8E6	58572723	47.407	48.129
15)	B Endosulfa...	6.810	5.928	121.3E6	53714601	46.967	49.789
16)	A 4,4'-DDD	6.724	5.781	117.3E6	52004572	51.536	59.011
17)	MA 4,4'-DDT	7.040	6.033	111.9E6	46758962	49.329	57.564
18)	B Endrin al...	6.939	6.108	95897306	43007234	47.791m	49.691
19)	B Endosulfa...	7.176	6.331	119.2E6	54606248	47.301	50.533
20)	A Methoxychlor	7.515	6.609	60844424	26242795	47.006	56.699
21)	B Endrin ke...	7.662	6.837	134.1E6	61947139	48.143	50.987
22)	Mirex	8.137	7.020	98510582	48340972	45.978	46.117

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

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Acq On : 16 Jun 2023 19:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

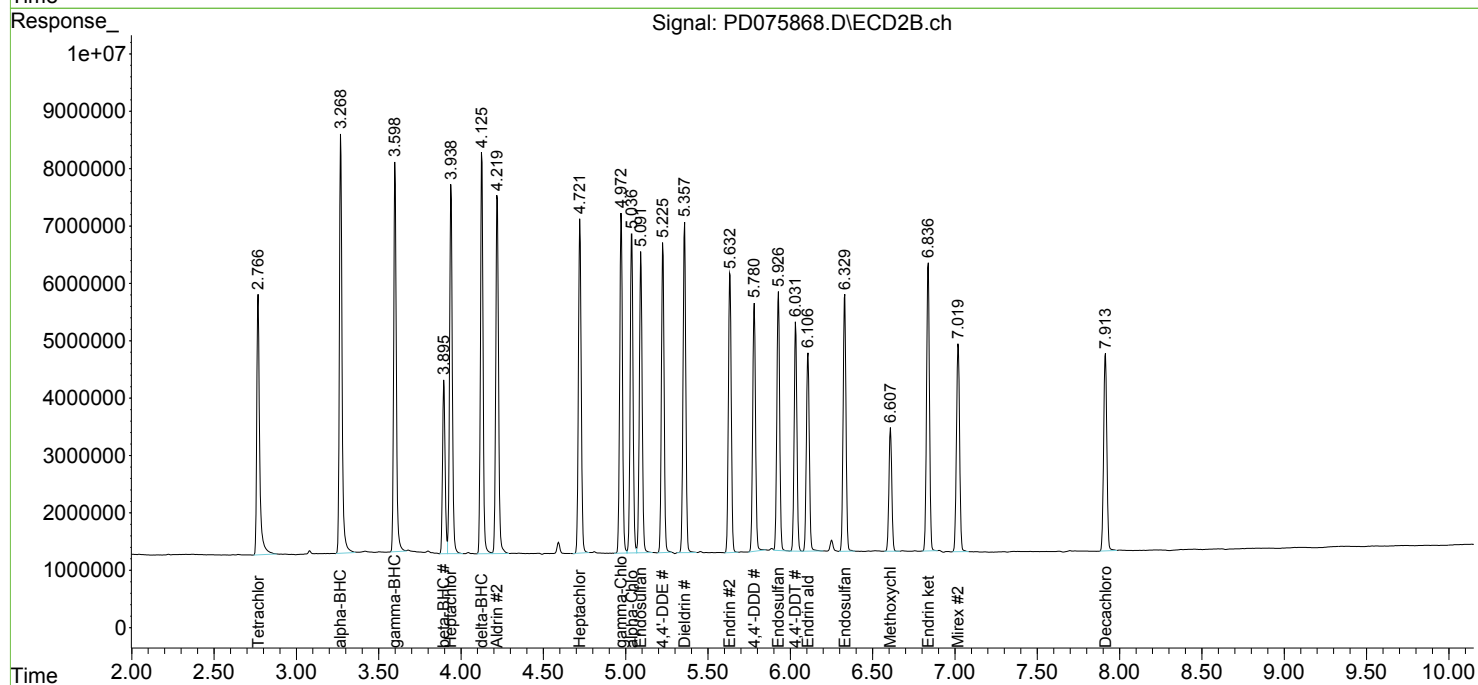
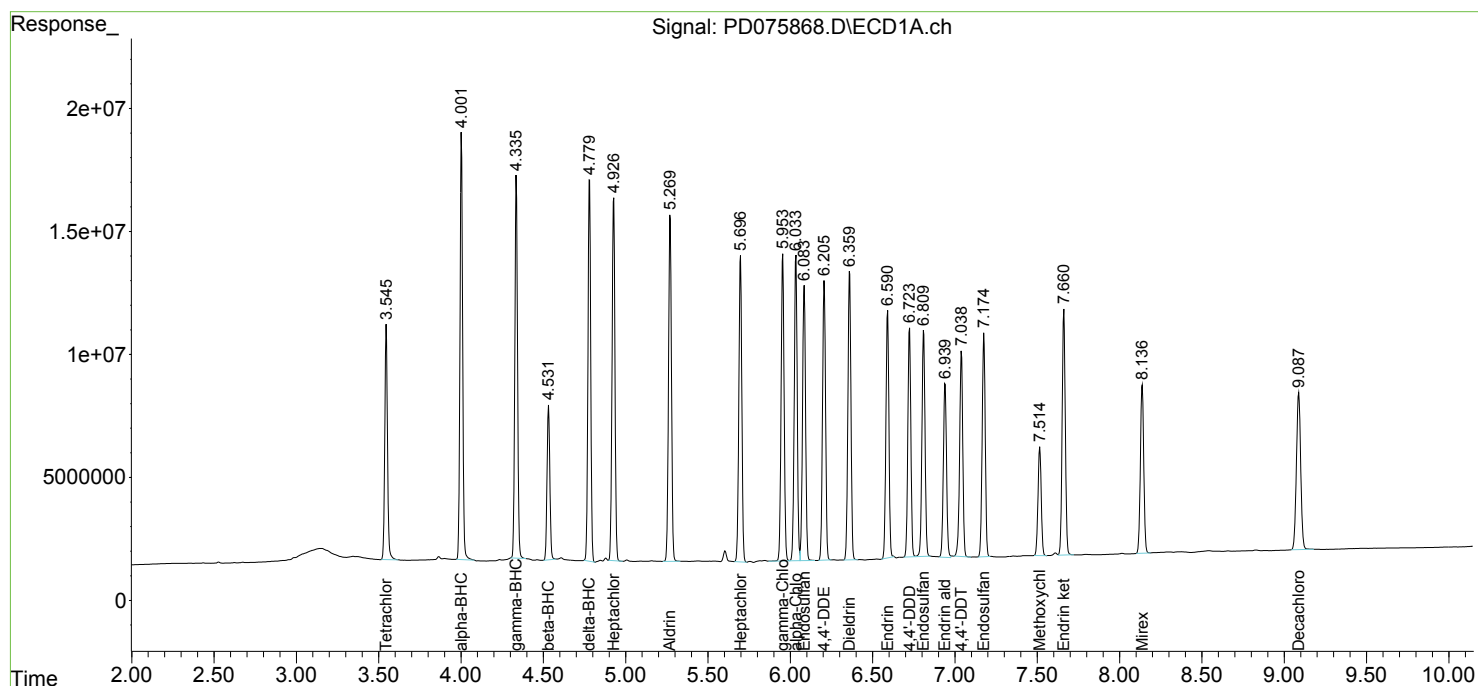
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

