

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 18:53
 Operator : AR\AJ
 Sample : 03972-08MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 356MS

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 05:07:08 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...	3.540	2.760	39123112	153.7E6	15.409m	97.158m#
2)	SA Decachlor...	9.081	7.899	57301053	29047991	18.811	16.833
Target Compounds							
2)	A alpha-BHC	3.999	3.260	191.6E6	66505930	46.561	28.746m#
3)	MA gamma-BHC...	4.330	3.590	245.0E6	117.6E6	61.922	52.596
4)	MA Heptachlor	4.921	3.930	147.5E6	96498500	37.638	42.900m
5)	MB Aldrin	5.265	4.209	188.6E6	72618452	46.900	31.878m#
6)	B beta-BHC	4.530	3.884	42997579	46802182	26.644m	52.512m#
7)	B delta-BHC	4.776	4.118	175.4E6	80407775	47.592	37.091
8)	B Heptachlo...	5.694	4.711	182.3E6	70053914	50.973	34.540m#
9)	A Endosulfan I	6.080	5.083	143.0E6	73359994	43.484	39.164
10)	B gamma-Chl...	5.947	4.963	110.3E6	94331623	31.324m	46.927 #
11)	B alpha-Chl...	6.028	5.025	170.4E6	68612239	47.899m	34.056m#
12)	B 4,4'-DDE	6.201	5.216	133.7E6	90796665	41.535m	49.744
13)	MA Dieldrin	6.355	5.346	149.9E6	90665036	42.132m	44.404m
14)	MA Endrin	6.586	5.624	138.3E6	79108739	45.592m	43.675
15)	B Endosulfa...	6.803	5.918	201.5E6	50485681	65.028	29.506 #
16)	A 4,4'-DDD	6.716	5.771	177.2E6	62944688	69.152	45.044 #
17)	MA 4,4'-DDT	7.034	6.021	115.3E6	77691993	44.083m	54.990
18)	B Endrin al...	6.936	6.095	90932378	38568225	38.265	28.573m#
19)	B Endosulfa...	7.171	6.320	100.6E6	67503676	35.437m	42.157
20)	A Methoxychlor	7.511	6.598	97386343	57594319	62.962	74.388
21)	B Endrin ke...	7.658	6.825	148.7E6	69721065	45.755	36.875
22)	Mirex	8.132	7.007	96860181	47512550	40.274	31.028

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 18:53
 Operator : AR\AJ
 Sample : 03972-08MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

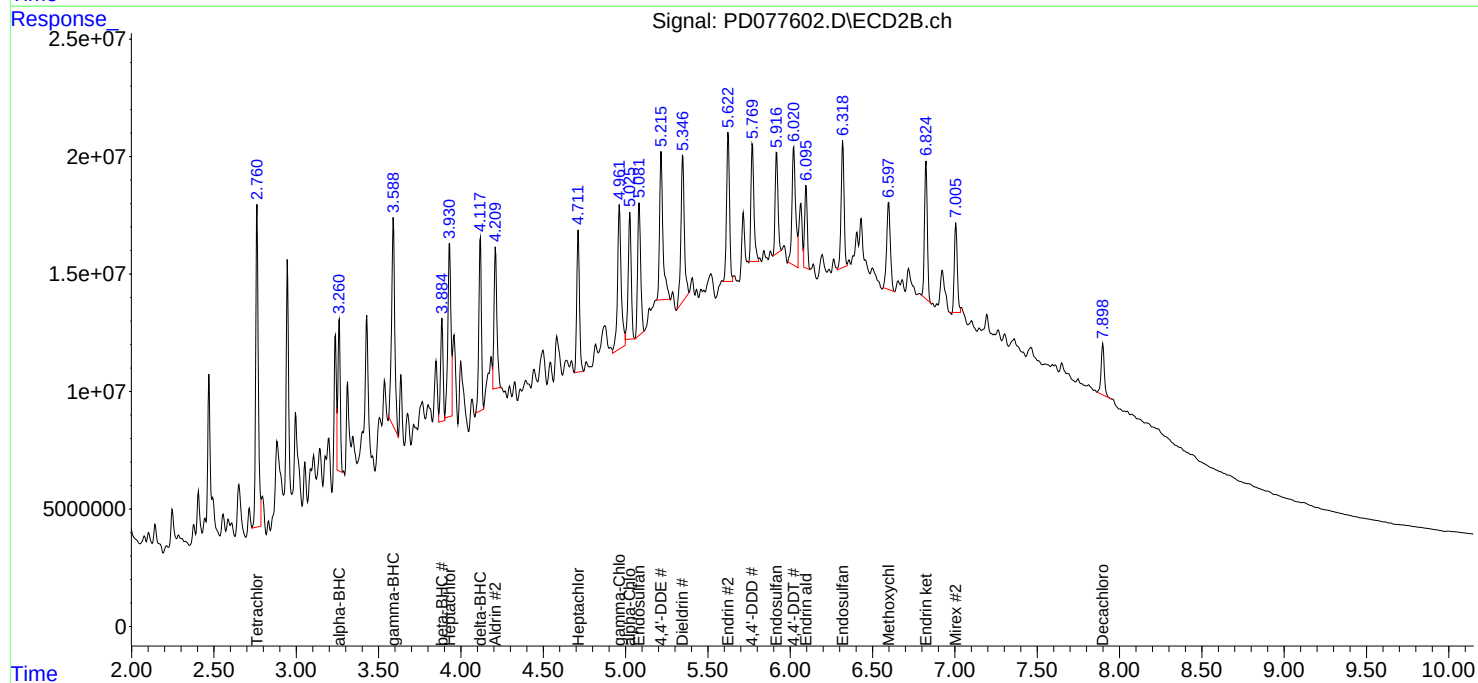
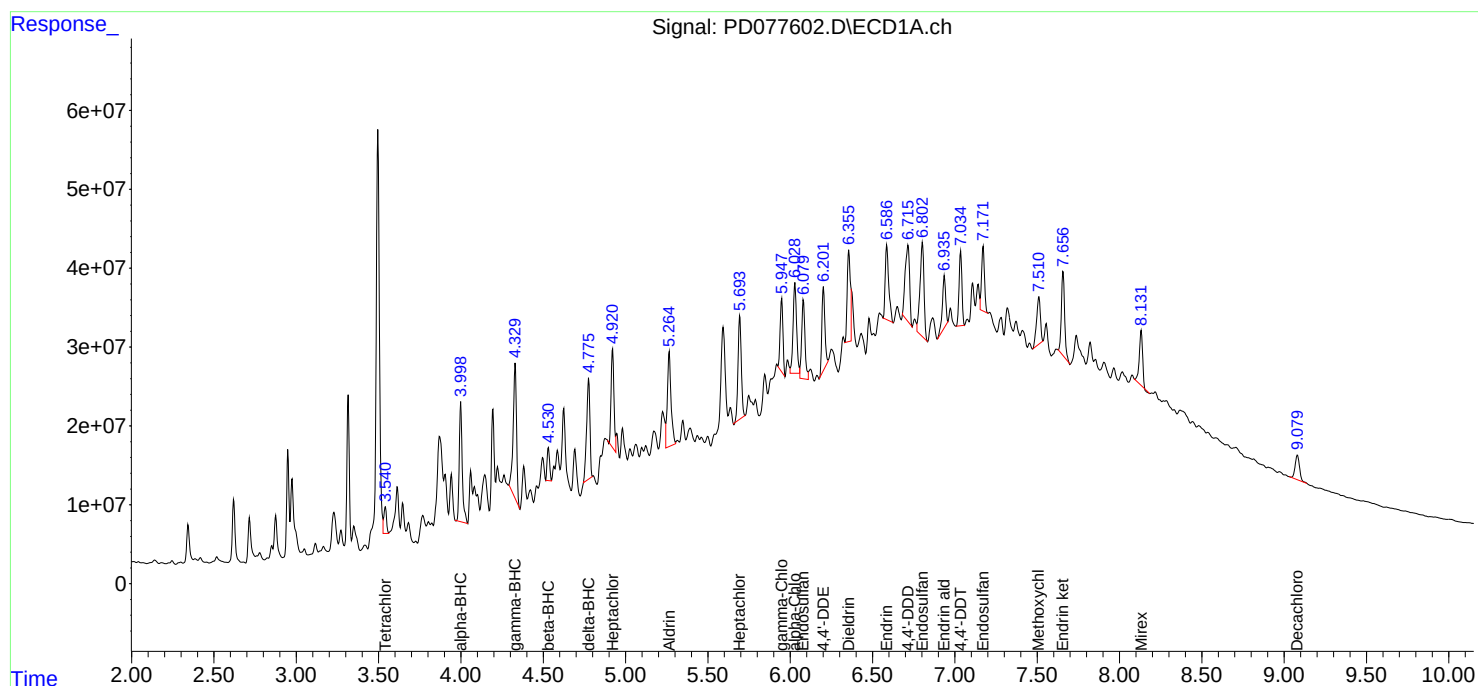
Instrument :
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 ClientSampleId :
 356MS

