

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
 Data File : PD078574.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 05:09
 Operator : AR\AJ
 Sample : PB156019BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156019BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2023
 Supervised By :Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 06:27:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.540	2.758	52170827	36291274	18.072	17.769
2)	SA Decachlor...	9.077	7.893	70069039	41235102	18.894	18.172
Target Compounds							
2)	A alpha-BHC	3.996	3.258	231.3E6	142.8E6	47.620	47.649
3)	MA gamma-BHC...	4.330	3.588	223.0E6	138.9E6	47.663	47.934
4)	MA Heptachlor	4.920	3.926	224.4E6	139.1E6	47.720	47.143
5)	MB Aldrin	5.263	4.206	231.4E6	140.6E6	47.898	47.389
6)	B beta-BHC	4.528	3.885	86854337	55102308	46.764	47.677
7)	B delta-BHC	4.776	4.114	221.7E6	139.5E6	49.224	48.757
8)	B Heptachlo...	5.690	4.708	202.2E6	129.7E6	48.145	47.980
9)	A Endosulfan I	6.077	5.077	186.4E6	120.9E6	47.711	48.078
10)	B gamma-Chl...	5.947	4.958	202.0E6	128.9E6	48.108	47.953
11)	B alpha-Chl...	6.026	5.022	200.8E6	127.9E6	47.656	47.626
12)	B 4,4'-DDE	6.199	5.210	191.3E6	124.0E6	47.795	48.728
13)	MA Dieldrin	6.352	5.342	198.1E6	133.4E6	47.218	47.793
14)	MA Endrin	6.583	5.618	157.5E6	115.0E6	46.885	46.480
15)	B Endosulfa...	6.803	5.912	164.5E6	113.5E6	45.696	47.670
16)	A 4,4'-DDD	6.718	5.765	147.0E6	101.7E6	49.419	51.378
17)	MA 4,4'-DDT	7.032	6.016	145.1E6	99716923	49.047	48.989
18)	B Endrin al...	6.933	6.092	123.6E6	86448192	46.275m	46.631
19)	B Endosulfa...	7.169	6.314	151.8E6	105.4E6	47.246	47.526
20)	A Methoxychlor	7.509	6.591	78413029	52310301	46.984	47.946
21)	B Endrin ke...	7.655	6.821	175.6E6	126.4E6	48.866	48.150
22)	Mirex	8.129	7.001	145.2E6	108.9E6	54.359	53.430

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
Data File : PD078574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2023 05:09
Operator : AR\AJ
Sample : PB156019BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

