

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082223\
 Data File : PD077331.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 13:21
 Operator : AR\AJ
 Sample : 04100-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/23/2023
 Supervised By :Ankita Jodhani 08/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 00:51:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 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...	3.543	2.763	20534922	16275498	8.677	11.949 #
28)	SA Decachlor...	9.081	7.902	27795692	13493972	10.144	9.429
Target Compounds							
2)	A alpha-BHC	4.000	3.264	115.5E6	56166506	30.075	29.036
3)	MA gamma-BHC...	4.332	3.594	110.4E6	52303026	30.000m	28.115
4)	MA Heptachlor	4.923	3.933	117.1E6	50533363	32.471m	27.817
5)	MB Aldrin	5.267	4.213	108.9E6	55082491	29.457	29.748
6)	B beta-BHC	4.531	3.891	41028704	20855331	27.265	27.337
7)	B delta-BHC	4.778	4.120	112.5E6	46858817	32.238	26.336
8)	B Heptachlo...	5.695	4.715	107.3E6	41574496	32.403	24.861
9)	A Endosulfan I	6.082	5.085	111.6E6	43388030	36.725	27.814
10)	B gamma-Chl...	5.950	4.965	102.5E6	48051944	31.478m	28.968
11)	B alpha-Chl...	6.029	5.029	110.7E6	43836454	33.754m	26.250
12)	B 4,4'-DDE	6.203	5.218	98733855	48393772	33.283	33.371
13)	MA Dieldrin	6.357	5.350	103.6E6	51368720	31.632	30.494
14)	MA Endrin	6.586	5.625	95219823	42863001	34.268m	29.294
15)	B Endosulfa...	6.807	5.918	77650051	53902389	24.405	36.568m#
16)	A 4,4'-DDD	6.720	5.771	113.8E6	34388288	48.379m	30.923m#
17)	MA 4,4'-DDT	7.035	6.024	99708123	39117072	41.005m	35.190
18)	B Endrin al...	6.938	6.099	74589830	28313937	34.145	24.872 #
19)	B Endosulfa...	7.172	6.322	91654650	49077307	35.179m	36.798
20)	A Methoxychlor	7.513	6.599	53445115	19809534	37.721	33.130
21)	B Endrin ke...	7.659	6.829	116.7E6	42096378	38.742	26.551 #
22)	Mirex	8.132	7.010	86834420	31632307	38.070m	24.430 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082223\
Data File : PD077331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2023 13:21
Operator : AR\AJ
Sample : 04100-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

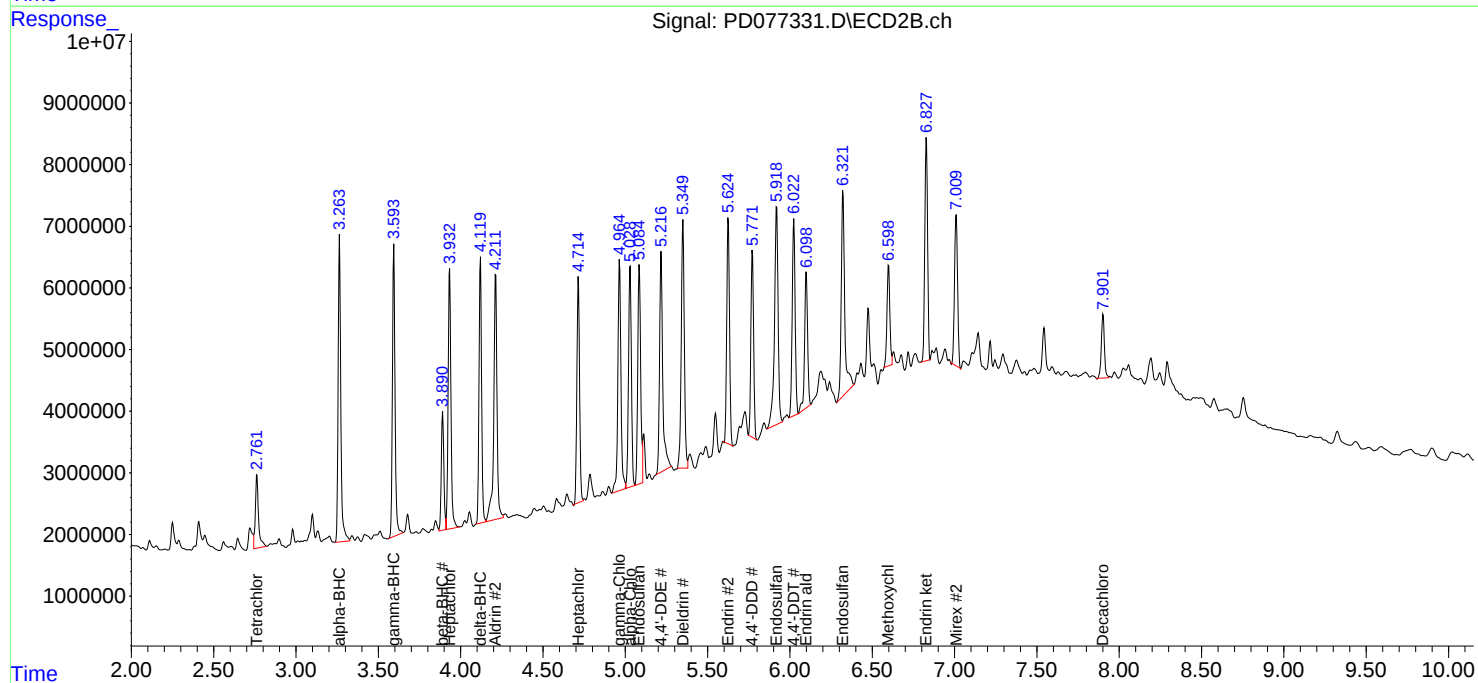
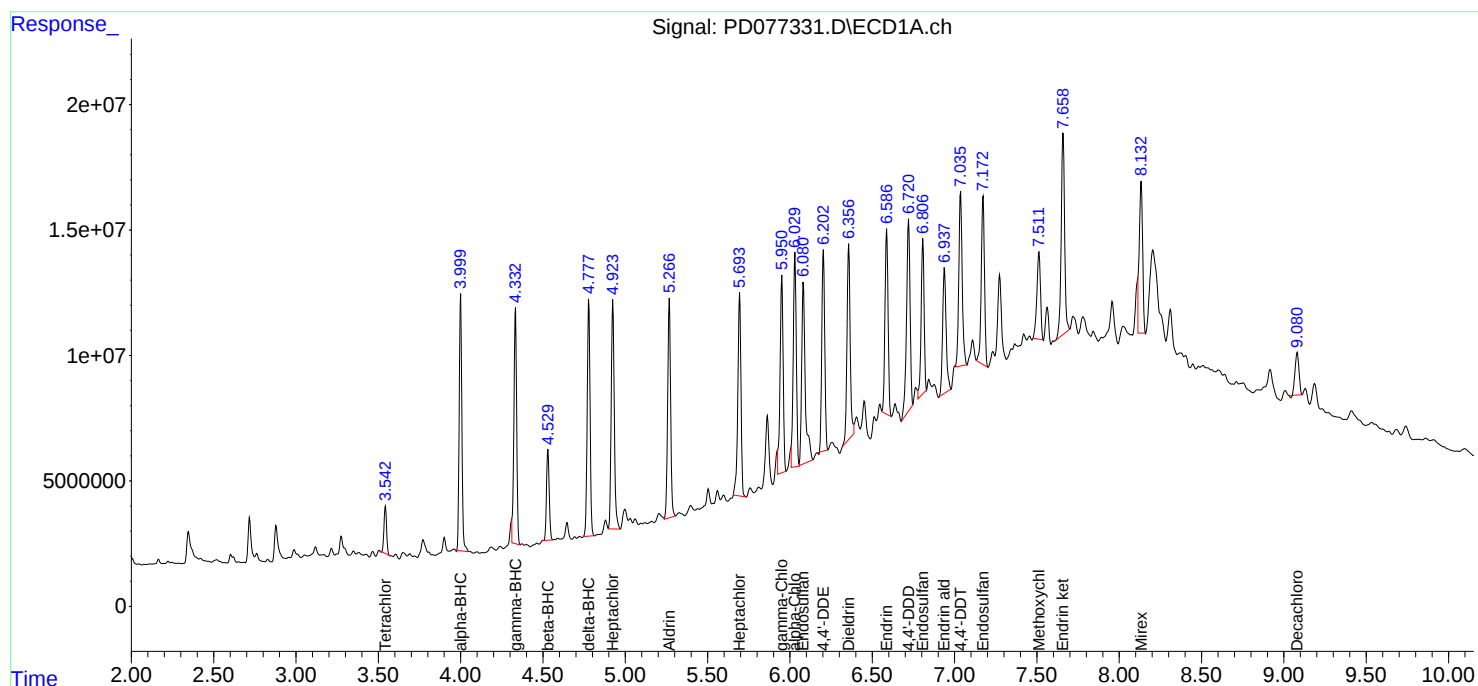
Instrument :
ECD_D
ClientSampleId :
WC-1MSD

