

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077616.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 22:13
 Operator : AR\AJ
 Sample : 04256-05MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MW-3MSD

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 05:10:21 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...	3.542	2.761	40299975	26387420	15.872	16.684
28)	SA Decachlor...	9.082	7.899	44815823	24933150	14.712	14.449
Target Compounds							
2)	A alpha-BHC	3.999	3.262	156.1E6	90095151	37.935	38.942
3)	MA gamma-BHC...	4.332	3.592	145.3E6	84331082	36.733	37.724
4)	MA Heptachlor	4.923	3.931	153.7E6	91916058	39.236	40.863
5)	MB Aldrin	5.266	4.209	146.7E6	83559158	36.476	36.680m
6)	B beta-BHC	4.529	3.889	61287999	35265942	37.978	39.568
7)	B delta-BHC	4.778	4.118	139.2E6	82573488	37.753	38.090
8)	B Heptachlo...	5.693	4.713	132.4E6	78841714	37.016	38.872
9)	A Endosulfan I	6.080	5.082	120.9E6	73717544	36.767	39.355
10)	B gamma-Chl...	5.950	4.963	129.7E6	79082728	36.840	39.341
11)	B alpha-Chl...	6.029	5.027	129.4E6	78405559	36.368	38.917
12)	B 4,4'-DDE	6.202	5.215	119.1E6	74720200	36.984	40.936
13)	MA Dieldrin	6.356	5.347	127.6E6	78327139	35.859	38.362
14)	MA Endrin	6.587	5.623	109.6E6	72033002	36.148	39.768
15)	B Endosulfa...	6.806	5.917	101.4E6	62803190	32.709	36.704
16)	A 4,4'-DDD	6.721	5.770	96872768	58224452	37.807	41.666
17)	MA 4,4'-DDT	7.035	6.021	99351628	58256399	37.989	41.234
18)	B Endrin al...	6.937	6.097	82412977	49102973	34.680	36.377
19)	B Endosulfa...	7.171	6.320	100.4E6	63031458	35.393	39.364
20)	A Methoxychlor	7.511	6.596	53362073	31267917	34.499	40.385
21)	B Endrin ke...	7.659	6.826	116.0E6	69374728	35.682	36.692
22)	Mirex	8.133	7.007	84017379	56720359	34.934	37.041

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
Data File : PD077616.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Sep 2023 22:13
Operator : AR\AJ
Sample : 04256-05MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

