

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062623\
 Data File : PD076149.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2023 15:43
 Operator : AR\AJ
 Sample : PB153790BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB153790BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/26/2023
 Supervised By : Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 01:19:04 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...	3.550	2.767	37838561	19000497	17.763	17.513
28)	SA Decachlor...	9.092	7.912	42043945	19674089	16.596	20.121
Target Compounds							
2)	A alpha-BHC	4.006	3.269	178.1E6	78438847	48.231	49.032
3)	MA gamma-BHC...	4.339	3.599	164.5E6	74349723	48.883	50.460
4)	MA Heptachlor	4.931	3.939	166.7E6	73336524	46.468	48.284
5)	MB Aldrin	5.274	4.218	166.6E6	73112762	47.549	49.030m
6)	B beta-BHC	4.536	3.896	66423828	31503881	46.201	49.425
7)	B delta-BHC	4.785	4.125	162.1E6	74335610	48.783	51.302m
8)	B Heptachlo...	5.701	4.722	160.4E6	66876397	49.779	48.686
9)	A Endosulfan I	6.088	5.091	140.7E6	55223579	46.897	43.204
10)	B gamma-Chl...	5.958	4.973	159.5E6	68418981	49.498	49.864
11)	B alpha-Chl...	6.037	5.036	152.2E6	67831442	47.084	49.448
12)	B 4,4'-DDE	6.209	5.226	135.2E6	63244860	47.319	56.663
13)	MA Dieldrin	6.364	5.355	146.5E6	66595119	46.895	49.360m
14)	MA Endrin	6.594	5.633	120.7E6	60671823	45.144	49.854
15)	B Endosulfa...	6.814	5.927	118.2E6	55632257	45.745	51.566
16)	A 4,4'-DDD	6.728	5.780	113.6E6	53074978	49.919	60.226
17)	MA 4,4'-DDT	7.043	6.032	107.4E6	48418020	47.321	59.607 #
18)	B Endrin al...	6.942	6.107	93351497	45223767	46.522m	52.252
19)	B Endosulfa...	7.178	6.329	114.7E6	56228636	45.522	52.034
20)	A Methoxychlor	7.518	6.607	56960032	26443750	44.005	57.133 #
21)	B Endrin ke...	7.665	6.835	130.4E6	63219303	46.789	52.034m
22)	Mirex	8.140	7.018	92288532	50716877	43.074	48.384

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062623\
Data File : PD076149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2023 15:43
Operator : AR\AJ
Sample : PB153790BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

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Manual Integrations

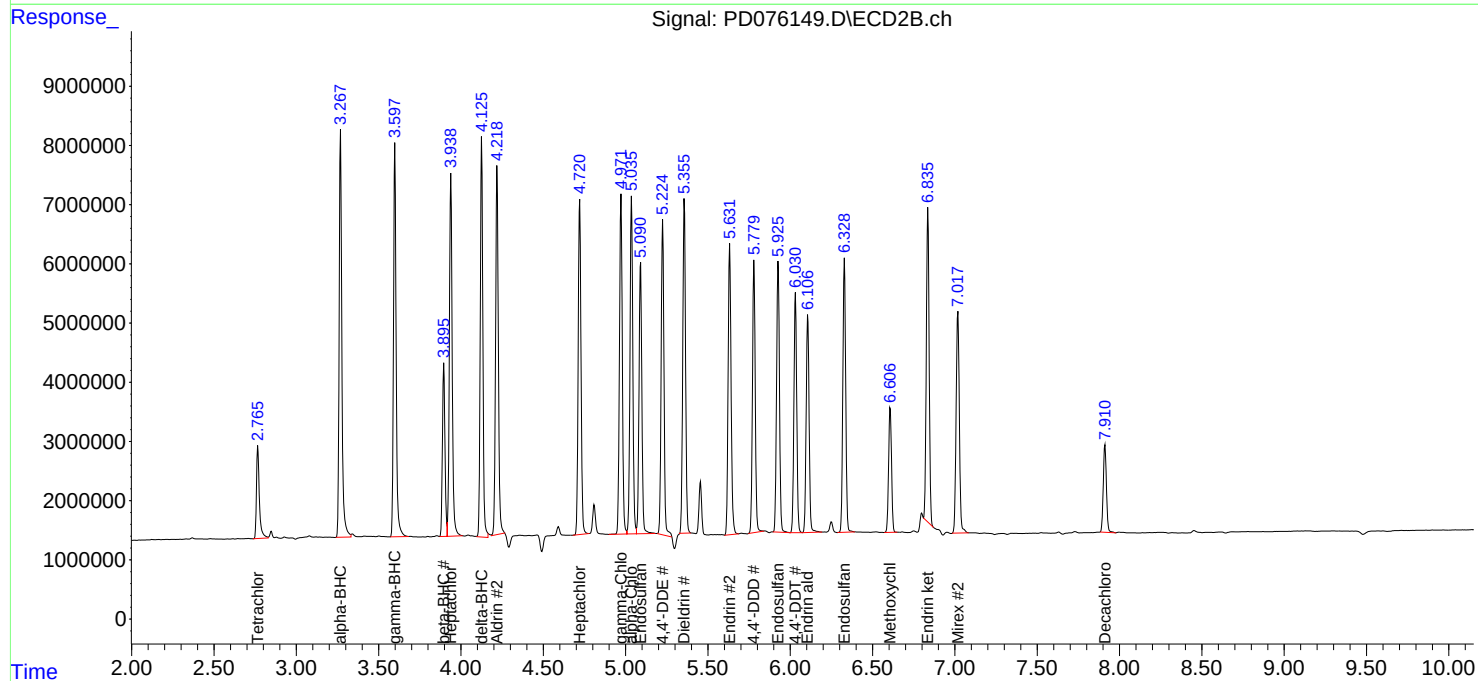
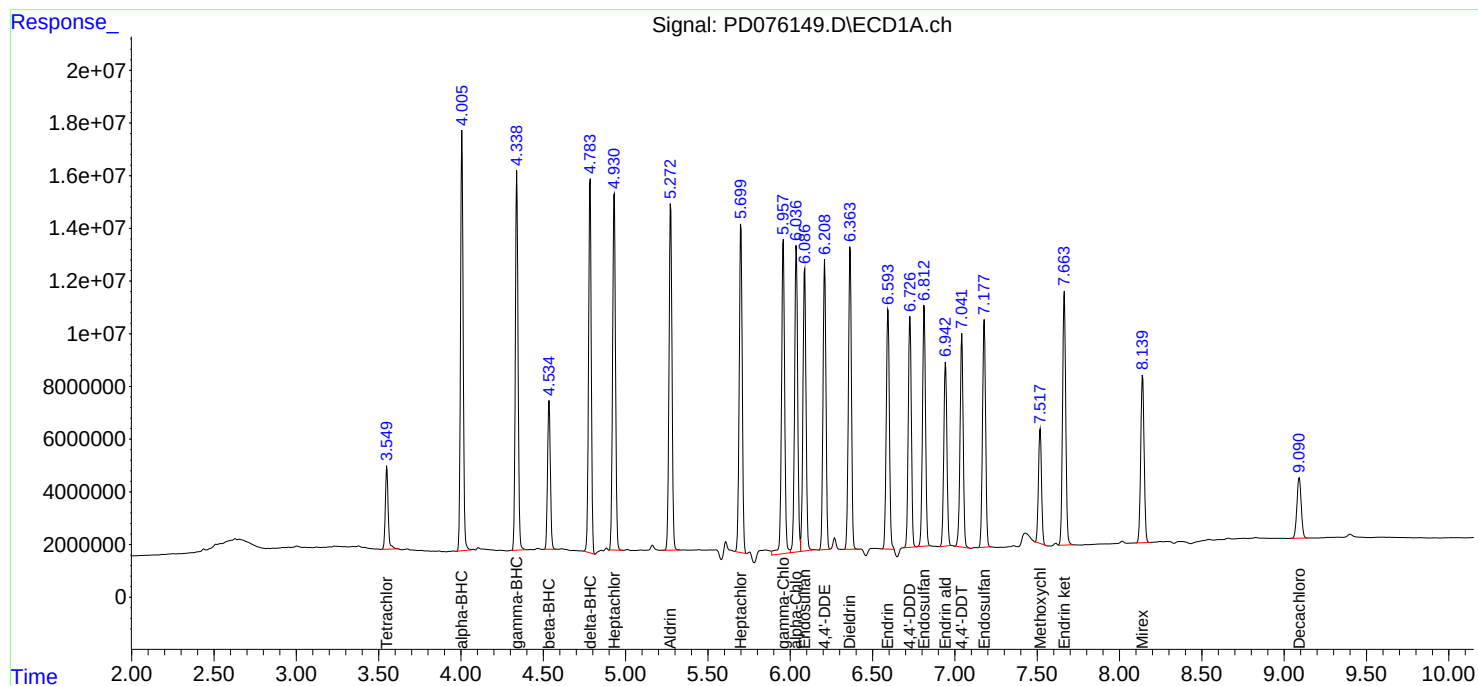
APPROVED

