

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077604.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 19:20
 Operator : AR\AJ
 Sample : 04219-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11939MS

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 05:07:36 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	34313149	24303062	13.514	15.366
2)	SA Decachlor...	9.079	7.899	31974006	24667633	10.496	14.295 #
Target Compounds							
2)	A alpha-BHC	3.999	3.262	200.9E6	119.2E6	48.837	51.525
3)	MA gamma-BHC...	4.331	3.592	191.0E6	110.5E6	48.277m	49.422
4)	MA Heptachlor	4.923	3.931	194.4E6	119.5E6	49.622	53.140
5)	MB Aldrin	5.262	4.210	259.7E6	105.1E6	64.581m	46.158 #
6)	B beta-BHC	4.528	3.889	71845386	45536604	44.520m	51.092
7)	B delta-BHC	4.778	4.118	181.1E6	110.1E6	49.118	50.777
8)	B Heptachlo...	5.692	4.713	253.1E6	144.8E6	70.774m	71.389
9)	A Endosulfan I	6.079	5.083	166.9E6	85586163	50.747m	45.691
10)	B gamma-Chl...	5.950	4.962	241.6E6	143.3E6	68.634	71.302m
11)	B alpha-Chl...	6.030	5.026	351.5E6	178.4E6	98.791	88.536
12)	B 4,4'-DDE	6.201	5.215	150.4E6	101.9E6	46.717	55.819
13)	MA Dieldrin	6.354	5.348	189.2E6	107.4E6	53.175m	52.591
14)	MA Endrin	6.586	5.623	142.4E6	92033303	46.960	50.810
15)	B Endosulfa...	6.806	5.918	145.5E6	105.4E6	46.949	61.596 #
16)	A 4,4'-DDD	6.720	5.771	139.5E6	77391769	54.452	55.382
17)	MA 4,4'-DDT	7.035	6.021	149.0E6	83382486	56.967	59.018
18)	B Endrin al...	6.935	6.097	100.8E6	64856297	42.413m	48.048
19)	B Endosulfa...	7.171	6.320	152.5E6	93063679	53.748	58.120
20)	A Methoxychlor	7.511	6.596	78148637	37323368	50.524	48.207
21)	B Endrin ke...	7.657	6.826	155.4E6	85657632	47.802m	45.303
22)	Mirex	8.132	7.007	109.5E6	68524415	45.513	44.750

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
Data File : PD077604.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Sep 2023 19:20
Operator : AR\AJ
Sample : 04219-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

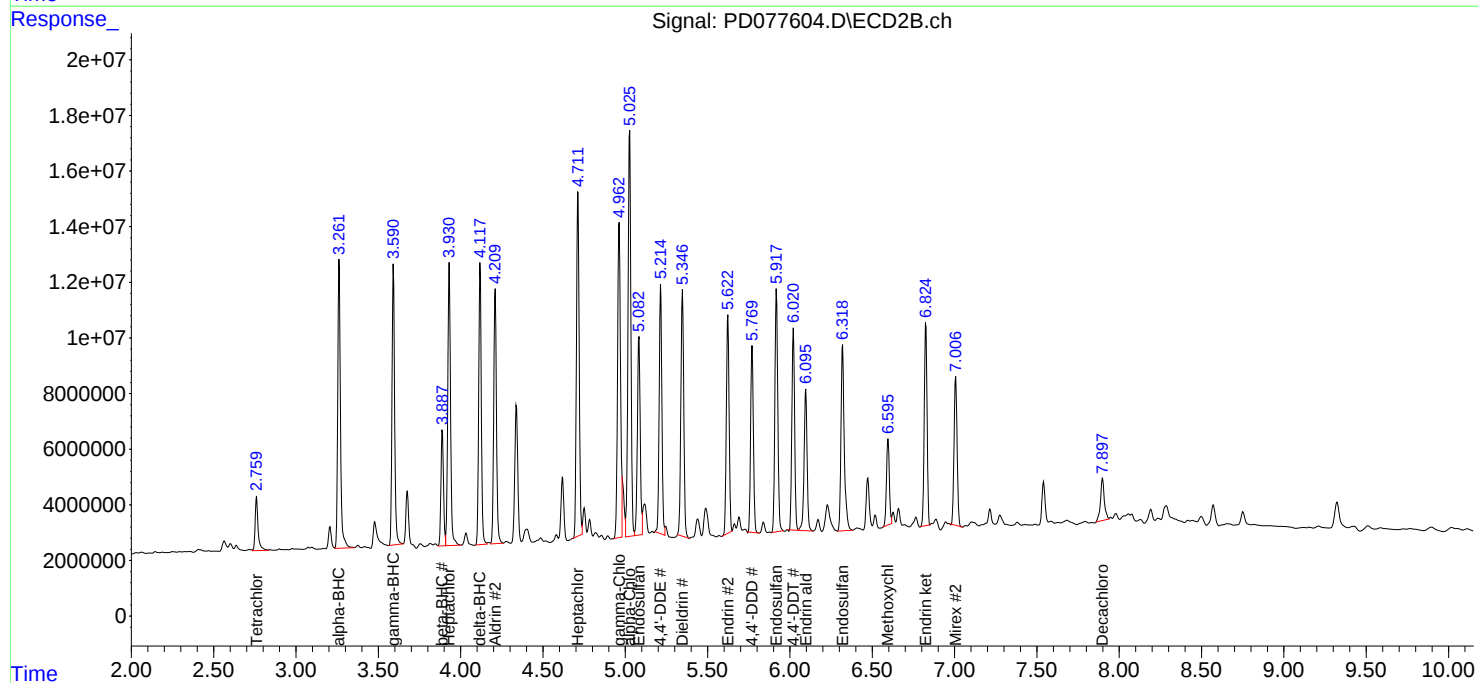
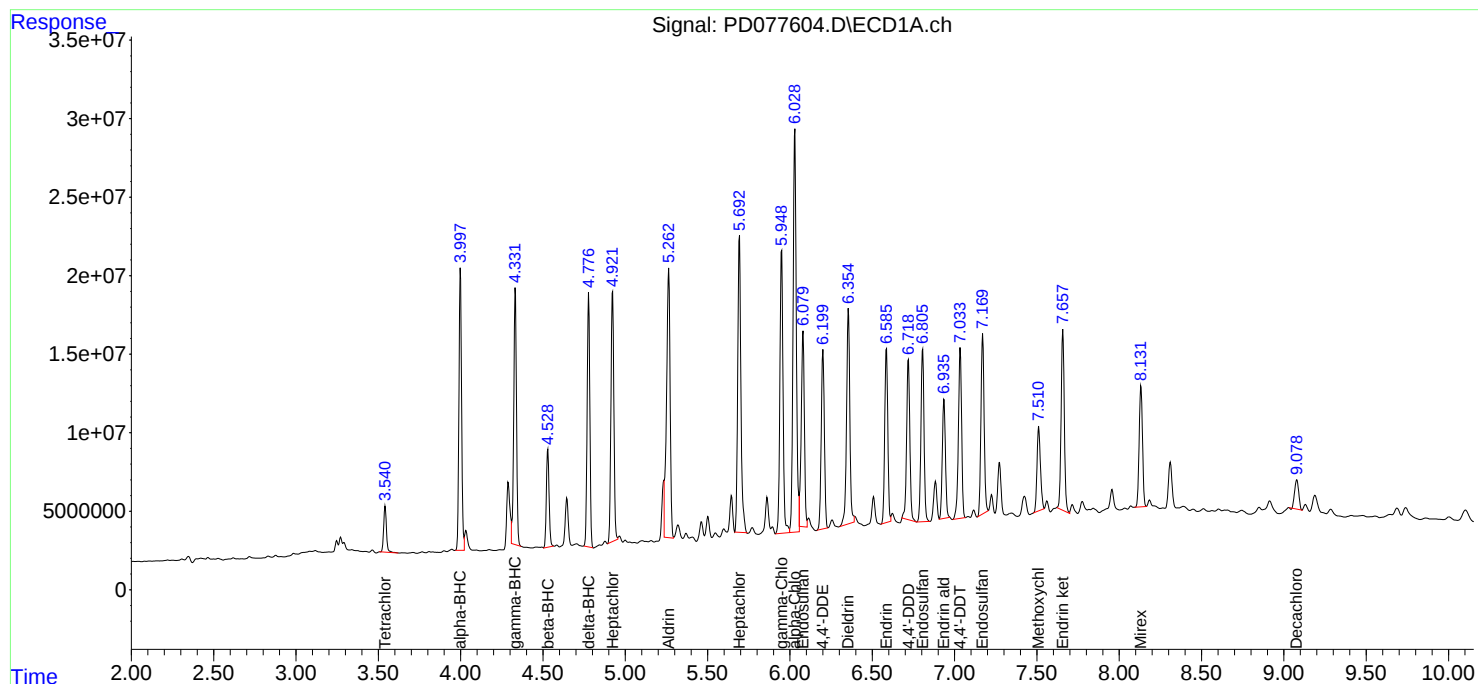
Instrument :
ECD_D
ClientSampleId :
72-11939MS