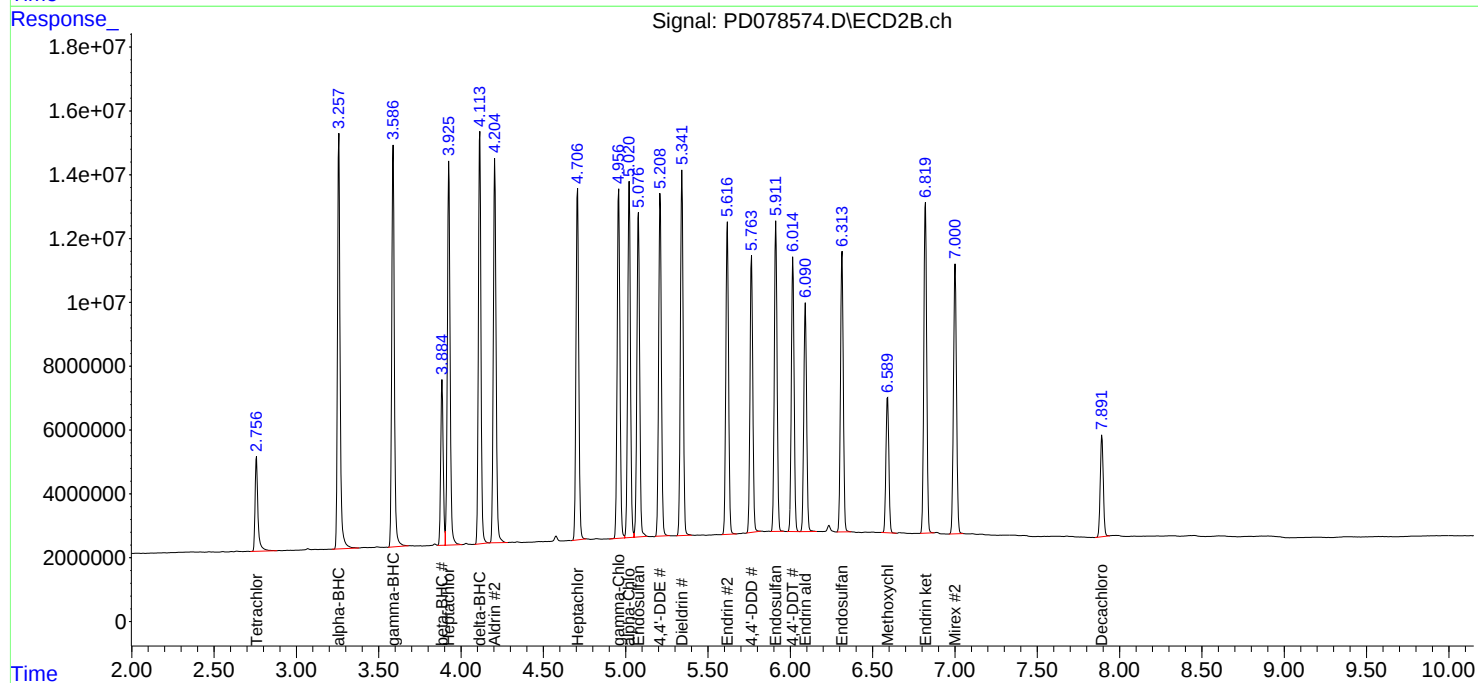
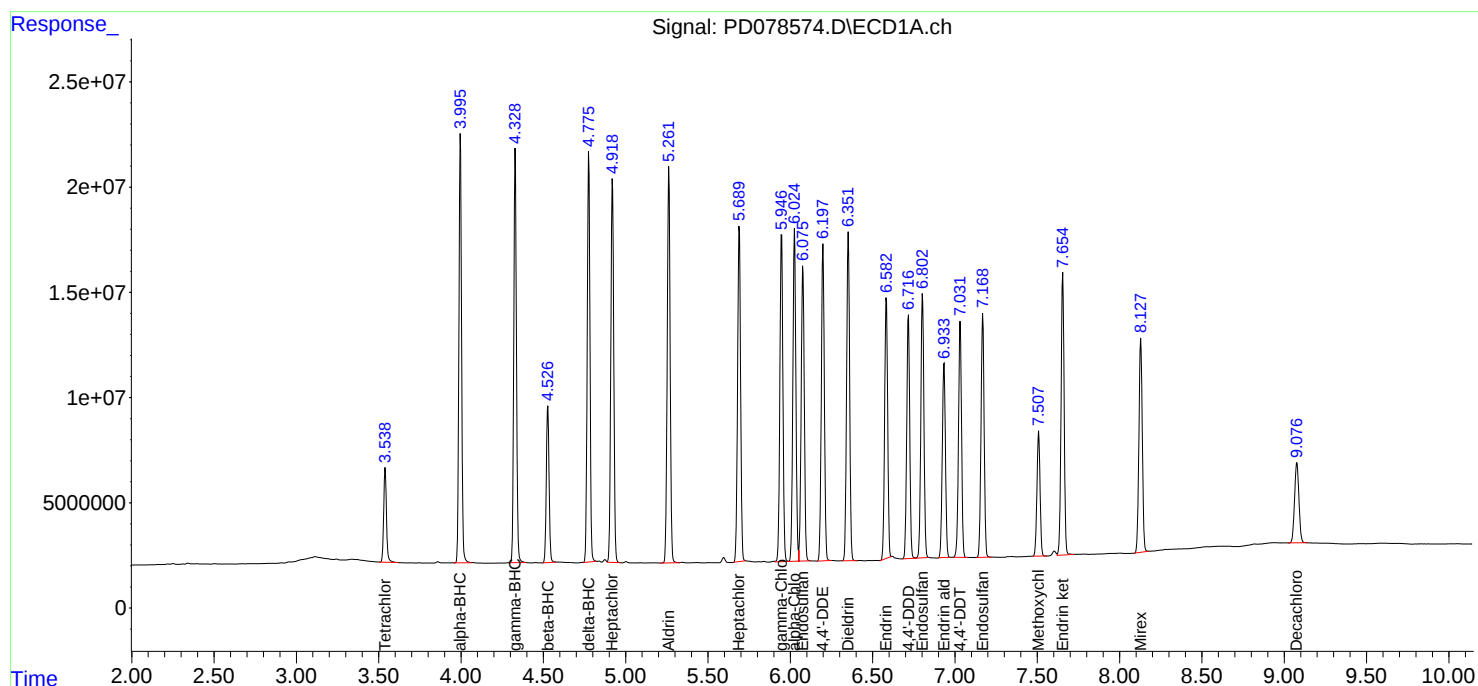
Instrument :
ECD_D
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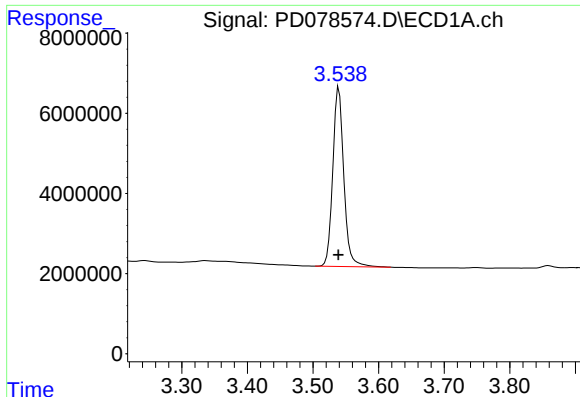
Manual Integrations
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Supervised By :Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 06:27:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
Quant Title : GC Extractables
QLast Update : Tue Oct 03 01:10:04 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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.: 3.540 min
Delta R.T.: 0.000 min
Response: 52170827
Conc: 18.07 ng/ml

Instrument :

ECD_D

ClientSampleId :

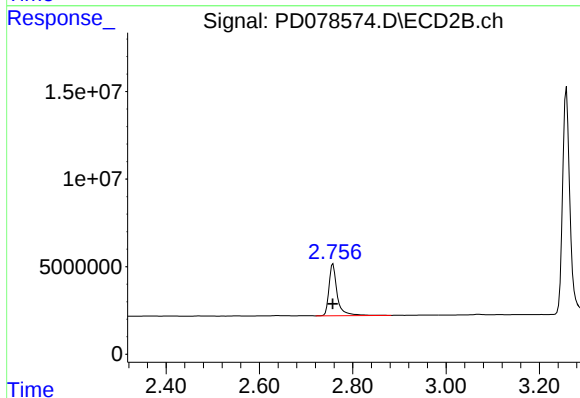
PB156019BS

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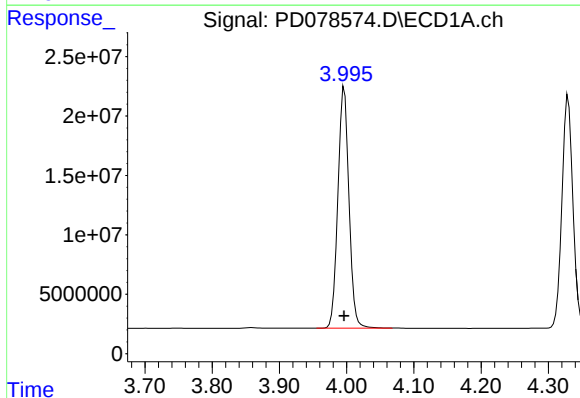
Reviewed By :Abdul Mirza 10/03/2023

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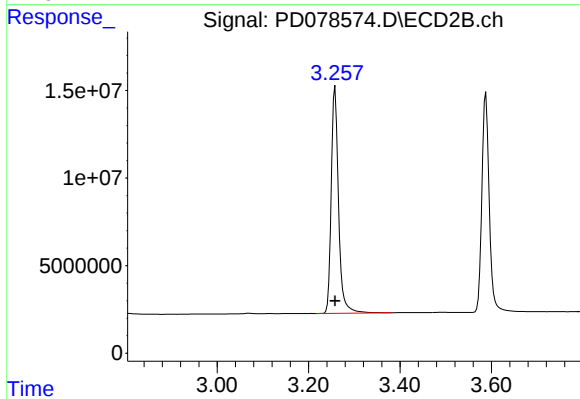
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 36291274
Conc: 17.77 ng/ml



