

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076452.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2023 14:55
 Operator : AR\AJ
 Sample : PB154032BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB154032BS

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 10 22:27:29 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...	3.551	2.765	53208359	27582700	16.240	17.364
2)	SA Decachlor...	9.096	7.912	63065137	27825553	17.737	22.110
Target Compounds							
2)	A alpha-BHC	4.008	3.268	203.6E6	89885770	35.156	37.306
3)	MA gamma-BHC...	4.341	3.598	183.1E6	82680036	34.974	37.138
4)	MA Heptachlor	4.933	3.938	191.9E6	85077848	34.887	37.455
5)	MB Aldrin	5.276	4.218	184.6E6	81788220	34.530	36.903
6)	B beta-BHC	4.538	3.895	72816828	33896095	34.740	38.115
7)	B delta-BHC	4.787	4.125	172.2E6	81030425	33.511	38.537
8)	B Heptachlo...	5.703	4.721	157.7E6	74544954	32.720	37.286
9)	A Endosulfan I	6.090	5.091	153.7E6	70438397	34.451	37.614
10)	B gamma-Chl...	5.960	4.971	166.0E6	74699858	34.141	37.515
11)	B alpha-Chl...	6.039	5.035	164.2E6	74186829	34.185	37.333
12)	B 4,4'-DDE	6.211	5.225	149.5E6	64696661	35.219	42.091
13)	MA Dieldrin	6.366	5.356	159.8E6	73862312	34.168	37.500
14)	MA Endrin	6.596	5.632	136.0E6	67494247	34.159	38.238
15)	B Endosulfa...	6.816	5.927	129.2E6	60236696	34.786	38.820
16)	A 4,4'-DDD	6.730	5.780	121.8E6	53048847	36.249	43.893
17)	MA 4,4'-DDT	7.046	6.032	126.1E6	55110003	35.878	45.535 #
18)	B Endrin al...	6.945	6.106	102.8E6	49117883	37.519m	42.979
19)	B Endosulfa...	7.181	6.329	126.4E6	61375234	34.208	40.394
20)	A Methoxychlor	7.522	6.608	67336562	30011042	35.231	46.995 #
21)	B Endrin ke...	7.668	6.837	141.3E6	70310638	33.857	40.227
22)	Mirex	8.144	7.018	103.4E6	55164246	32.711	37.216

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2023 14:55
Operator : AR\AJ
Sample : PB154032BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

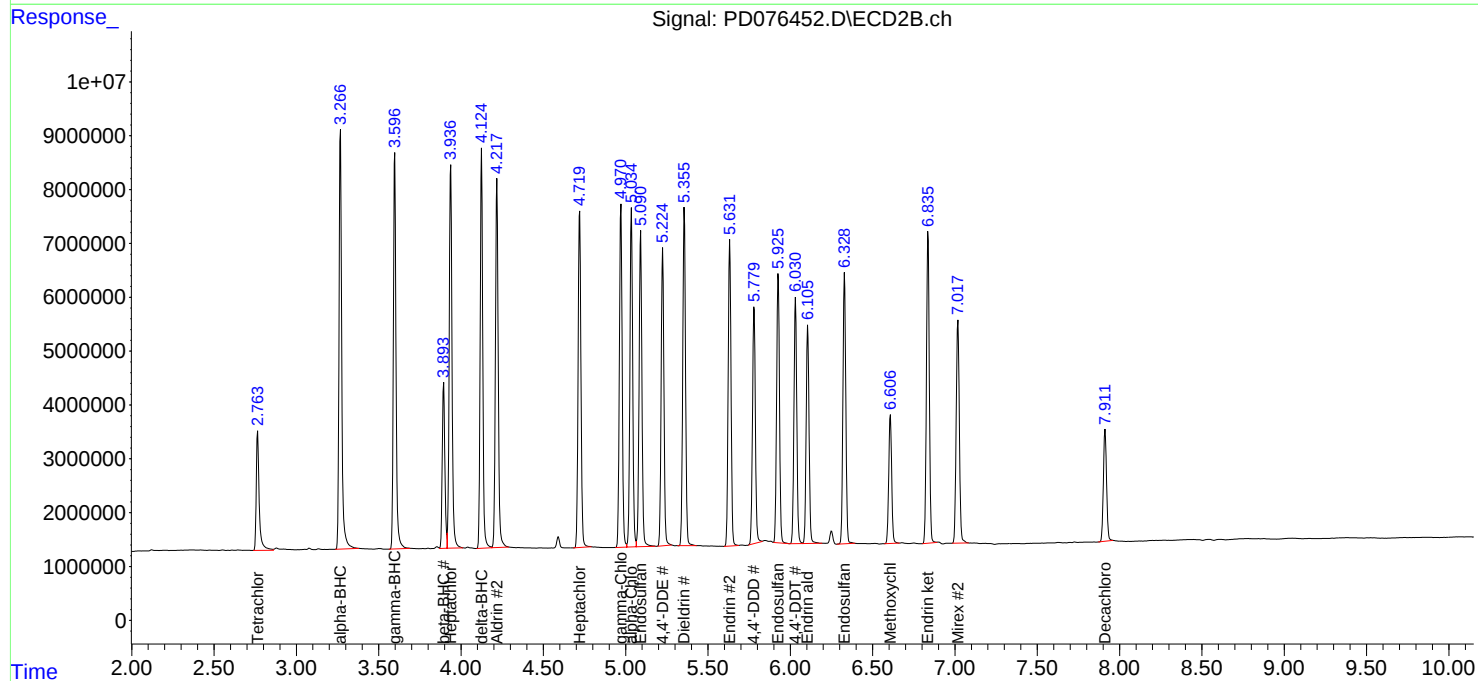
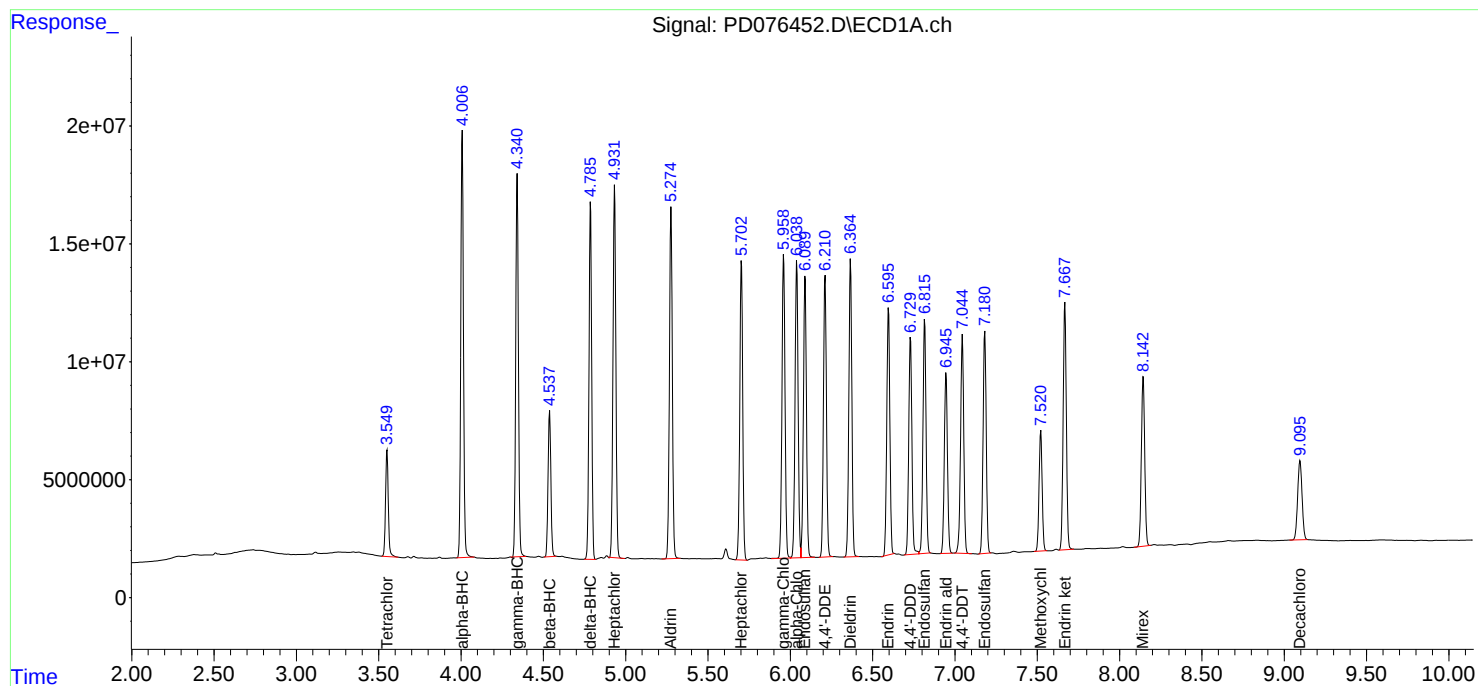
Instrument :
ECD_D
ClientSampleId :
PB154032BS

