

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
 Data File : PD075849.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 14:23
 Operator : AR\AJ
 Sample : PB153315BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB153315BSD

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 21:53:12 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...	3.547	2.768	44291137	22244108	20.793	20.503
28)	SA Decachlor...	9.093	7.916	53576016	22539082	21.148	23.051
Target Compounds							
2)	A alpha-BHC	4.003	3.270	183.9E6	76570297	49.803	47.864
3)	MA gamma-BHC...	4.337	3.600	165.6E6	70790271	49.217	48.045
4)	MA Heptachlor	4.929	3.940	171.5E6	70968587	47.806	46.725
5)	MB Aldrin	5.272	4.221	168.3E6	70940991	48.026	47.573
6)	B beta-BHC	4.533	3.897	69040659	30688872	48.021	48.146
7)	B delta-BHC	4.782	4.127	164.6E6	70587746	49.533	48.715
8)	B Heptachlo...	5.700	4.723	152.1E6	63353075	47.198	46.121
9)	A Endosulfan I	6.087	5.094	141.6E6	57926224	47.205	45.318
10)	B gamma-Chl...	5.957	4.974	158.4E6	64126447	49.171	46.735
11)	B alpha-Chl...	6.036	5.038	152.4E6	63379417	47.150	46.203
12)	B 4,4'-DDE	6.208	5.227	137.5E6	57343418	48.097	51.375
13)	MA Dieldrin	6.363	5.359	146.4E6	64017119	46.858	47.449
14)	MA Endrin	6.593	5.635	124.9E6	56540276	46.707	46.459
15)	B Endosulfa...	6.813	5.929	117.2E6	50718709	45.346	47.012
16)	A 4,4'-DDD	6.727	5.783	112.3E6	48024453	49.351	54.495
17)	MA 4,4'-DDT	7.042	6.035	109.5E6	43710408	48.263	53.811
18)	B Endrin al...	6.942	6.109	92670162	40465384	46.183m	46.754
19)	B Endosulfa...	7.178	6.332	114.5E6	51539875	45.439	47.695
20)	A Methoxychlor	7.519	6.610	59366325	24944670	45.864	53.894
21)	B Endrin ke...	7.665	6.839	129.1E6	58412353	46.331	48.078
22)	Mirex	8.141	7.021	95041031	47255150	44.359	45.081

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
Data File : PD075849.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2023 14:23
Operator : AR\AJ
Sample : PB153315BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

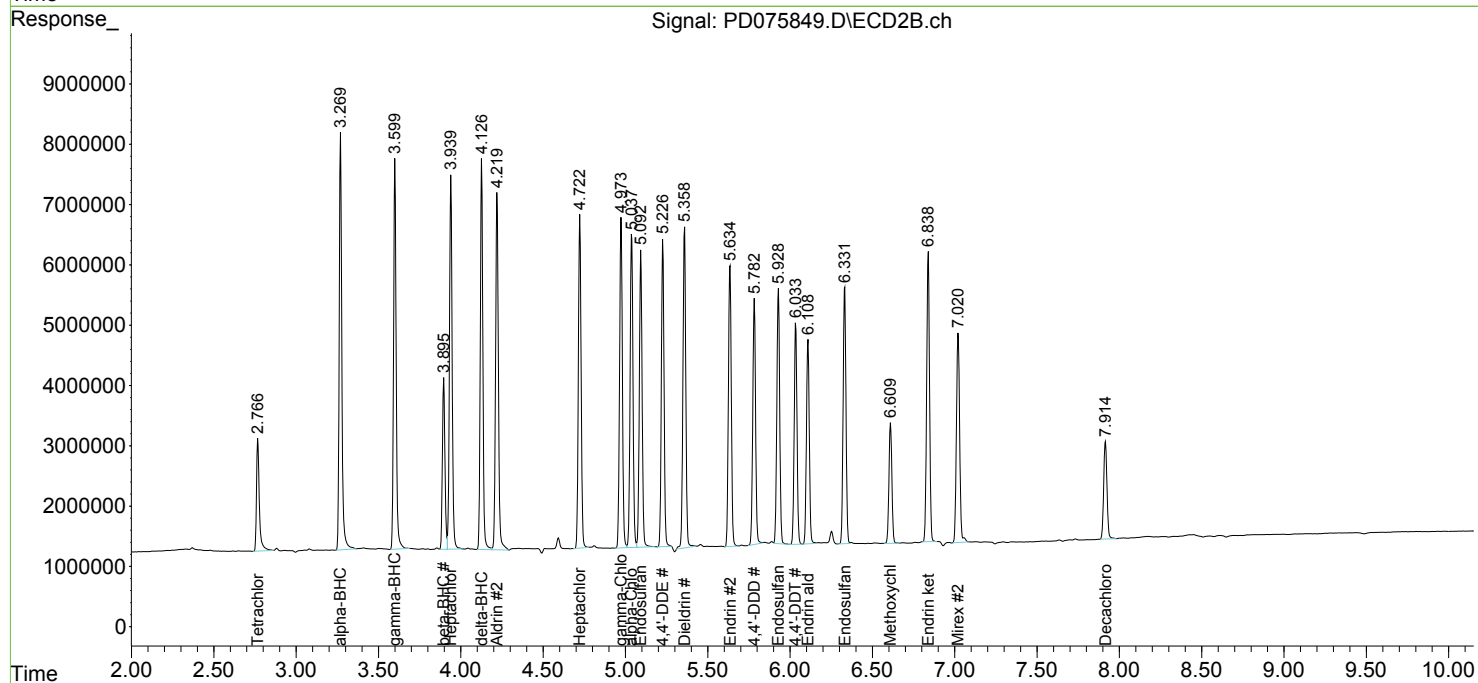
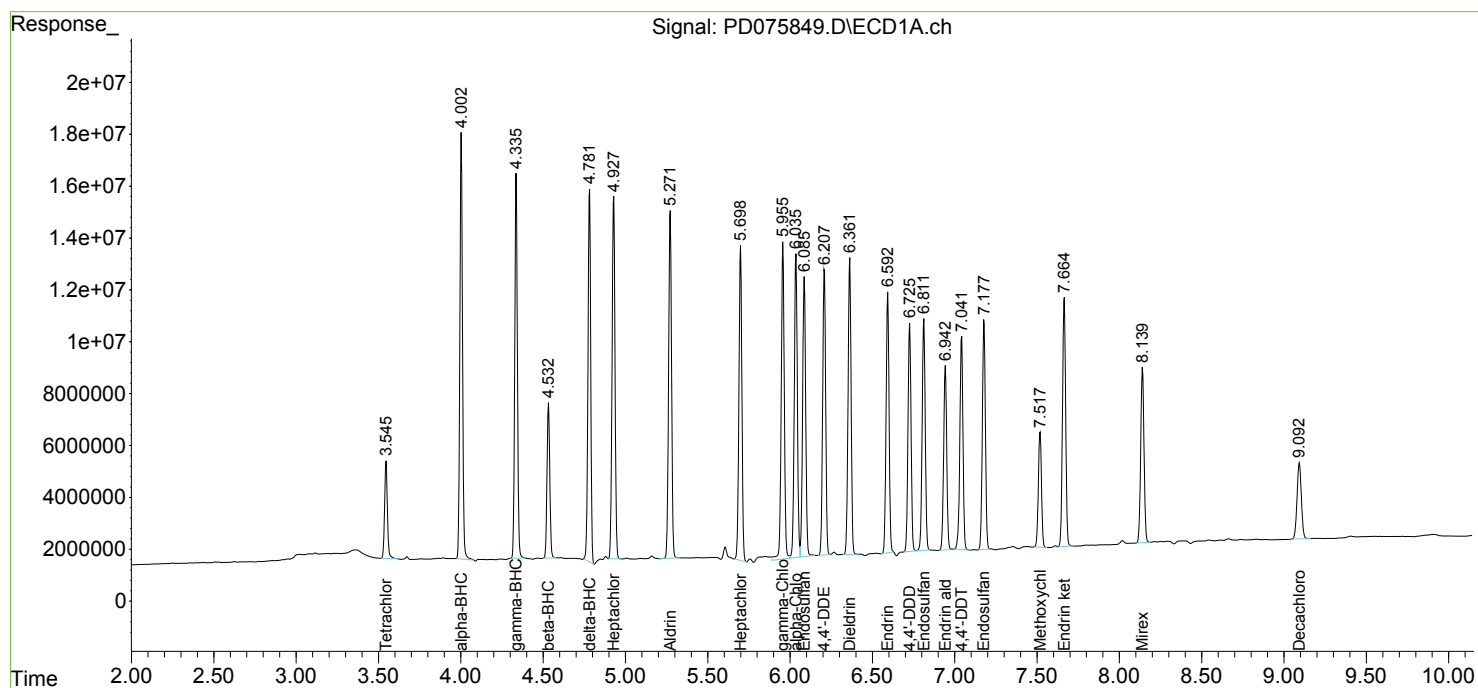
Instrument :
ECD_D
ClientSampleId :
PB153315BSD

