

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076476.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2023 01:11
 Operator : AR\AJ
 Sample : PB154083BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB154083BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2023
 Supervised By : Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 05:13:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 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...	3.544	2.764	45749878	22932471	13.964	14.436
28)	SA Decachlor...	9.085	7.908	55132244	23500142	15.506	18.673
Target Compounds							
2)	A alpha-BHC	4.001	3.266	218.4E6	93380059	37.707	38.756
3)	MA gamma-BHC...	4.334	3.596	197.3E6	86542548	37.688	38.873
4)	MA Heptachlor	4.925	3.936	209.9E6	89325634	38.165	39.325
5)	MB Aldrin	5.269	4.216	202.4E6	85264804	37.866	38.471
6)	B beta-BHC	4.531	3.893	79857731	35784677	38.099	40.239
7)	B delta-BHC	4.779	4.122	190.8E6	84599333	37.132	40.235
8)	B Heptachlo...	5.696	4.718	182.4E6	78822482	37.860	39.426
9)	A Endosulfan I	6.083	5.089	170.6E6	74043409	38.243	39.539
10)	B gamma-Chl...	5.952	4.969	184.0E6	78905784	37.826	39.627
11)	B alpha-Chl...	6.032	5.032	181.8E6	78223210	37.851	39.364
12)	B 4,4'-DDE	6.204	5.222	167.6E6	69633247	39.482	45.303
13)	MA Dieldrin	6.359	5.353	179.0E6	78081068	38.263	39.641
14)	MA Endrin	6.589	5.629	151.6E6	70489788	38.090	39.935
15)	B Endosulfa...	6.809	5.923	145.1E6	64077251	39.072	41.295
16)	A 4,4'-DDD	6.723	5.776	135.1E6	57813972	40.219	47.836
17)	MA 4,4'-DDT	7.038	6.028	142.9E6	58879254	40.655	48.649
18)	B Endrin al...	6.937	6.103	116.0E6	51877066	42.316m	45.394
19)	B Endosulfa...	7.173	6.326	143.6E6	65448565	38.861	43.074
20)	A Methoxychlor	7.513	6.603	76138264	32121359	39.837	50.299 #
21)	B Endrin ke...	7.661	6.832	161.9E6	75786712	38.792	43.360
22)	Mirex	8.135	7.014	119.0E6	59141126	37.666	39.899

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076476.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2023 01:11
Operator : AR\AJ
Sample : PB154083BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