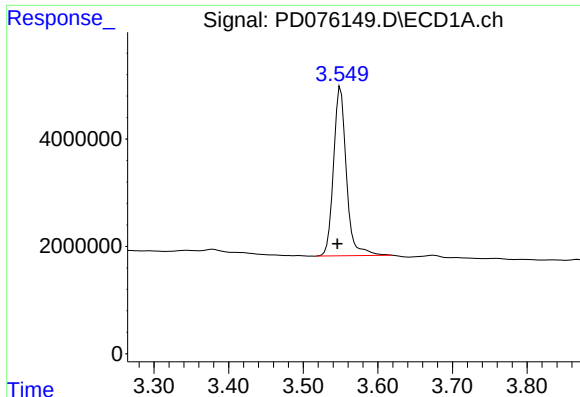
Reviewed By :Abdul Mirza 06/26/2023

Supervised By :Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:19:04 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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Volume Inj. : 2 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





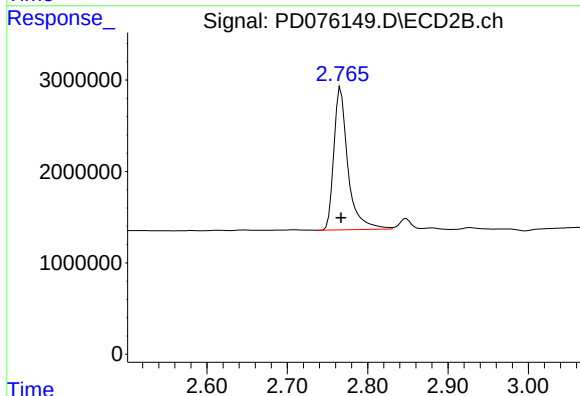
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.004 min
Response: 37838561
Conc: 17.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153790BS

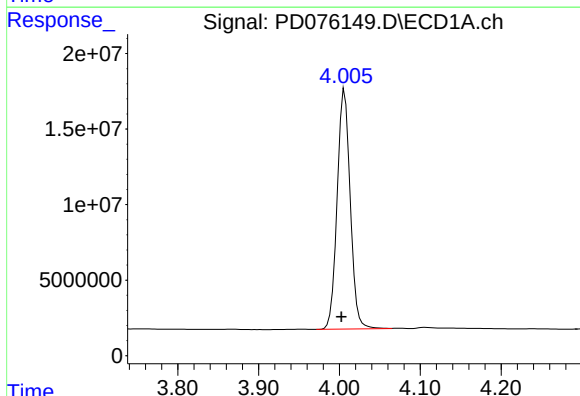
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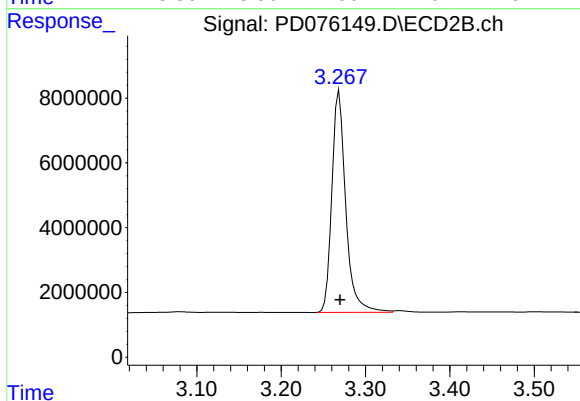
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 19000497
Conc: 17.51 ng/ml



