

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092423\
 Data File : PD078251.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2023 20:53
 Operator : AR\AJ
 Sample : 04531-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-BCDMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/25/2023
 Supervised By : Ankita Jodhani 09/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:06:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 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	46687533	33816036	18.388	21.380
28)	SA Decachlor...	9.076	7.894	56659358	33477231	18.600	19.400
Target Compounds							
2)	A alpha-BHC	3.996	3.259	193.0E6	115.8E6	46.904	50.052
3)	MA gamma-BHC...	4.328	3.589	176.9E6	109.3E6	44.705m	48.896
4)	MA Heptachlor	4.920	3.927	183.8E6	118.3E6	46.904	52.602
5)	MB Aldrin	5.262	4.207	174.5E6	105.9E6	43.392	46.492
6)	B beta-BHC	4.528	3.886	67696772	45788293	41.949	51.374
7)	B delta-BHC	4.776	4.116	163.9E6	109.4E6	44.467	50.481
8)	B Heptachlo...	5.689	4.709	153.5E6	102.1E6	42.936	50.359
9)	A Endosulfan I	6.076	5.079	143.4E6	93873201	43.614	50.115
10)	B gamma-Chl...	5.946	4.959	159.6E6	108.8E6	45.350	54.116
11)	B alpha-Chl...	6.026	5.023	160.4E6	103.8E6	45.064	51.517
12)	B 4,4'-DDE	6.198	5.211	129.8E6	96864171	40.316	53.068 #
13)	MA Dieldrin	6.352	5.344	148.1E6	103.4E6	41.639	50.641
14)	MA Endrin	6.583	5.619	127.3E6	91036776	41.958	50.260
15)	B Endosulfa...	6.803	5.913	130.7E6	80600877	42.186	47.106
16)	A 4,4'-DDD	6.717	5.766	113.4E6	73154876	44.248	52.350
17)	MA 4,4'-DDT	7.031	6.017	118.6E6	76604966	45.367	54.221
18)	B Endrin al...	6.933	6.093	91167568	62932521	38.364	46.623
19)	B Endosulfa...	7.168	6.315	115.6E6	78543948	40.729	49.052
20)	A Methoxychlor	7.508	6.592	60100702	38628439	38.856	49.892 #
21)	B Endrin ke...	7.653	6.821	130.0E6	81858006	39.997m	43.294
22)	Mirex	8.129	7.002	86222870	64500718	35.851	42.122

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092423\
Data File : PD078251.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2023 20:53
Operator : AR\AJ
Sample : 04531-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

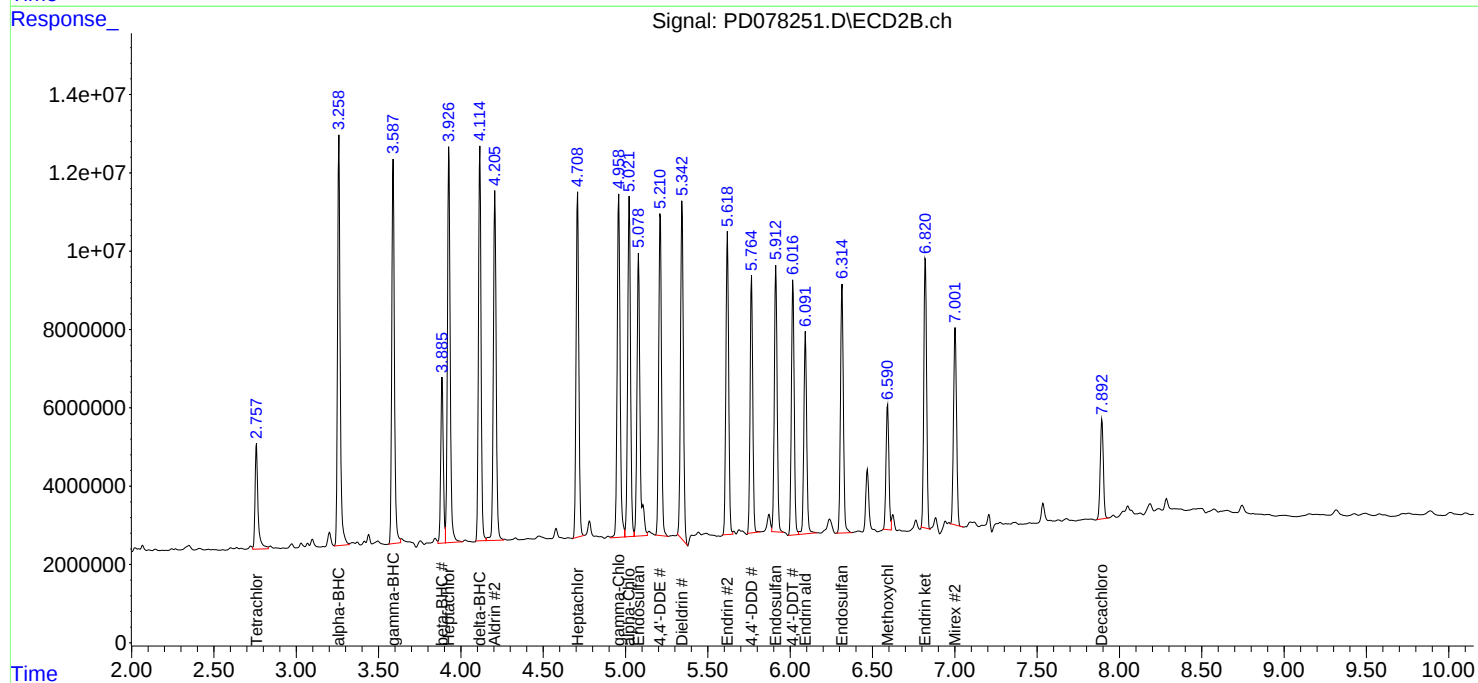
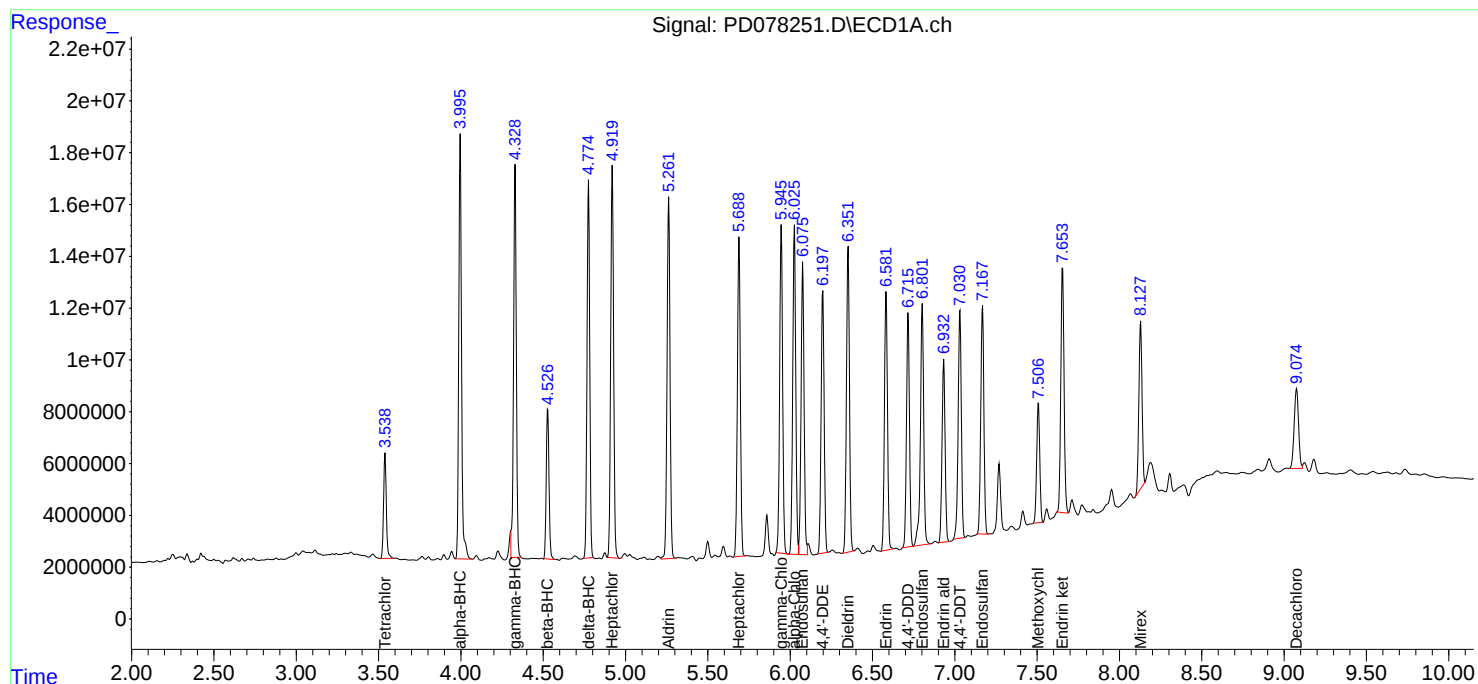
Instrument :
ECD_D
ClientSampleId :
TP-BCDMSD