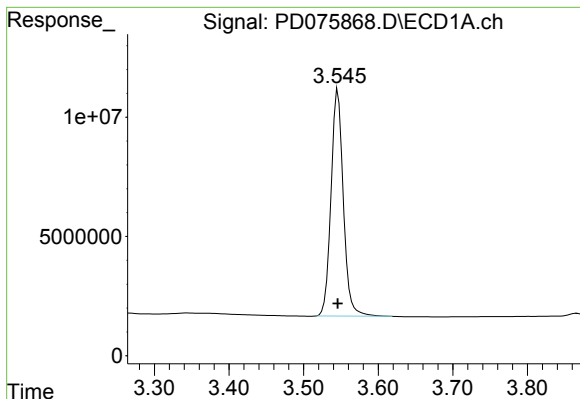
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 22:12:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
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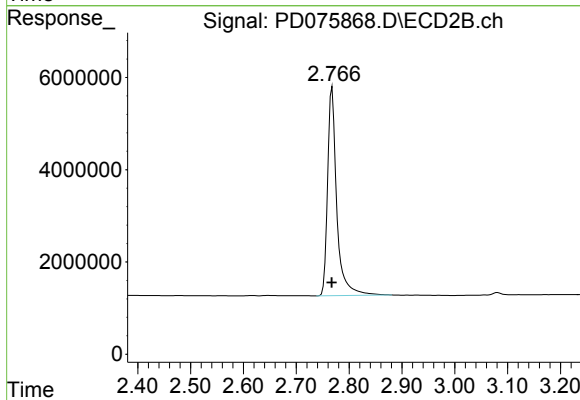
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 109154356
Conc: 51.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

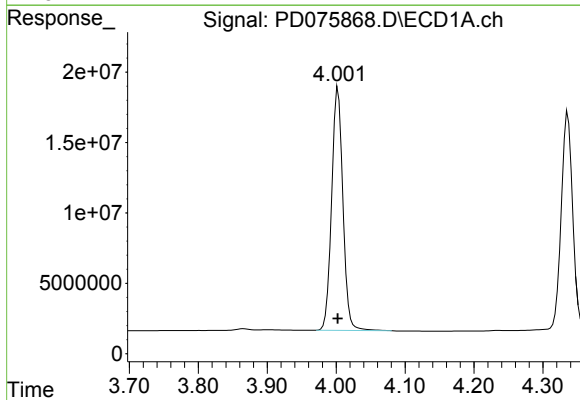
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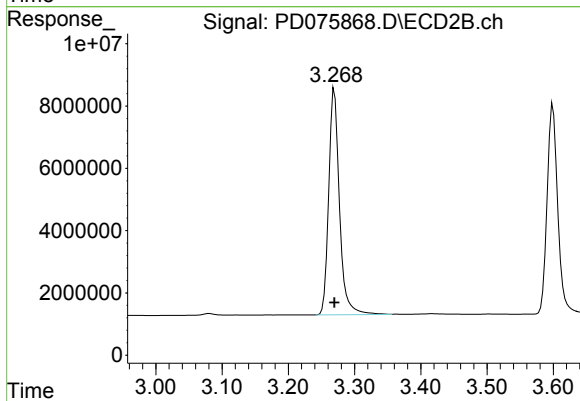
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 54628823
Conc: 50.35 ng/ml



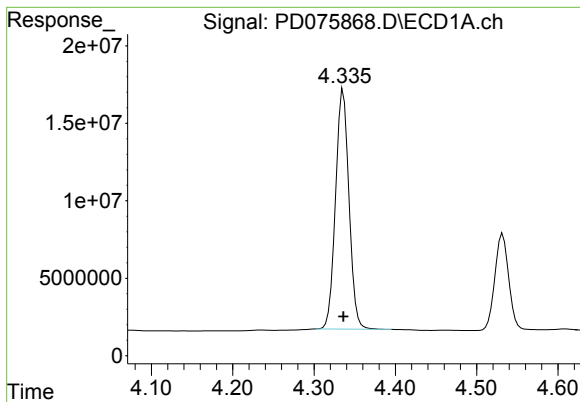
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 195209905
Conc: 52.87 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 82120878
Conc: 51.33 ng/ml



