

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077586.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 14:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/05/2023
 Supervised By : Ankita Jodhani 09/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 05:04:27 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...	3.548	2.761	121.0E6	77713036	47.655	49.135
28)	SA Decachlor...	9.089	7.902	140.7E6	79659196	46.190	46.162
Target Compounds							
2)	A alpha-BHC	4.004	3.262	205.0E6	115.5E6	49.832	49.934
3)	MA gamma-BHC...	4.338	3.592	194.4E6	111.1E6	49.135	49.681
4)	MA Heptachlor	4.928	3.931	192.5E6	111.1E6	49.130	49.385
5)	MB Aldrin	5.271	4.211	196.0E6	111.6E6	48.727	49.002
6)	B beta-BHC	4.535	3.889	75699281	42597455	46.908	47.794
7)	B delta-BHC	4.782	4.119	185.5E6	106.4E6	50.308m	49.103
8)	B Heptachlo...	5.698	4.714	167.5E6	99395539	46.850	49.006
9)	A Endosulfan I	6.085	5.084	156.6E6	92224323	47.616	49.235
10)	B gamma-Chl...	5.955	4.964	168.3E6	97364666	47.810	48.436
11)	B alpha-Chl...	6.035	5.028	168.9E6	97768044	47.458	48.527
12)	B 4,4'-DDE	6.207	5.216	154.2E6	85724503	47.903	46.965
13)	MA Dieldrin	6.361	5.348	170.5E6	100.4E6	47.928	49.153
14)	MA Endrin	6.592	5.624	142.7E6	86685659	47.040	47.858
15)	B Endosulfa...	6.811	5.919	143.4E6	82177589	46.294	48.028
16)	A 4,4'-DDD	6.726	5.772	122.6E6	65498991	47.839	46.872
17)	MA 4,4'-DDT	7.040	6.022	127.2E6	68695722	48.653	48.622
18)	B Endrin al...	6.941	6.098	109.7E6	63682345	46.167	47.178
19)	B Endosulfa...	7.177	6.321	133.0E6	76906999	46.859	48.030
20)	A Methoxychlor	7.516	6.598	71095559	34436965	45.964	44.479
21)	B Endrin ke...	7.663	6.828	154.6E6	91265137	47.582	48.269
22)	Mirex	8.137	7.008	113.8E6	72728523	47.326	47.496

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
Data File : PD077586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Sep 2023 14:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

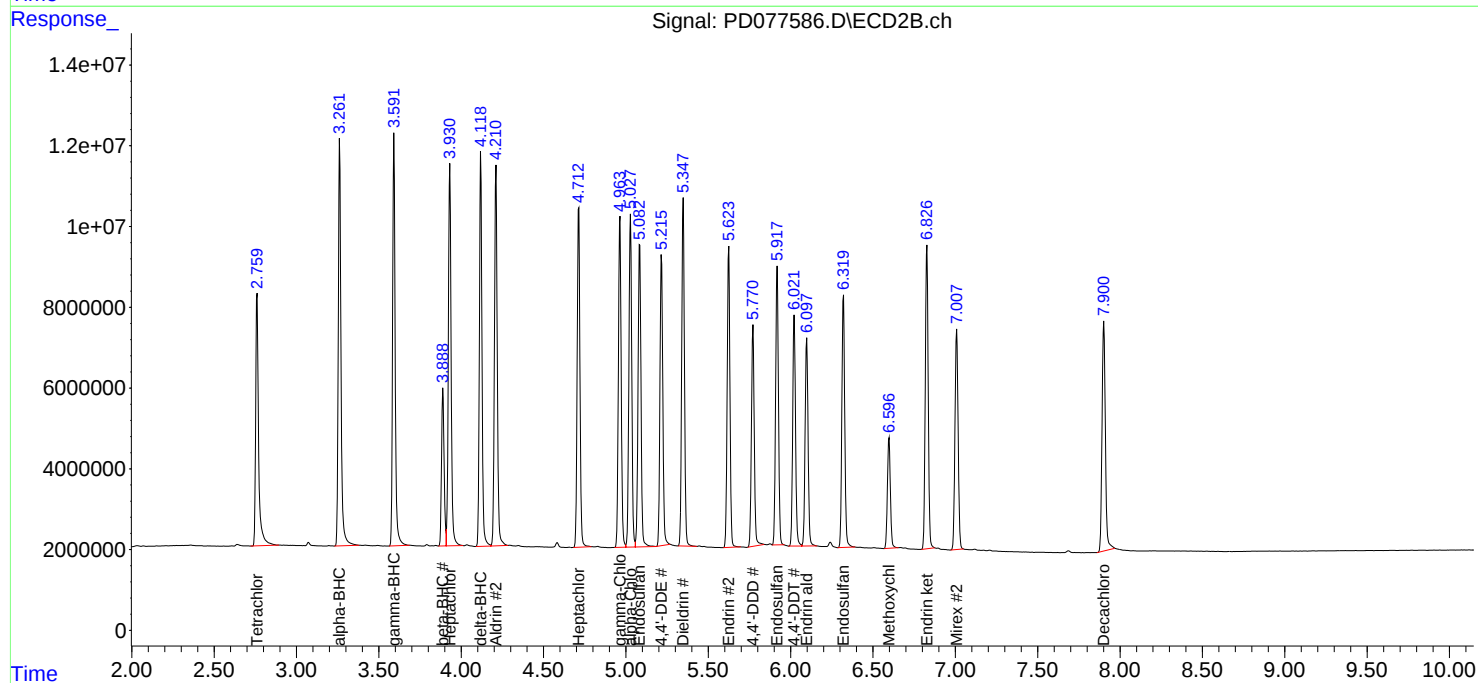
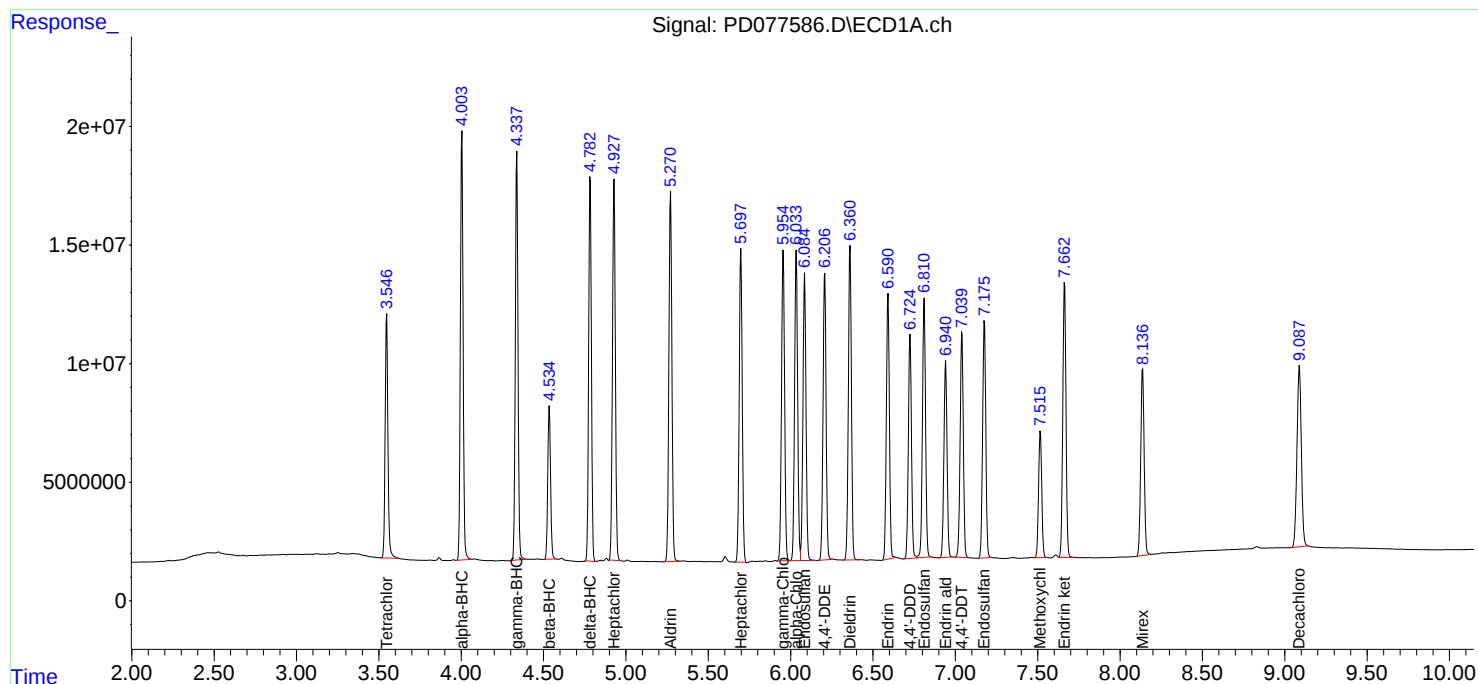
Instrument :
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ClientSampleId :
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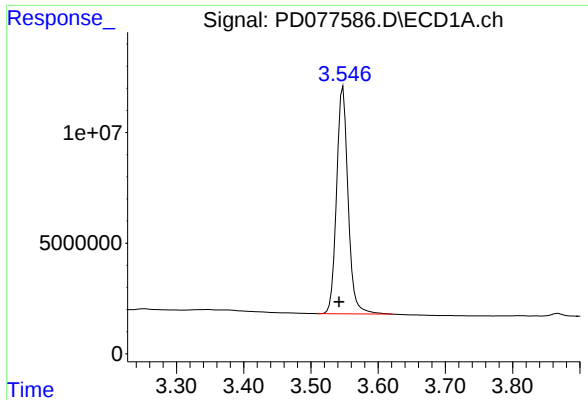
Manual Integrations
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Reviewed By :Abdul Mirza 09/05/2023
Supervised By :Ankita Jodhani 09/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 03 05:04:27 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