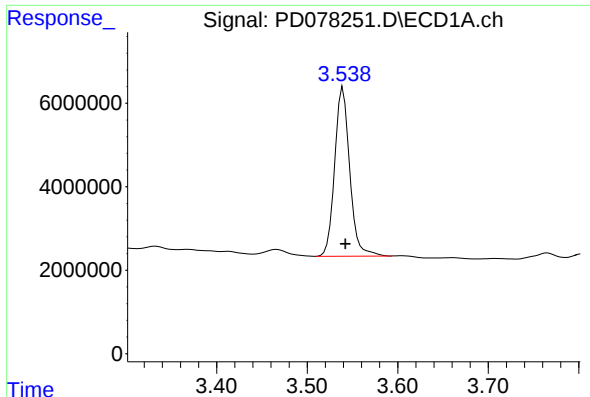
Manual Integrations
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Supervised By : Ankita Jodhani 09/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:06:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
Quant Title : GC Extractables
QLast Update : Fri Sep 01 16:18:56 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





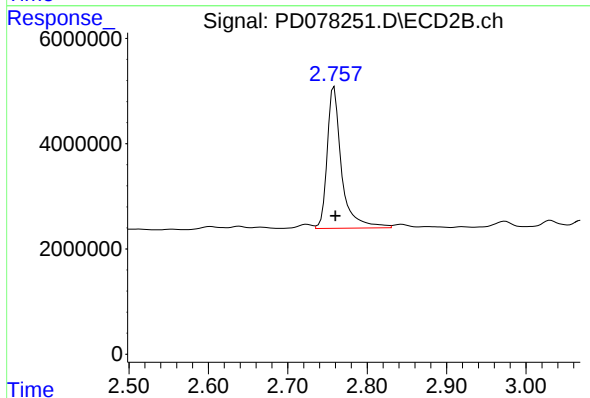
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 46687533
Conc: 18.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-BCDMSD

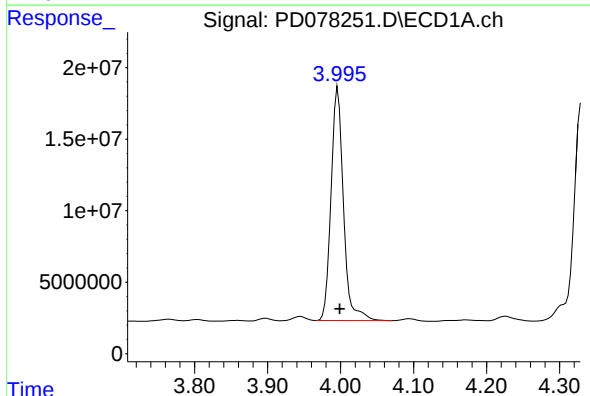
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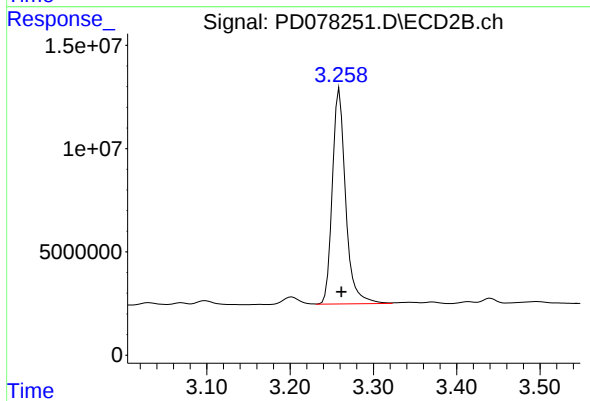
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: -0.002 min
Response: 33816036
Conc: 21.38 ng/ml