MW-3MSD

Manual Integrations

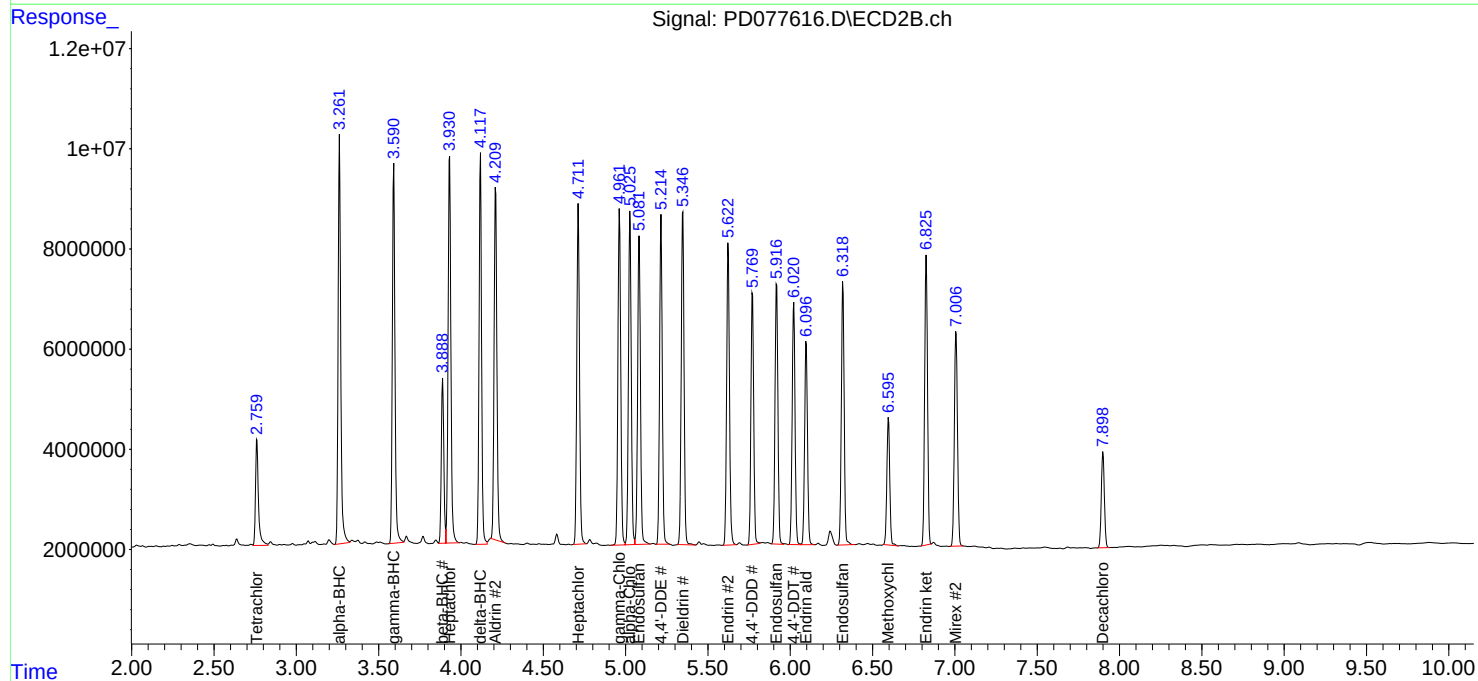
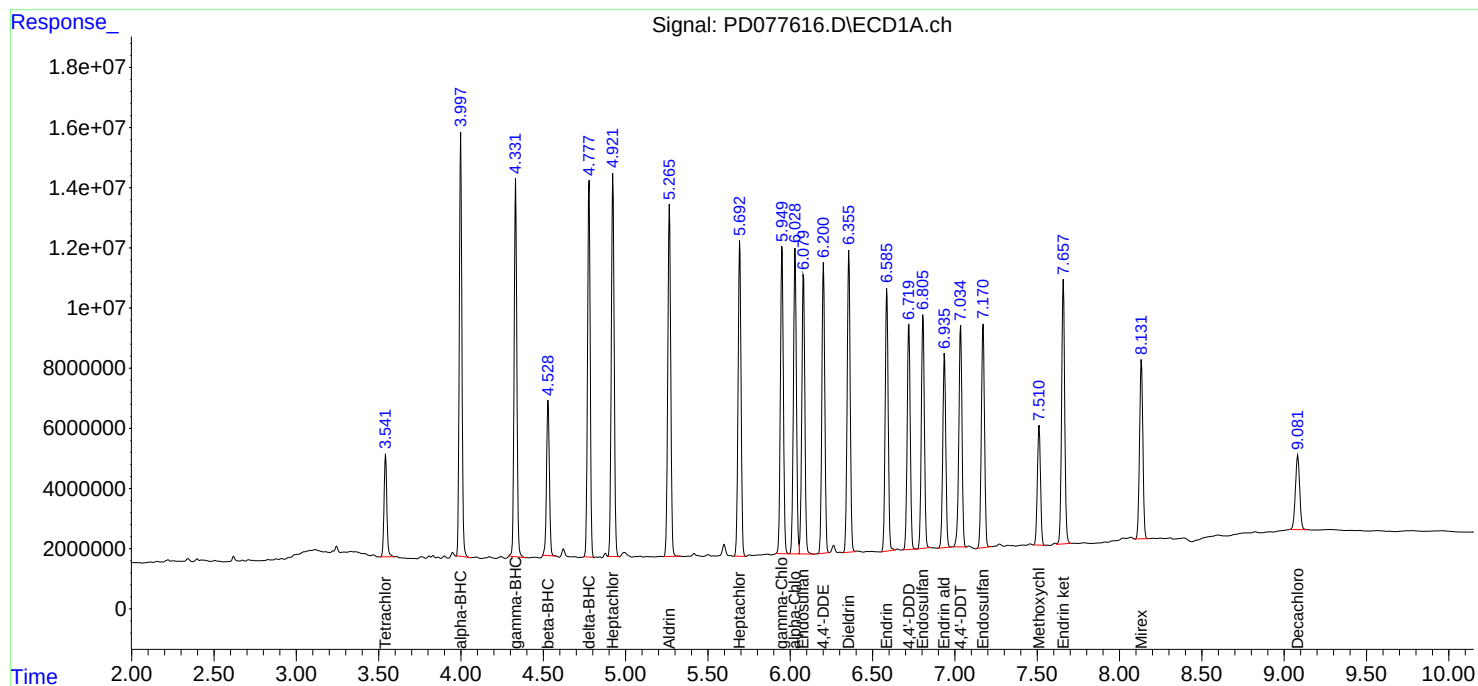
APPROVED

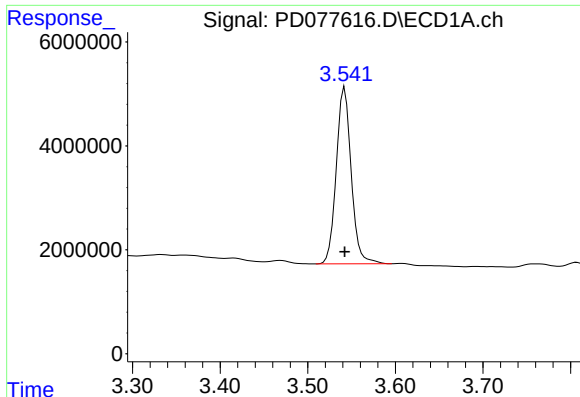
Reviewed By :Abdul Mirza 09/05/2023

Supervised By :Ankita Jodhani 09/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 03 05:10:21 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





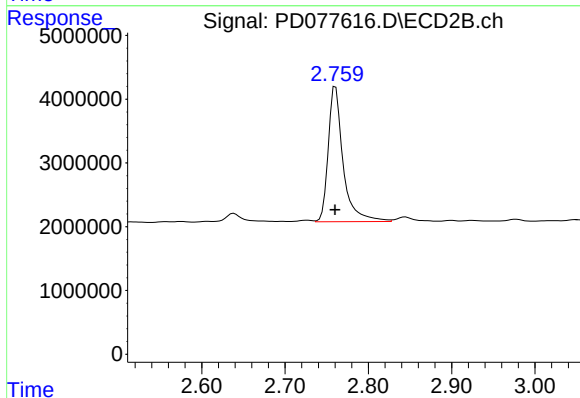
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 40299975
Conc: 15.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MSD