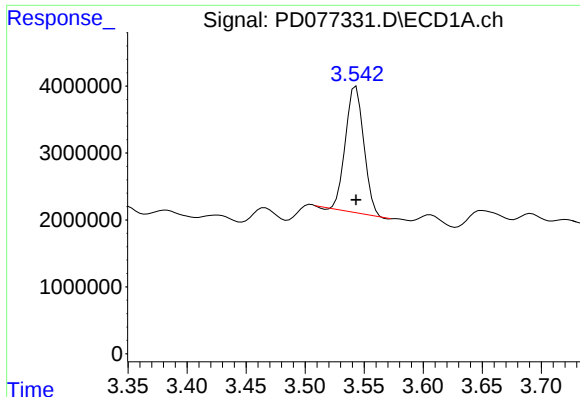
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 00:51:42 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 14:17:41 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





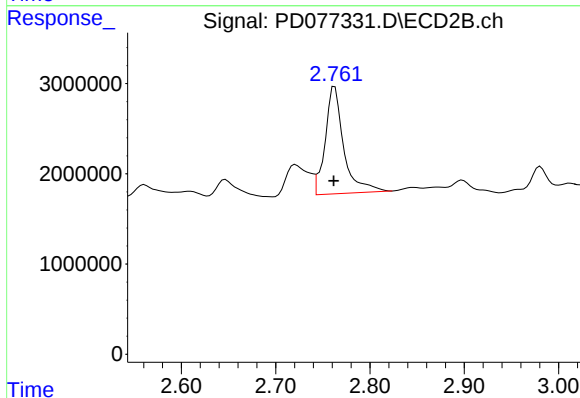
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 20534922
Conc: 8.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

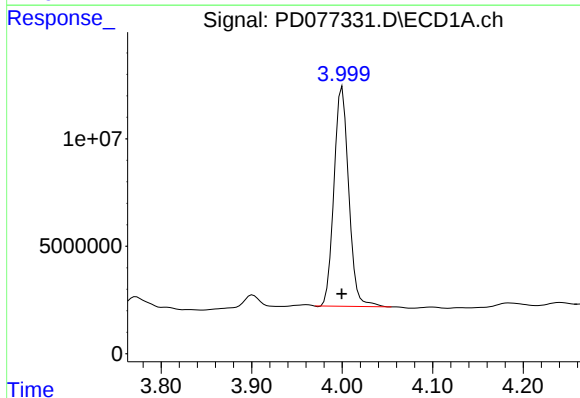
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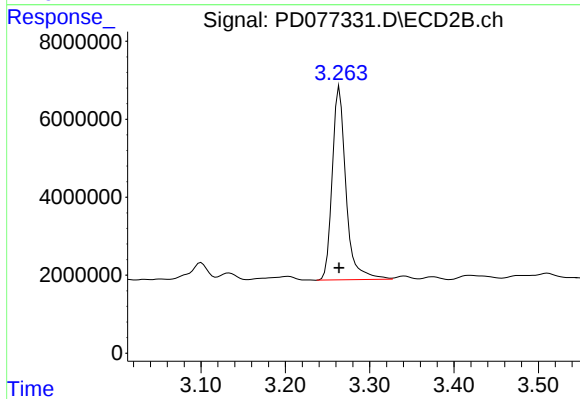
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: 0.000 min
Response: 16275498
Conc: 11.95 ng/ml



