

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091423\
 Data File : PD077930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2023 15:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 22:46:10 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...	3.547	2.758	134.0E6	86828830	52.781	54.898
28)	SA Decachlor...	9.090	7.900	161.8E6	94612589	53.099	54.828
Target Compounds							
2)	A alpha-BHC	4.005	3.260	228.4E6	131.1E6	55.523	56.668
3)	MA gamma-BHC...	4.338	3.591	217.2E6	126.4E6	54.895	56.565
4)	MA Heptachlor	4.929	3.930	213.3E6	127.0E6	54.453	56.459
5)	MB Aldrin	5.272	4.210	219.4E6	127.7E6	54.543	56.071
6)	B beta-BHC	4.535	3.888	82374549	47977899	51.044	53.831
7)	B delta-BHC	4.783	4.118	208.8E6	121.5E6	56.632m	56.056
8)	B Heptachlo...	5.699	4.712	186.4E6	114.2E6	52.127	56.319
9)	A Endosulfan I	6.086	5.082	174.4E6	106.6E6	53.038	56.926
10)	B gamma-Chl...	5.956	4.963	188.0E6	112.6E6	53.416	56.015
11)	B alpha-Chl...	6.035	5.027	189.0E6	112.6E6	53.108	55.906
12)	B 4,4'-DDE	6.208	5.215	171.8E6	98933677	53.357	54.202
13)	MA Dieldrin	6.362	5.347	190.3E6	115.8E6	53.486	56.721
14)	MA Endrin	6.592	5.623	151.5E6	96897496	49.962	53.496
15)	B Endosulfa...	6.812	5.918	157.8E6	96003342	50.929	56.108
16)	A 4,4'-DDD	6.727	5.770	134.4E6	75957573	52.459	54.356
17)	MA 4,4'-DDT	7.041	6.022	138.0E6	79841880	52.767	56.512
18)	B Endrin al...	6.942	6.097	118.7E6	73310791	49.937	54.311
19)	B Endosulfa...	7.178	6.320	145.2E6	89041498	51.148	55.608
20)	A Methoxychlor	7.517	6.597	74371890	39660953	48.083	51.226
21)	B Endrin ke...	7.664	6.826	171.8E6	108.9E6	52.852	57.601
22)	Mirex	8.138	7.008	125.3E6	84753504	52.100	55.349

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091423\
Data File : PD077930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2023 15:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

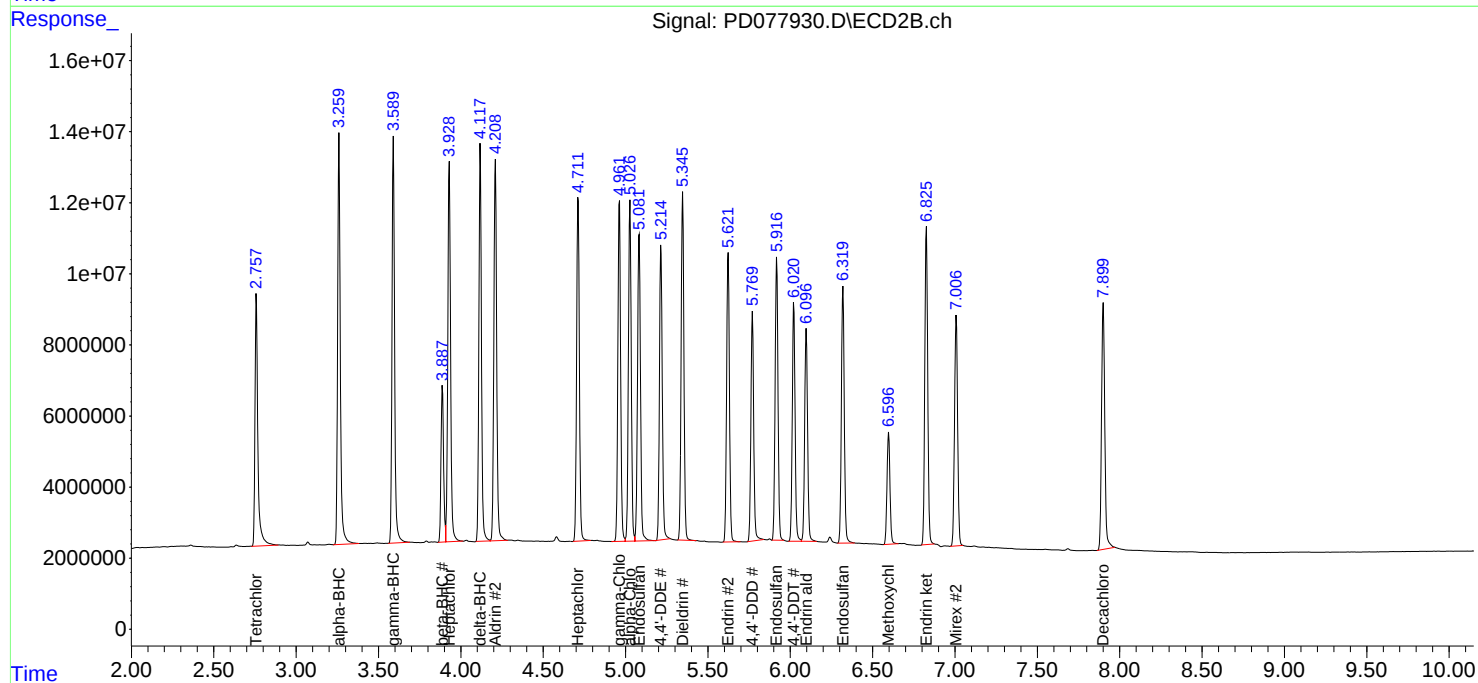
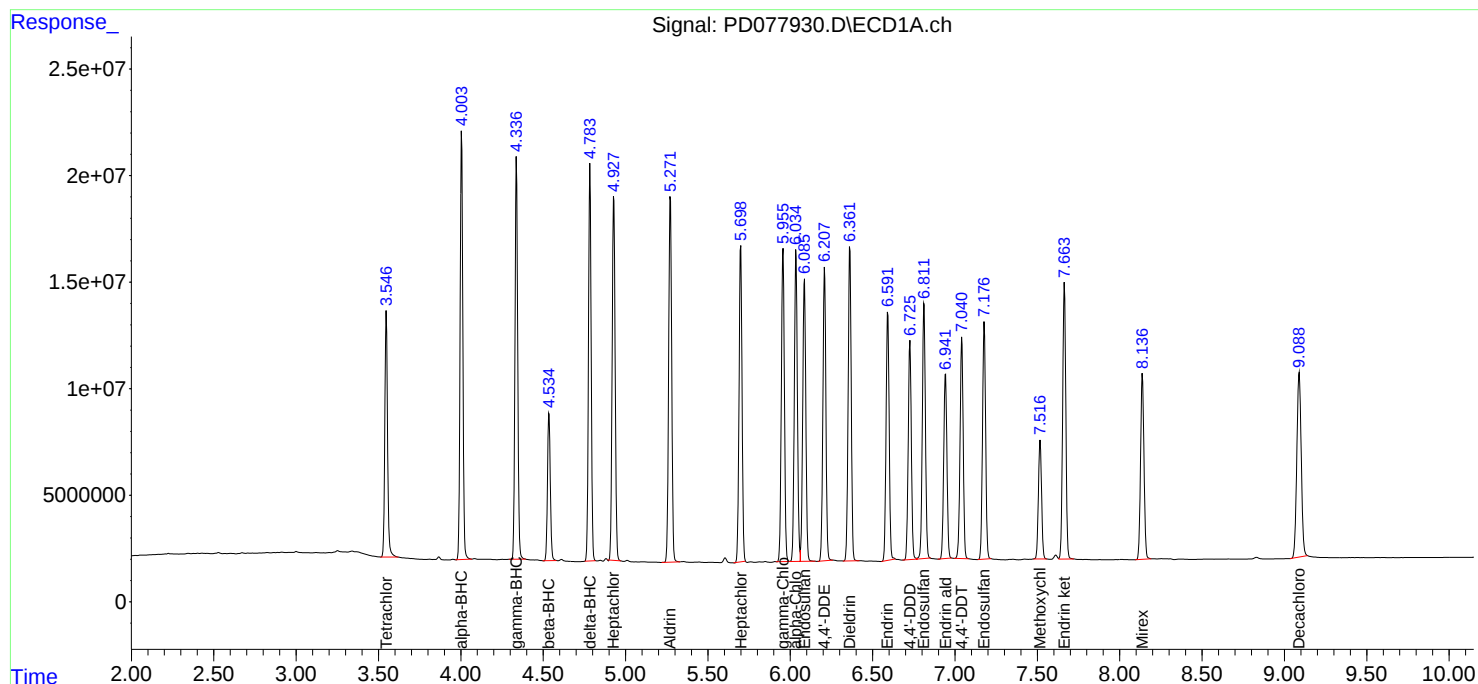
APPROVED