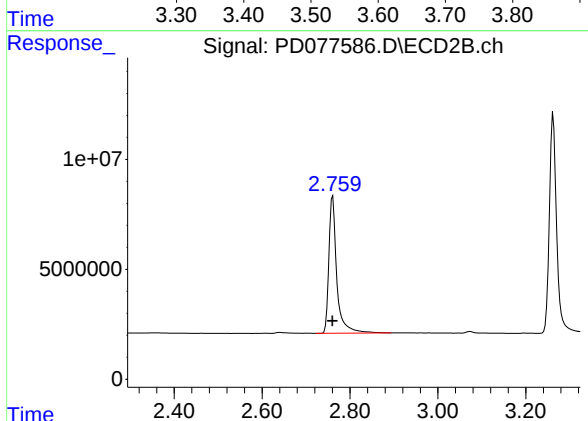
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.006 min
Response: 120996995
Conc: 47.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

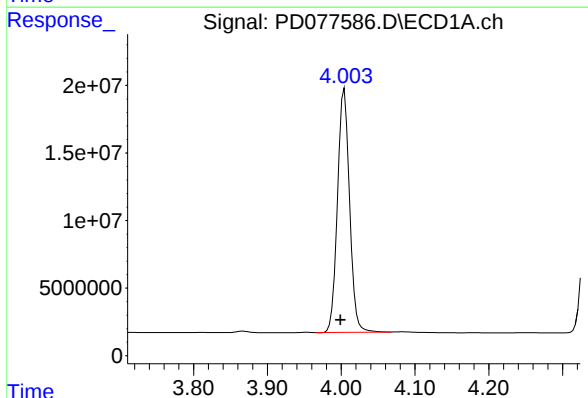
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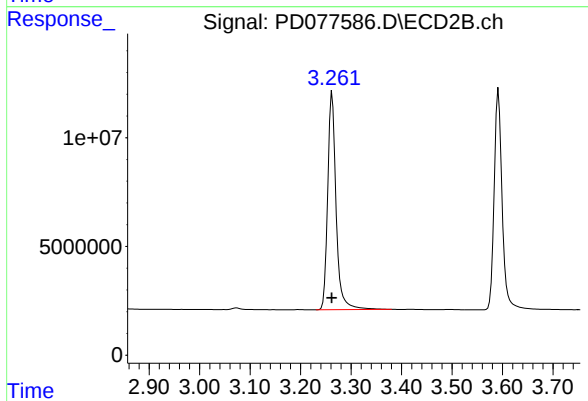
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 77713036
Conc: 49.13 ng/ml