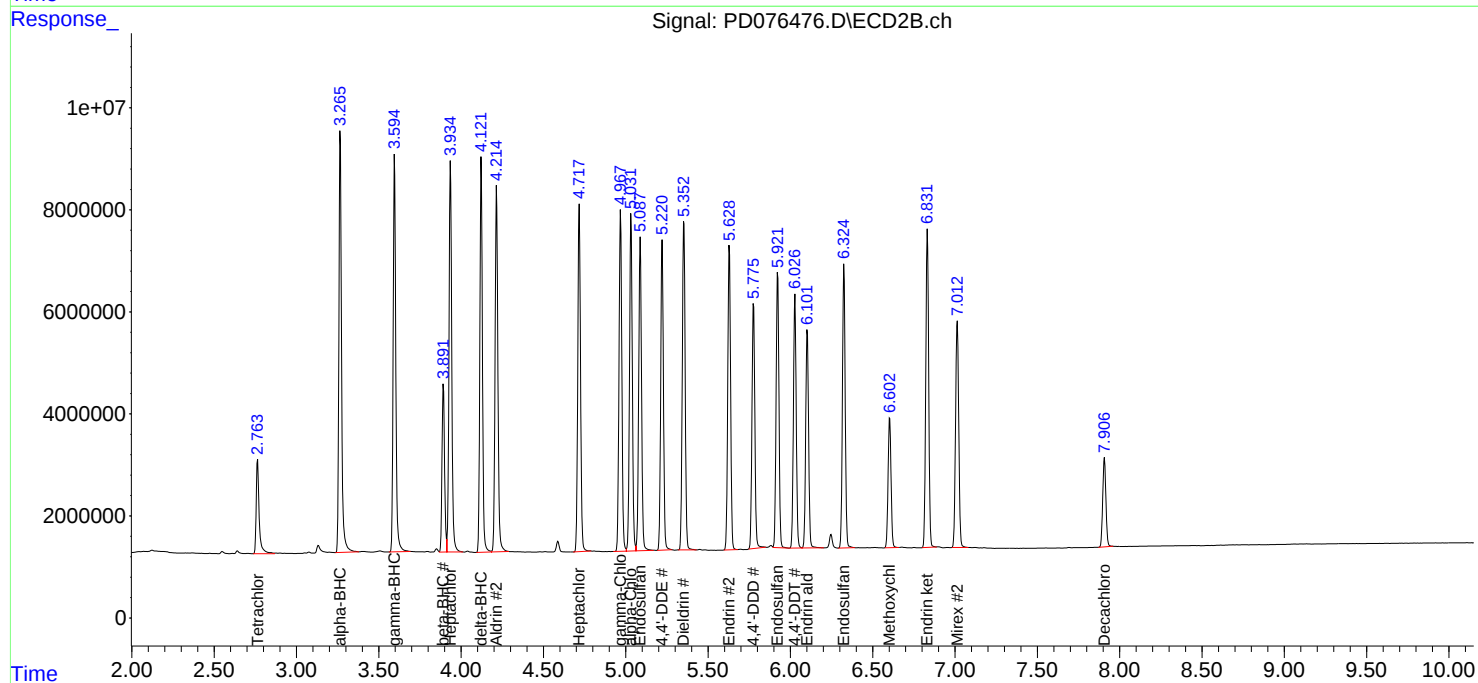
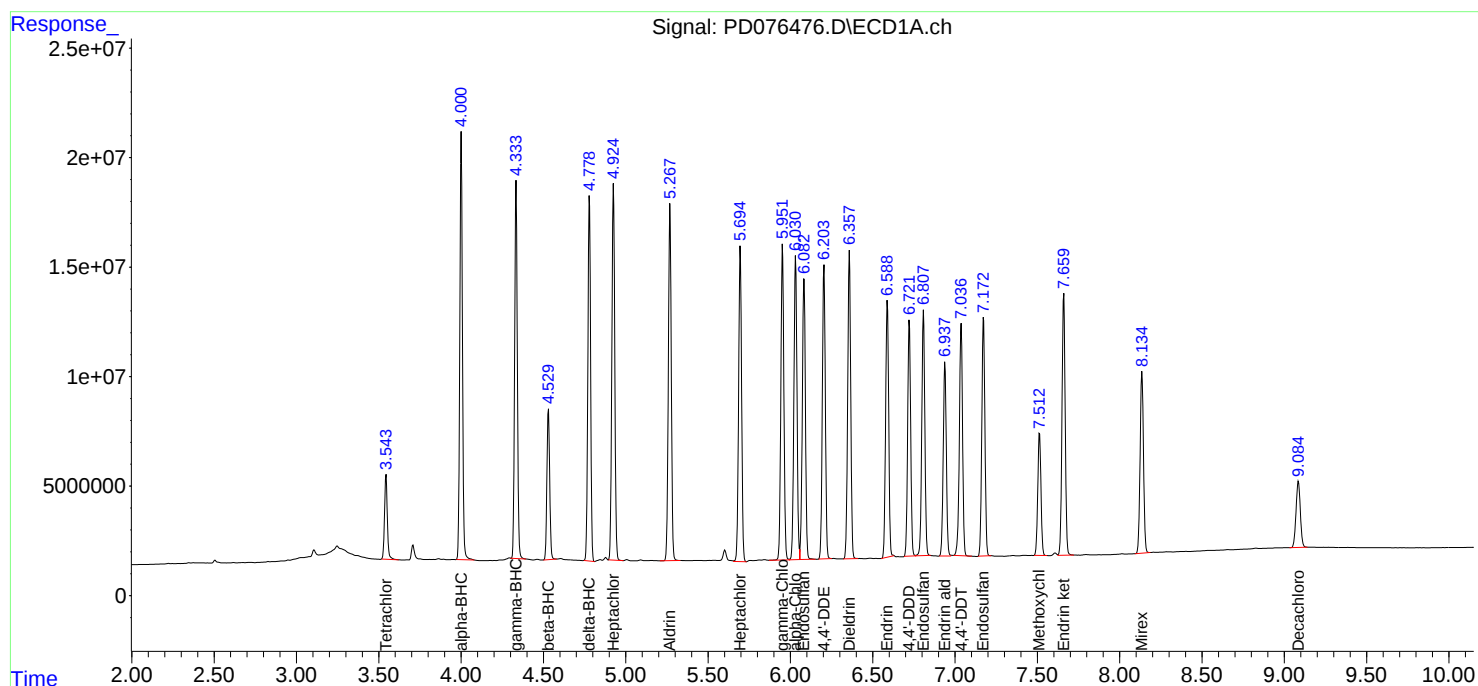
Instrument :
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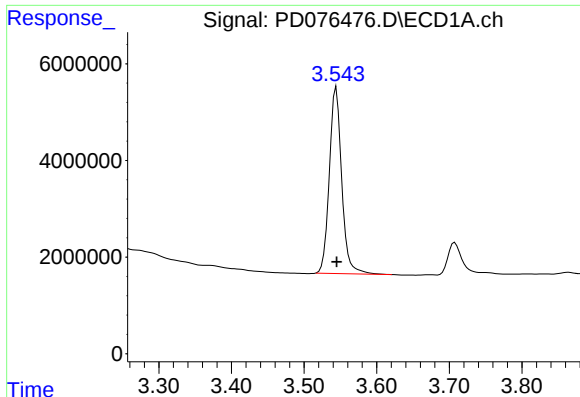
Manual Integrations
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Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 05:13:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 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





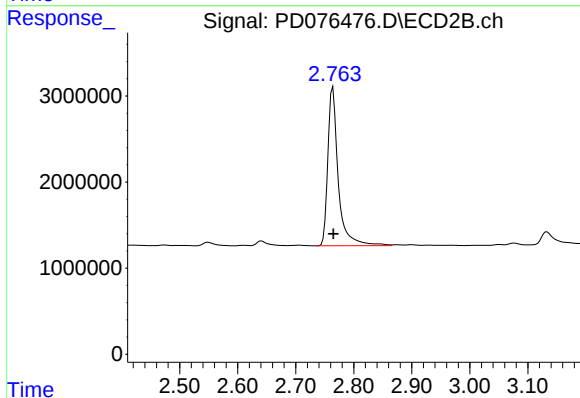
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 45749878
Conc: 13.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154083BS

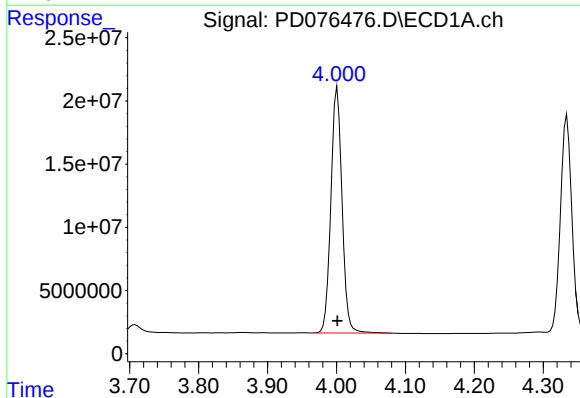
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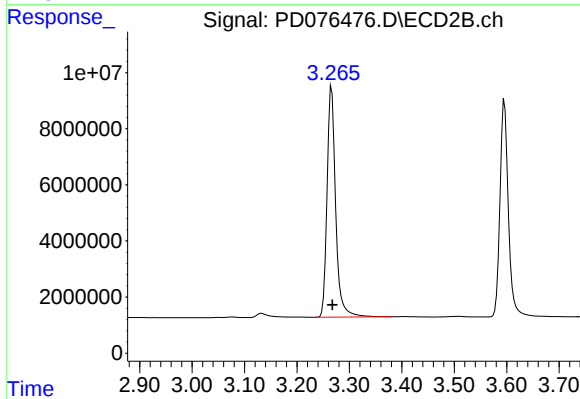
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: -0.001 min
Response: 22932471
Conc: 14.44 ng/ml