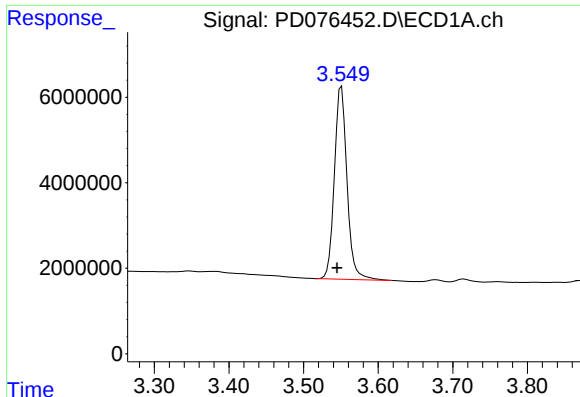
Manual Integrations
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Supervised By :Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:27:29 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.: 3.551 min
Delta R.T.: 0.006 min
Response: 53208359
Conc: 16.24 ng/ml

Instrument :

ECD_D

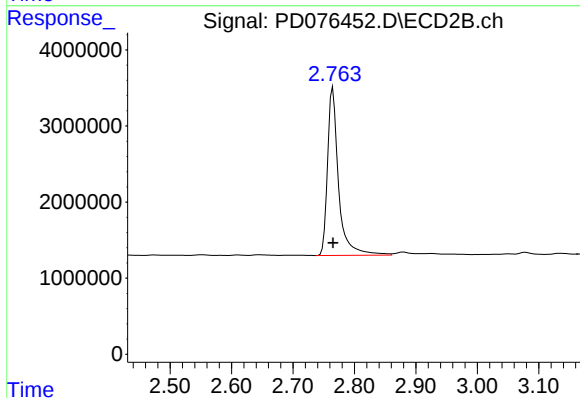
ClientSampleId :

PB154032BS

Manual Integrations

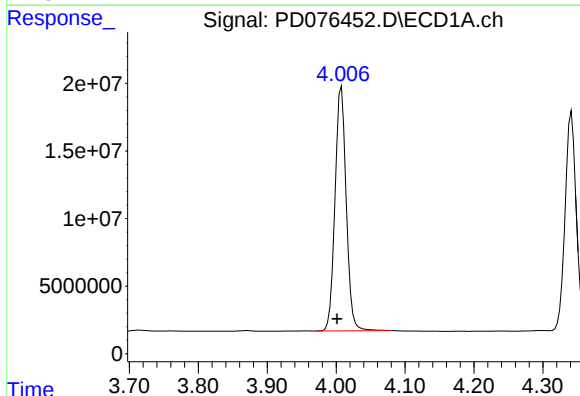
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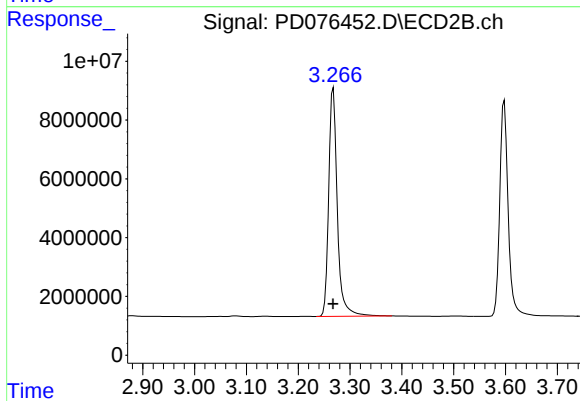
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 27582700
Conc: 17.36 ng/ml