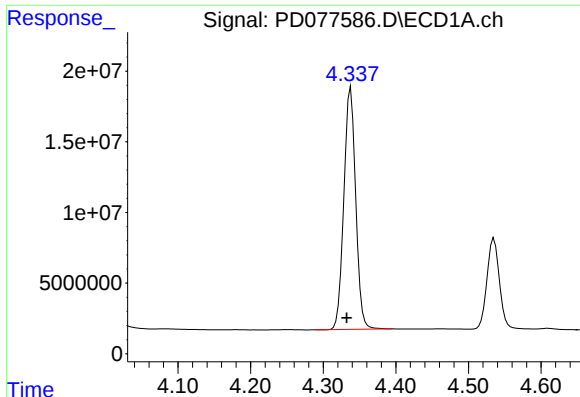
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.006 min
Response: 205017670
Conc: 49.83 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 115524710
Conc: 49.93 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.005 min
Response: 194373943
Conc: 49.13 ng/ml

Instrument :

ECD_D

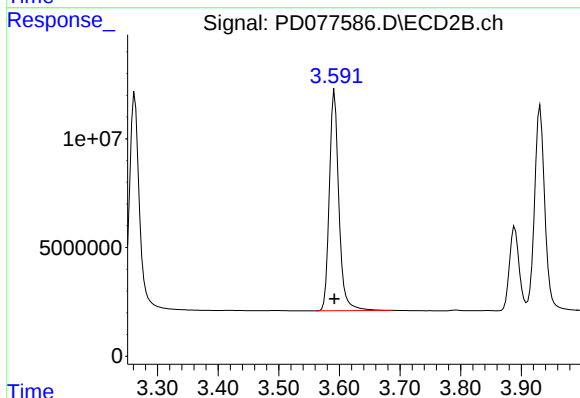
ClientSampleId :

PSTDCCC050

Manual Integrations

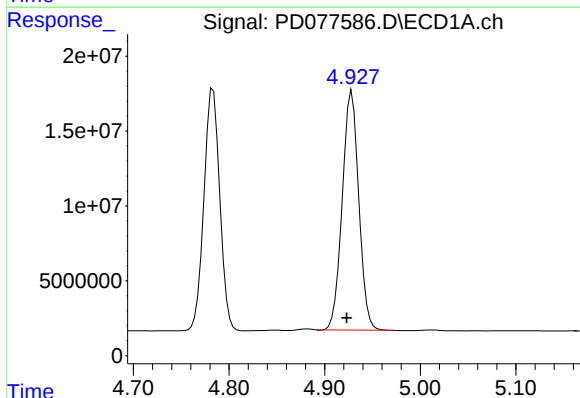
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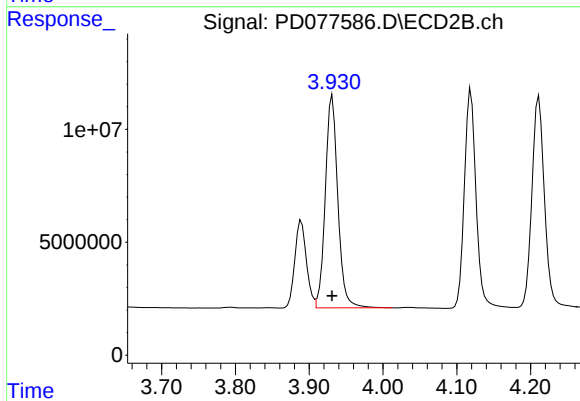
#3 gamma-BHC (Lindane)

R.T.: 3.592 min
Delta R.T.: 0.000 min
Response: 111059389
Conc: 49.68 ng/ml



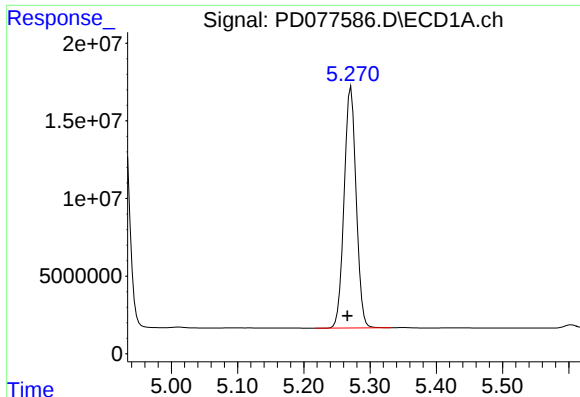
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.005 min
Response: 192489554
Conc: 49.13 ng/ml



#4 Heptachlor

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 111086079
Conc: 49.38 ng/ml



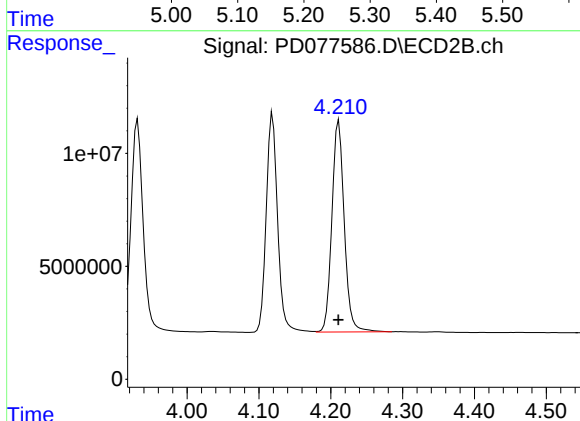
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.005 min
Response: 195970380
Conc: 48.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