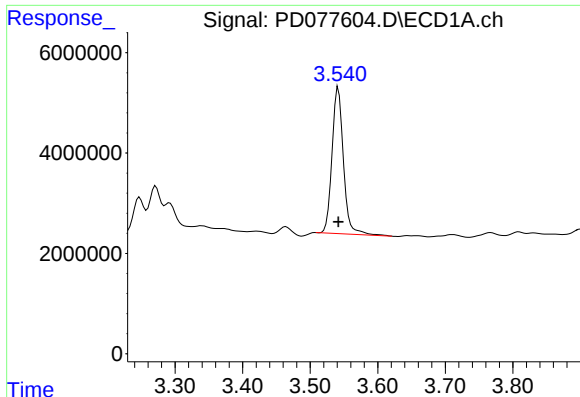
Manual Integrations
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Supervised By : Ankita Jodhani 09/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 03 05:07:36 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





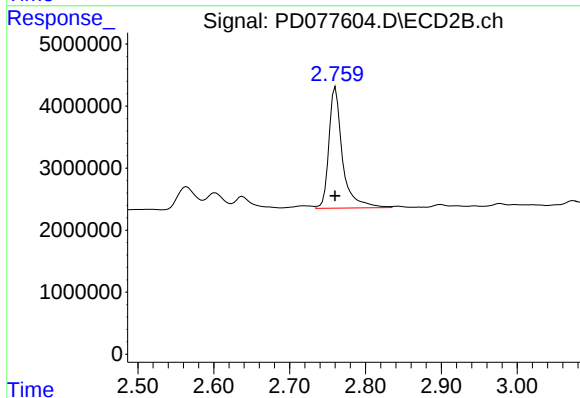
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 34313149
Conc: 13.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS

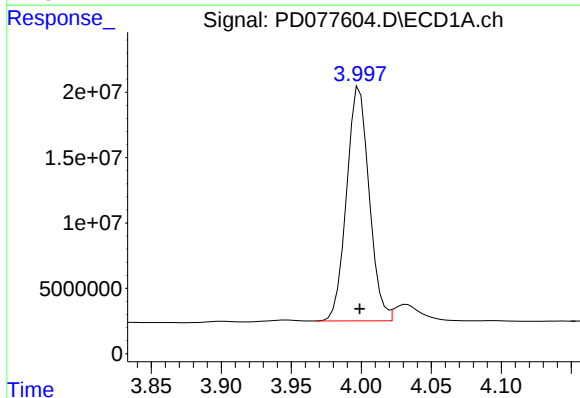
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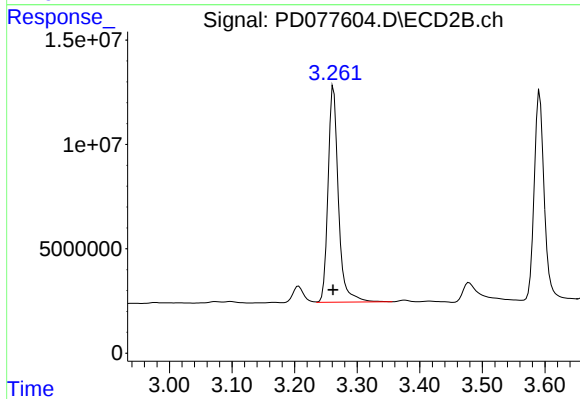
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 24303062
Conc: 15.37 ng/ml