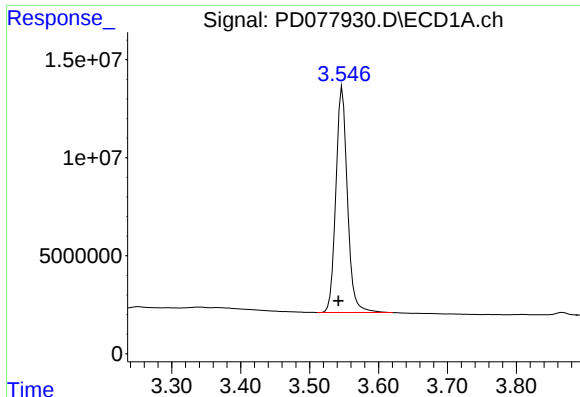
Reviewed By :Abdul Mirza 09/14/2023

Supervised By :Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 22:46:10 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.: 3.547 min
Delta R.T.: 0.005 min
Response: 134013138
Conc: 52.78 ng/ml

Instrument :

ECD_D

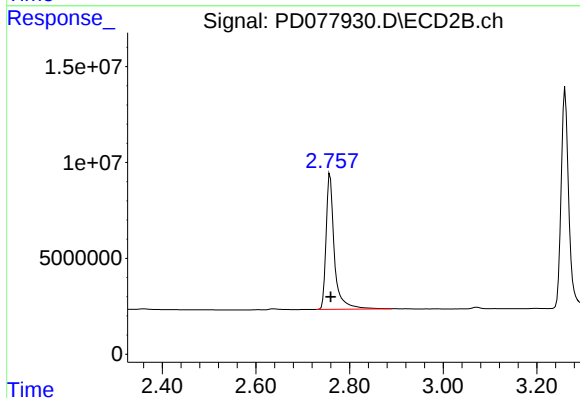
ClientSampleId :

PSTDCCC050

Manual Integrations

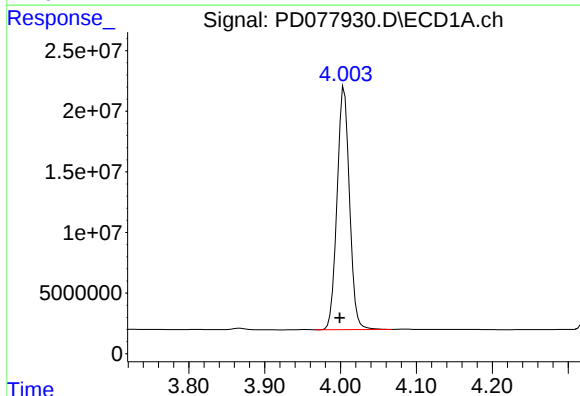
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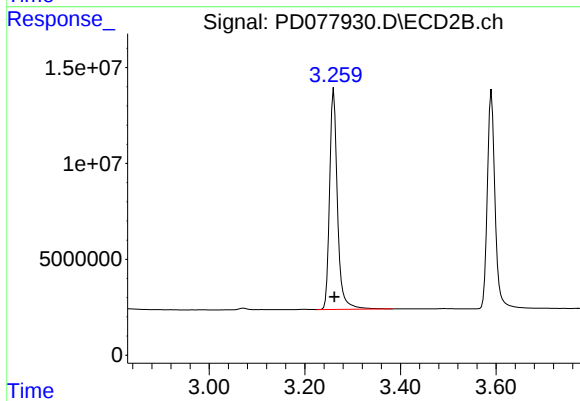
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: -0.002 min
Response: 86828830
Conc: 54.90 ng/ml