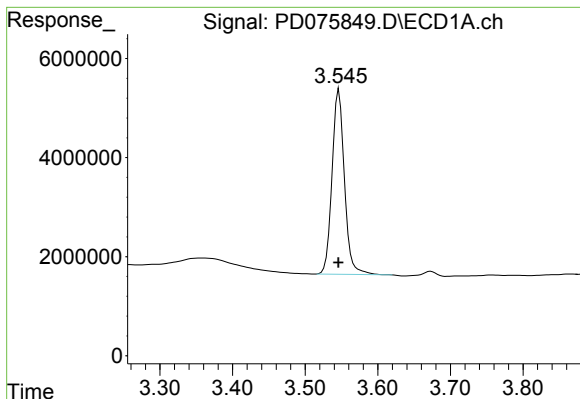
Manual Integrations
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Reviewed By :Abdul Mirza 06/19/2023
Supervised By :Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 21:53:12 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





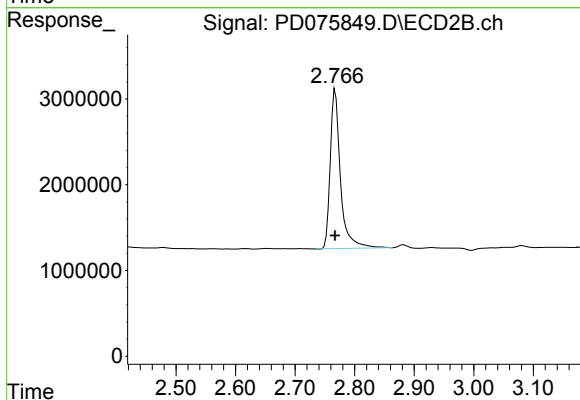
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 44291137
Conc: 20.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153315BSD

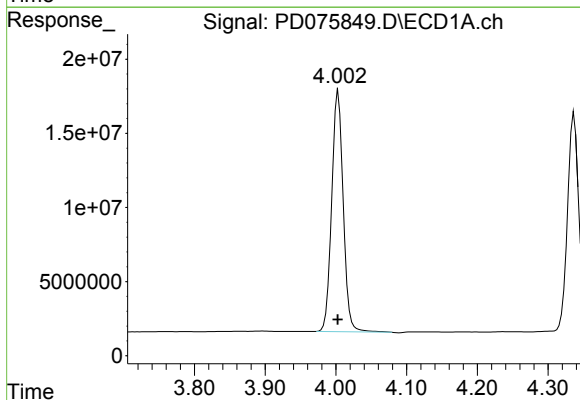
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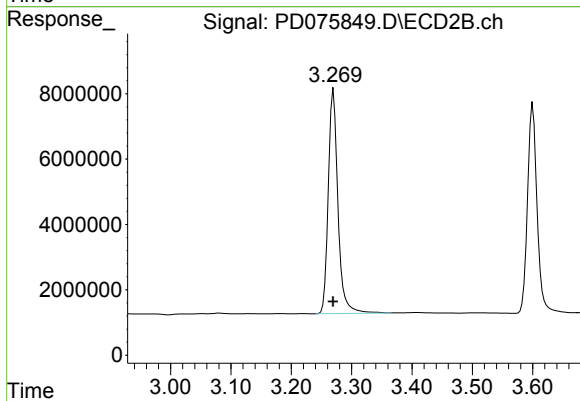
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 22244108
Conc: 20.50 ng/ml