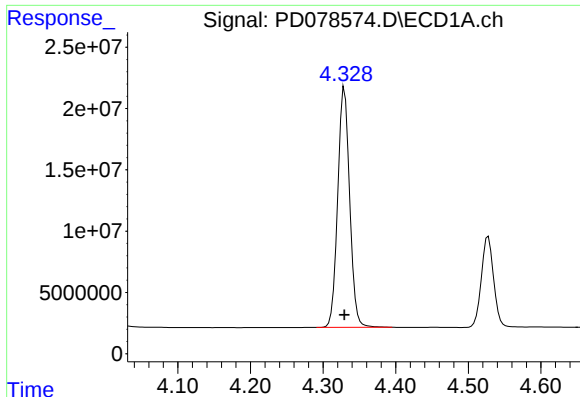
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 231258655
Conc: 47.62 ng/ml



#2 alpha-BHC

R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 142829019
Conc: 47.65 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 222972464
Conc: 47.66 ng/ml

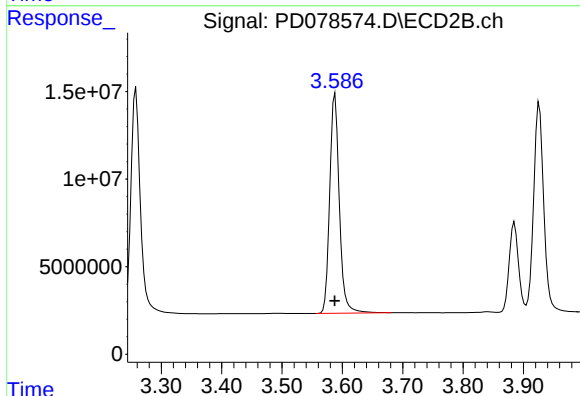
Instrument :

ECD_D

ClientSampleId :
PB156019BS

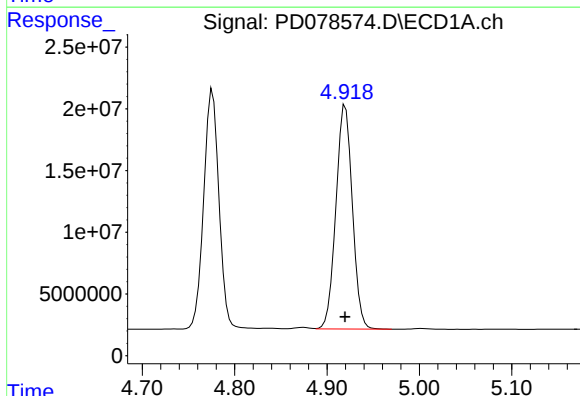
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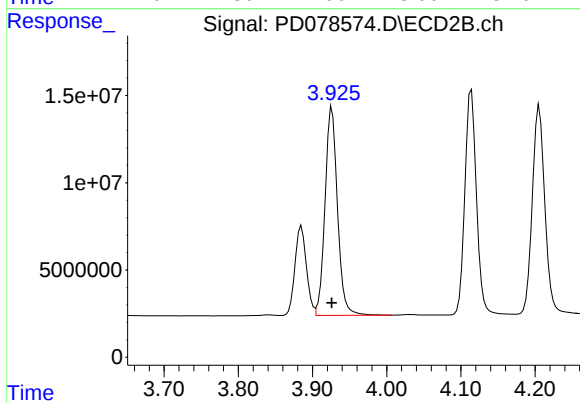
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 138873179
Conc: 47.93 ng/ml



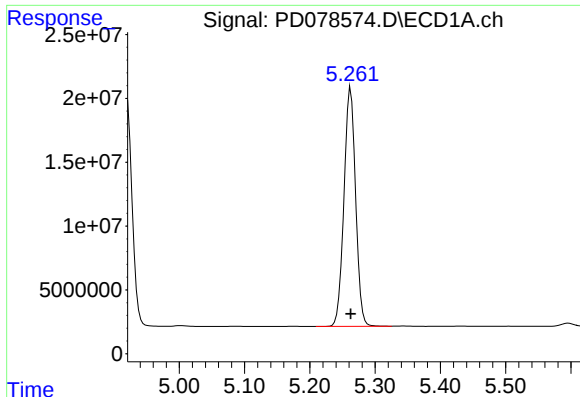
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 224353546
Conc: 47.72 ng/ml



#4 Heptachlor

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 139094545
Conc: 47.14 ng/ml



#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 231394942
Conc: 47.90 ng/ml

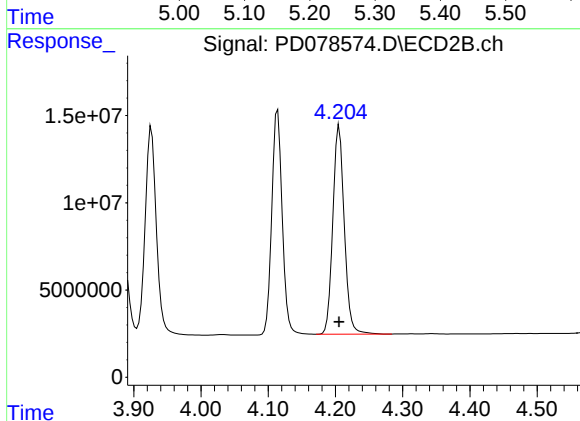
Instrument :