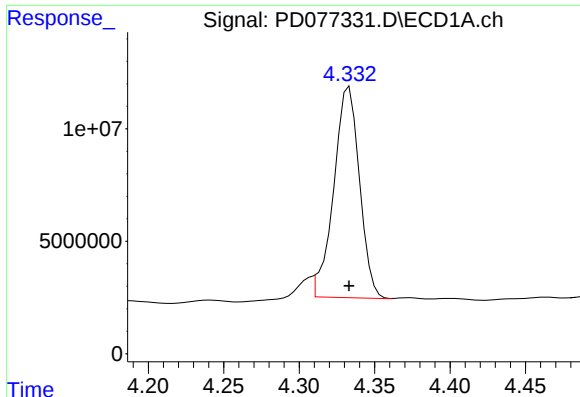
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 115479274
Conc: 30.07 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 56166506
Conc: 29.04 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: -0.001 min
Response: 110422050
Conc: 30.00 ng/ml

Instrument :

ECD_D

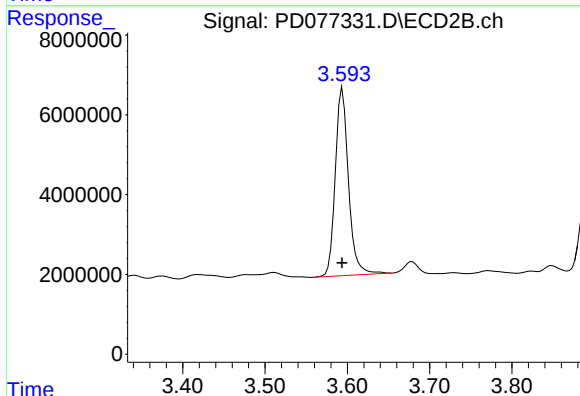
ClientSampleId :

WC-1MSD

Manual Integrations

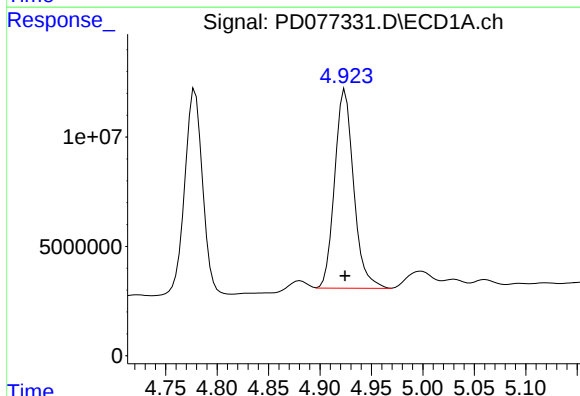
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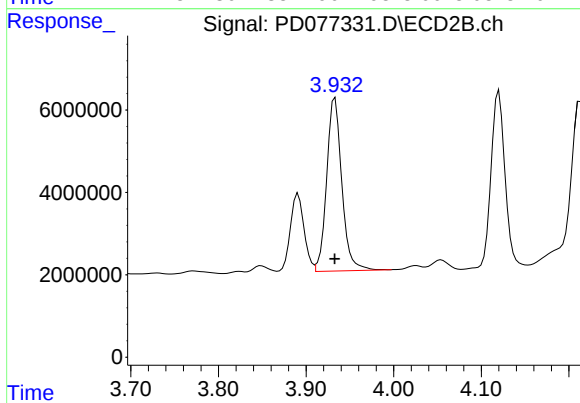
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 52303026
Conc: 28.11 ng/ml



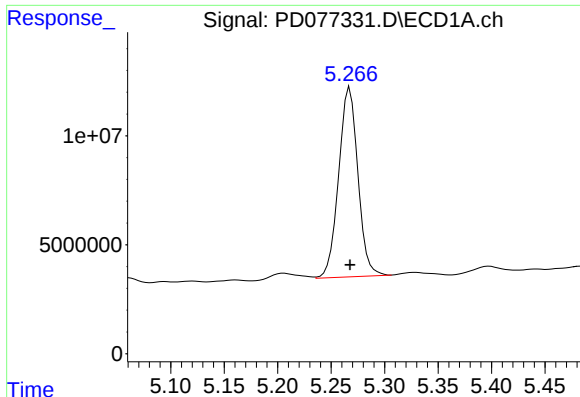
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 117090690
Conc: 32.47 ng/ml m



#4 Heptachlor

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 50533363
Conc: 27.82 ng/ml



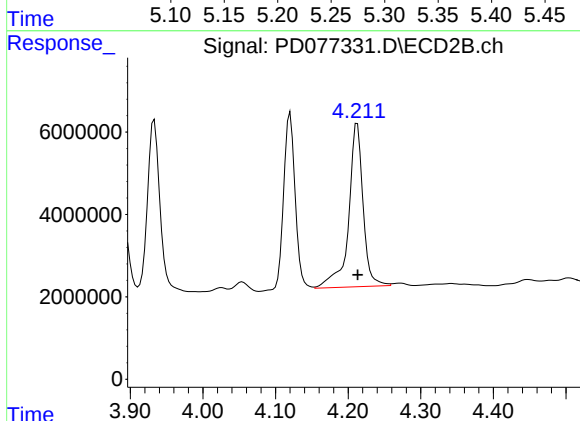
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 108861256
Conc: 29.46 ng/ml

