

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091423\
 Data File : PD077951.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2023 21:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/14/2023
 Supervised By : Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 02:30:02 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...	3.541	2.759	130.3E6	85269789	51.331	53.912
28)	SA Decachlor...	9.081	7.897	152.1E6	87072353	49.945	50.458
Target Compounds							
2)	A alpha-BHC	3.998	3.260	220.6E6	127.6E6	53.625	55.154
3)	MA gamma-BHC...	4.331	3.590	209.6E6	122.5E6	52.984	54.779
4)	MA Heptachlor	4.922	3.929	198.2E6	119.2E6	50.596	52.971
5)	MB Aldrin	5.264	4.209	208.5E6	124.2E6	51.842	54.522
6)	B beta-BHC	4.528	3.887	81909496	48695608	50.756	54.636
7)	B delta-BHC	4.777	4.116	203.7E6	121.8E6	55.265	56.173
8)	B Heptachlo...	5.692	4.711	179.1E6	111.0E6	50.084	54.712
9)	A Endosulfan I	6.079	5.080	164.0E6	101.1E6	49.874	53.948
10)	B gamma-Chl...	5.949	4.961	176.9E6	109.4E6	50.251	54.416
11)	B alpha-Chl...	6.029	5.025	177.5E6	108.1E6	49.870	53.633
12)	B 4,4'-DDE	6.200	5.213	163.4E6	102.0E6	50.747	55.901
13)	MA Dieldrin	6.355	5.346	176.4E6	110.0E6	49.574	53.859
14)	MA Endrin	6.585	5.621	135.3E6	89303486	44.607	49.303
15)	B Endosulfa...	6.805	5.915	148.0E6	92321647	47.766	53.956
16)	A 4,4'-DDD	6.720	5.767	131.3E6	82408721	51.259	58.972m
17)	MA 4,4'-DDT	7.033	6.019	121.0E6	75699888	46.270	53.580
18)	B Endrin al...	6.936	6.095	114.0E6	71807673	47.969	53.198
19)	B Endosulfa...	7.171	6.318	134.6E6	86207414	47.441	53.838
20)	A Methoxychlor	7.510	6.595	65394662	39018067	42.279	50.395
21)	B Endrin ke...	7.657	6.825	160.1E6	104.5E6	49.246	55.280
22)	Mirex	8.131	7.005	115.8E6	77715945	48.169	50.753

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091423\
Data File : PD077951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2023 21:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

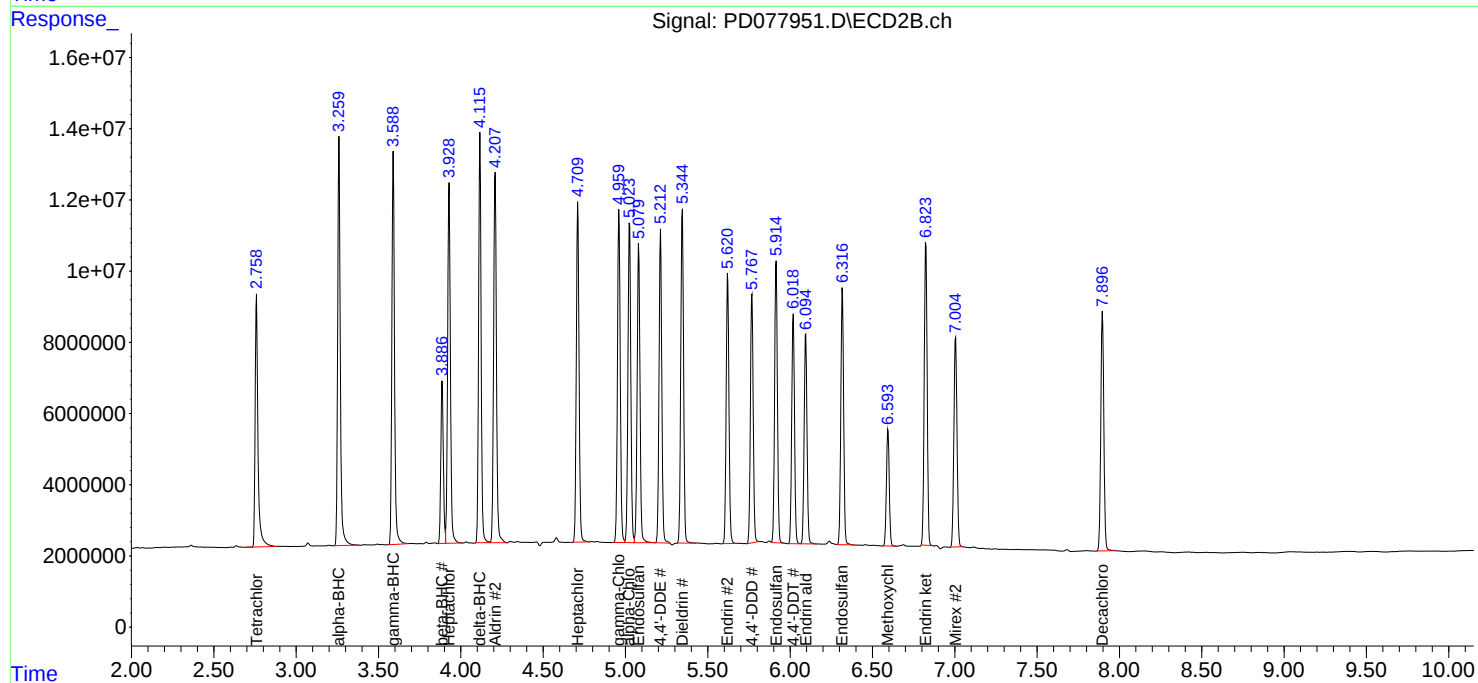
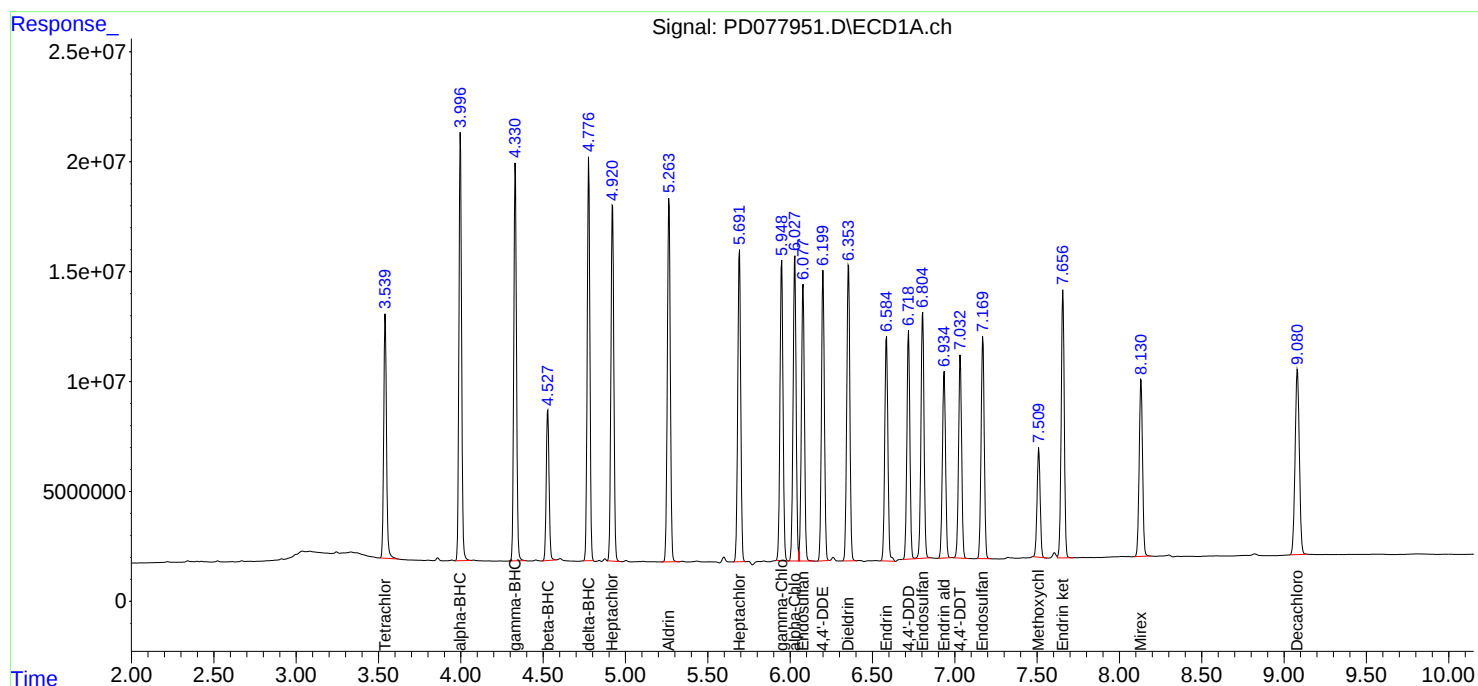
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