ECD_D

ClientSampleId :
PB156019BS

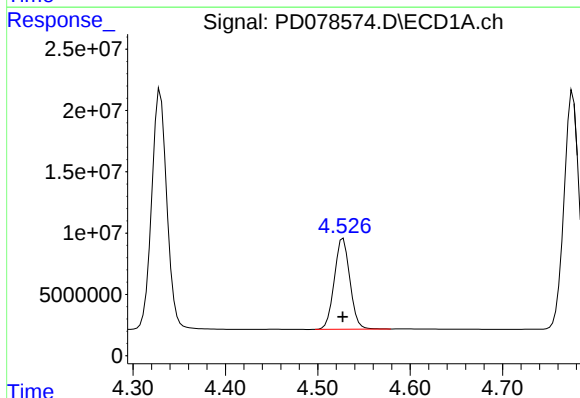
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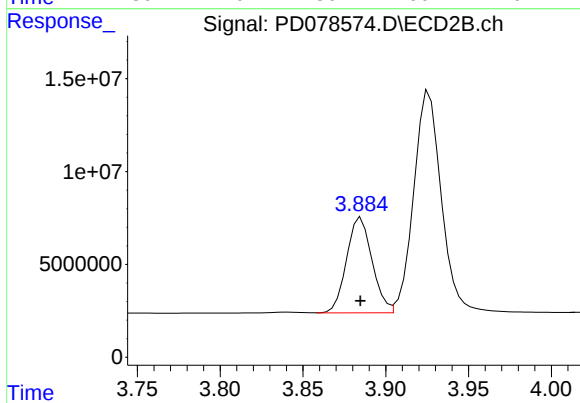
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 140597783
Conc: 47.39 ng/ml



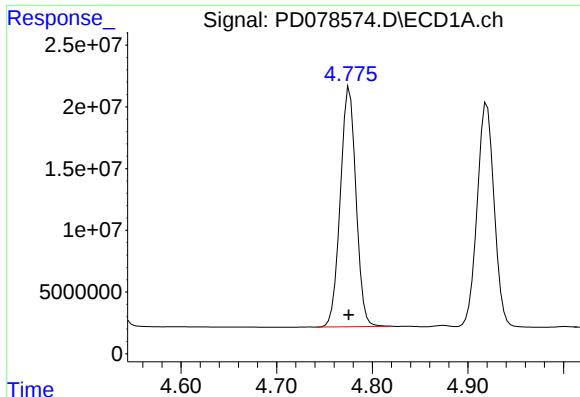
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 86854337
Conc: 46.76 ng/ml



#6 beta-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 55102308
Conc: 47.68 ng/ml



#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 221708715
Conc: 49.22 ng/ml

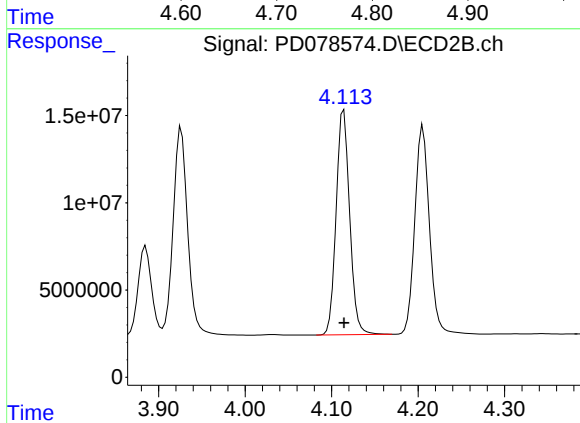
Instrument :

ECD_D

ClientSampleId :
PB156019BS

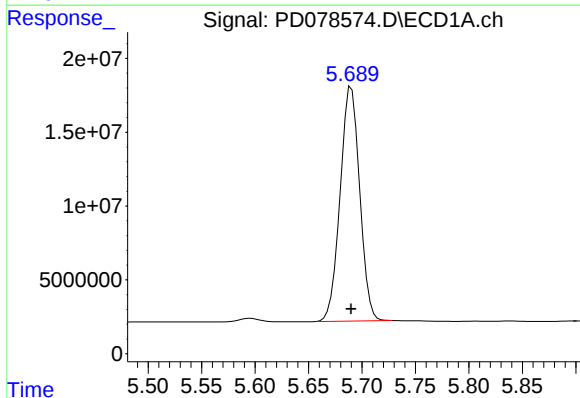
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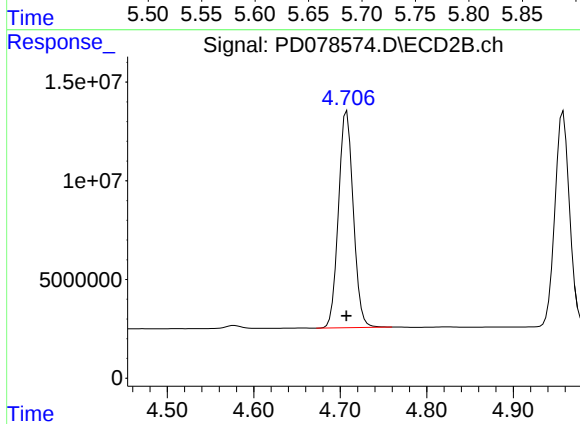
#7 delta-BHC

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 139503078
Conc: 48.76 ng/ml



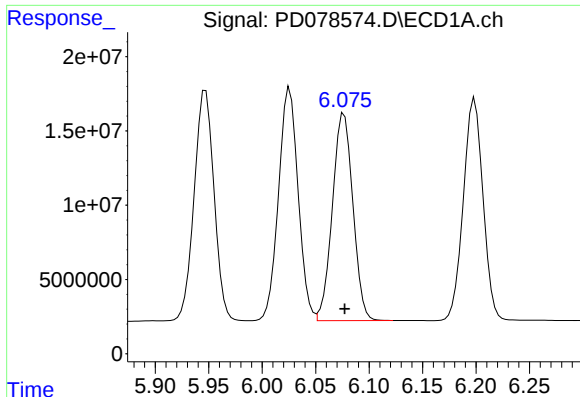
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 202212375
Conc: 48.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 129676495
Conc: 47.98 ng/ml



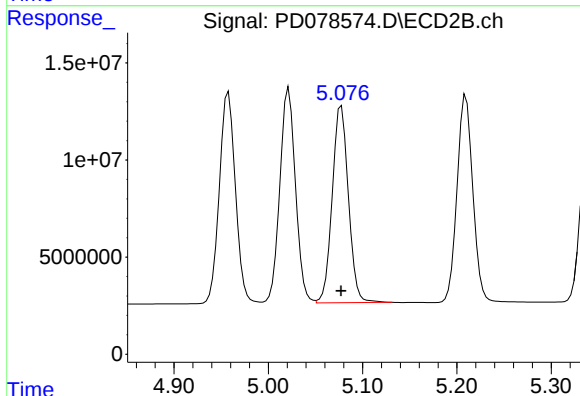
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 186400823
Conc: 47.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156019BS