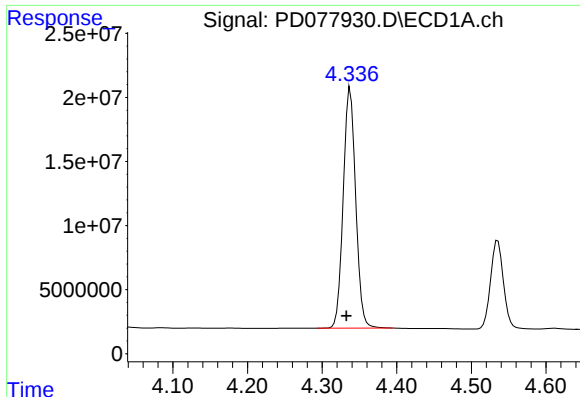
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.006 min
Response: 228428114
Conc: 55.52 ng/ml



#2 alpha-BHC

R.T.: 3.260 min
Delta R.T.: -0.001 min
Response: 131105188
Conc: 56.67 ng/ml



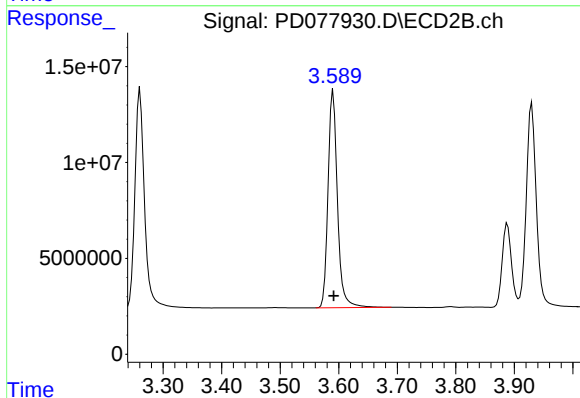
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.005 min
Response: 217161267
Conc: 54.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

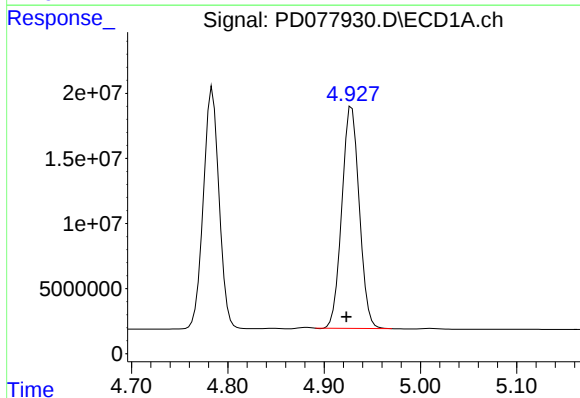
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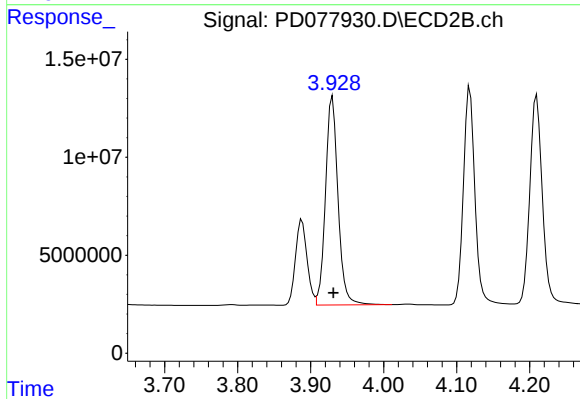
#3 gamma-BHC (Lindane)

R.T.: 3.591 min
Delta R.T.: -0.001 min
Response: 126449461
Conc: 56.57 ng/ml



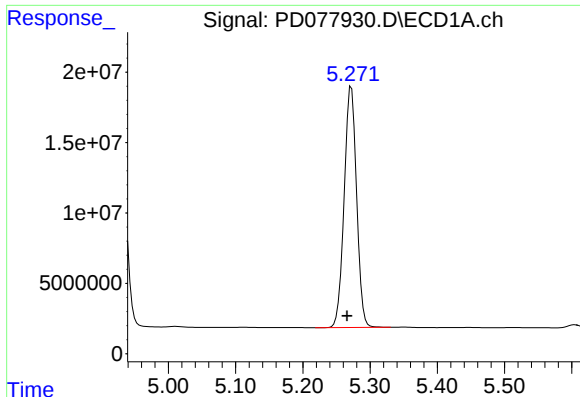
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.005 min
Response: 213344042
Conc: 54.45 ng/ml



#4 Heptachlor

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 126999508
Conc: 56.46 ng/ml



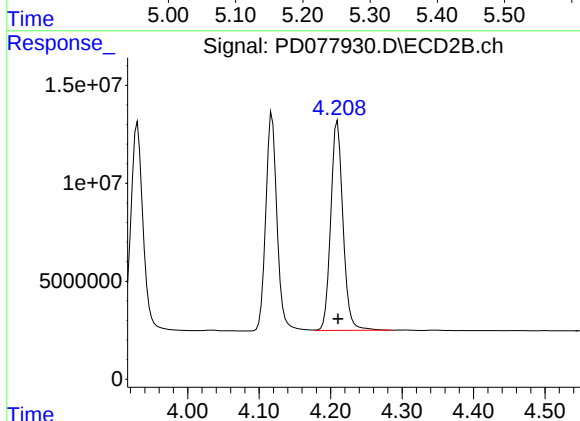
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.006 min
Response: 219363077
Conc: 54.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