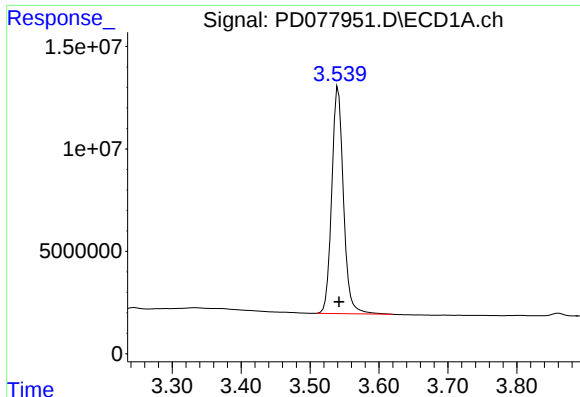
Manual Integrations
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Supervised By :Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 14 02:30:02 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





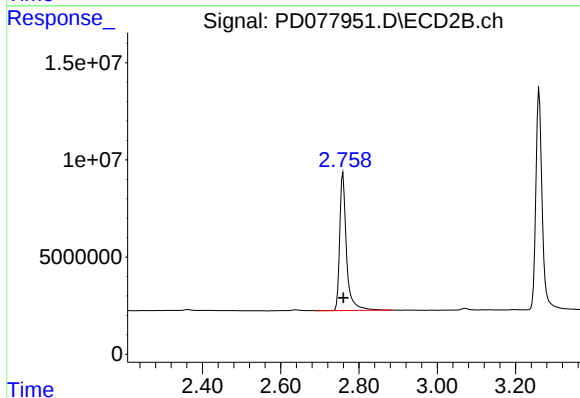
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.001 min
Response: 130331800
Conc: 51.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

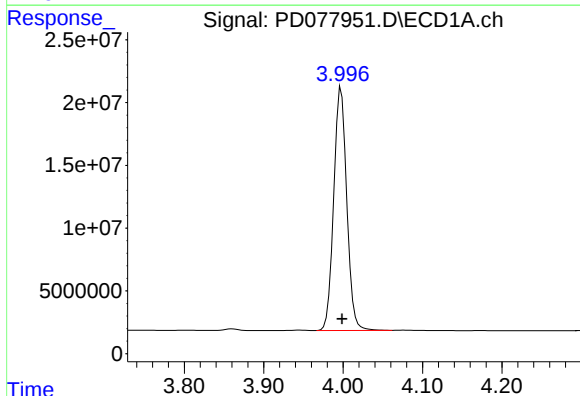
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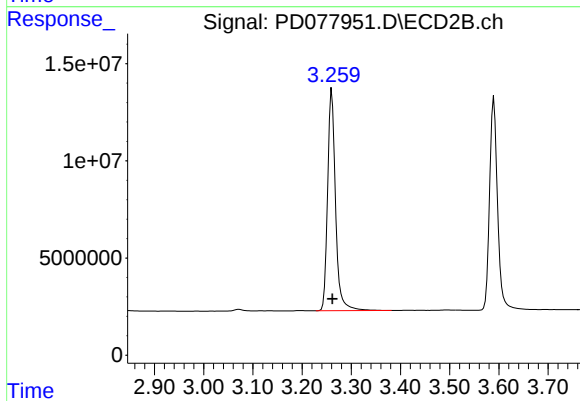
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 85269789
Conc: 53.91 ng/ml



