

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
 Data File : PD075882.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 23:21
 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 17 12:44:07 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	111.4E6	54939694	52.283	50.639
28)	SA Decachlor...	9.088	7.912	122.7E6	48137653	48.420	49.231
Target Compounds							
2)	A alpha-BHC	4.003	3.270	198.5E6	82369851	53.757	51.489
3)	MA gamma-BHC...	4.336	3.600	181.5E6	75817566	53.932	51.456
4)	MA Heptachlor	4.927	3.940	184.6E6	75191898	51.477	49.506
5)	MB Aldrin	5.270	4.220	182.8E6	75599573	52.152	50.697
6)	B beta-BHC	4.532	3.896	74740080	33001092	51.985	51.774
7)	B delta-BHC	4.781	4.126	183.1E6	77348254	55.089	53.381
8)	B Heptachlo...	5.698	4.722	164.4E6	68007753	51.031	49.509
9)	A Endosulfan I	6.085	5.092	152.6E6	62151512	50.881	48.624
10)	B gamma-Chl...	5.954	4.973	169.4E6	69000916	52.601	50.288
11)	B alpha-Chl...	6.034	5.037	165.2E6	68031707	51.090	49.594
12)	B 4,4'-DDE	6.206	5.226	149.9E6	61801734	52.436	55.370
13)	MA Dieldrin	6.360	5.357	159.1E6	67954038	50.926	50.367
14)	MA Endrin	6.591	5.634	131.8E6	59034422	49.292	48.509
15)	B Endosulfa...	6.810	5.927	126.3E6	54455012	48.893	50.475
16)	A 4,4'-DDD	6.724	5.781	122.2E6	52773665	53.697	59.884
17)	MA 4,4'-DDT	7.039	6.033	116.7E6	47586579	51.405	58.583
18)	B Endrin al...	6.939	6.107	99892936	43695771	49.782m	50.487
19)	B Endosulfa...	7.175	6.330	124.4E6	55545211	49.361	51.402
20)	A Methoxychlor	7.515	6.608	62706775	26591611	48.445	57.453
21)	B Endrin ke...	7.662	6.836	140.7E6	63043111	50.517	51.889
22)	Mirex	8.137	7.018	103.1E6	49251045	48.142	46.985

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

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Data File : PD075882.D
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Acq On : 16 Jun 2023 23:21
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

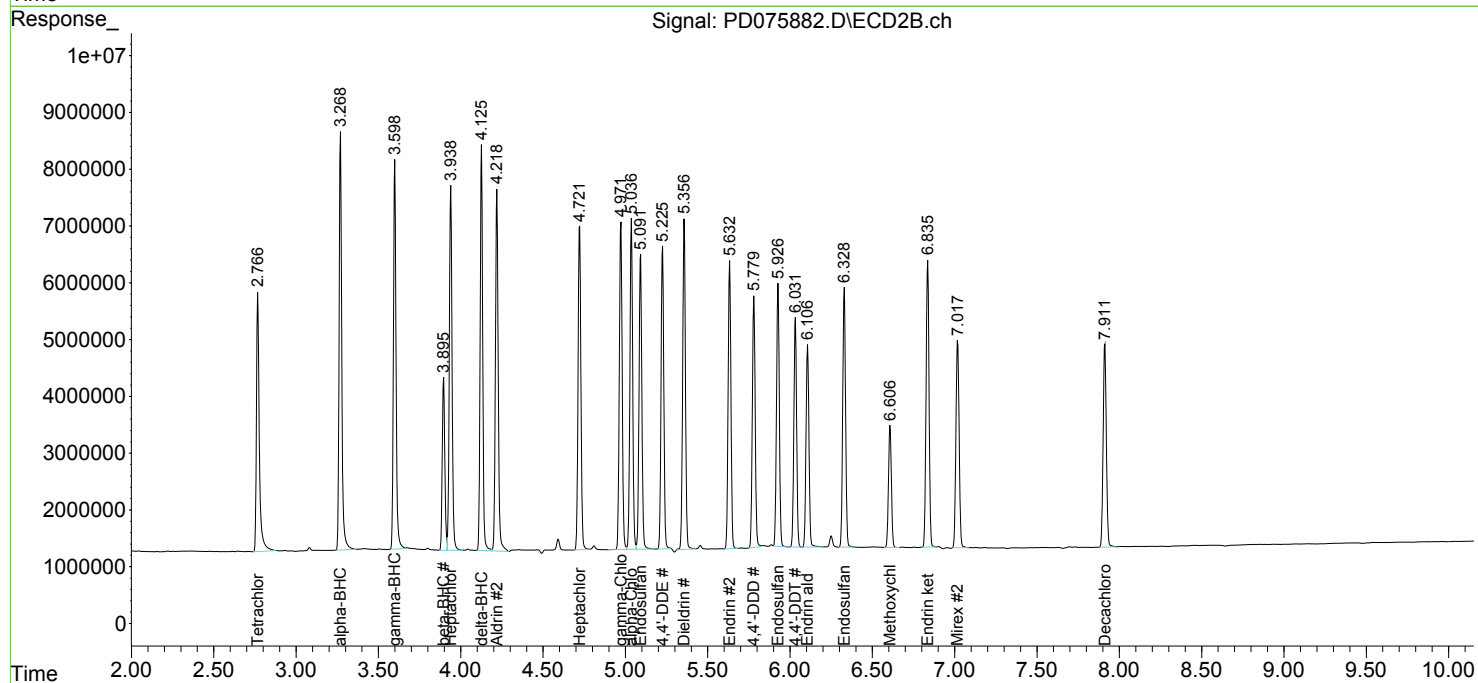
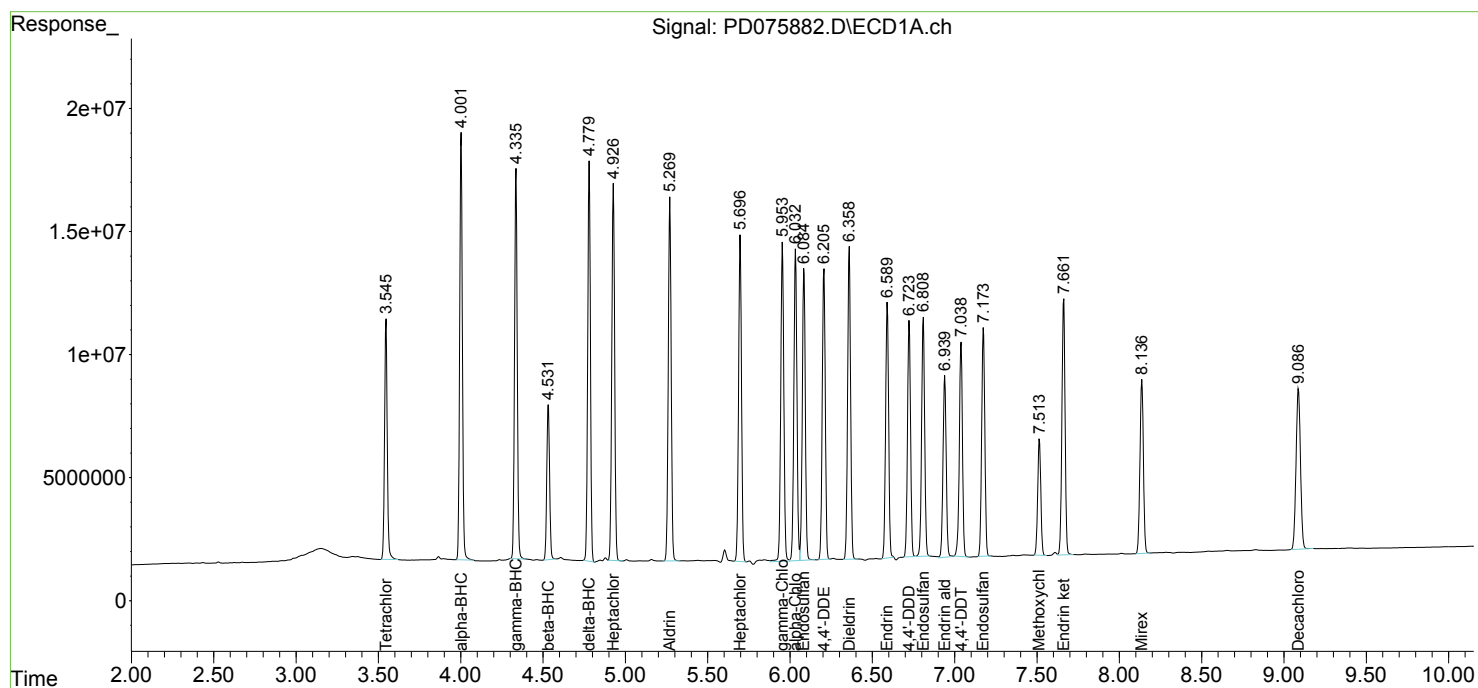
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