Instrument :
ECD_D
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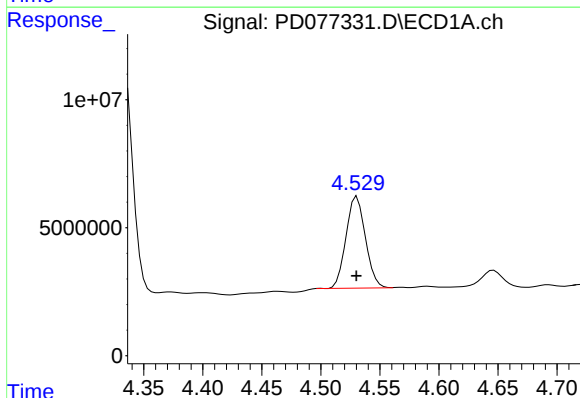
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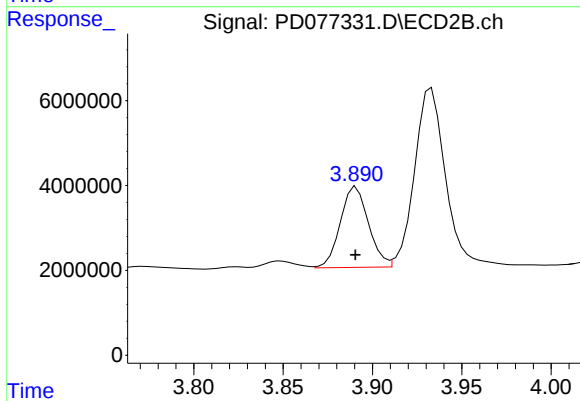
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 55082491
Conc: 29.75 ng/ml



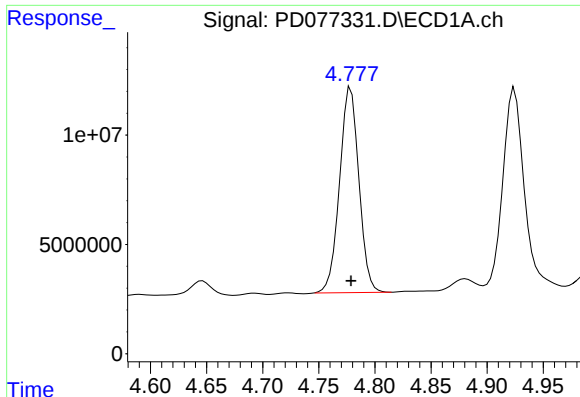
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 41028704
Conc: 27.26 ng/ml



#6 beta-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 20855331
Conc: 27.34 ng/ml



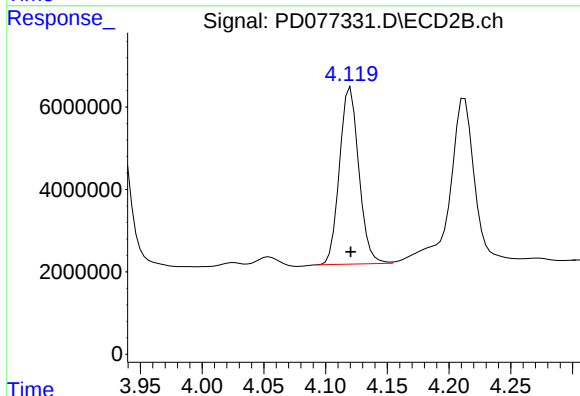
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 112468150
Conc: 32.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

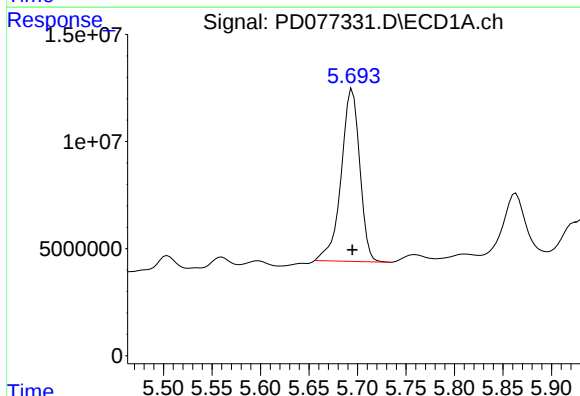
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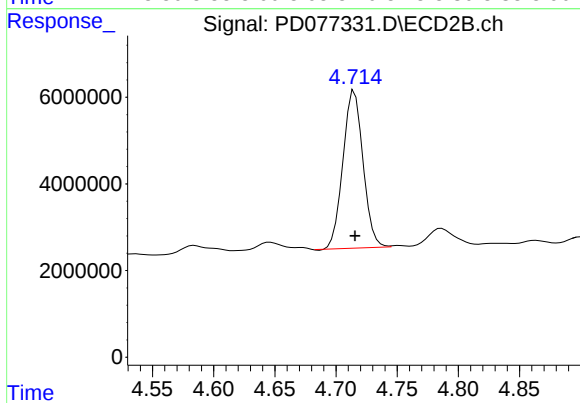
#7 delta-BHC

R.T.: 4.120 min
Delta R.T.: 0.000 min
Response: 46858817
Conc: 26.34 ng/ml



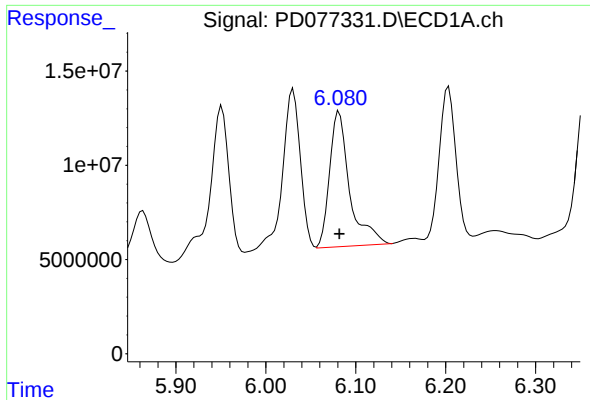
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 107292024
Conc: 32.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 41574496
Conc: 24.86 ng/ml



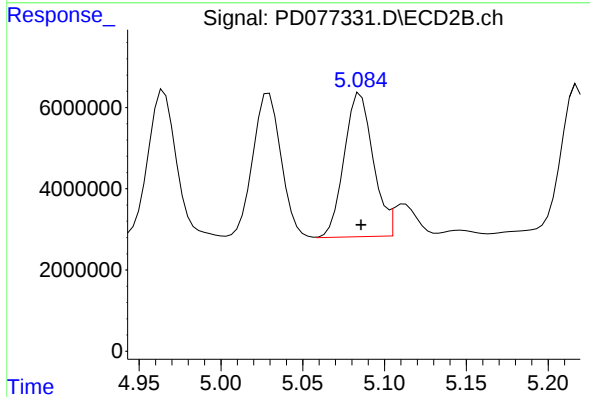
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 111613758
Conc: 36.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