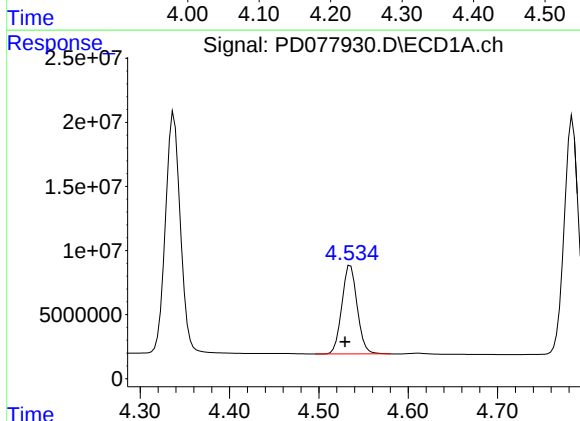
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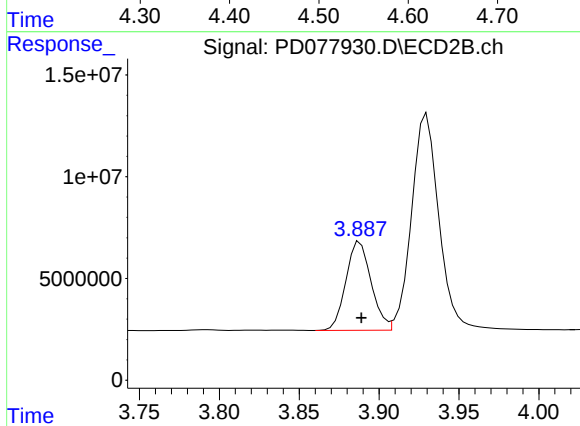
#5 Aldrin

R.T.: 4.210 min
Delta R.T.: -0.001 min
Response: 127730955
Conc: 56.07 ng/ml



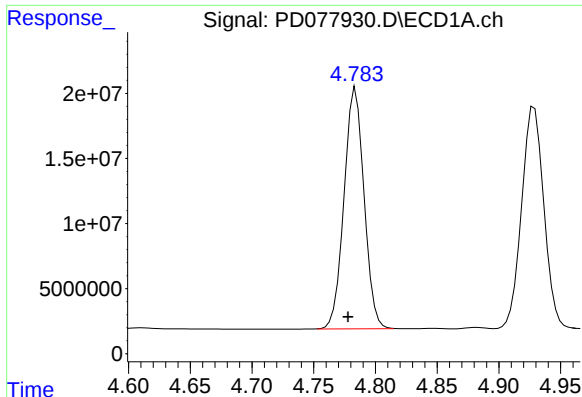
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.006 min
Response: 82374549
Conc: 51.04 ng/ml



#6 beta-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 47977899
Conc: 53.83 ng/ml



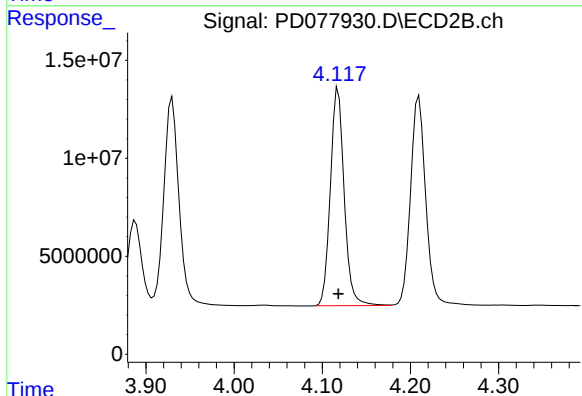
#7 delta-BHC

R.T.: 4.783 min
Delta R.T.: 0.005 min
Response: 208768917
Conc: 56.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

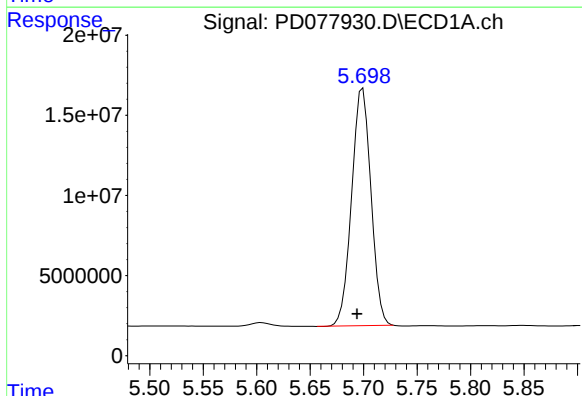
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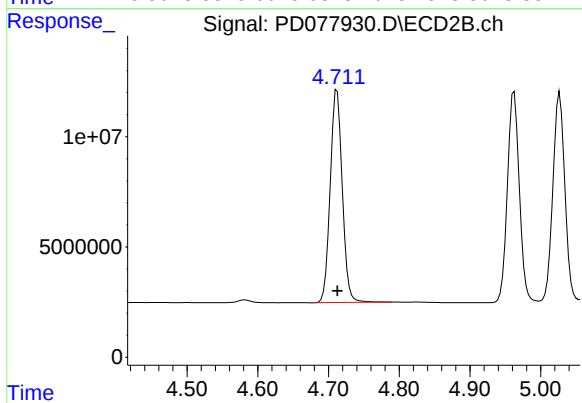
#7 delta-BHC

R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 121519967
Conc: 56.06 ng/ml



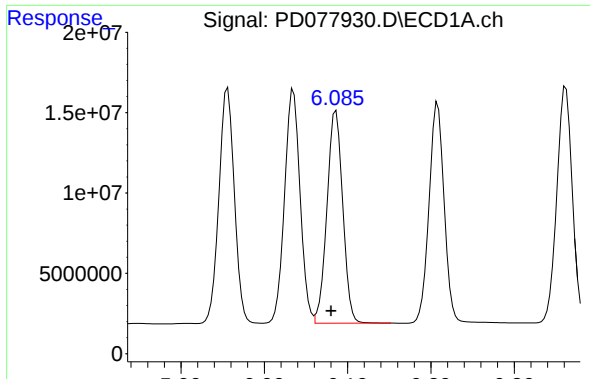
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.005 min
Response: 186383537
Conc: 52.13 ng/ml



#8 Heptachlor epoxide

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 114227228
Conc: 56.32 ng/ml



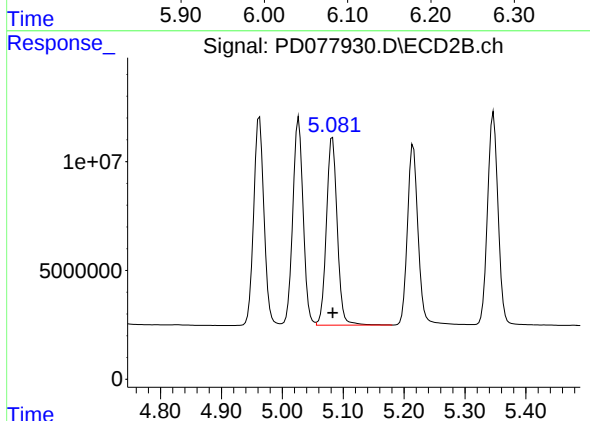
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: 0.006 min
Response: 174446415
Conc: 53.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