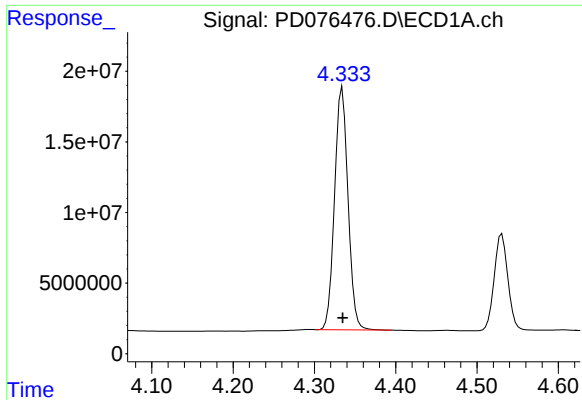
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 218398015
Conc: 37.71 ng/ml



#2 alpha-BHC

R.T.: 3.266 min
Delta R.T.: -0.001 min
Response: 93380059
Conc: 38.76 ng/ml



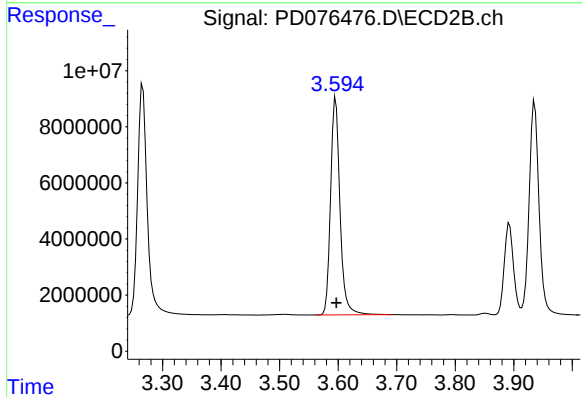
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 197315889
Conc: 37.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154083BS

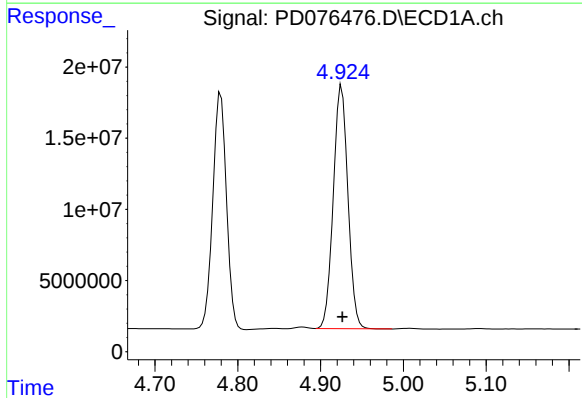
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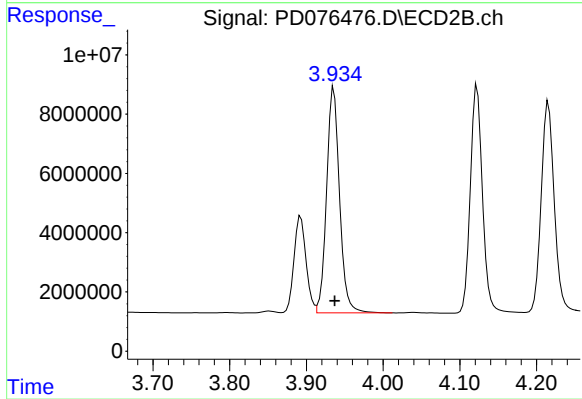
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: -0.001 min
Response: 86542548
Conc: 38.87 ng/ml



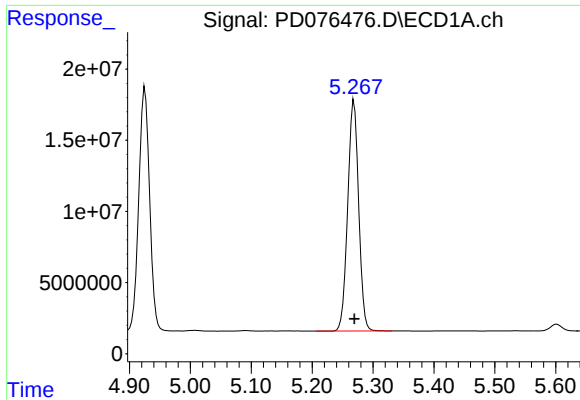
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 209910351
Conc: 38.16 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.001 min
Response: 89325634
Conc: 39.32 ng/ml



#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 202441658
Conc: 37.87 ng/ml

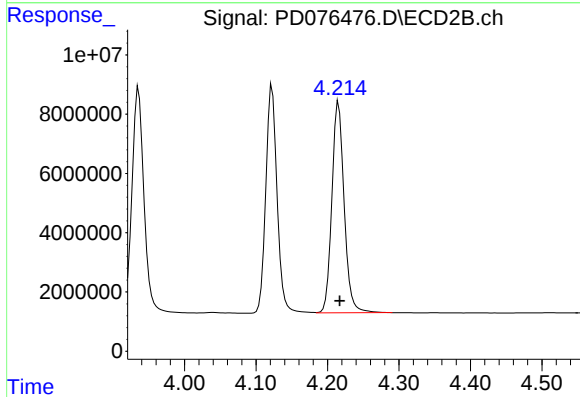
Instrument :