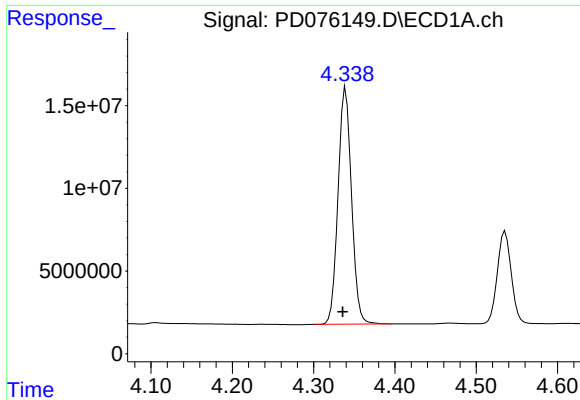
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.004 min
Response: 178073932
Conc: 48.23 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 78438847
Conc: 49.03 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.003 min
Response: 164486409
Conc: 48.88 ng/ml

Instrument :

ECD_D

ClientSampleId :

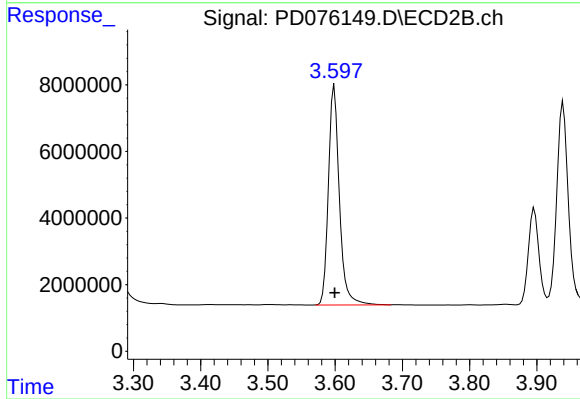
PB153790BS

Manual Integrations

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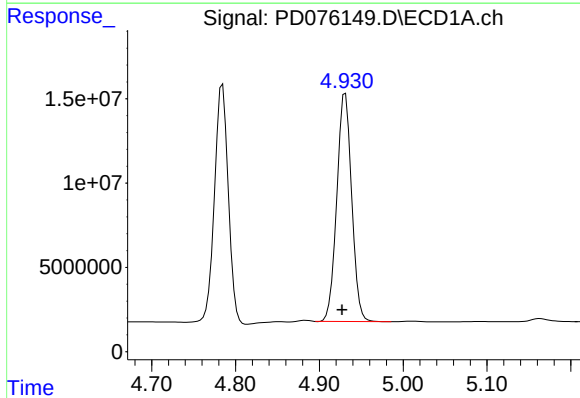
Reviewed By :Abdul Mirza 06/26/2023

Supervised By :Ankita Jodhani 06/27/2023



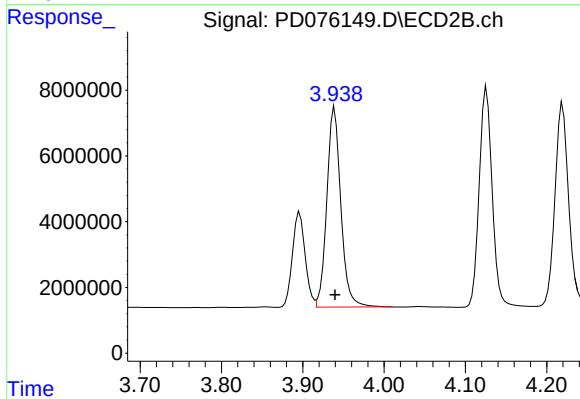
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 74349723
Conc: 50.46 ng/ml



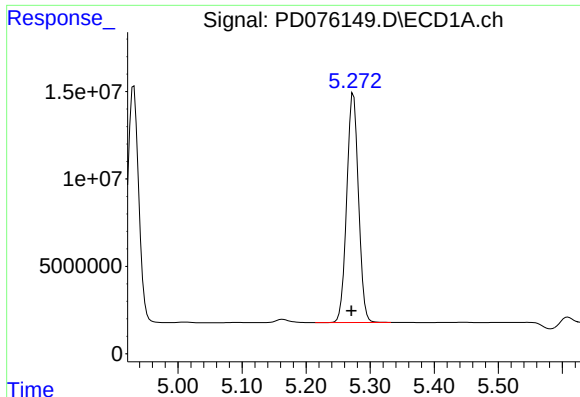
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.004 min
Response: 166663361
Conc: 46.47 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 73336524
Conc: 48.28 ng/ml



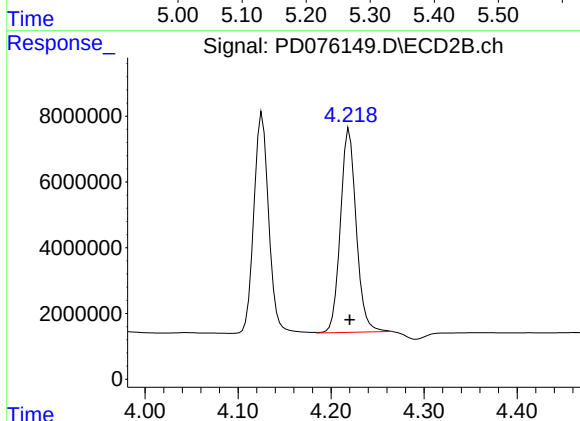
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: 0.003 min
Response: 166621141
Conc: 47.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
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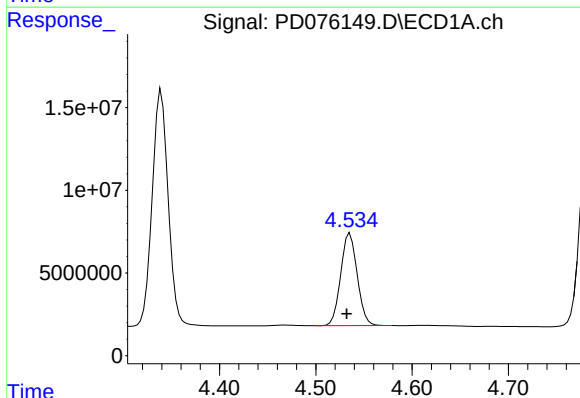
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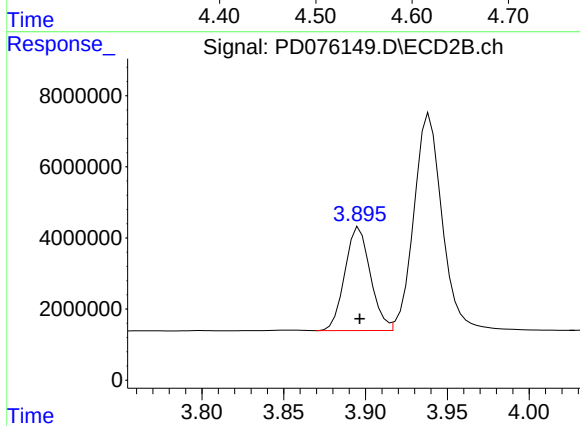
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.002 min
Response: 73112762
Conc: 49.03 ng/ml m