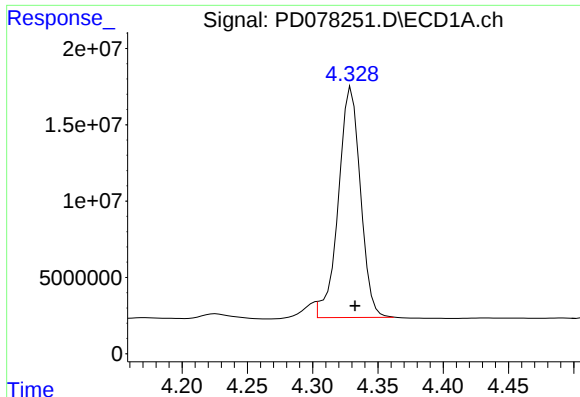
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.002 min
Response: 192971546
Conc: 46.90 ng/ml



#2 alpha-BHC

R.T.: 3.259 min
Delta R.T.: -0.002 min
Response: 115797146
Conc: 50.05 ng/ml



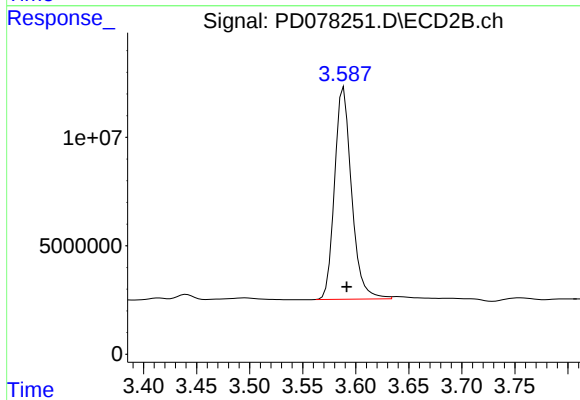
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 176851670
Conc: 44.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-BCDMSD

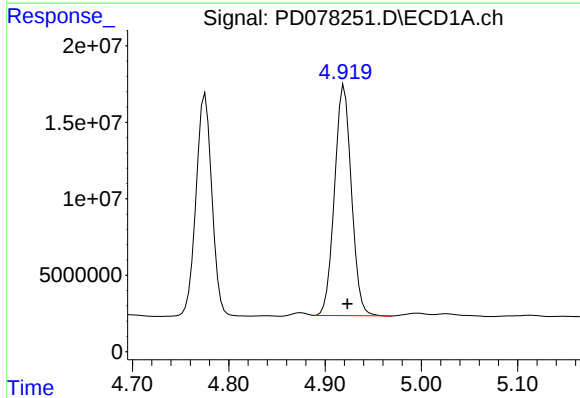
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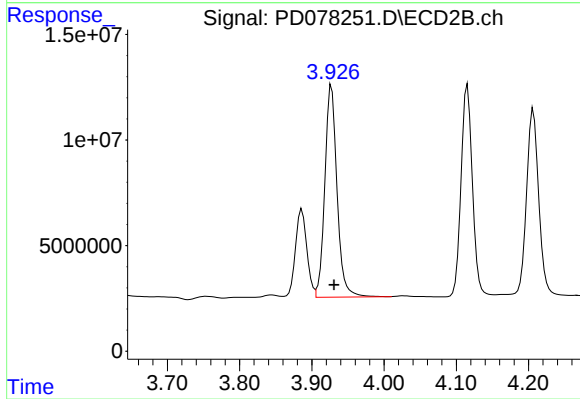
#3 gamma-BHC (Lindane)

R.T.: 3.589 min
Delta R.T.: -0.003 min
Response: 109305721
Conc: 48.90 ng/ml



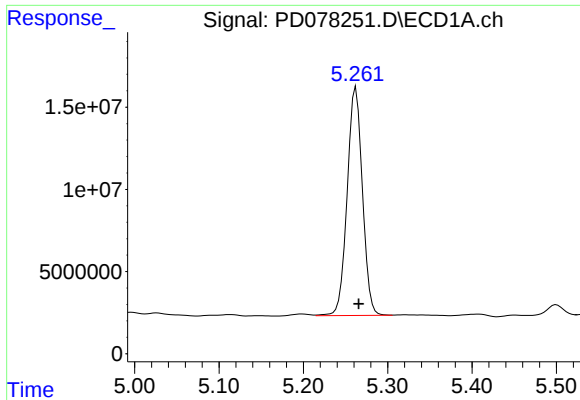
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.003 min
Response: 183767760
Conc: 46.90 ng/ml



#4 Heptachlor

R.T.: 3.927 min
Delta R.T.: -0.003 min
Response: 118322893
Conc: 52.60 ng/ml



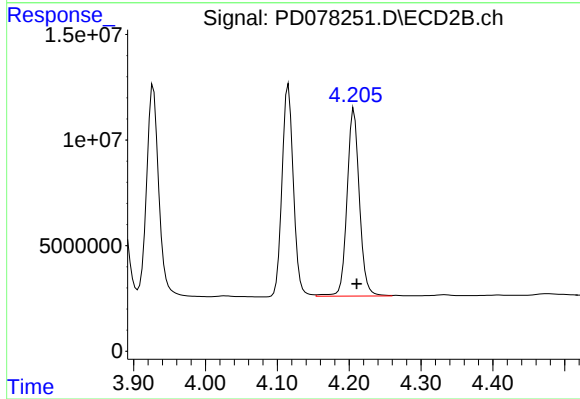
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 174515763
Conc: 43.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-BCDMSD