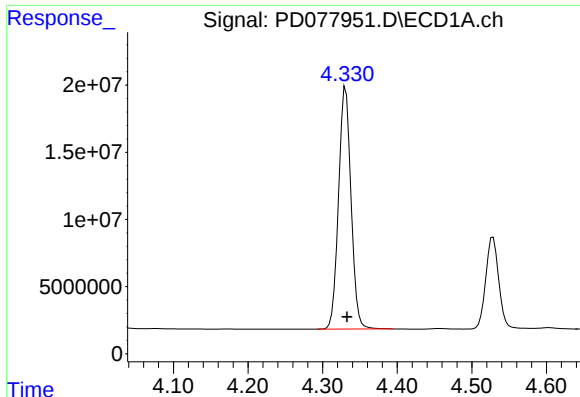
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.001 min
Response: 220623084
Conc: 53.63 ng/ml



#2 alpha-BHC

R.T.: 3.260 min
Delta R.T.: -0.001 min
Response: 127602483
Conc: 55.15 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 209602324
Conc: 52.98 ng/ml

Instrument :

ECD_D

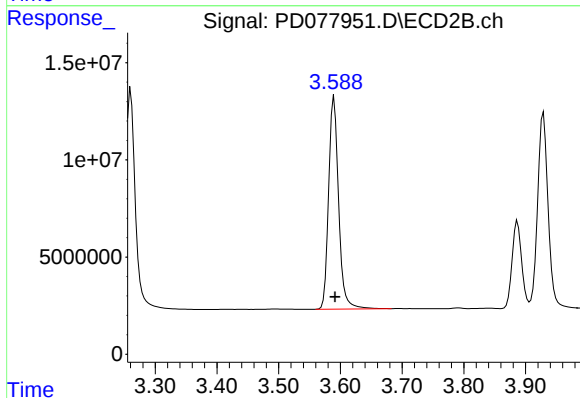
ClientSampleId :

PSTDCCC050

Manual Integrations

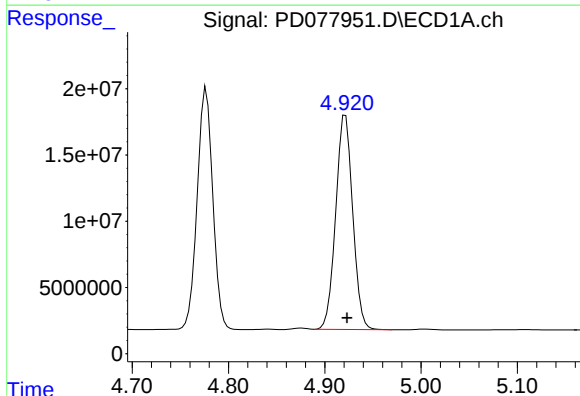
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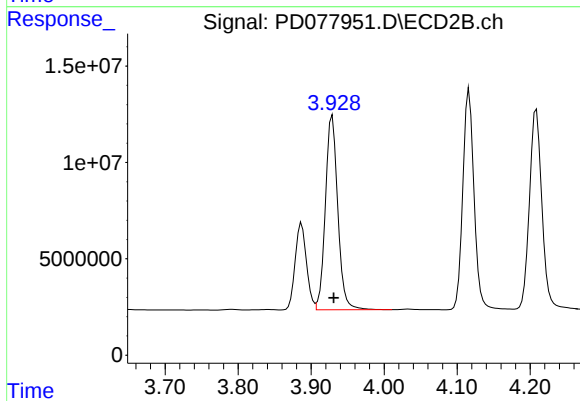
#3 gamma-BHC (Lindane)

R.T.: 3.590 min
Delta R.T.: -0.002 min
Response: 122455882
Conc: 54.78 ng/ml



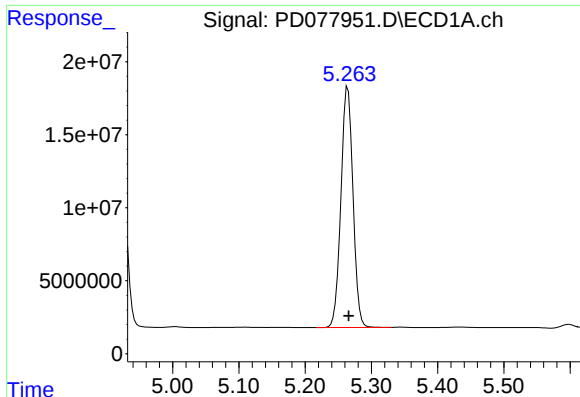
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 198232533
Conc: 50.60 ng/ml



#4 Heptachlor

R.T.: 3.929 min
Delta R.T.: -0.002 min
Response: 119152399
Conc: 52.97 ng/ml



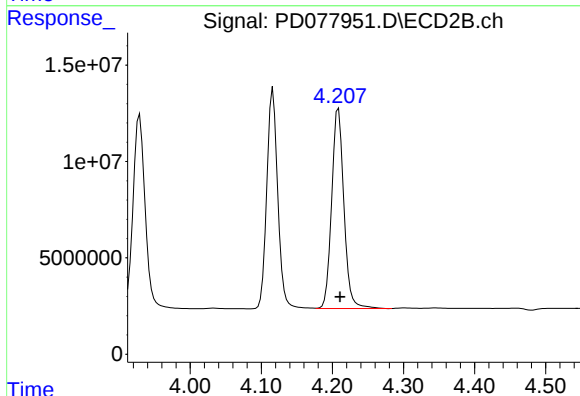
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.001 min
Response: 208498548
Conc: 51.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

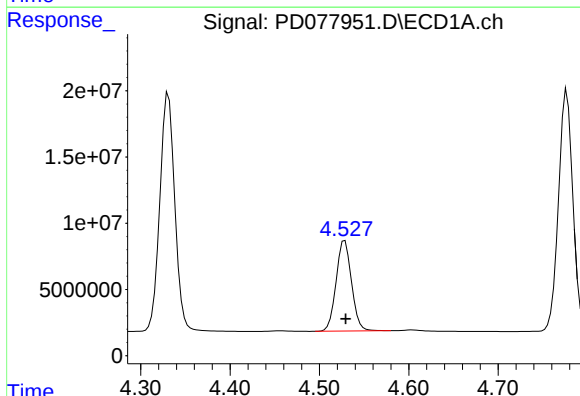
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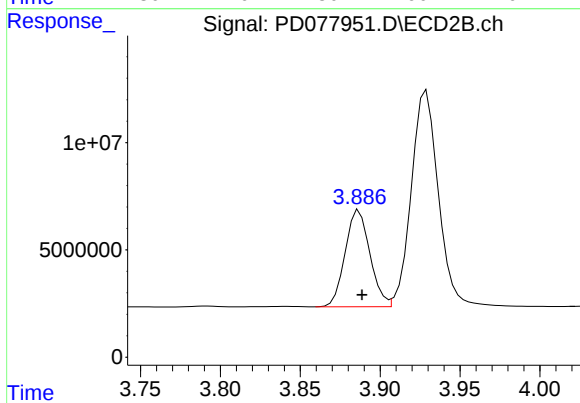
#5 Aldrin