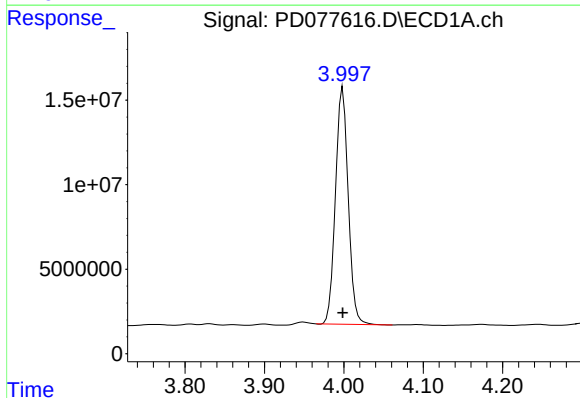
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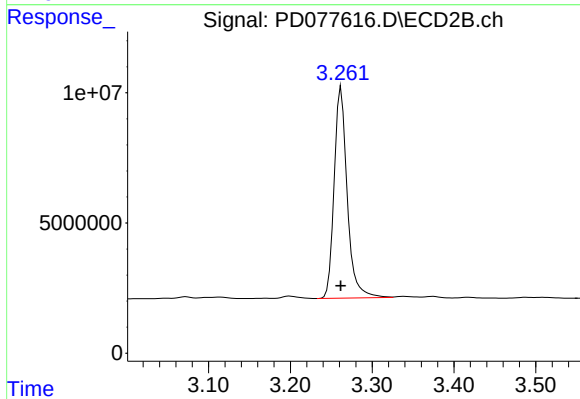
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 26387420
Conc: 16.68 ng/ml



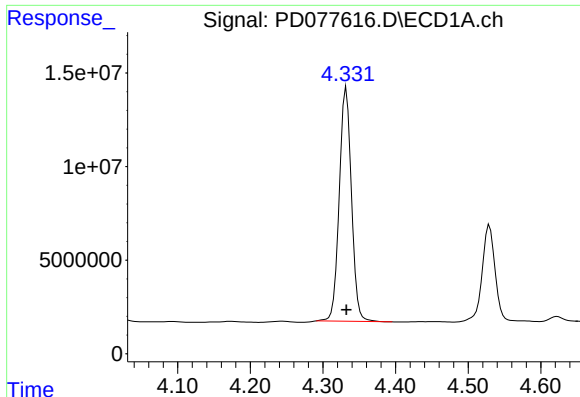
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 156070664
Conc: 37.94 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 90095151
Conc: 38.94 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 145312906
Conc: 36.73 ng/ml

Instrument :

ECD_D

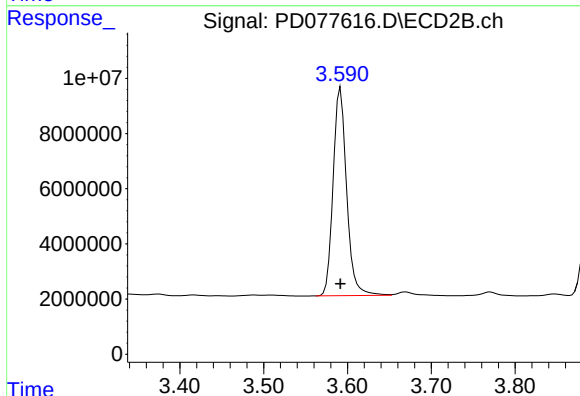
ClientSampleId :

MW-3MSD

Manual Integrations

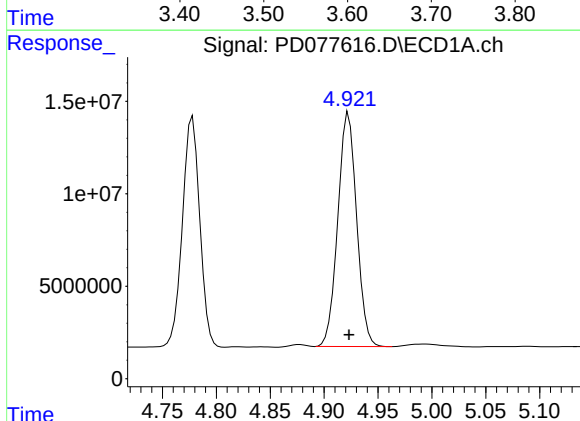
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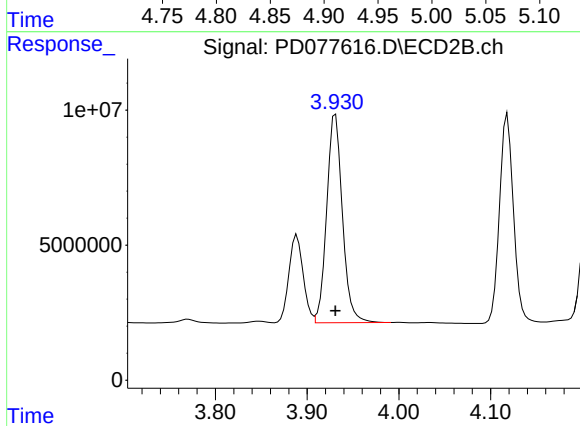
#3 gamma-BHC (Lindane)

R.T.: 3.592 min
Delta R.T.: 0.000 min
Response: 84331082
Conc: 37.72 ng/ml



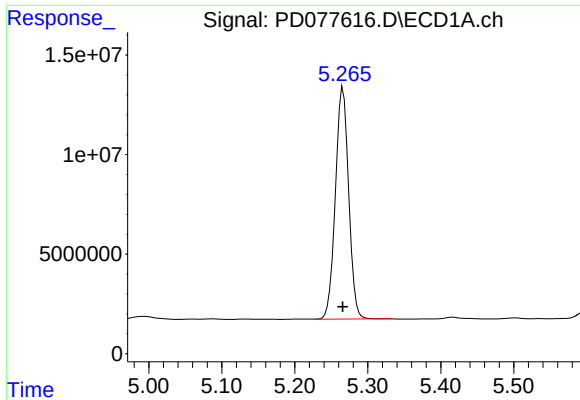
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 153726725
Conc: 39.24 ng/ml