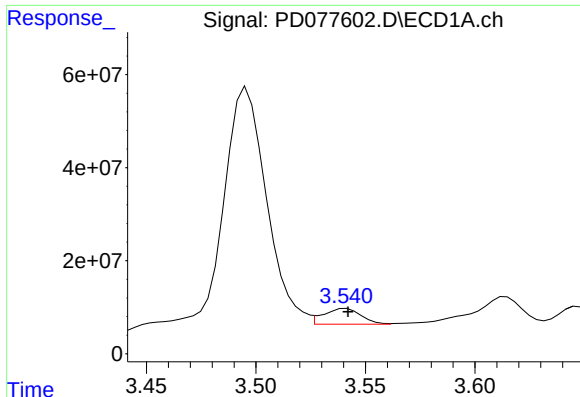
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 09/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 05:07:08 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
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





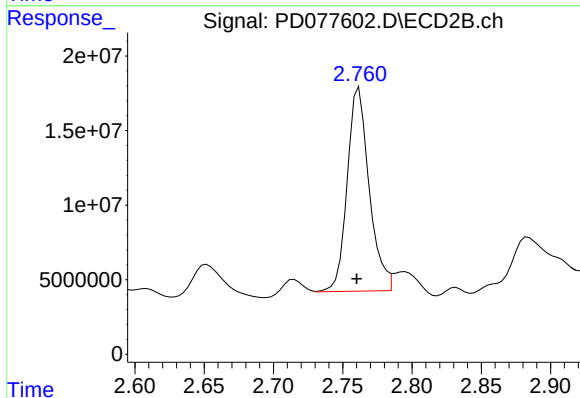
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 39123112
Conc: 15.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS

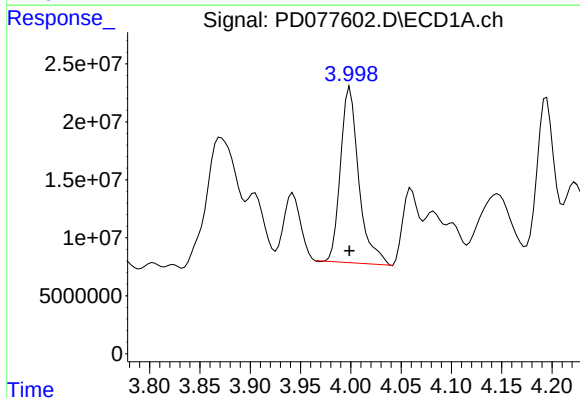
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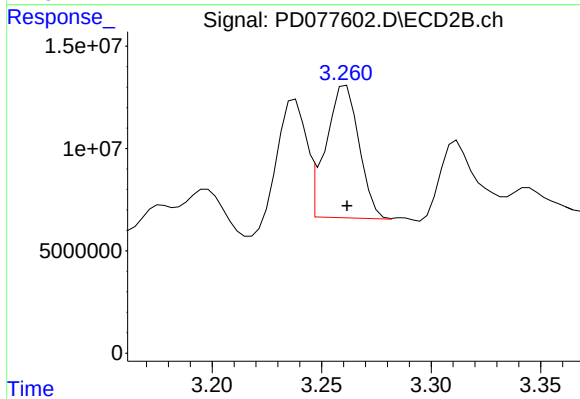
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.000 min
Response: 153668844
Conc: 97.16 ng/ml m