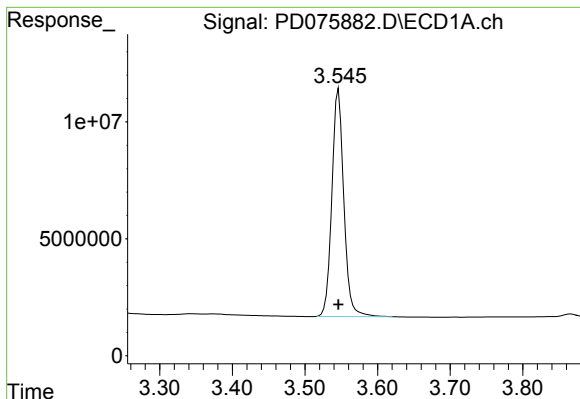
Manual Integrations
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Reviewed By : Abdul Mirza 06/19/2023
Supervised By : Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 12:44:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
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QLast Update : Fri Jun 16 10:43:19 2023
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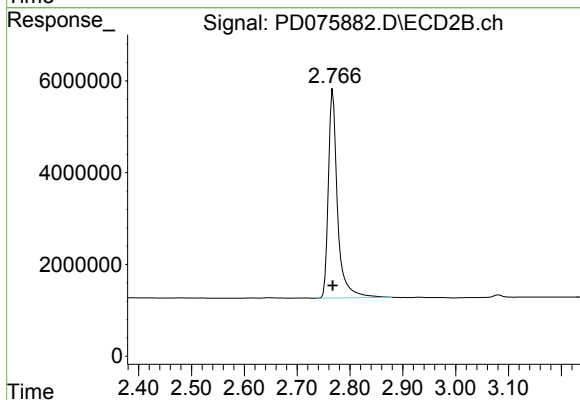
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 111370513
Conc: 52.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

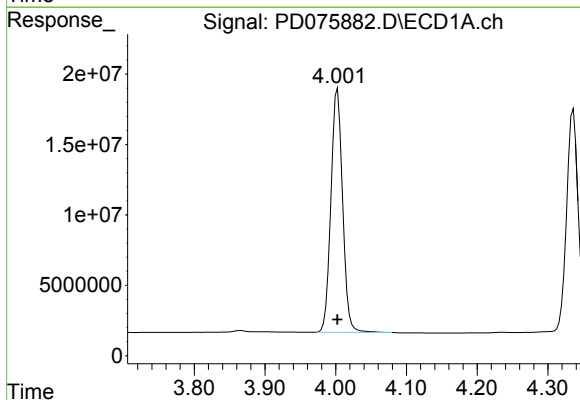
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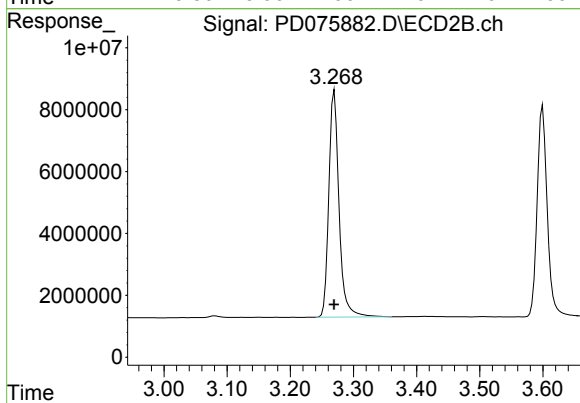
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 54939694
Conc: 50.64 ng/ml



