

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 19:06
 Operator : AR\AJ
 Sample : 03972-08MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 356MSD

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 05:07:21 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	2.761	35818141	157.8E6	14.107m	99.766m#
2)	SA Decachlor...	9.082	7.899	54836076	28540558	18.001	16.539
Target Compounds							
2)	A alpha-BHC	4.000	3.261	193.2E6	66541057	46.952	28.761m#
3)	MA gamma-BHC...	4.330	3.589	249.1E6	123.8E6	62.966	55.374m
4)	MA Heptachlor	4.921	3.931	143.1E6	93754696	36.521m	41.680m
5)	MB Aldrin	5.266	4.209	191.0E6	77277503	47.482	33.923m#
6)	B beta-BHC	4.531	3.885	41750782	48622775	25.871m	54.555m#
7)	B delta-BHC	4.777	4.119	181.8E6	82062183	49.315	37.854
8)	B Heptachlo...	5.695	4.712	181.6E6	72254783	50.800	35.625m#
9)	A Endosulfan I	6.080	5.083	112.1E6	75972700	34.077m	40.559
10)	B gamma-Chl...	5.949	4.962	111.7E6	90085897	31.725m	44.815m#
11)	B alpha-Chl...	6.029	5.027	178.5E6	76703663	50.178m	38.072
12)	B 4,4'-DDE	6.201	5.217	136.5E6	90758455	42.385m	49.723
13)	MA Dieldrin	6.356	5.347	147.5E6	92572767	41.452m	45.339m
14)	MA Endrin	6.587	5.624	140.0E6	79256905	46.142m	43.757
15)	B Endosulfa...	6.803	5.919	189.5E6	50843635	61.141m	29.715 #
16)	A 4,4'-DDD	6.718	5.772	184.4E6	64278947	71.978	45.998 #
17)	MA 4,4'-DDT	7.034	6.022	117.1E6	76449547	44.769m	54.111
18)	B Endrin al...	6.937	6.096	87121688	41288037	36.661	30.588m
19)	B Endosulfa...	7.172	6.320	103.2E6	67880081	36.356m	42.392
20)	A Methoxychlor	7.511	6.598	102.1E6	60214359	66.011	77.772
21)	B Endrin ke...	7.659	6.826	154.4E6	68976065	47.517	36.481
22)	Mirex	8.132	7.006	103.7E6	48831339	43.116	31.889m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077603.D
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 Acq On : 02 Sep 2023 19:06
 Operator : AR\AJ
 Sample : 03972-08MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