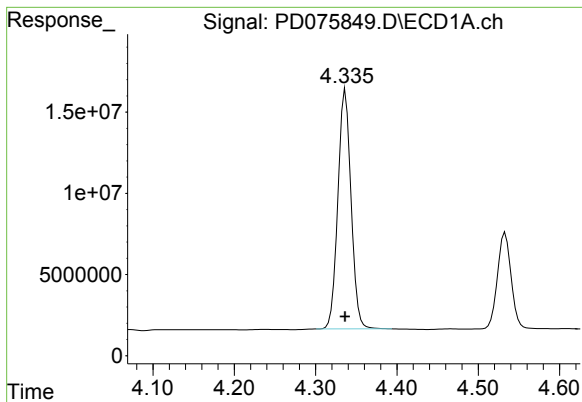
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 183878335
Conc: 49.80 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 76570297
Conc: 47.86 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 165611710
Conc: 49.22 ng/ml

Instrument :

ECD_D

ClientSampleId :

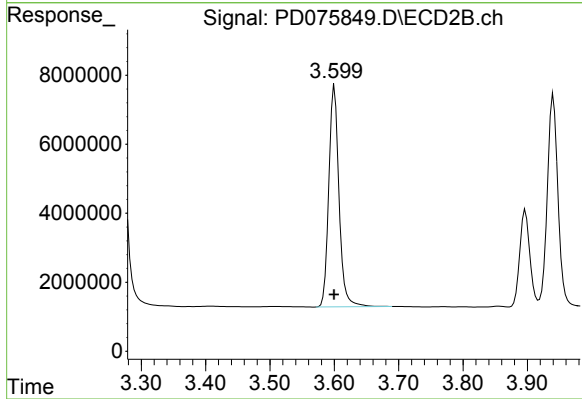
PB153315BSD

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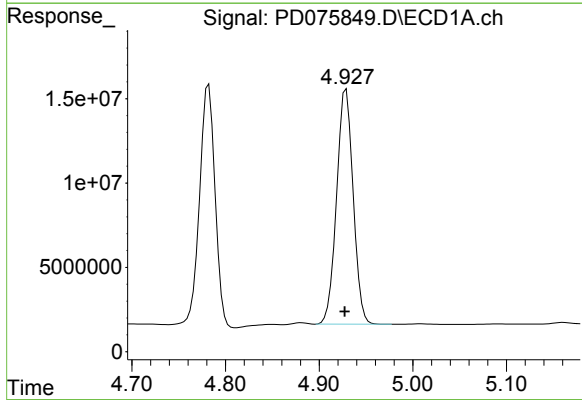
Reviewed By :Abdul Mirza 06/19/2023

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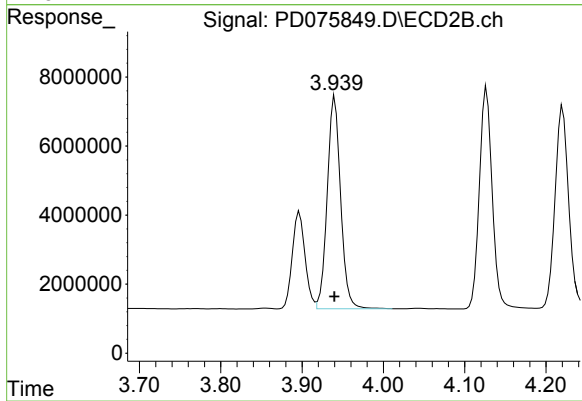
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 70790271
Conc: 48.04 ng/ml



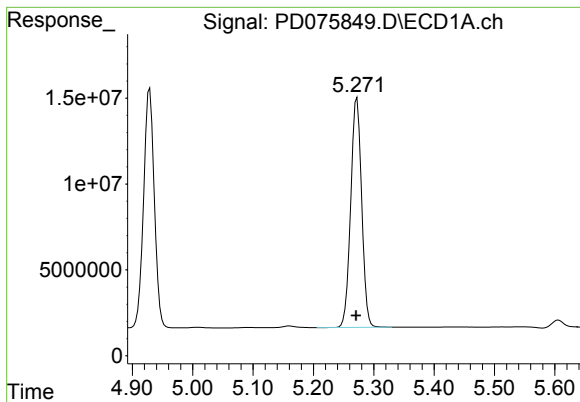
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 171460723
Conc: 47.81 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 70968587
Conc: 46.73 ng/ml



#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 168293869
Conc: 48.03 ng/ml

Instrument :

ECD_D

ClientSampleId :

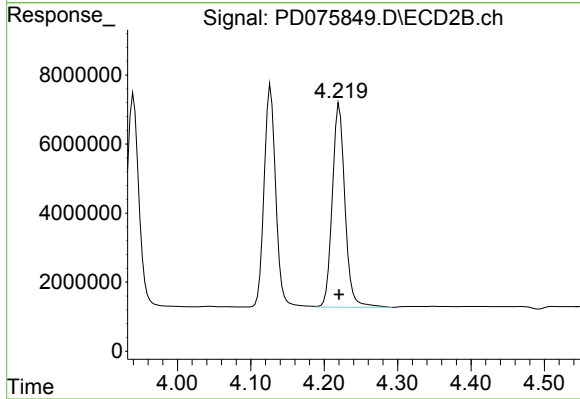
PB153315BSD

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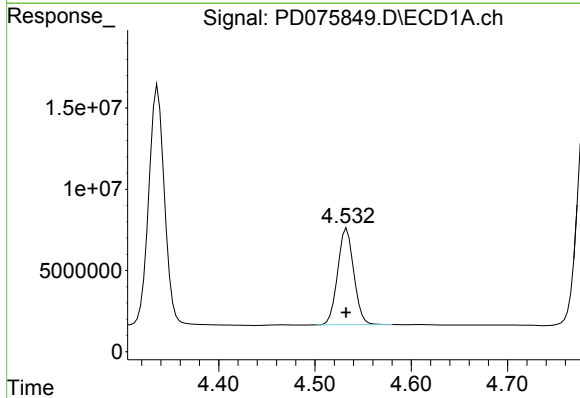
Reviewed By :Abdul Mirza 06/19/2023