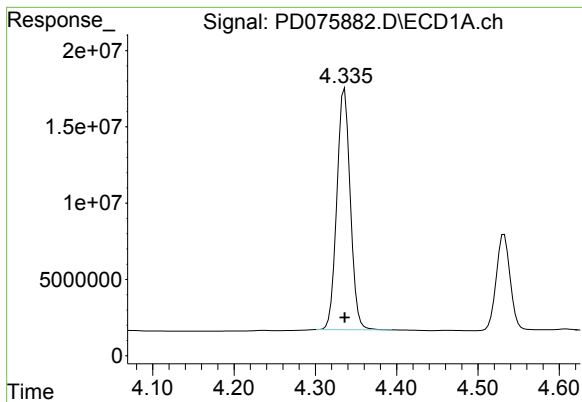
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 198475443
Conc: 53.76 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 82369851
Conc: 51.49 ng/ml



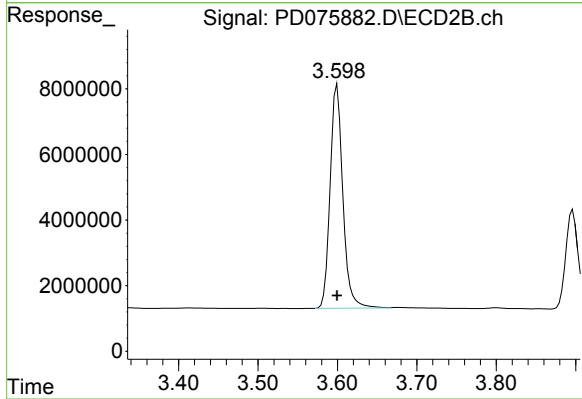
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 181476306
Conc: 53.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

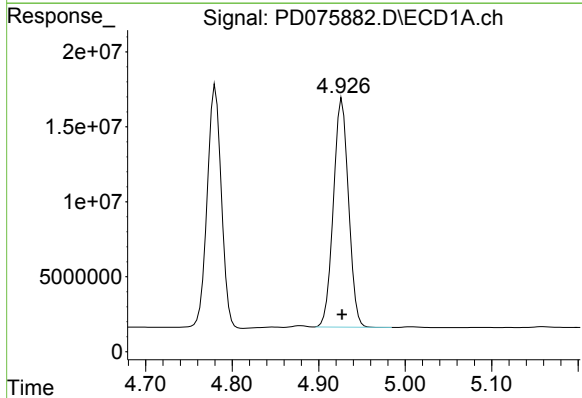
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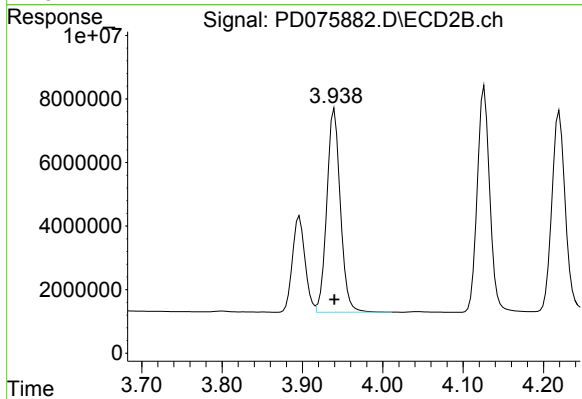
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 75817566
Conc: 51.46 ng/ml



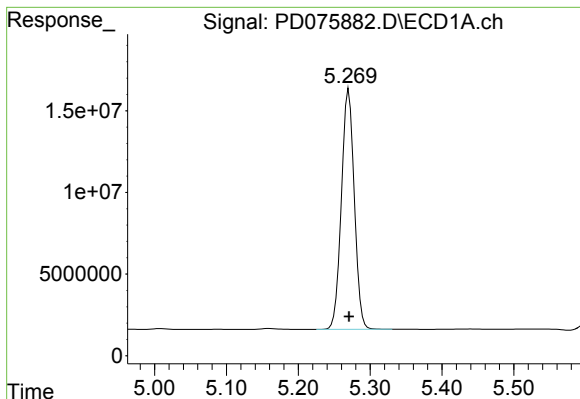
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 184627082
Conc: 51.48 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 75191898
Conc: 49.51 ng/ml



#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 182752557
Conc: 52.15 ng/ml

Instrument :

ECD_D

ClientSampleId :