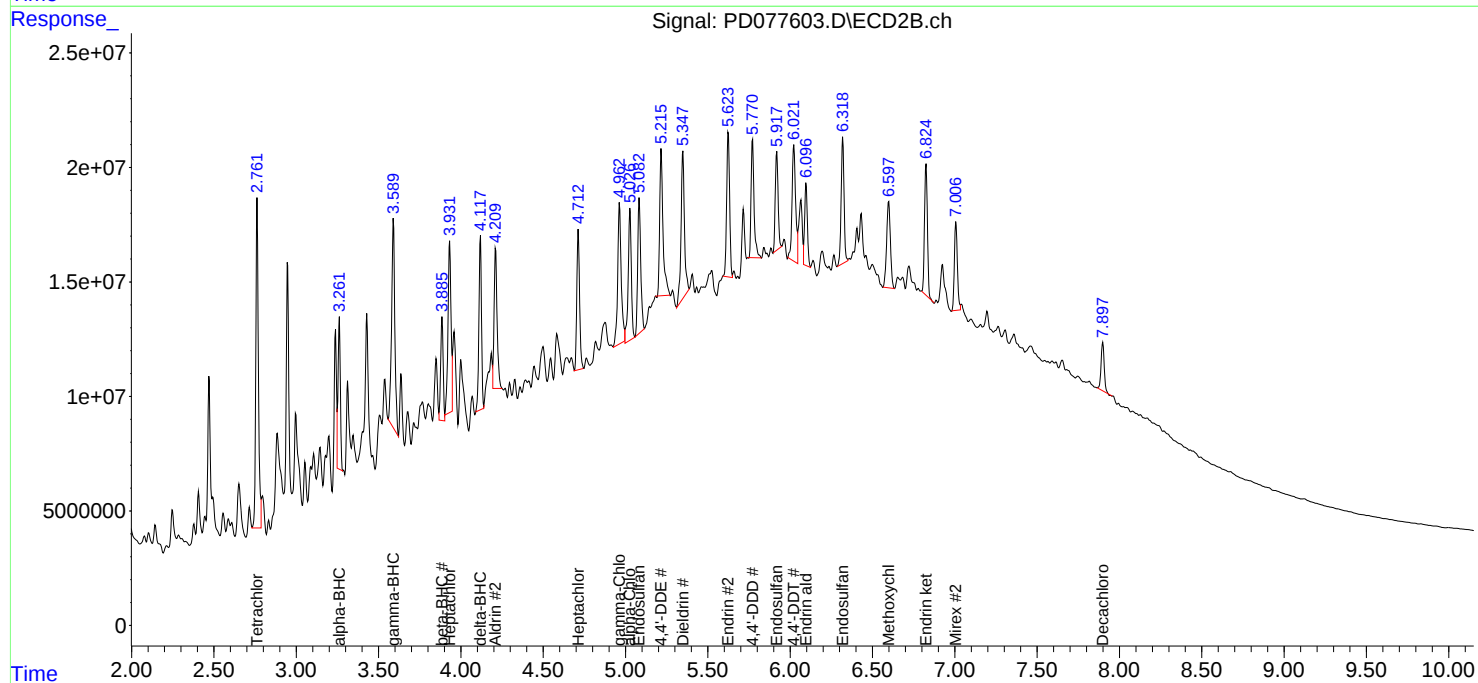
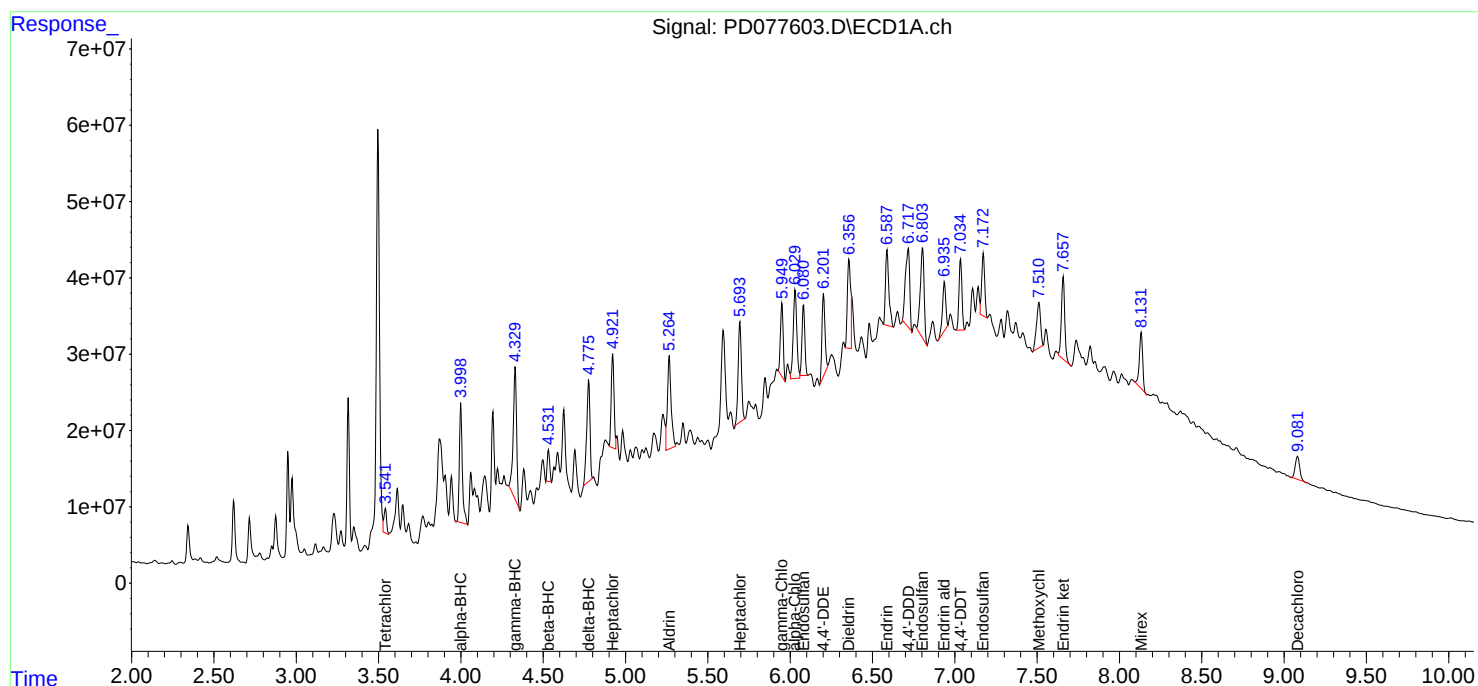
Instrument :
 ECD_D
 ClientSampleId :
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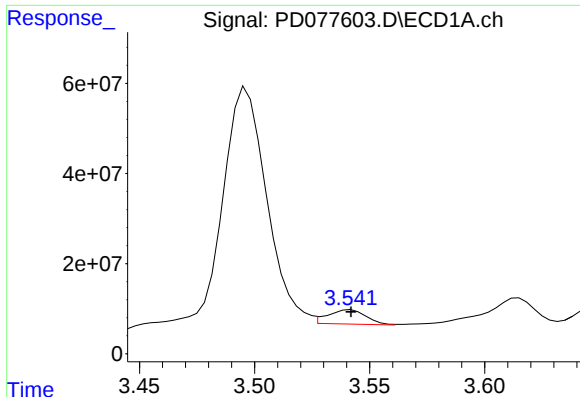
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 09/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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Volume Inj. : 1 µl
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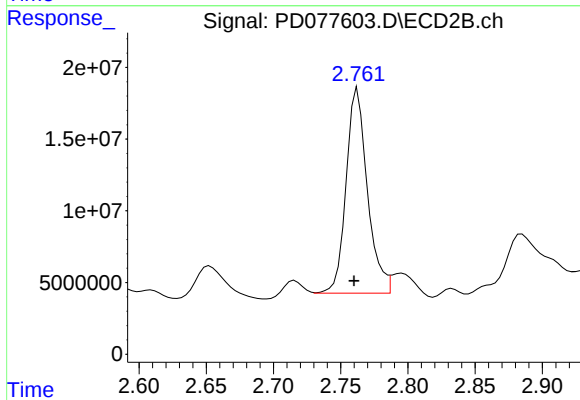
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.001 min
Response: 35818141
Conc: 14.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD

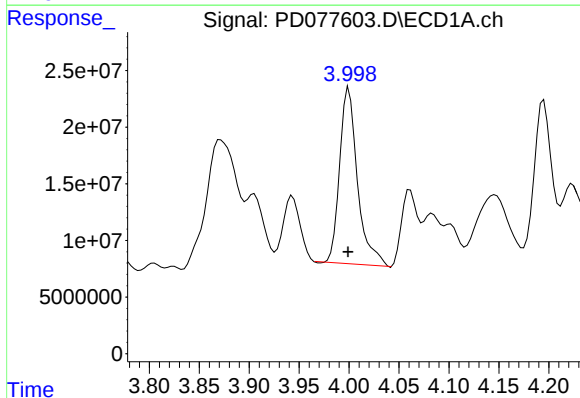
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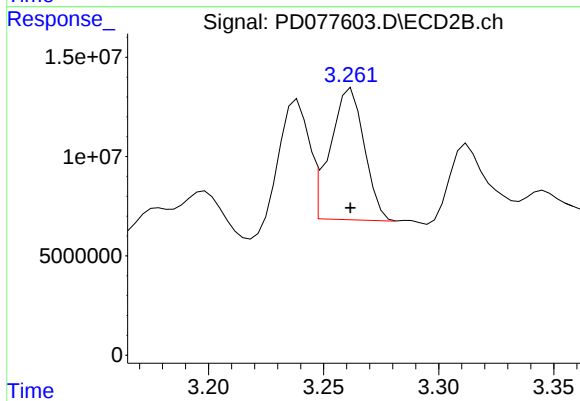
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.001 min
Response: 157794093
Conc: 99.77 ng/ml m