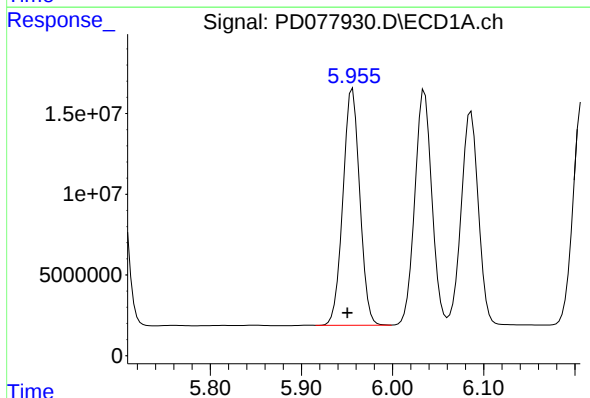
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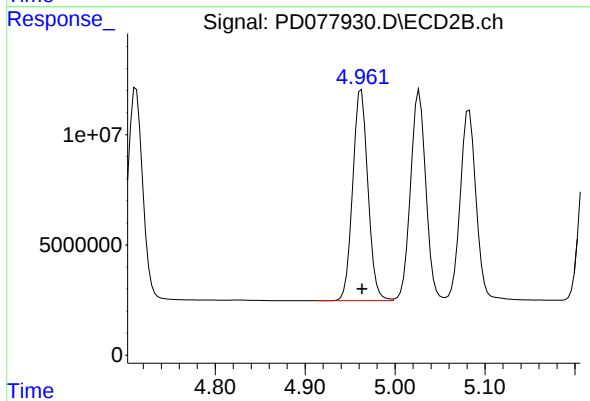
#9 Endosulfan I

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 106629819
Conc: 56.93 ng/ml



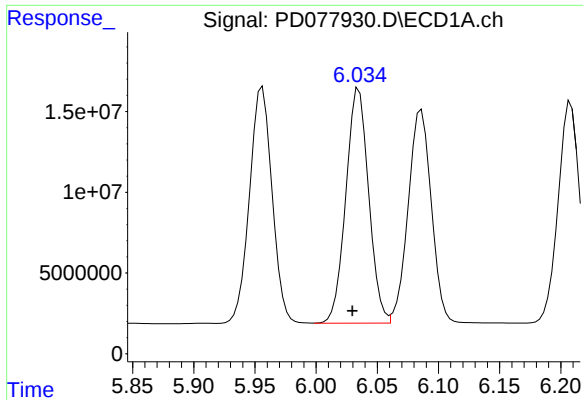
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.006 min
Response: 188042382
Conc: 53.42 ng/ml



#10 gamma-Chlordane

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 112599966
Conc: 56.01 ng/ml



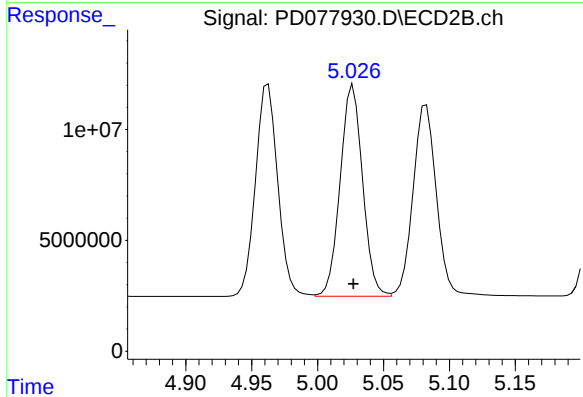
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 188974888
Conc: 53.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

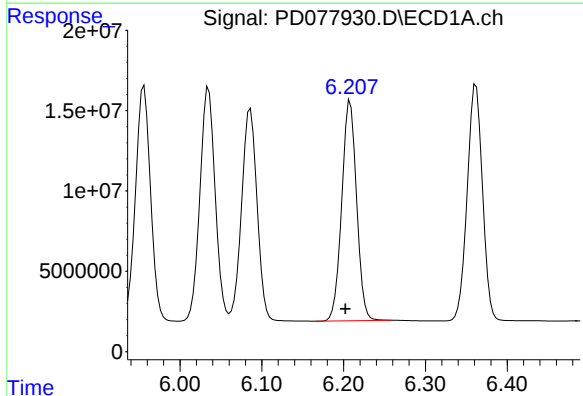
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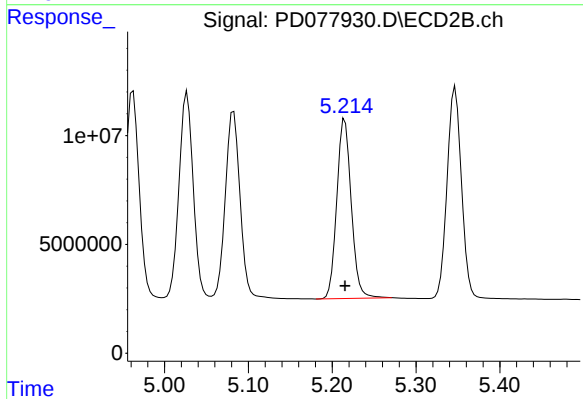
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 112634488
Conc: 55.91 ng/ml



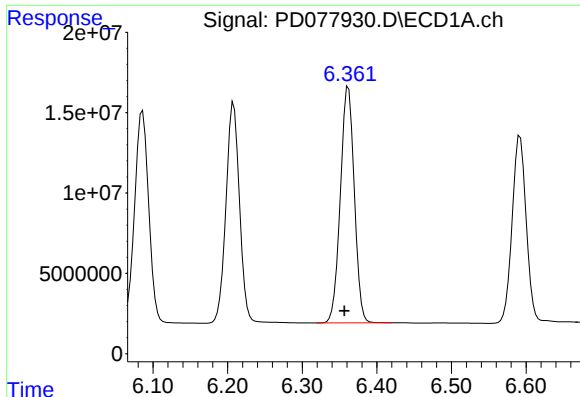
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.006 min
Response: 171789777
Conc: 53.36 ng/ml