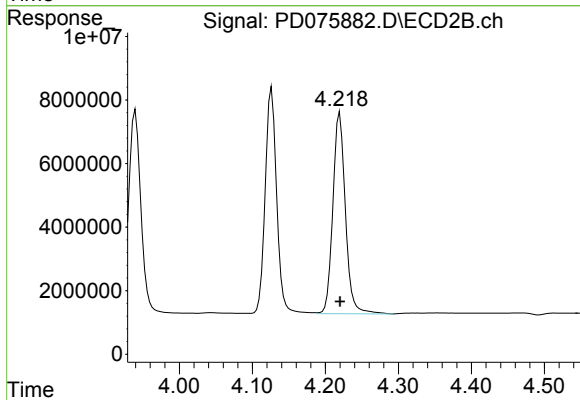
PSTDCCC050

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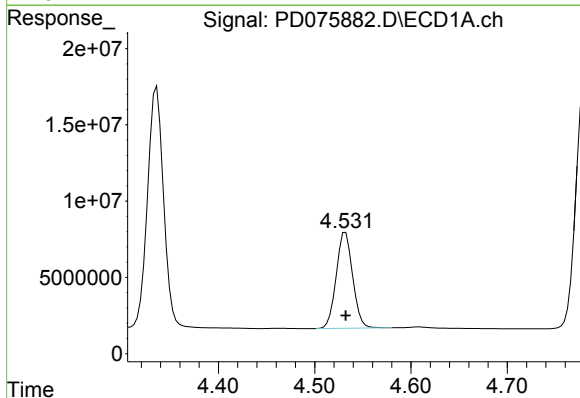
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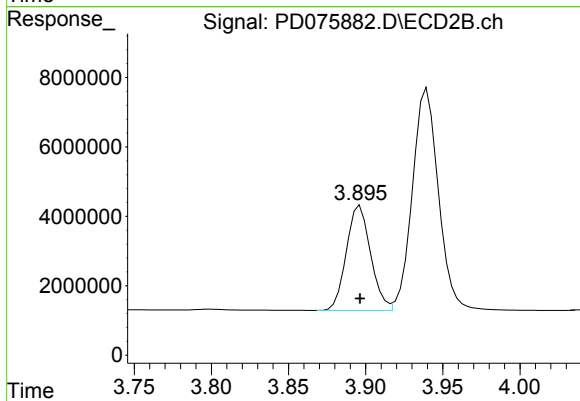
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 75599573
Conc: 50.70 ng/ml



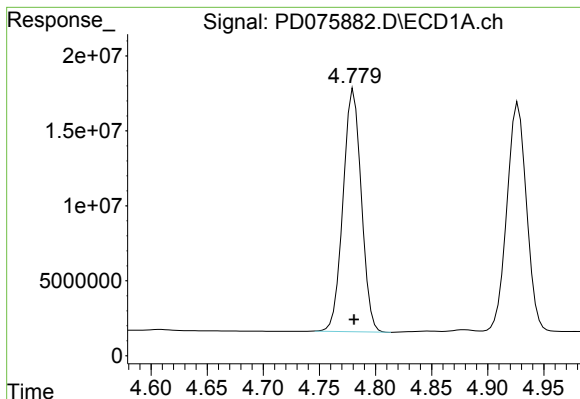
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 74740080
Conc: 51.99 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 33001092
Conc: 51.77 ng/ml



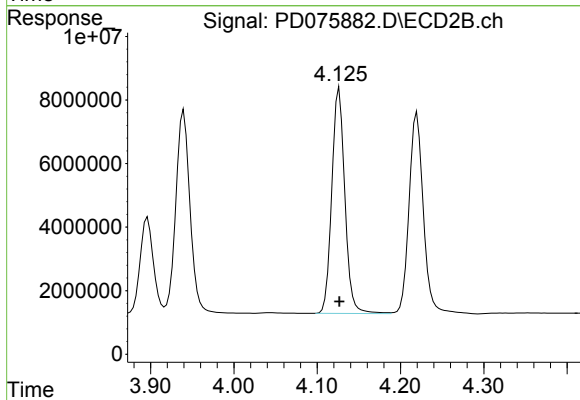
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 183097903
Conc: 55.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

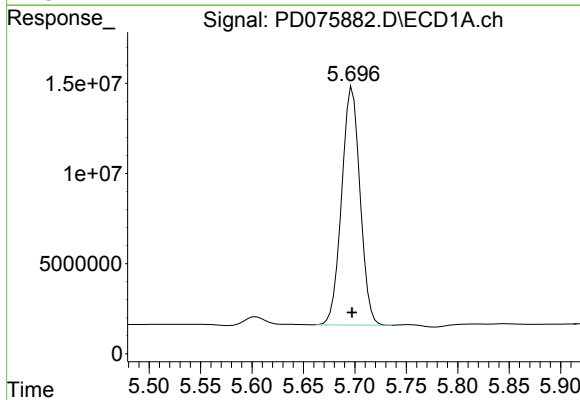
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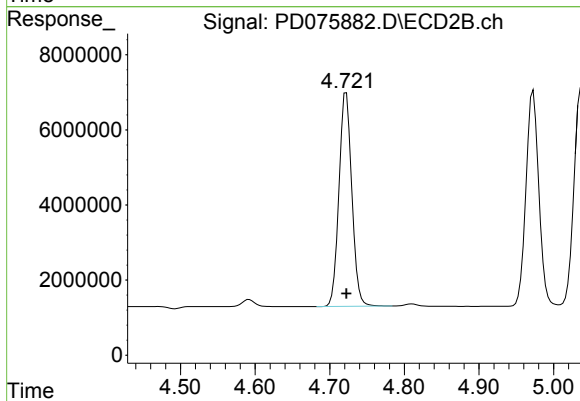
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 77348254
Conc: 53.38 ng/ml



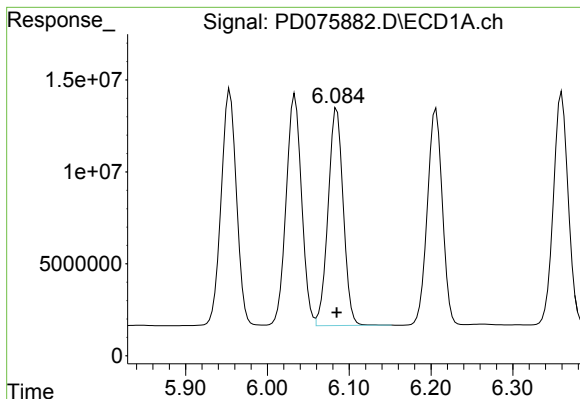
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 164436070
Conc: 51.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 68007753
Conc: 49.51 ng/ml



#9 Endosulfan I

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 152615734
Conc: 50.88 ng/ml

Instrument :

ECD_D

ClientSampleId :