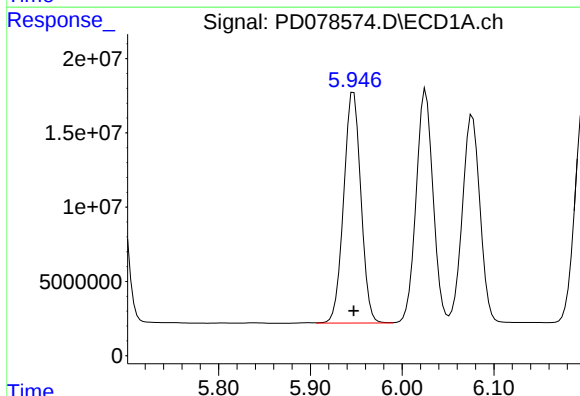
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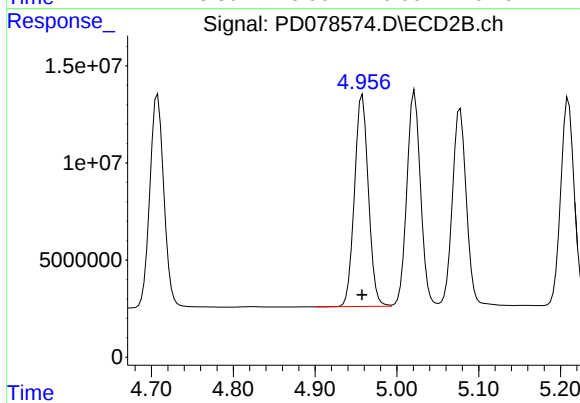
#9 Endosulfan I

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 120898987
Conc: 48.08 ng/ml



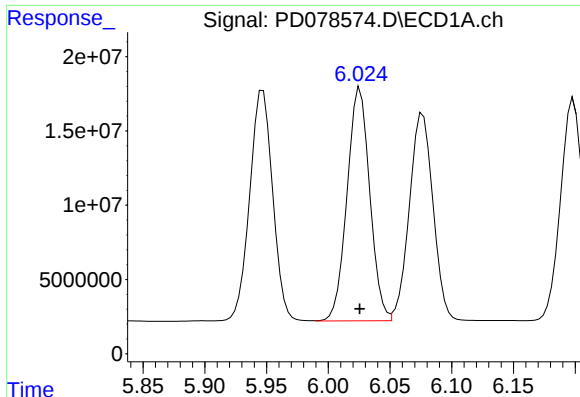
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 202012933
Conc: 48.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 128866129
Conc: 47.95 ng/ml



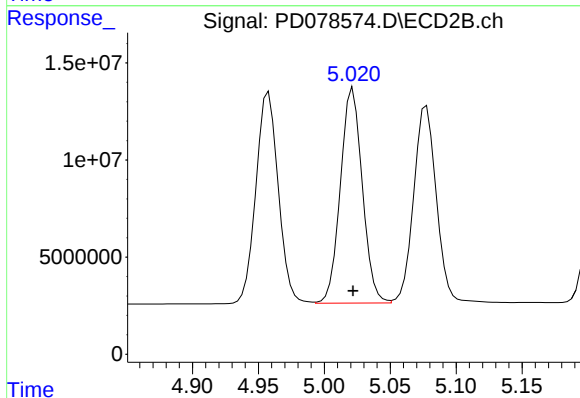
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 200783485
Conc: 47.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156019BS

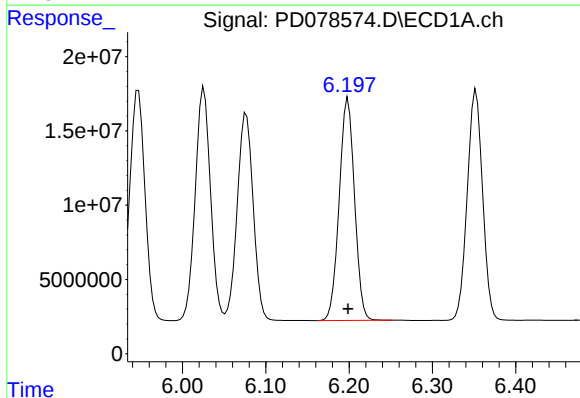
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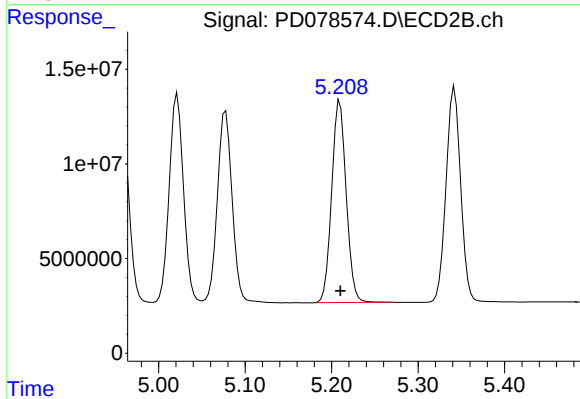
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 127885853
Conc: 47.63 ng/ml



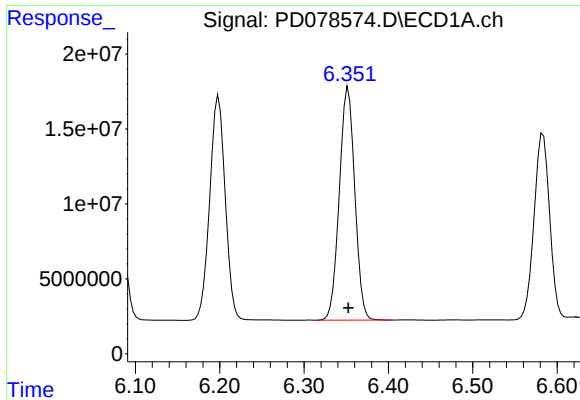
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 191304022
Conc: 47.80 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 123981002
Conc: 48.73 ng/ml