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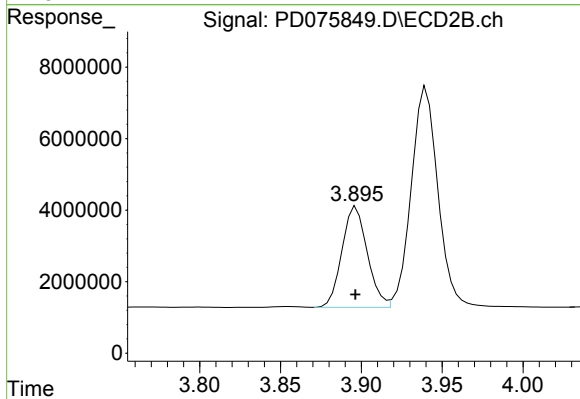
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 70940991
Conc: 47.57 ng/ml



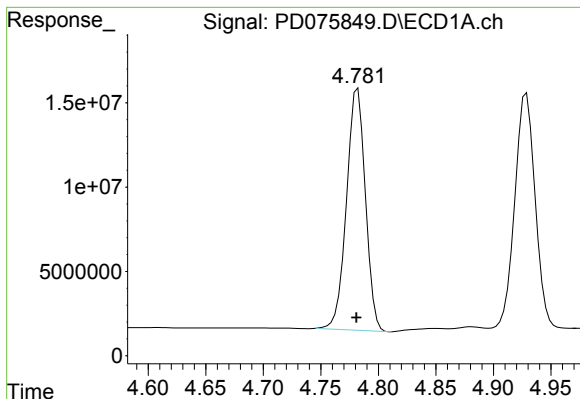
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.001 min
Response: 69040659
Conc: 48.02 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 30688872
Conc: 48.15 ng/ml



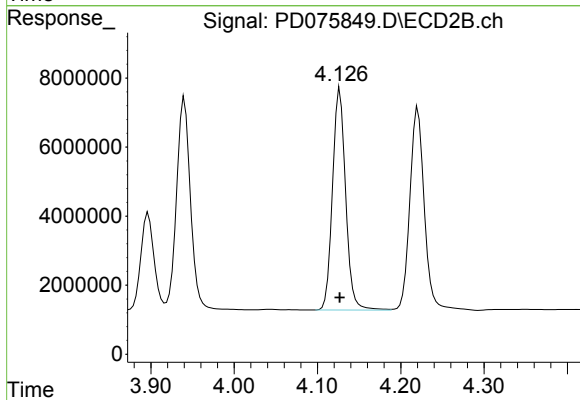
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.001 min
Response: 164629014
Conc: 49.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153315BSD

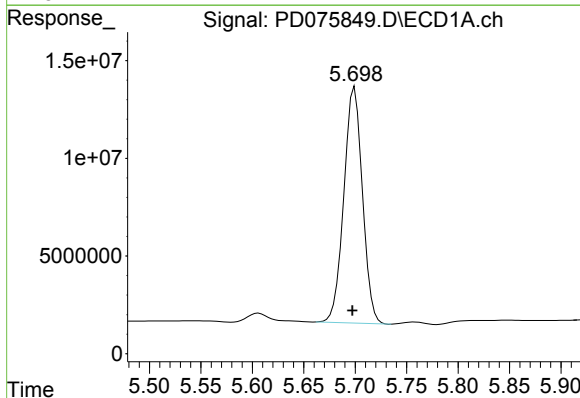
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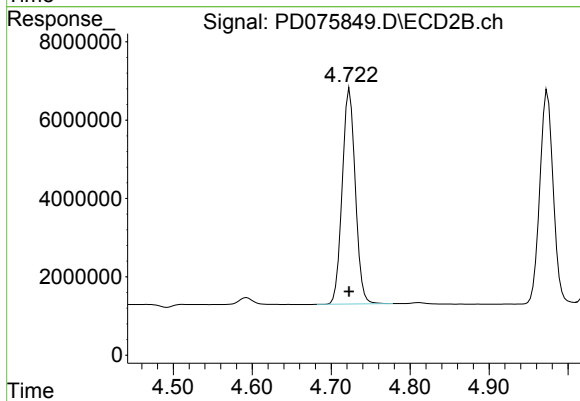
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 70587746
Conc: 48.72 ng/ml



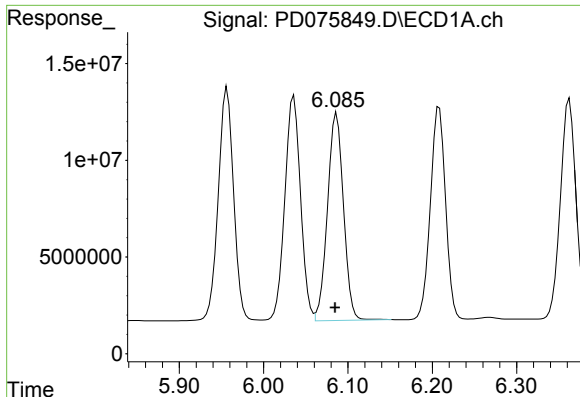
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.002 min
Response: 152085243
Conc: 47.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 63353075
Conc: 46.12 ng/ml



#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: 0.002 min
Response: 141591061
Conc: 47.21 ng/ml

Instrument :

ECD_D

ClientSampleId :

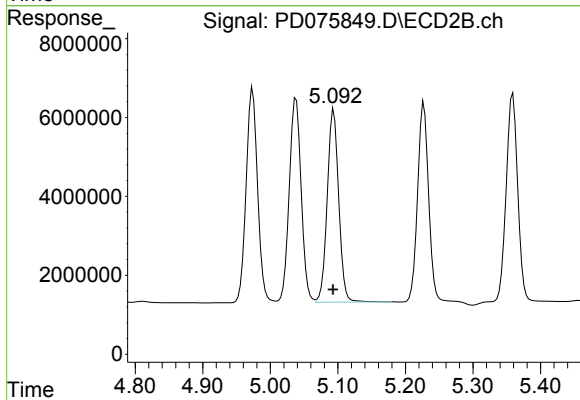
PB153315BSD

Manual Integrations

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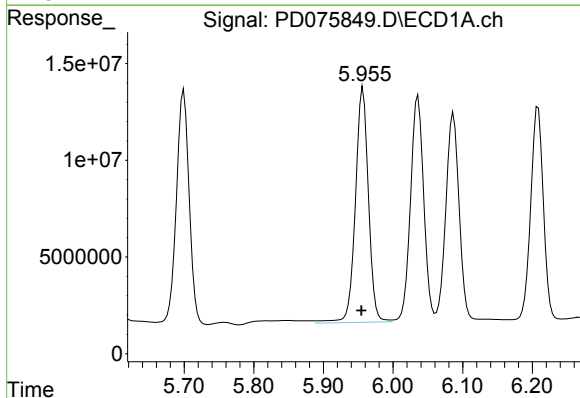
Reviewed By :Abdul Mirza 06/19/2023