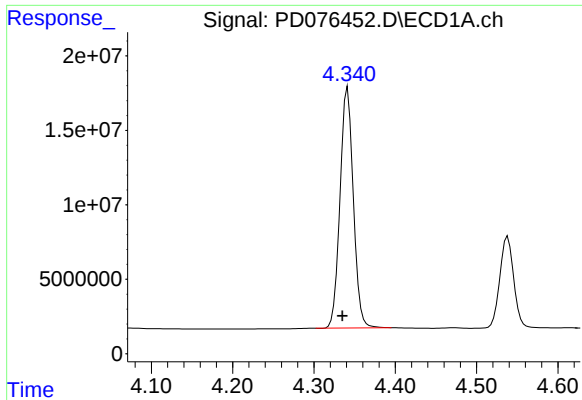
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.006 min
Response: 203621663
Conc: 35.16 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: 0.000 min
Response: 89885770
Conc: 37.31 ng/ml



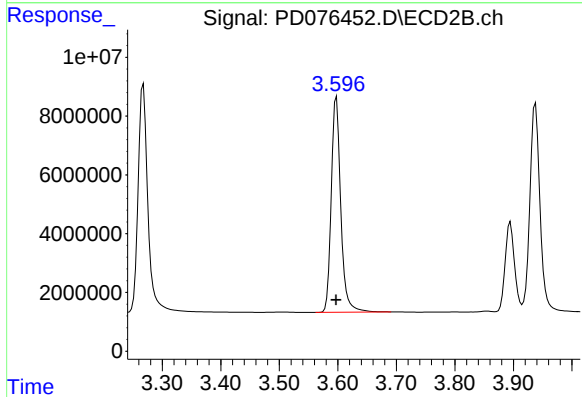
#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.006 min
Response: 183108797
Conc: 34.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

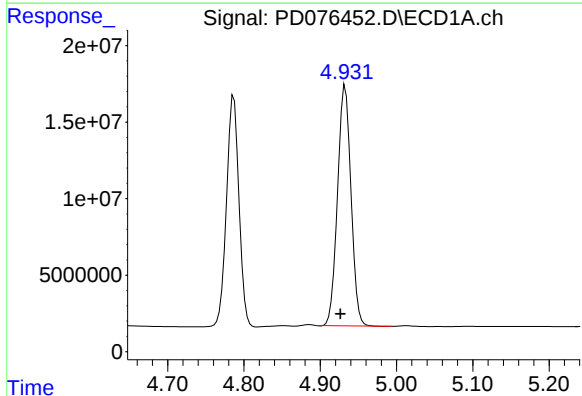
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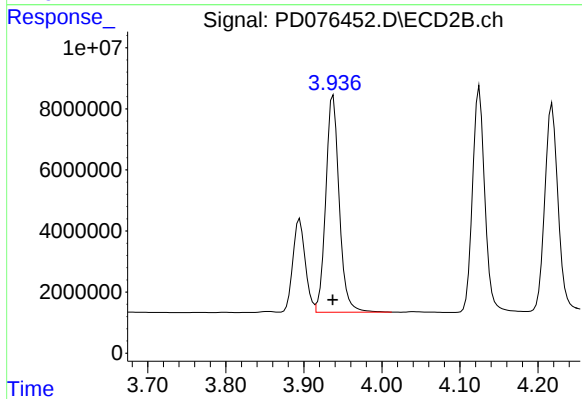
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: 0.000 min
Response: 82680036
Conc: 37.14 ng/ml



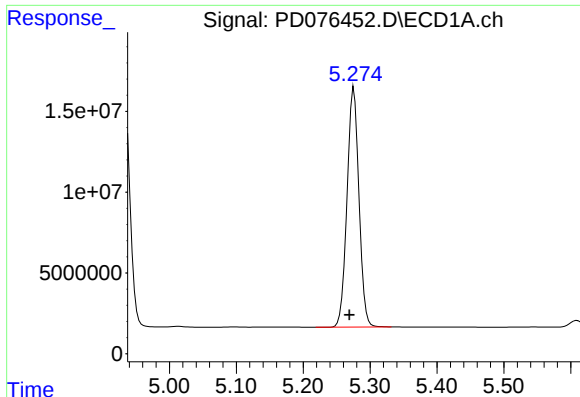
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.007 min
Response: 191879576
Conc: 34.89 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: 0.000 min
Response: 85077848
Conc: 37.45 ng/ml



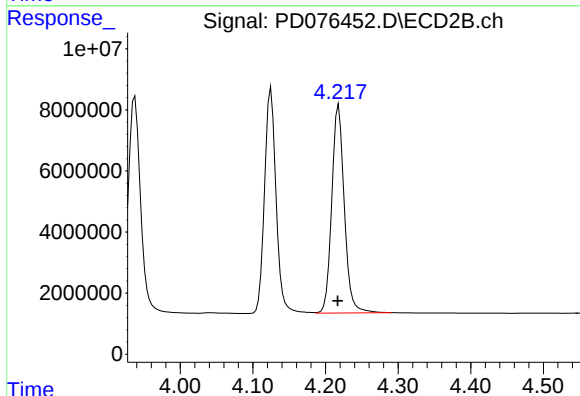
#5 Aldrin

R.T.: 5.276 min
Delta R.T.: 0.007 min
Response: 184609374
Conc: 34.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

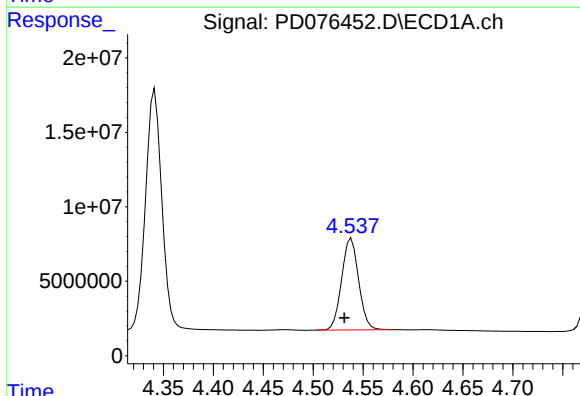
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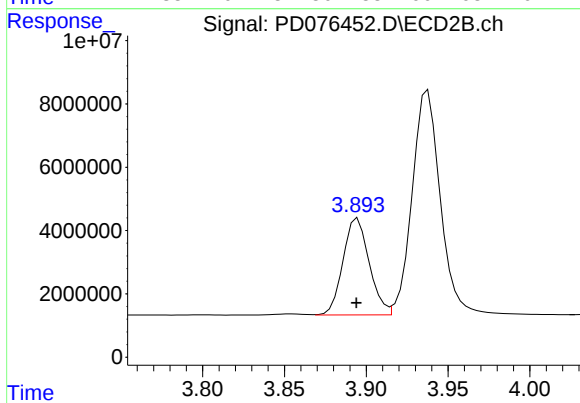
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: 0.001 min
Response: 81788220
Conc: 36.90 ng/ml