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 124202053
Conc: 54.52 ng/ml



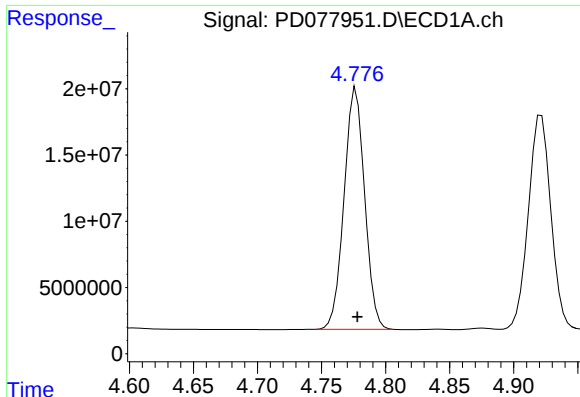
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 81909496
Conc: 50.76 ng/ml



#6 beta-BHC

R.T.: 3.887 min
Delta R.T.: -0.002 min
Response: 48695608
Conc: 54.64 ng/ml



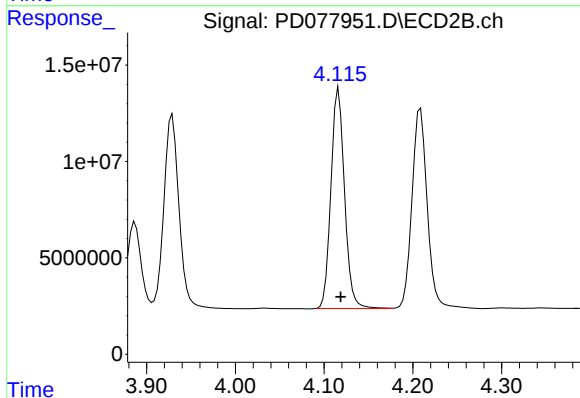
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: -0.001 min
Response: 203728104
Conc: 55.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

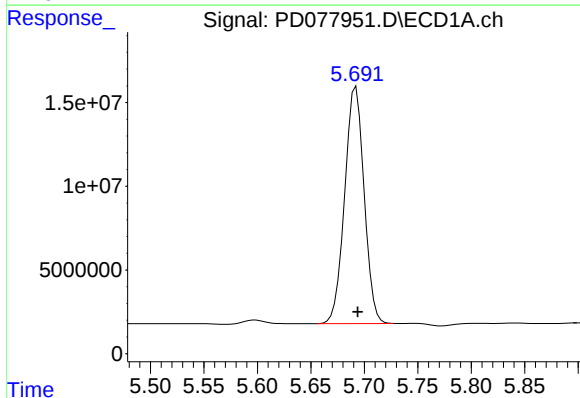
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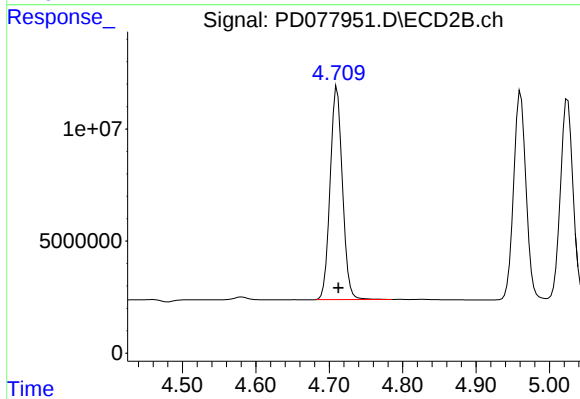
#7 delta-BHC

R.T.: 4.116 min
Delta R.T.: -0.002 min
Response: 121775033
Conc: 56.17 ng/ml



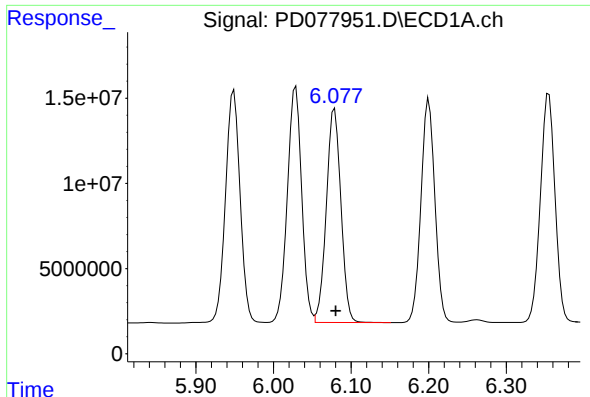
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 179080236
Conc: 50.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 110967552
Conc: 54.71 ng/ml



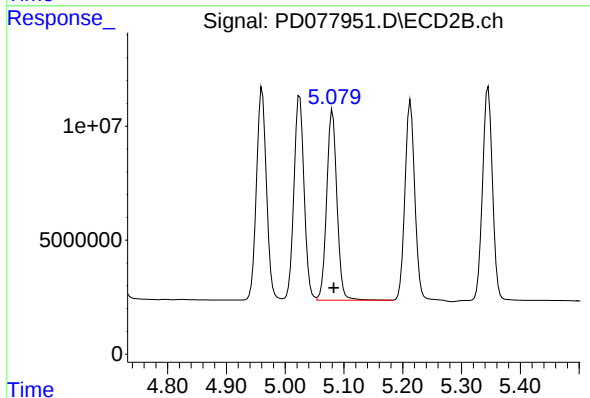
#9 Endosulfan I

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 164040428
Conc: 49.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

