

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077605.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 19:33
 Operator : AR\AJ
 Sample : 04219-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11939MSD

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 05:07:52 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...	3.542	2.761	35526322	24689600	13.992	15.610
2)	SA Decachlor...	9.078	7.900	34799099	26311905	11.424m	15.248 #
Target Compounds							
2)	A alpha-BHC	3.999	3.262	207.5E6	123.1E6	50.445	53.228
3)	MA gamma-BHC...	4.331	3.592	197.4E6	114.3E6	49.906m	51.149
4)	MA Heptachlor	4.923	3.931	201.0E6	123.7E6	51.311	54.996
5)	MB Aldrin	5.263	4.210	267.3E6	107.9E6	66.458m	47.361 #
6)	B beta-BHC	4.530	3.889	73448488	47431179	45.513	53.218
7)	B delta-BHC	4.778	4.118	187.8E6	114.6E6	50.935	52.880
8)	B Heptachlo...	5.692	4.713	264.6E6	148.9E6	74.015m	73.424
9)	A Endosulfan I	6.078	5.083	167.3E6	87666530	50.871m	46.802
10)	B gamma-Chl...	5.950	4.961	246.0E6	146.1E6	69.881	72.699m
11)	B alpha-Chl...	6.030	5.026	365.2E6	184.1E6	102.625	91.392
12)	B 4,4'-DDE	6.201	5.215	156.3E6	104.3E6	48.551	57.155
13)	MA Dieldrin	6.354	5.347	193.9E6	109.8E6	54.499m	53.791
14)	MA Endrin	6.586	5.623	148.3E6	93733642	48.898	51.749
15)	B Endosulfa...	6.806	5.918	150.2E6	107.9E6	48.487	63.052 #
16)	A 4,4'-DDD	6.720	5.770	144.2E6	80284281	56.289	57.452
17)	MA 4,4'-DDT	7.035	6.021	154.3E6	86324149	59.000	61.100
18)	B Endrin al...	6.935	6.097	106.5E6	67250238	44.828m	49.821
19)	B Endosulfa...	7.171	6.320	156.8E6	95706163	55.240	59.770
20)	A Methoxychlor	7.511	6.596	80138277	37962956	51.811	49.033
21)	B Endrin ke...	7.658	6.826	161.3E6	87594805	49.618m	46.328
22)	Mirex	8.133	7.007	105.8E6	69994385	44.010	45.710

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
Data File : PD077605.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Sep 2023 19:33
Operator : AR\AJ
Sample : 04219-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

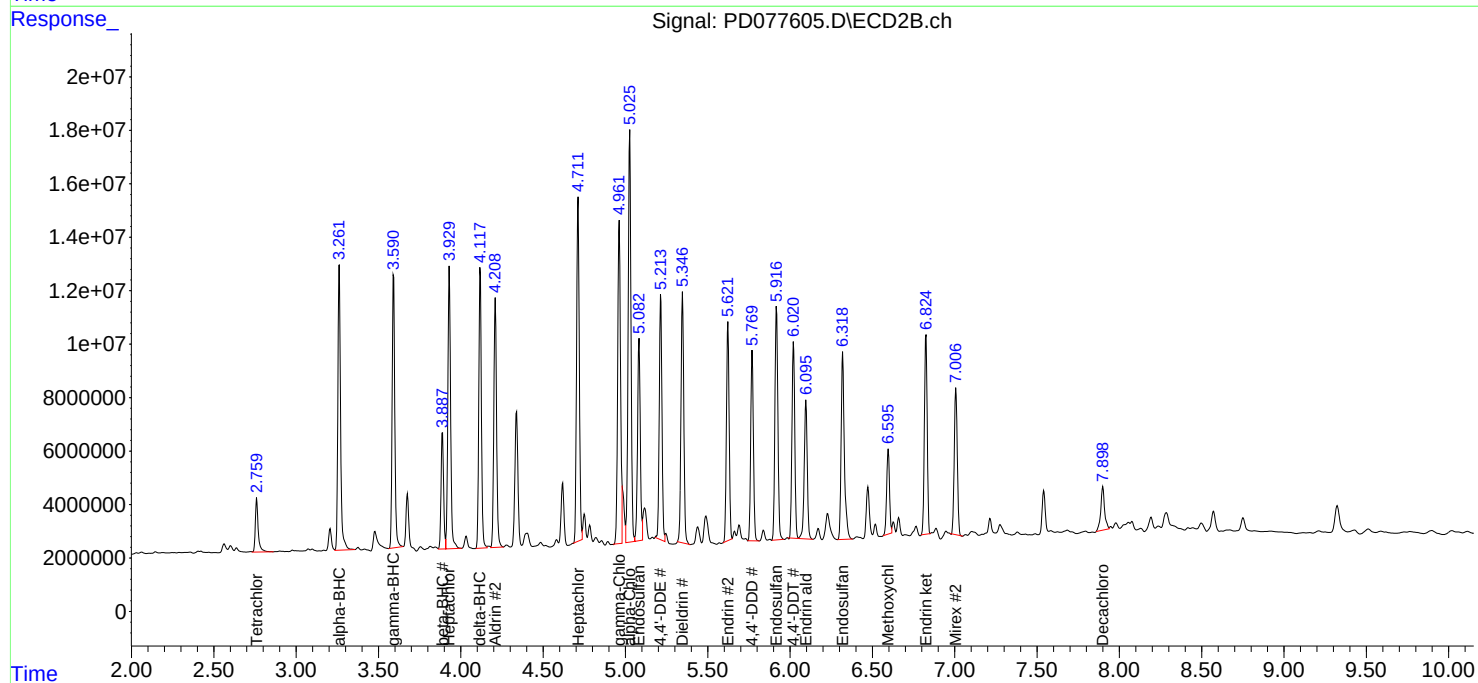
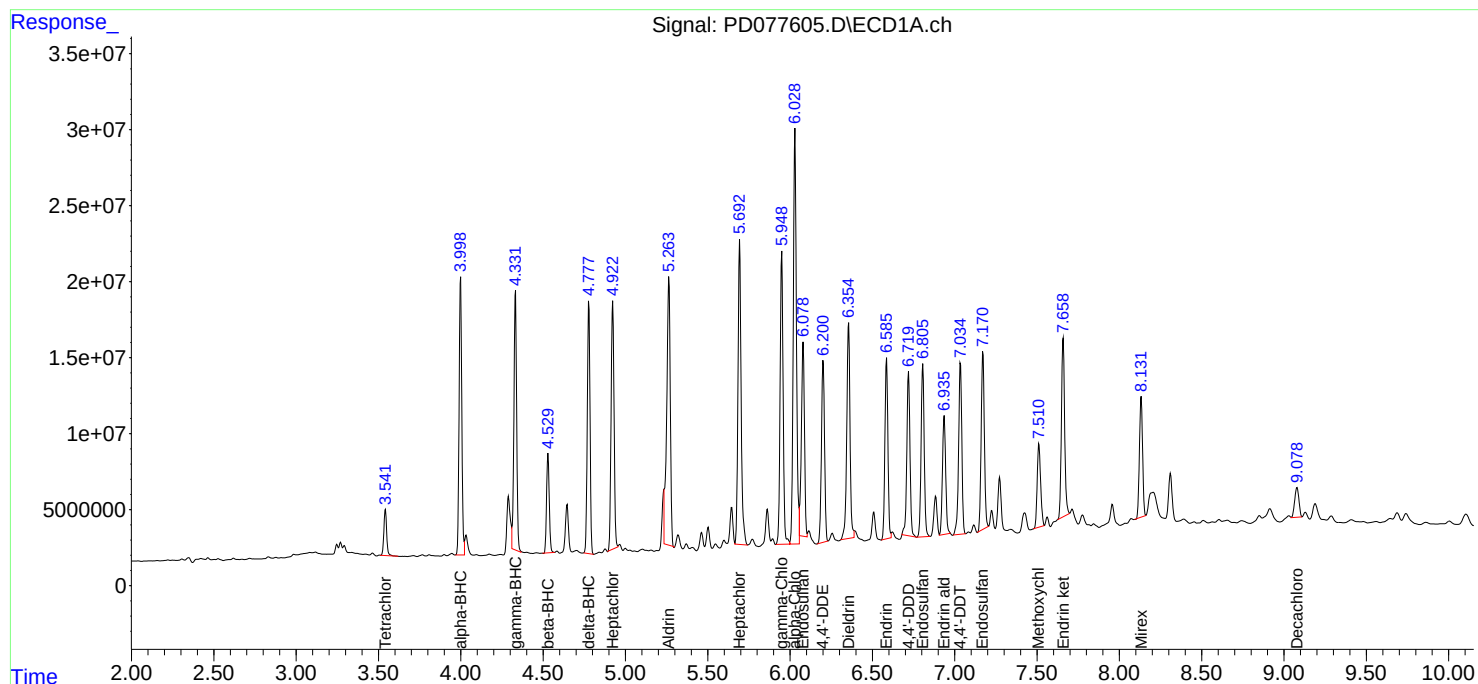
Instrument :
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ClientSampleId :
72-11939MSD