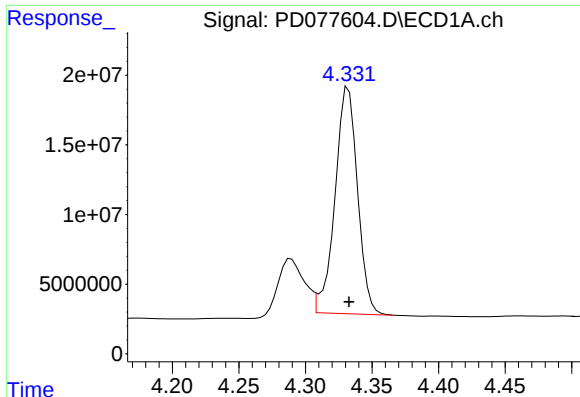
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 200922100
Conc: 48.84 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 119206280
Conc: 51.53 ng/ml



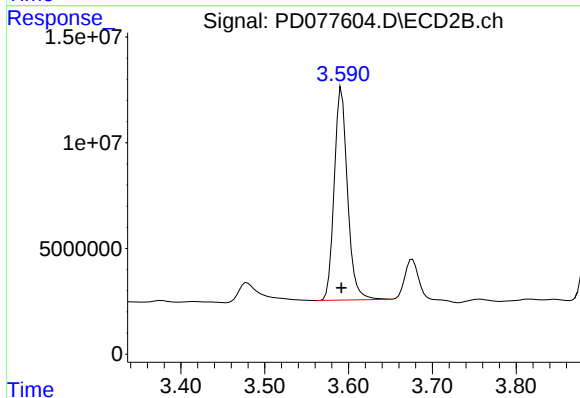
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 190981117
Conc: 48.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS

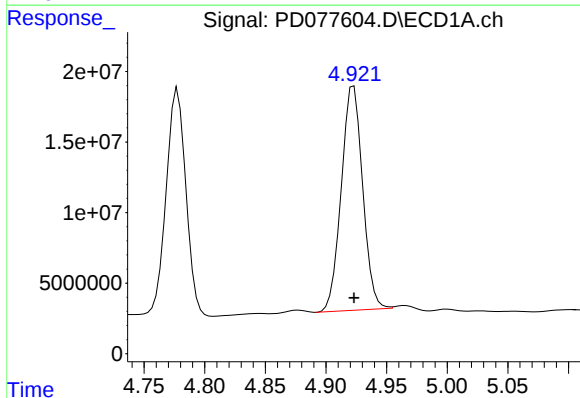
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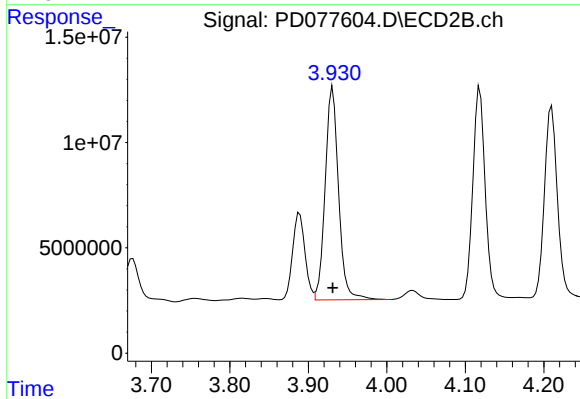
#3 gamma-BHC (Lindane)

R.T.: 3.592 min
Delta R.T.: 0.000 min
Response: 110481546
Conc: 49.42 ng/ml



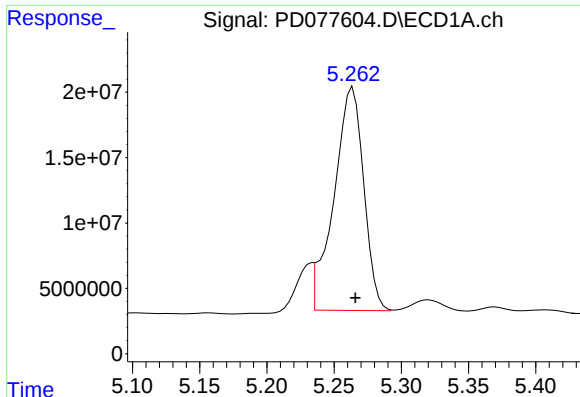
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 194415400
Conc: 49.62 ng/ml



#4 Heptachlor

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 119533052
Conc: 53.14 ng/ml



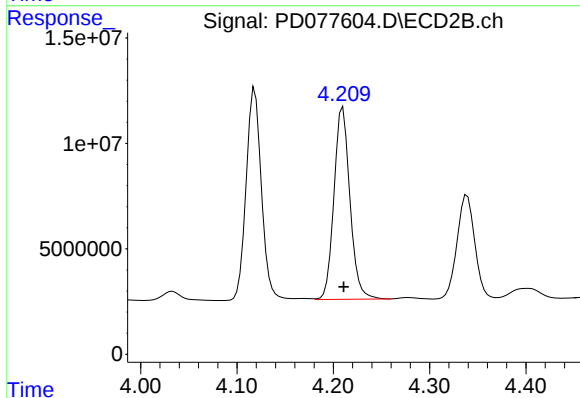
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 259732241
Conc: 64.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS