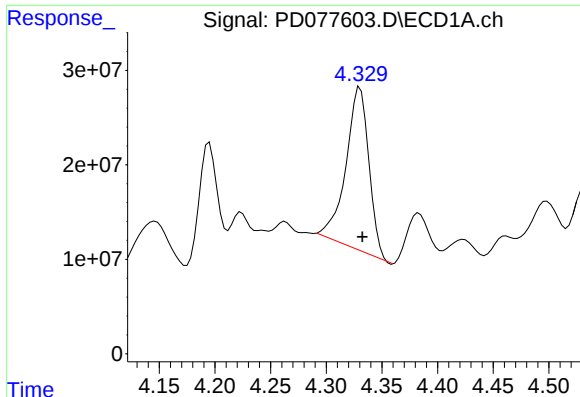
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 193169135
Conc: 46.95 ng/ml



#2 alpha-BHC

R.T.: 3.261 min
Delta R.T.: 0.000 min
Response: 66541057
Conc: 28.76 ng/ml m



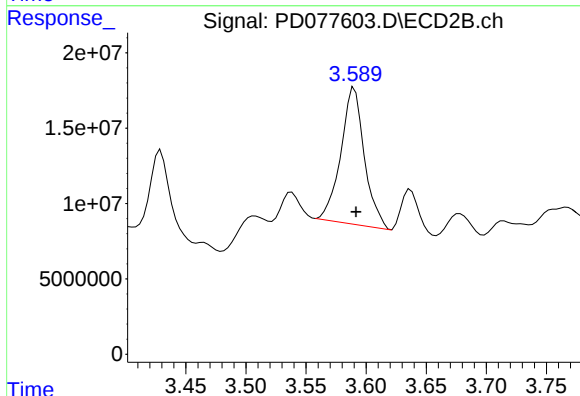
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 249090102
Conc: 62.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD

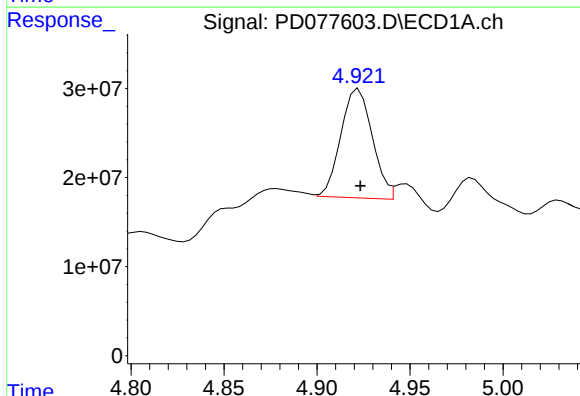
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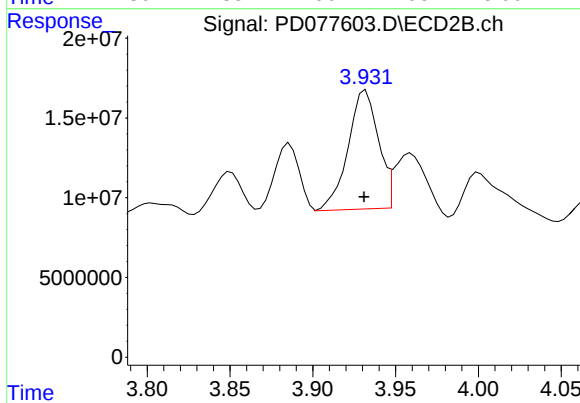
#3 gamma-BHC (Lindane)

R.T.: 3.589 min
Delta R.T.: -0.003 min
Response: 123786473
Conc: 55.37 ng/ml m



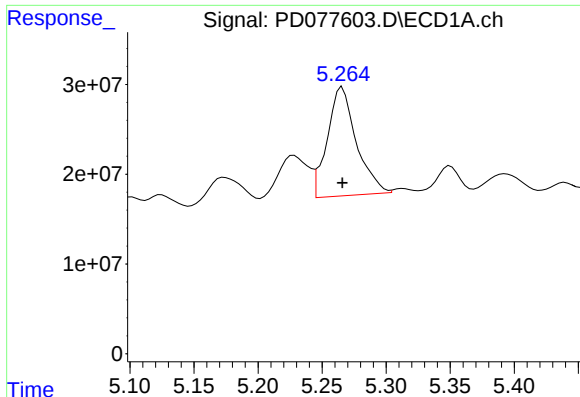
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 143087429
Conc: 36.52 ng/ml m



#4 Heptachlor

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 93754696
Conc: 41.68 ng/ml m



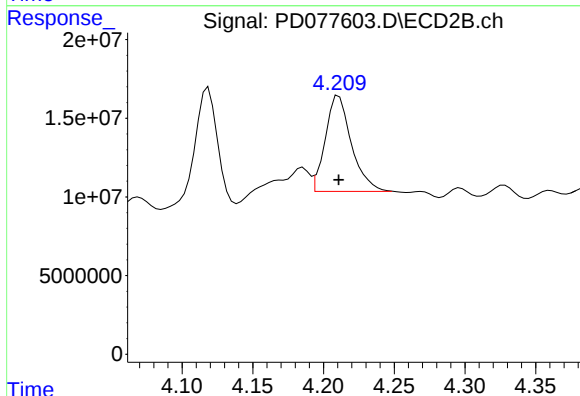
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 190965373
Conc: 47.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD