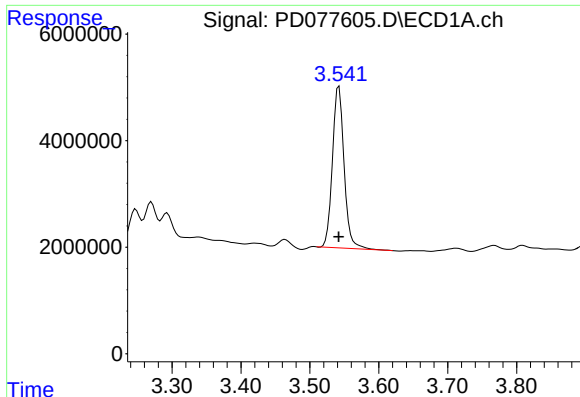
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 03 05:07:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
Quant Title : GC Extractables
QLast Update : Fri Sep 01 16:18:56 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





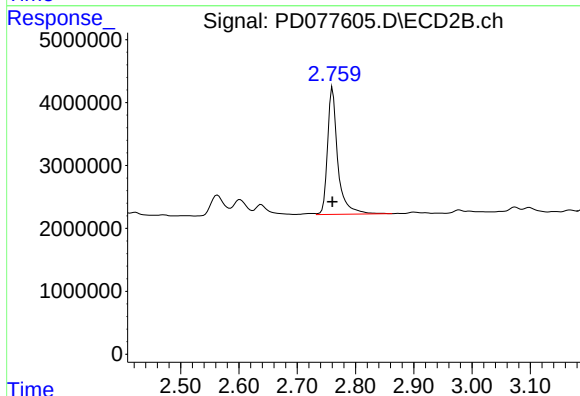
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 35526322
Conc: 13.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
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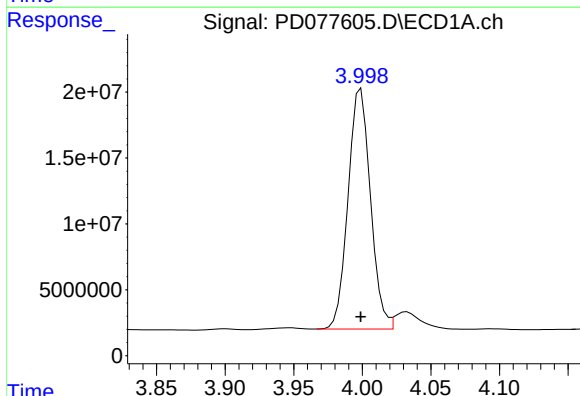
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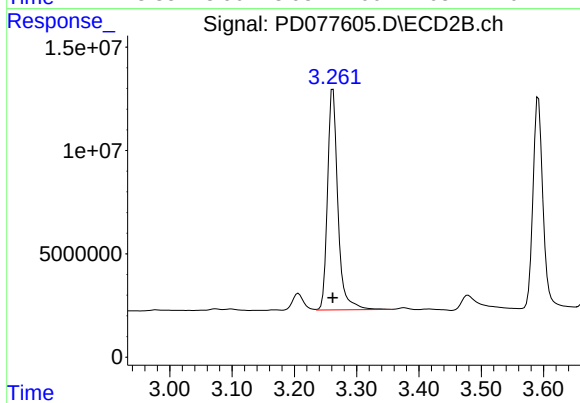
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 24689600
Conc: 15.61 ng/ml