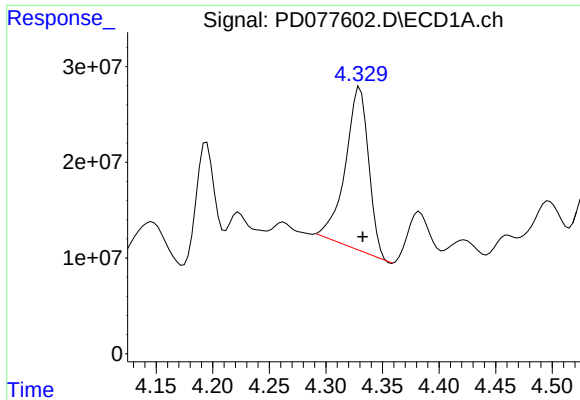
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 191560372
Conc: 46.56 ng/ml



#2 alpha-BHC

R.T.: 3.260 min
Delta R.T.: -0.002 min
Response: 66505930
Conc: 28.75 ng/ml m



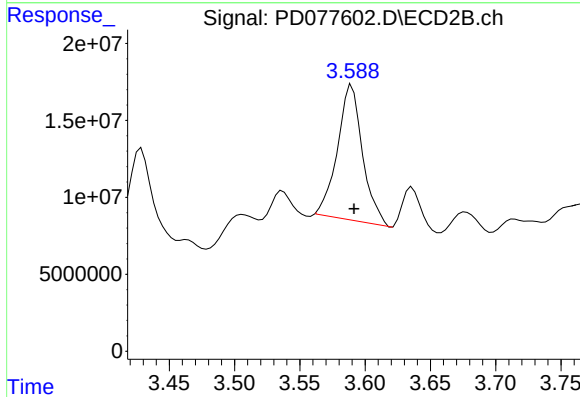
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 244961039
Conc: 61.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS

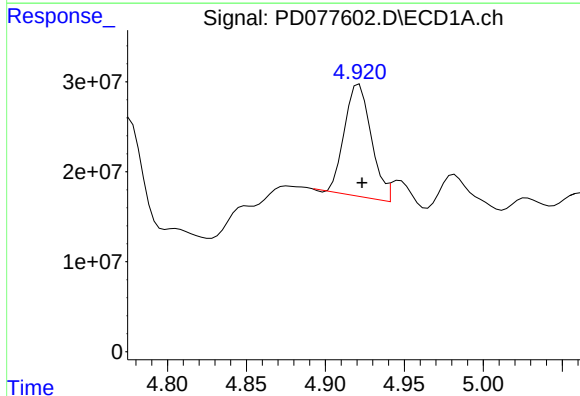
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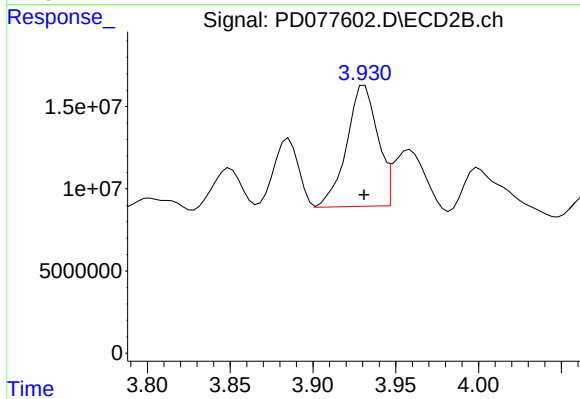
#3 gamma-BHC (Lindane)

R.T.: 3.590 min
Delta R.T.: -0.002 min
Response: 117575289
Conc: 52.60 ng/ml



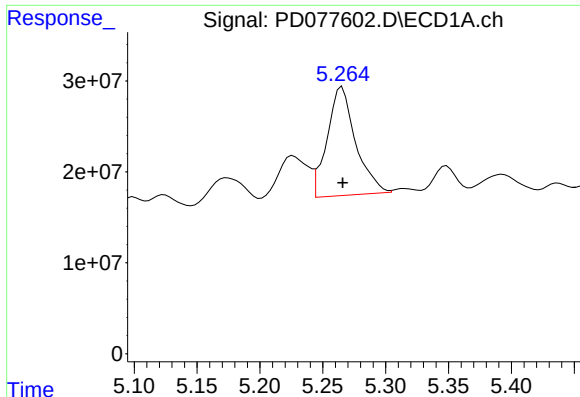
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 147466089
Conc: 37.64 ng/ml



#4 Heptachlor

R.T.: 3.930 min
Delta R.T.: -0.001 min
Response: 96498500
Conc: 42.90 ng/ml m



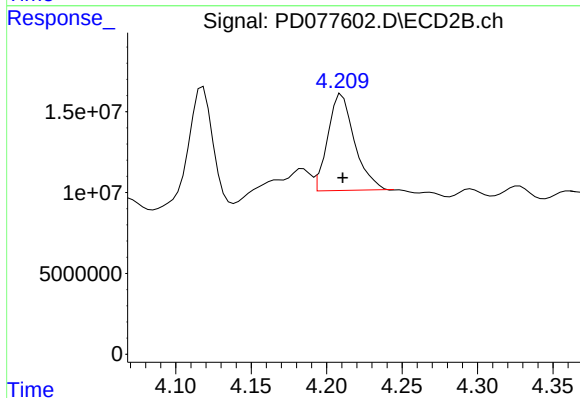
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 188625025
Conc: 46.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS