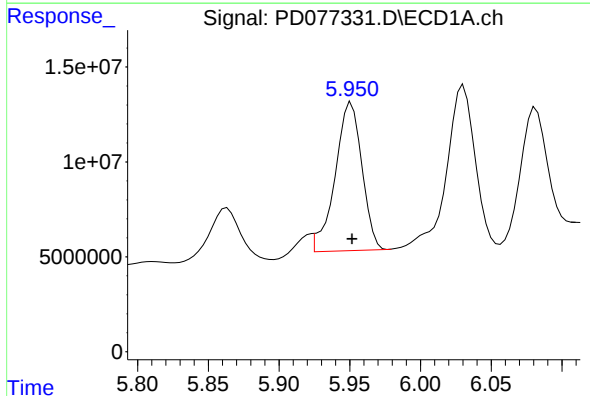
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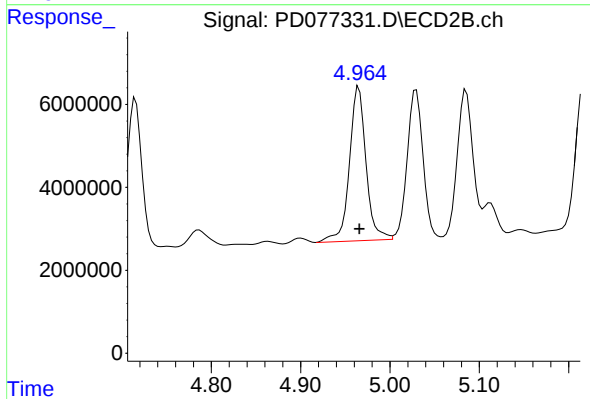
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 43388030
Conc: 27.81 ng/ml



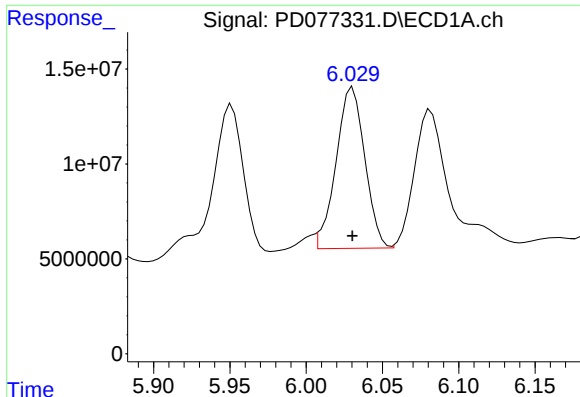
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 102450927
Conc: 31.48 ng/ml m



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 48051944
Conc: 28.97 ng/ml



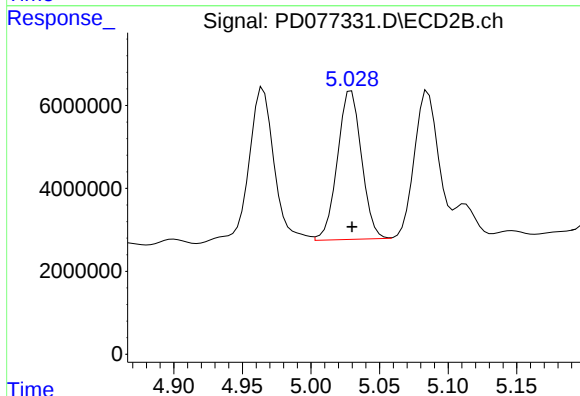
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: -0.001 min
Response: 110685508
Conc: 33.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

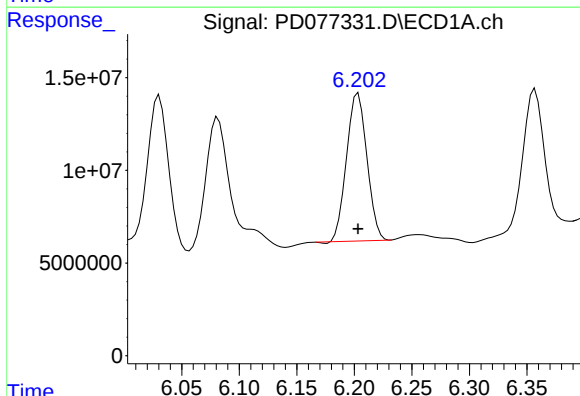
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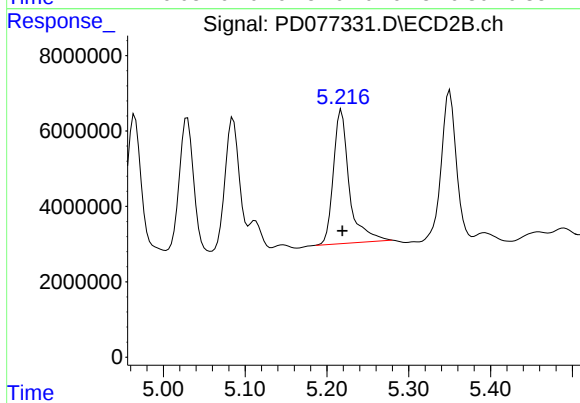
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: 0.000 min
Response: 43836454
Conc: 26.25 ng/ml



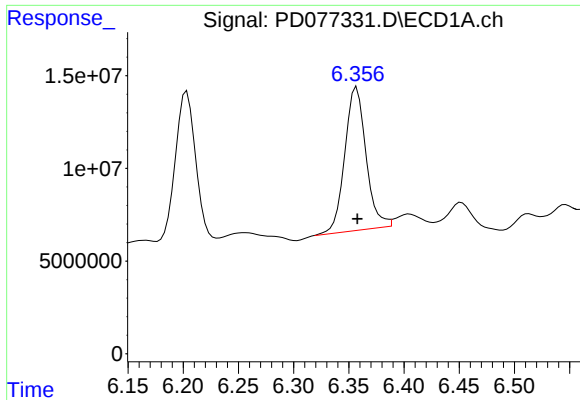
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 98733855
Conc: 33.28 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.001 min
Response: 48393772
Conc: 33.37 ng/ml