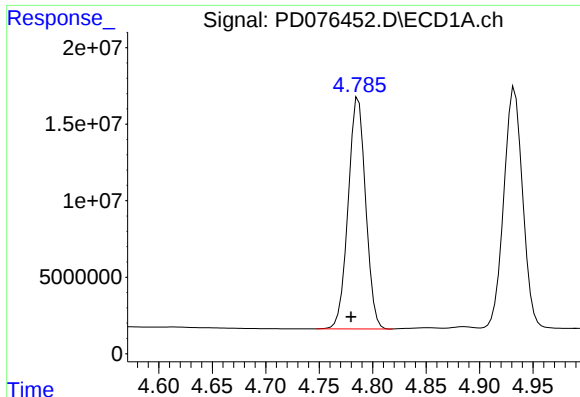
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.007 min
Response: 72816828
Conc: 34.74 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 33896095
Conc: 38.12 ng/ml



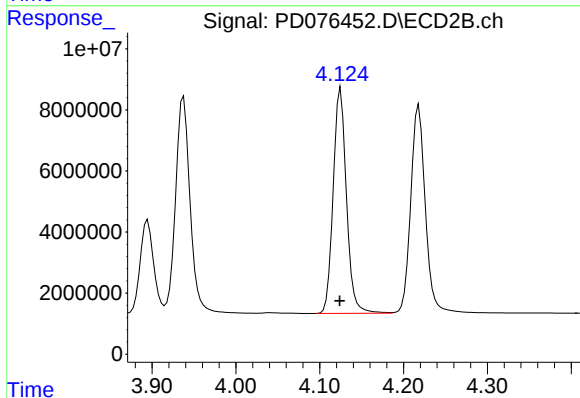
#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: 0.007 min
Response: 172237595
Conc: 33.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

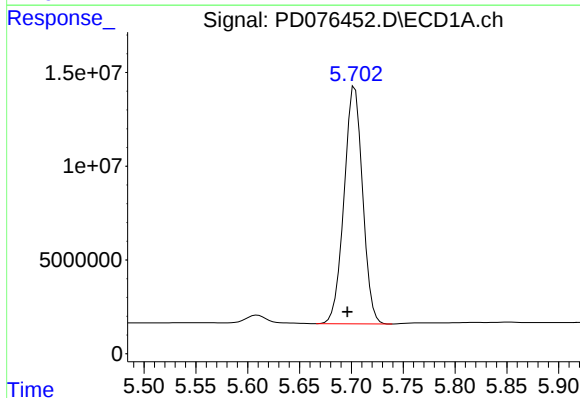
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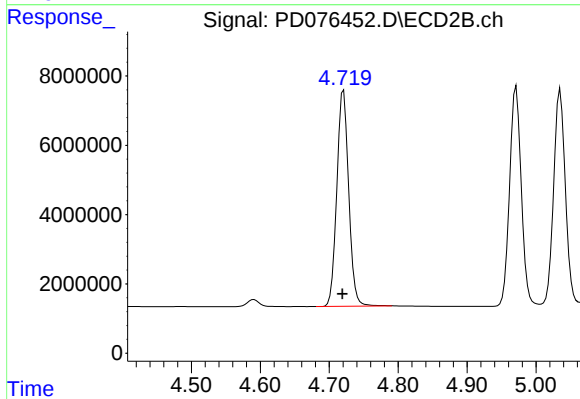
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: 0.001 min
Response: 81030425
Conc: 38.54 ng/ml



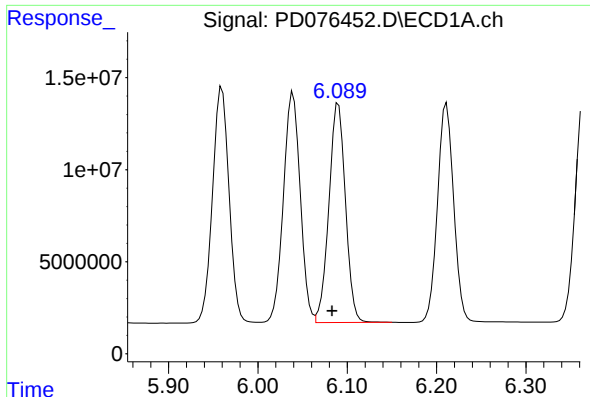
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: 0.007 min
Response: 157657161
Conc: 32.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: 0.002 min
Response: 74544954
Conc: 37.29 ng/ml



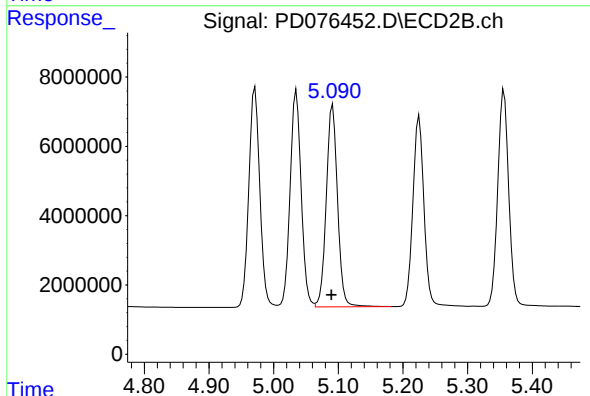
#9 Endosulfan I

R.T.: 6.090 min
Delta R.T.: 0.007 min
Response: 153687581
Conc: 34.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