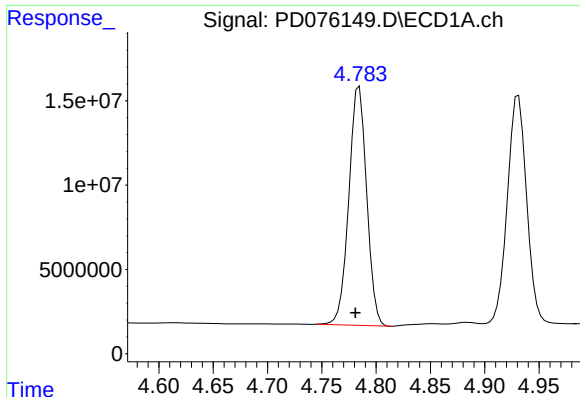
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.003 min
Response: 66423828
Conc: 46.20 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 31503881
Conc: 49.42 ng/ml



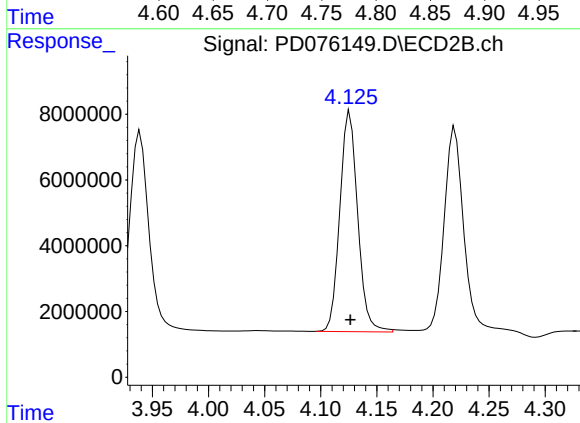
#7 delta-BHC

R.T.: 4.785 min
Delta R.T.: 0.004 min
Response: 162136316
Conc: 48.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153790BS

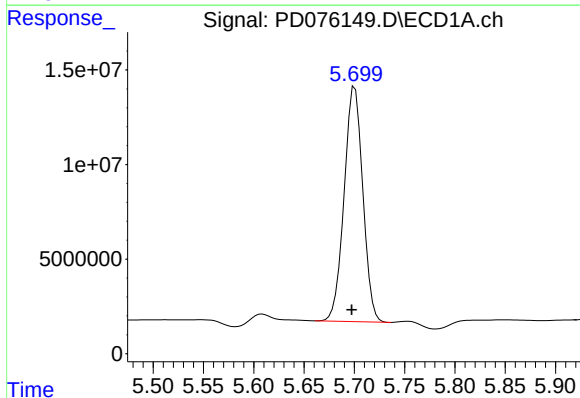
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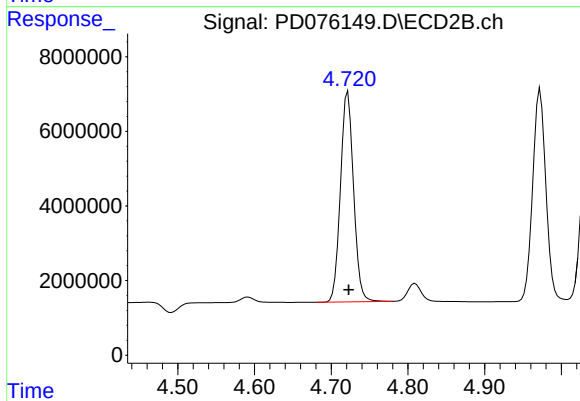
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: -0.002 min
Response: 74335610
Conc: 51.30 ng/ml m



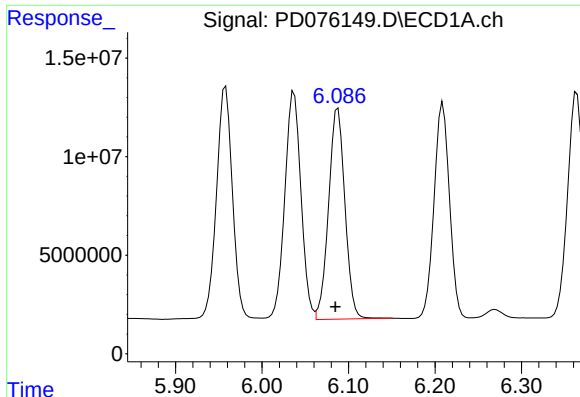
#8 Heptachlor epoxide

R.T.: 5.701 min
Delta R.T.: 0.003 min
Response: 160402652
Conc: 49.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 66876397
Conc: 48.69 ng/ml



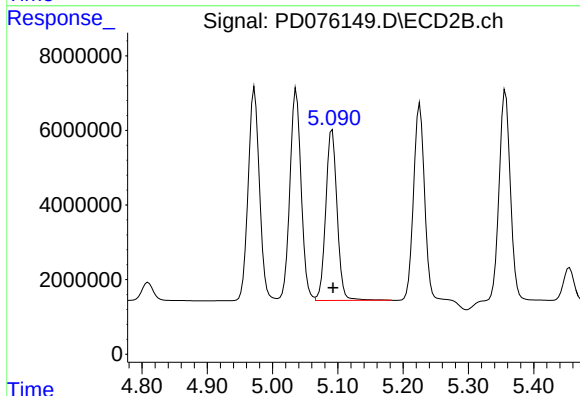
#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: 0.003 min
Response: 140666353
Conc: 46.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153790BS

