

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076483.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2023 02:45
 Operator : AR\AJ
 Sample : PB154063BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB154063BS

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 05:18:19 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	45422108	22448725	13.864	14.132
28)	SA Decachlor...	9.086	7.907	55747997	23588760	15.679	18.743
Target Compounds							
2)	A alpha-BHC	4.001	3.266	218.1E6	92595074	37.647	38.430
3)	MA gamma-BHC...	4.334	3.596	198.6E6	86160059	37.925	38.701
4)	MA Heptachlor	4.925	3.935	208.4E6	88392320	37.896	38.914
5)	MB Aldrin	5.268	4.216	201.7E6	86241411	37.729	38.912
6)	B beta-BHC	4.531	3.893	79524752	35497610	37.941	39.916
7)	B delta-BHC	4.779	4.123	190.8E6	84393825	37.114	40.137
8)	B Heptachlo...	5.696	4.718	189.2E6	77937060	39.259	38.983
9)	A Endosulfan I	6.083	5.088	171.4E6	71455604	38.411	38.157
10)	B gamma-Chl...	5.953	4.968	186.3E6	78727244	38.305	39.538
11)	B alpha-Chl...	6.032	5.032	182.1E6	77788254	37.900	39.145
12)	B 4,4'-DDE	6.205	5.222	163.3E6	71122612	38.474	46.272
13)	MA Dieldrin	6.359	5.353	178.5E6	77680217	38.154	39.438
14)	MA Endrin	6.589	5.629	153.3E6	72657323	38.505	41.163
15)	B Endosulfa...	6.809	5.923	144.2E6	63002320	38.843	40.602
16)	A 4,4'-DDD	6.723	5.776	135.0E6	57037083	40.178	47.193
17)	MA 4,4'-DDT	7.038	6.028	142.4E6	58325129	40.510	48.191
18)	B Endrin al...	6.938	6.103	115.4E6	51432853	42.116m	45.005
19)	B Endosulfa...	7.174	6.325	142.4E6	65065189	38.550	42.822
20)	A Methoxychlor	7.514	6.603	70262789	31907391	36.762	49.964 #
21)	B Endrin ke...	7.661	6.832	160.5E6	66786573	38.451	38.211
22)	Mirex	8.136	7.014	119.5E6	58629096	37.834	39.554

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2023 02:45
Operator : AR\AJ
Sample : PB154063BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

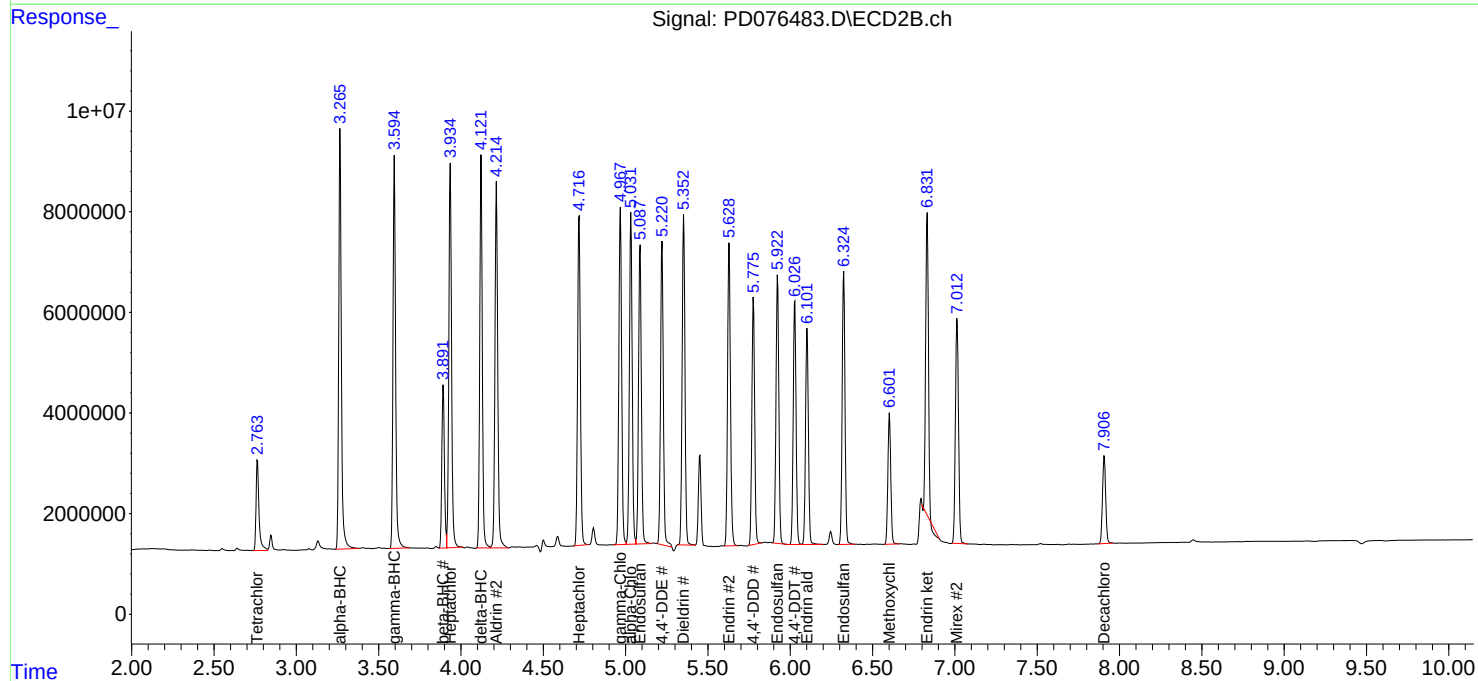
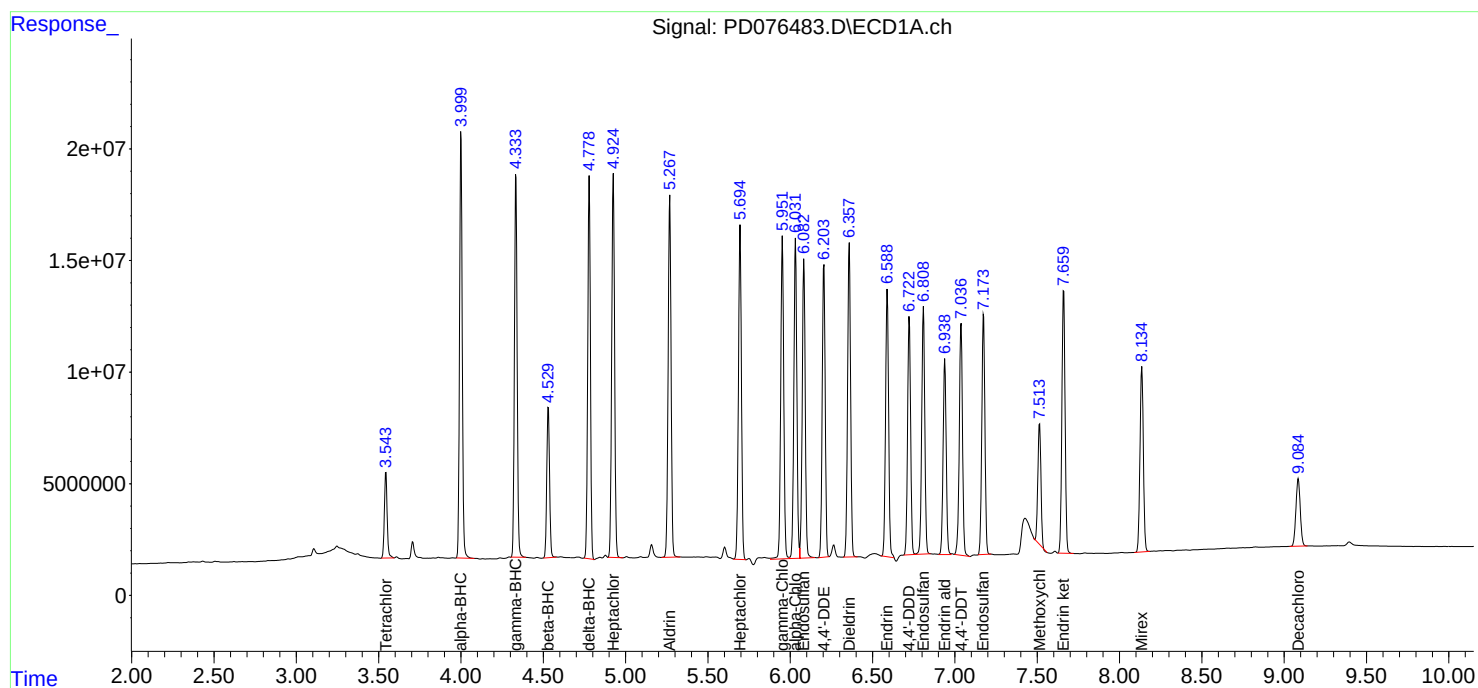
Instrument :
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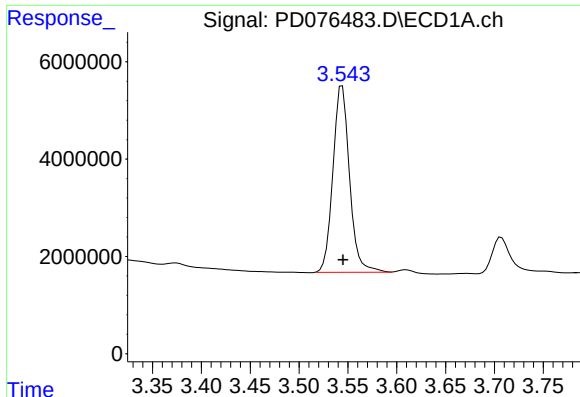
Manual Integrations
APPROVED