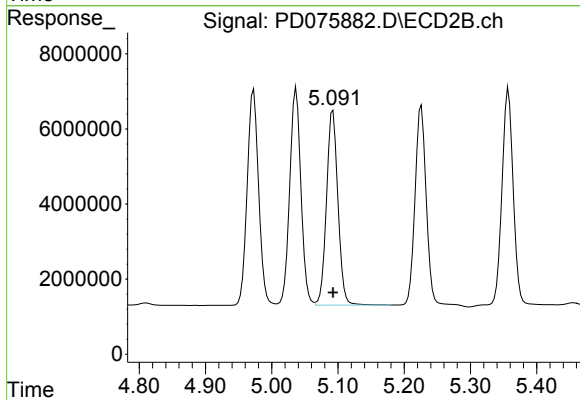
PSTDCCC050

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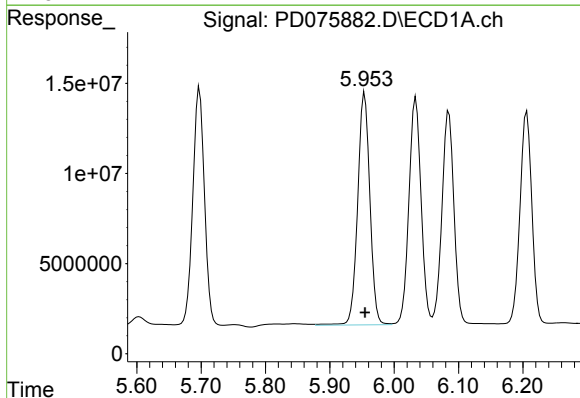
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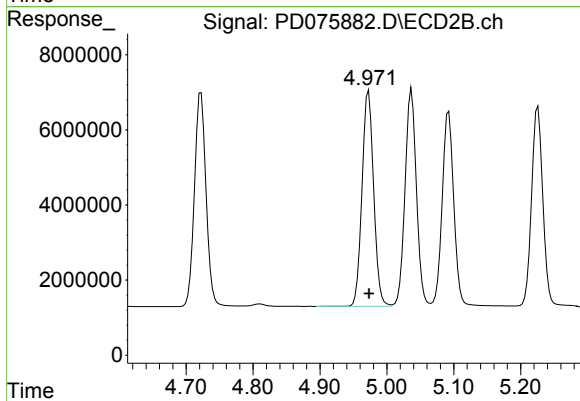
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 62151512
Conc: 48.62 ng/ml



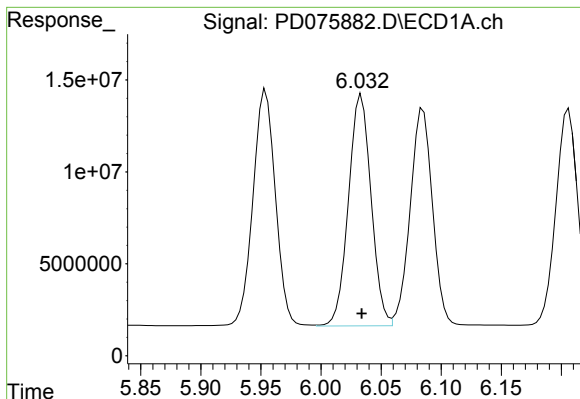
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 169444574
Conc: 52.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 69000916
Conc: 50.29 ng/ml



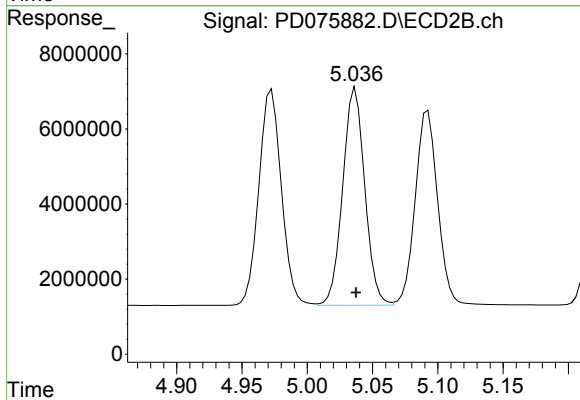
#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 165169180
Conc: 51.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

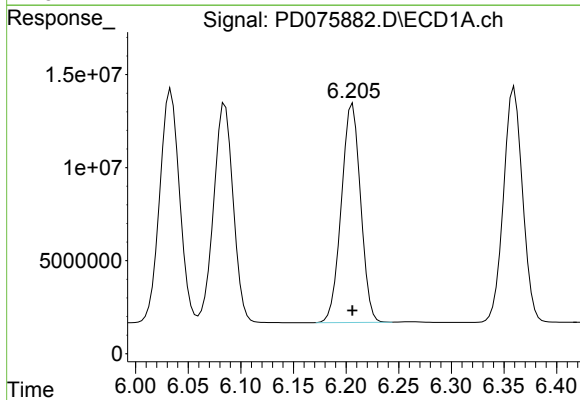
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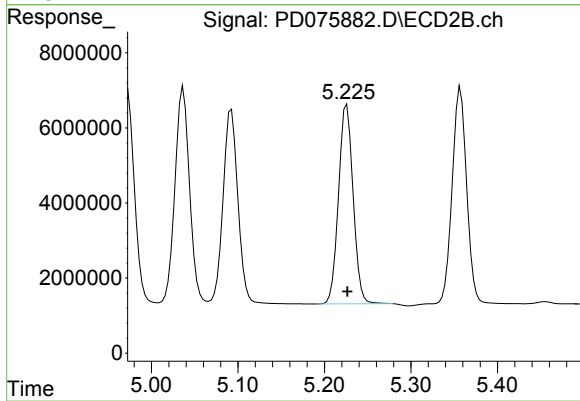
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 68031707
Conc: 49.59 ng/ml



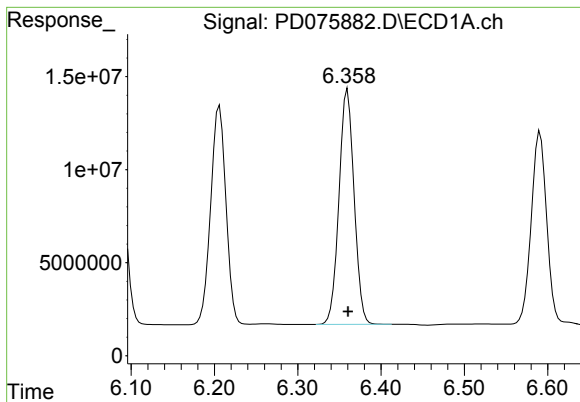
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 149871175
Conc: 52.44 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 61801734
Conc: 55.37 ng/ml