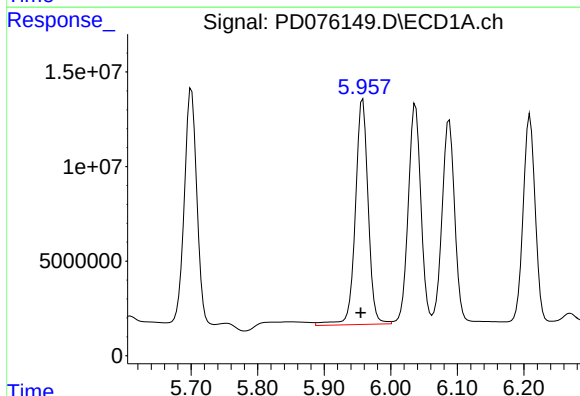
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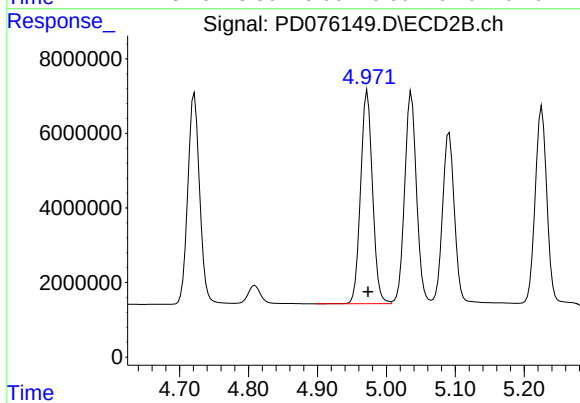
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.001 min
Response: 55223579
Conc: 43.20 ng/ml



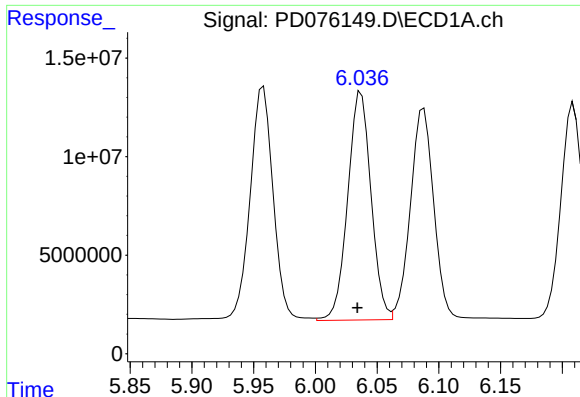
#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: 0.003 min
Response: 159450277
Conc: 49.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 68418981
Conc: 49.86 ng/ml



#11 alpha-Chlordane

R.T.: 6.037 min
Delta R.T.: 0.003 min
Response: 152216376
Conc: 47.08 ng/ml

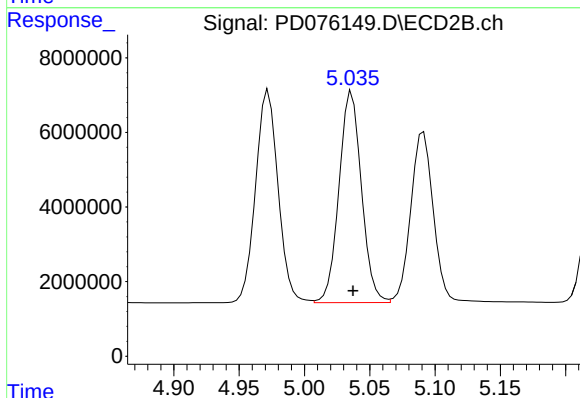
Instrument :

ECD_D

ClientSampleId :
PB153790BS

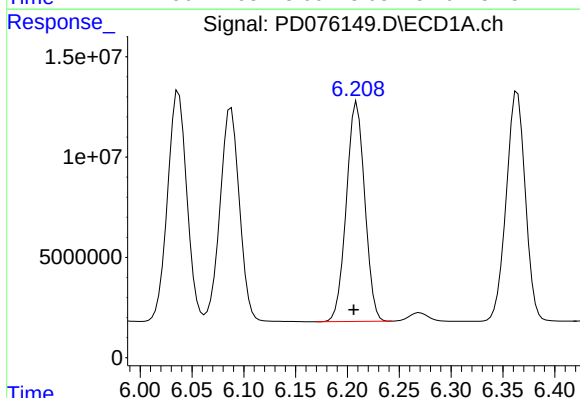
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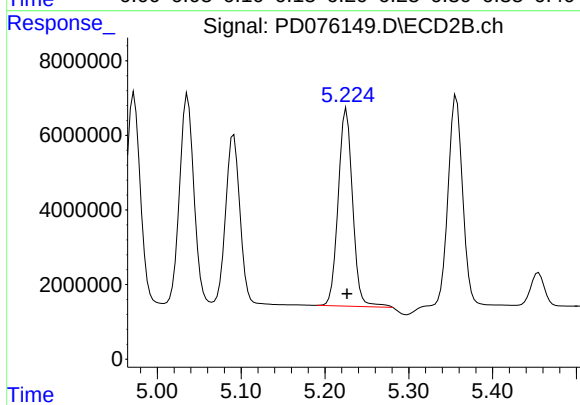
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.001 min
Response: 67831442
Conc: 49.45 ng/ml



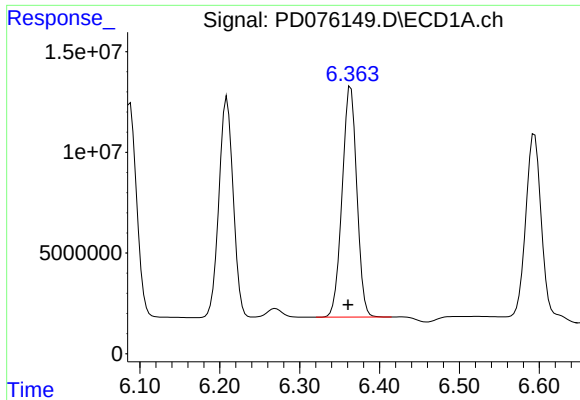
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: 0.003 min
Response: 135244910
Conc: 47.32 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 63244860
Conc: 56.66 ng/ml