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 05:18:19 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





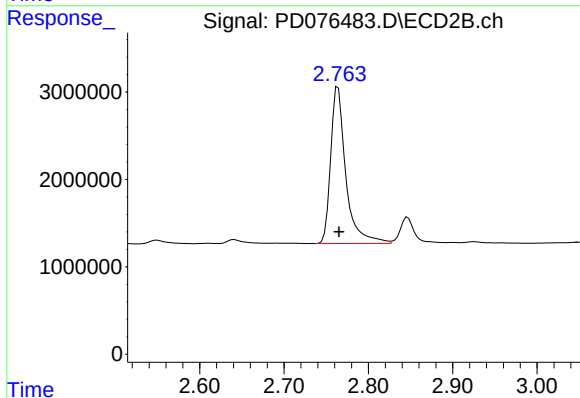
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 45422108
Conc: 13.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154063BS

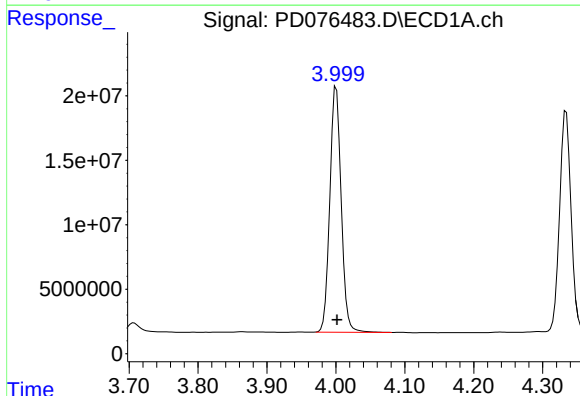
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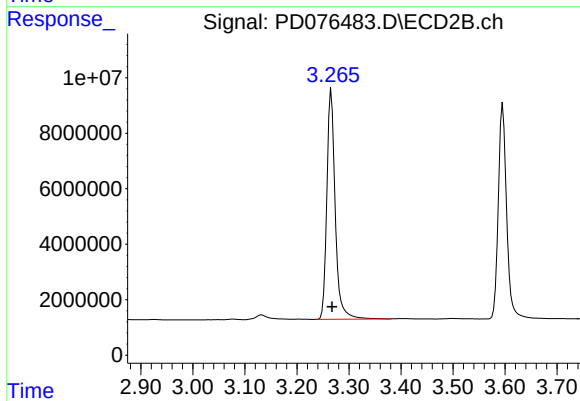
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: -0.001 min
Response: 22448725
Conc: 14.13 ng/ml