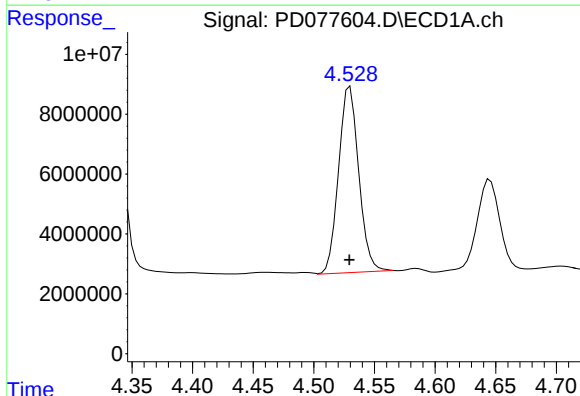
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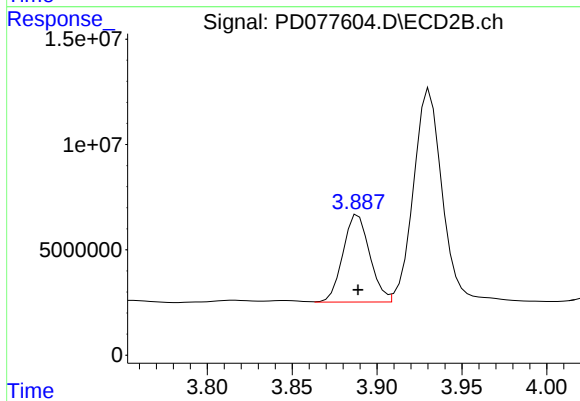
#5 Aldrin

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 105149210
Conc: 46.16 ng/ml



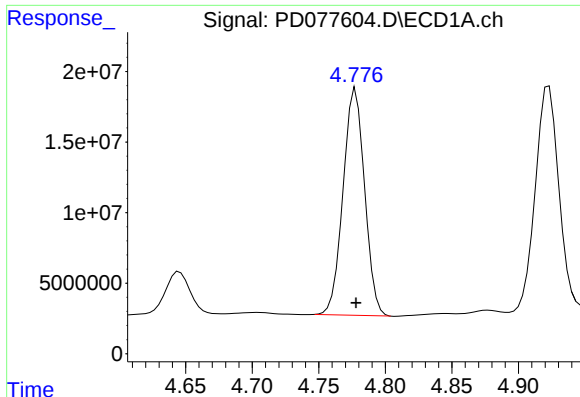
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 71845386
Conc: 44.52 ng/ml m



#6 beta-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 45536604
Conc: 51.09 ng/ml



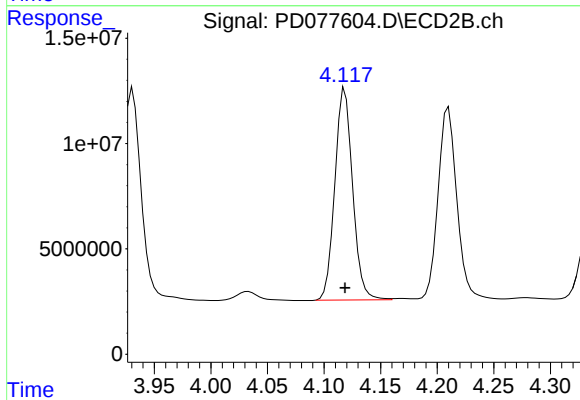
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 181067243
Conc: 49.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS

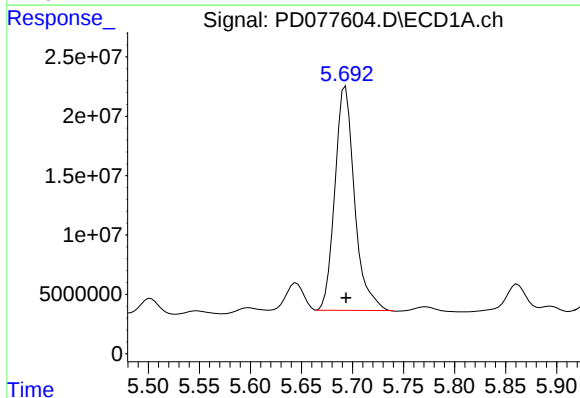
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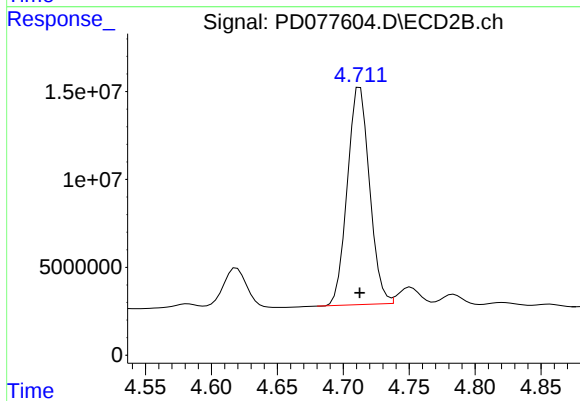
#7 delta-BHC

R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 110077531
Conc: 50.78 ng/ml



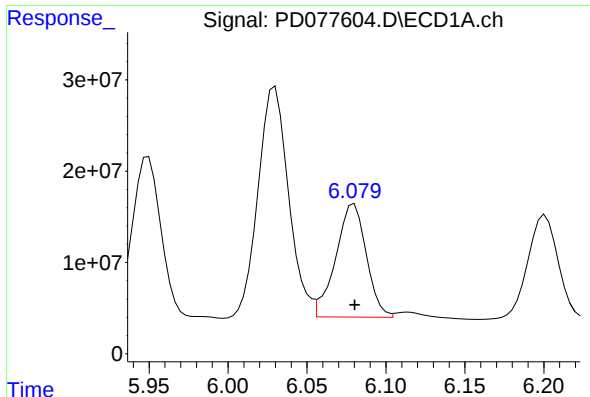
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 253058864
Conc: 70.77 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 144791372
Conc: 71.39 ng/ml



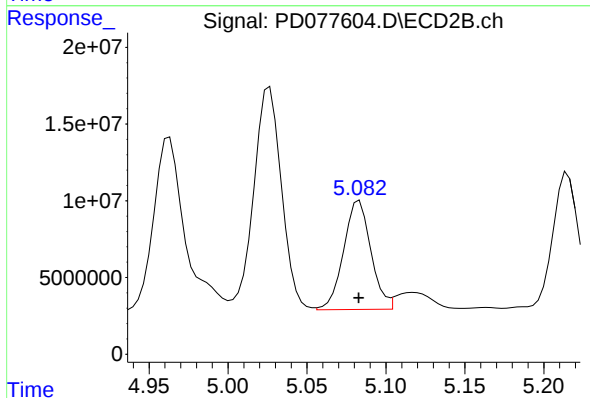
#9 Endosulfan I

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 166911817
Conc: 50.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS