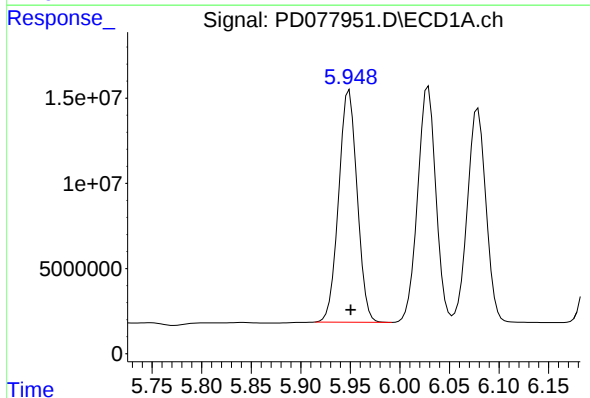
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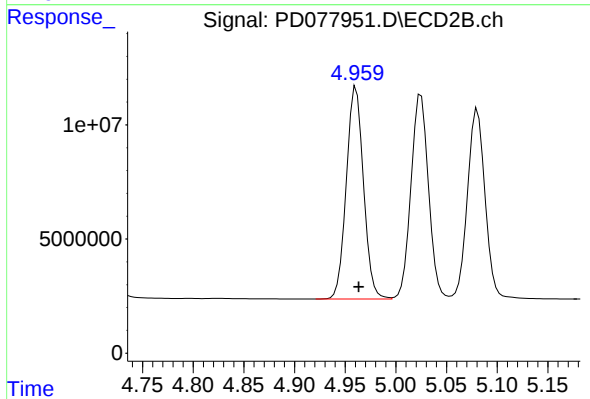
#9 Endosulfan I

R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 101051510
Conc: 53.95 ng/ml



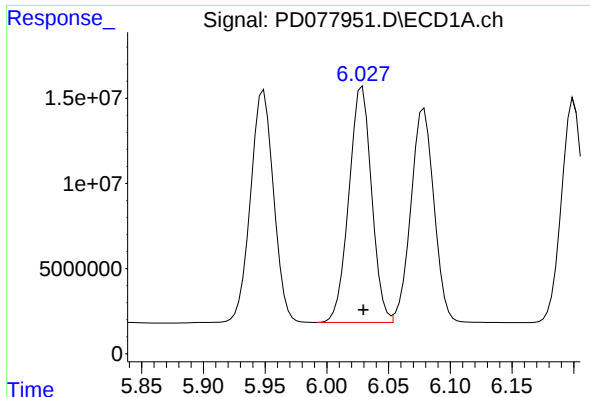
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 176898700
Conc: 50.25 ng/ml



#10 gamma-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 109386795
Conc: 54.42 ng/ml



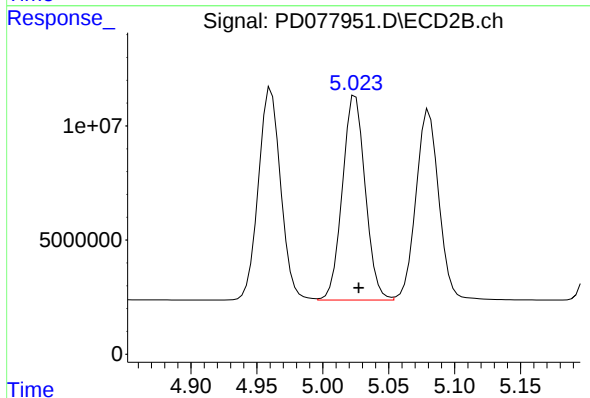
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 177453049
Conc: 49.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

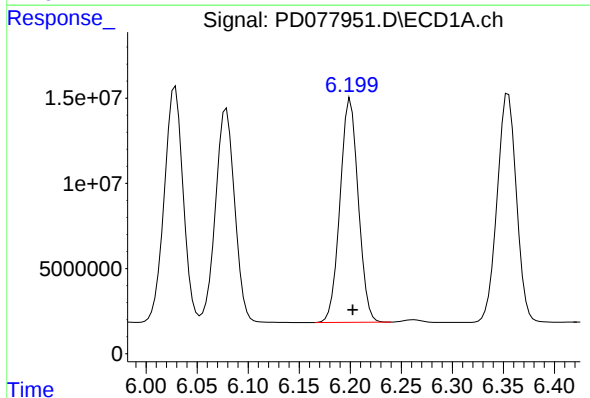
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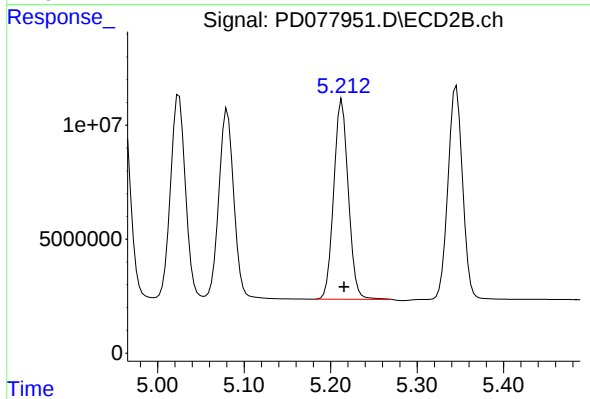
#11 alpha-Chlordane

R.T.: 5.025 min
Delta R.T.: -0.002 min
Response: 108054692
Conc: 53.63 ng/ml



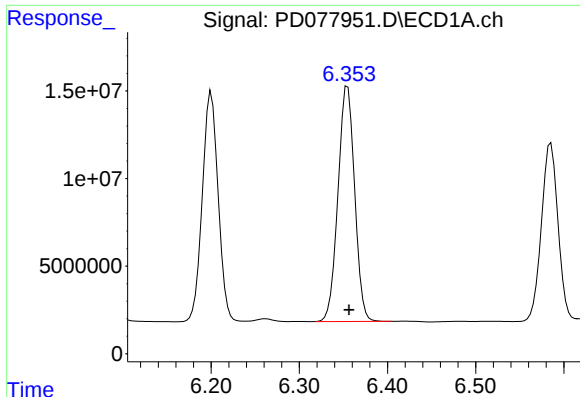
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: -0.002 min
Response: 163385765
Conc: 50.75 ng/ml



#12 4,4'-DDE

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 102035983
Conc: 55.90 ng/ml