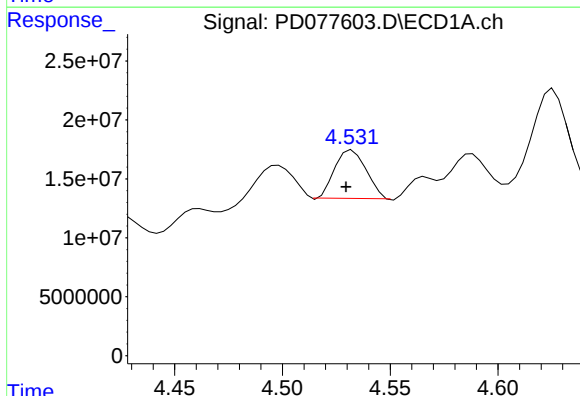
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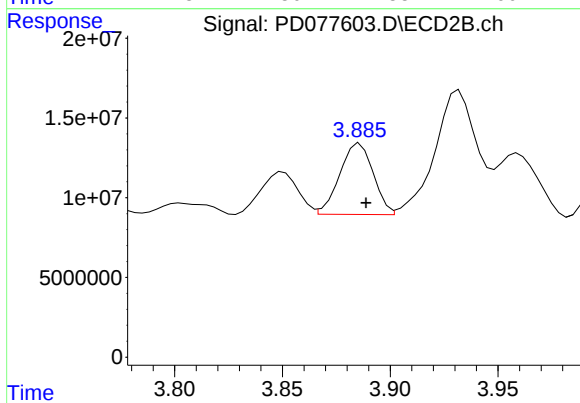
#5 Aldrin

R.T.: 4.209 min
Delta R.T.: -0.001 min
Response: 77277503
Conc: 33.92 ng/ml m



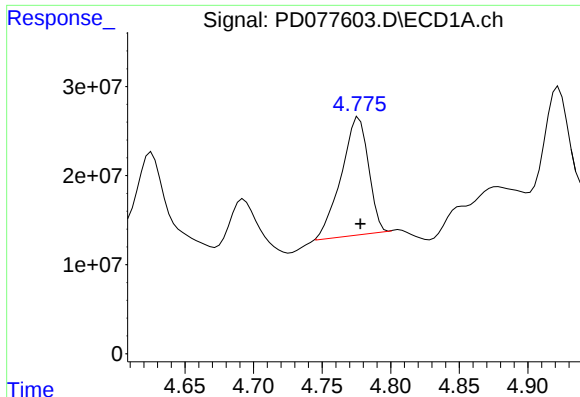
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.002 min
Response: 41750782
Conc: 25.87 ng/ml m



#6 beta-BHC

R.T.: 3.885 min
Delta R.T.: -0.004 min
Response: 48622775
Conc: 54.55 ng/ml m



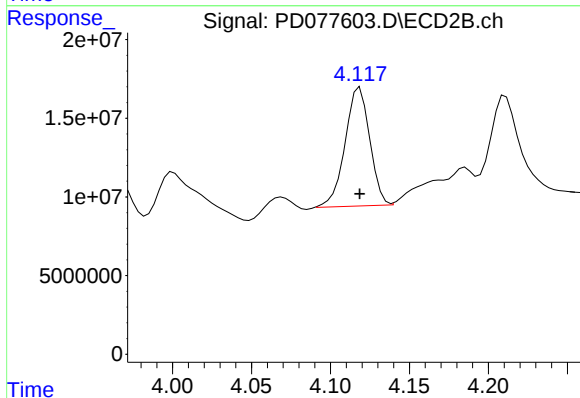
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: -0.001 min
Response: 181793506
Conc: 49.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD

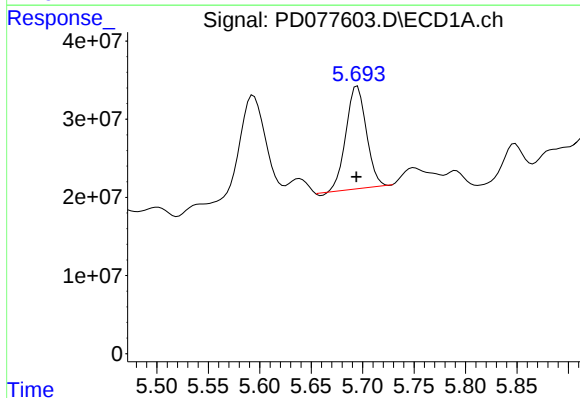
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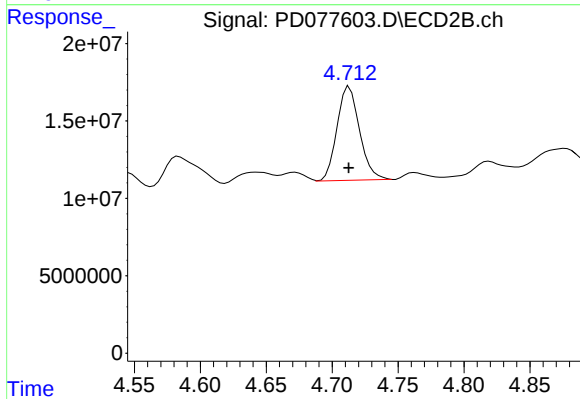
#7 delta-BHC

R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 82062183
Conc: 37.85 ng/ml



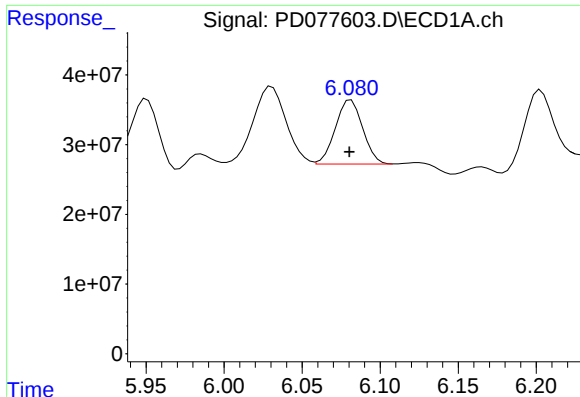
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.001 min
Response: 181639068
Conc: 50.80 ng/ml



#8 Heptachlor epoxide

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 72254783
Conc: 35.62 ng/ml m



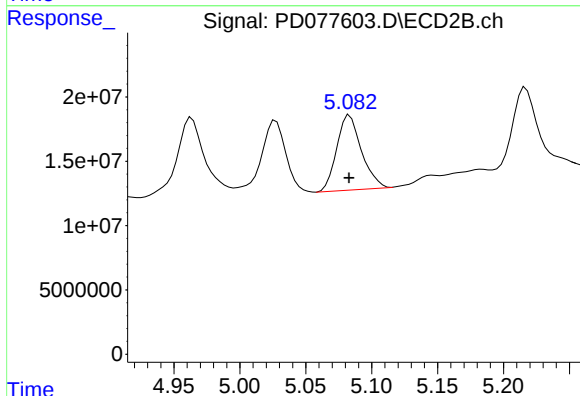
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 112081669
Conc: 34.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD

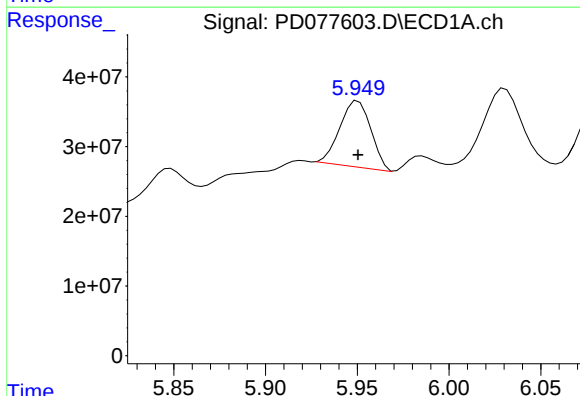
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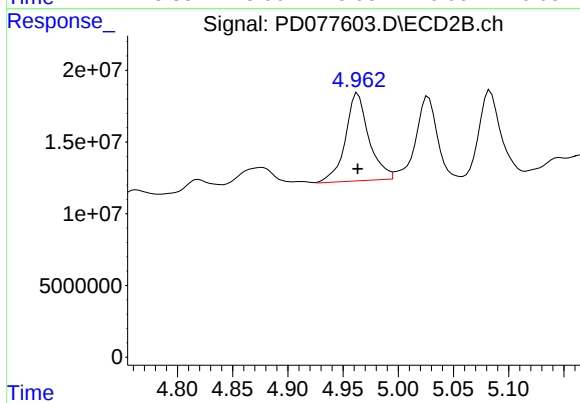
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 75972700
Conc: 40.56 ng/ml



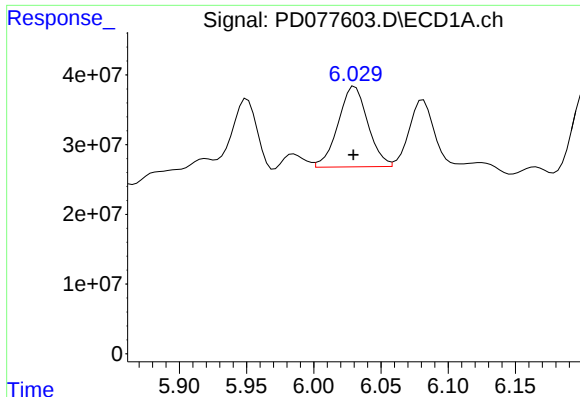
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: -0.001 min
Response: 111683402
Conc: 31.73 ng/ml m



#10 gamma-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 90085897
Conc: 44.81 ng/ml m



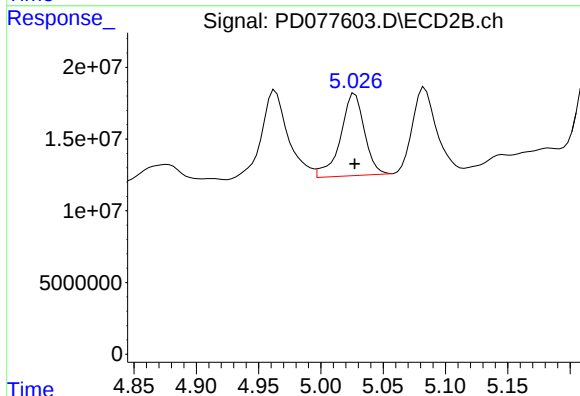
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 178549266
Conc: 50.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD

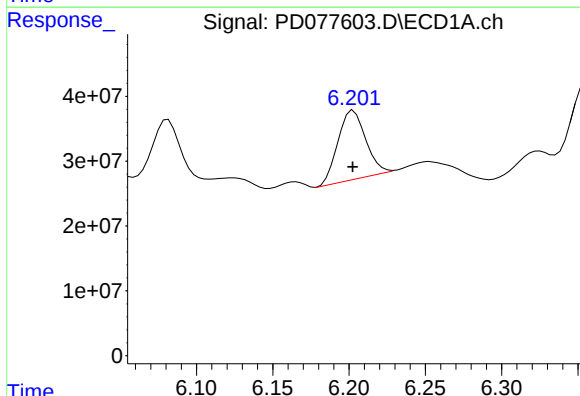
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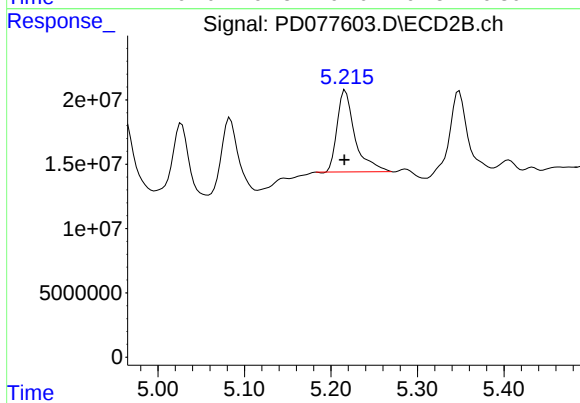
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 76703663
Conc: 38.07 ng/ml



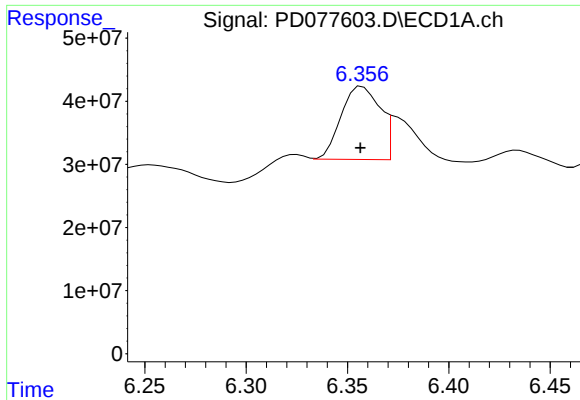
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 136464629
Conc: 42.39 ng/ml m