#12 4,4'-DDE

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 98933677
Conc: 54.20 ng/ml



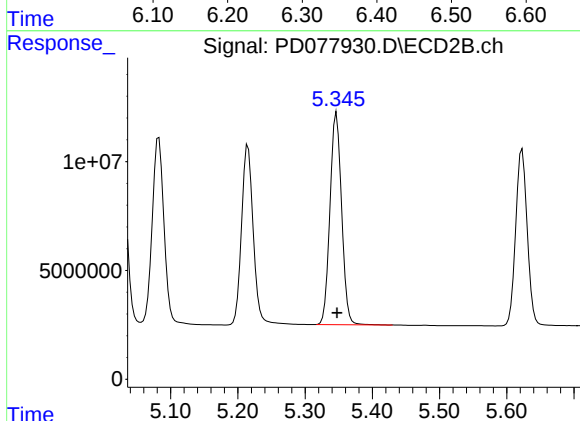
#13 Dieldrin

R.T.: 6.362 min
Delta R.T.: 0.006 min
Response: 190295530
Conc: 53.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

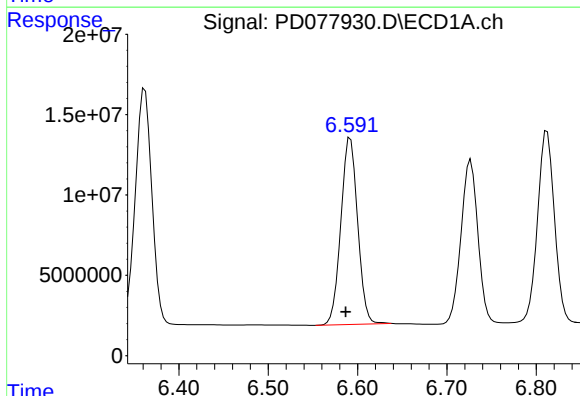
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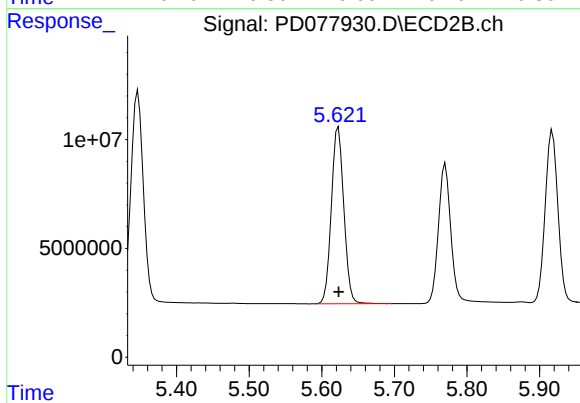
#13 Dieldrin

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 115813492
Conc: 56.72 ng/ml



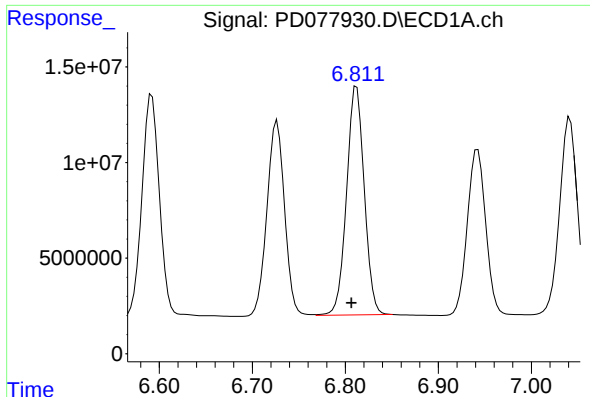
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.005 min
Response: 151545177
Conc: 49.96 ng/ml



#14 Endrin

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 96897496
Conc: 53.50 ng/ml



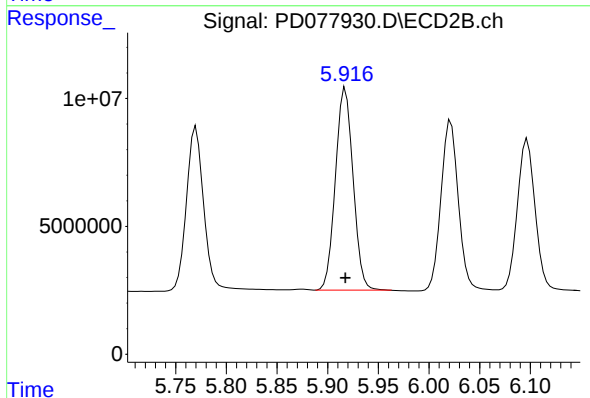
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.006 min
Response: 157811153
Conc: 50.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

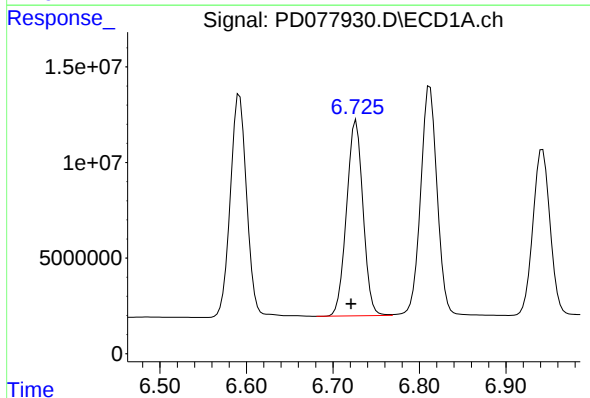
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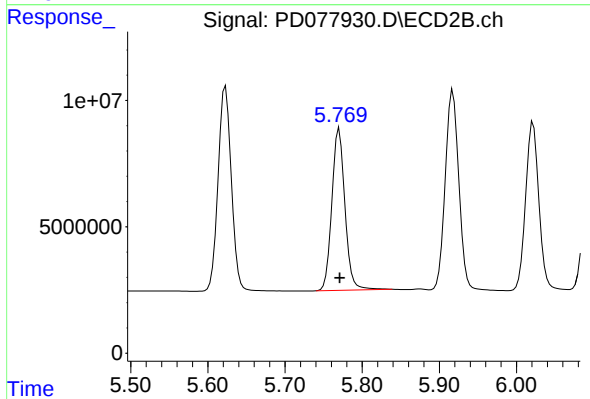
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 96003342
Conc: 56.11 ng/ml