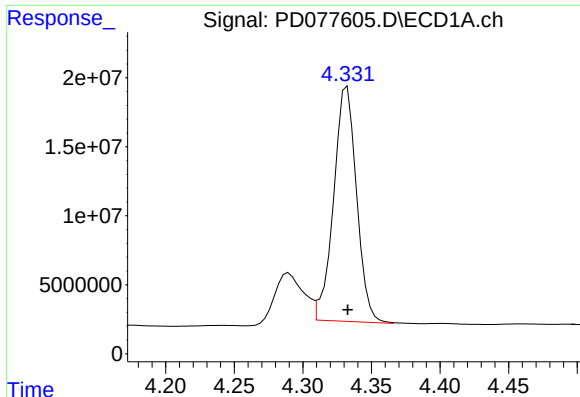
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 207537679
Conc: 50.44 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 123145043
Conc: 53.23 ng/ml



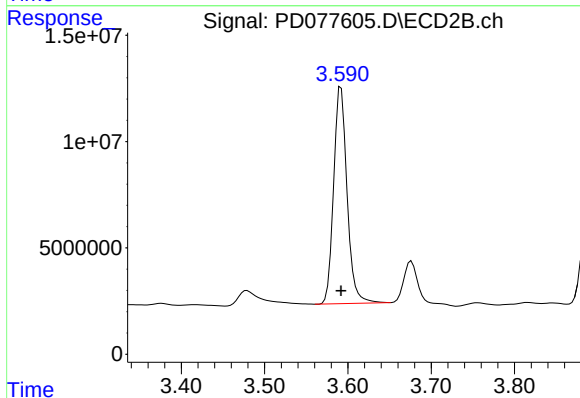
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 197425211
Conc: 49.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MSD

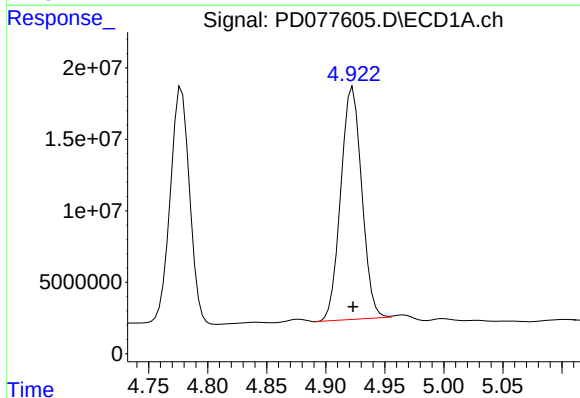
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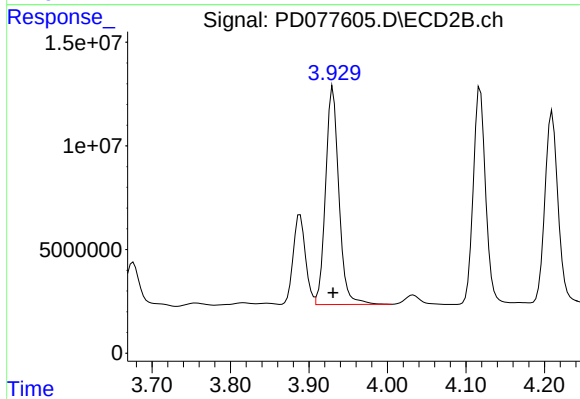
#3 gamma-BHC (Lindane)

R.T.: 3.592 min
Delta R.T.: 0.000 min
Response: 114341187
Conc: 51.15 ng/ml



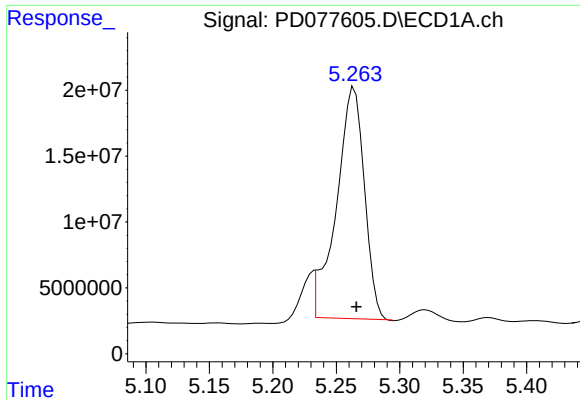
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 201032683
Conc: 51.31 ng/ml



#4 Heptachlor

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 123708338
Conc: 55.00 ng/ml



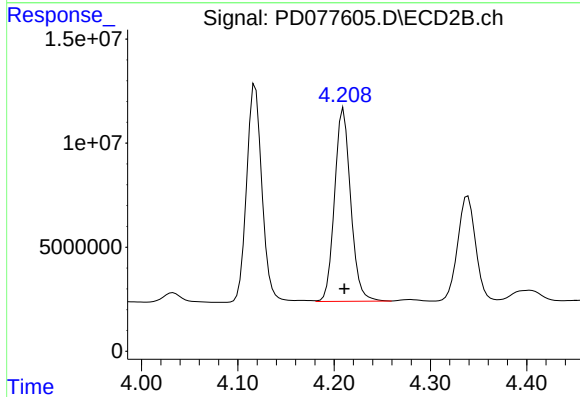
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 267281340
Conc: 66.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MSD