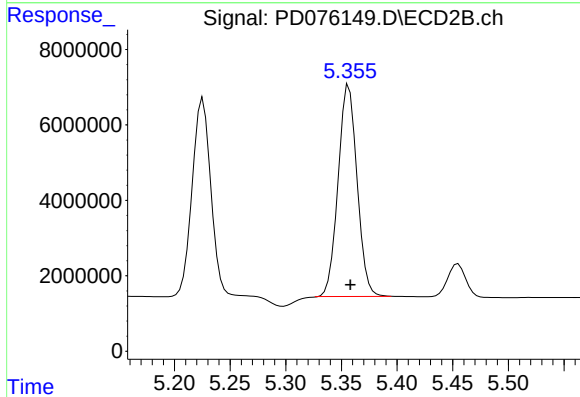
#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: 0.003 min
Response: 146544389
Conc: 46.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153790BS

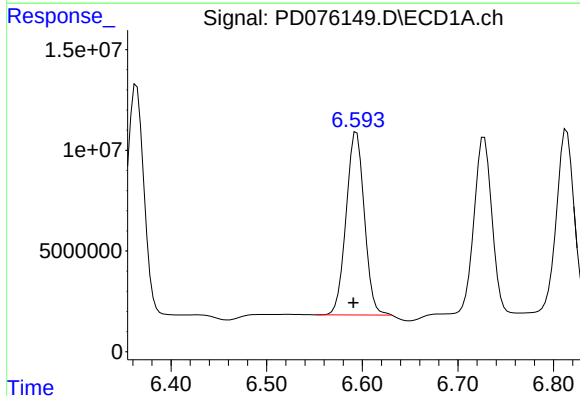
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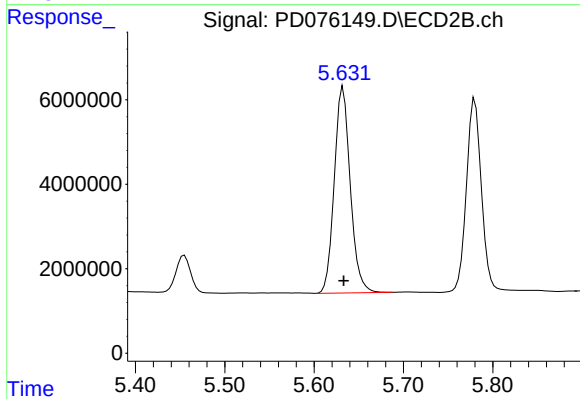
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 66595119
Conc: 49.36 ng/ml m



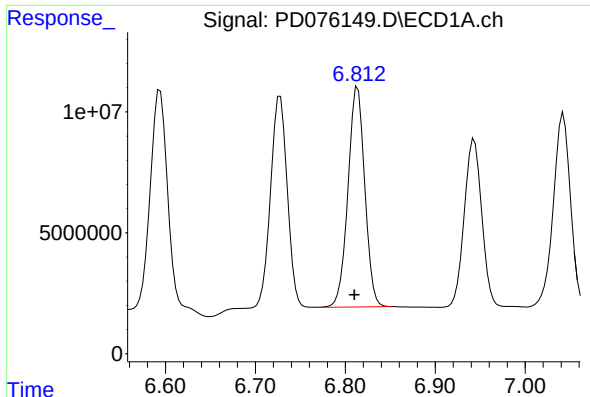
#14 Endrin

R.T.: 6.594 min
Delta R.T.: 0.003 min
Response: 120729985
Conc: 45.14 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 60671823
Conc: 49.85 ng/ml



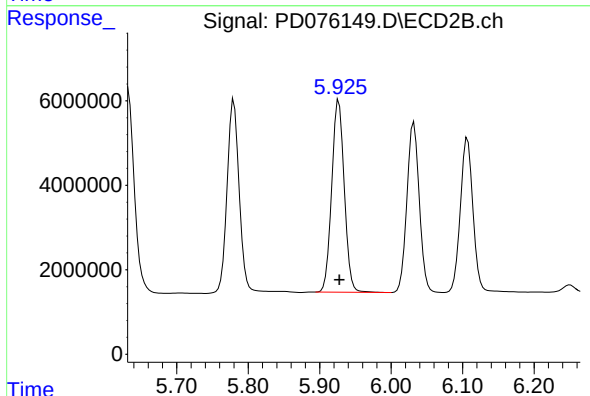
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: 0.004 min
Response: 118188101
Conc: 45.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153790BS

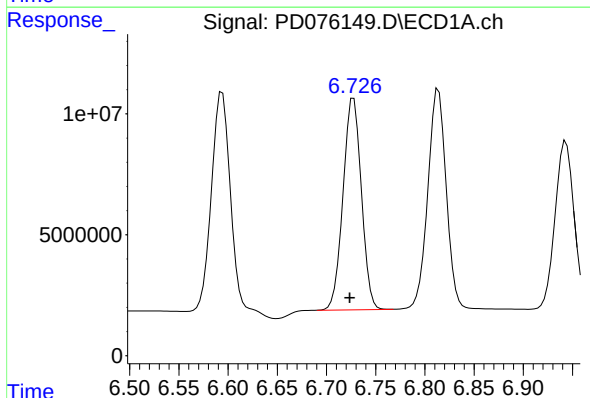
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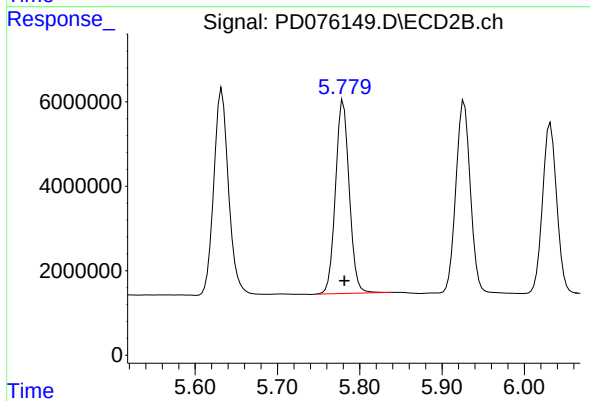
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 55632257
Conc: 51.57 ng/ml