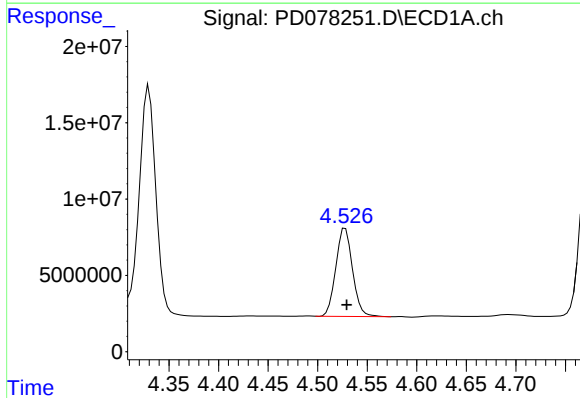
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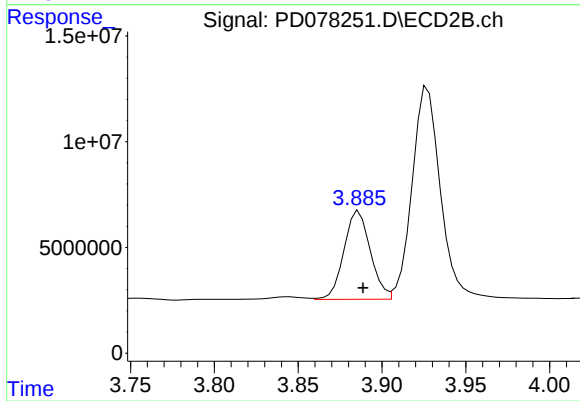
#5 Aldrin

R.T.: 4.207 min
Delta R.T.: -0.004 min
Response: 105909705
Conc: 46.49 ng/ml



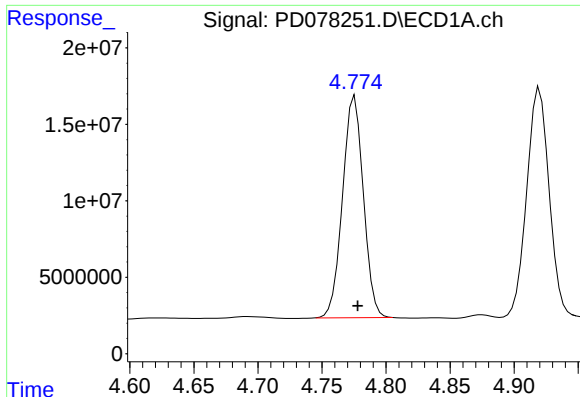
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.002 min
Response: 67696772
Conc: 41.95 ng/ml



#6 beta-BHC

R.T.: 3.886 min
Delta R.T.: -0.003 min
Response: 45788293
Conc: 51.37 ng/ml



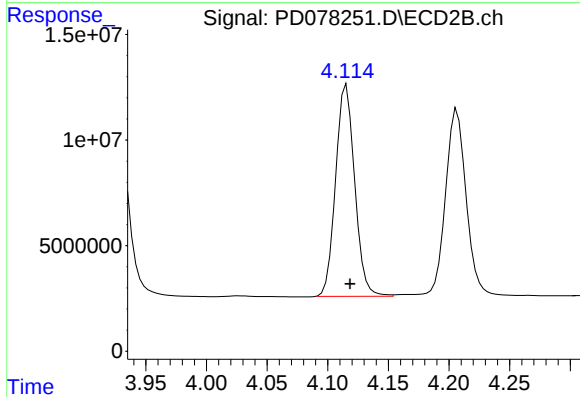
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 163922894
Conc: 44.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-BCDMSD

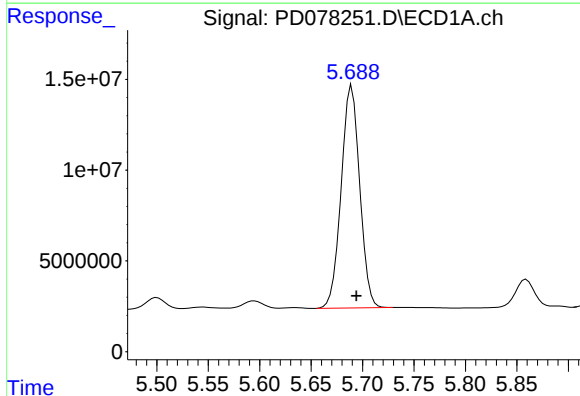
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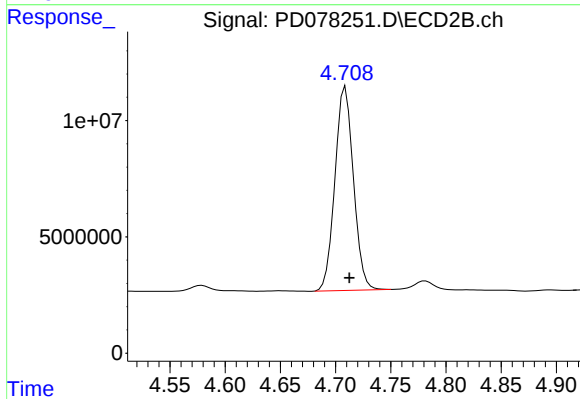
#7 delta-BHC

R.T.: 4.116 min
Delta R.T.: -0.003 min
Response: 109434249
Conc: 50.48 ng/ml



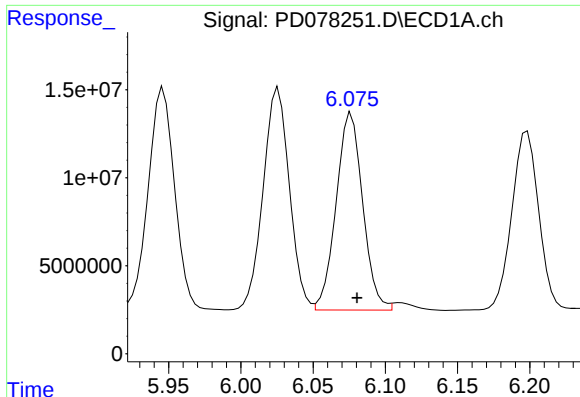
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.004 min
Response: 153520945
Conc: 42.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.709 min
Delta R.T.: -0.004 min
Response: 102137963
Conc: 50.36 ng/ml



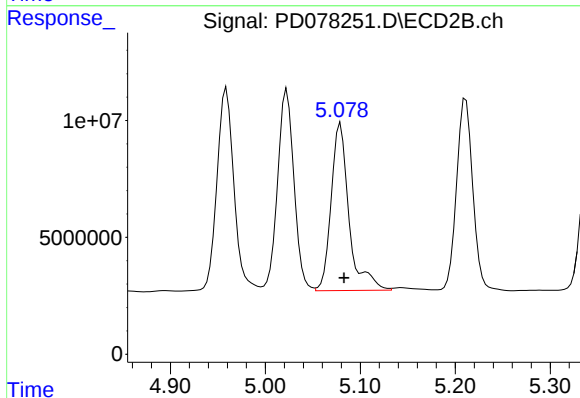
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: -0.004 min
Response: 143448236
Conc: 43.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-BCDMSD