ECD_D

ClientSampleId :
PB154083BS

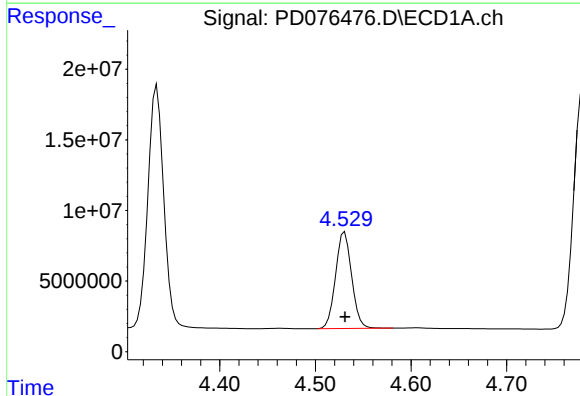
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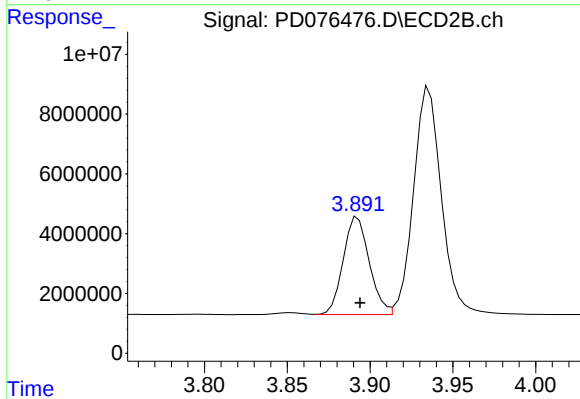
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.001 min
Response: 85264804
Conc: 38.47 ng/ml



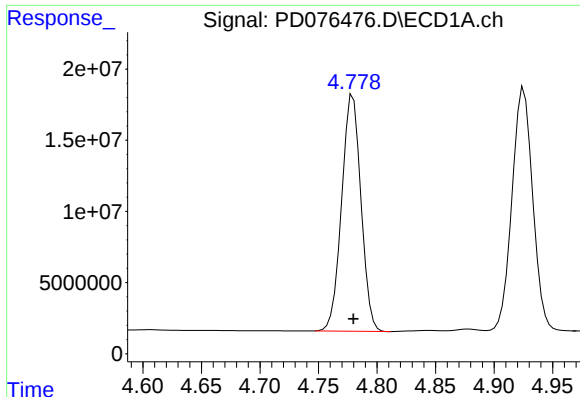
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 79857731
Conc: 38.10 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: -0.001 min
Response: 35784677
Conc: 40.24 ng/ml



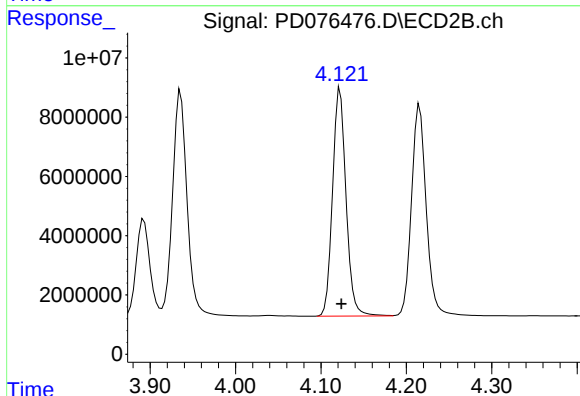
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 190849126
Conc: 37.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154083BS

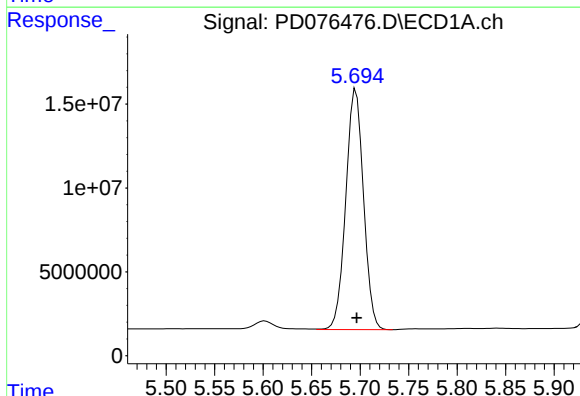
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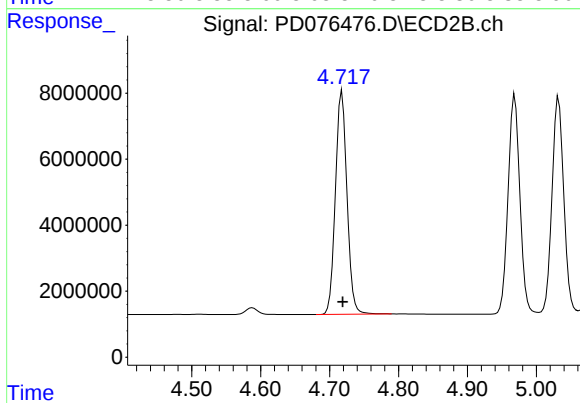
#7 delta-BHC

R.T.: 4.122 min
Delta R.T.: -0.001 min
Response: 84599333
Conc: 40.23 ng/ml



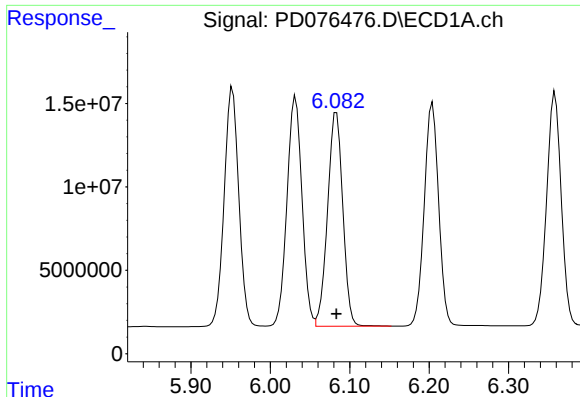
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 182420406
Conc: 37.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.001 min
Response: 78822482
Conc: 39.43 ng/ml



#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 170603219
Conc: 38.24 ng/ml

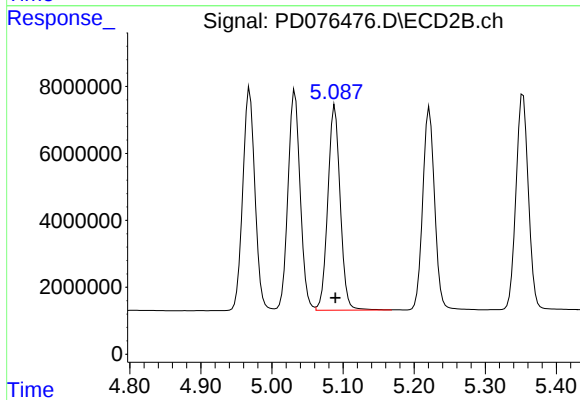
Instrument :