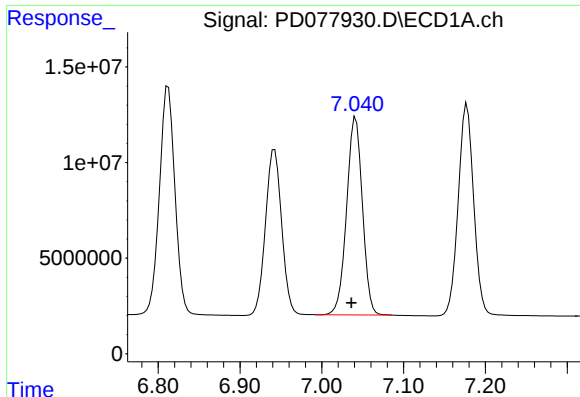
#16 4,4'-DDD

R.T.: 6.727 min
Delta R.T.: 0.006 min
Response: 134416036
Conc: 52.46 ng/ml



#16 4,4'-DDD

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 75957573
Conc: 54.36 ng/ml



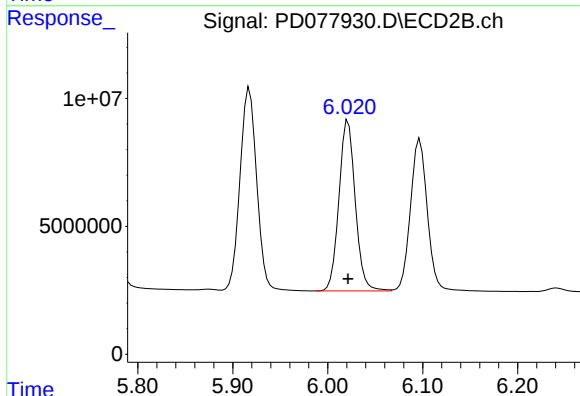
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: 0.005 min
Response: 138001617
Conc: 52.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

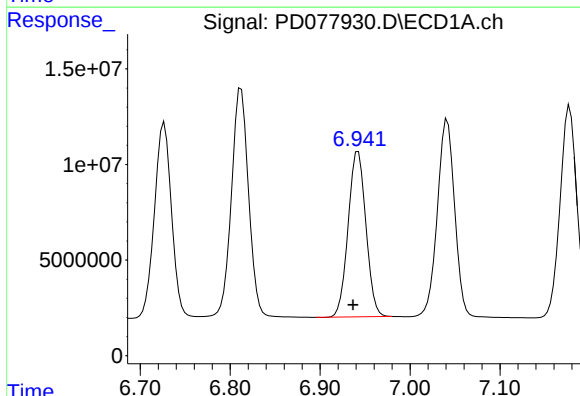
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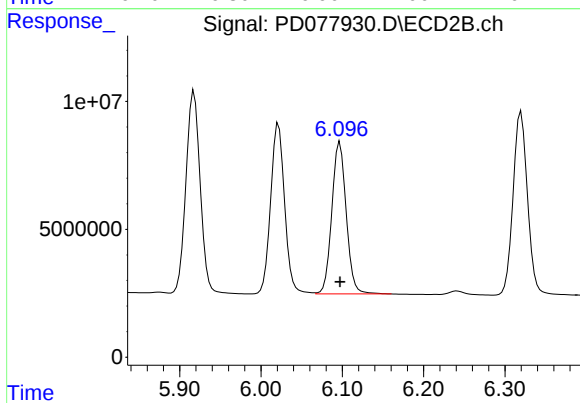
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 79841880
Conc: 56.51 ng/ml



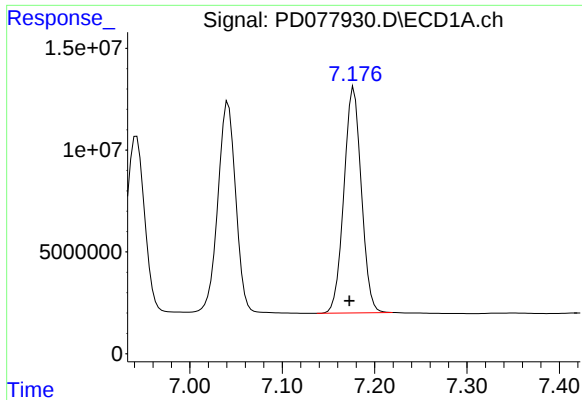
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.005 min
Response: 118669468
Conc: 49.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 73310791
Conc: 54.31 ng/ml



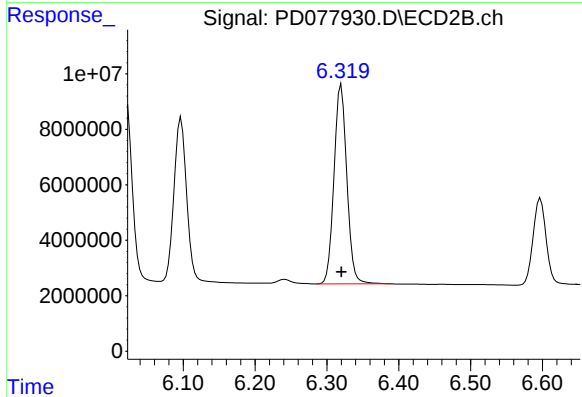
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: 0.005 min
Response: 145153629
Conc: 51.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

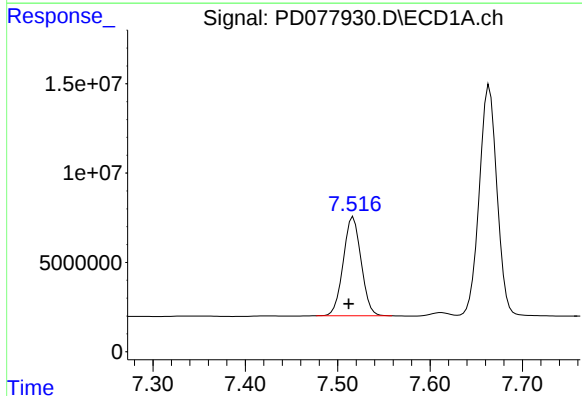
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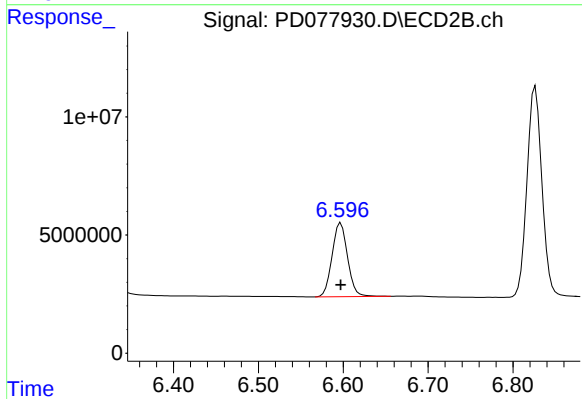
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 89041498
Conc: 55.61 ng/ml