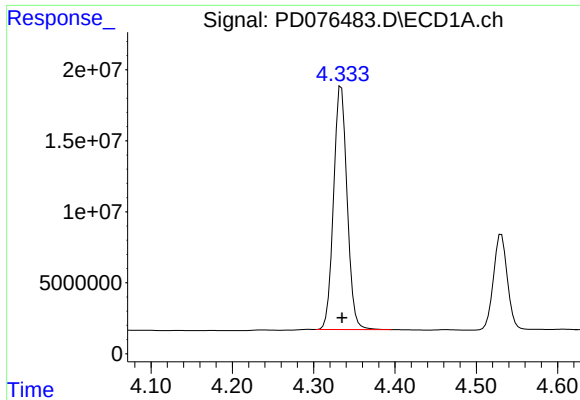
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.001 min
Response: 218050258
Conc: 37.65 ng/ml



#2 alpha-BHC

R.T.: 3.266 min
Delta R.T.: -0.001 min
Response: 92595074
Conc: 38.43 ng/ml



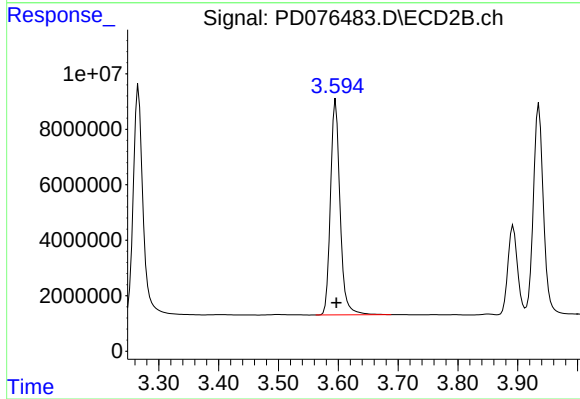
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 198554678
Conc: 37.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154063BS

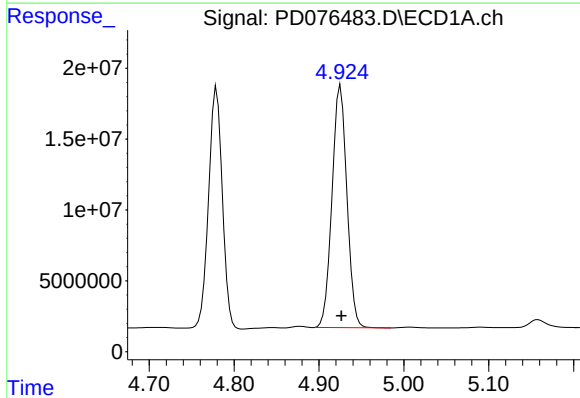
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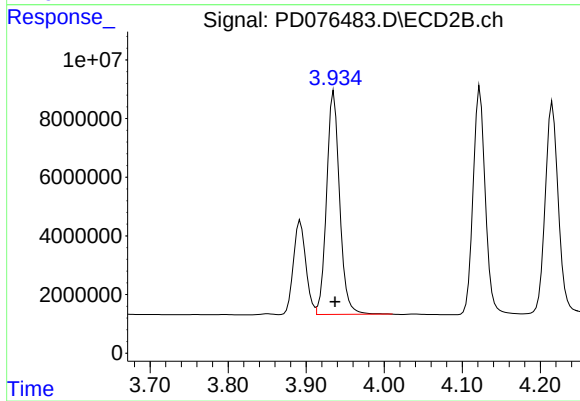
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: -0.001 min
Response: 86160059
Conc: 38.70 ng/ml



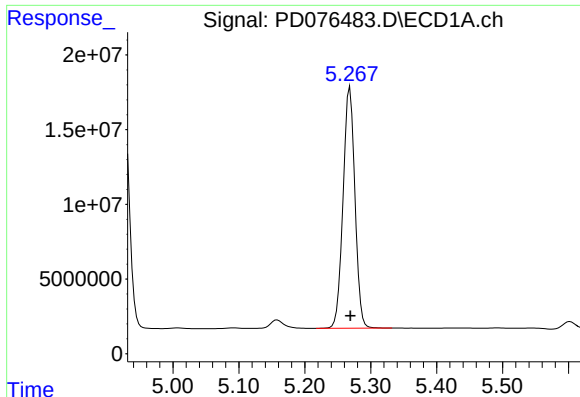
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 208434158
Conc: 37.90 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 88392320
Conc: 38.91 ng/ml



#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 201709796
Conc: 37.73 ng/ml

Instrument :

ECD_D

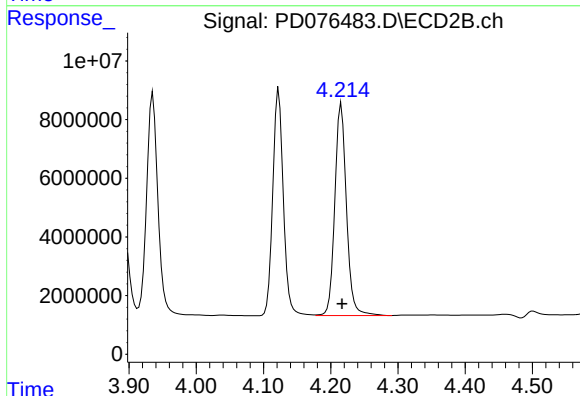
ClientSampleId :