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: 0.001 min
Response: 90758455
Conc: 49.72 ng/ml



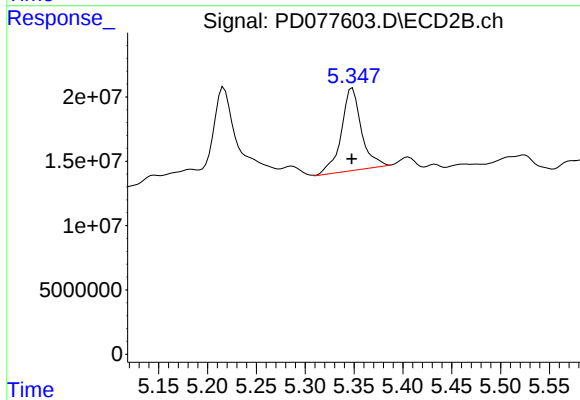
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 147480747
Conc: 41.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD

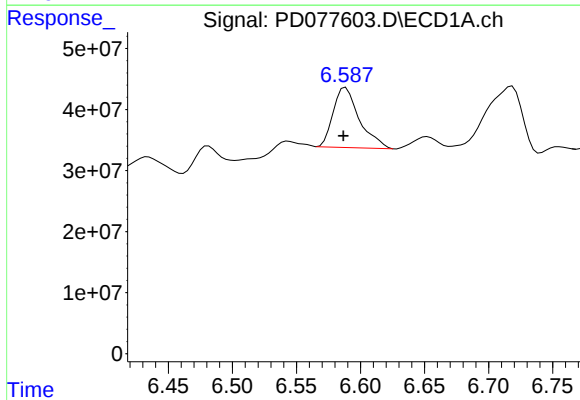
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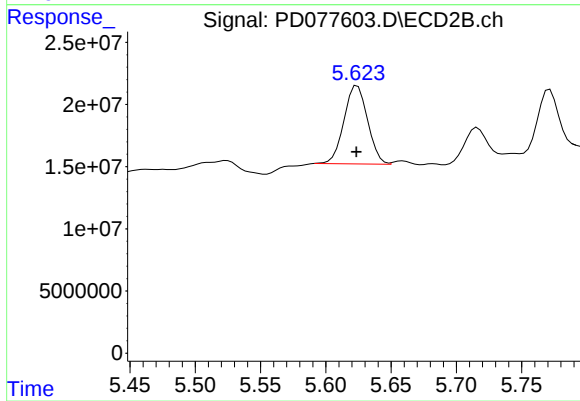
#13 Dieldrin

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 92572767
Conc: 45.34 ng/ml m



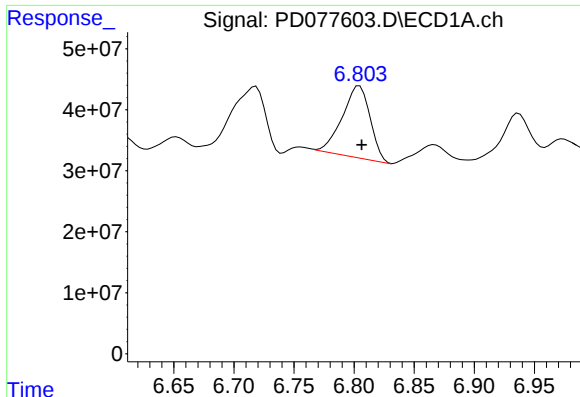
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 139956261
Conc: 46.14 ng/ml m



#14 Endrin

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 79256905
Conc: 43.76 ng/ml



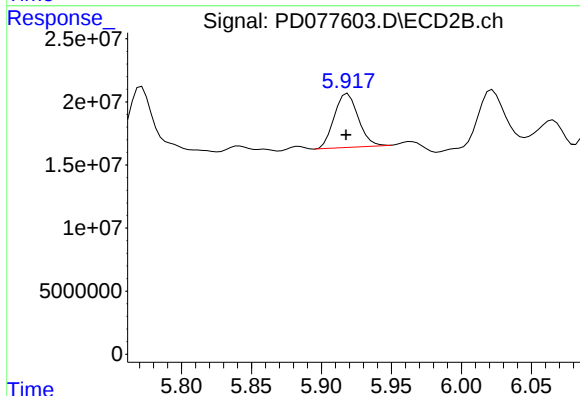
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: -0.003 min
Response: 189453437
Conc: 61.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD

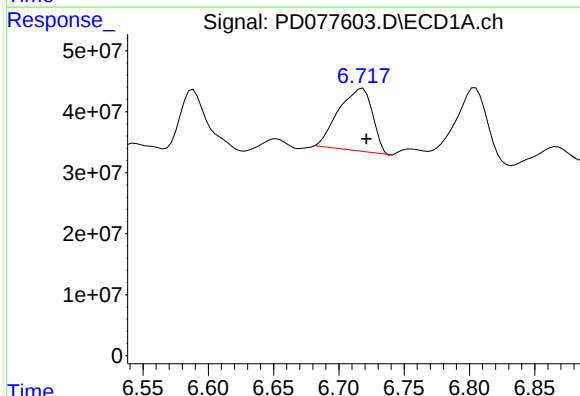
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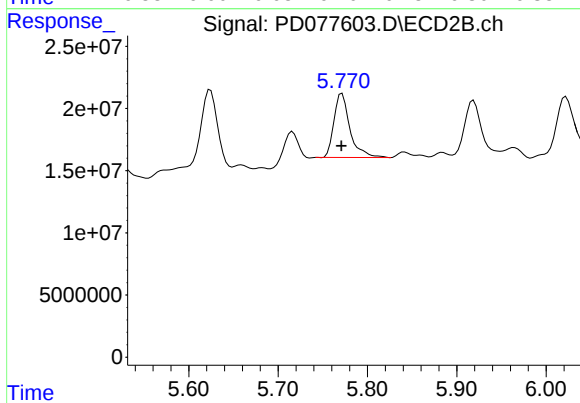
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: 0.001 min
Response: 50843635
Conc: 29.71 ng/ml