#4 Heptachlor

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 91916058
Conc: 40.86 ng/ml



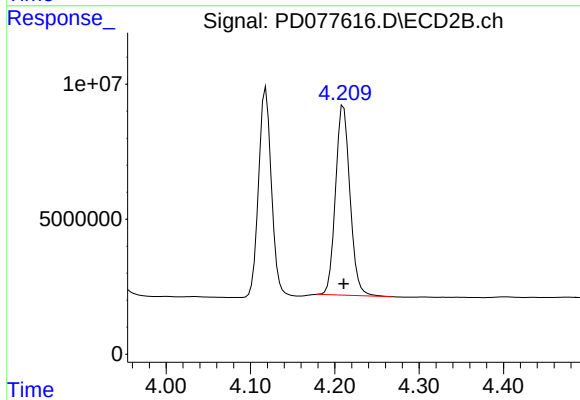
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 146699258
Conc: 36.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MSD

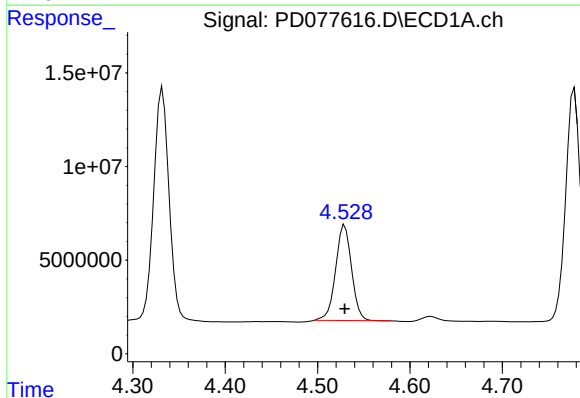
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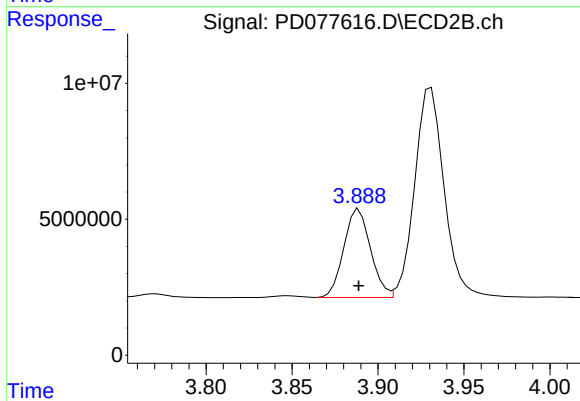
#5 Aldrin

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 83559158
Conc: 36.68 ng/ml m



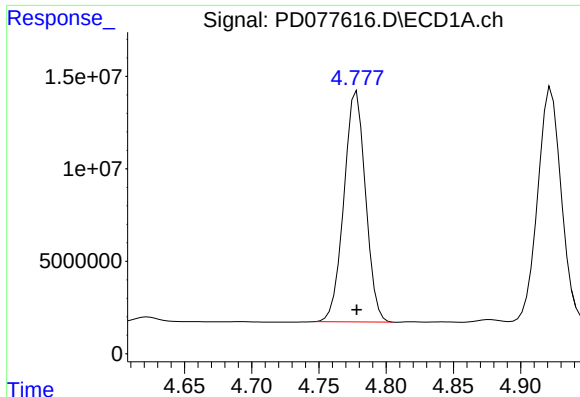
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 61287999
Conc: 37.98 ng/ml



#6 beta-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 35265942
Conc: 39.57 ng/ml



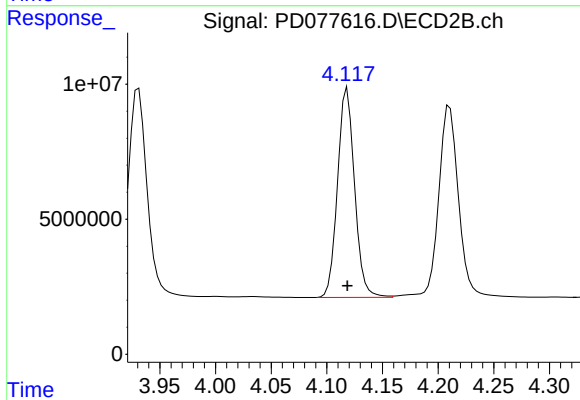
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 139172478
Conc: 37.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MSD

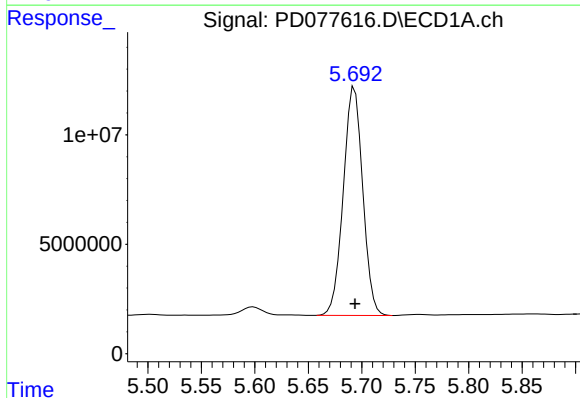
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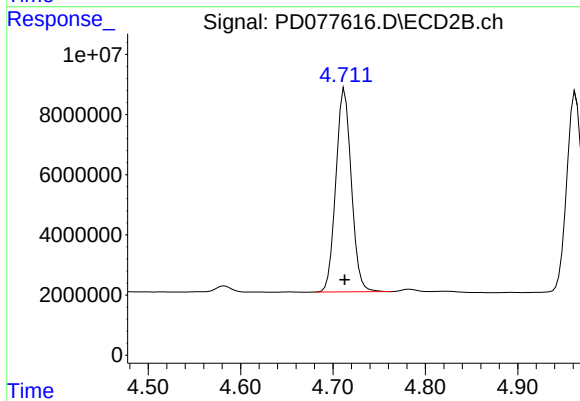
#7 delta-BHC