#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 159142366
Conc: 50.93 ng/ml

Instrument :

ECD_D

ClientSampleId :

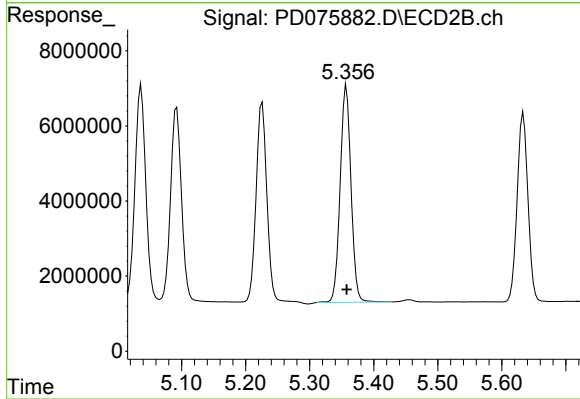
PSTDCCC050

Manual Integrations

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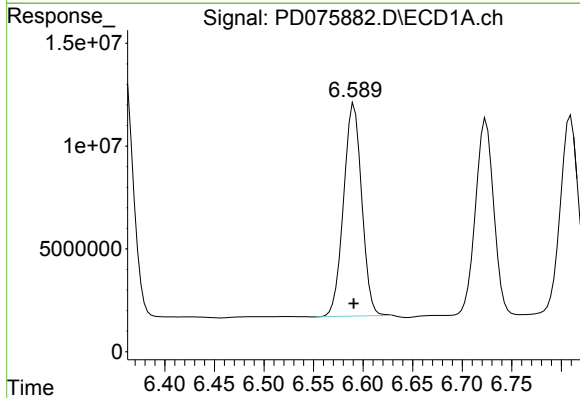
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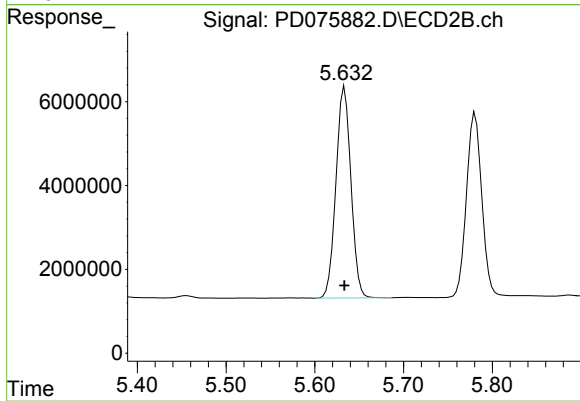
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 67954038
Conc: 50.37 ng/ml



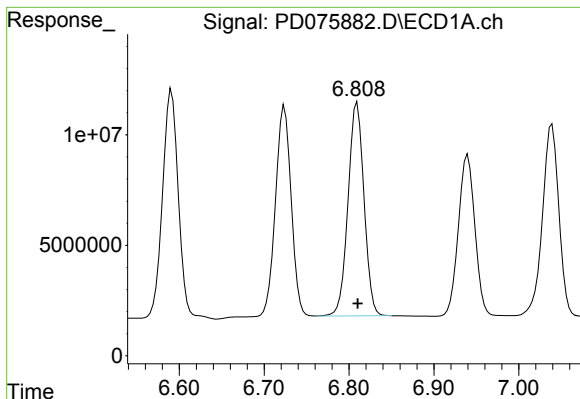
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 131824294
Conc: 49.29 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 59034422
Conc: 48.51 ng/ml



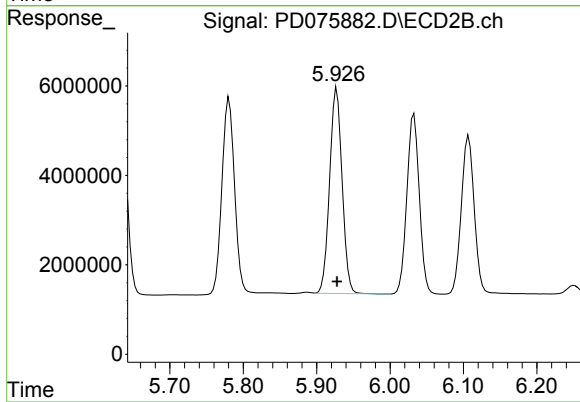
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 126320902
Conc: 48.89 ng/ml

Instrument :
ECD_D
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PSTDCCC050

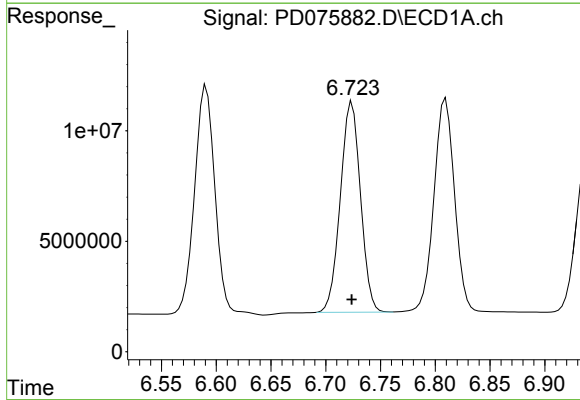
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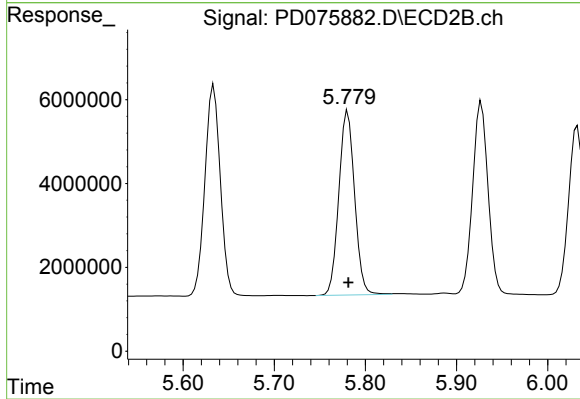
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 54455012
Conc: 50.48 ng/ml