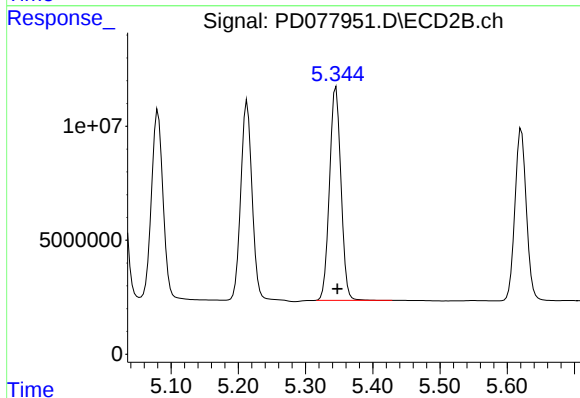
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 176374889
Conc: 49.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

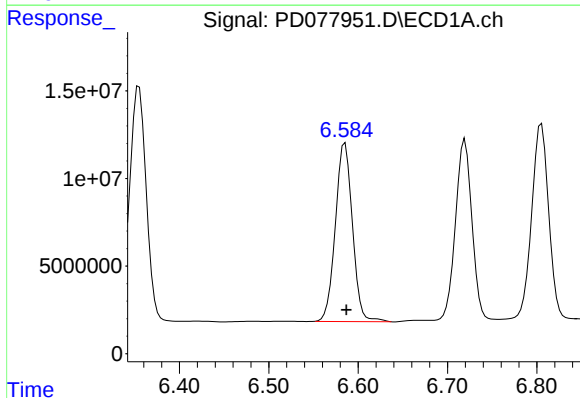
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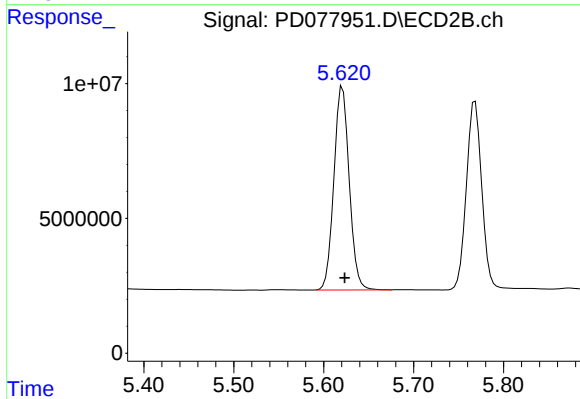
#13 Dieldrin

R.T.: 5.346 min
Delta R.T.: -0.002 min
Response: 109969303
Conc: 53.86 ng/ml



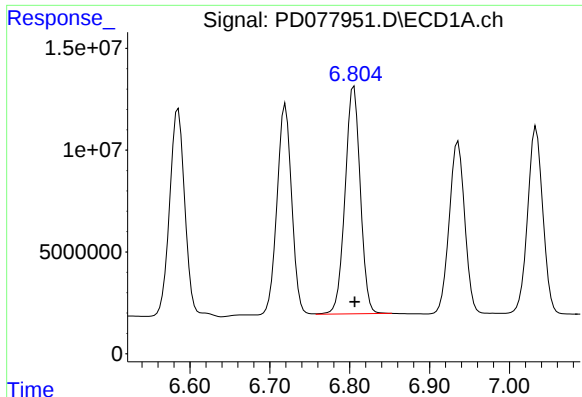
#14 Endrin

R.T.: 6.585 min
Delta R.T.: -0.001 min
Response: 135302375
Conc: 44.61 ng/ml



#14 Endrin

R.T.: 5.621 min
Delta R.T.: -0.002 min
Response: 89303486
Conc: 49.30 ng/ml



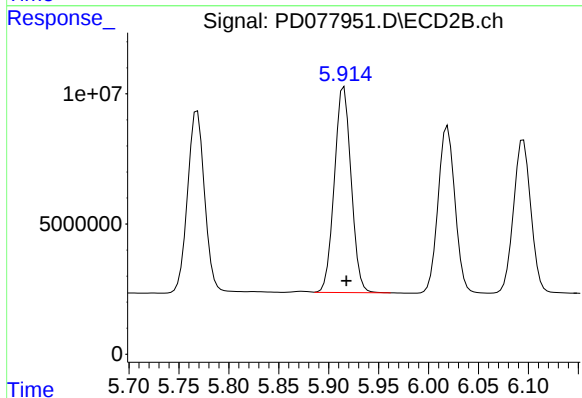
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: -0.001 min
Response: 148009752
Conc: 47.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

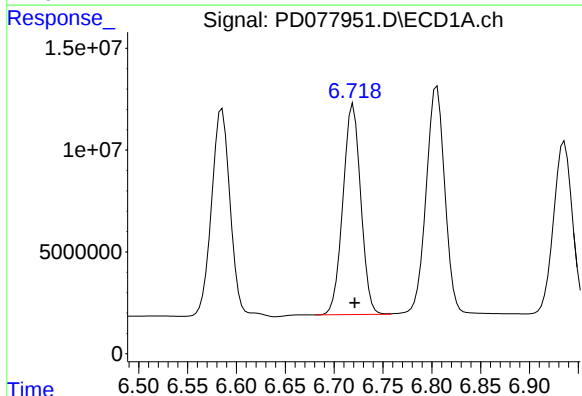
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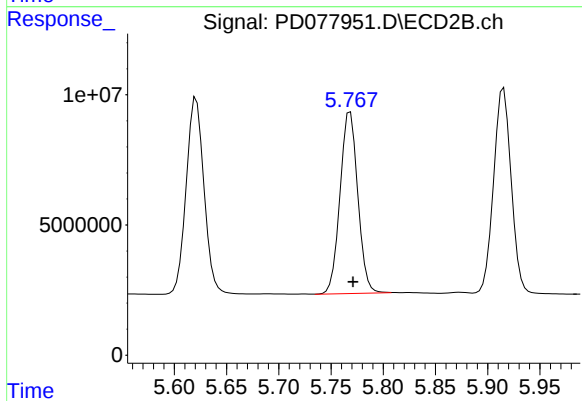
#15 Endosulfan II