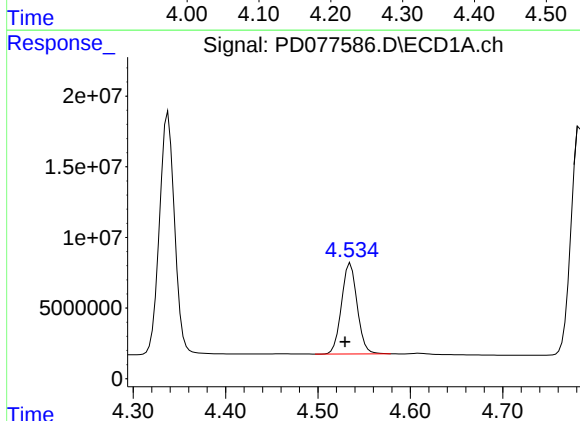
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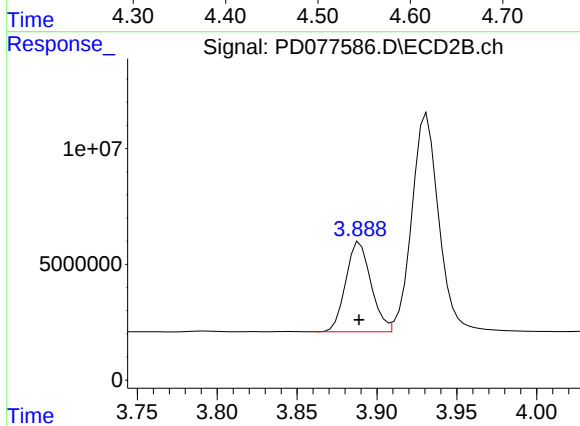
#5 Aldrin

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 111628096
Conc: 49.00 ng/ml



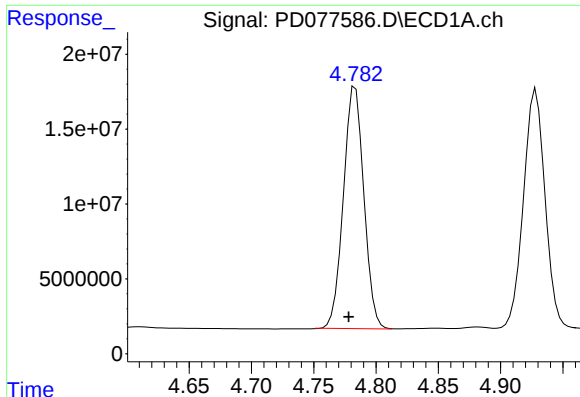
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.006 min
Response: 75699281
Conc: 46.91 ng/ml



#6 beta-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 42597455
Conc: 47.79 ng/ml



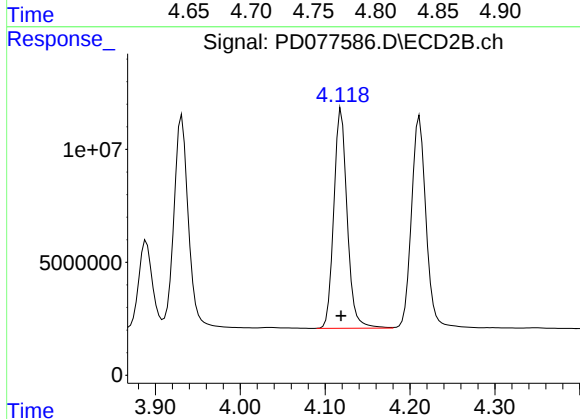
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.004 min
Response: 185454532
Conc: 50.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

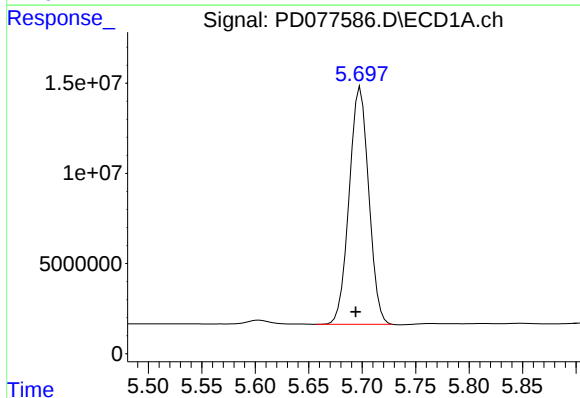
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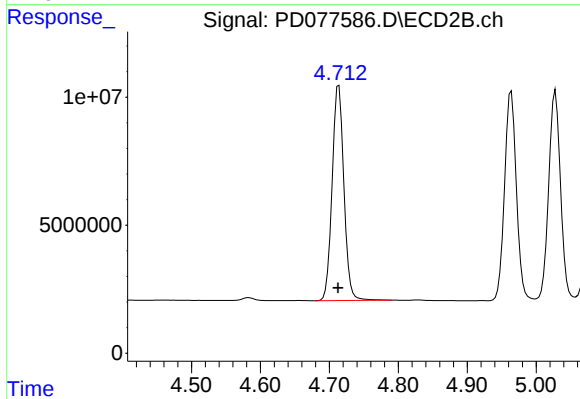
#7 delta-BHC

R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 106448561
Conc: 49.10 ng/ml



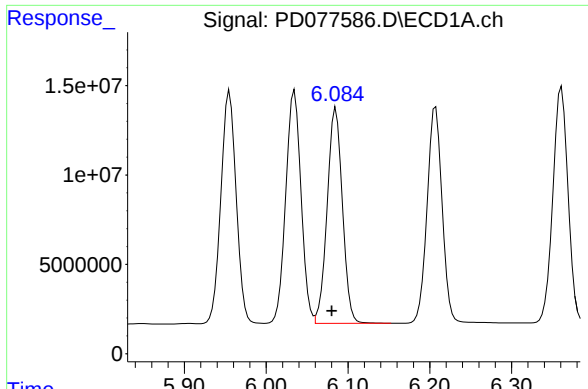
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.005 min
Response: 167515478
Conc: 46.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.714 min
Delta R.T.: 0.001 min
Response: 99395539
Conc: 49.01 ng/ml



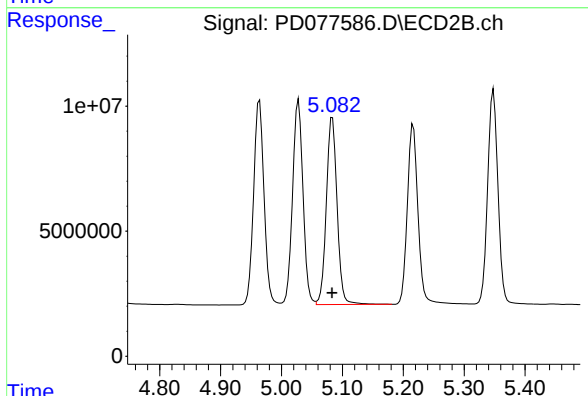
#9 Endosulfan I

R.T.: 6.085 min
Delta R.T.: 0.005 min
Response: 156611848
Conc: 47.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