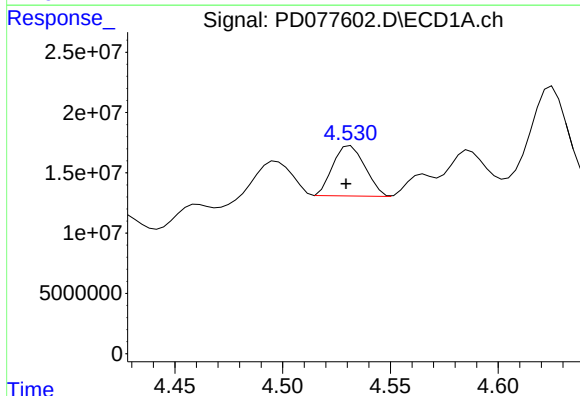
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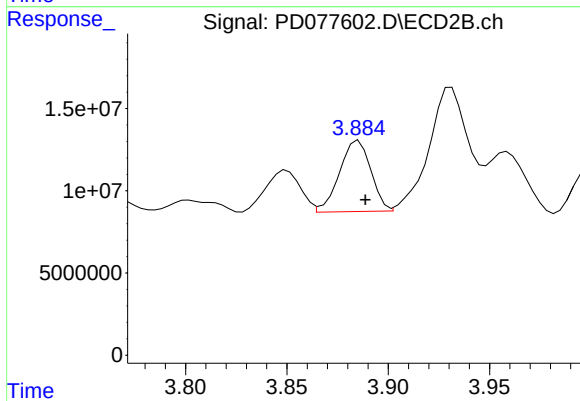
#5 Aldrin

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 72618452
Conc: 31.88 ng/ml m



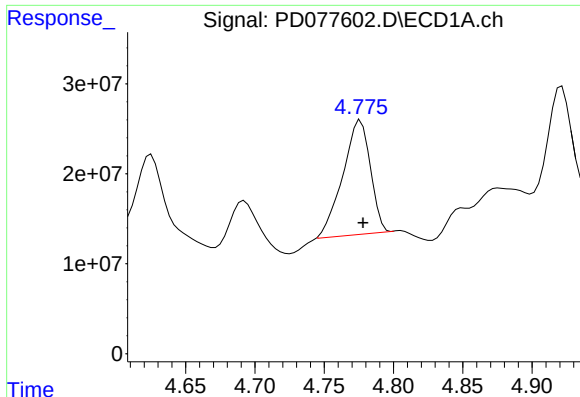
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 42997579
Conc: 26.64 ng/ml m



#6 beta-BHC

R.T.: 3.884 min
Delta R.T.: -0.005 min
Response: 46802182
Conc: 52.51 ng/ml m



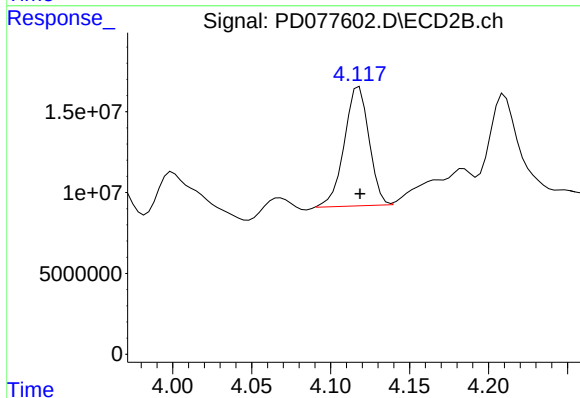
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 175442772
Conc: 47.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS

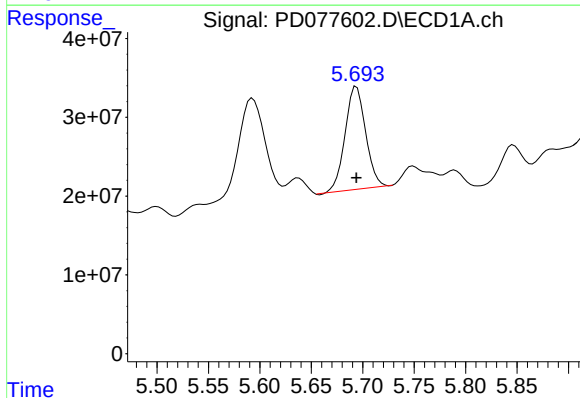
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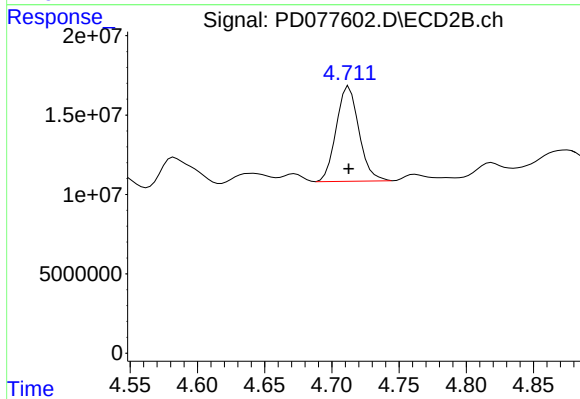
#7 delta-BHC

R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 80407775
Conc: 37.09 ng/ml



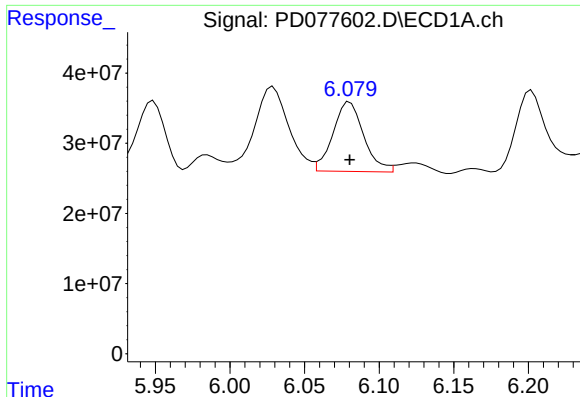
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 182256742
Conc: 50.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.711 min
Delta R.T.: -0.001 min
Response: 70053914
Conc: 34.54 ng/ml m



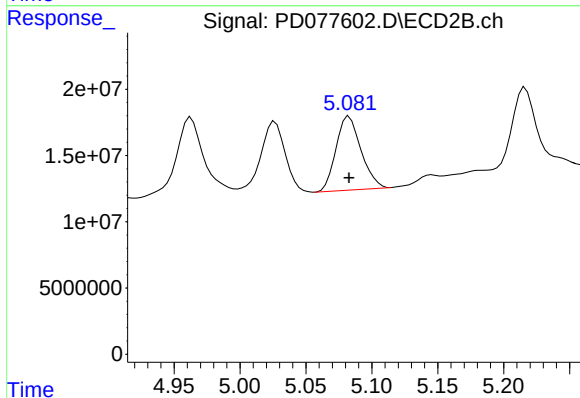
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 143023180
Conc: 43.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS

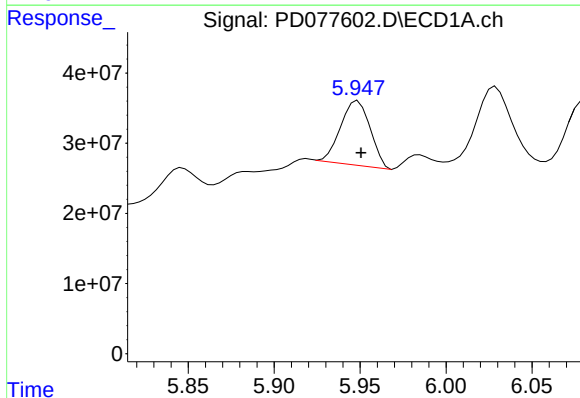
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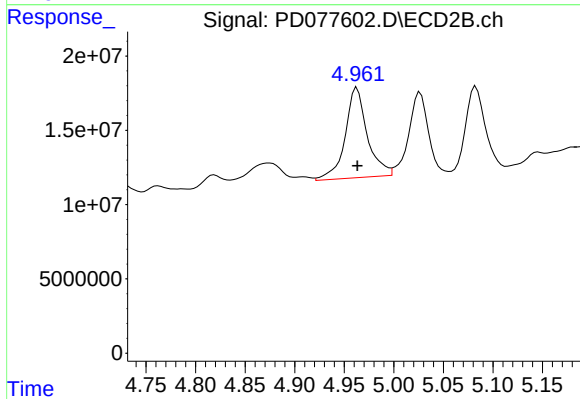
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 73359994
Conc: 39.16 ng/ml



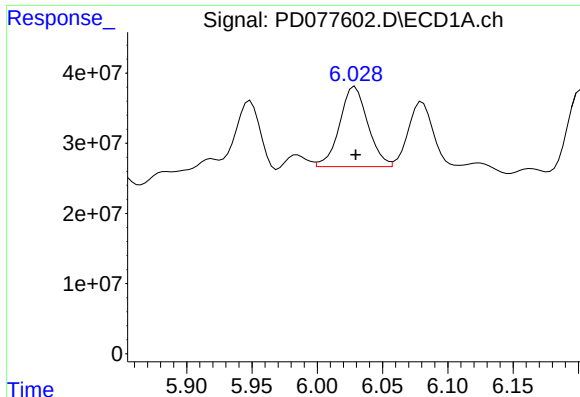
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 110271603
Conc: 31.32 ng/ml m



#10 gamma-Chlordane

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 94331623
Conc: 46.93 ng/ml



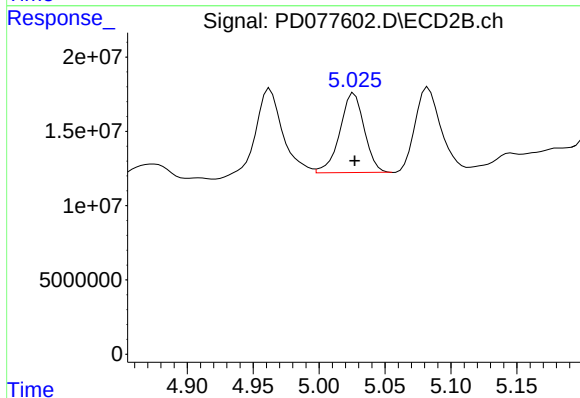
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: -0.002 min
Response: 170441437
Conc: 47.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS

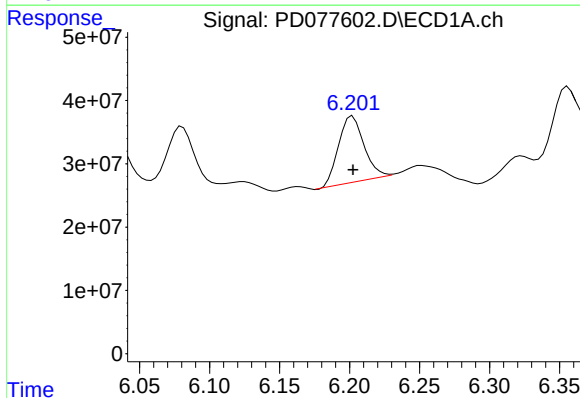
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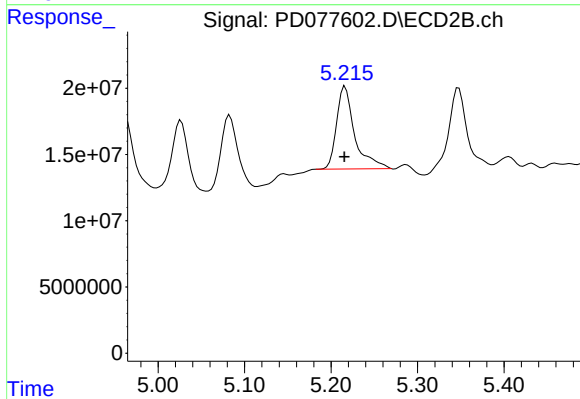
#11 alpha-Chlordane

R.T.: 5.025 min
Delta R.T.: -0.002 min
Response: 68612239
Conc: 34.06 ng/ml m



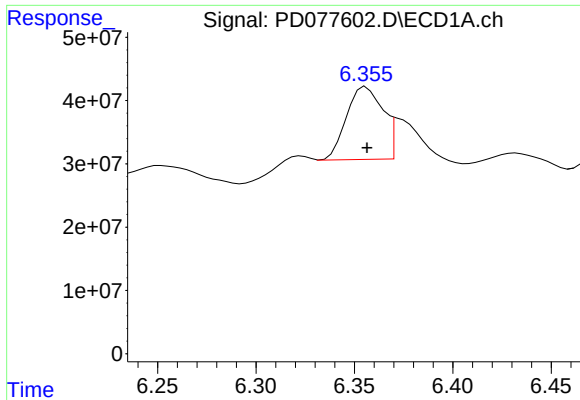
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 133726046
Conc: 41.53 ng/ml m



#12 4,4'-DDE

R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 90796665
Conc: 49.74 ng/ml