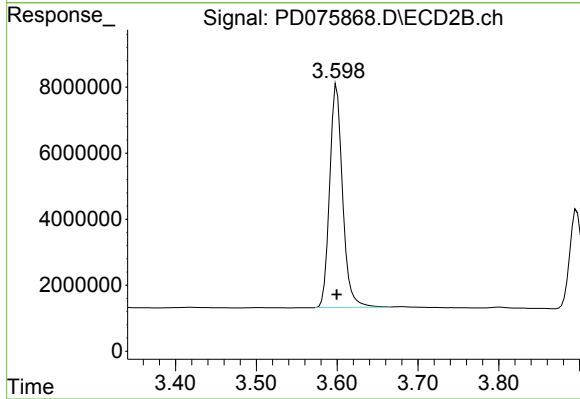
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 177832087
Conc: 52.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

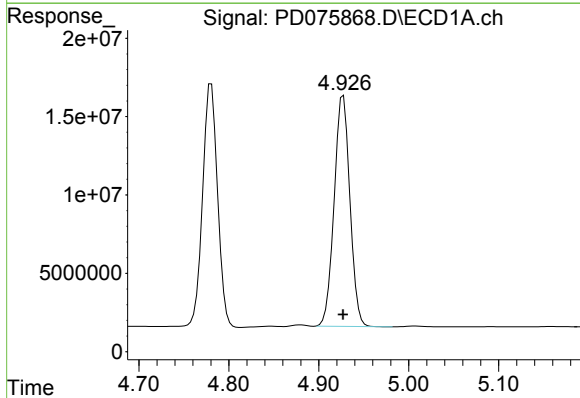
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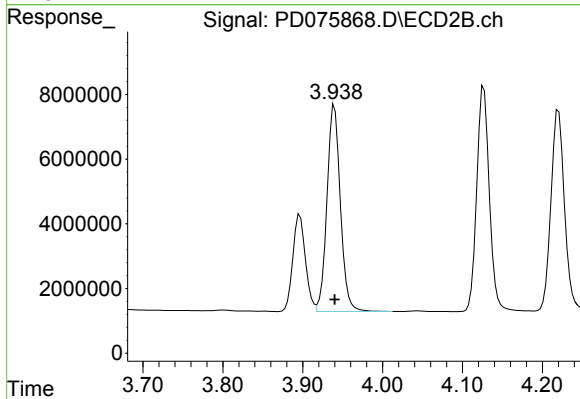
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 75405338
Conc: 51.18 ng/ml



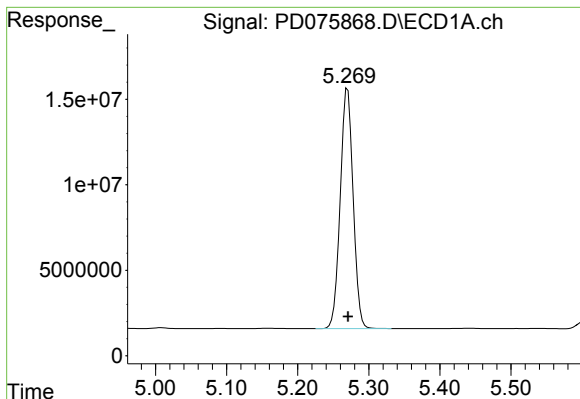
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 179320500
Conc: 50.00 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 74501333
Conc: 49.05 ng/ml



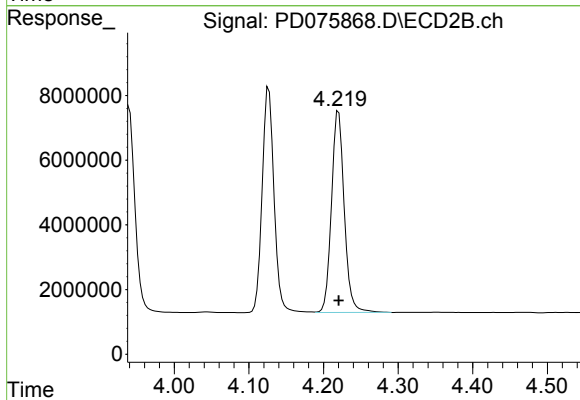
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 176953880
Conc: 50.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

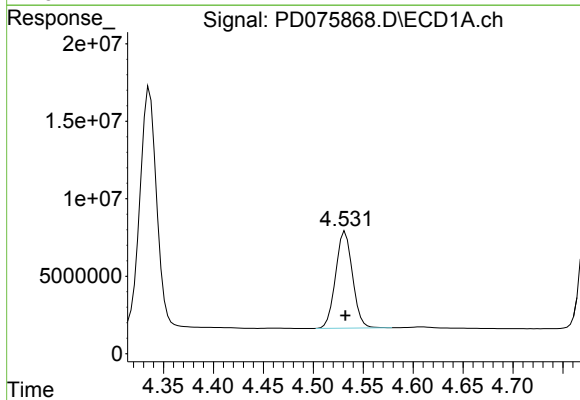
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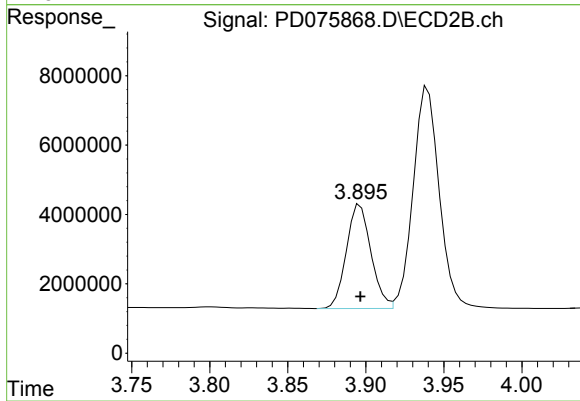
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 74306490
Conc: 49.83 ng/ml