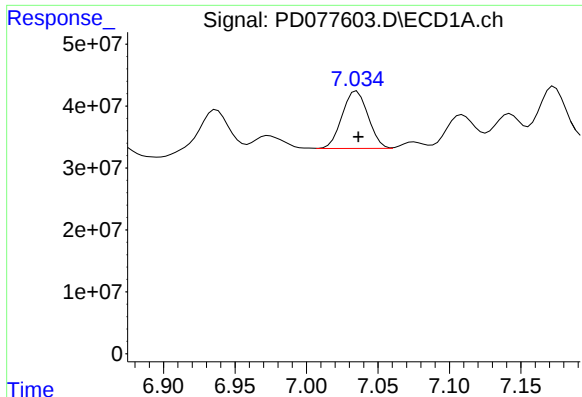
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: -0.003 min
Response: 184429077
Conc: 71.98 ng/ml



#16 4,4'-DDD

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 64278947
Conc: 46.00 ng/ml



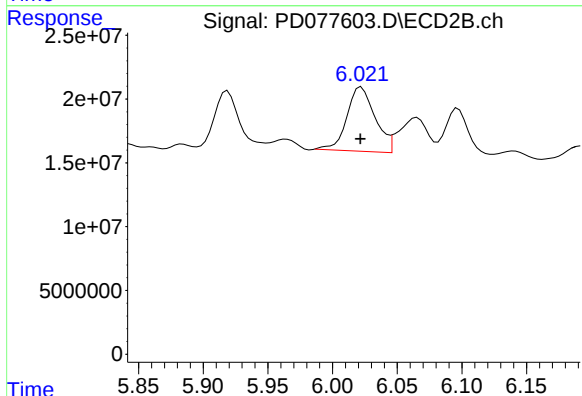
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: -0.002 min
Response: 117084757
Conc: 44.77 ng/ml

Instrument :
ECD_D
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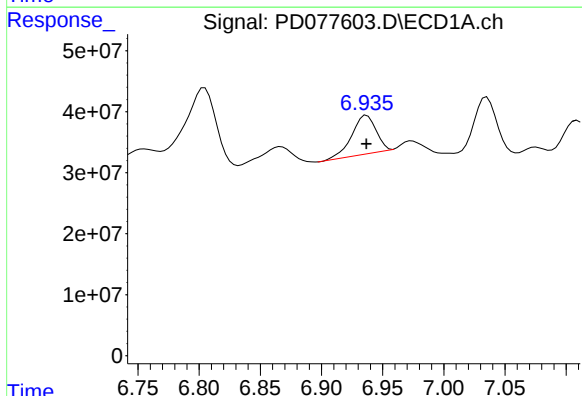
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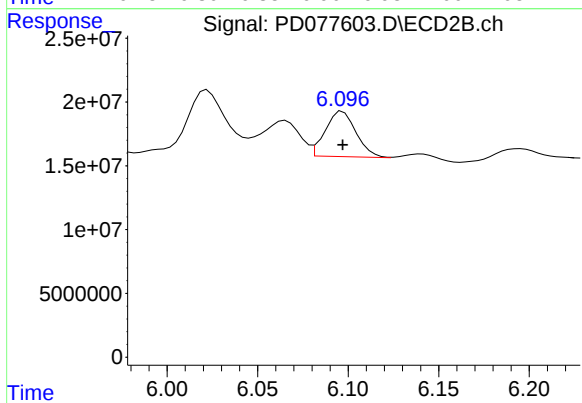
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 76449547
Conc: 54.11 ng/ml



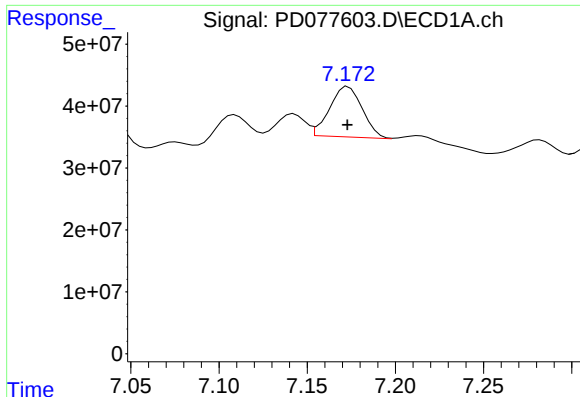
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 87121688
Conc: 36.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 41288037
Conc: 30.59 ng/ml m



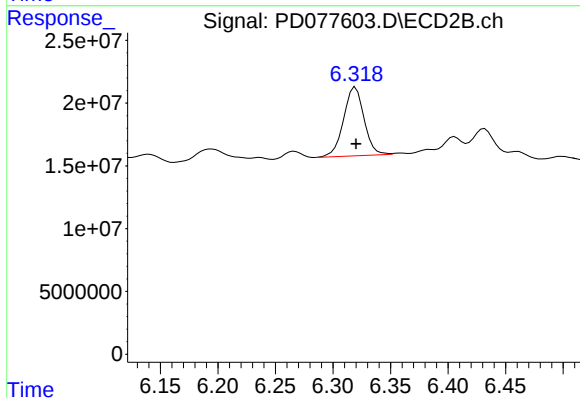
#19 Endosulfan Sulfate

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 103175986
Conc: 36.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD

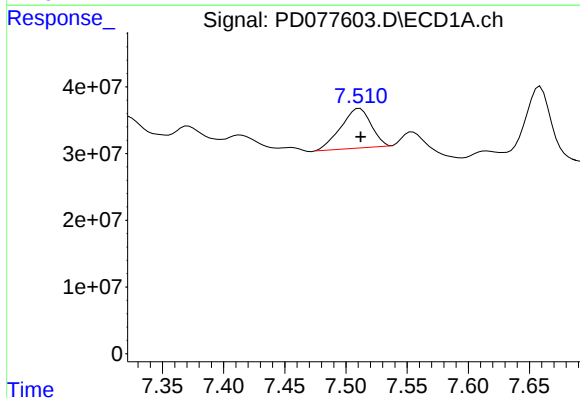
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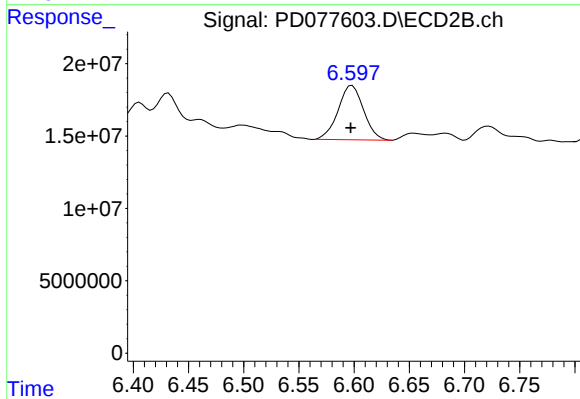
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 67880081
Conc: 42.39 ng/ml