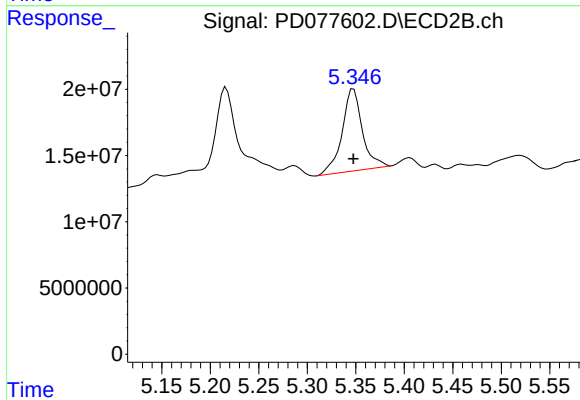
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 149897381
Conc: 42.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS

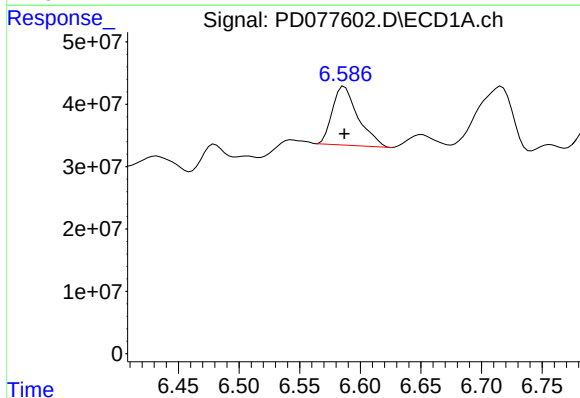
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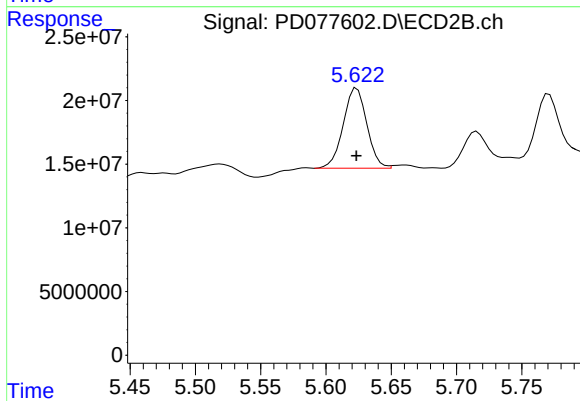
#13 Dieldrin

R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 90665036
Conc: 44.40 ng/ml



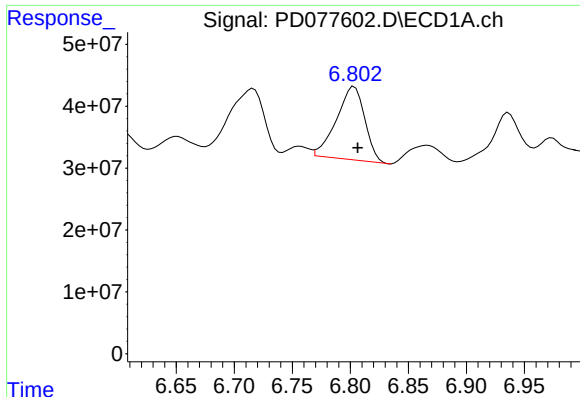
#14 Endrin

R.T.: 6.586 min
Delta R.T.: -0.001 min
Response: 138289601
Conc: 45.59 ng/ml



#14 Endrin

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 79108739
Conc: 43.67 ng/ml



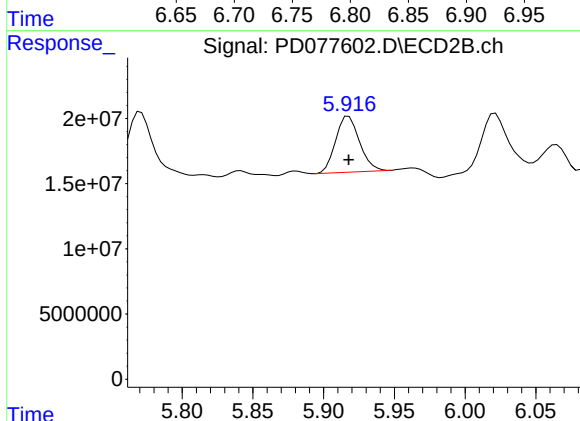
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: -0.003 min
Response: 201498391
Conc: 65.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS

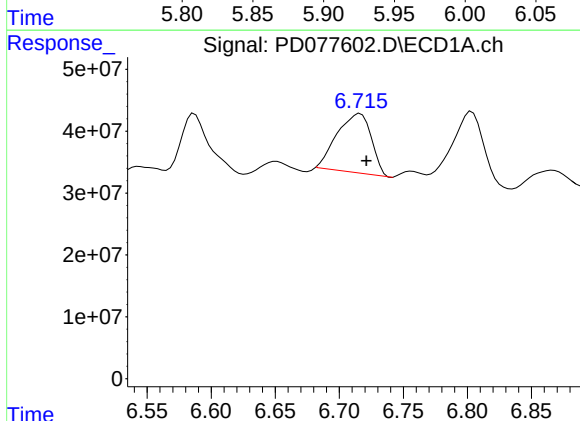
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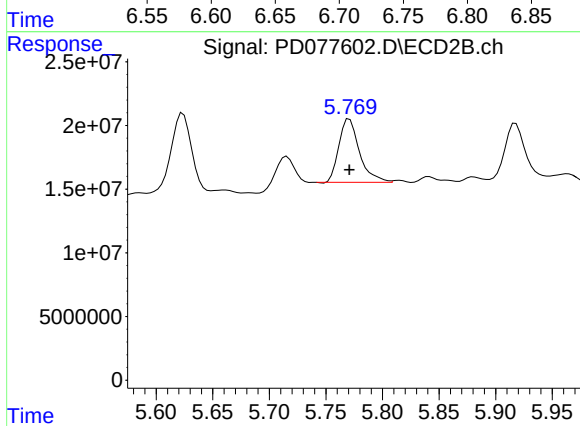
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 50485681
Conc: 29.51 ng/ml