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 92321647
Conc: 53.96 ng/ml



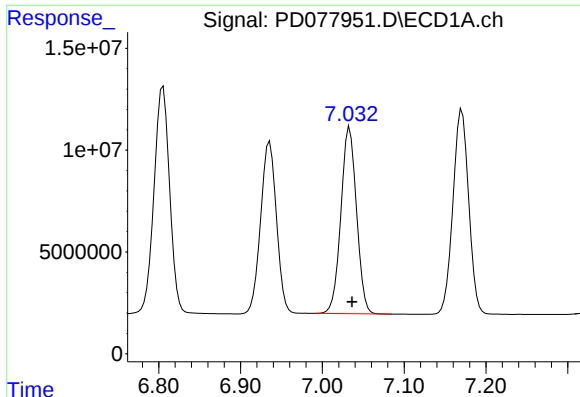
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.002 min
Response: 131342097
Conc: 51.26 ng/ml



#16 4,4'-DDD

R.T.: 5.767 min
Delta R.T.: -0.004 min
Response: 82408721
Conc: 58.97 ng/ml m



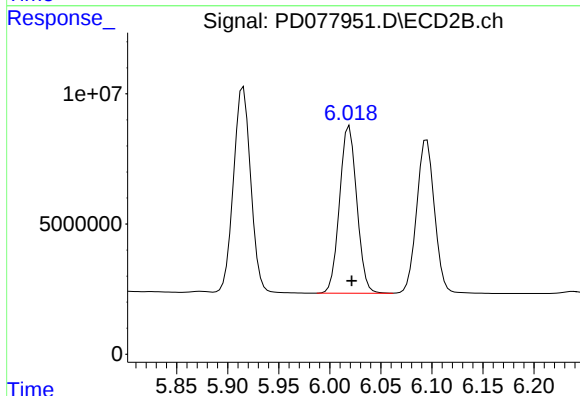
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: -0.003 min
Response: 121011303
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

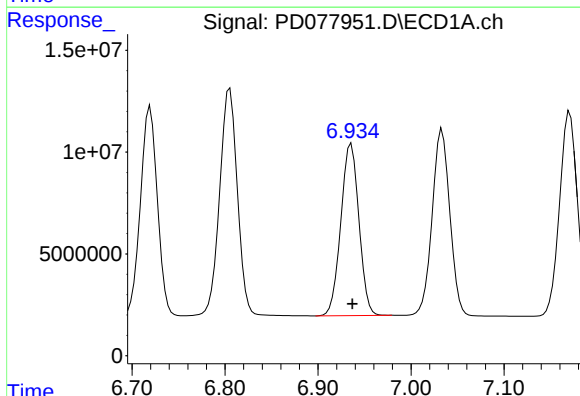
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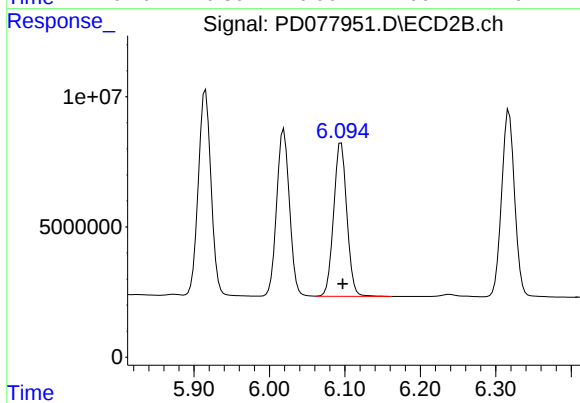
#17 4,4'-DDT

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 75699888
Conc: 53.58 ng/ml



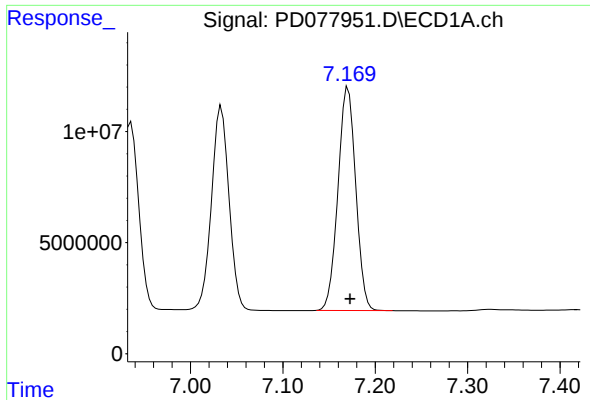
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: -0.001 min
Response: 113993352
Conc: 47.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 71807673
Conc: 53.20 ng/ml



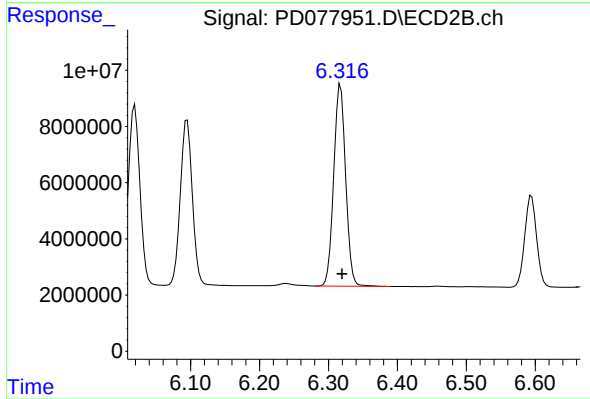
#19 Endosulfan Sulfate

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 134631622
Conc: 47.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

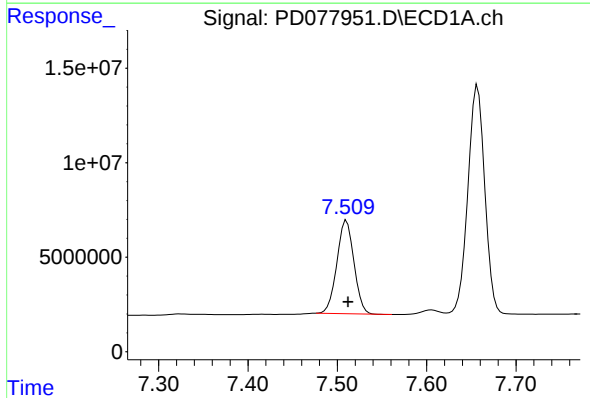
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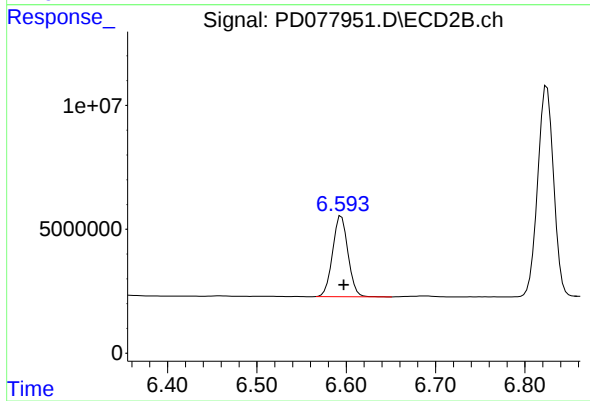
#19 Endosulfan Sulfate