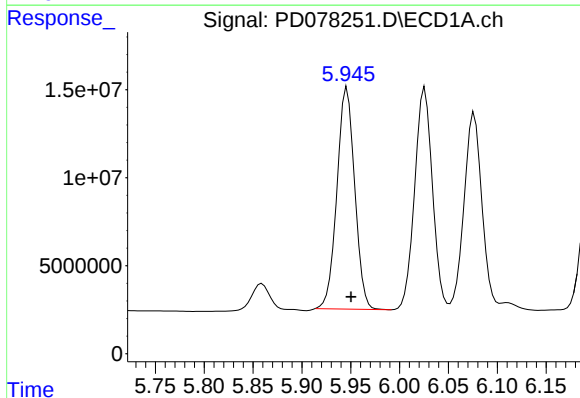
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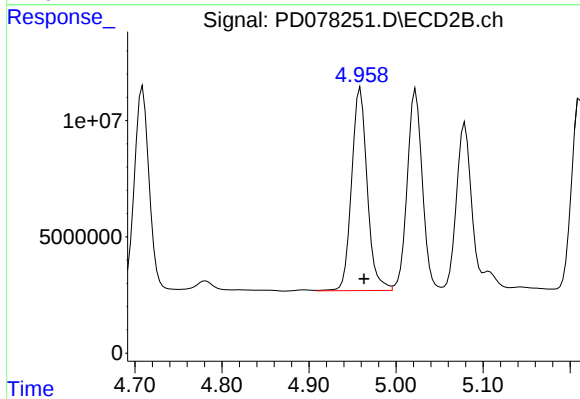
#9 Endosulfan I

R.T.: 5.079 min
Delta R.T.: -0.004 min
Response: 93873201
Conc: 50.12 ng/ml



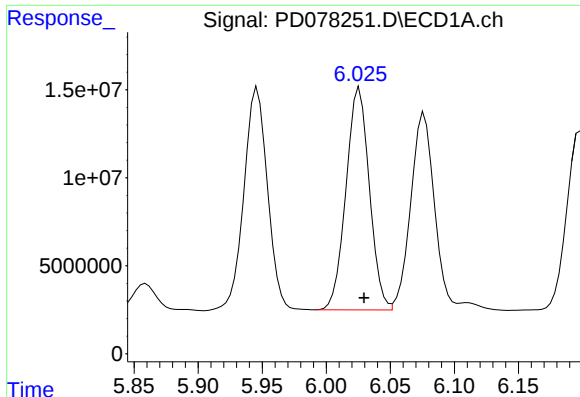
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.004 min
Response: 159646142
Conc: 45.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 108784273
Conc: 54.12 ng/ml



#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 160352647
Conc: 45.06 ng/ml

Instrument :

ECD_D

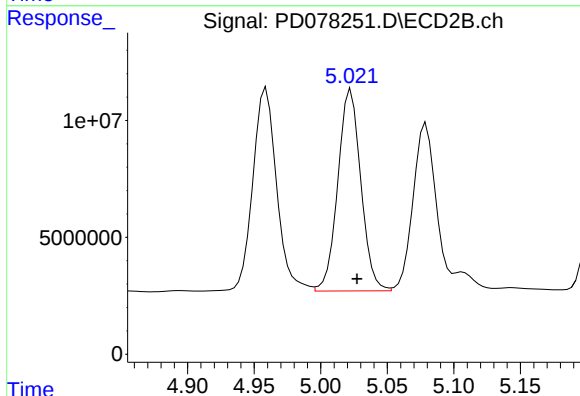
ClientSampleId :

TP-BCDMSD

Manual Integrations

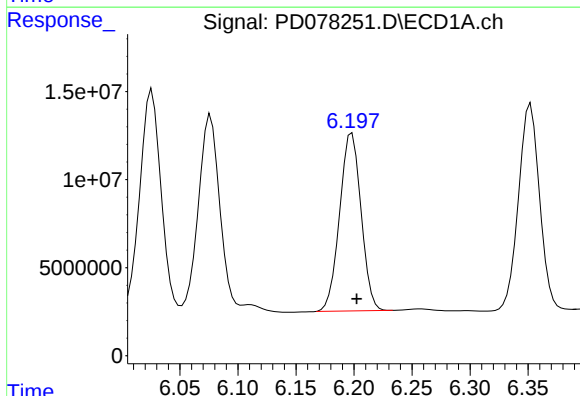
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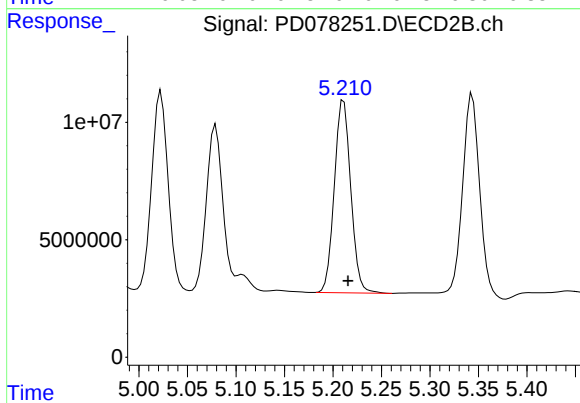
#11 alpha-Chlordane

R.T.: 5.023 min
Delta R.T.: -0.004 min
Response: 103792510
Conc: 51.52 ng/ml



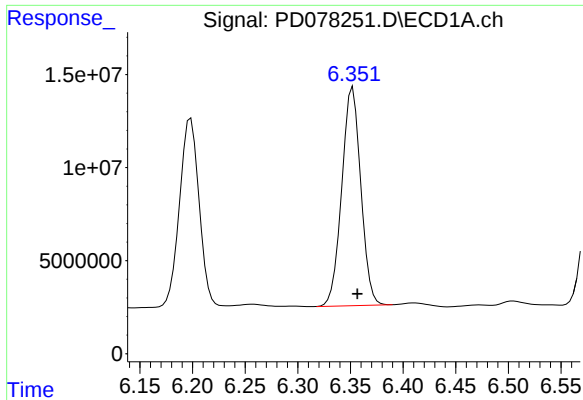
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 129803244
Conc: 40.32 ng/ml