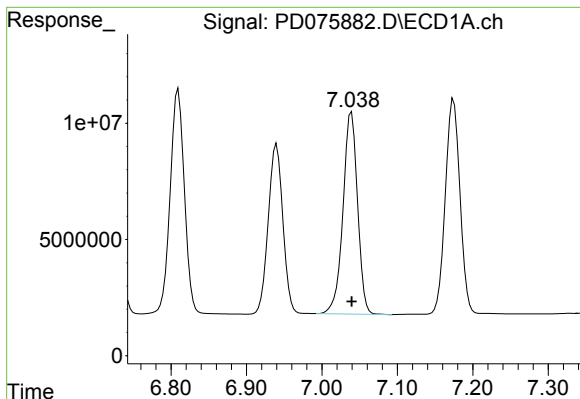
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 122193772
Conc: 53.70 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 52773665
Conc: 59.88 ng/ml



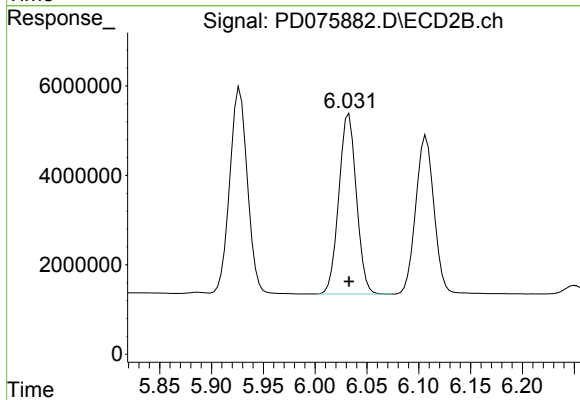
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 116650509
Conc: 51.40 ng/ml

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ECD_D
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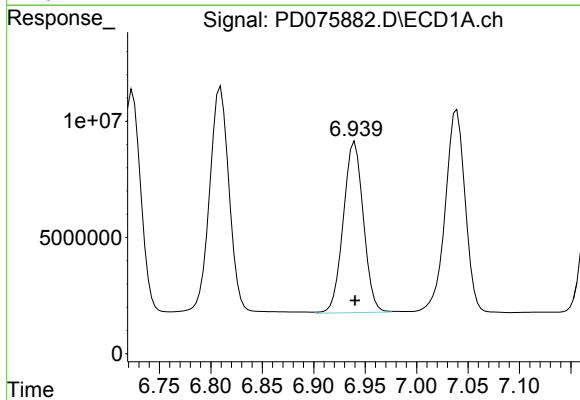
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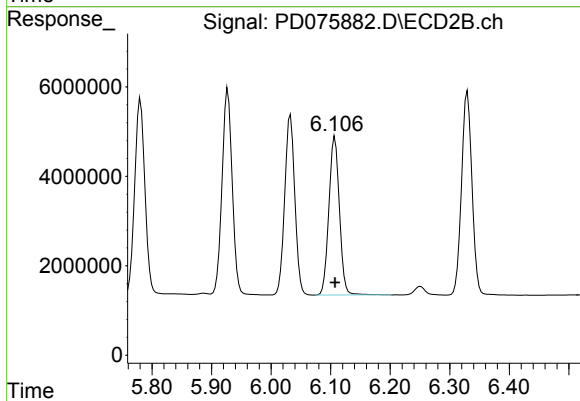
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 47586579
Conc: 58.58 ng/ml



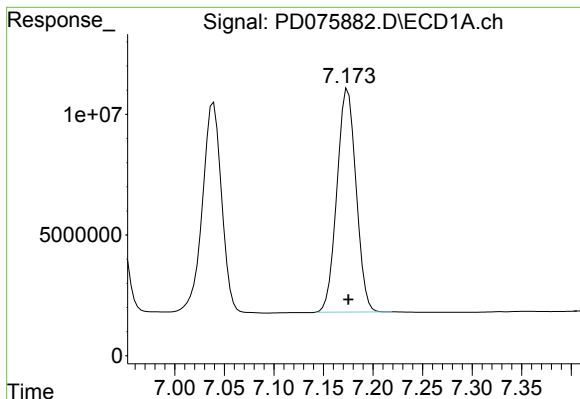
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 99892936
Conc: 49.78 ng/ml m



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 43695771
Conc: 50.49 ng/ml



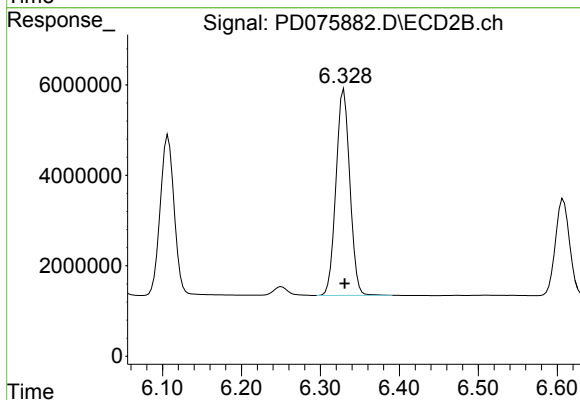
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 124358305
Conc: 49.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

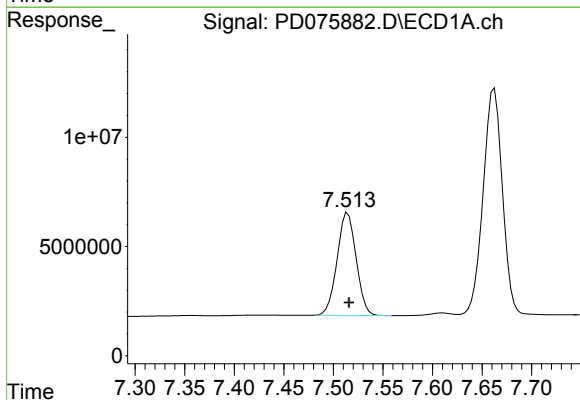
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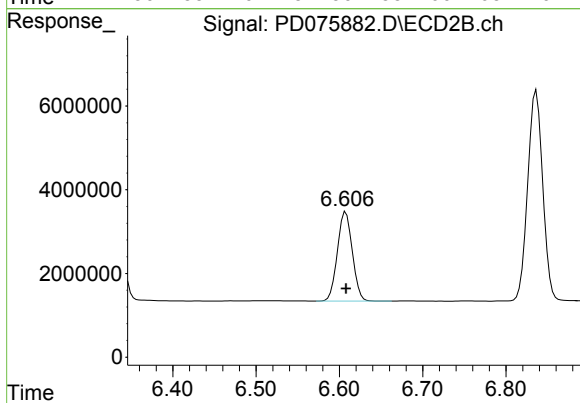
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 55545211
Conc: 51.40 ng/ml