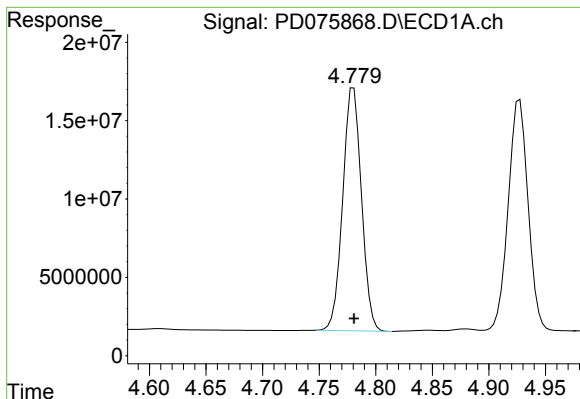
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 73595650
Conc: 51.19 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 32923056
Conc: 51.65 ng/ml



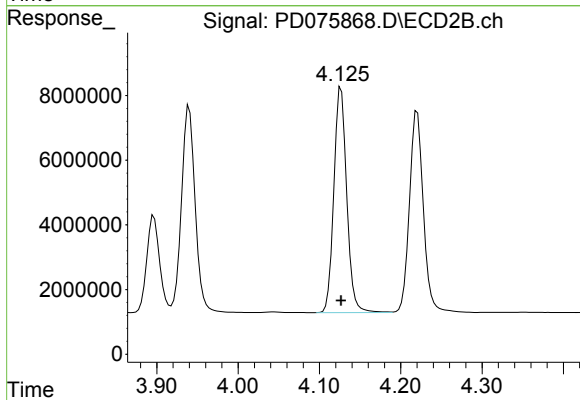
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 178673784
Conc: 53.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

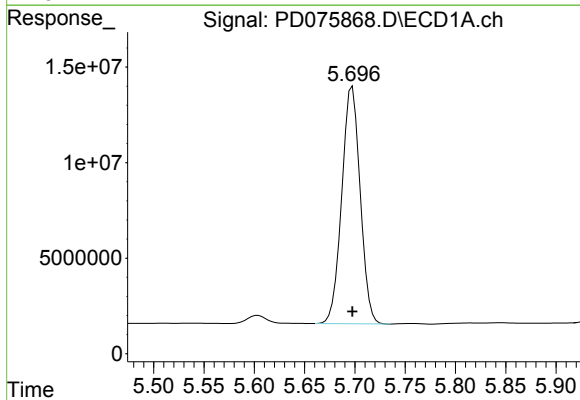
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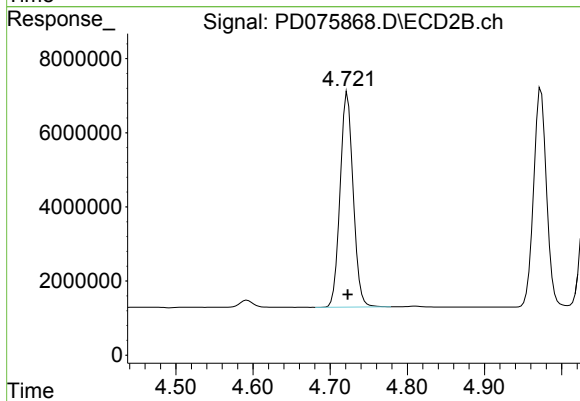
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 76788120
Conc: 52.99 ng/ml



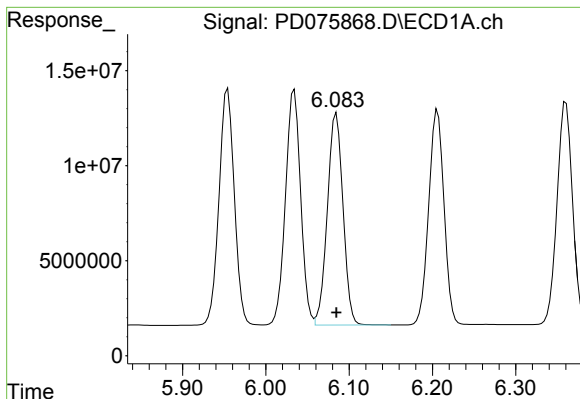
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 157820223
Conc: 48.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 67969405
Conc: 49.48 ng/ml



#9 Endosulfan I

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 145686710
Conc: 48.57 ng/ml

Instrument :

ECD_D

ClientSampleId :