#12 4,4'-DDE

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 96864171
Conc: 53.07 ng/ml



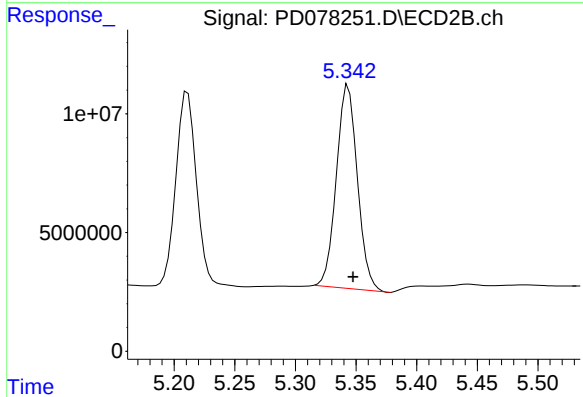
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: -0.004 min
Response: 148144117
Conc: 41.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-BCDMSD

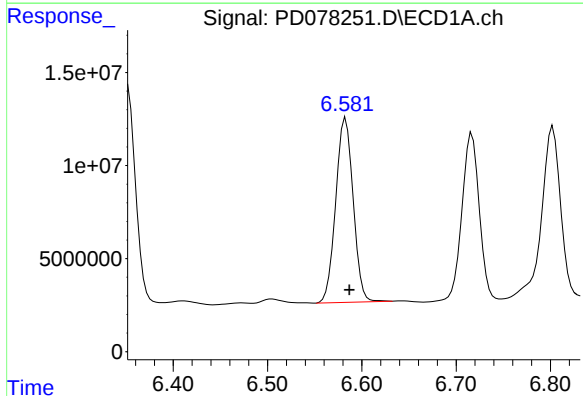
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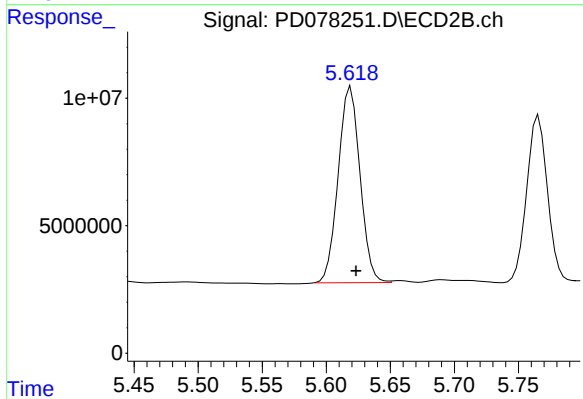
#13 Dieldrin

R.T.: 5.344 min
Delta R.T.: -0.004 min
Response: 103399420
Conc: 50.64 ng/ml



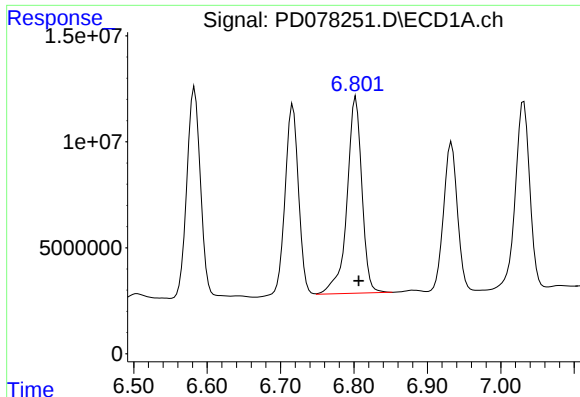
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 127266911
Conc: 41.96 ng/ml



#14 Endrin

R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 91036776
Conc: 50.26 ng/ml



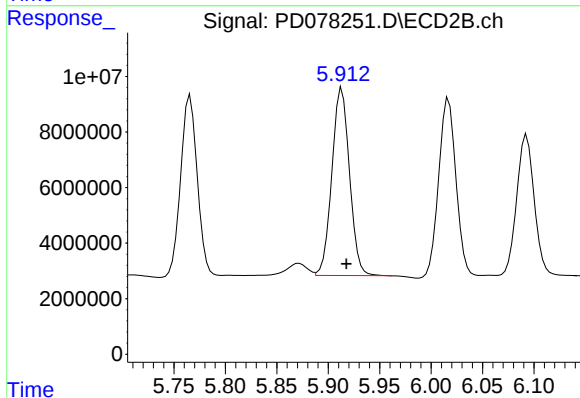
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: -0.004 min
Response: 130716959
Conc: 42.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-BCDMSD

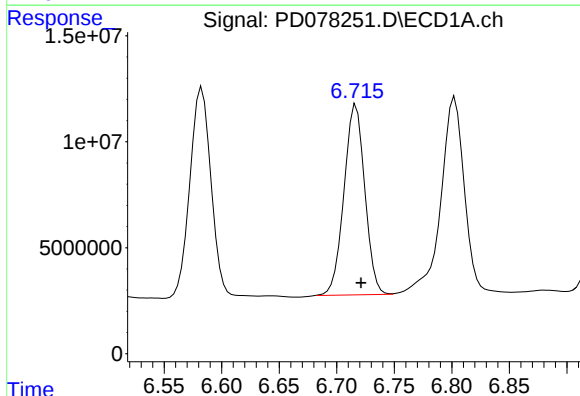
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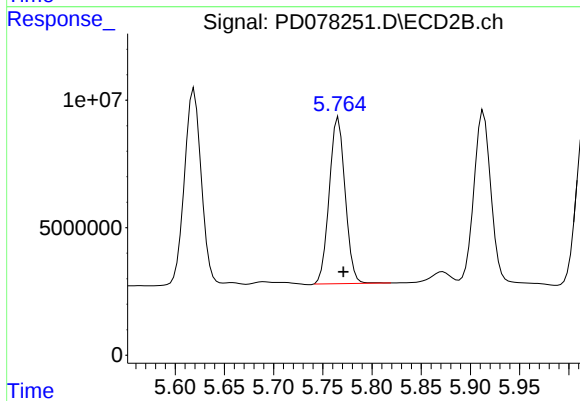
#15 Endosulfan II