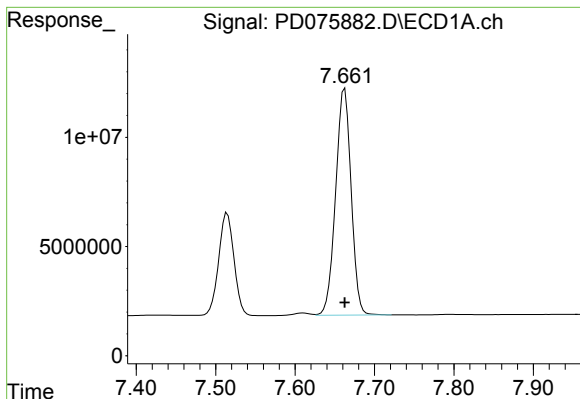
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: -0.001 min
Response: 62706775
Conc: 48.44 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 26591611
Conc: 57.45 ng/ml



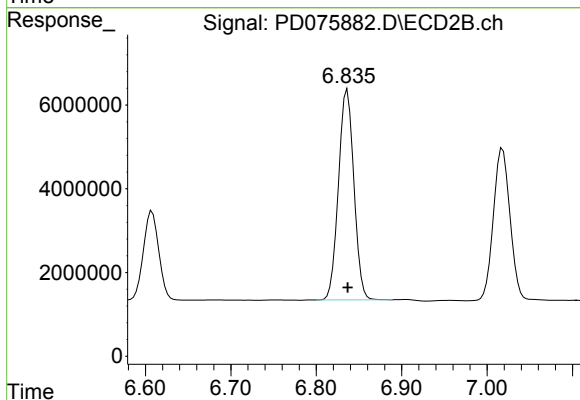
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 140737798
Conc: 50.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

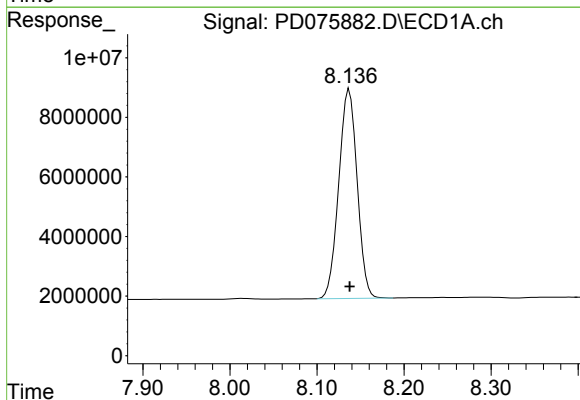
Manual Integrations
APPROVED

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



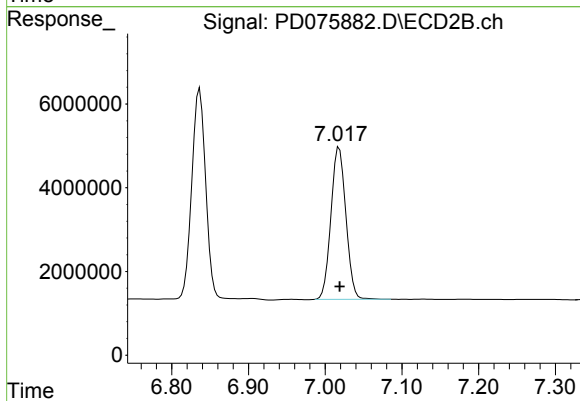
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 63043111
Conc: 51.89 ng/ml



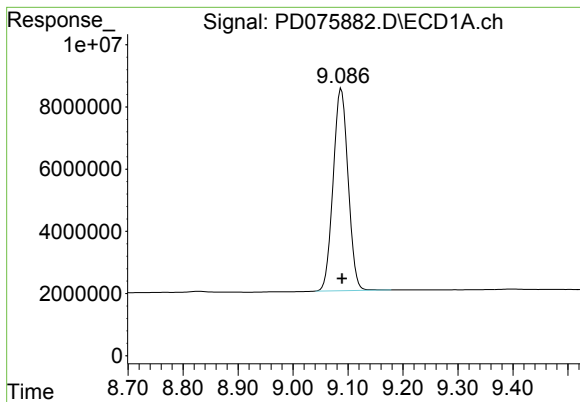
#22 Mirex

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 103147166
Conc: 48.14 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 49251045
Conc: 46.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: -0.001 min
Response: 122666430
Conc: 48.42 ng/ml

Instrument :

ECD_D

ClientSampleId :

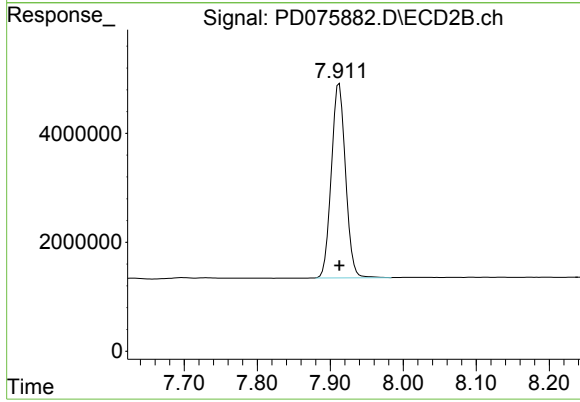
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 48137653
Conc: 49.23 ng/ml