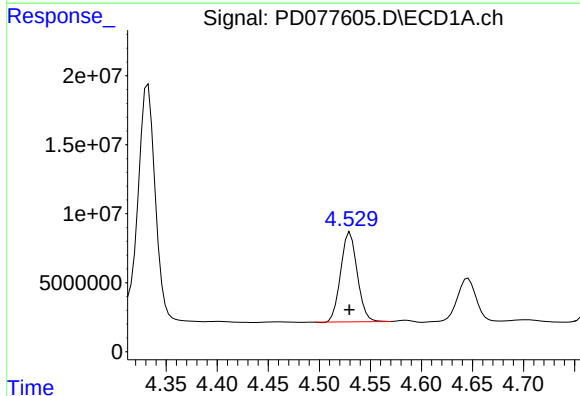
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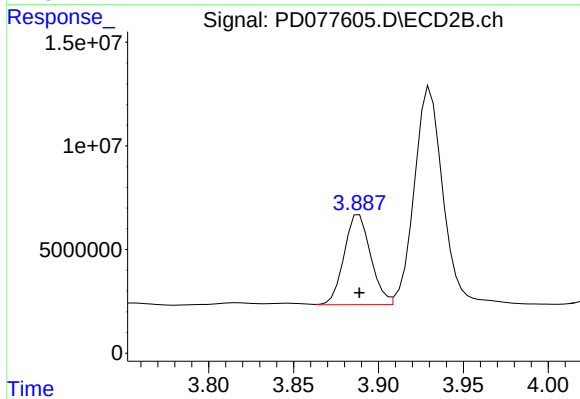
#5 Aldrin

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 107890774
Conc: 47.36 ng/ml



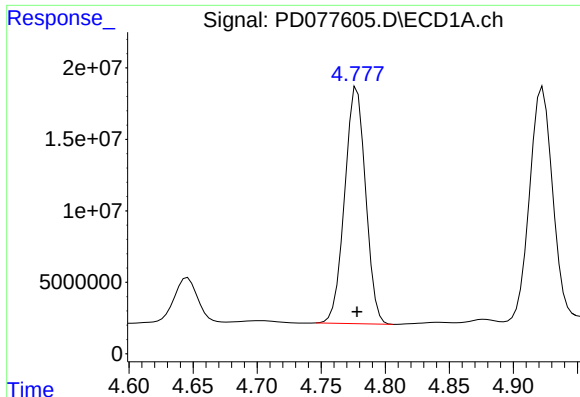
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 73448488
Conc: 45.51 ng/ml



#6 beta-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 47431179
Conc: 53.22 ng/ml



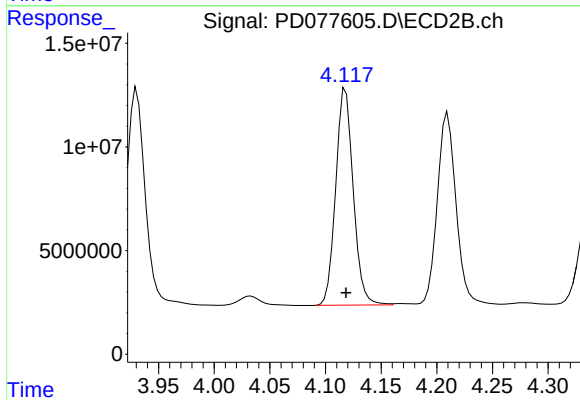
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 187764707
Conc: 50.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MSD

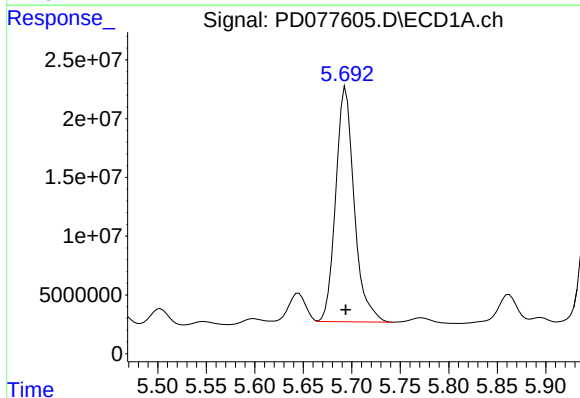
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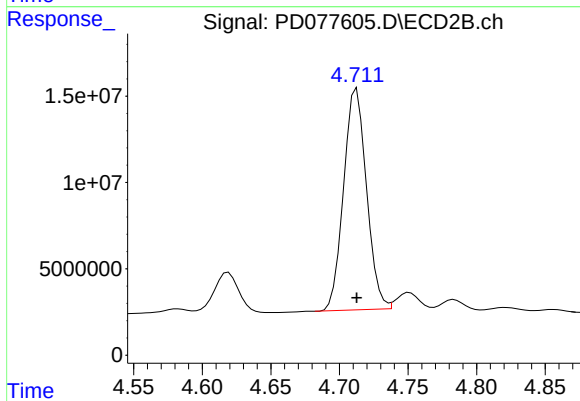
#7 delta-BHC

R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 114634928
Conc: 52.88 ng/ml



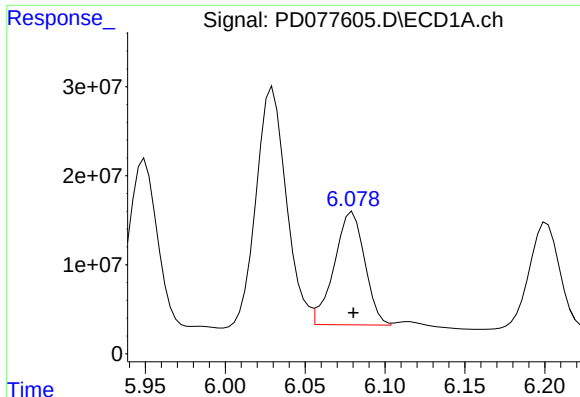
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 264647794
Conc: 74.02 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 148920191
Conc: 73.42 ng/ml



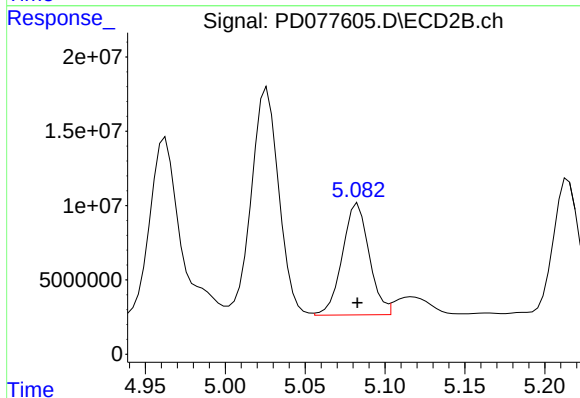
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: -0.002 min
Response: 167316862
Conc: 50.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MSD