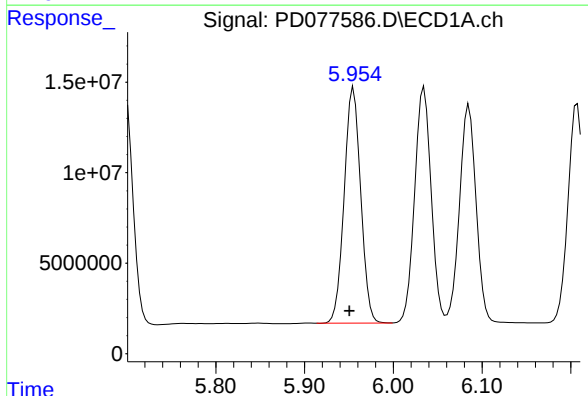
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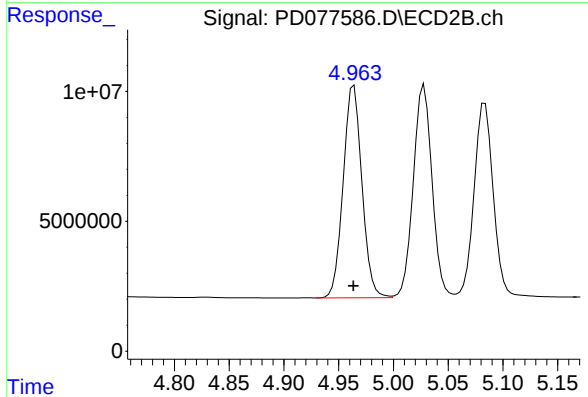
#9 Endosulfan I

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 92224323
Conc: 49.24 ng/ml



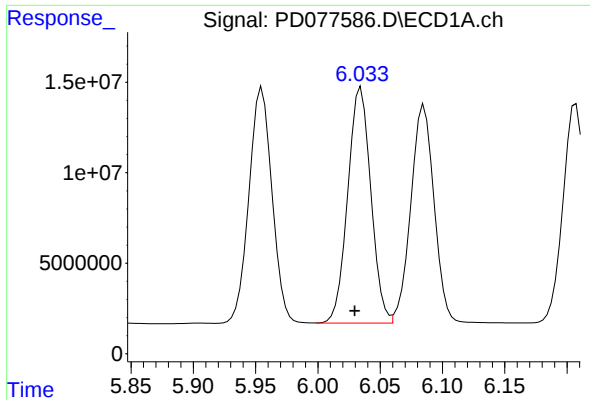
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.005 min
Response: 168307574
Conc: 47.81 ng/ml



#10 gamma-Chlordane

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 97364666
Conc: 48.44 ng/ml



#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.005 min
Response: 168873077
Conc: 47.46 ng/ml

Instrument :

ECD_D

ClientSampleId :

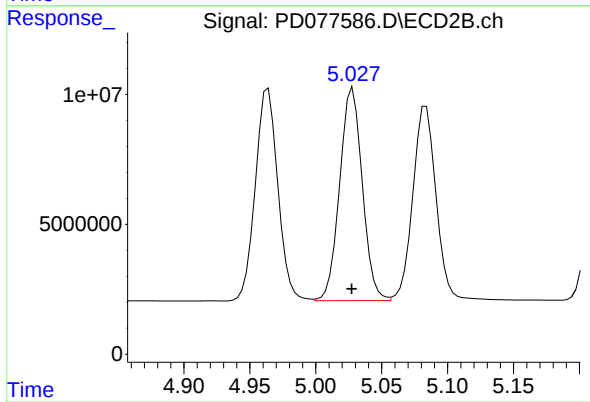
PSTDCCC050

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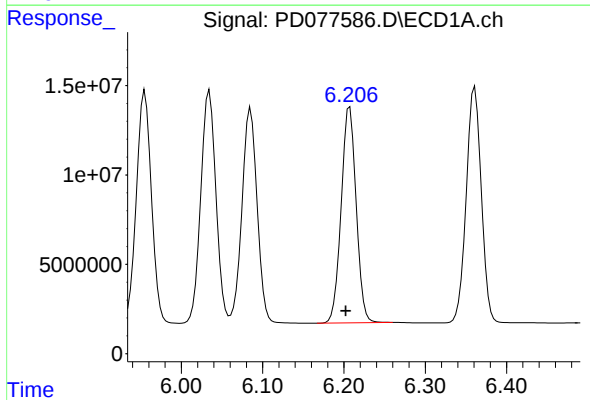
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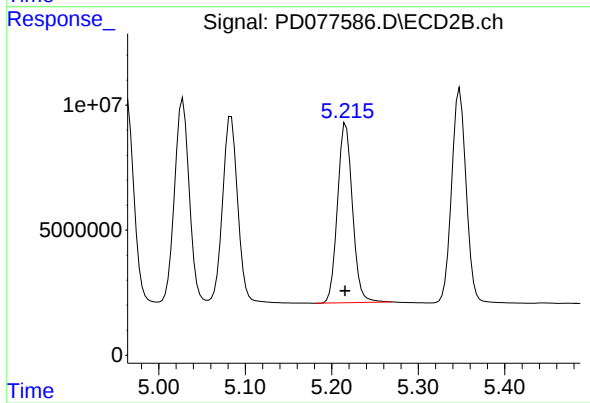
#11 alpha-Chlordane

R.T.: 5.028 min
Delta R.T.: 0.000 min
Response: 97768044
Conc: 48.53 ng/ml



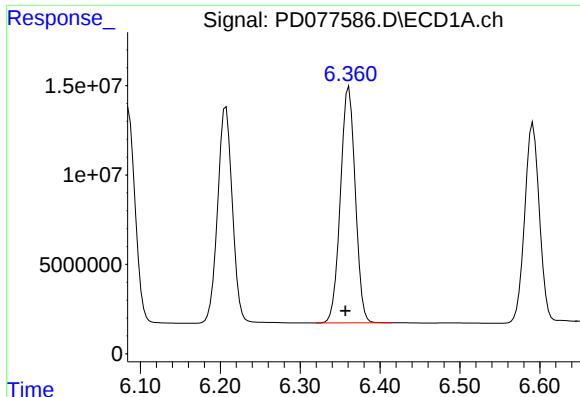
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.005 min
Response: 154229669
Conc: 47.90 ng/ml