ECD_D

ClientSampleId :
PB154083BS

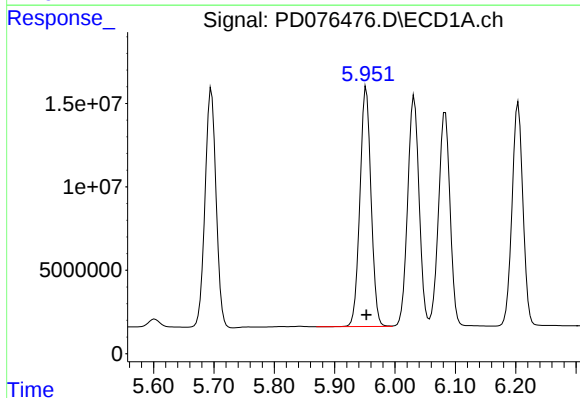
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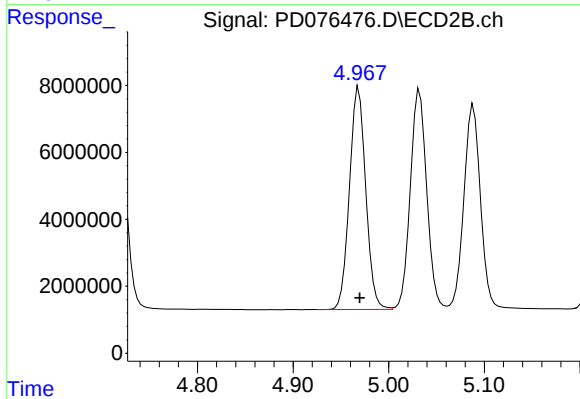
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 74043409
Conc: 39.54 ng/ml



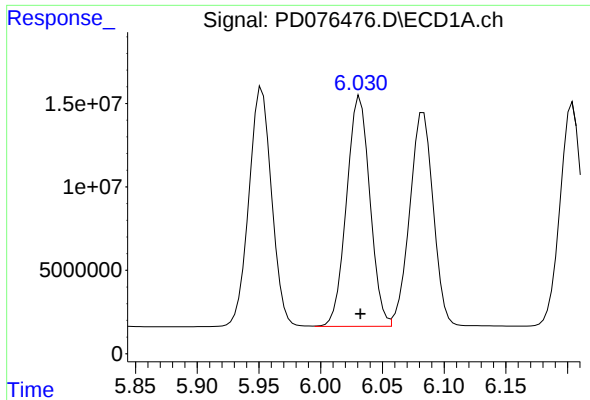
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 183950253
Conc: 37.83 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 78905784
Conc: 39.63 ng/ml



#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 181846604
Conc: 37.85 ng/ml

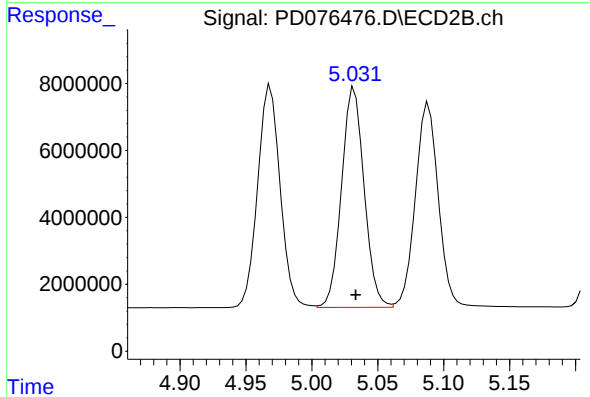
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ECD_D

ClientSampleId :
PB154083BS

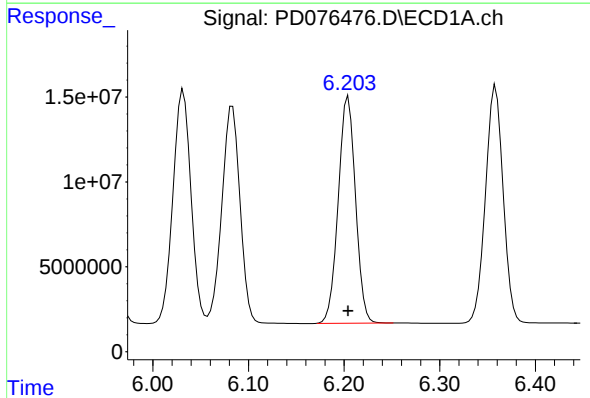
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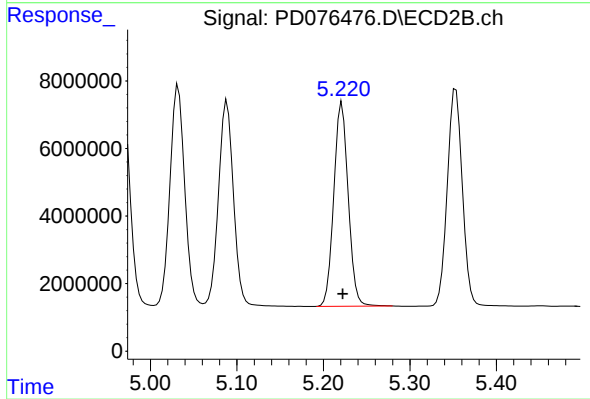
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.001 min
Response: 78223210
Conc: 39.36 ng/ml



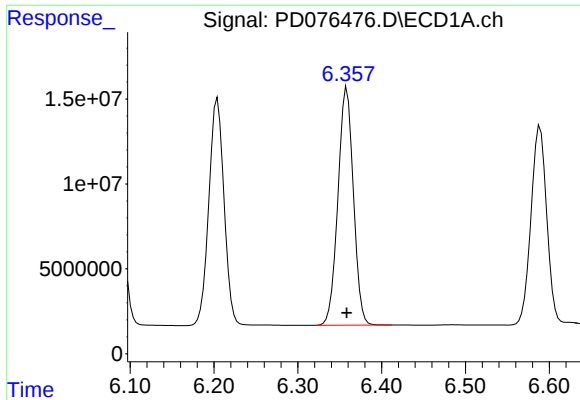
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 167593346
Conc: 39.48 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 69633247
Conc: 45.30 ng/ml