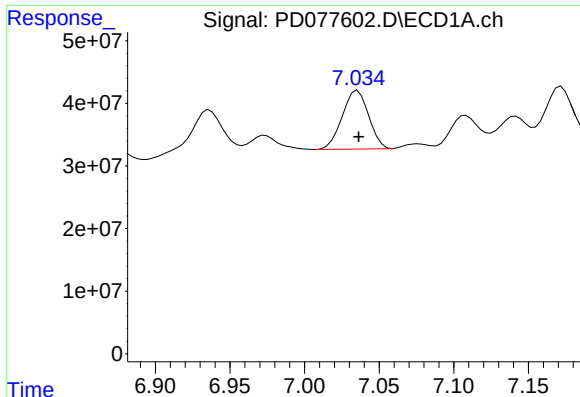
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 177188077
Conc: 69.15 ng/ml



#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 62944688
Conc: 45.04 ng/ml



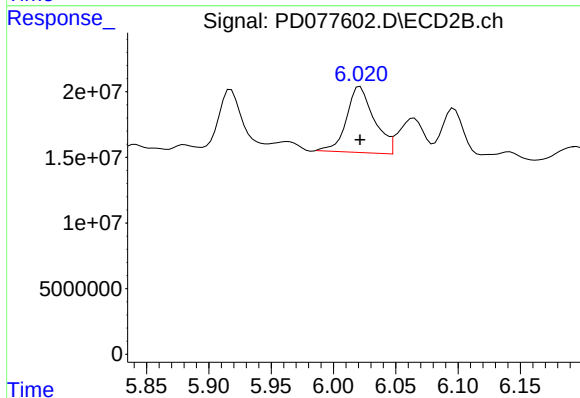
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: -0.002 min
Response: 115290456
Conc: 44.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS

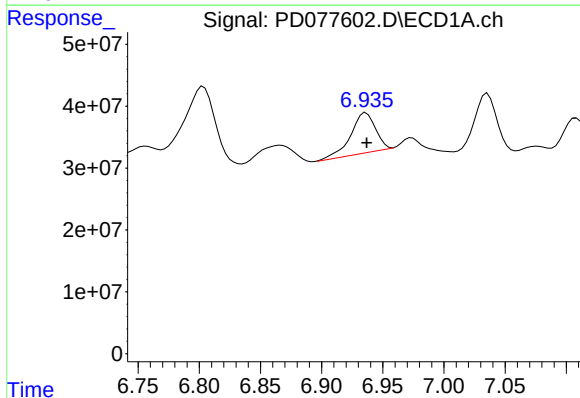
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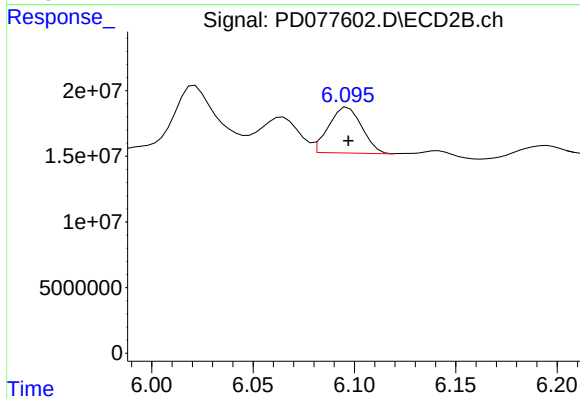
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 77691993
Conc: 54.99 ng/ml



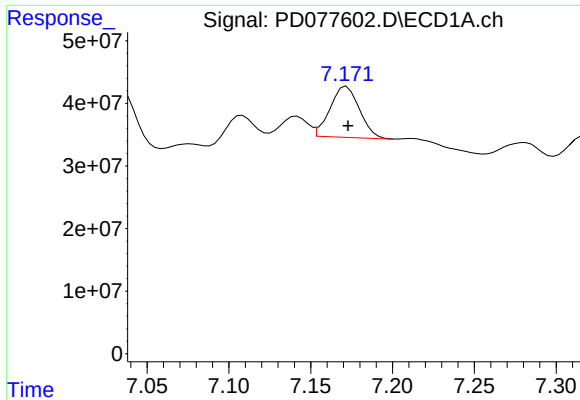
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 90932378
Conc: 38.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 38568225
Conc: 28.57 ng/ml m



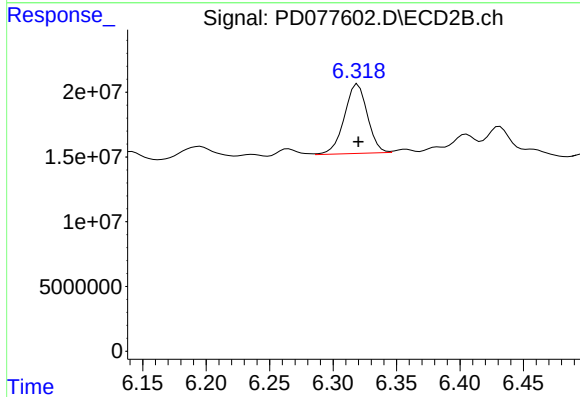
#19 Endosulfan Sulfate

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 100566273
Conc: 35.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS

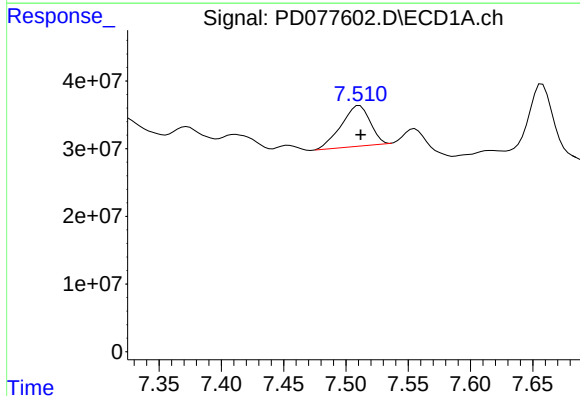
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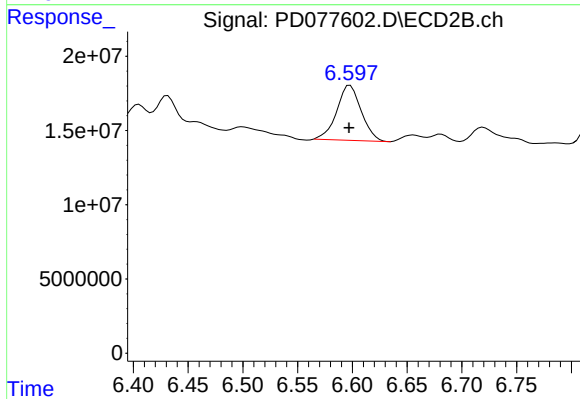
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 67503676
Conc: 42.16 ng/ml