PB154063BS

Manual Integrations

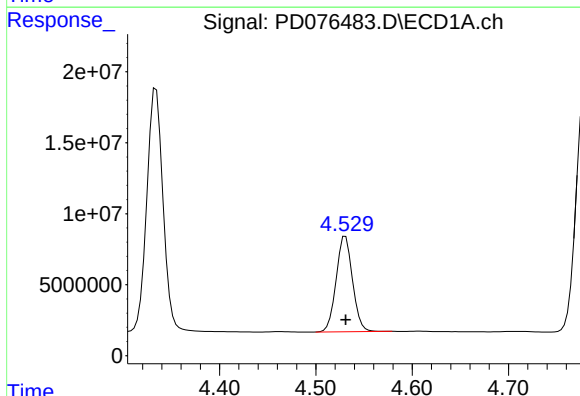
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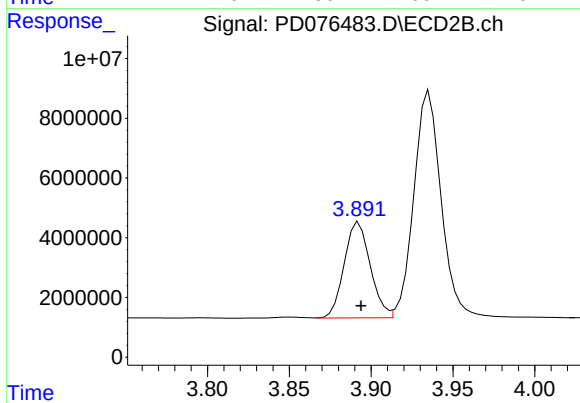
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.001 min
Response: 86241411
Conc: 38.91 ng/ml



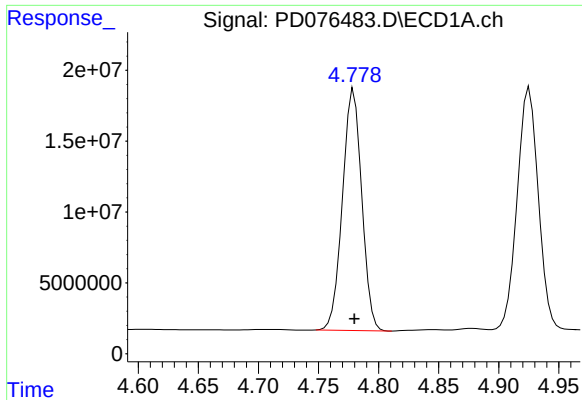
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 79524752
Conc: 37.94 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: -0.001 min
Response: 35497610
Conc: 39.92 ng/ml



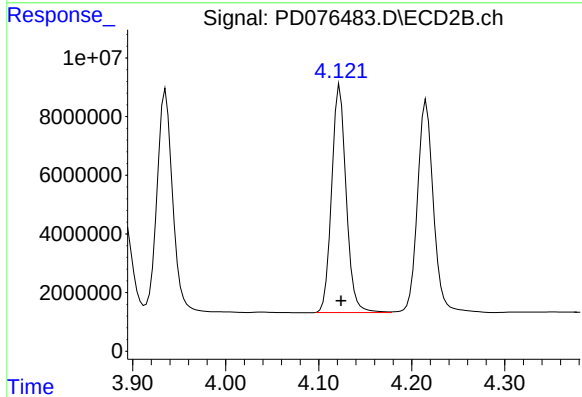
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 190755249
Conc: 37.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154063BS

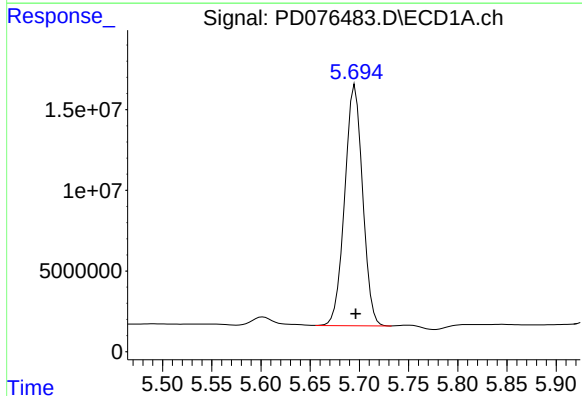
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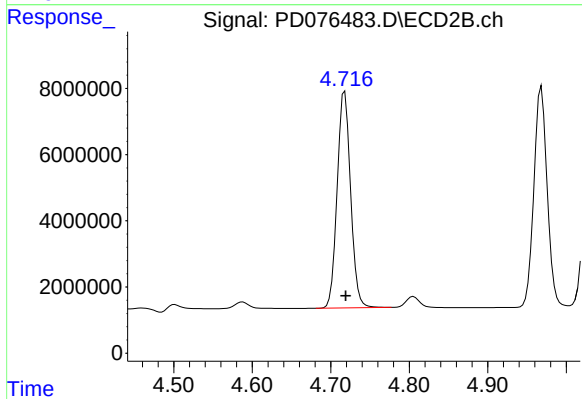
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: -0.001 min
Response: 84393825
Conc: 40.14 ng/ml



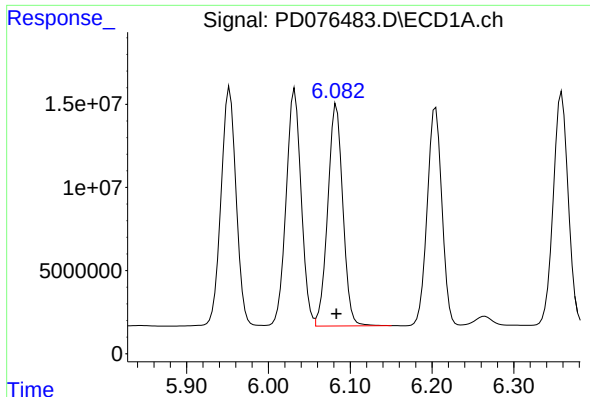
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 189159952
Conc: 39.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.001 min
Response: 77937060
Conc: 38.98 ng/ml



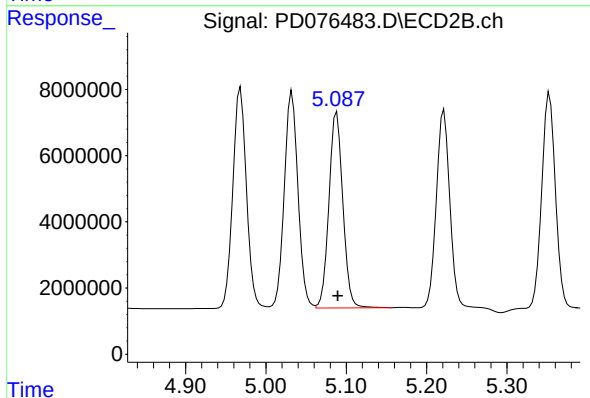
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 171353288
Conc: 38.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154063BS