Supervised By :Ankita Jodhani 06/19/2023



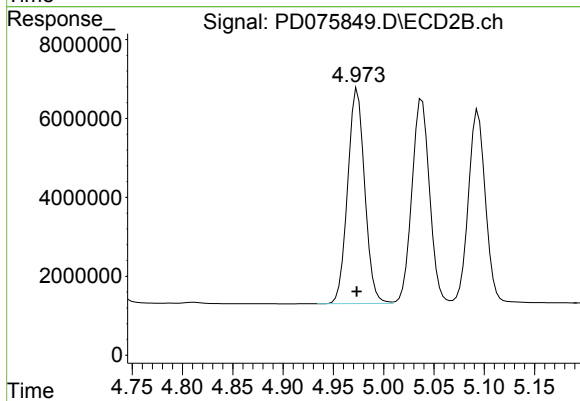
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.001 min
Response: 57926224
Conc: 45.32 ng/ml



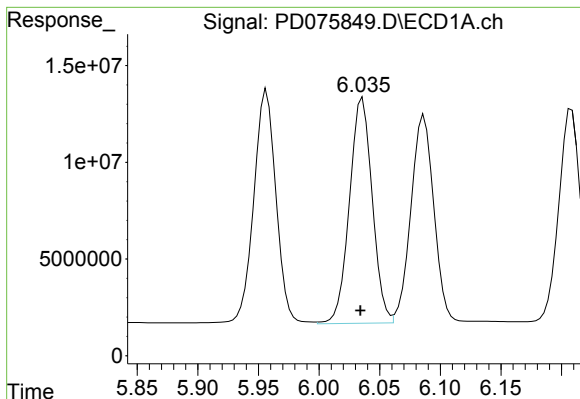
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 158396423
Conc: 49.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 64126447
Conc: 46.74 ng/ml



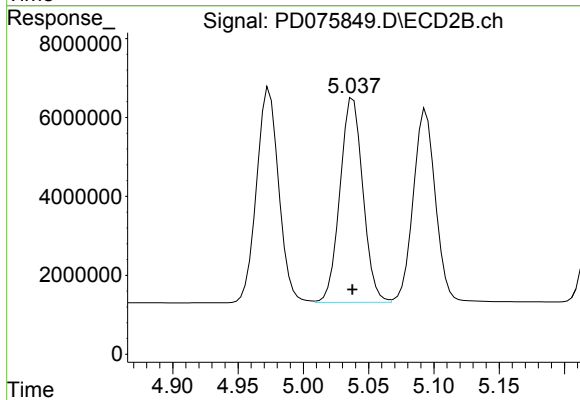
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.002 min
Response: 152428983
Conc: 47.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153315BSD

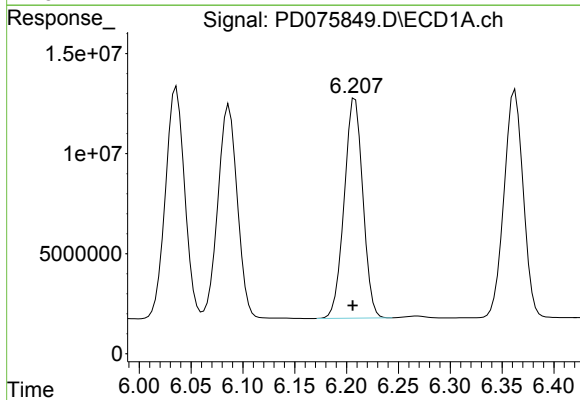
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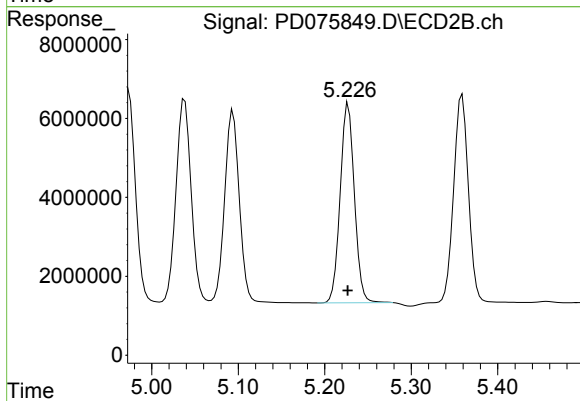
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 63379417
Conc: 46.20 ng/ml



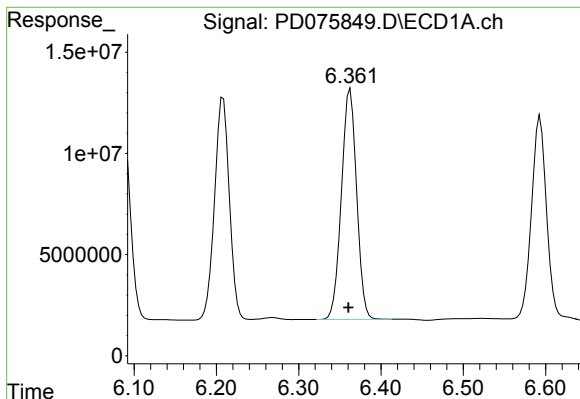
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.002 min
Response: 137467905
Conc: 48.10 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 57343418
Conc: 51.38 ng/ml



#13 Dieldrin

R.T.: 6.363 min
Delta R.T.: 0.002 min
Response: 146430948
Conc: 46.86 ng/ml

Instrument :