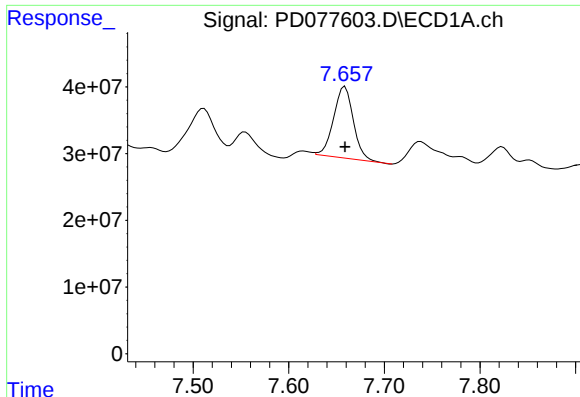
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 102102535
Conc: 66.01 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: 0.001 min
Response: 60214359
Conc: 77.77 ng/ml



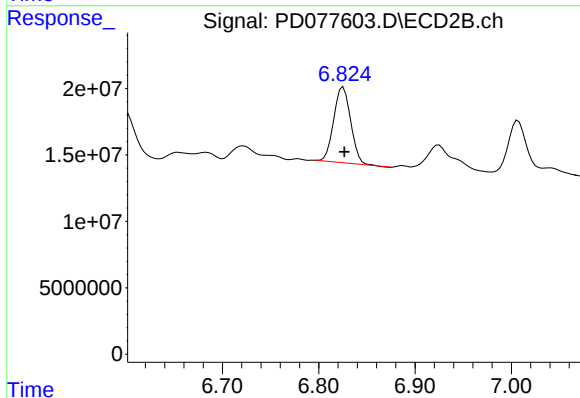
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 154433373
Conc: 47.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD

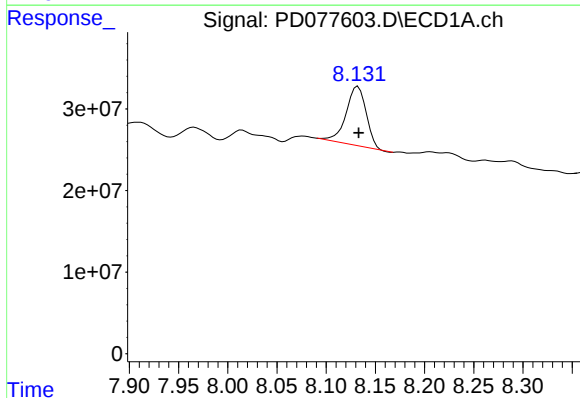
Manual Integrations
APPROVED

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



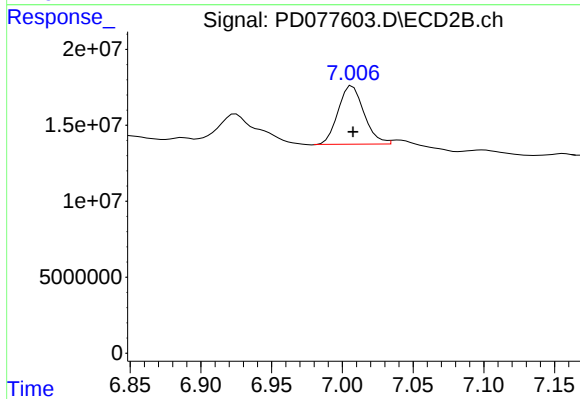
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 68976065
Conc: 36.48 ng/ml



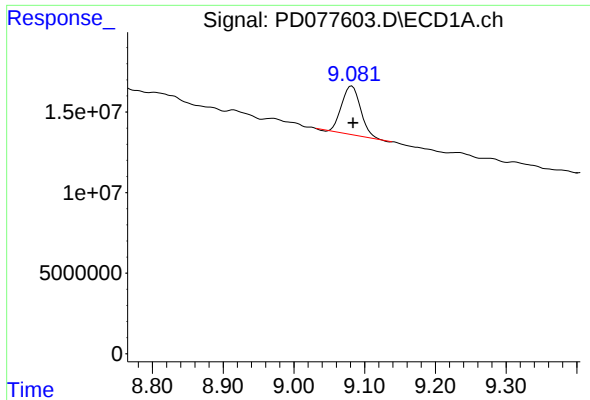
#22 Mirex

R.T.: 8.132 min
Delta R.T.: -0.001 min
Response: 103696612
Conc: 43.12 ng/ml



#22 Mirex

R.T.: 7.006 min
Delta R.T.: -0.002 min
Response: 48831339
Conc: 31.89 ng/ml m



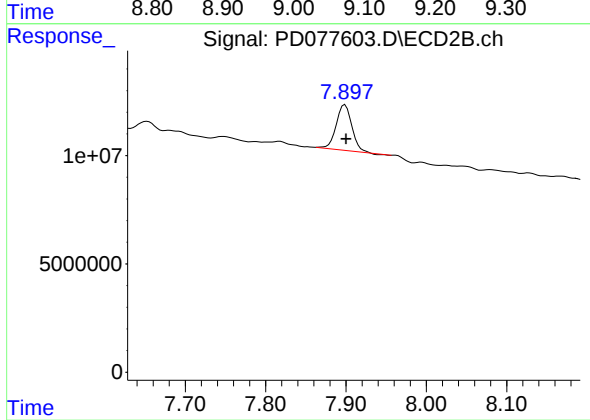
#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: -0.002 min
Response: 54836076
Conc: 18.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 09/05/2023



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.001 min
Response: 28540558
Conc: 16.54 ng/ml