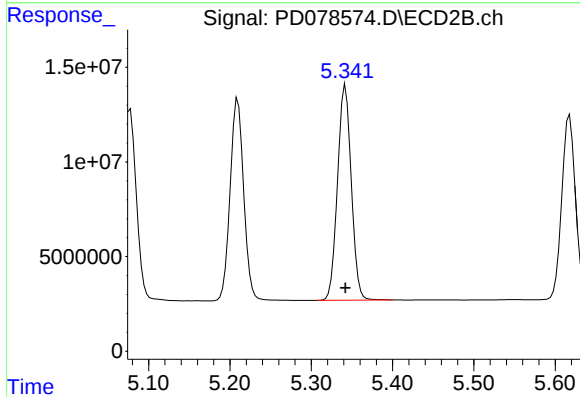
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 198091288
Conc: 47.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156019BS

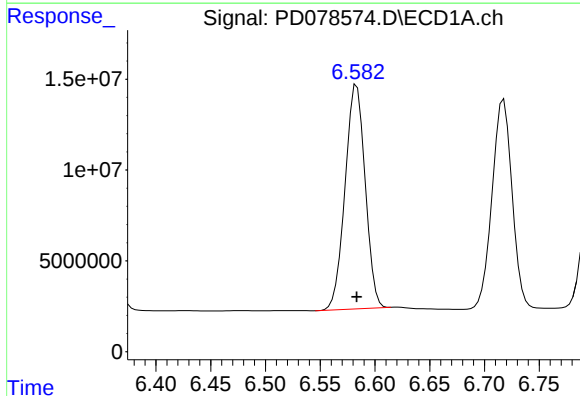
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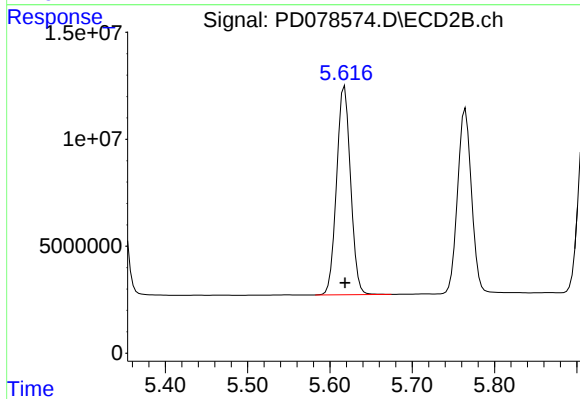
#13 Dieldrin

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 133421110
Conc: 47.79 ng/ml



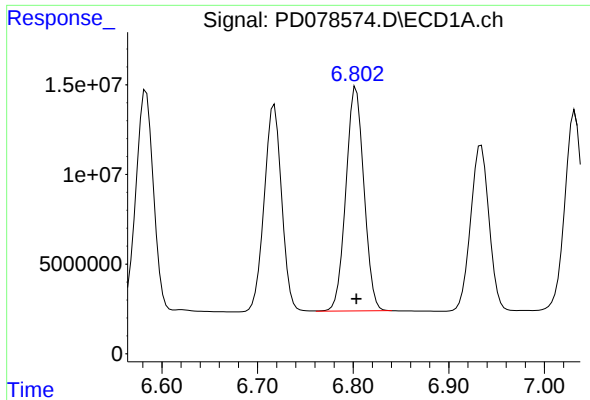
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 157455495
Conc: 46.89 ng/ml



#14 Endrin

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 115000053
Conc: 46.48 ng/ml



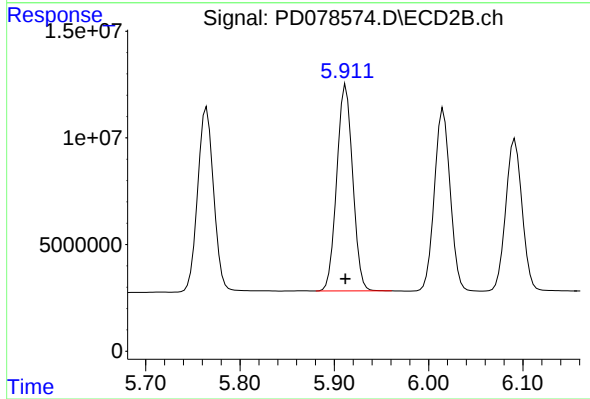
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 164479301
Conc: 45.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156019BS

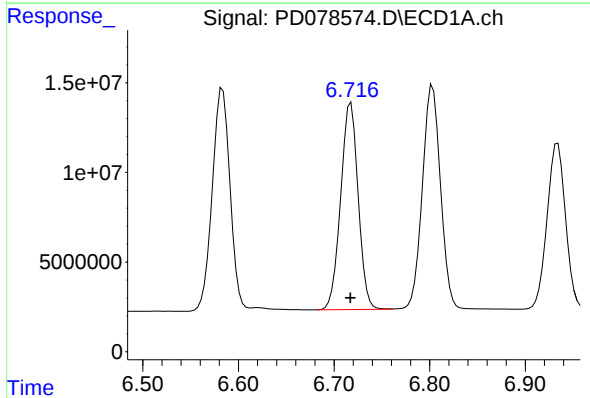
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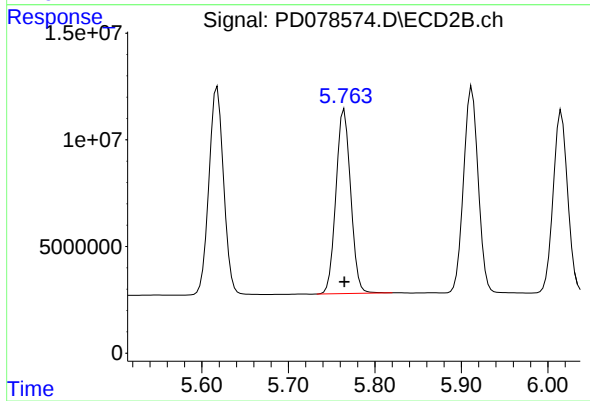
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 113483604
Conc: 47.67 ng/ml