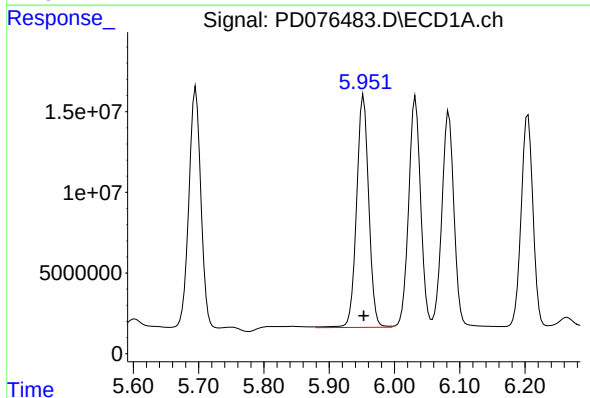
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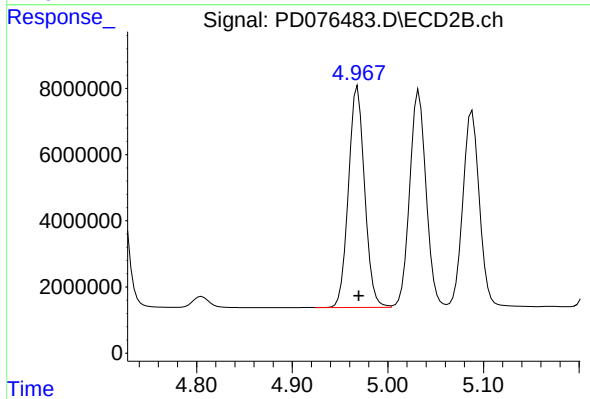
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.001 min
Response: 71455604
Conc: 38.16 ng/ml



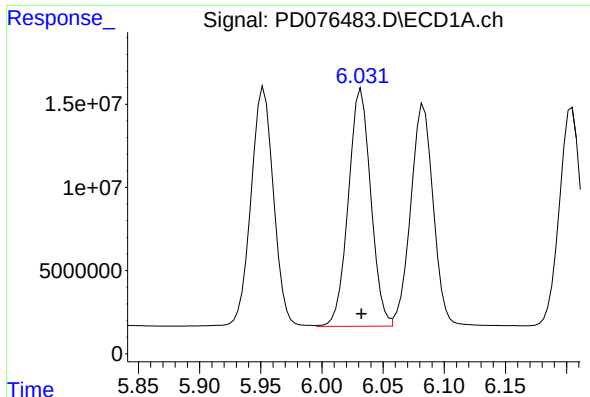
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 186279705
Conc: 38.30 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.001 min
Response: 78727244
Conc: 39.54 ng/ml



#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 182078458
Conc: 37.90 ng/ml

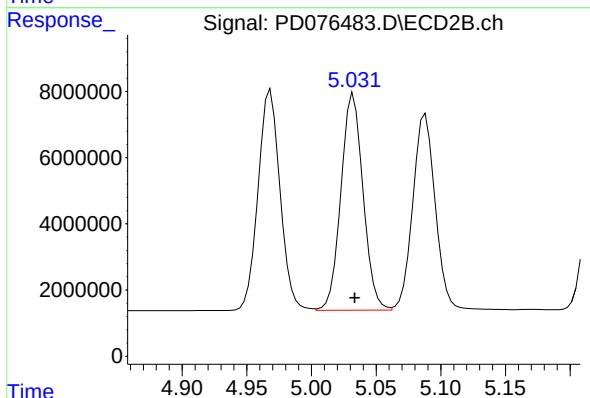
Instrument :

ECD_D

ClientSampleId :
PB154063BS

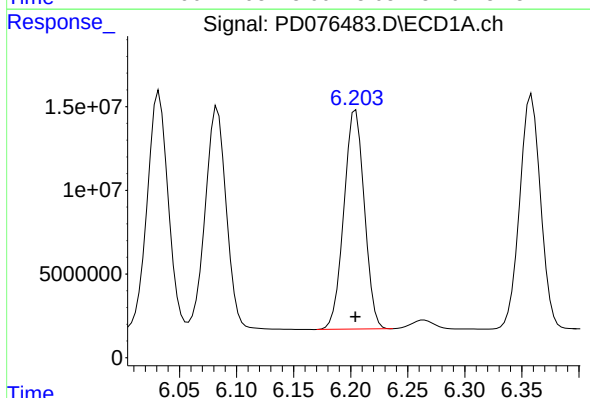
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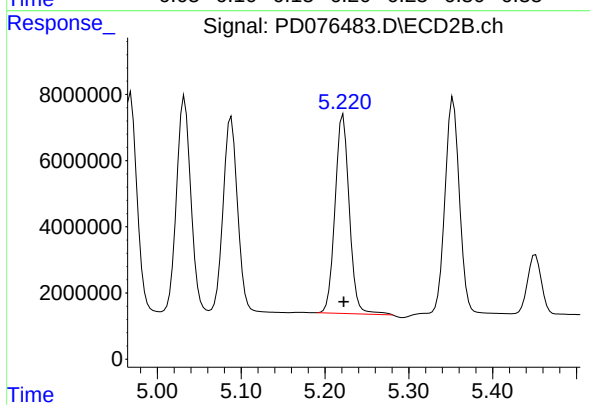
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 77788254
Conc: 39.14 ng/ml



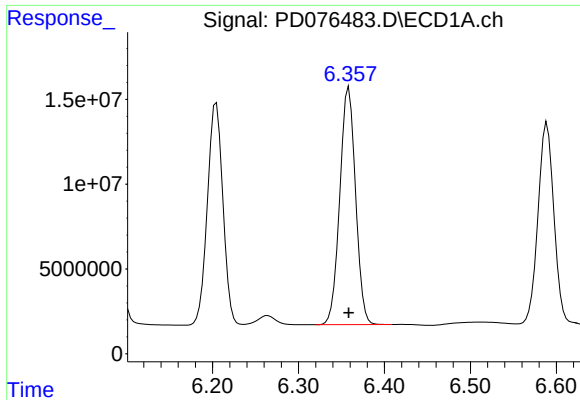
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 163316616
Conc: 38.47 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 71122612
Conc: 46.27 ng/ml