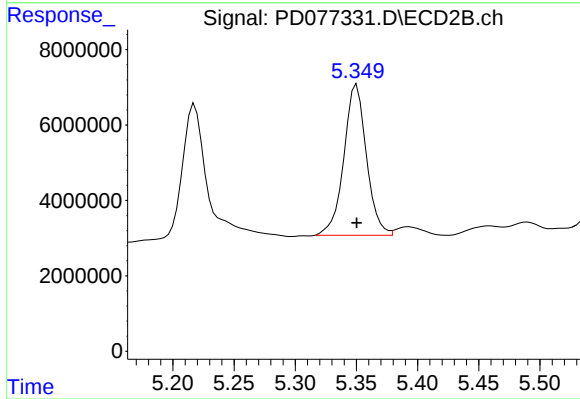
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 103557315
Conc: 31.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

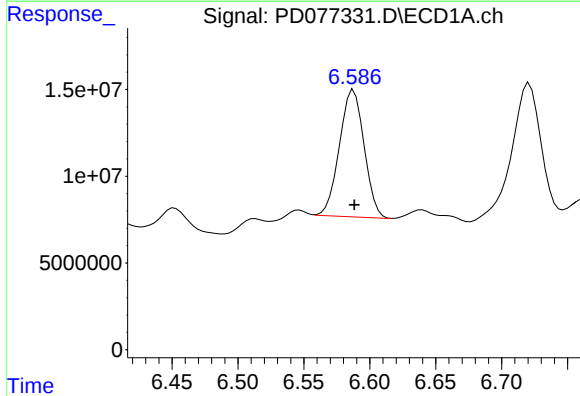
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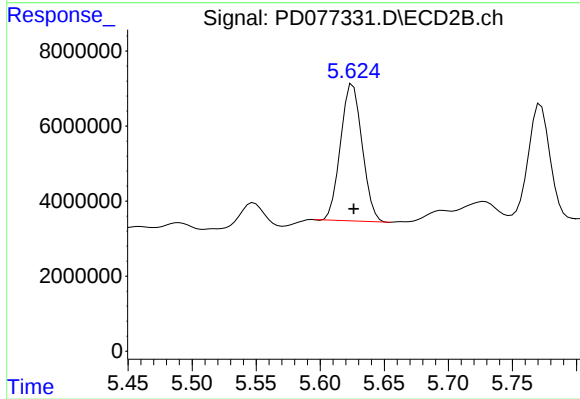
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 51368720
Conc: 30.49 ng/ml



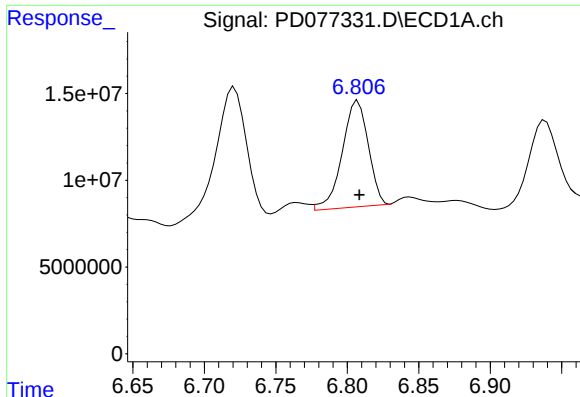
#14 Endrin

R.T.: 6.586 min
Delta R.T.: -0.002 min
Response: 95219823
Conc: 34.27 ng/ml m



#14 Endrin

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 42863001
Conc: 29.29 ng/ml



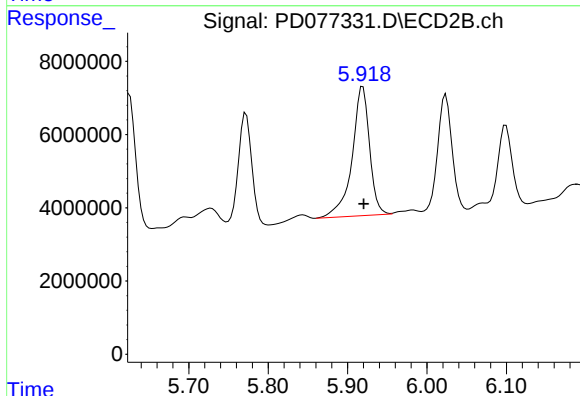
#15 Endosulfan II

R.T.: 6.807 min
Delta R.T.: -0.001 min
Response: 77650051
Conc: 24.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

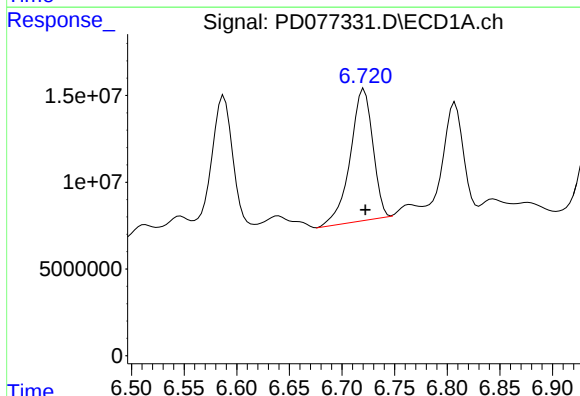
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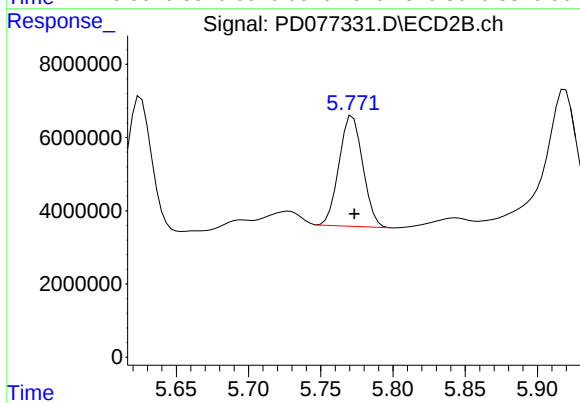
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 53902389
Conc: 36.57 ng/ml m