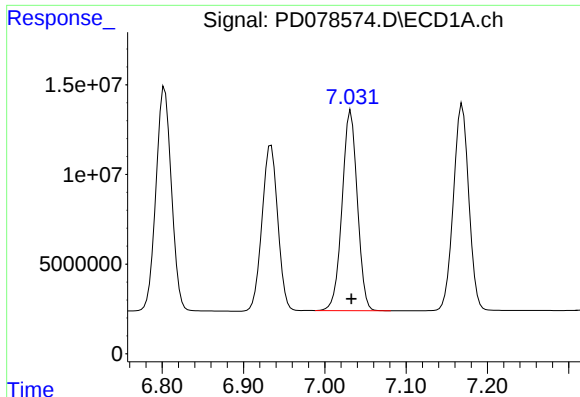
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 147049343
Conc: 49.42 ng/ml



#16 4,4'-DDD

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 101667268
Conc: 51.38 ng/ml



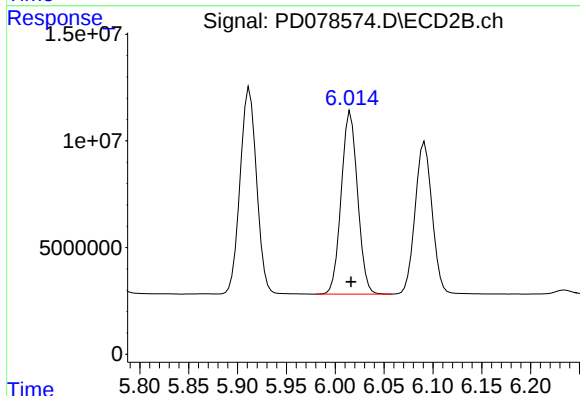
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 145145213
Conc: 49.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156019BS

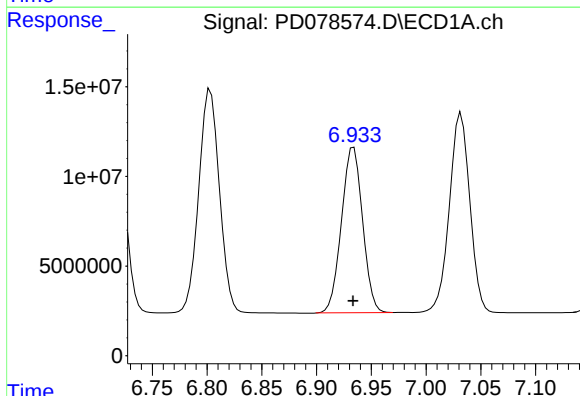
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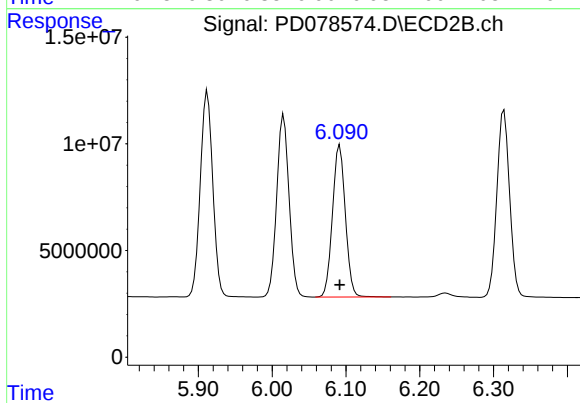
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 99716923
Conc: 48.99 ng/ml



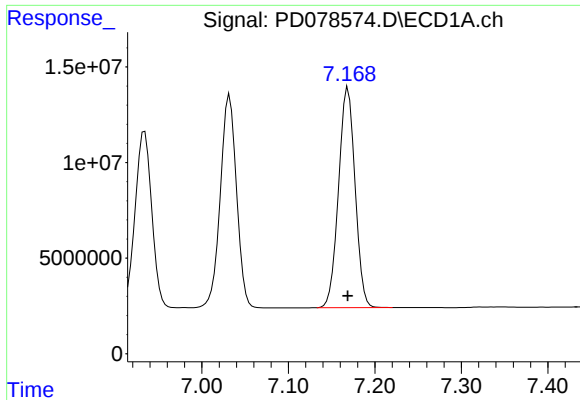
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 123626865
Conc: 46.28 ng/ml m



#18 Endrin aldehyde

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 86448192
Conc: 46.63 ng/ml



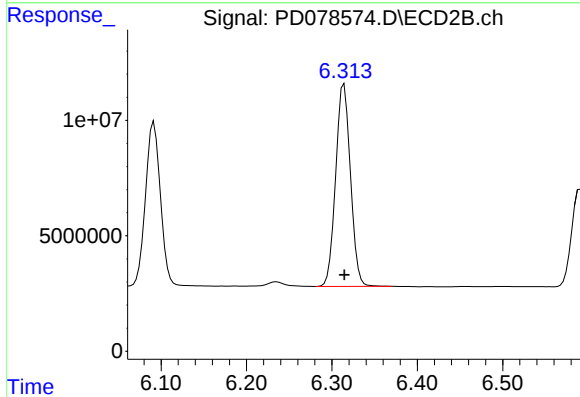
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 151799226
Conc: 47.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156019BS

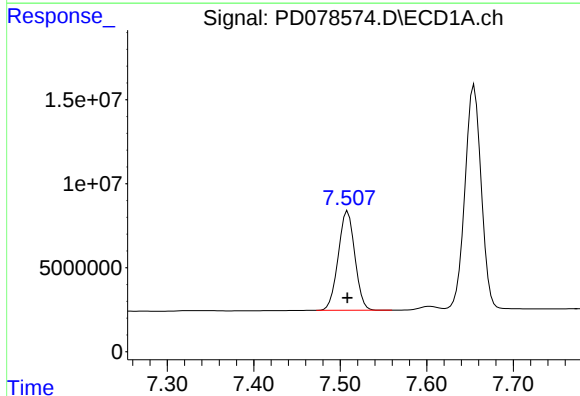
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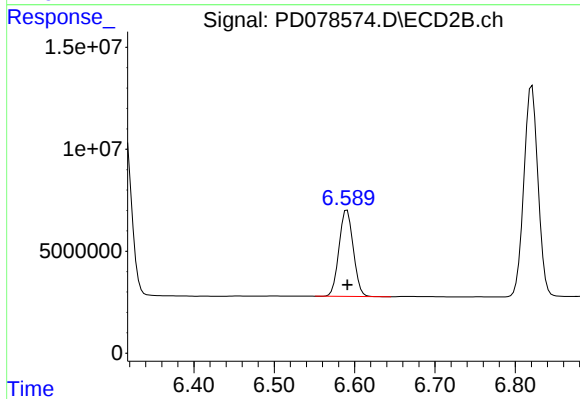
#19 Endosulfan Sulfate