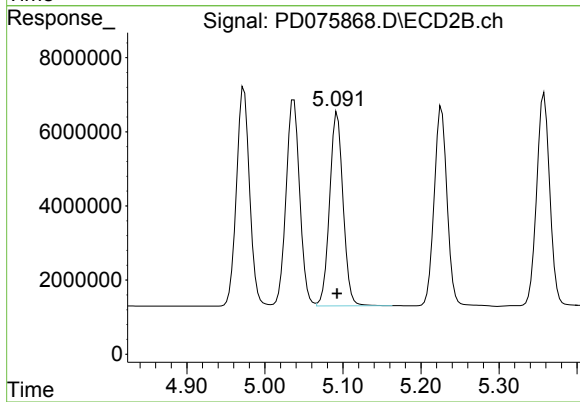
PSTDCCC050

Manual Integrations

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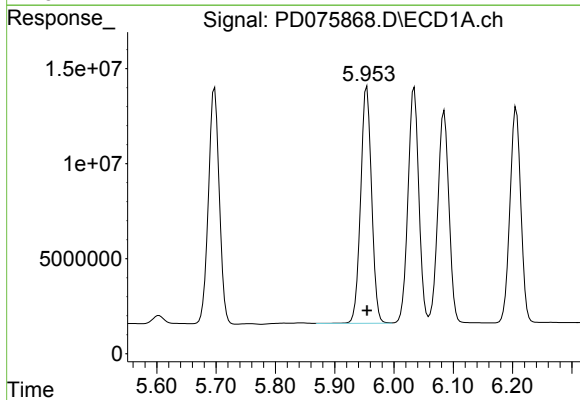
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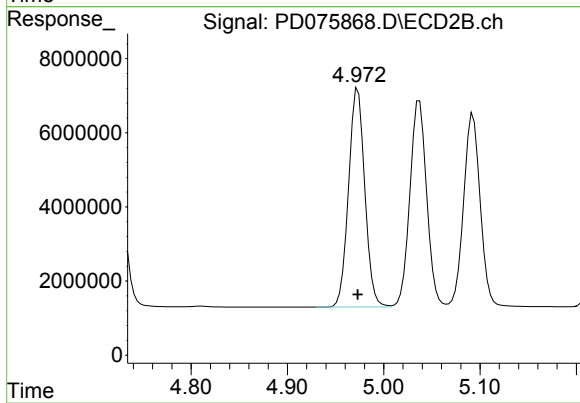
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 62621134
Conc: 48.99 ng/ml



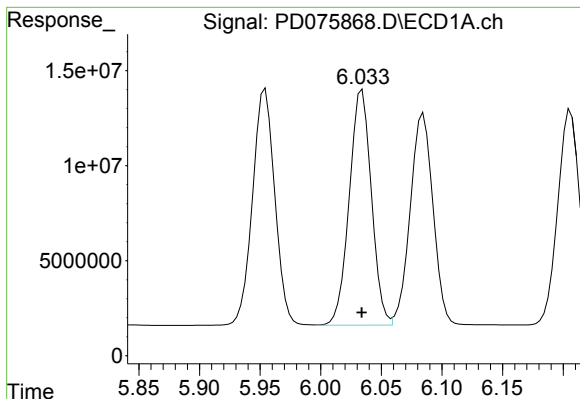
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 159199548
Conc: 49.42 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 68794491
Conc: 50.14 ng/ml



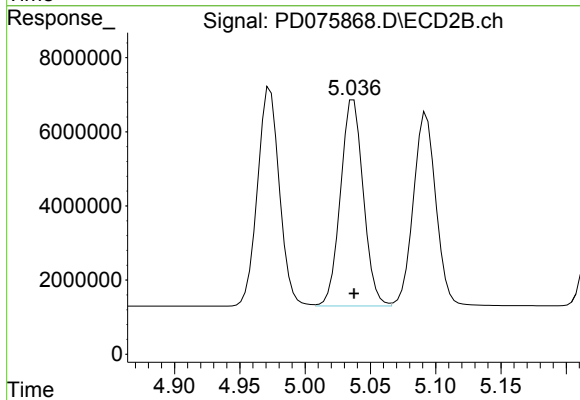
#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 157270981
Conc: 48.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

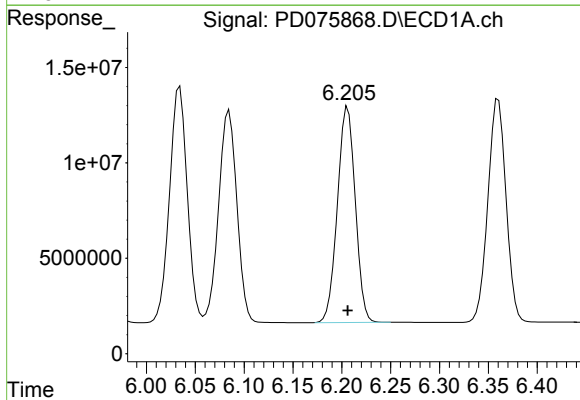
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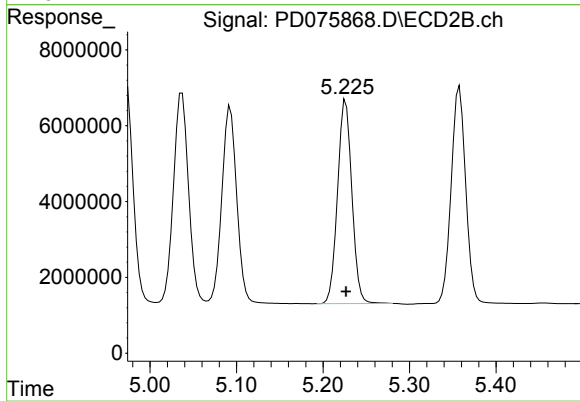
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 67776032
Conc: 49.41 ng/ml



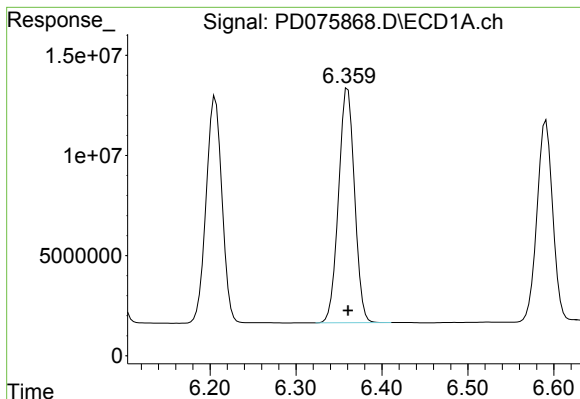
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 144072307
Conc: 50.41 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 61420433
Conc: 55.03 ng/ml



#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 151404747
Conc: 48.45 ng/ml

Instrument :

ECD_D

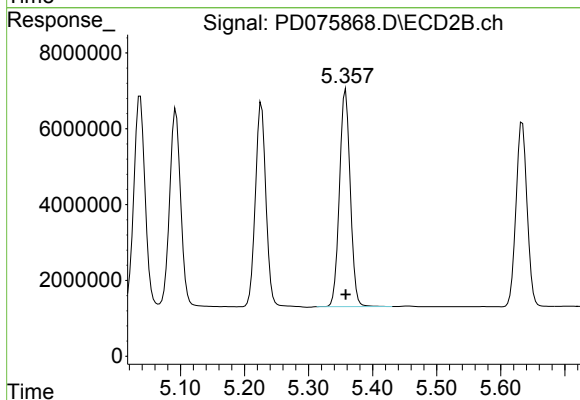
ClientSampleId :