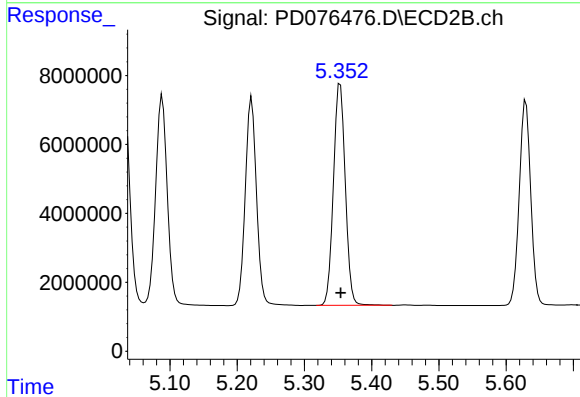
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 178997473
Conc: 38.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154083BS

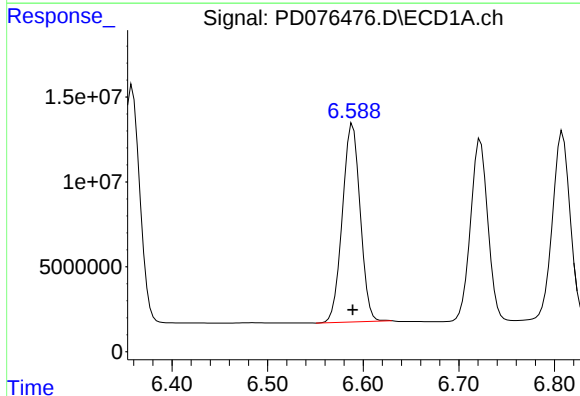
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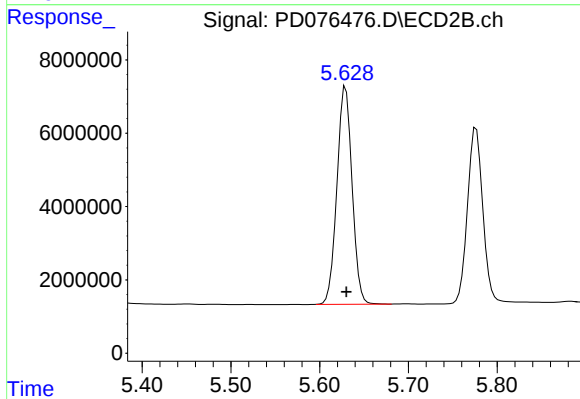
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 78081068
Conc: 39.64 ng/ml



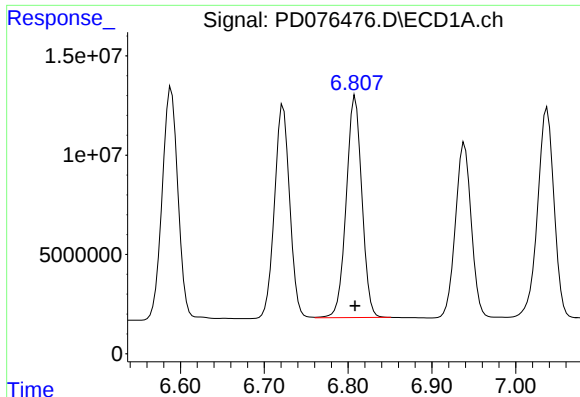
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 151647440
Conc: 38.09 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 70489788
Conc: 39.94 ng/ml



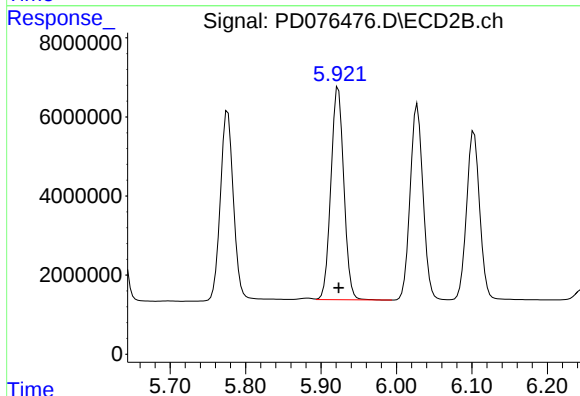
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 145098105
Conc: 39.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
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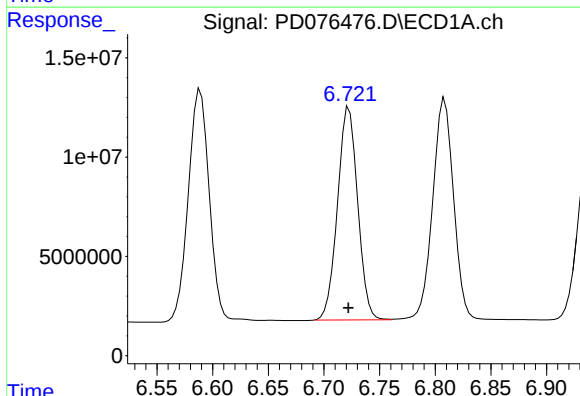
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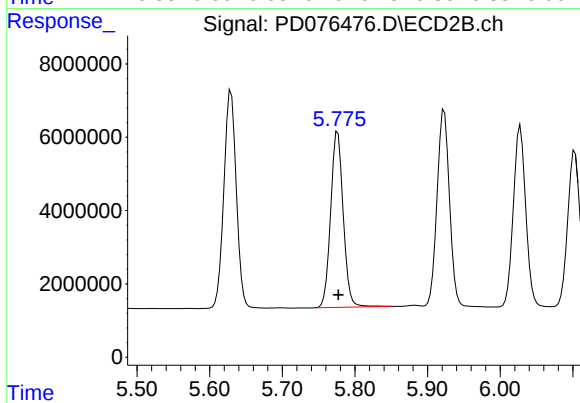
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 64077251
Conc: 41.29 ng/ml