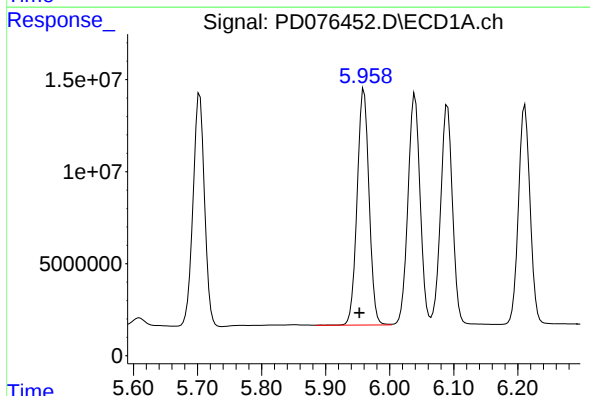
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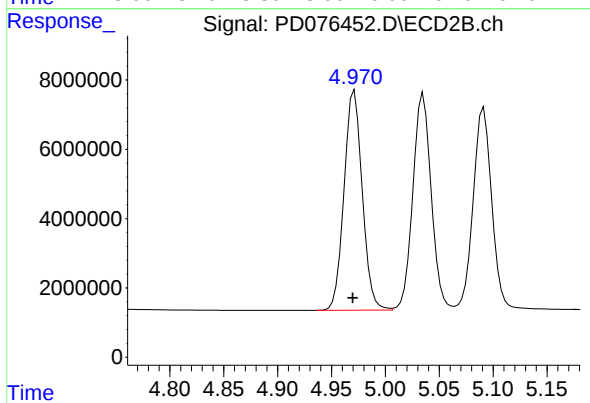
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: 0.002 min
Response: 70438397
Conc: 37.61 ng/ml



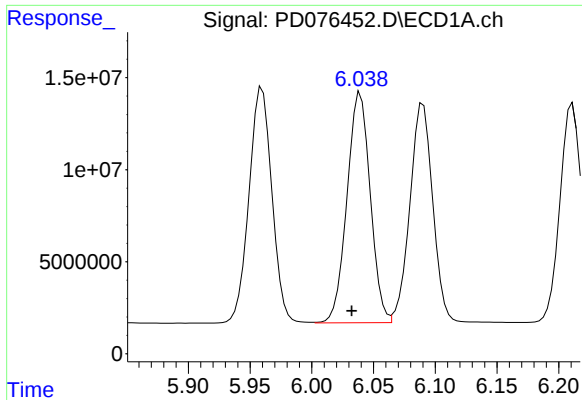
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.007 min
Response: 166030470
Conc: 34.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: 0.002 min
Response: 74699858
Conc: 37.52 ng/ml



#11 alpha-Chlordane

R.T.: 6.039 min
Delta R.T.: 0.007 min
Response: 164231561
Conc: 34.18 ng/ml

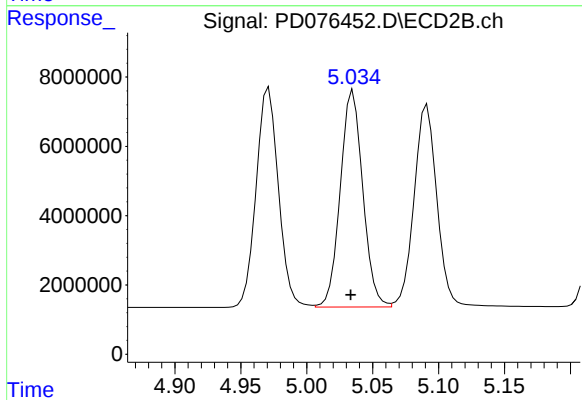
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ECD_D

ClientSampleId :
PB154032BS

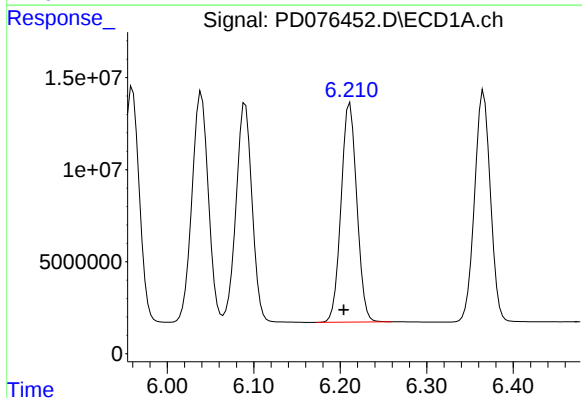
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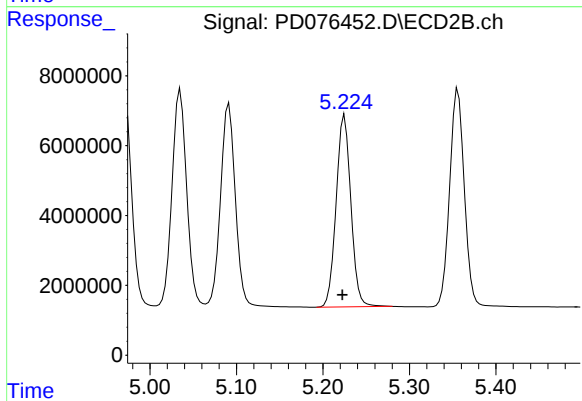
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: 0.002 min
Response: 74186829
Conc: 37.33 ng/ml



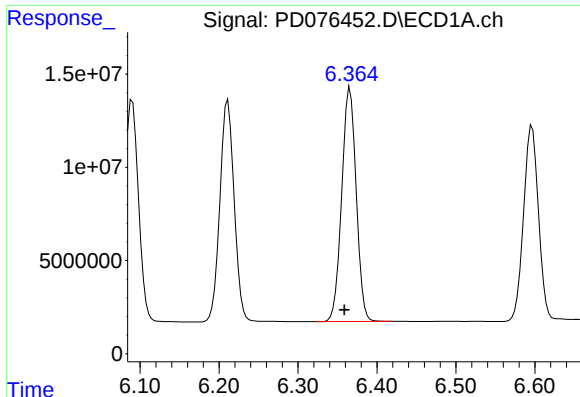
#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: 0.007 min
Response: 149496000
Conc: 35.22 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.003 min
Response: 64696661
Conc: 42.09 ng/ml