ECD_D

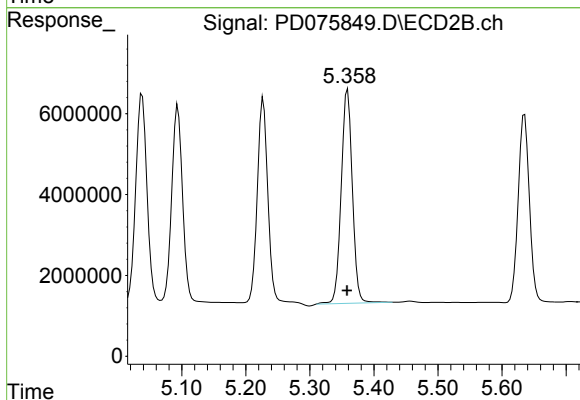
ClientSampleId :

PB153315BSD

Manual Integrations

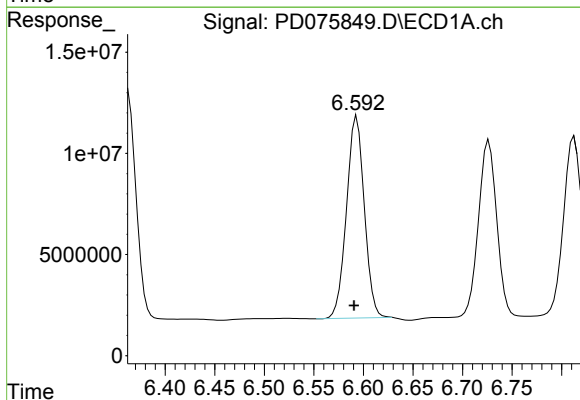
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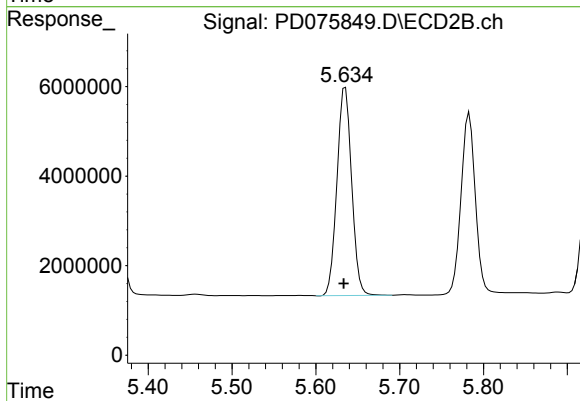
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 64017119
Conc: 47.45 ng/ml



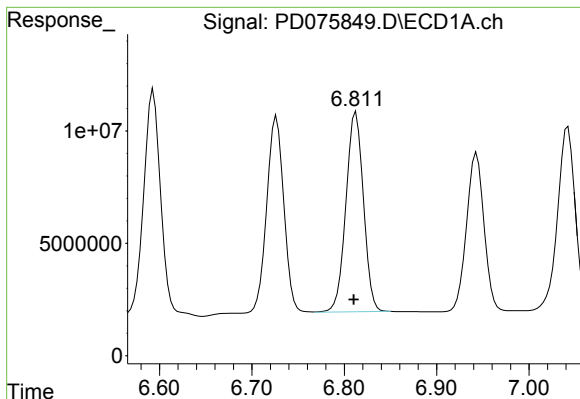
#14 Endrin

R.T.: 6.593 min
Delta R.T.: 0.003 min
Response: 124910970
Conc: 46.71 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: 0.002 min
Response: 56540276
Conc: 46.46 ng/ml



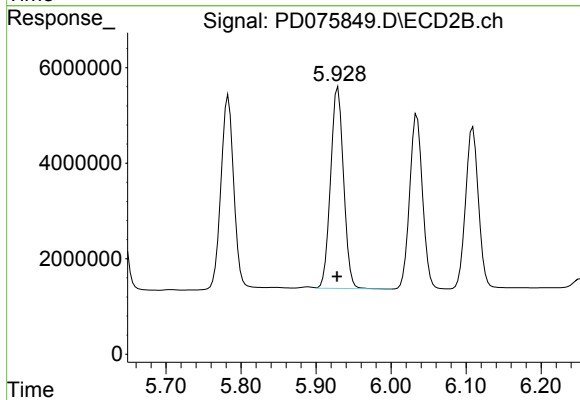
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: 0.003 min
Response: 117158272
Conc: 45.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153315BSD

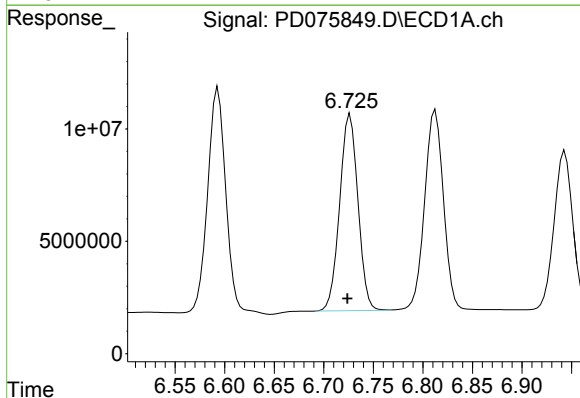
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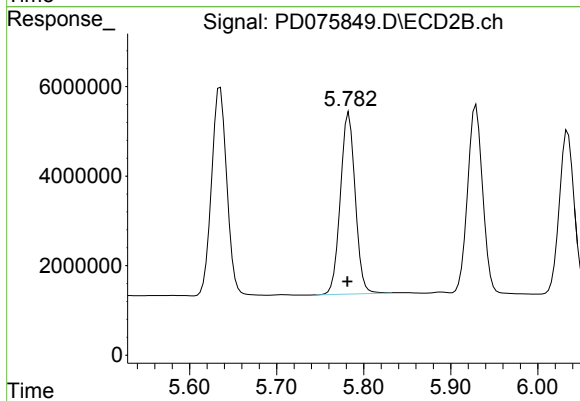
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.001 min
Response: 50718709
Conc: 47.01 ng/ml