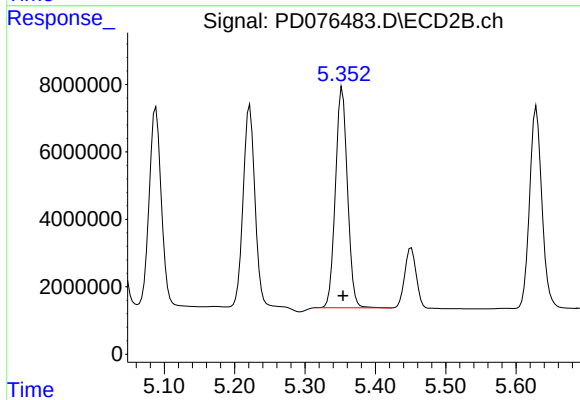
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 178485475
Conc: 38.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154063BS

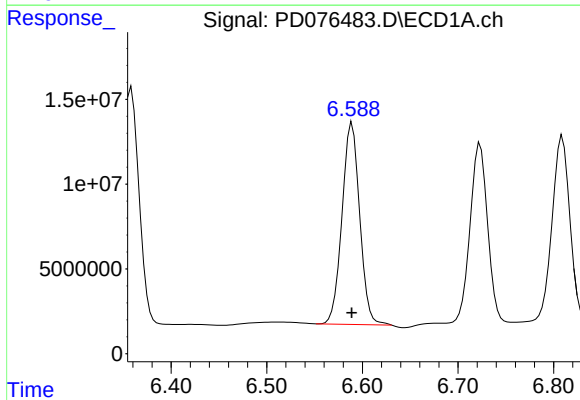
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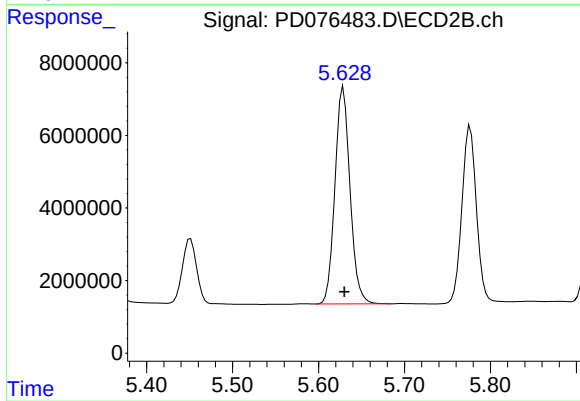
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.001 min
Response: 77680217
Conc: 39.44 ng/ml



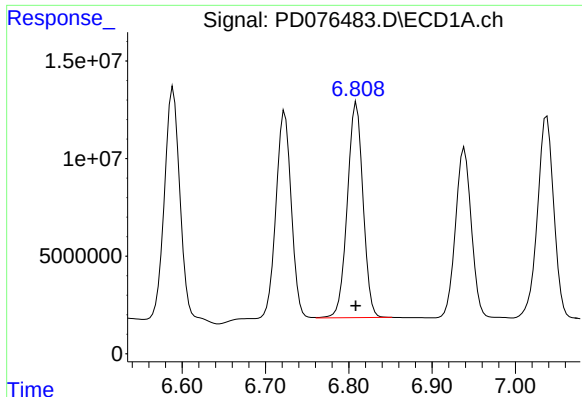
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 153302723
Conc: 38.51 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.001 min
Response: 72657323
Conc: 41.16 ng/ml



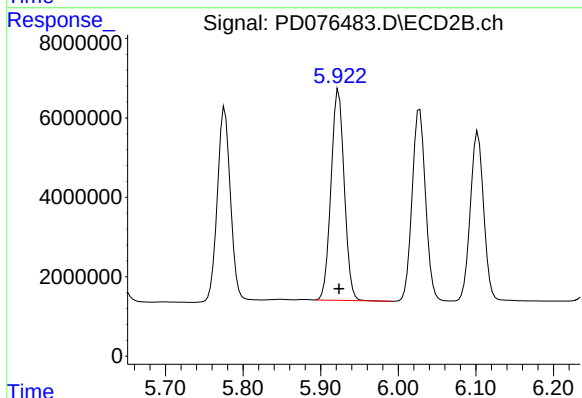
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 144246047
Conc: 38.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154063BS

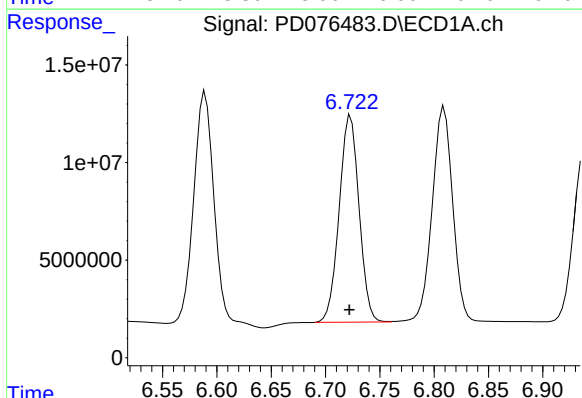
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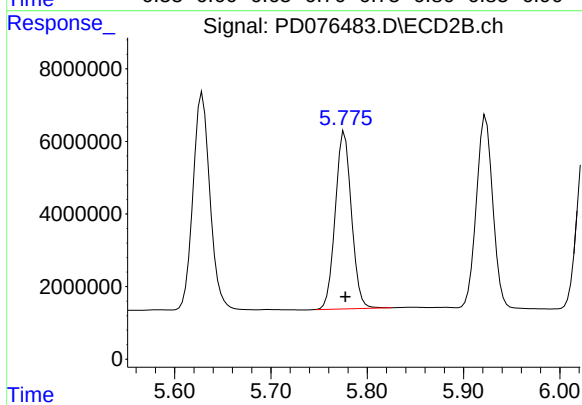
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 63002320
Conc: 40.60 ng/ml