R.T.: 6.318 min
Delta R.T.: -0.002 min
Response: 86207414
Conc: 53.84 ng/ml



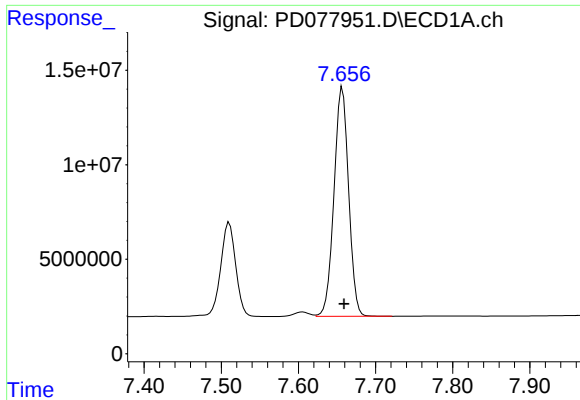
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: -0.002 min
Response: 65394662
Conc: 42.28 ng/ml



#20 Methoxychlor

R.T.: 6.595 min
Delta R.T.: -0.003 min
Response: 39018067
Conc: 50.40 ng/ml



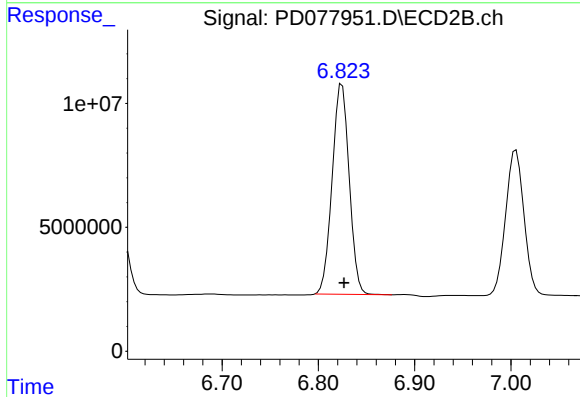
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 160053295
Conc: 49.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

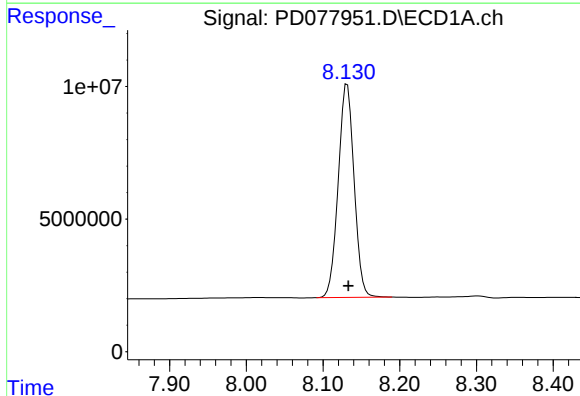
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



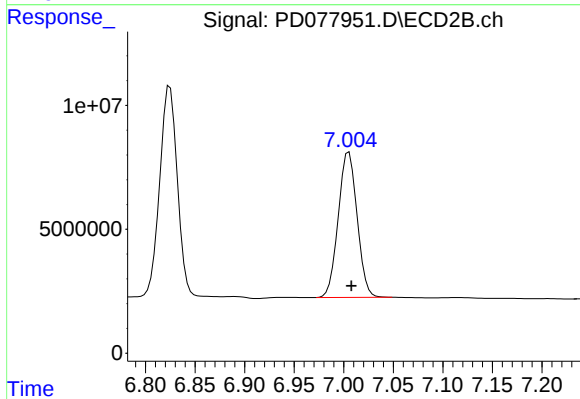
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 104521226
Conc: 55.28 ng/ml



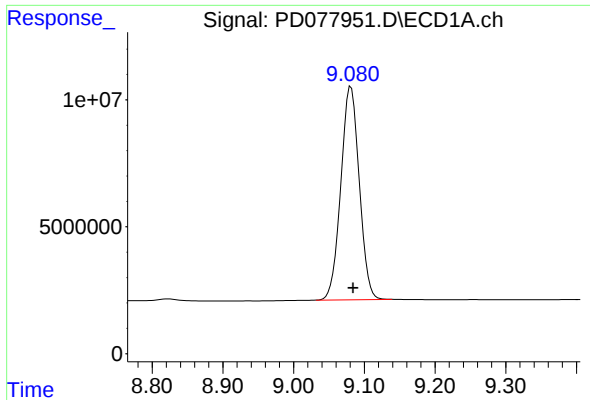
#22 Mirex

R.T.: 8.131 min
Delta R.T.: -0.002 min
Response: 115849519
Conc: 48.17 ng/ml



#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.002 min
Response: 77715945
Conc: 50.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.003 min
Response: 152144204
Conc: 49.95 ng/ml

Instrument :

ECD_D

ClientSampleId :

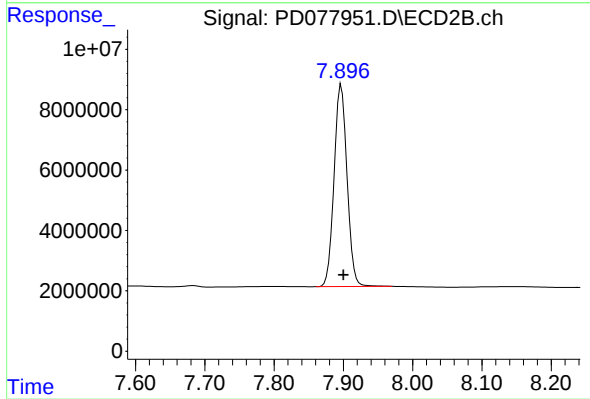
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.003 min
Response: 87072353
Conc: 50.46 ng/ml