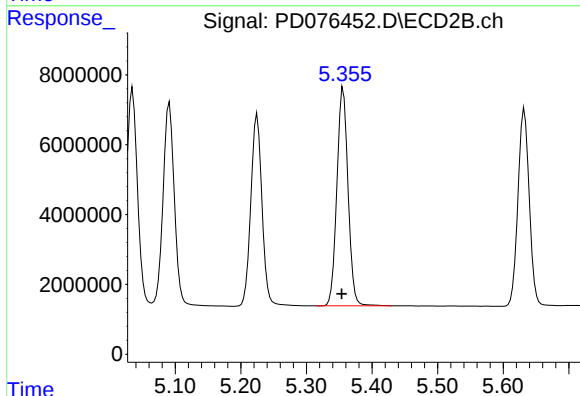
#13 Dieldrin

R.T.: 6.366 min
Delta R.T.: 0.007 min
Response: 159839385
Conc: 34.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

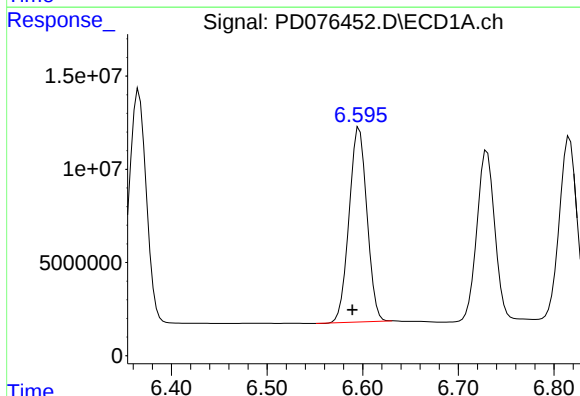
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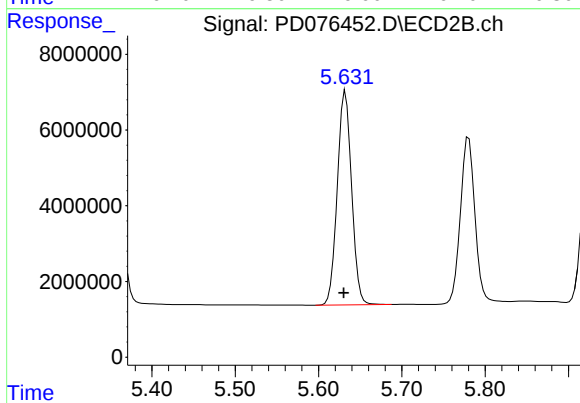
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.002 min
Response: 73862312
Conc: 37.50 ng/ml



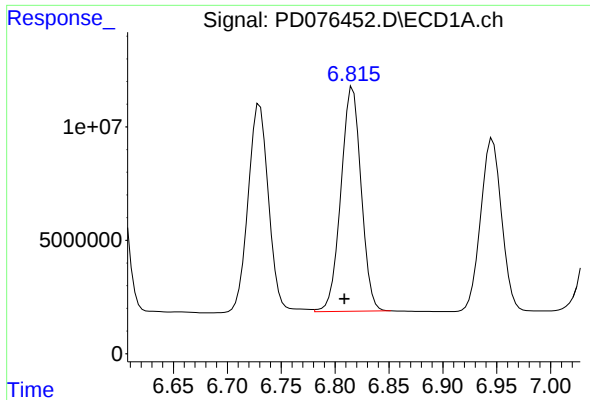
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.007 min
Response: 136000053
Conc: 34.16 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.002 min
Response: 67494247
Conc: 38.24 ng/ml



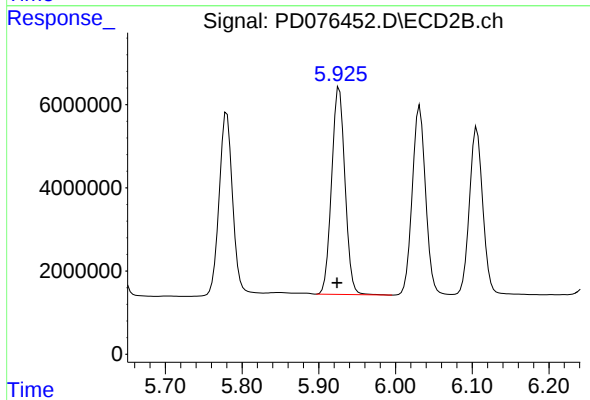
#15 Endosulfan II

R.T.: 6.816 min
Delta R.T.: 0.008 min
Response: 129182166
Conc: 34.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

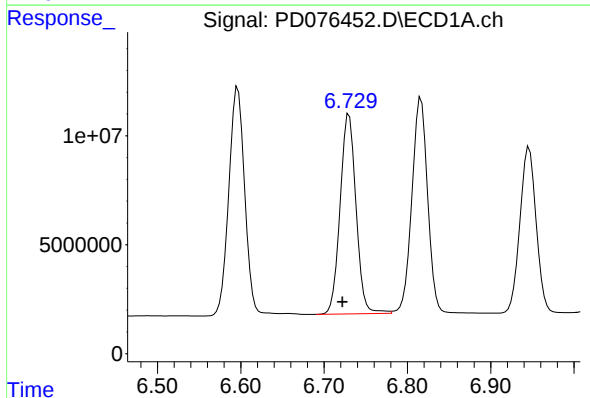
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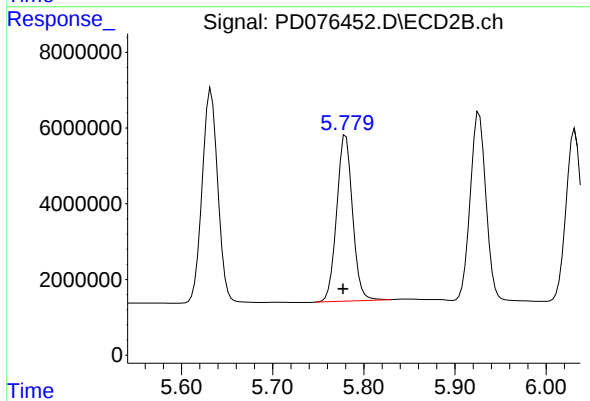
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.003 min
Response: 60236696
Conc: 38.82 ng/ml