R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 82573488
Conc: 38.09 ng/ml



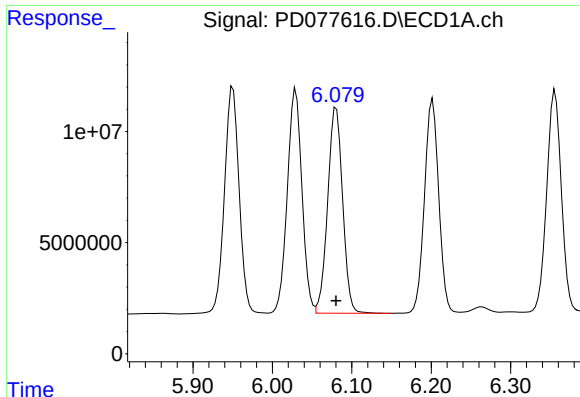
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 132352980
Conc: 37.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 78841714
Conc: 38.87 ng/ml



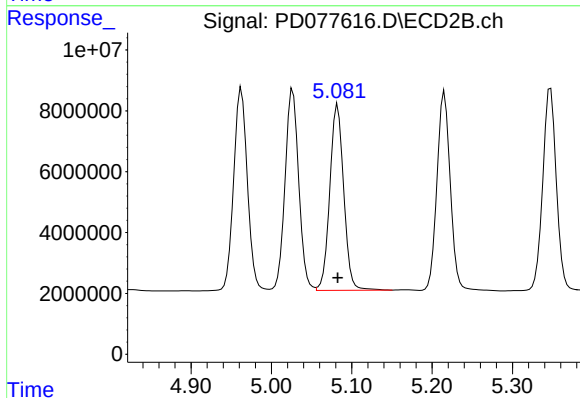
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 120927723
Conc: 36.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MSD

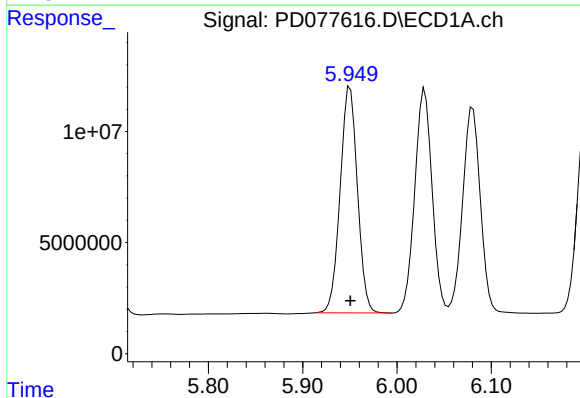
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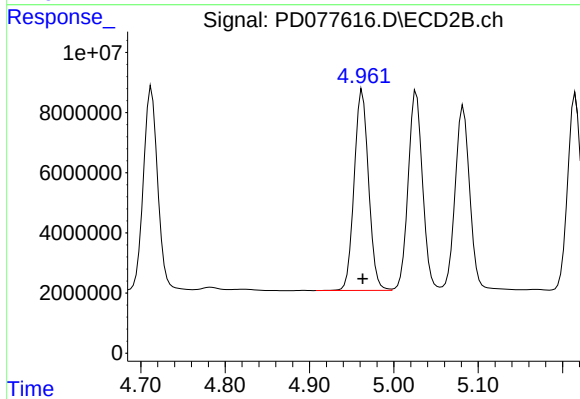
#9 Endosulfan I

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 73717544
Conc: 39.35 ng/ml



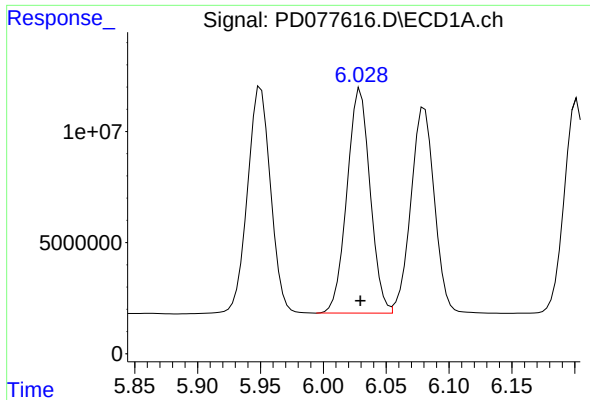
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 129688476
Conc: 36.84 ng/ml



#10 gamma-Chlordane

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 79082728
Conc: 39.34 ng/ml



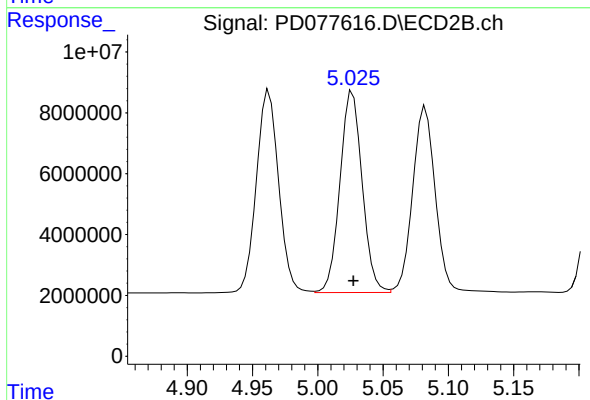
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 129408891
Conc: 36.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MSD