#12 4,4'-DDE

R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 85724503
Conc: 46.96 ng/ml



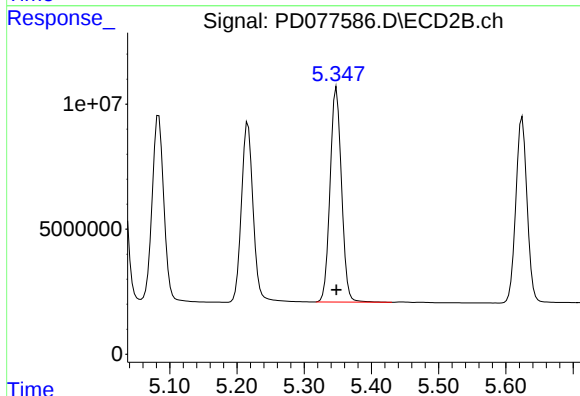
#13 Dieldrin

R.T.: 6.361 min
Delta R.T.: 0.005 min
Response: 170519493
Conc: 47.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

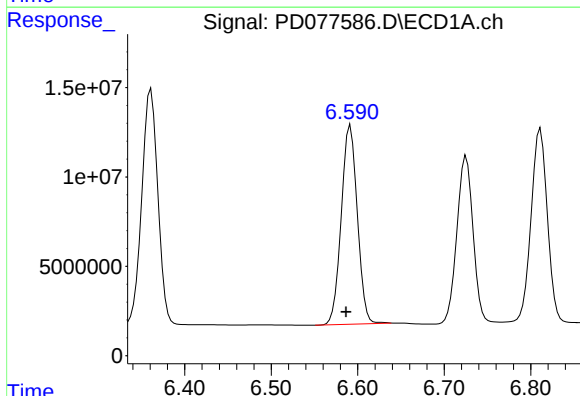
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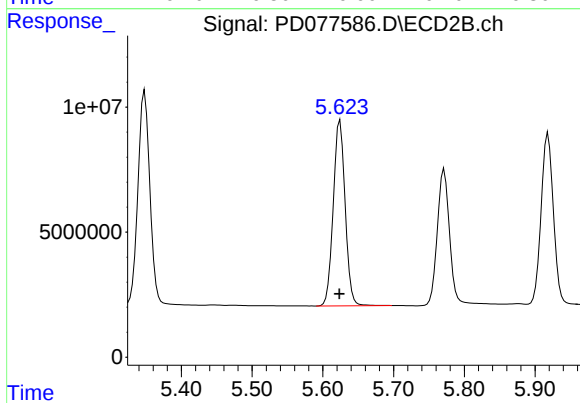
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 100360320
Conc: 49.15 ng/ml



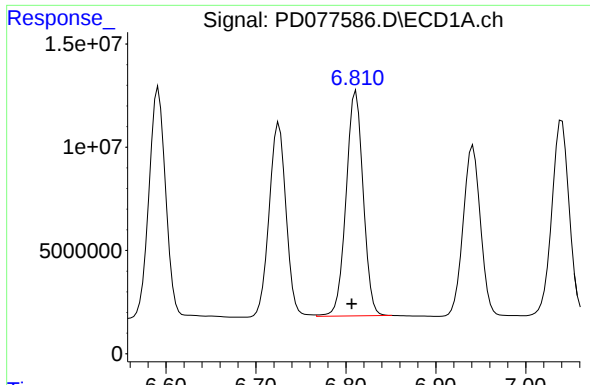
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.005 min
Response: 142680341
Conc: 47.04 ng/ml



#14 Endrin

R.T.: 5.624 min
Delta R.T.: 0.001 min
Response: 86685659
Conc: 47.86 ng/ml



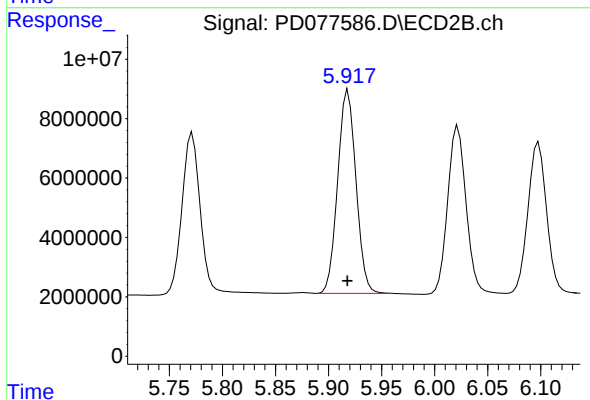
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: 0.005 min
Response: 143448201
Conc: 46.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
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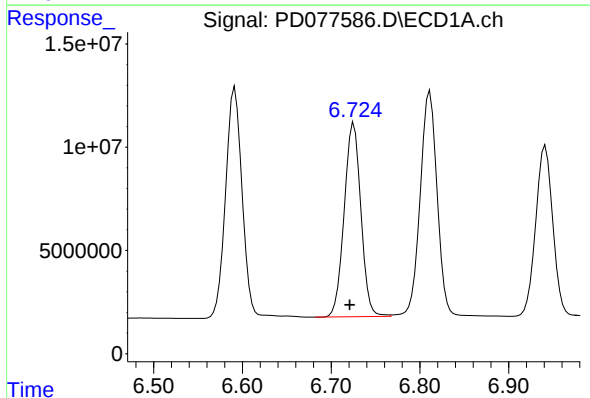
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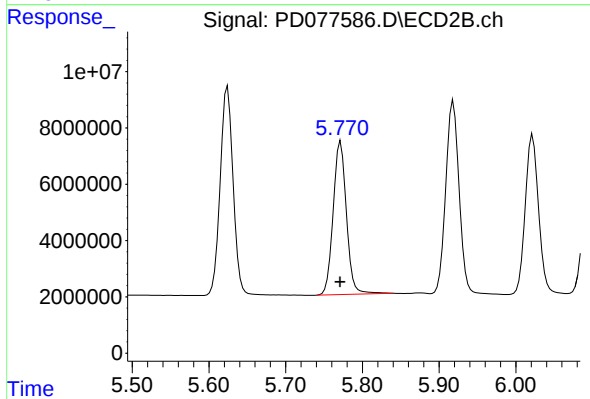
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 82177589
Conc: 48.03 ng/ml