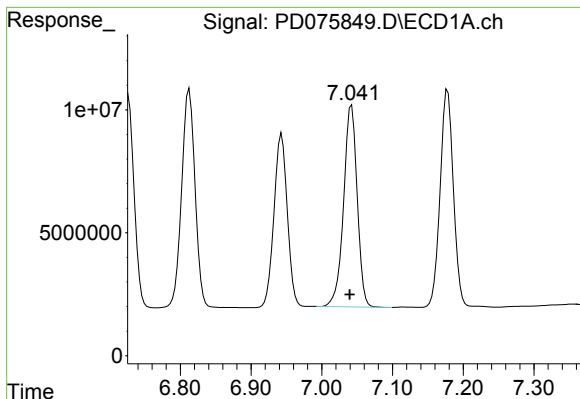
#16 4,4'-DDD

R.T.: 6.727 min
Delta R.T.: 0.003 min
Response: 112305304
Conc: 49.35 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: 0.002 min
Response: 48024453
Conc: 54.49 ng/ml



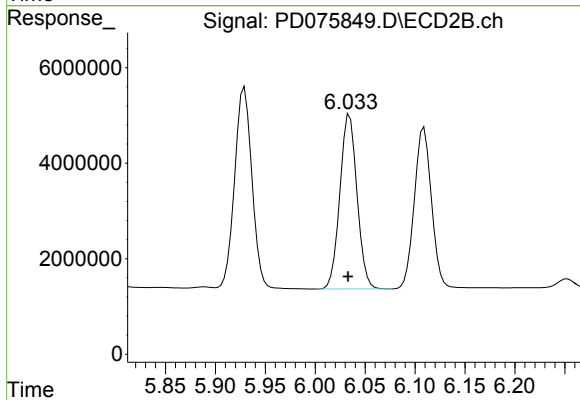
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: 0.003 min
Response: 109521055
Conc: 48.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153315BSD

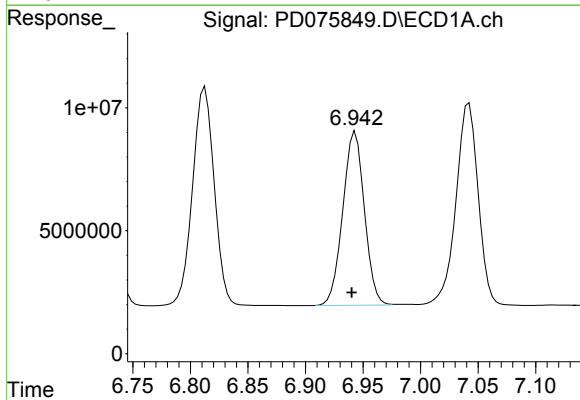
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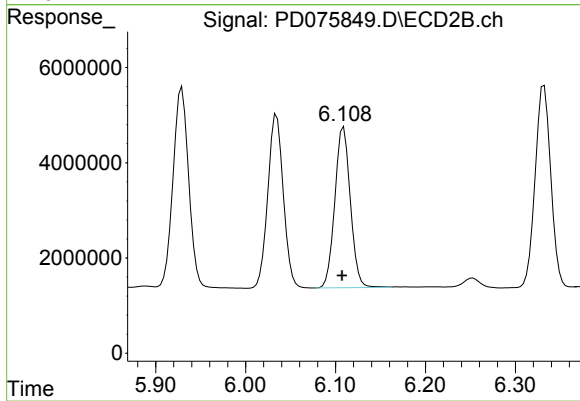
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.002 min
Response: 43710408
Conc: 53.81 ng/ml



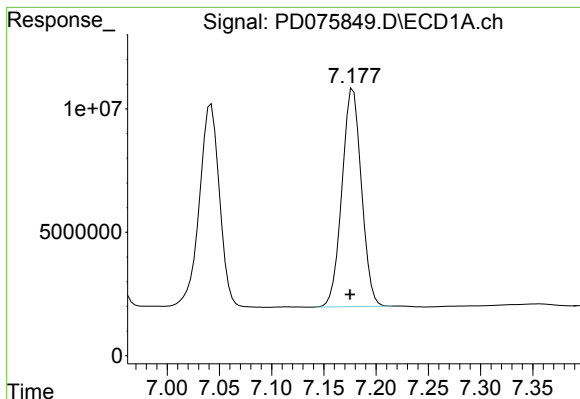
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.002 min
Response: 92670162
Conc: 46.18 ng/ml m



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.002 min
Response: 40465384
Conc: 46.75 ng/ml



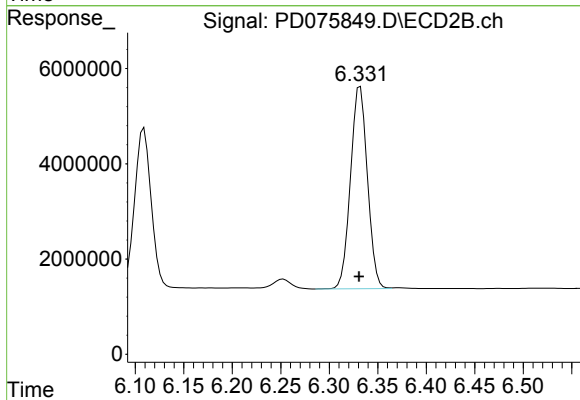
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: 0.003 min
Response: 114475722
Conc: 45.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153315BSD

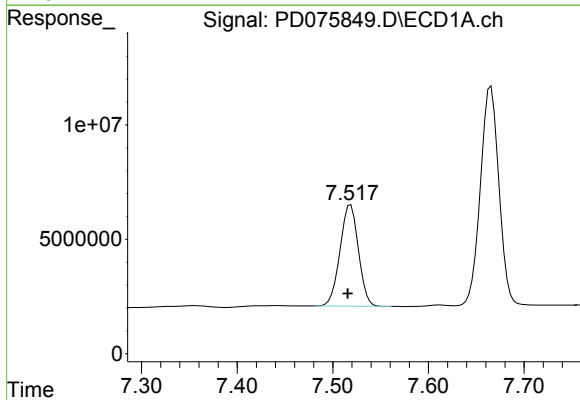
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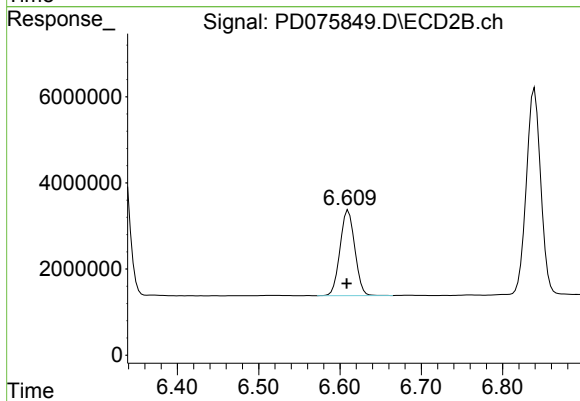
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: 0.001 min
Response: 51539875
Conc: 47.70 ng/ml