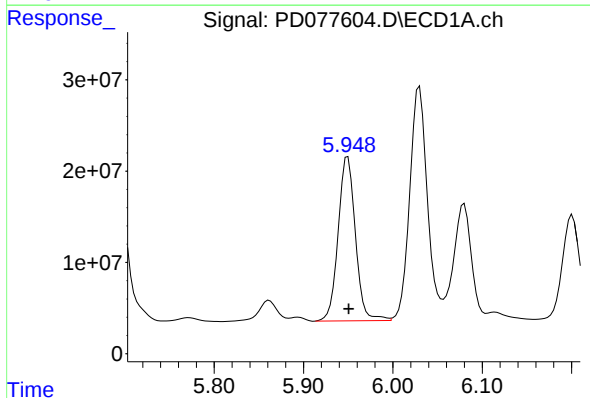
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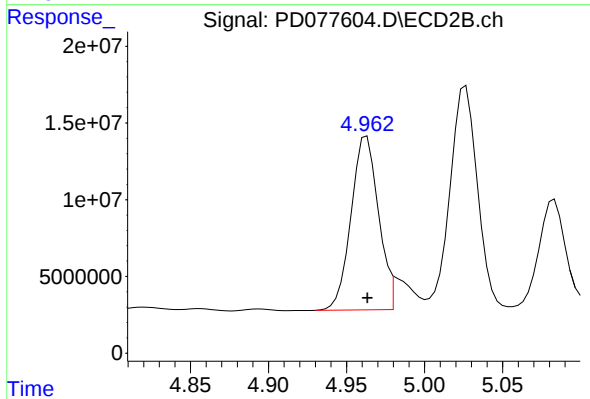
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 85586163
Conc: 45.69 ng/ml



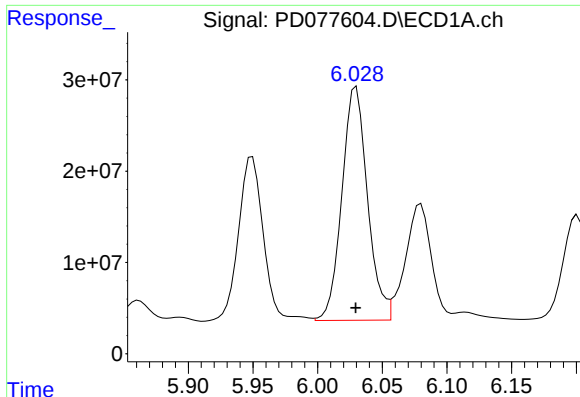
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 241613132
Conc: 68.63 ng/ml



#10 gamma-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.002 min
Response: 143331110
Conc: 71.30 ng/ml m



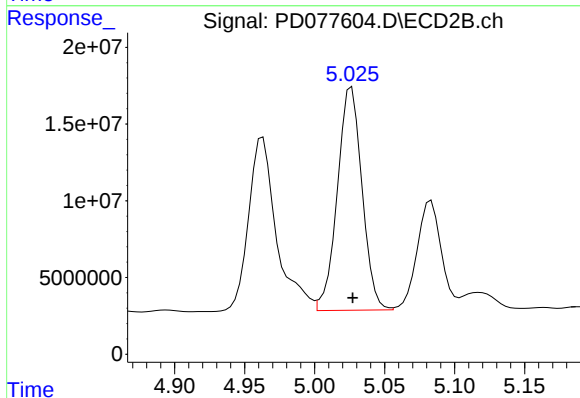
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 351531698
Conc: 98.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS

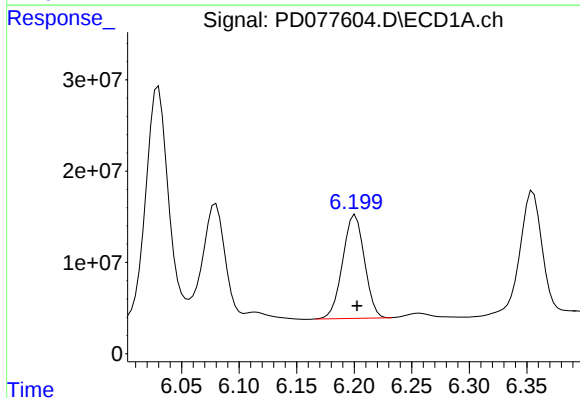
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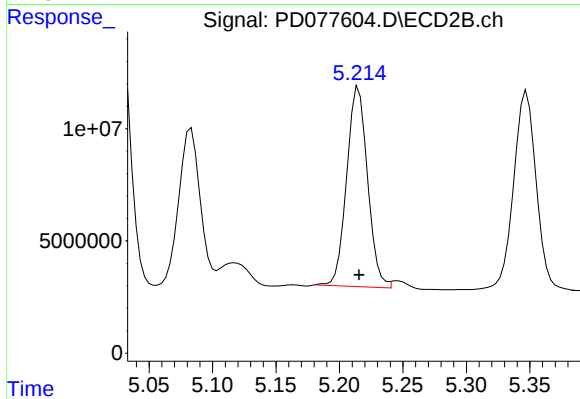
#11 alpha-Chlordane

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 178373716
Conc: 88.54 ng/ml



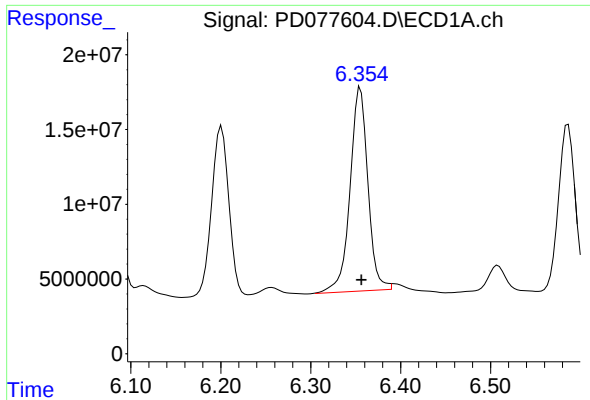
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 150411523
Conc: 46.72 ng/ml



#12 4,4'-DDE

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 101885819
Conc: 55.82 ng/ml