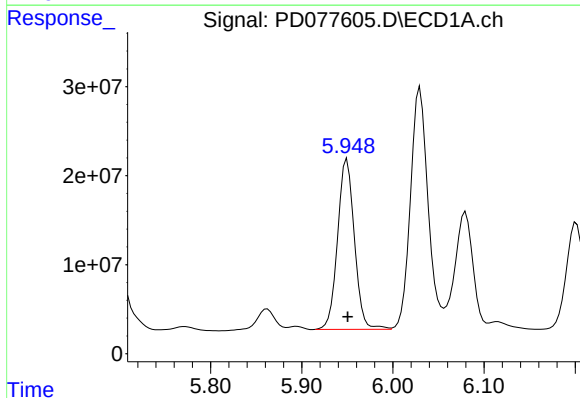
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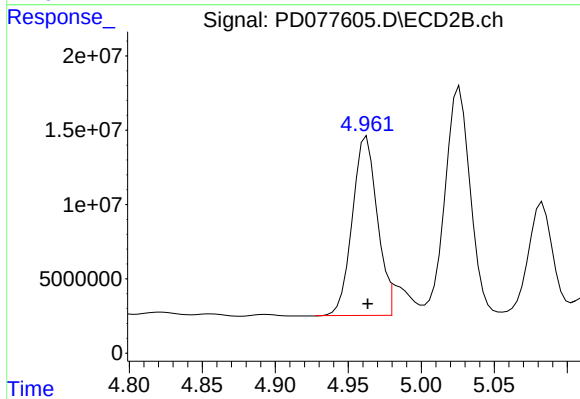
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 87666530
Conc: 46.80 ng/ml



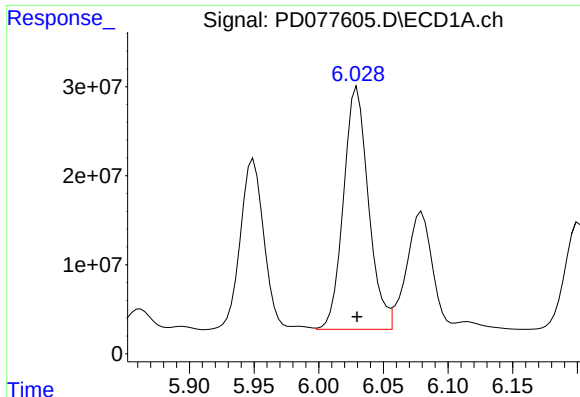
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 246004223
Conc: 69.88 ng/ml



#10 gamma-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 146138085
Conc: 72.70 ng/ml m



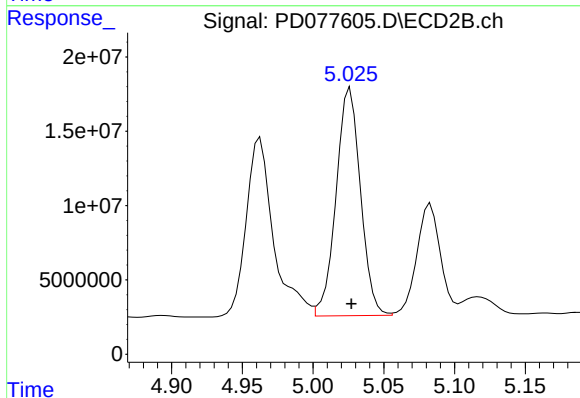
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 365174332
Conc: 102.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MSD

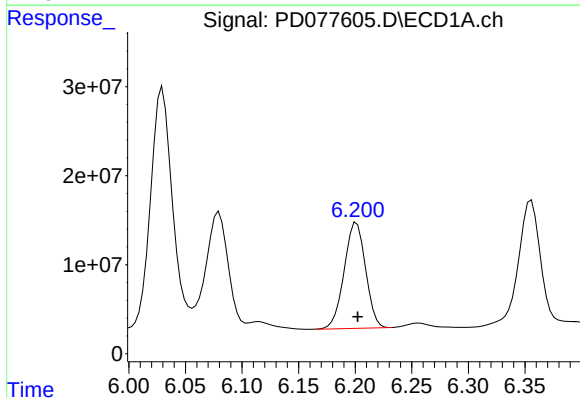
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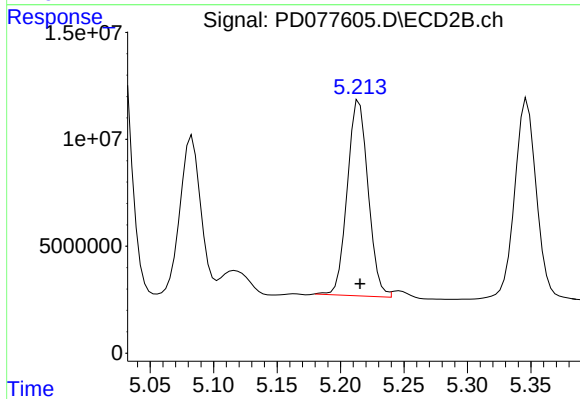
#11 alpha-Chlordane

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 184127053
Conc: 91.39 ng/ml



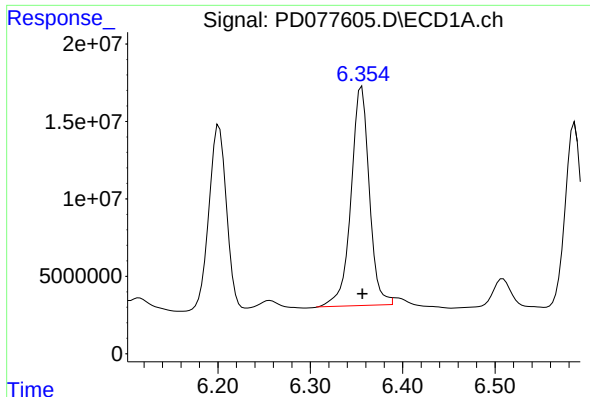
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 156315407
Conc: 48.55 ng/ml



#12 4,4'-DDE

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 104324147
Conc: 57.15 ng/ml