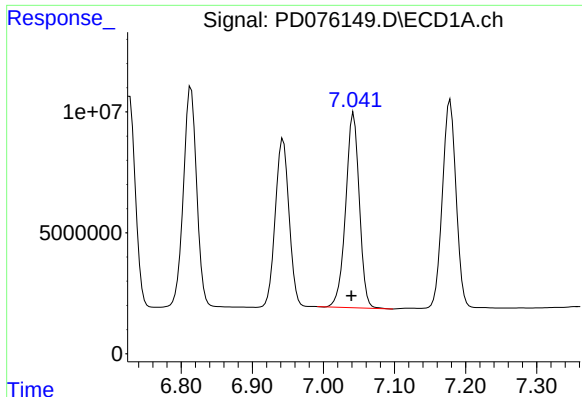
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: 0.004 min
Response: 113597619
Conc: 49.92 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 53074978
Conc: 60.23 ng/ml



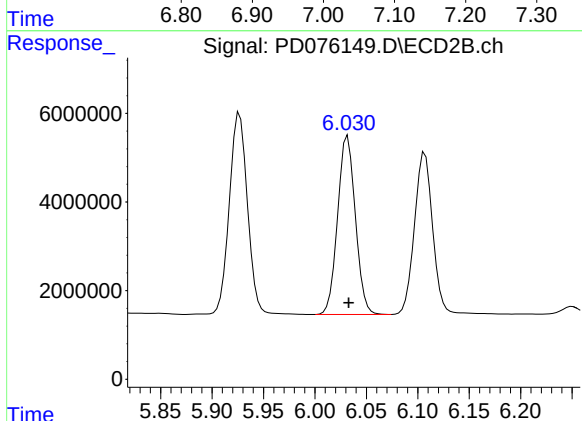
#17 4,4'-DDT

R.T.: 7.043 min
Delta R.T.: 0.003 min
Response: 107383294
Conc: 47.32 ng/ml

Instrument :
ECD_D
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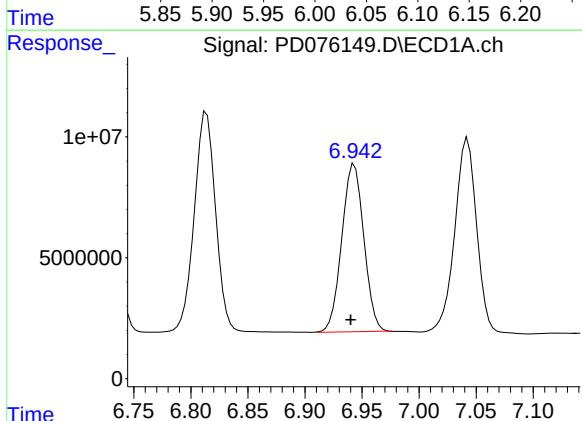
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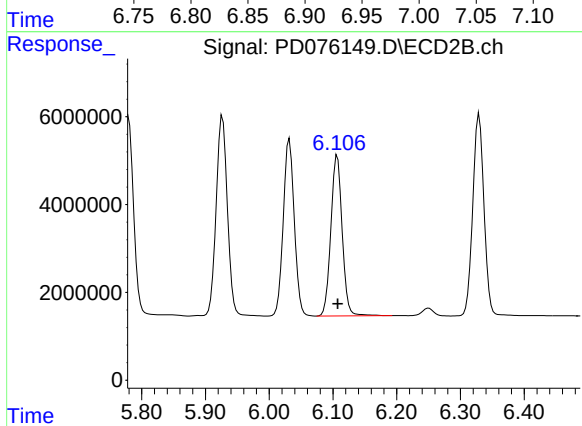
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: -0.001 min
Response: 48418020
Conc: 59.61 ng/ml



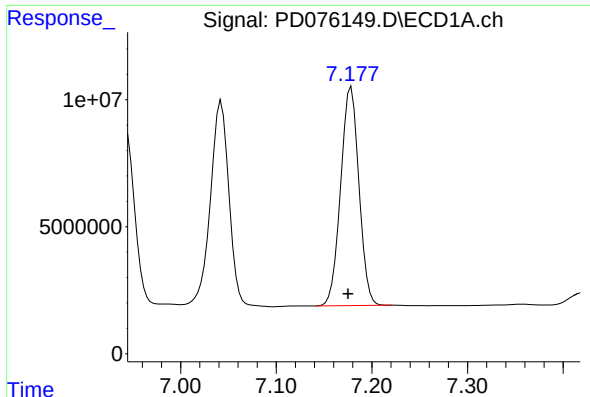
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.002 min
Response: 93351497
Conc: 46.52 ng/ml m



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 45223767
Conc: 52.25 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: 0.003 min
Response: 114686624
Conc: 45.52 ng/ml

Instrument :

ECD_D

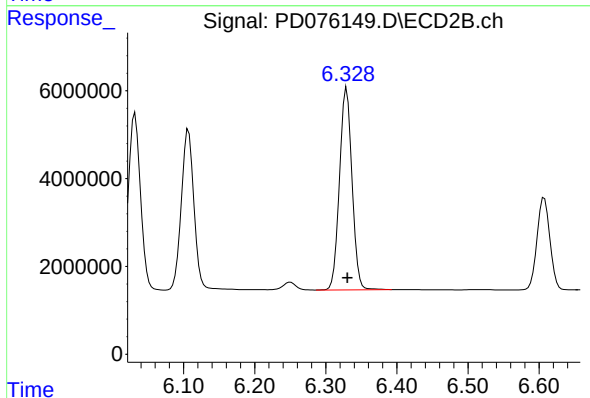
ClientSampleId :