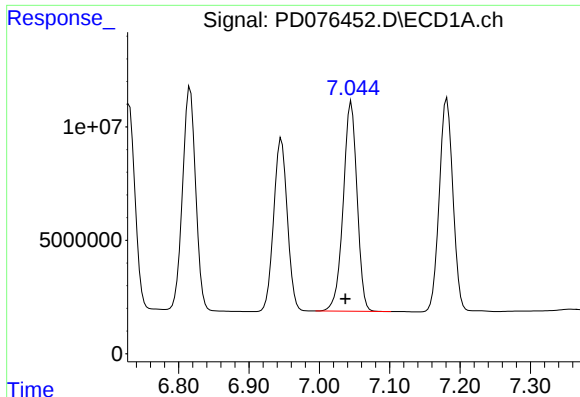
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: 0.008 min
Response: 121784322
Conc: 36.25 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 53048847
Conc: 43.89 ng/ml



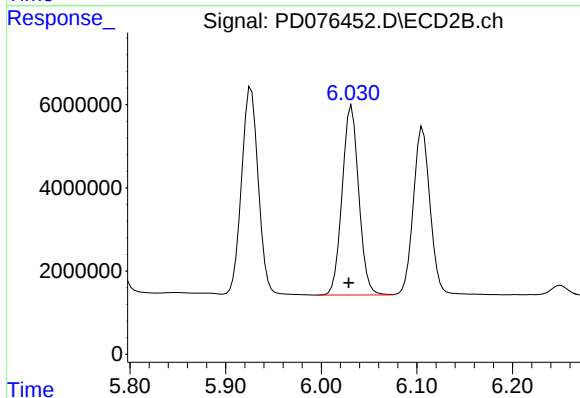
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.008 min
Response: 126146531
Conc: 35.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

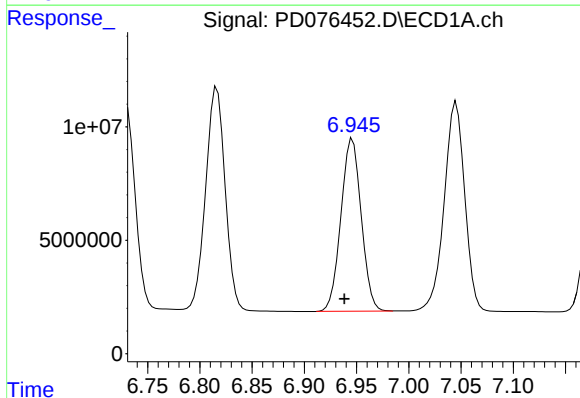
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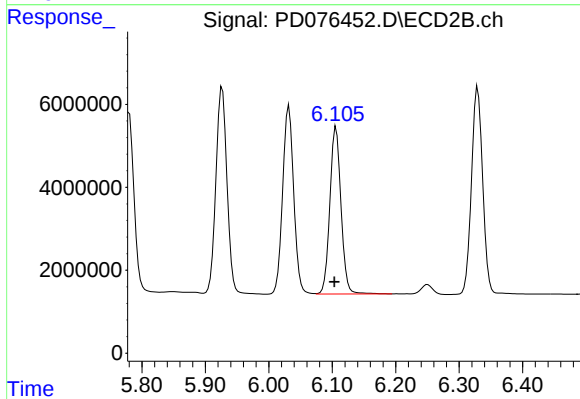
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 55110003
Conc: 45.53 ng/ml



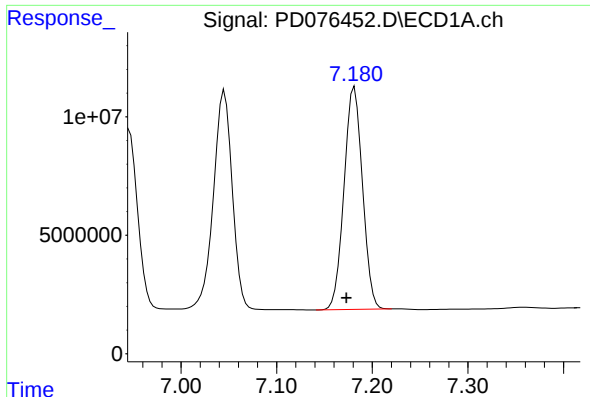
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: 0.006 min
Response: 102837541
Conc: 37.52 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 49117883
Conc: 42.98 ng/ml



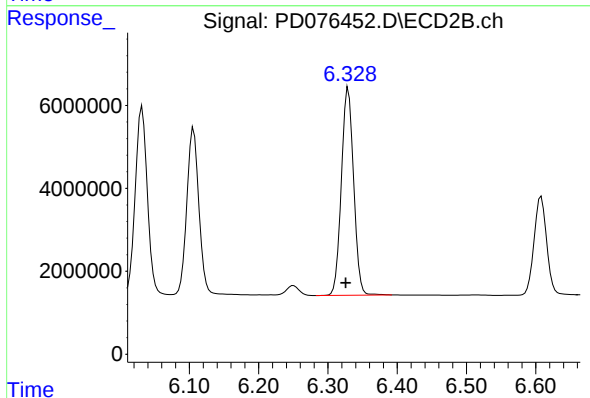
#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: 0.008 min
Response: 126394245
Conc: 34.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

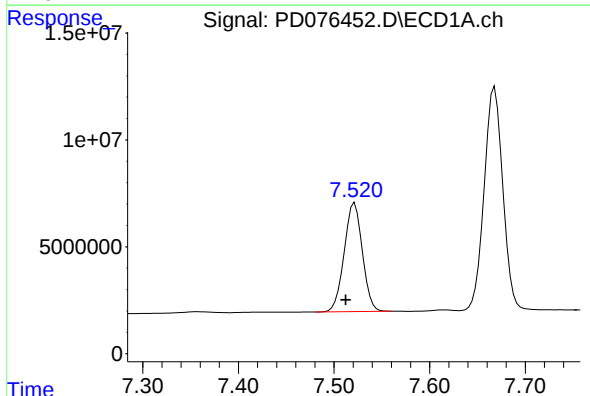
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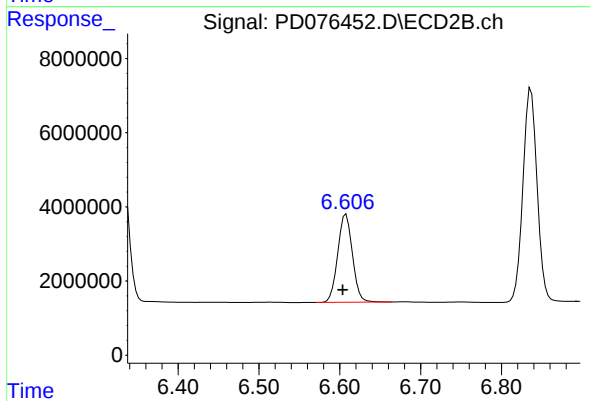
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.003 min
Response: 61375234
Conc: 40.39 ng/ml