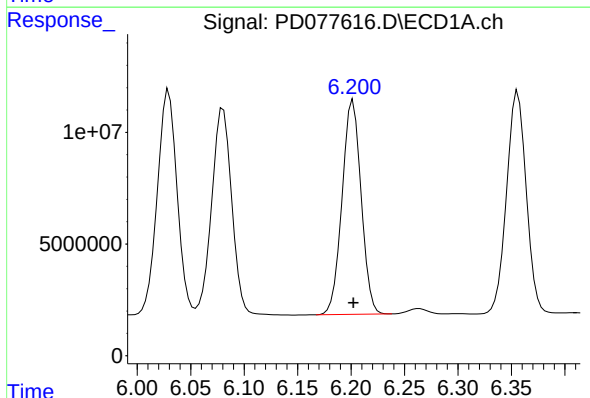
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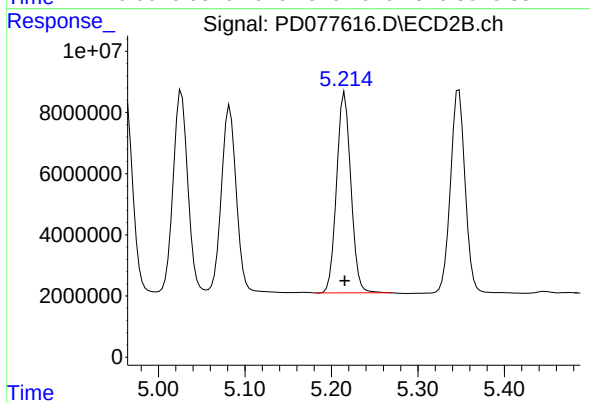
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 78405559
Conc: 38.92 ng/ml



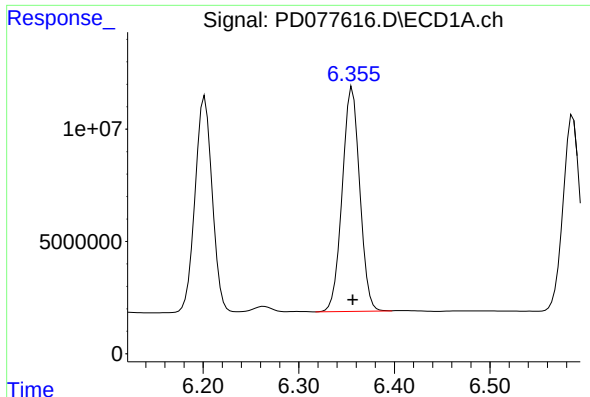
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 119073938
Conc: 36.98 ng/ml



#12 4,4'-DDE

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 74720200
Conc: 40.94 ng/ml



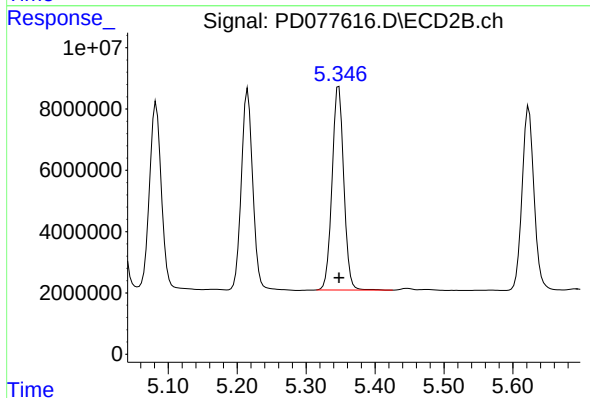
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 127579587
Conc: 35.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MSD

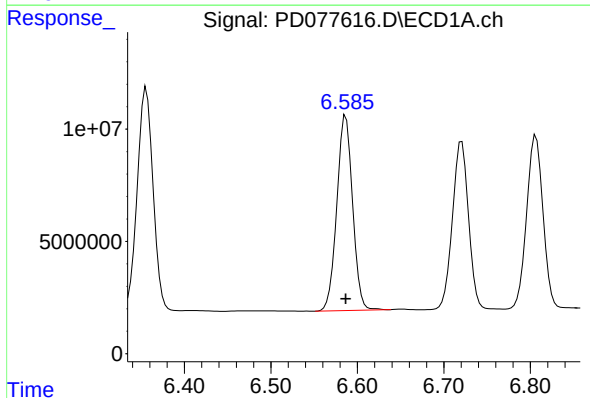
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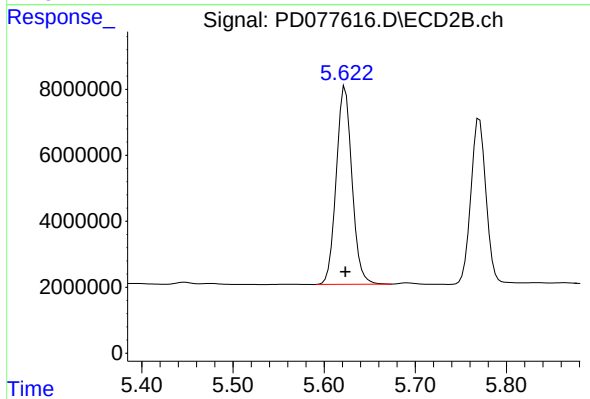
#13 Dieldrin

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 78327139
Conc: 38.36 ng/ml



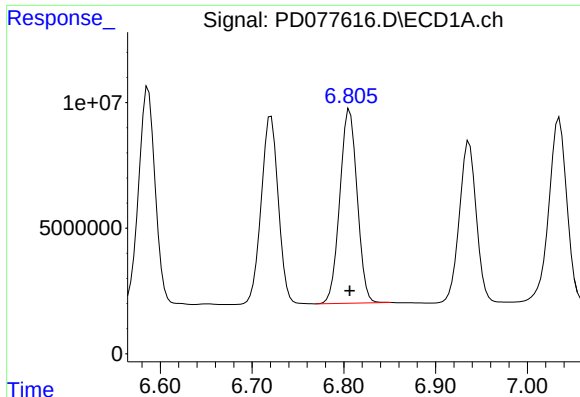
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 109644088
Conc: 36.15 ng/ml