R.T.: 5.913 min
Delta R.T.: -0.004 min
Response: 80600877
Conc: 47.11 ng/ml



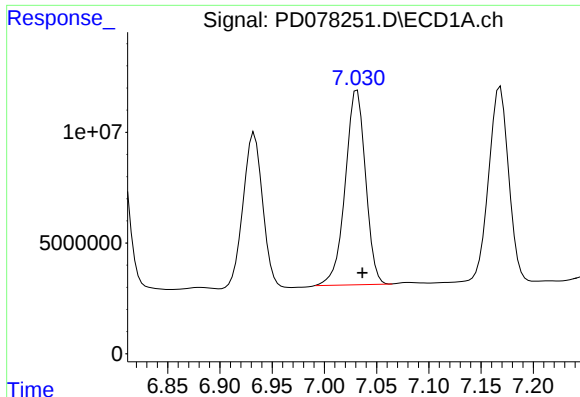
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: -0.004 min
Response: 113375945
Conc: 44.25 ng/ml



#16 4,4'-DDD

R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 73154876
Conc: 52.35 ng/ml



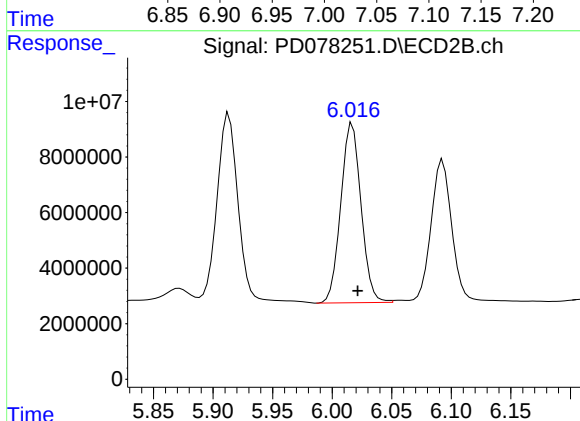
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: -0.005 min
Response: 118648871
Conc: 45.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-BCDMSD

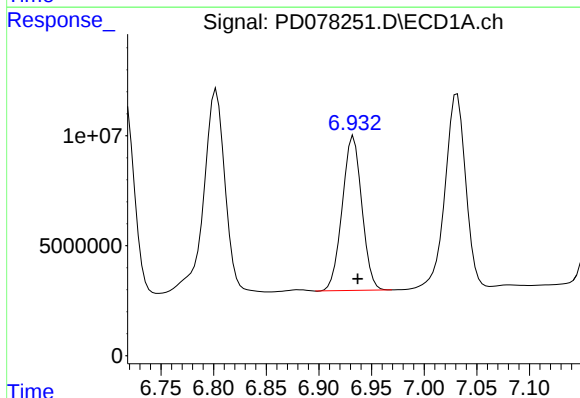
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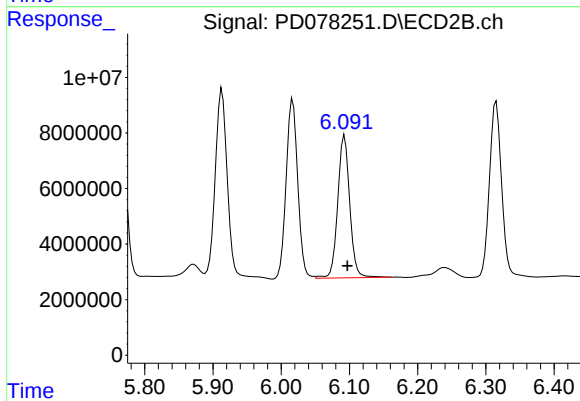
#17 4,4'-DDT

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 76604966
Conc: 54.22 ng/ml



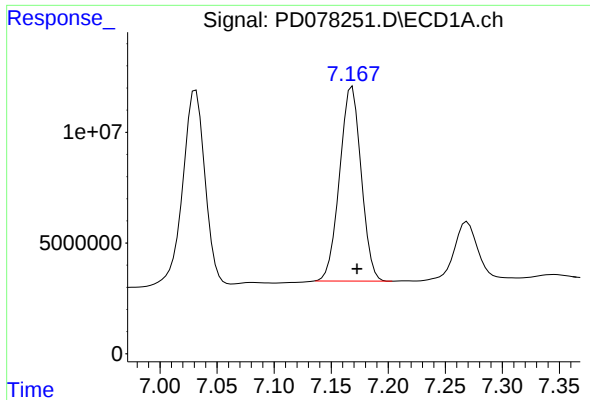
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: -0.004 min
Response: 91167568
Conc: 38.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 62932521
Conc: 46.62 ng/ml



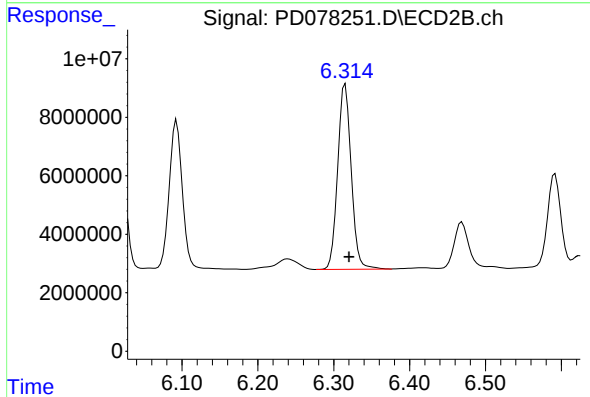
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 115585062
Conc: 40.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-BCDMSD

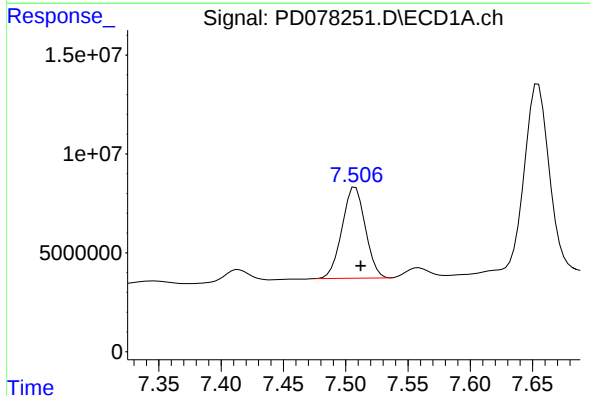
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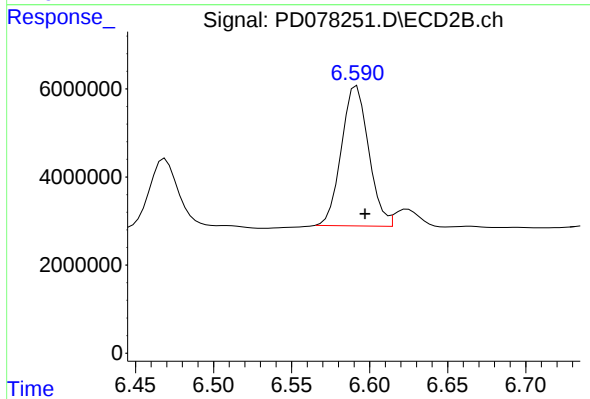
#19 Endosulfan Sulfate