PB153790BS

Manual Integrations

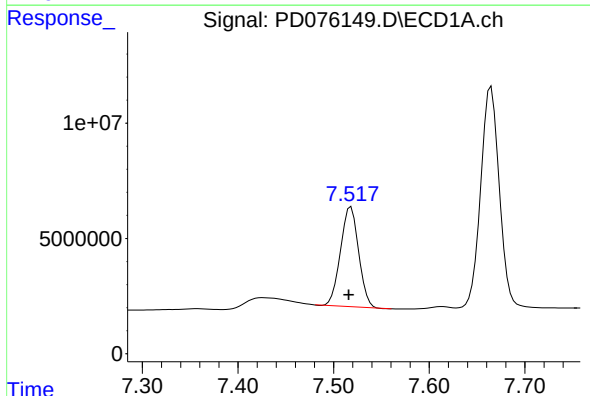
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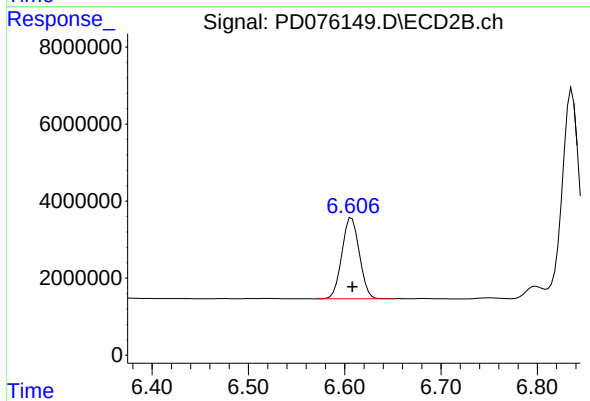
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 56228636
Conc: 52.03 ng/ml



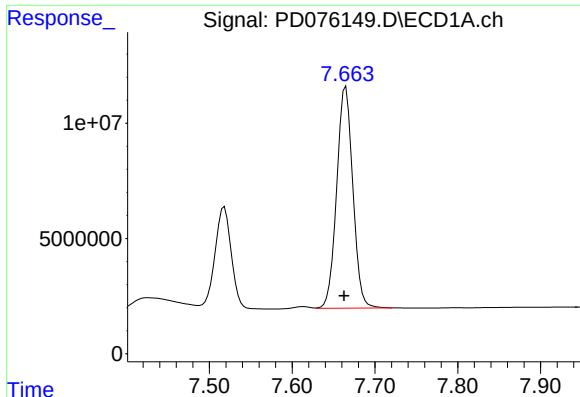
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: 0.003 min
Response: 56960032
Conc: 44.01 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 26443750
Conc: 57.13 ng/ml



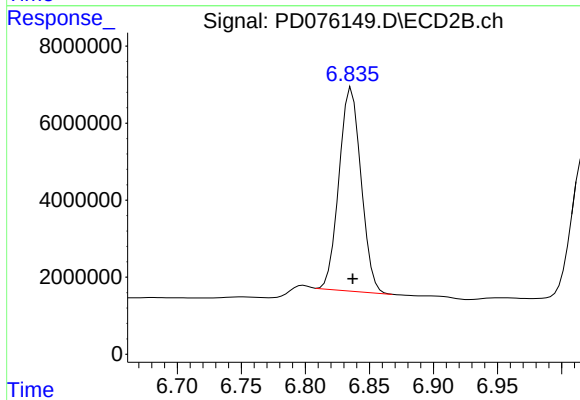
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: 0.002 min
Response: 130350699
Conc: 46.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153790BS

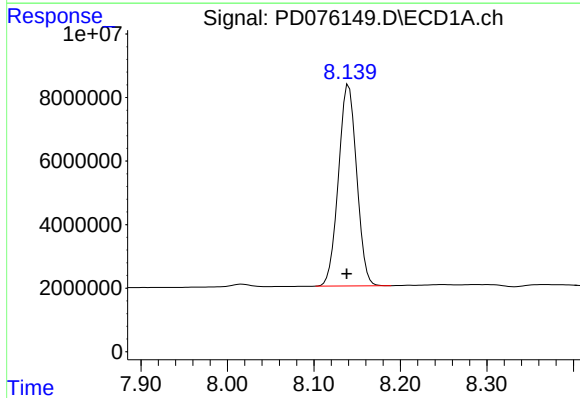
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Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/27/2023



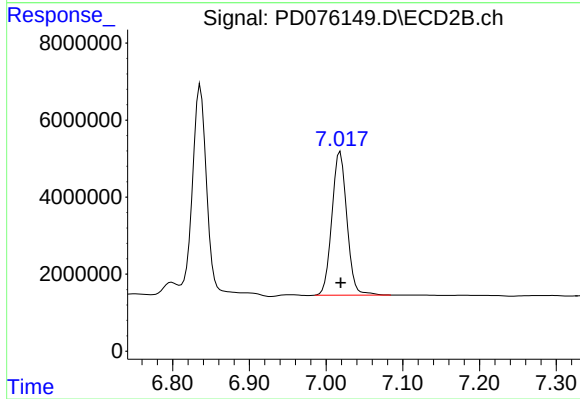
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 63219303
Conc: 52.03 ng/ml m



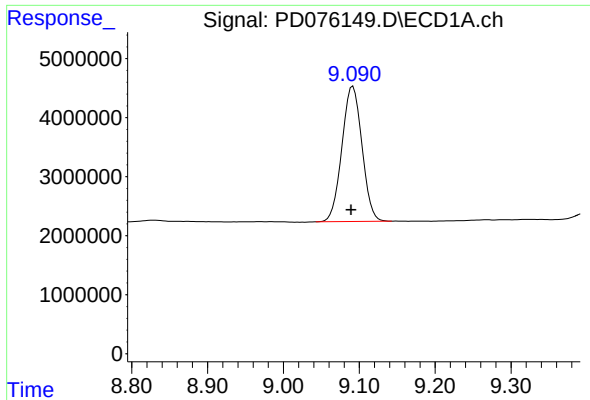
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.002 min
Response: 92288532
Conc: 43.07 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 50716877
Conc: 48.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: 0.003 min
Response: 42043945
Conc: 16.60 ng/ml

Instrument :

ECD_D

ClientSampleId :

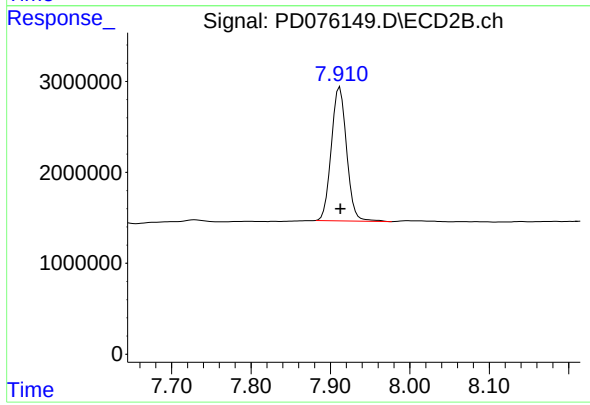
PB153790BS

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 19674089
Conc: 20.12 ng/ml