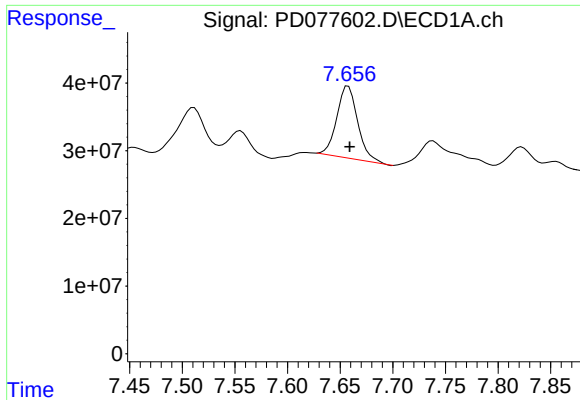
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: -0.001 min
Response: 97386343
Conc: 62.96 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 57594319
Conc: 74.39 ng/ml



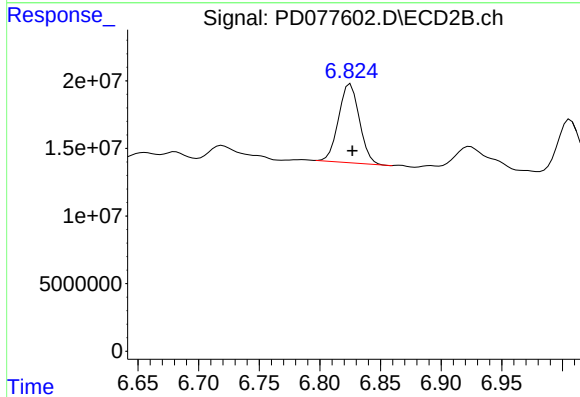
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.001 min
Response: 148705522
Conc: 45.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS

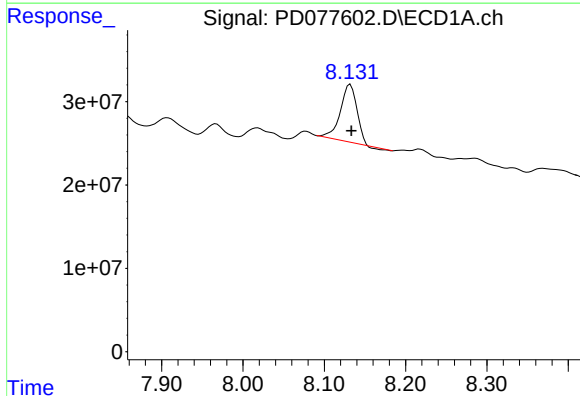
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Supervised By :Ankita Jodhani 09/05/2023



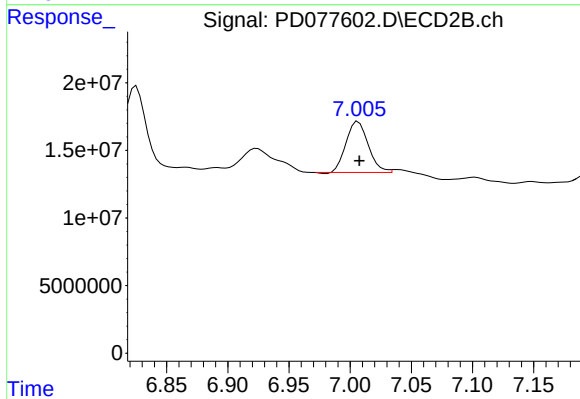
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.001 min
Response: 69721065
Conc: 36.87 ng/ml



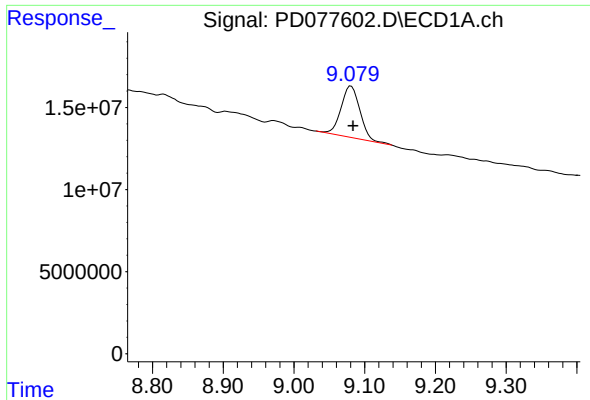
#22 Mirex

R.T.: 8.132 min
Delta R.T.: -0.001 min
Response: 96860181
Conc: 40.27 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: -0.001 min
Response: 47512550
Conc: 31.03 ng/ml



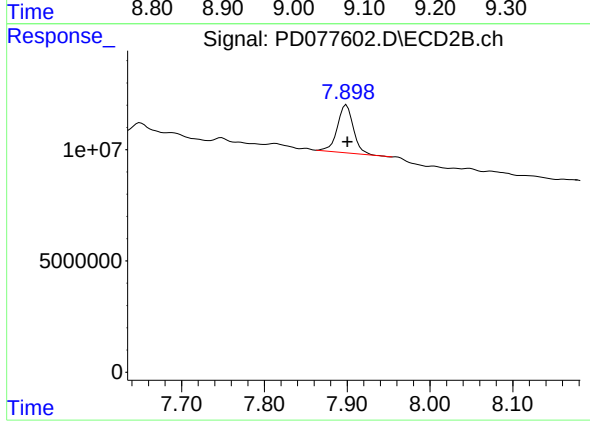
#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.003 min
Response: 57301053
Conc: 18.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.001 min
Response: 29047991
Conc: 16.83 ng/ml