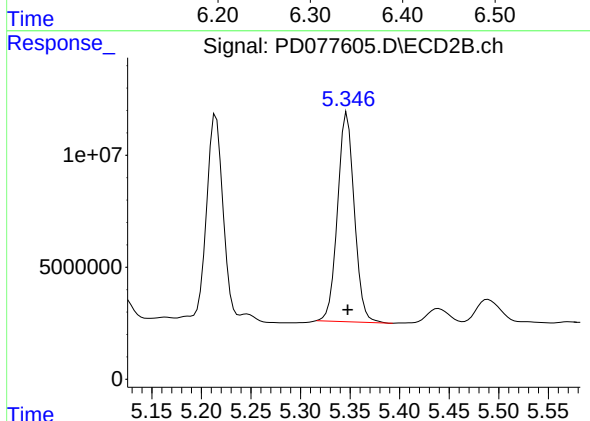
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 193898065
Conc: 54.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MSD

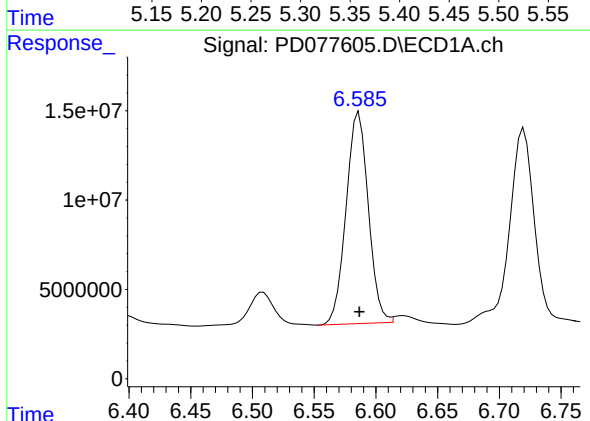
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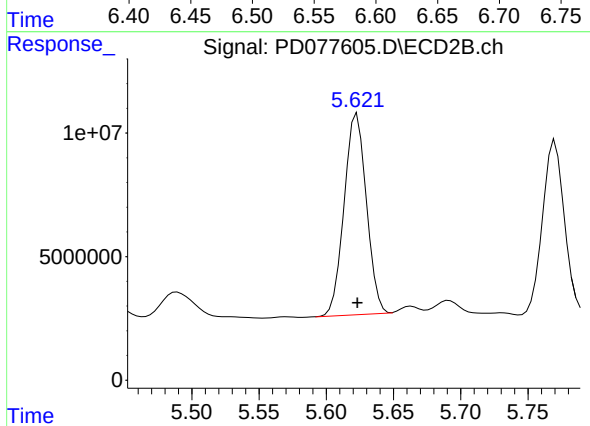
#13 Dieldrin

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 109830430
Conc: 53.79 ng/ml



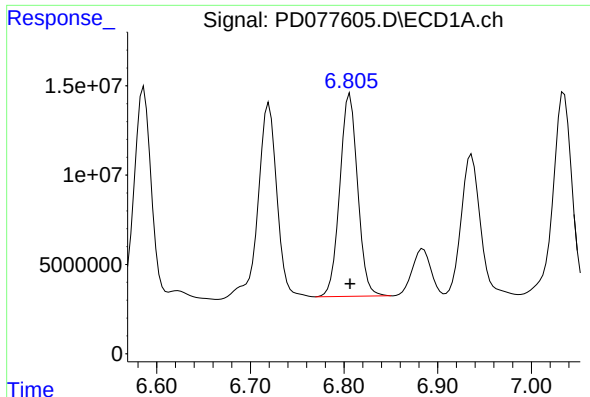
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 148316255
Conc: 48.90 ng/ml



#14 Endrin

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 93733642
Conc: 51.75 ng/ml



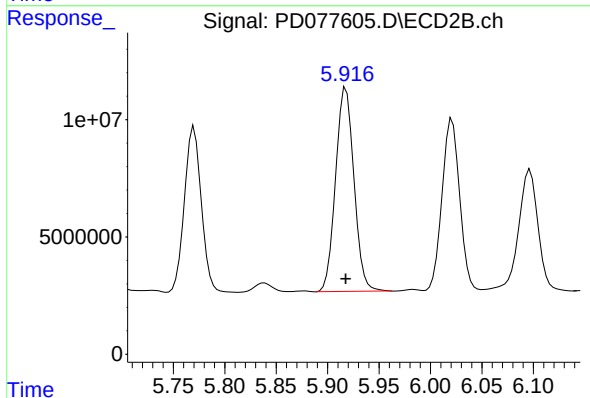
#15 Endosulfan II

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 150241788
Conc: 48.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MSD

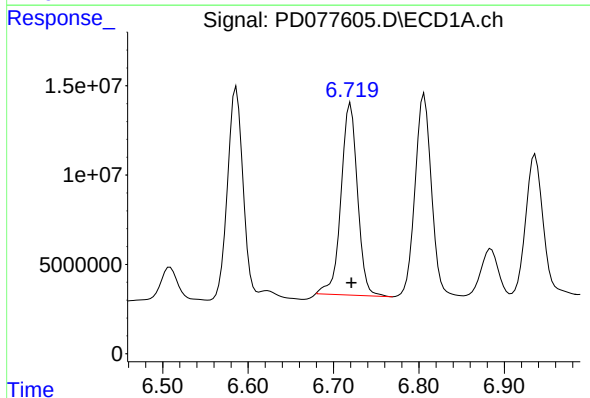
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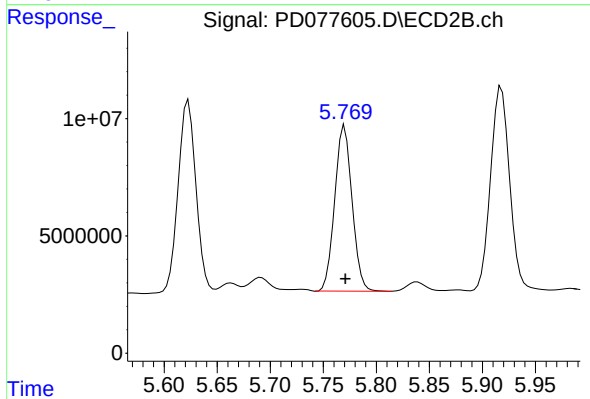
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 107886012
Conc: 63.05 ng/ml