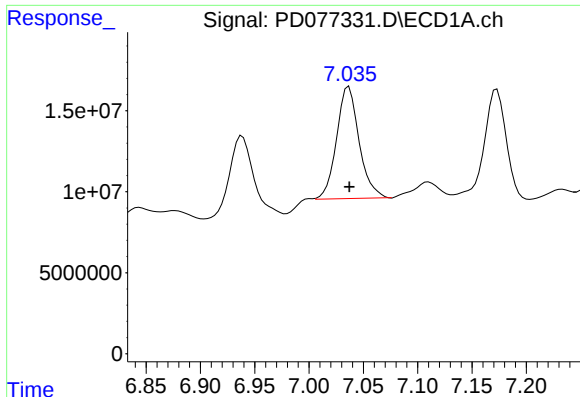
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.003 min
Response: 113816376
Conc: 48.38 ng/ml m



#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 34388288
Conc: 30.92 ng/ml m



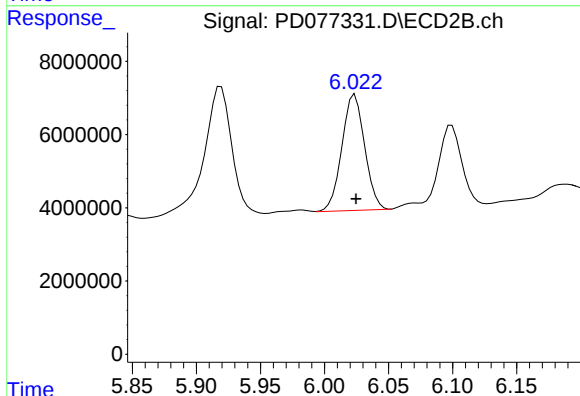
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: -0.002 min
Response: 99708123
Conc: 41.00 ng/ml

Instrument :
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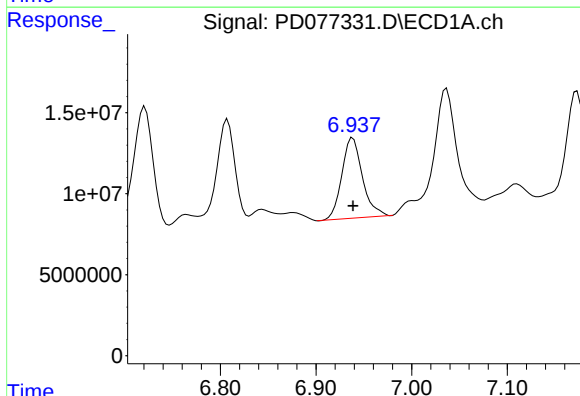
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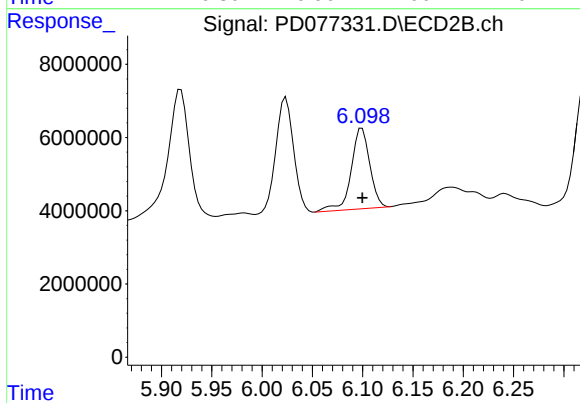
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 39117072
Conc: 35.19 ng/ml



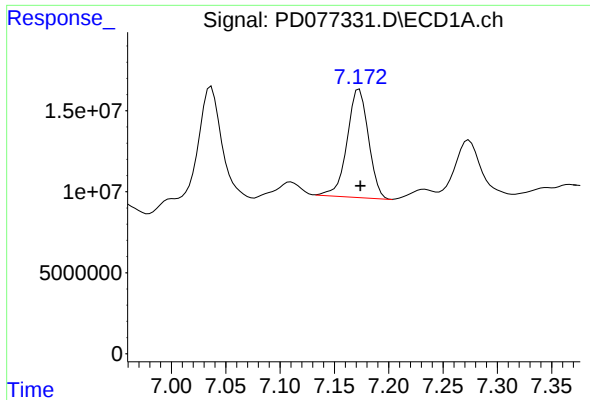
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 74589830
Conc: 34.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 28313937
Conc: 24.87 ng/ml



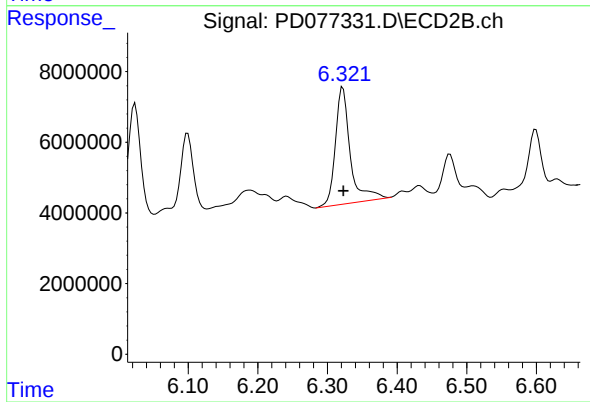
#19 Endosulfan Sulfate

R.T.: 7.172 min
Delta R.T.: -0.002 min
Response: 91654650
Conc: 35.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

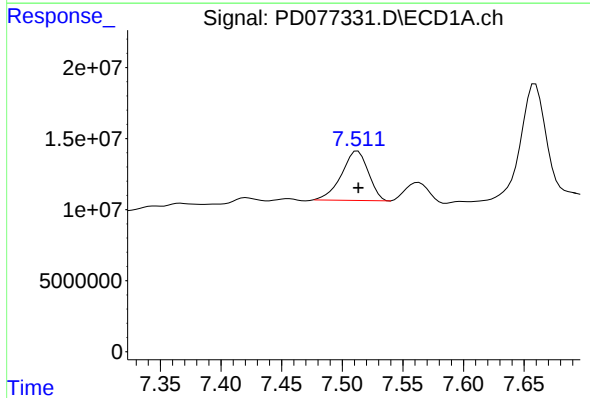
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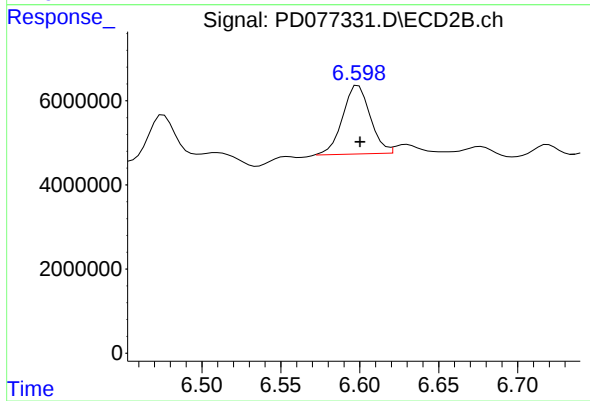
#19 Endosulfan Sulfate