PSTDCCC050

Manual Integrations

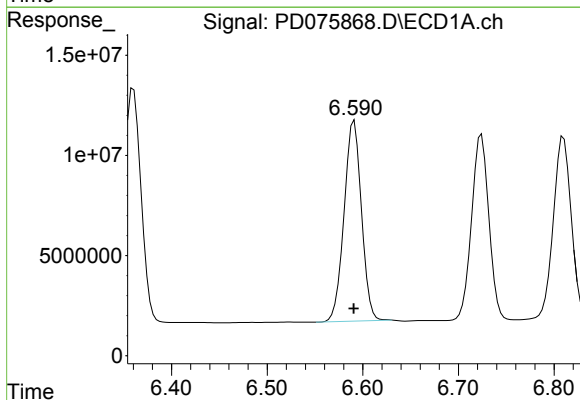
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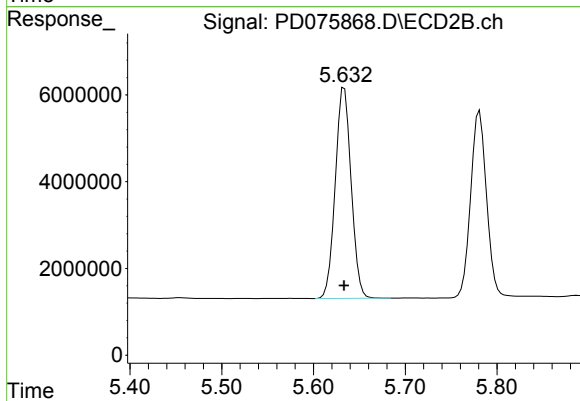
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 67072071
Conc: 49.71 ng/ml



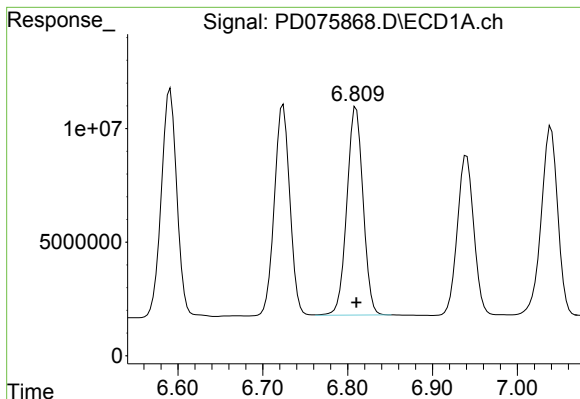
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 126782969
Conc: 47.41 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 58572723
Conc: 48.13 ng/ml



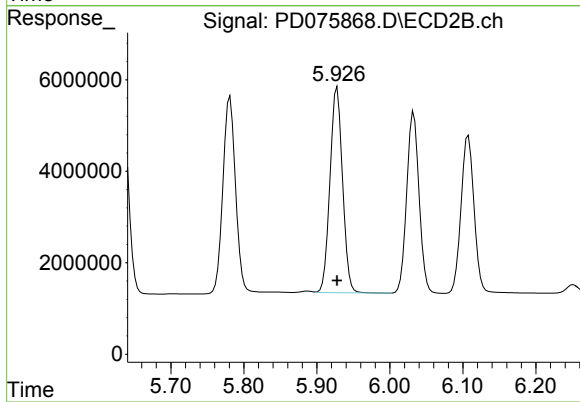
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 121345084
Conc: 46.97 ng/ml

Instrument :
ECD_D
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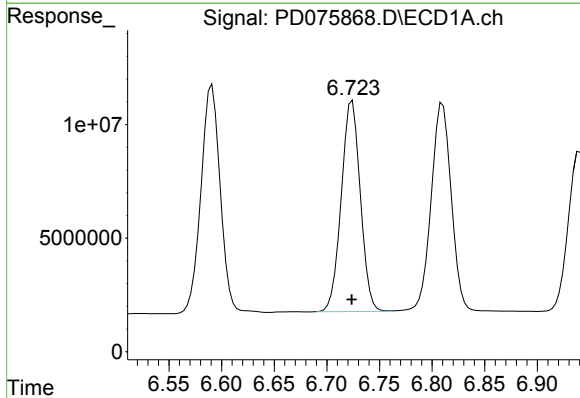
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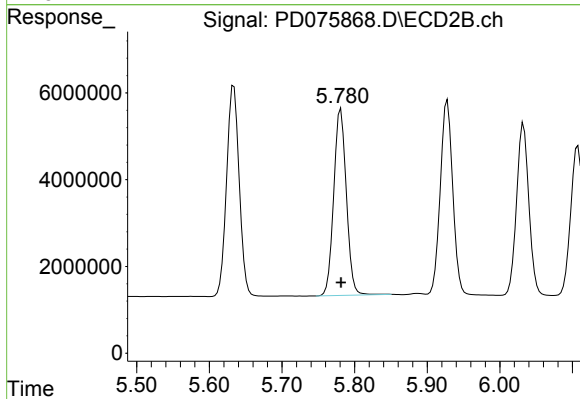
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 53714601
Conc: 49.79 ng/ml