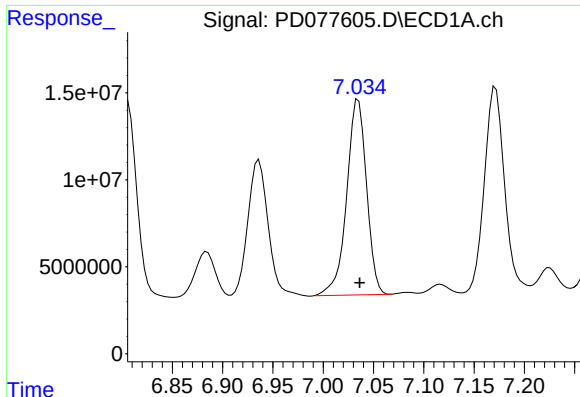
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.001 min
Response: 144229032
Conc: 56.29 ng/ml



#16 4,4'-DDD

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 80284281
Conc: 57.45 ng/ml



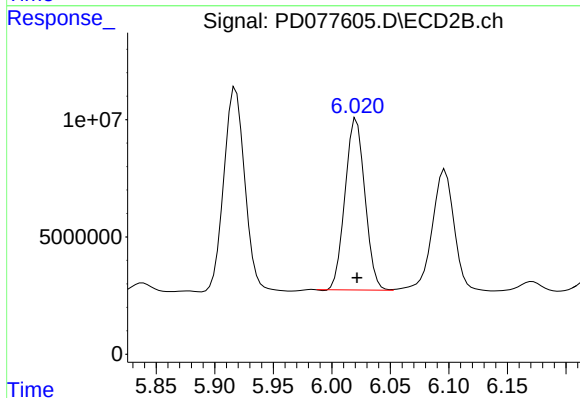
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: -0.001 min
Response: 154302691
Conc: 59.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MSD

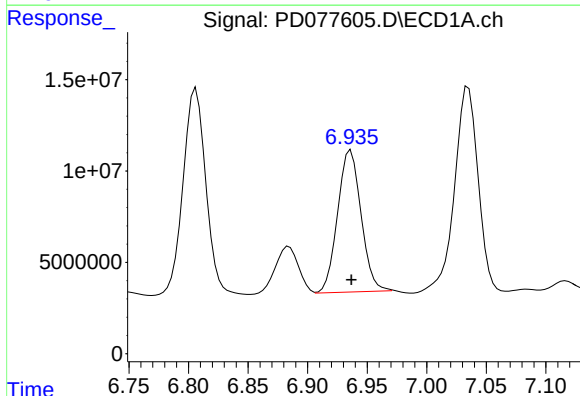
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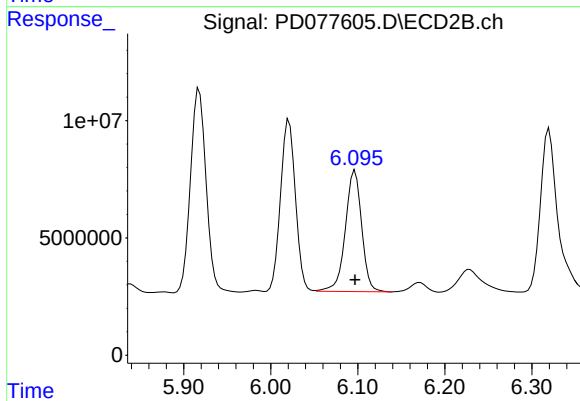
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 86324149
Conc: 61.10 ng/ml



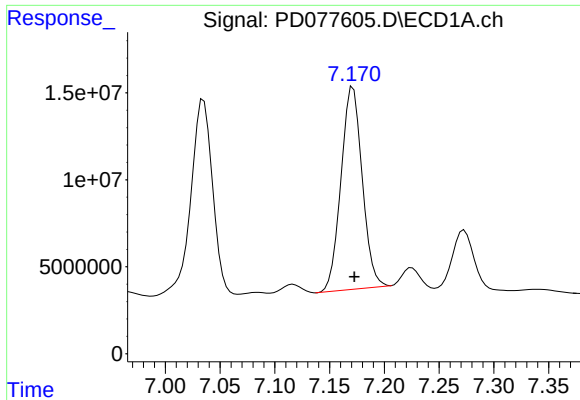
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: -0.002 min
Response: 106528227
Conc: 44.83 ng/ml m



#18 Endrin aldehyde

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 67250238
Conc: 49.82 ng/ml



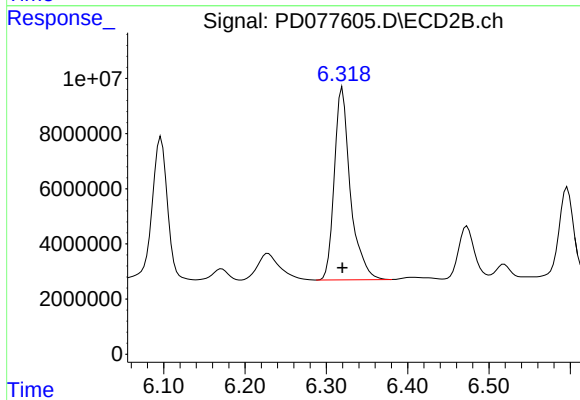
#19 Endosulfan Sulfate

R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 156765034
Conc: 55.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MSD

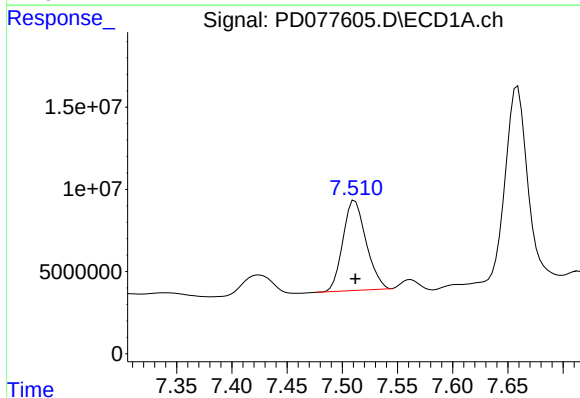
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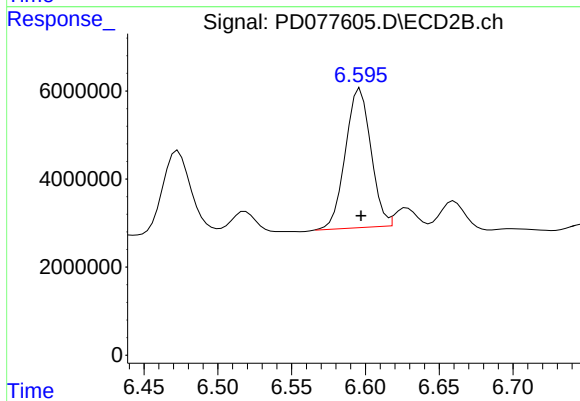
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 95706163
Conc: 59.77 ng/ml