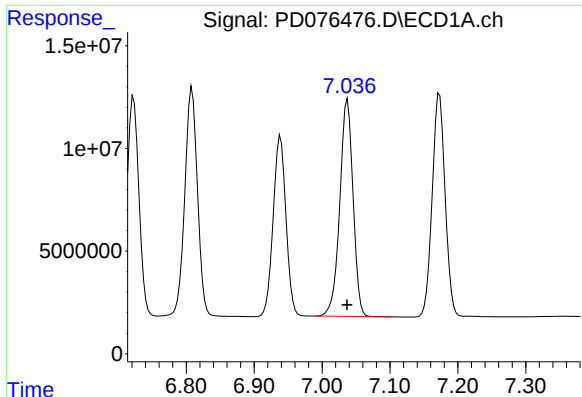
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 135120694
Conc: 40.22 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 57813972
Conc: 47.84 ng/ml



#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 142943293
Conc: 40.66 ng/ml

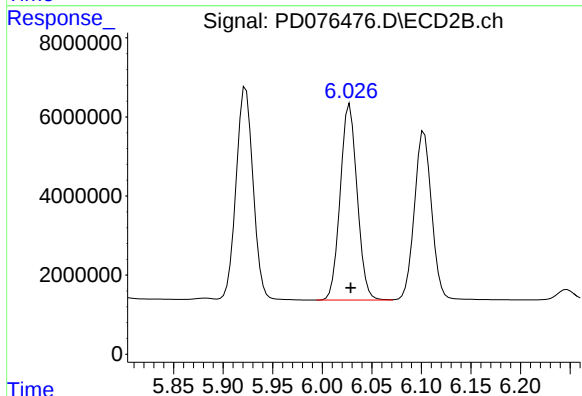
Instrument :

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PB154083BS

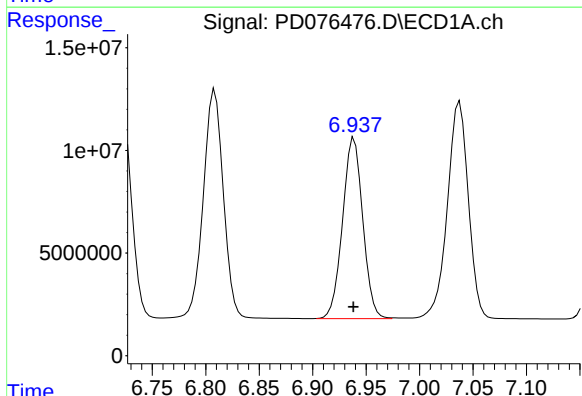
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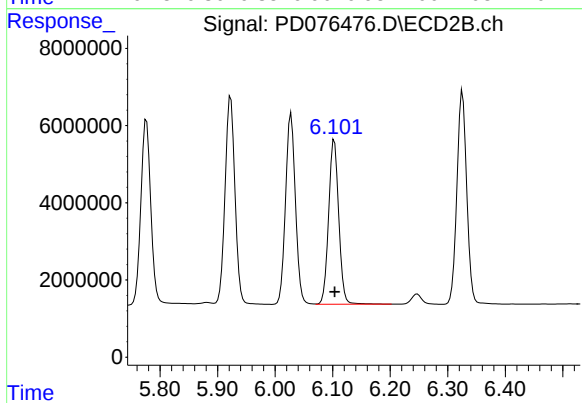
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 58879254
Conc: 48.65 ng/ml



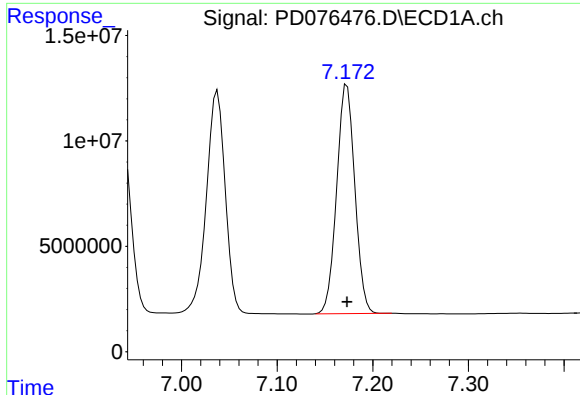
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 115983112
Conc: 42.32 ng/ml m



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 51877066
Conc: 45.39 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 143585795
Conc: 38.86 ng/ml

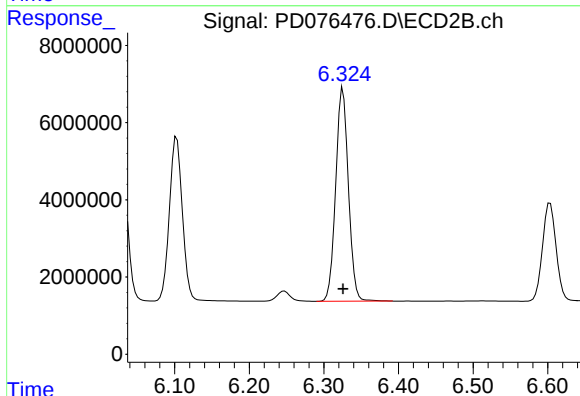
Instrument :

ECD_D

ClientSampleId :
PB154083BS

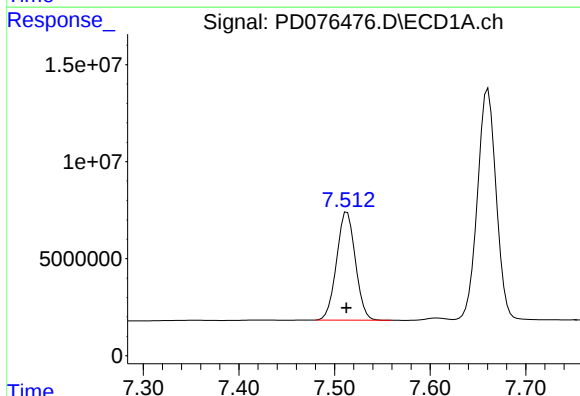
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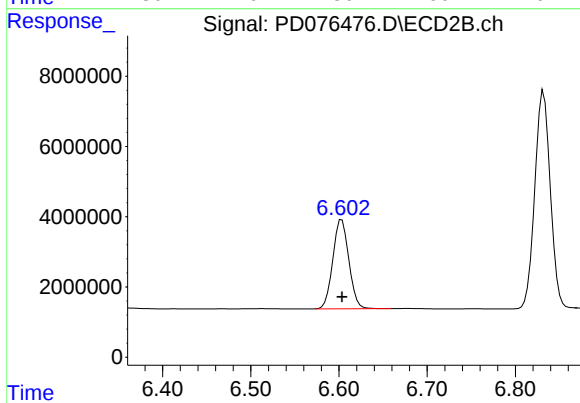
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 65448565
Conc: 43.07 ng/ml