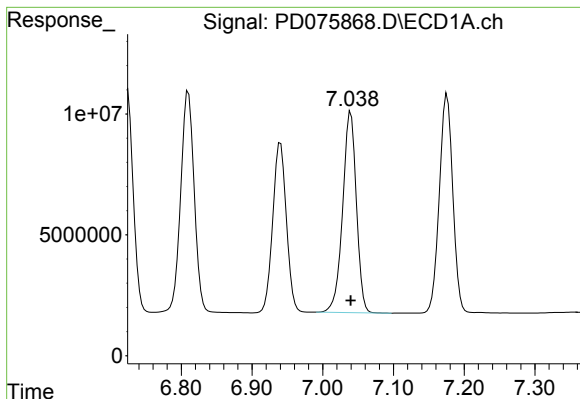
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 117276901
Conc: 51.54 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 52004572
Conc: 59.01 ng/ml



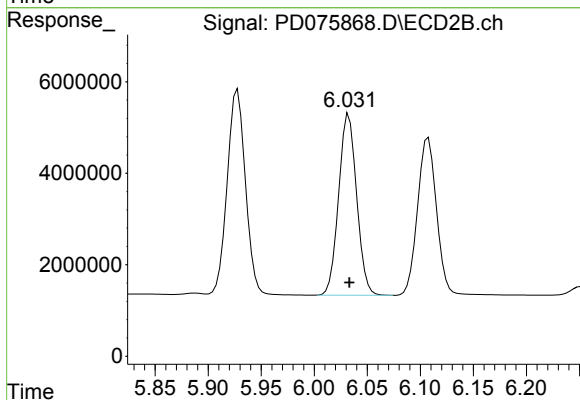
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 111941290
Conc: 49.33 ng/ml

Instrument :
ECD_D
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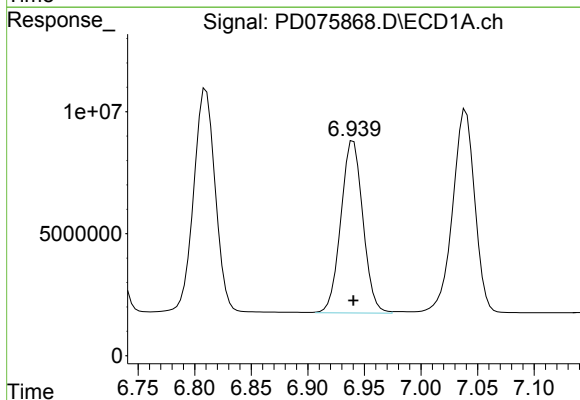
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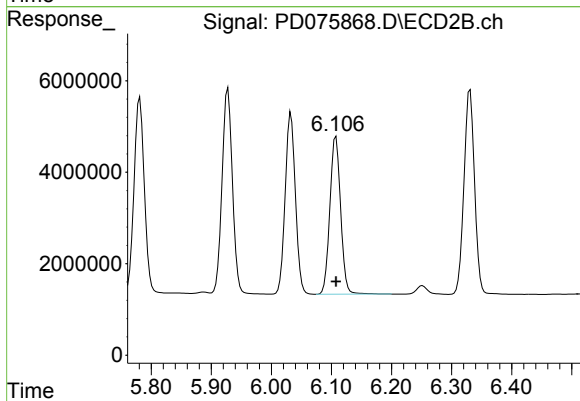
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 46758962
Conc: 57.56 ng/ml



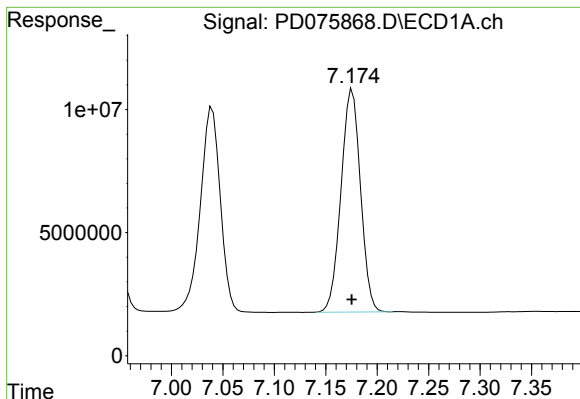
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 95897306
Conc: 47.79 ng/ml m



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 43007234
Conc: 49.69 ng/ml



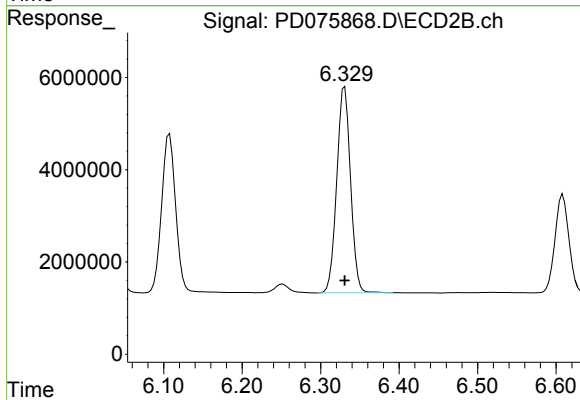
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 119168315
Conc: 47.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

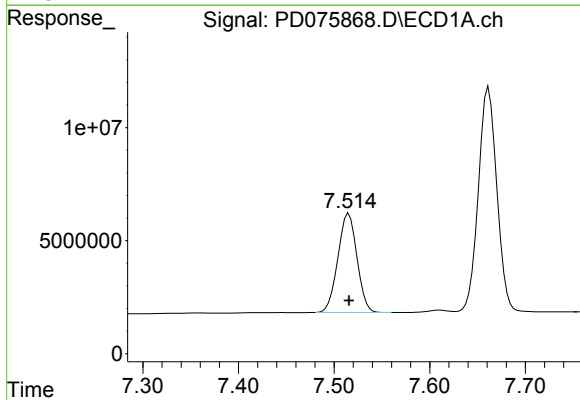
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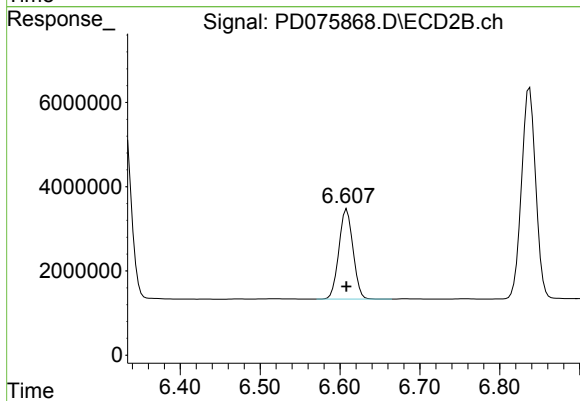
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 54606248
Conc: 50.53 ng/ml