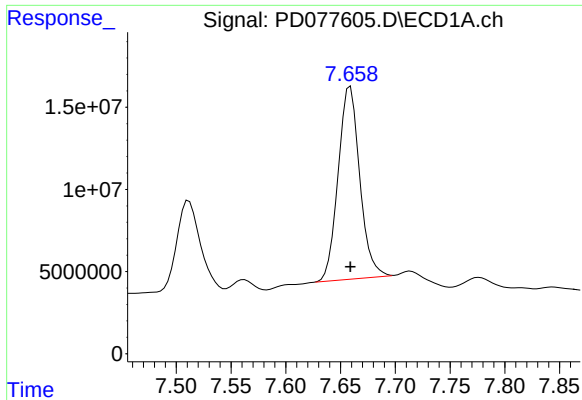
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 80138277
Conc: 51.81 ng/ml



#20 Methoxychlor

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 37962956
Conc: 49.03 ng/ml



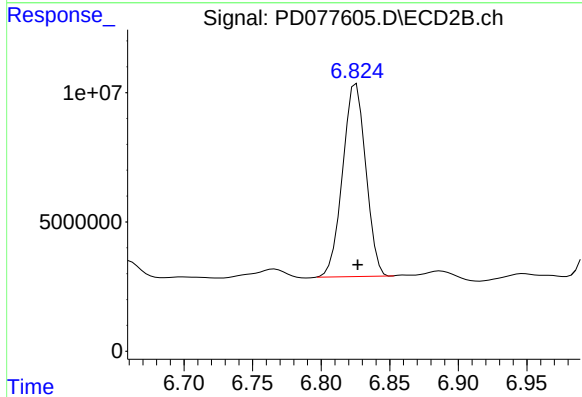
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 161259451
Conc: 49.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MSD

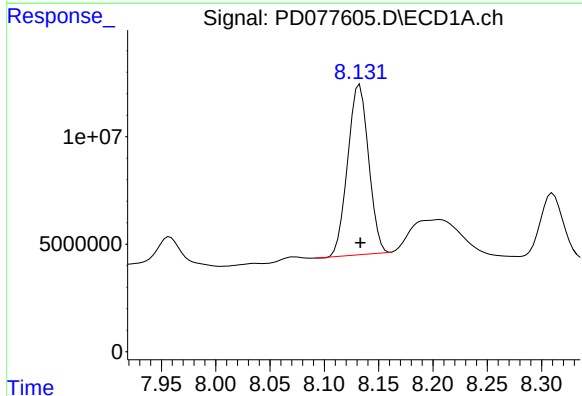
Manual Integrations
APPROVED

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



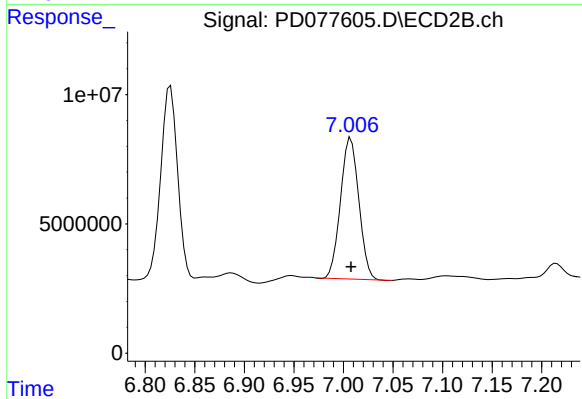
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 87594805
Conc: 46.33 ng/ml



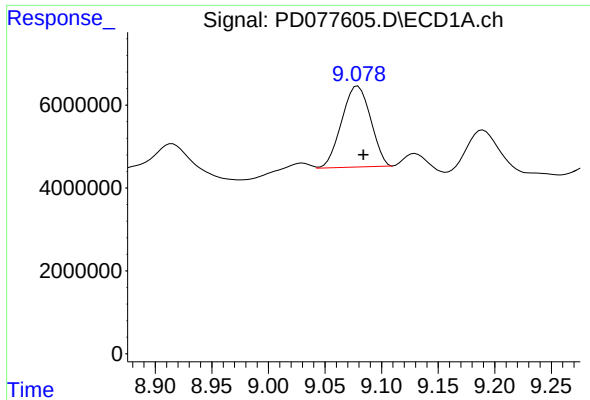
#22 Mirex

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 105845500
Conc: 44.01 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 69994385
Conc: 45.71 ng/ml



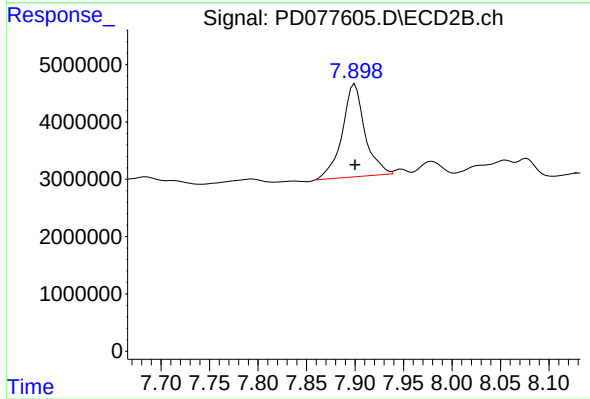
#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: -0.006 min
Response: 34799099
Conc: 11.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MSD

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#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 26311905
Conc: 15.25 ng/ml