#14 Endrin

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 72033002
Conc: 39.77 ng/ml



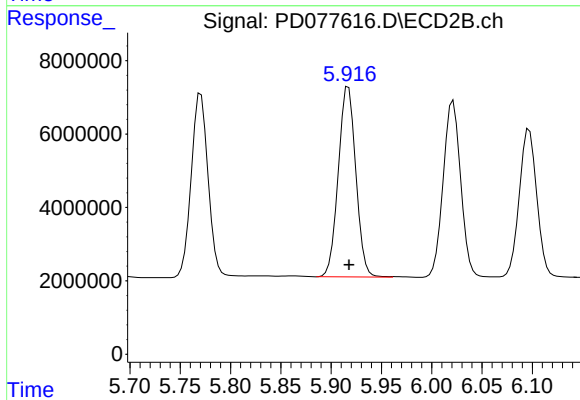
#15 Endosulfan II

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 101352141
Conc: 32.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MSD

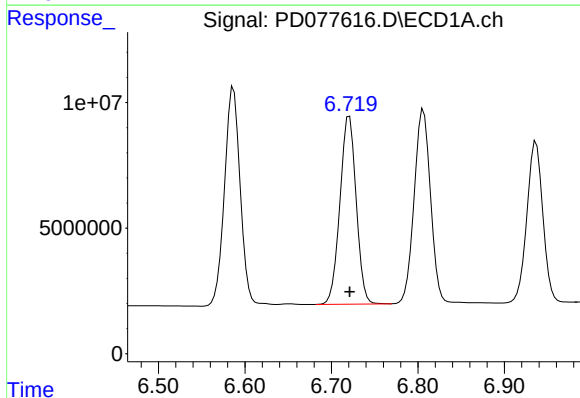
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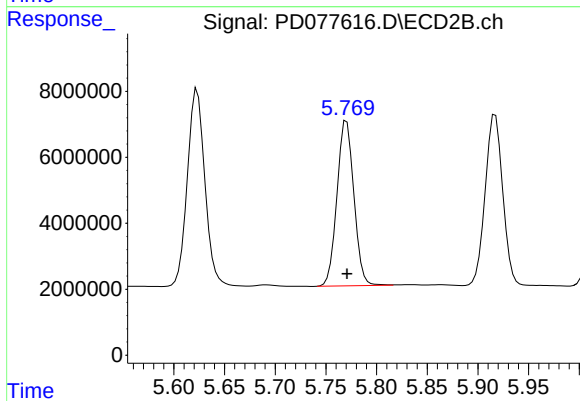
#15 Endosulfan II

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 62803190
Conc: 36.70 ng/ml



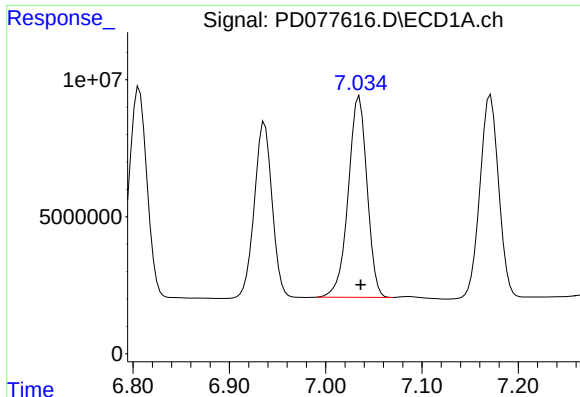
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 96872768
Conc: 37.81 ng/ml



#16 4,4'-DDD

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 58224452
Conc: 41.67 ng/ml



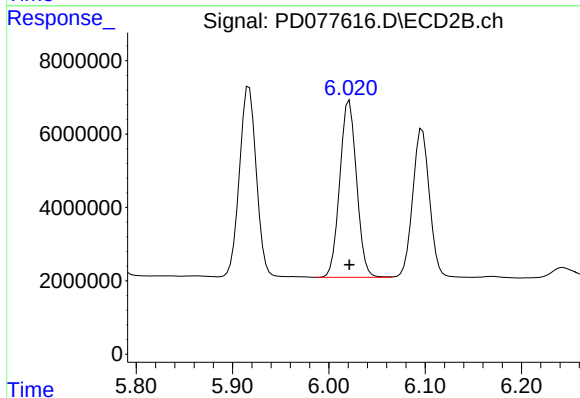
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: -0.001 min
Response: 99351628
Conc: 37.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MSD

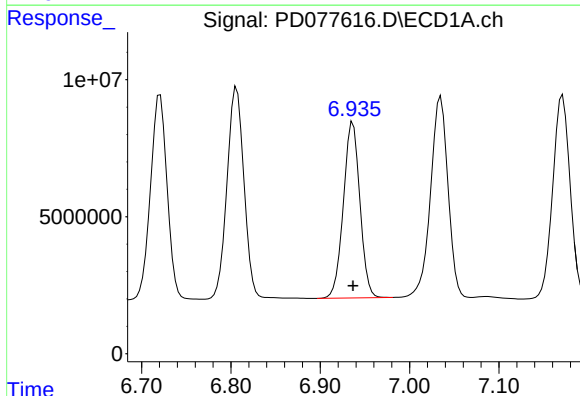
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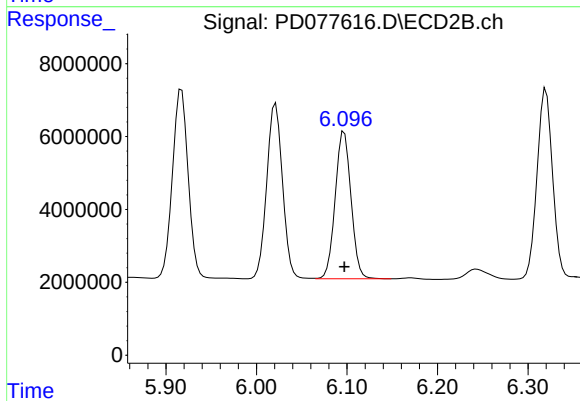
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 58256399
Conc: 41.23 ng/ml