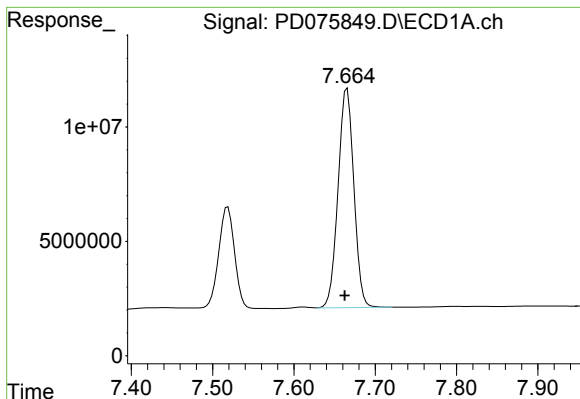
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: 0.003 min
Response: 59366325
Conc: 45.86 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.002 min
Response: 24944670
Conc: 53.89 ng/ml



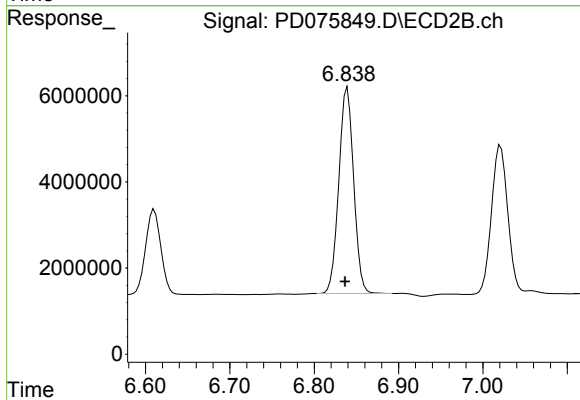
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: 0.003 min
Response: 129076841
Conc: 46.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153315BSD

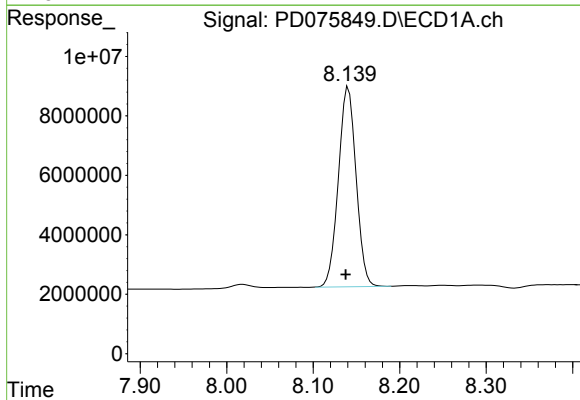
Manual Integrations
APPROVED

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



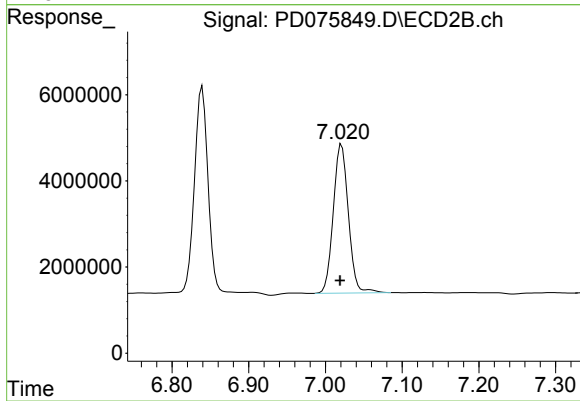
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.002 min
Response: 58412353
Conc: 48.08 ng/ml



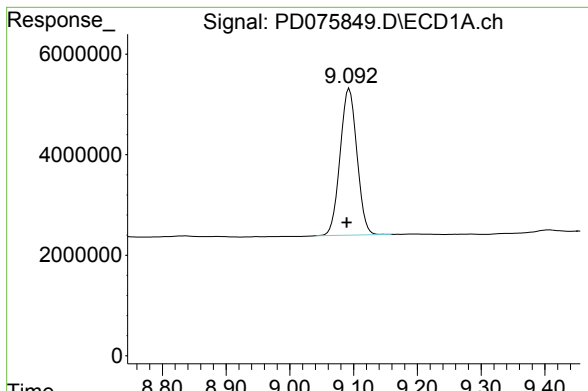
#22 Mirex

R.T.: 8.141 min
Delta R.T.: 0.003 min
Response: 95041031
Conc: 44.36 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 47255150
Conc: 45.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: 0.004 min
Response: 53576016
Conc: 21.15 ng/ml

Instrument :

ECD_D

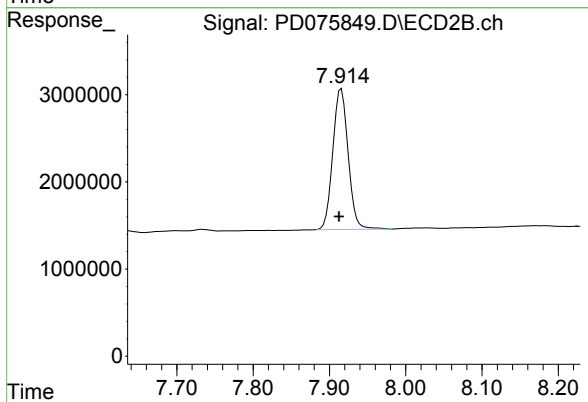
ClientSampleId :

PB153315BSD

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#28 Decachlorobiphenyl

R.T.: 7.916 min
Delta R.T.: 0.003 min
Response: 22539082
Conc: 23.05 ng/ml