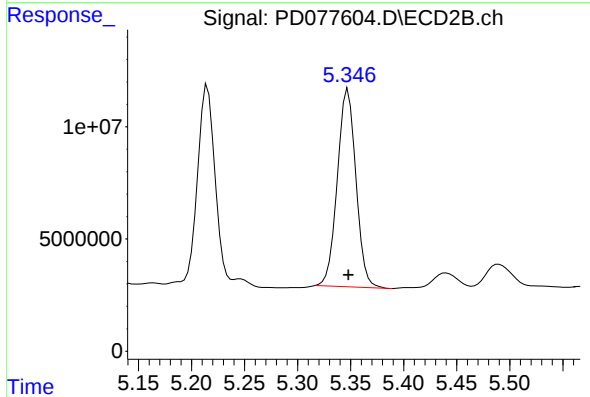
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 189186862
Conc: 53.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS

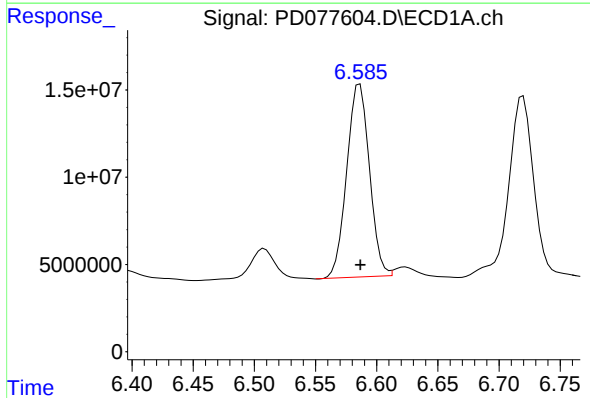
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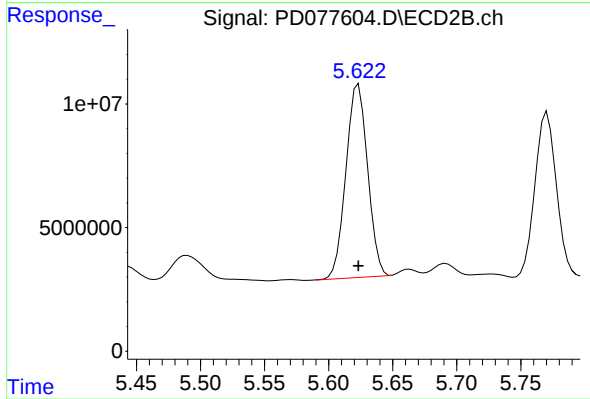
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 107381297
Conc: 52.59 ng/ml



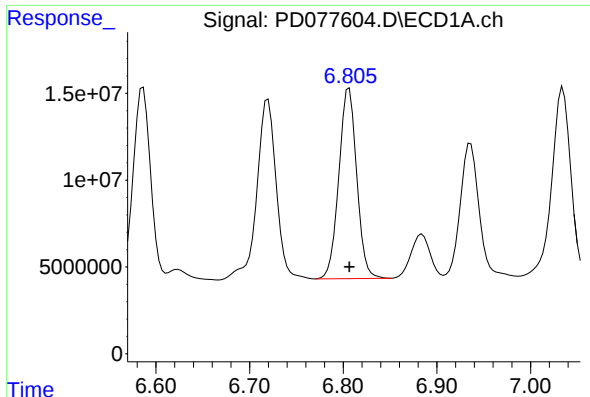
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 142437419
Conc: 46.96 ng/ml



#14 Endrin

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 92033303
Conc: 50.81 ng/ml



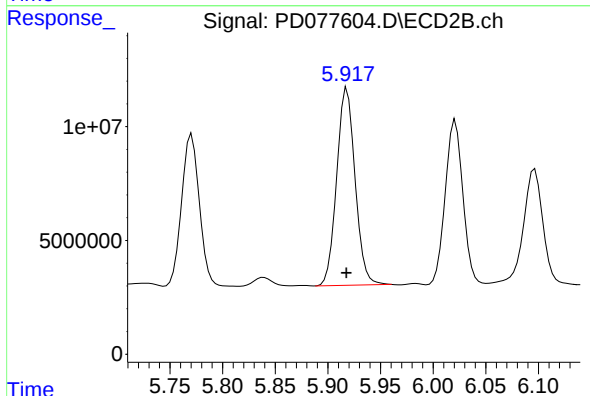
#15 Endosulfan II

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 145476226
Conc: 46.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS

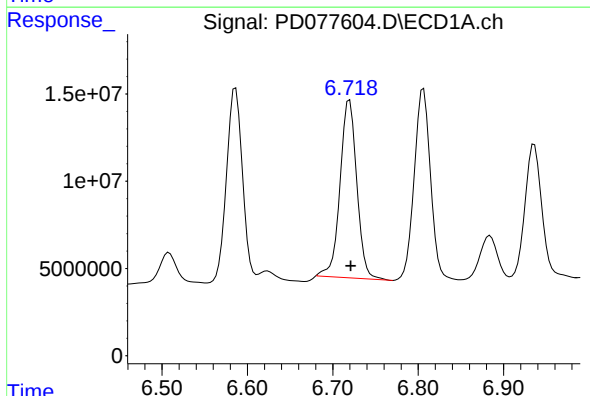
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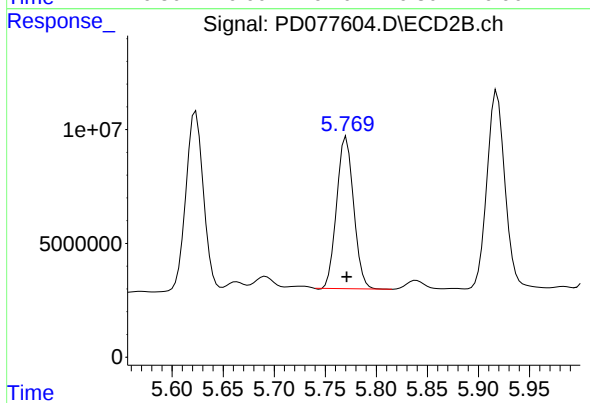
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 105394256
Conc: 61.60 ng/ml