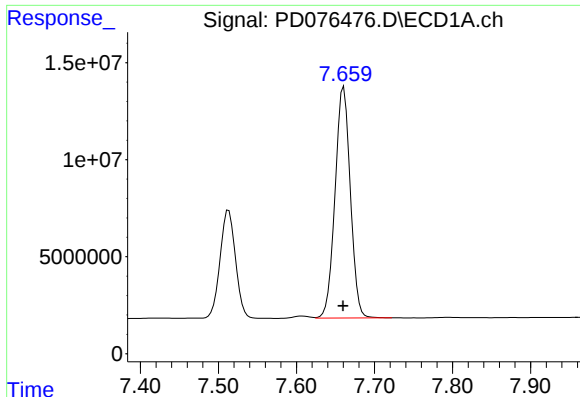
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 76138264
Conc: 39.84 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 32121359
Conc: 50.30 ng/ml



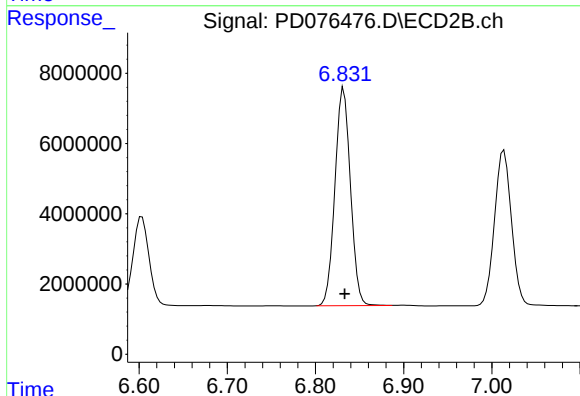
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 161946782
Conc: 38.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154083BS

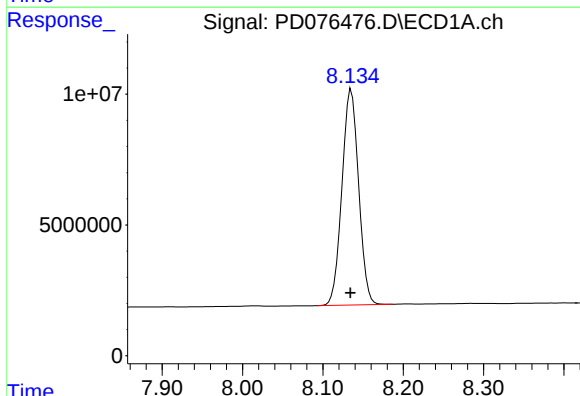
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



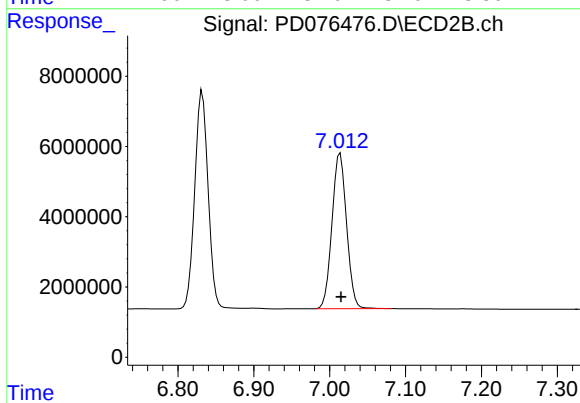
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.001 min
Response: 75786712
Conc: 43.36 ng/ml



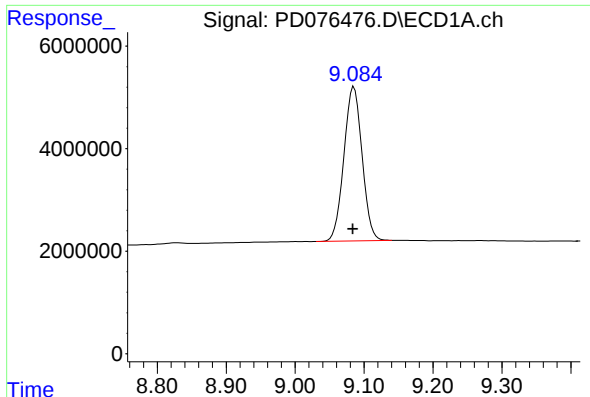
#22 Mirex

R.T.: 8.135 min
Delta R.T.: 0.001 min
Response: 119016270
Conc: 37.67 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 59141126
Conc: 39.90 ng/ml



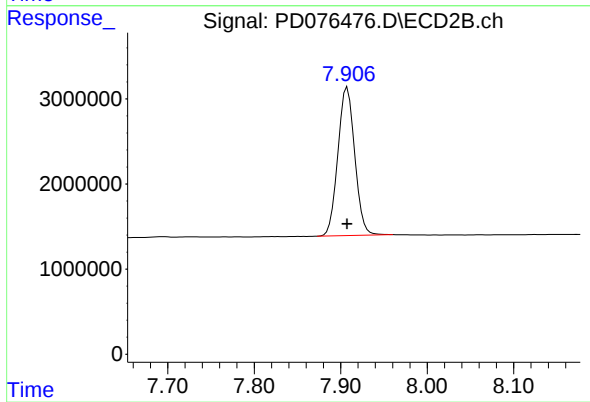
#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.002 min
Response: 55132244
Conc: 15.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154083BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 23500142
Conc: 18.67 ng/ml