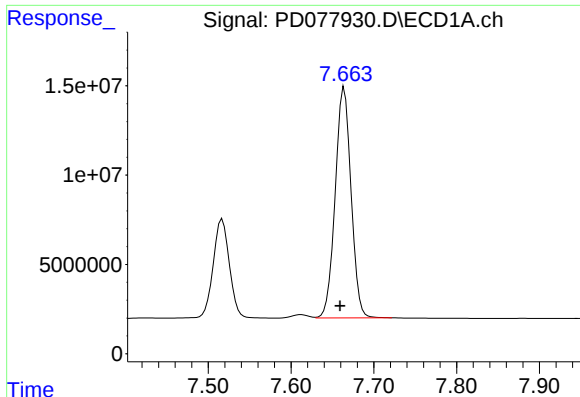
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.005 min
Response: 74371890
Conc: 48.08 ng/ml



#20 Methoxychlor

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 39660953
Conc: 51.23 ng/ml



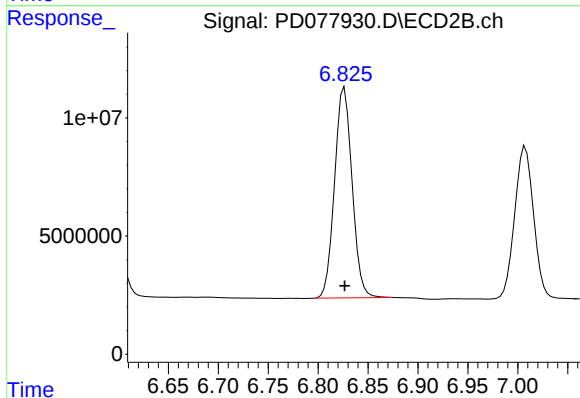
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: 0.005 min
Response: 171772826
Conc: 52.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

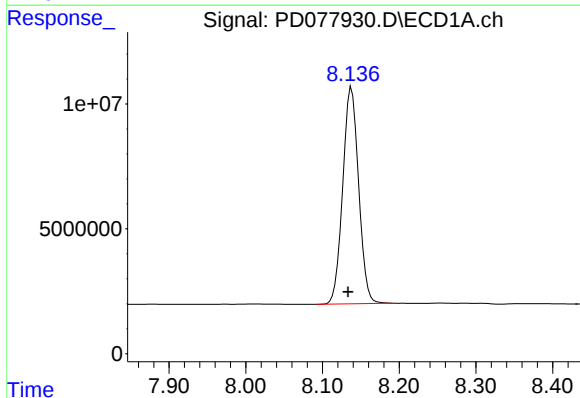
Manual Integrations
APPROVED

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



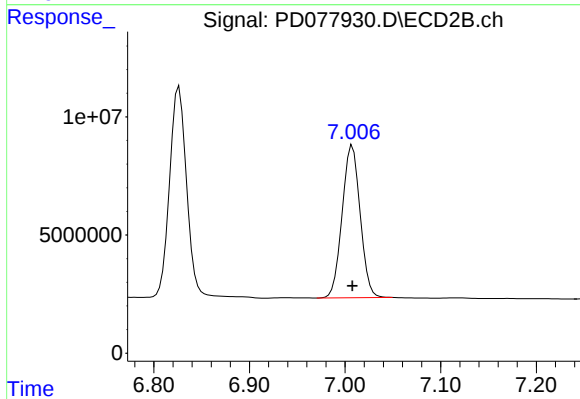
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 108909431
Conc: 57.60 ng/ml



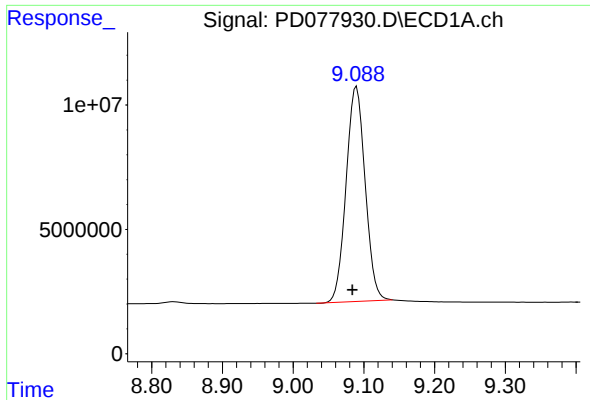
#22 Mirex

R.T.: 8.138 min
Delta R.T.: 0.004 min
Response: 125302681
Conc: 52.10 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 84753504
Conc: 55.35 ng/ml



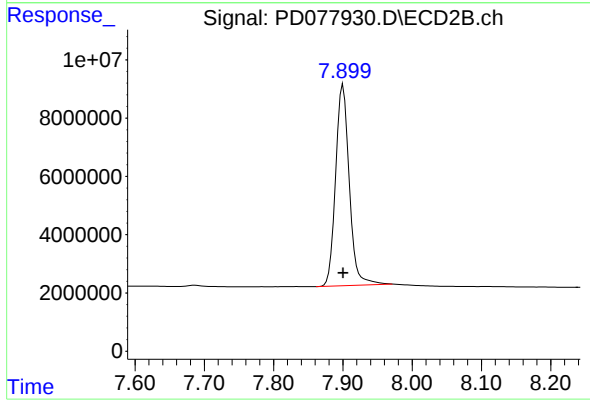
#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.006 min
Response: 161752006
Conc: 53.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 94612589
Conc: 54.83 ng/ml