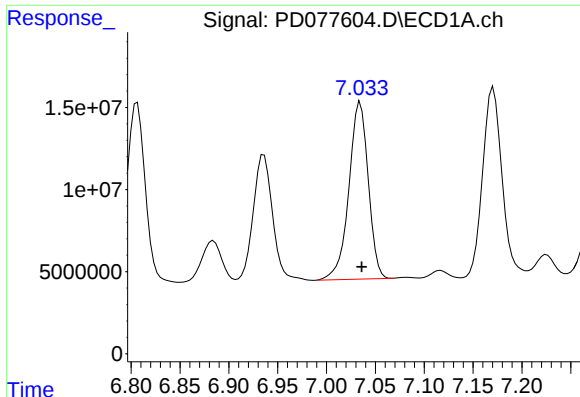
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.001 min
Response: 139522444
Conc: 54.45 ng/ml



#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 77391769
Conc: 55.38 ng/ml



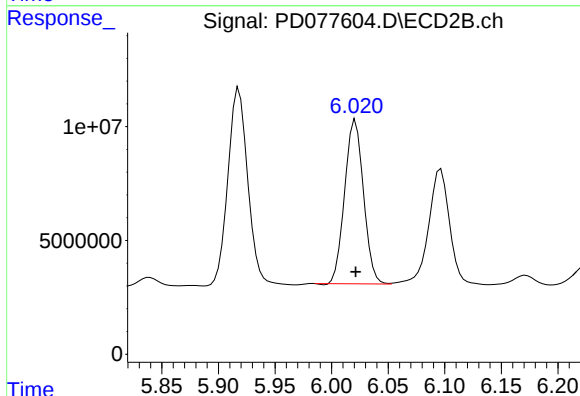
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: -0.002 min
Response: 148985982
Conc: 56.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS

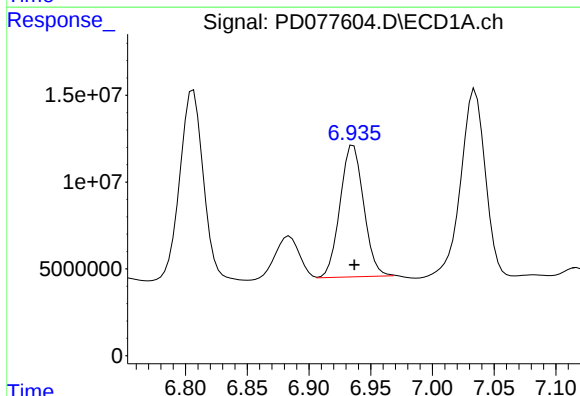
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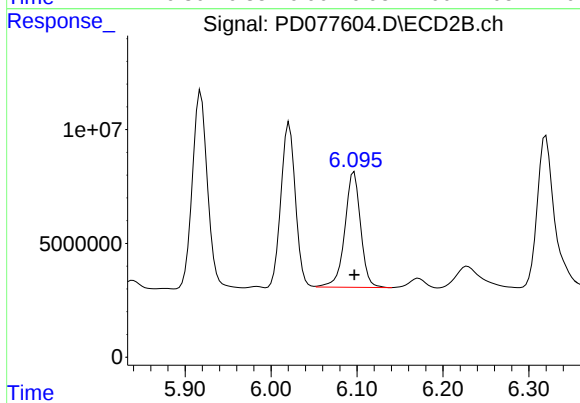
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 83382486
Conc: 59.02 ng/ml



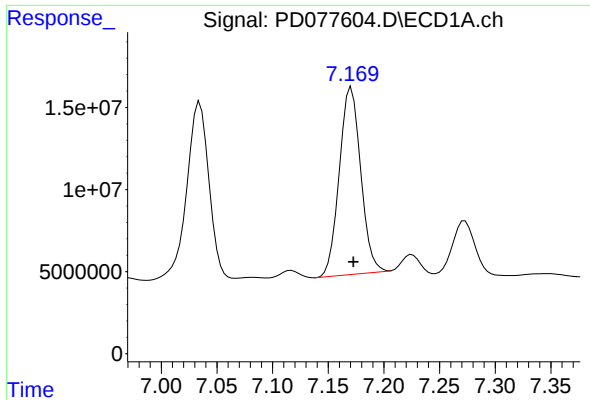
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: -0.002 min
Response: 100791106
Conc: 42.41 ng/ml m



#18 Endrin aldehyde

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 64856297
Conc: 48.05 ng/ml



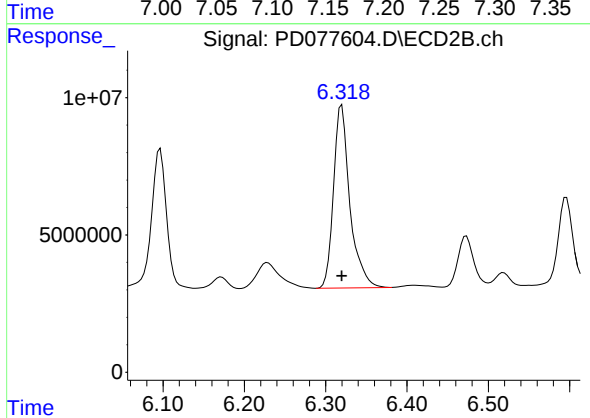
#19 Endosulfan Sulfate

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 152531269
Conc: 53.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS

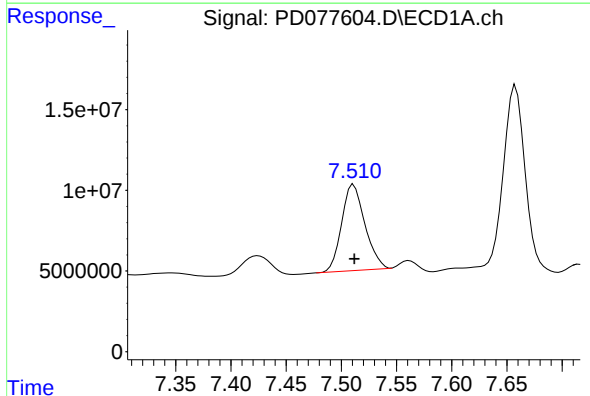
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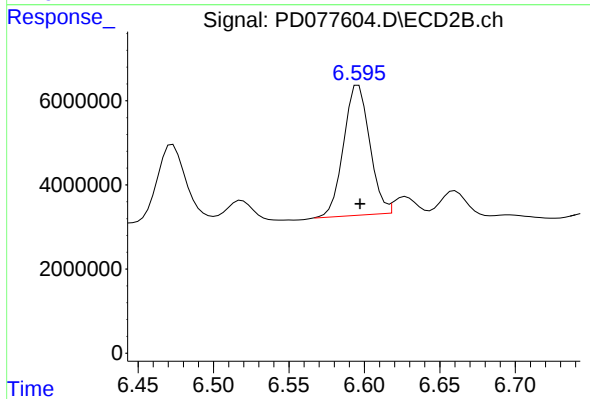
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 93063679
Conc: 58.12 ng/ml