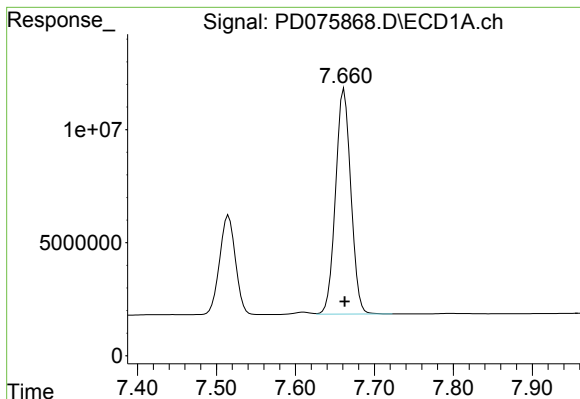
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 60844424
Conc: 47.01 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 26242795
Conc: 56.70 ng/ml



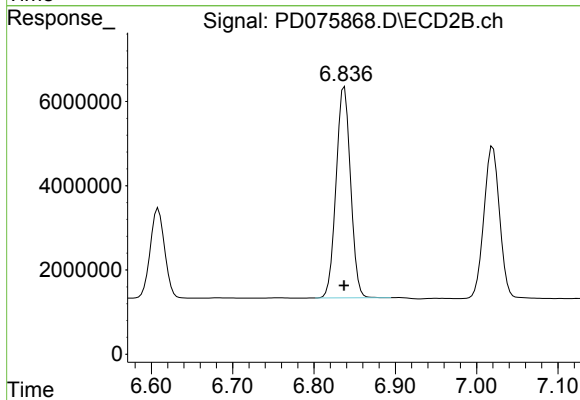
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 134124058
Conc: 48.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

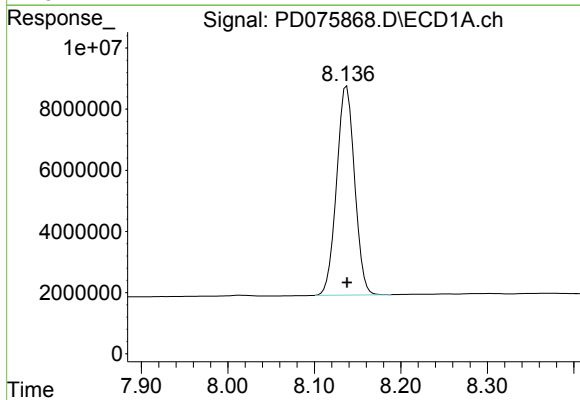
Manual Integrations
APPROVED

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



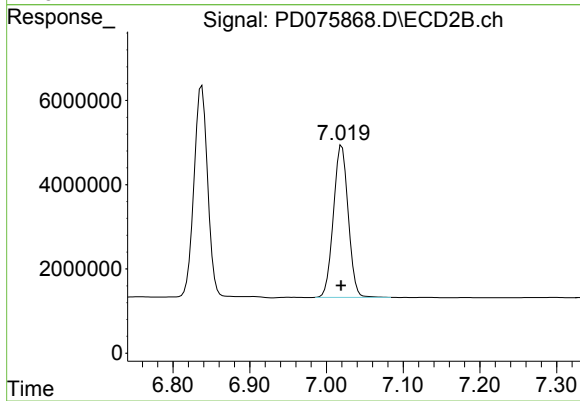
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 61947139
Conc: 50.99 ng/ml



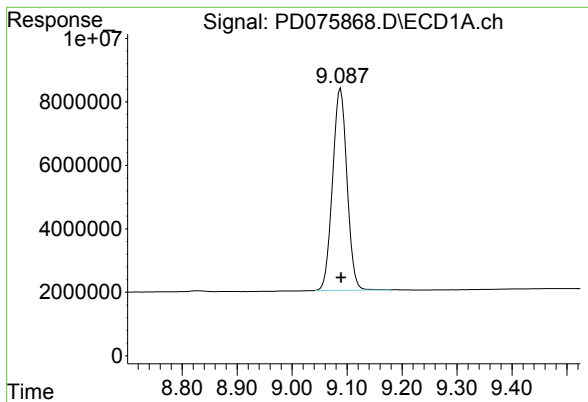
#22 Mirex

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 98510582
Conc: 45.98 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 48340972
Conc: 46.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 116019061
Conc: 45.80 ng/ml

Instrument :

ECD_D

ClientSampleId :

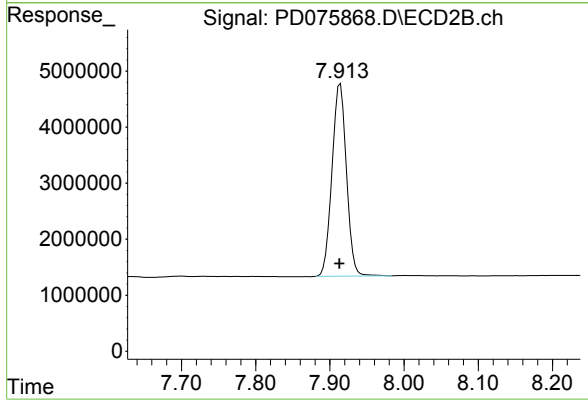
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.001 min
Response: 46585675
Conc: 47.64 ng/ml