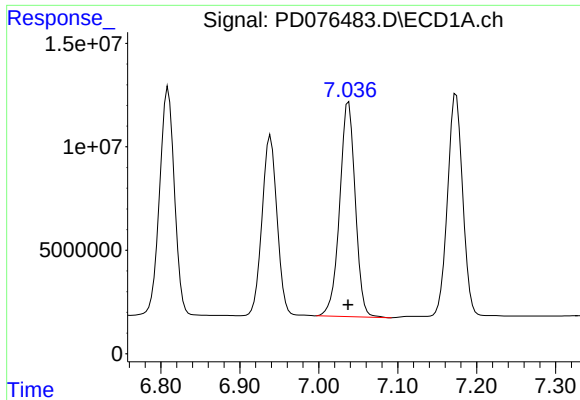
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.001 min
Response: 134982396
Conc: 40.18 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 57037083
Conc: 47.19 ng/ml



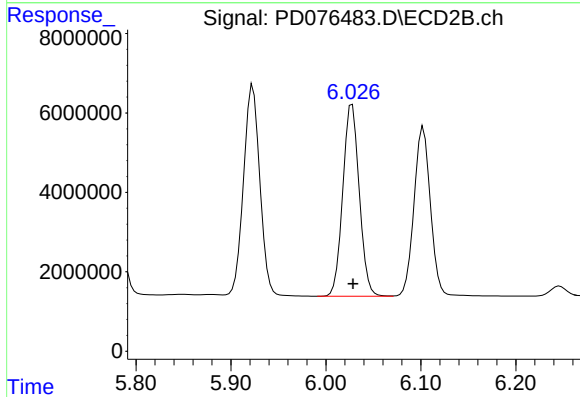
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 142434084
Conc: 40.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154063BS

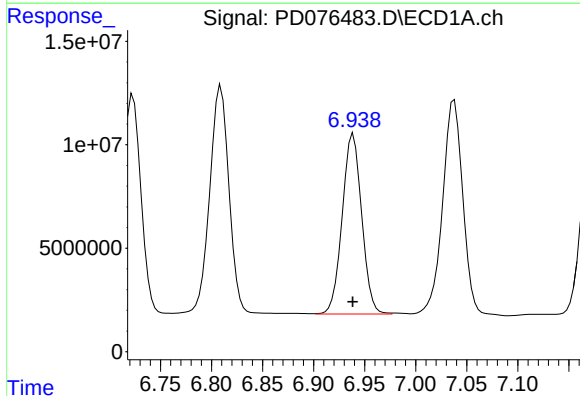
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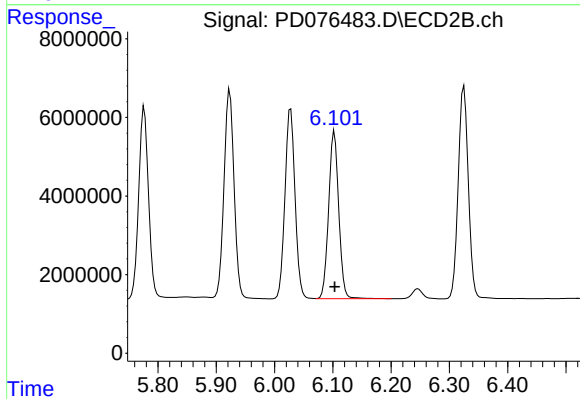
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.001 min
Response: 58325129
Conc: 48.19 ng/ml



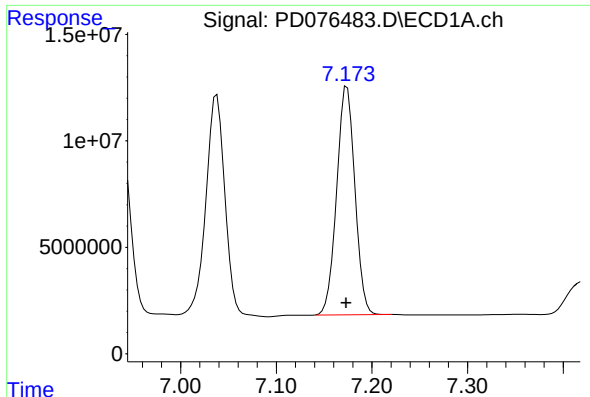
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 115437549
Conc: 42.12 ng/ml m



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 51432853
Conc: 45.00 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 142437234
Conc: 38.55 ng/ml

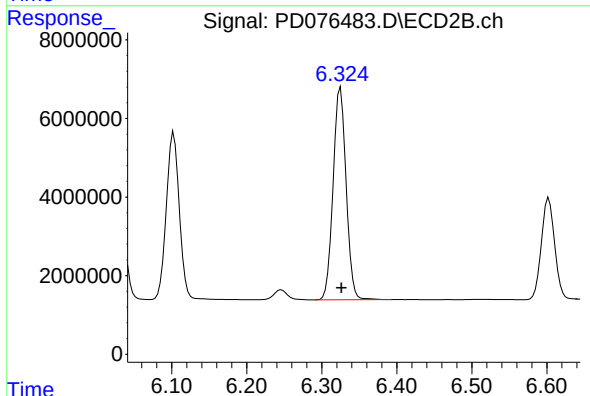
Instrument :

ECD_D

ClientSampleId :
PB154063BS

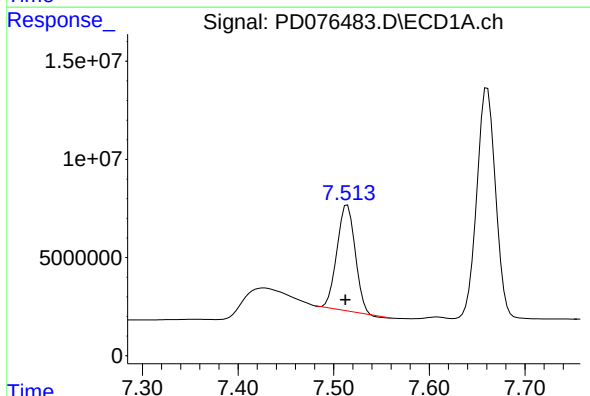
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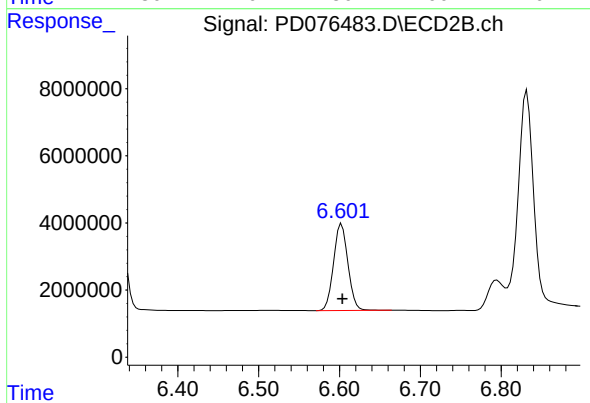
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 65065189
Conc: 42.82 ng/ml