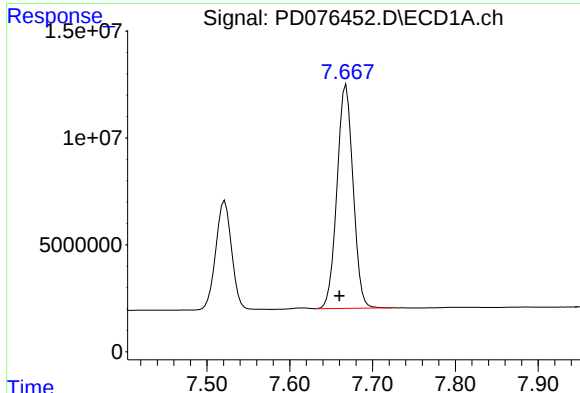
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.009 min
Response: 67336562
Conc: 35.23 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.004 min
Response: 30011042
Conc: 46.99 ng/ml



#21 Endrin ketone

R.T.: 7.668 min
Delta R.T.: 0.008 min
Response: 141345447
Conc: 33.86 ng/ml

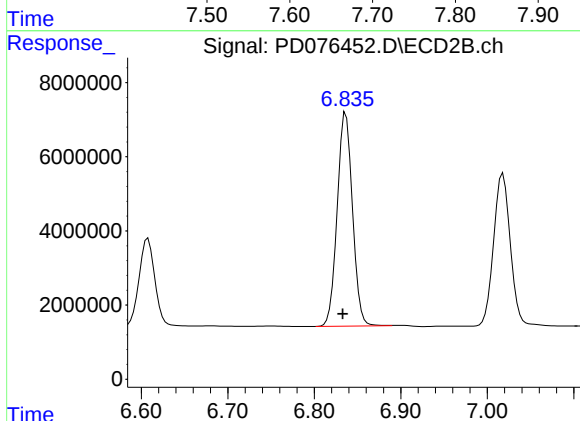
Instrument :

ECD_D

ClientSampleId :
PB154032BS

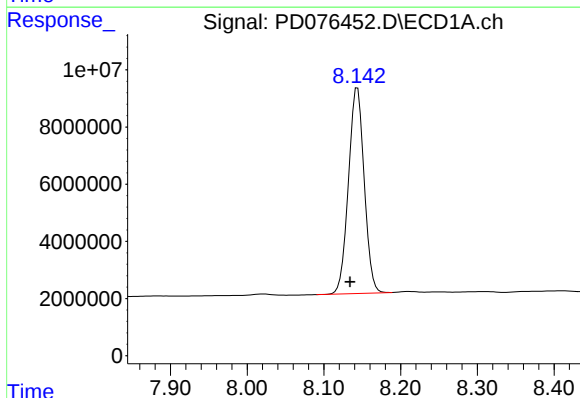
Manual Integrations
APPROVED

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



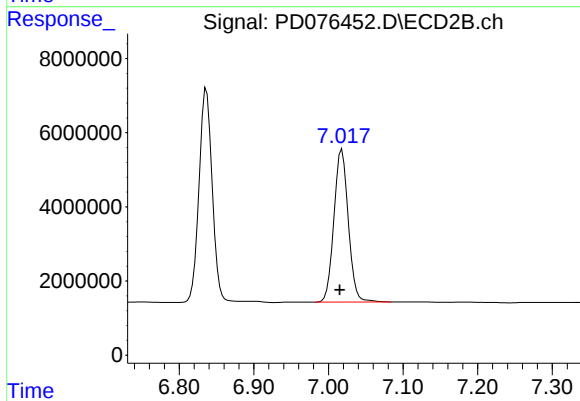
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.003 min
Response: 70310638
Conc: 40.23 ng/ml



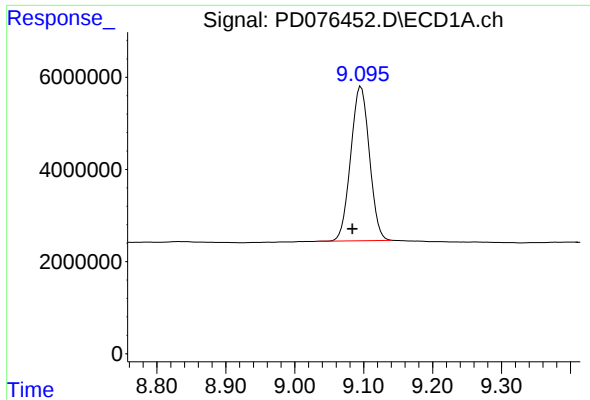
#22 Mirex

R.T.: 8.144 min
Delta R.T.: 0.010 min
Response: 103359405
Conc: 32.71 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.003 min
Response: 55164246
Conc: 37.22 ng/ml



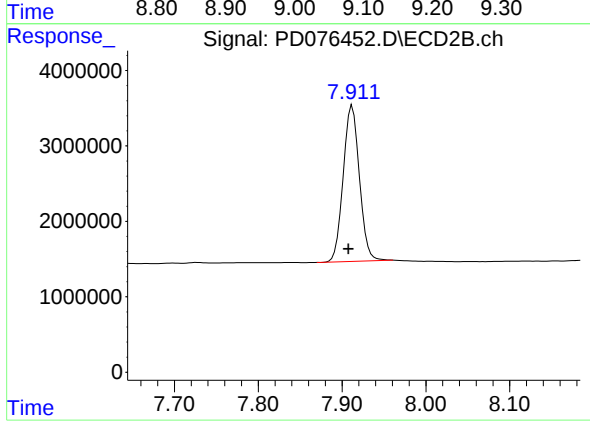
#28 Decachlorobiphenyl

R.T.: 9.096 min
Delta R.T.: 0.013 min
Response: 63065137
Conc: 17.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 07/11/2023



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.005 min
Response: 27825553
Conc: 22.11 ng/ml