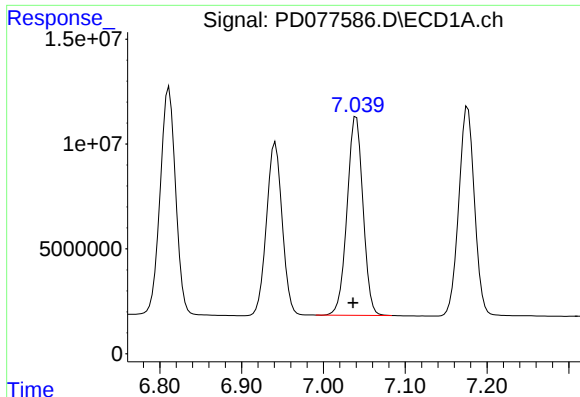
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.005 min
Response: 122578288
Conc: 47.84 ng/ml



#16 4,4'-DDD

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 65498991
Conc: 46.87 ng/ml



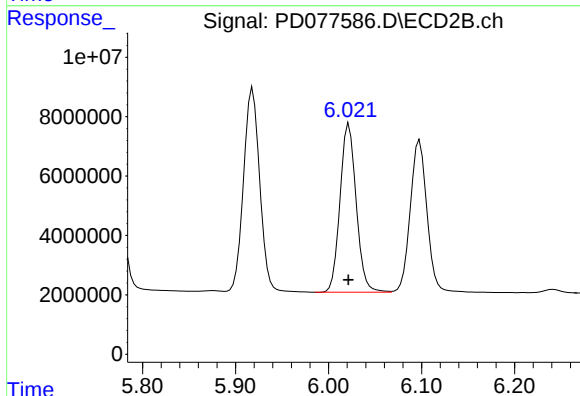
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: 0.004 min
Response: 127241790
Conc: 48.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

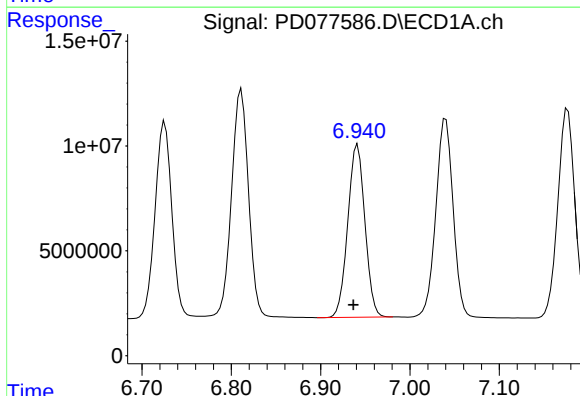
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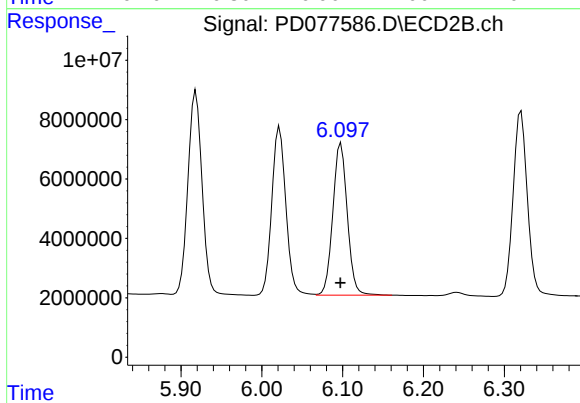
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 68695722
Conc: 48.62 ng/ml



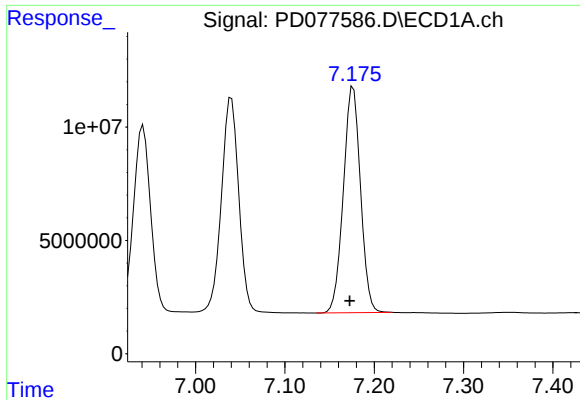
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.005 min
Response: 109710264
Conc: 46.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 63682345
Conc: 47.18 ng/ml



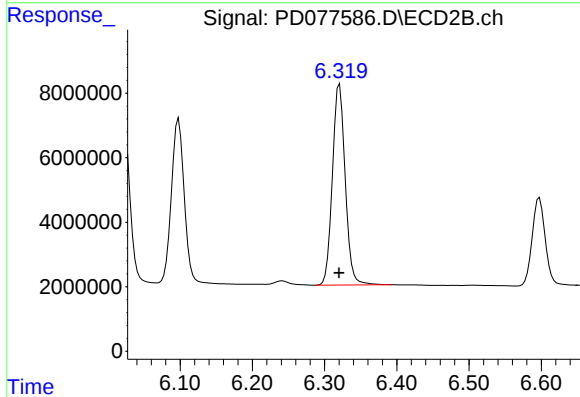
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: 0.004 min
Response: 132980055
Conc: 46.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

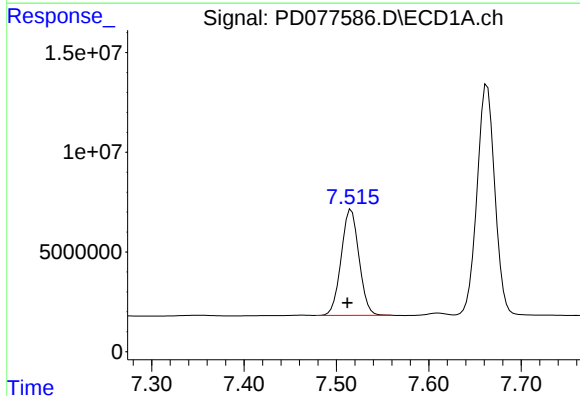
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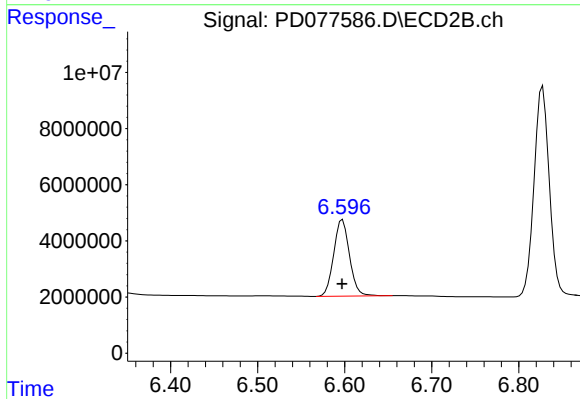
#19 Endosulfan Sulfate