R.T.: 6.315 min
Delta R.T.: -0.005 min
Response: 78543948
Conc: 49.05 ng/ml



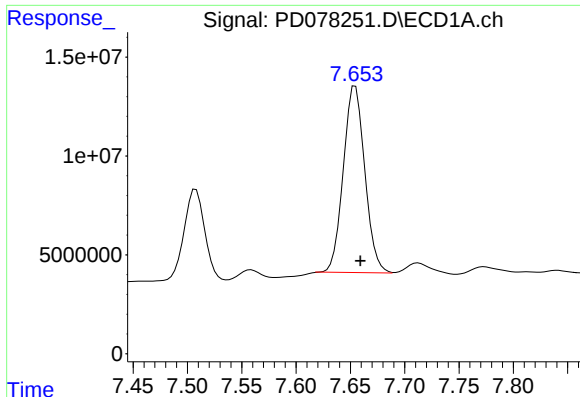
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: -0.004 min
Response: 60100702
Conc: 38.86 ng/ml



#20 Methoxychlor

R.T.: 6.592 min
Delta R.T.: -0.005 min
Response: 38628439
Conc: 49.89 ng/ml



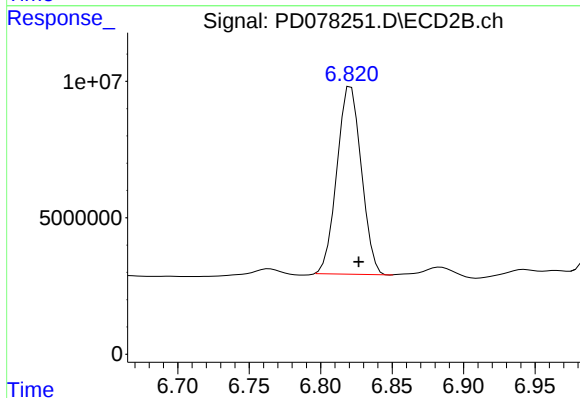
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 129991204
Conc: 40.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-BCDMSD

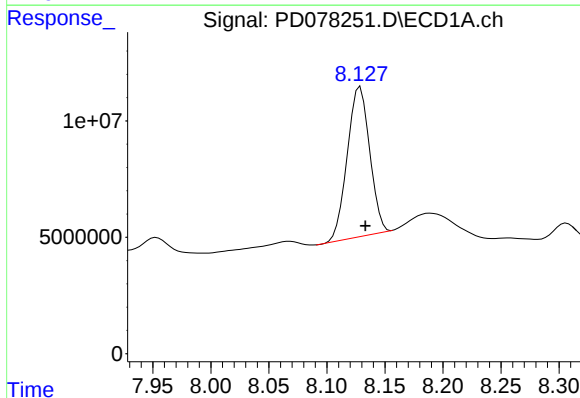
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/25/2023
Supervised By :Ankita Jodhani 09/26/2023



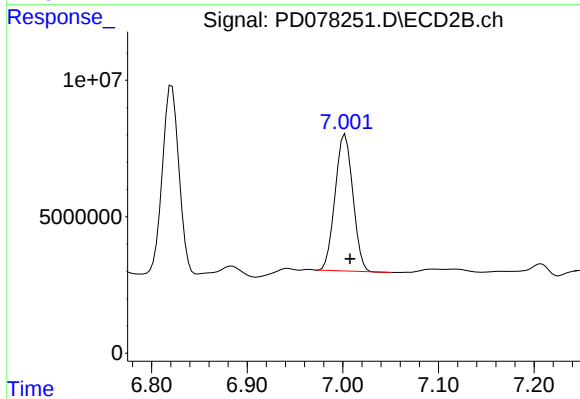
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: -0.005 min
Response: 81858006
Conc: 43.29 ng/ml



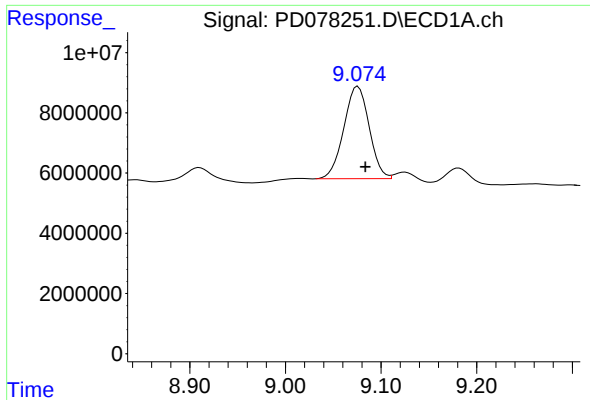
#22 Mirex

R.T.: 8.129 min
Delta R.T.: -0.005 min
Response: 86222870
Conc: 35.85 ng/ml



#22 Mirex

R.T.: 7.002 min
Delta R.T.: -0.005 min
Response: 64500718
Conc: 42.12 ng/ml



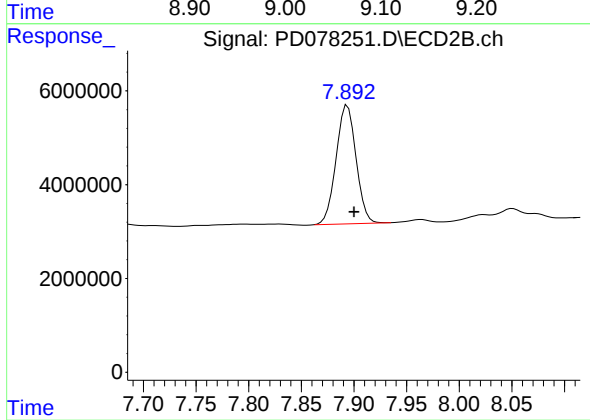
#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.008 min
Response: 56659358
Conc: 18.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-BCDMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.006 min
Response: 33477231
Conc: 19.40 ng/ml