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 49077307
Conc: 36.80 ng/ml



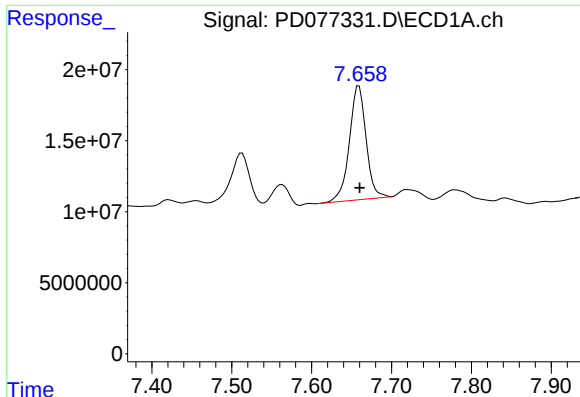
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 53445115
Conc: 37.72 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 19809534
Conc: 33.13 ng/ml



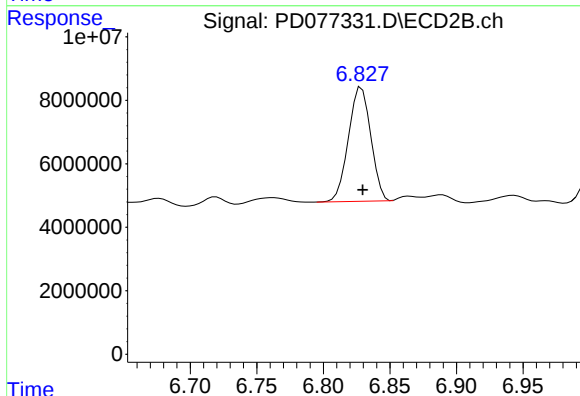
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.001 min
Response: 116681671
Conc: 38.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

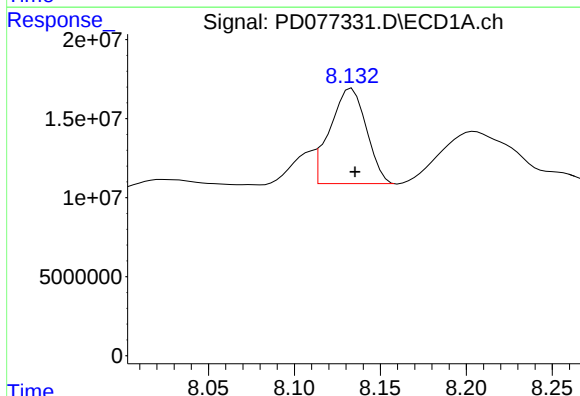
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/23/2023
Supervised By :Ankita Jodhani 08/23/2023



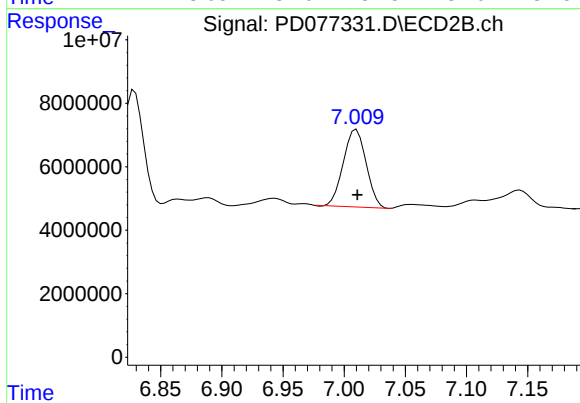
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 42096378
Conc: 26.55 ng/ml



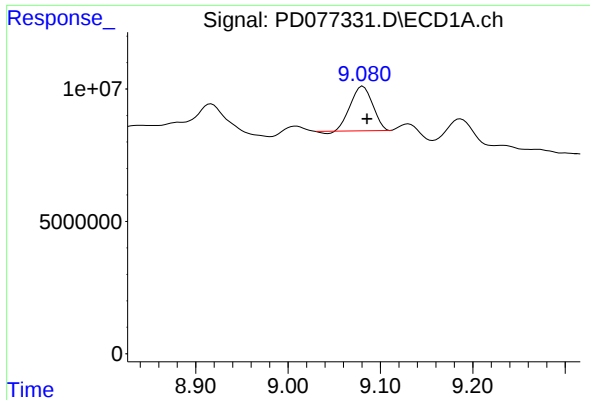
#22 Mirex

R.T.: 8.132 min
Delta R.T.: -0.003 min
Response: 86834420
Conc: 38.07 ng/ml m



#22 Mirex

R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 31632307
Conc: 24.43 ng/ml



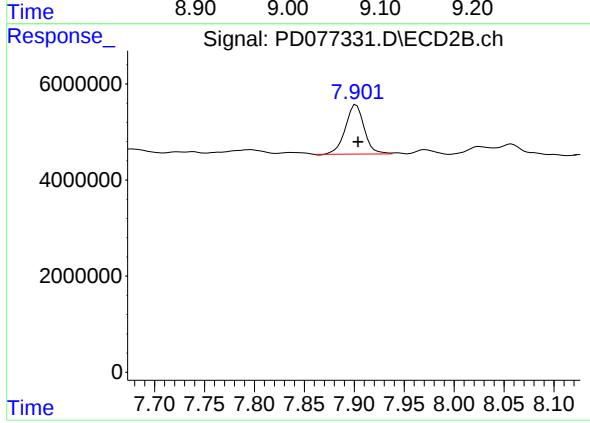
#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.005 min
Response: 27795692
Conc: 10.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 13493972
Conc: 9.43 ng/ml