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 105439747
Conc: 47.53 ng/ml



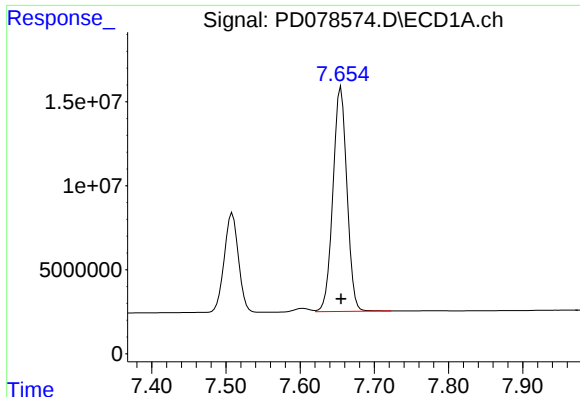
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.000 min
Response: 78413029
Conc: 46.98 ng/ml



#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 52310301
Conc: 47.95 ng/ml



#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 175571366
Conc: 48.87 ng/ml

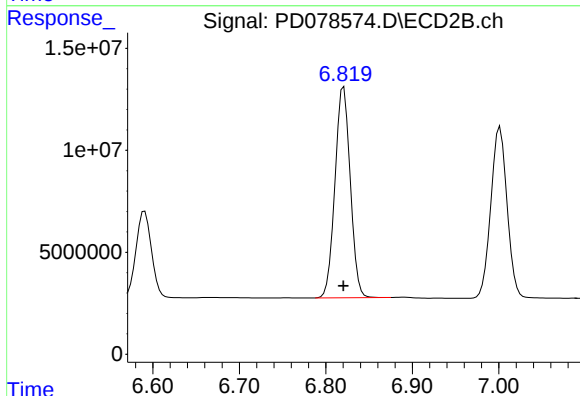
Instrument :

ECD_D

ClientSampleId :
PB156019BS

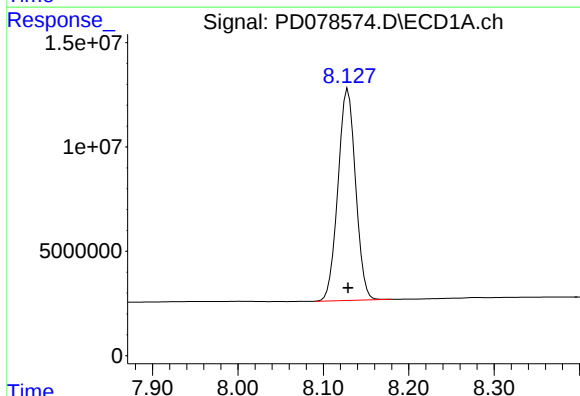
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2023
Supervised By :Ankita Jodhani 10/03/2023



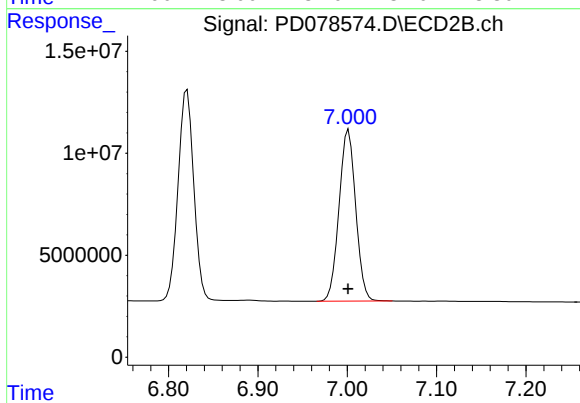
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 126374406
Conc: 48.15 ng/ml



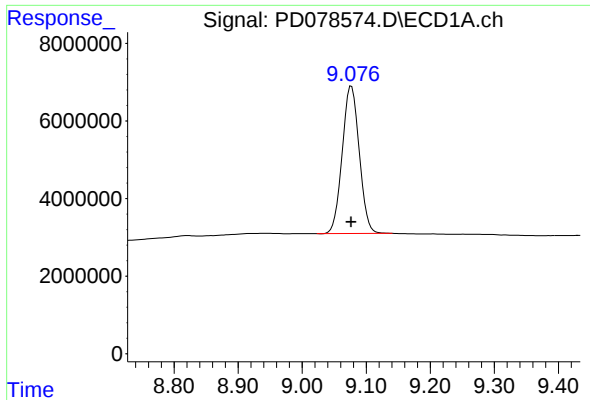
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 145191135
Conc: 54.36 ng/ml



#22 Mirex

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 108880993
Conc: 53.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 70069039
Conc: 18.89 ng/ml

Instrument :

ECD_D

ClientSampleId :

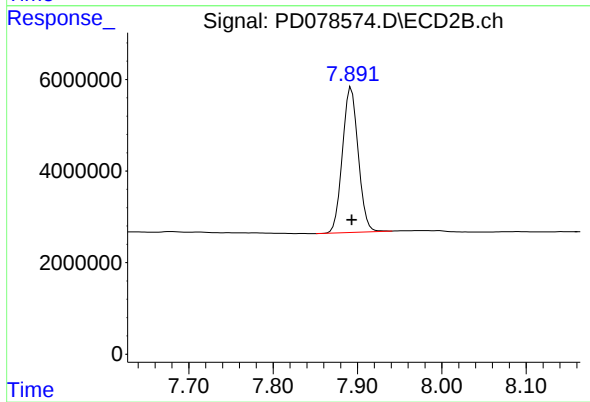
PB156019BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 41235102
Conc: 18.17 ng/ml