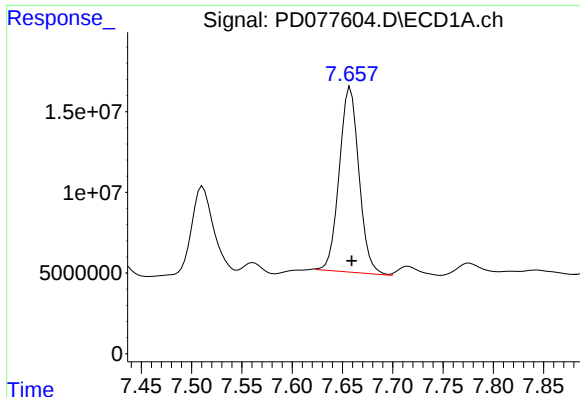
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 78148637
Conc: 50.52 ng/ml



#20 Methoxychlor

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 37323368
Conc: 48.21 ng/ml



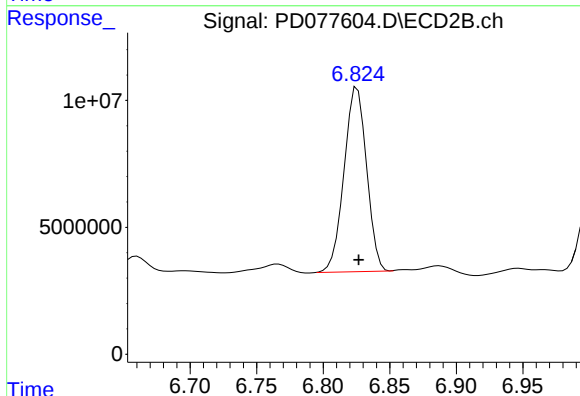
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.003 min
Response: 155359426
Conc: 47.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS

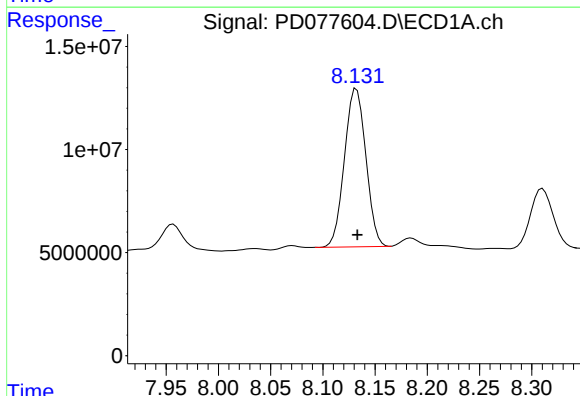
Manual Integrations
APPROVED

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



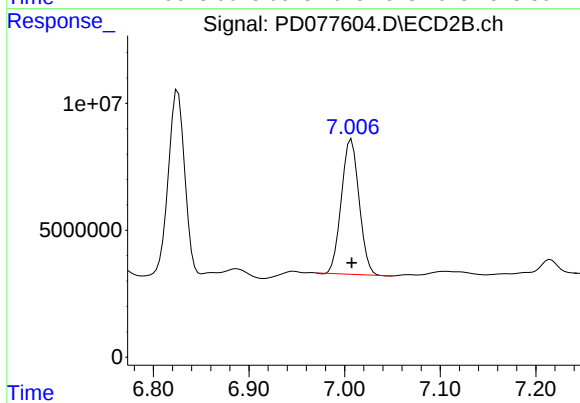
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 85657632
Conc: 45.30 ng/ml



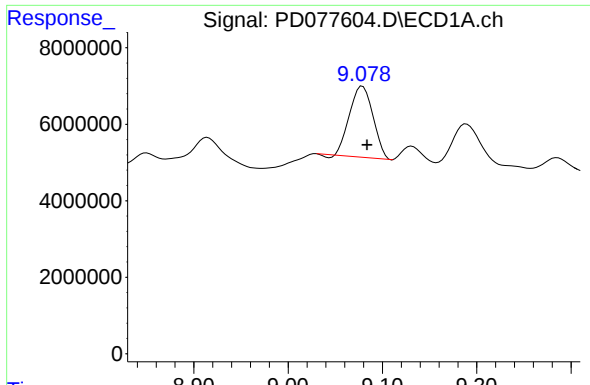
#22 Mirex

R.T.: 8.132 min
Delta R.T.: -0.001 min
Response: 109461781
Conc: 45.51 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 68524415
Conc: 44.75 ng/ml



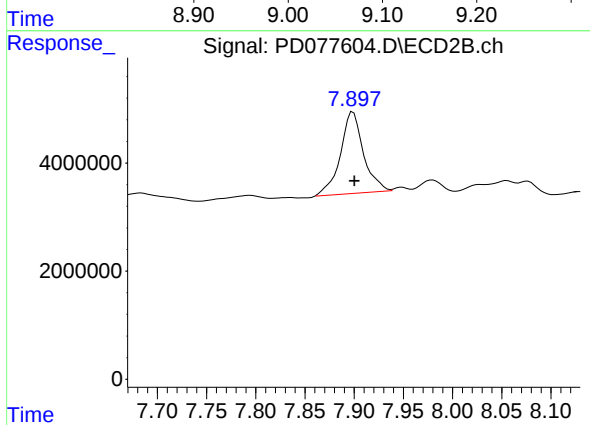
#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: -0.005 min
Response: 31974006
Conc: 10.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS

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: 24667633
Conc: 14.29 ng/ml