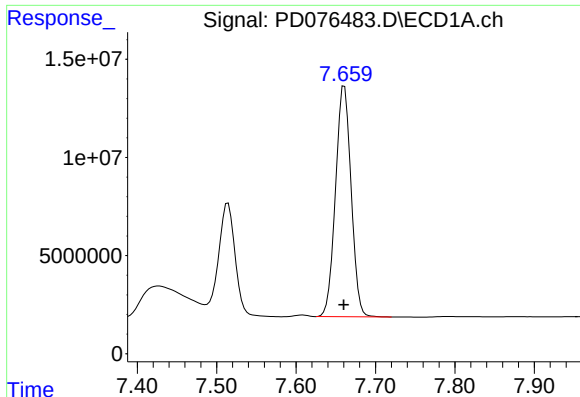
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.002 min
Response: 70262789
Conc: 36.76 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.001 min
Response: 31907391
Conc: 49.96 ng/ml



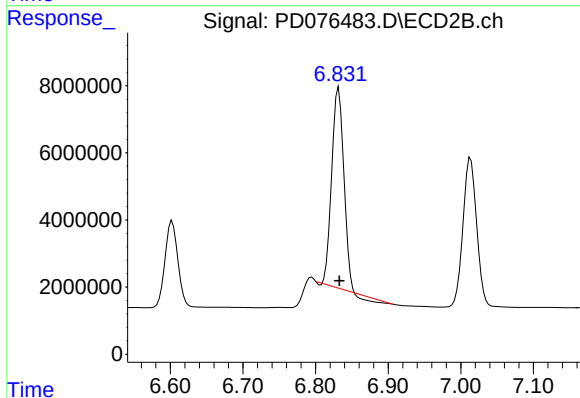
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 160521636
Conc: 38.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
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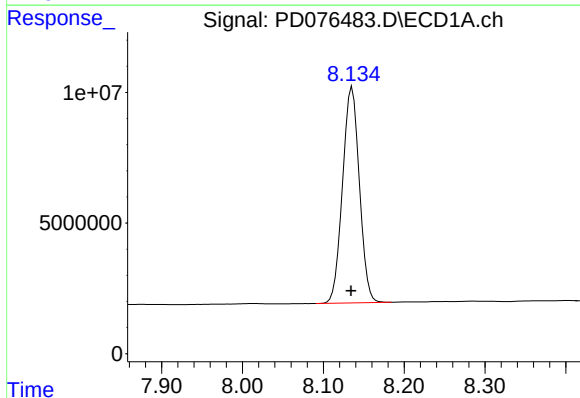
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Supervised By :Ankita Jodhani 07/11/2023



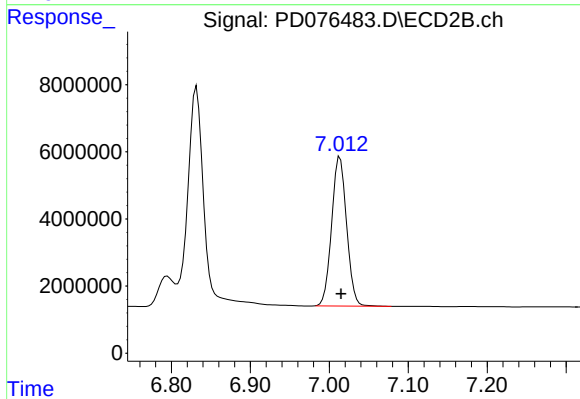
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.001 min
Response: 66786573
Conc: 38.21 ng/ml



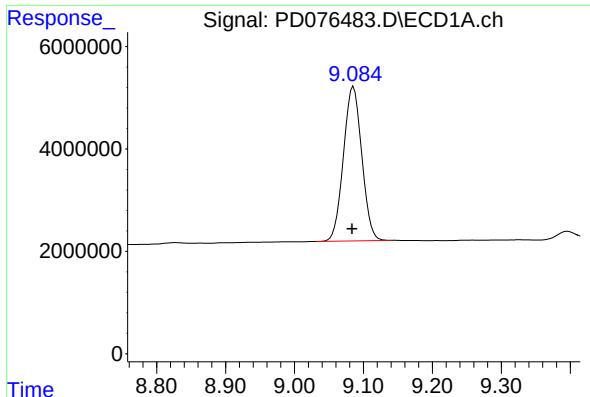
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.001 min
Response: 119548060
Conc: 37.83 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 58629096
Conc: 39.55 ng/ml



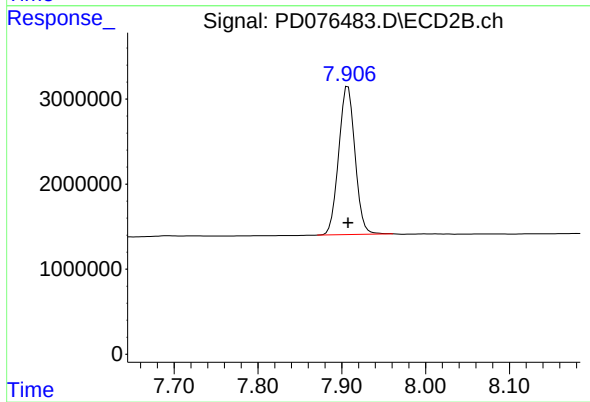
#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.002 min
Response: 55747997
Conc: 15.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154063BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 23588760
Conc: 18.74 ng/ml