R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 76906999
Conc: 48.03 ng/ml



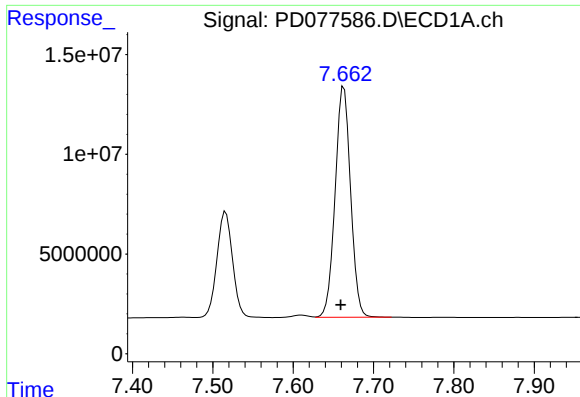
#20 Methoxychlor

R.T.: 7.516 min
Delta R.T.: 0.004 min
Response: 71095559
Conc: 45.96 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 34436965
Conc: 44.48 ng/ml



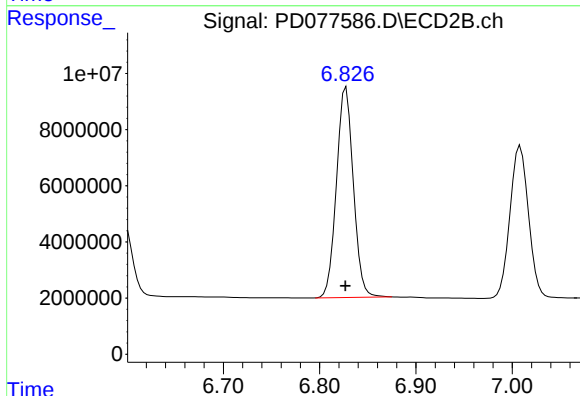
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.004 min
Response: 154644799
Conc: 47.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

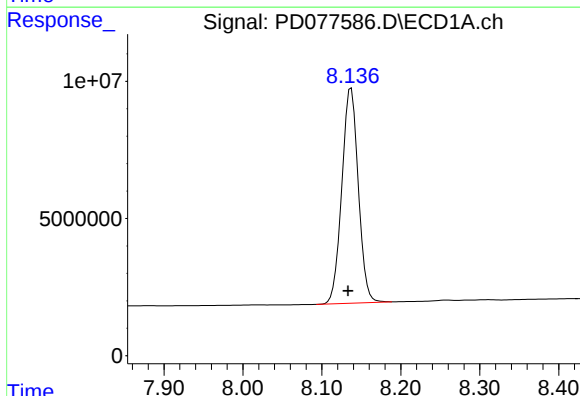
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/05/2023
Supervised By :Ankita Jodhani 09/05/2023



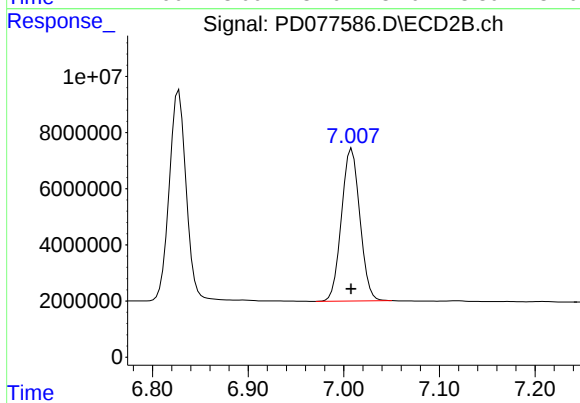
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 91265137
Conc: 48.27 ng/ml



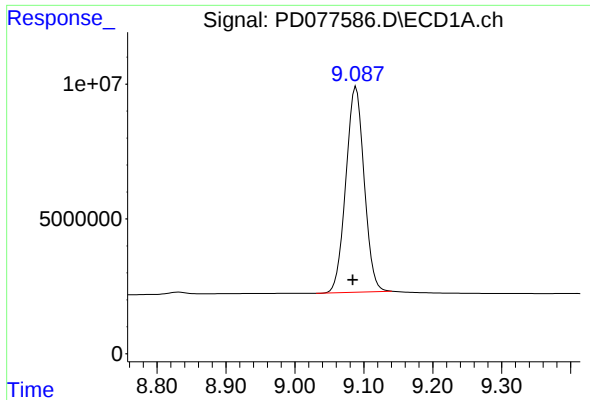
#22 Mirex

R.T.: 8.137 min
Delta R.T.: 0.004 min
Response: 113821690
Conc: 47.33 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 72728523
Conc: 47.50 ng/ml



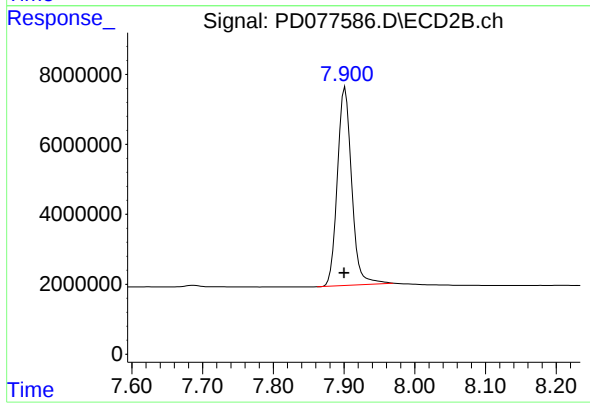
#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.005 min
Response: 140704458
Conc: 46.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: 0.001 min
Response: 79659196
Conc: 46.16 ng/ml