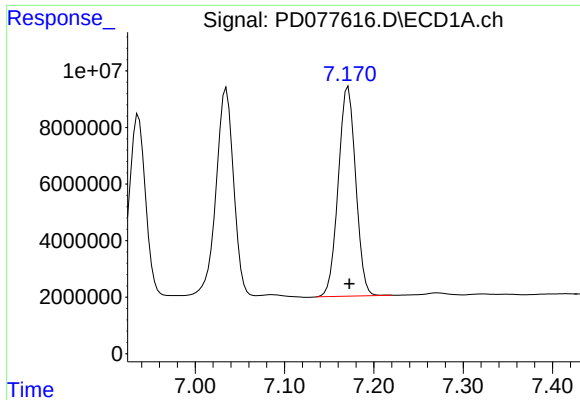
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 82412977
Conc: 34.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 49102973
Conc: 36.38 ng/ml



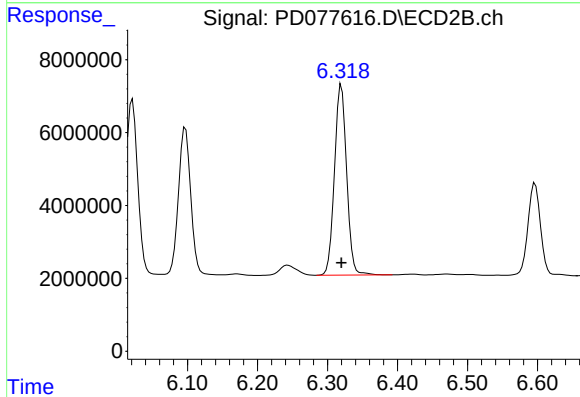
#19 Endosulfan Sulfate

R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 100441856
Conc: 35.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MSD

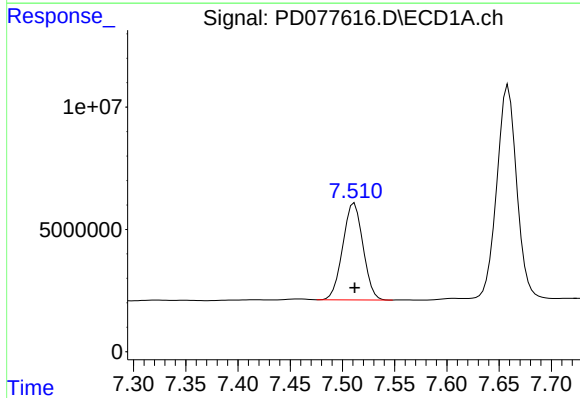
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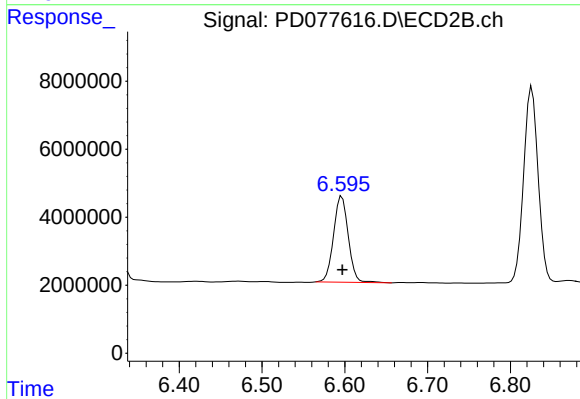
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 63031458
Conc: 39.36 ng/ml



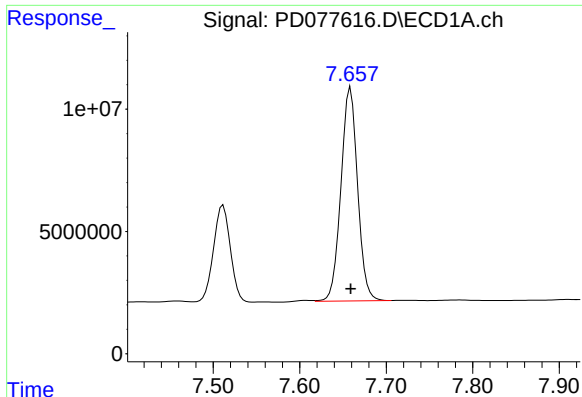
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 53362073
Conc: 34.50 ng/ml



#20 Methoxychlor

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 31267917
Conc: 40.39 ng/ml



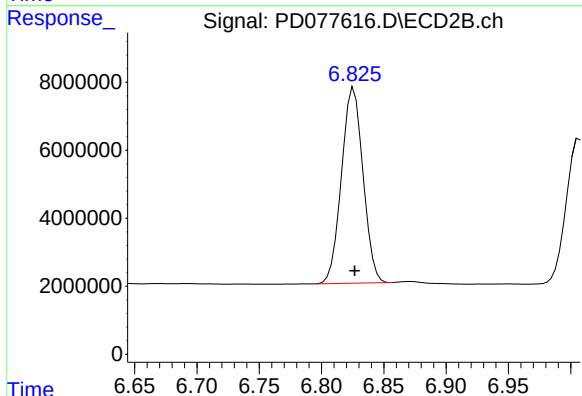
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 115969602
Conc: 35.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MSD

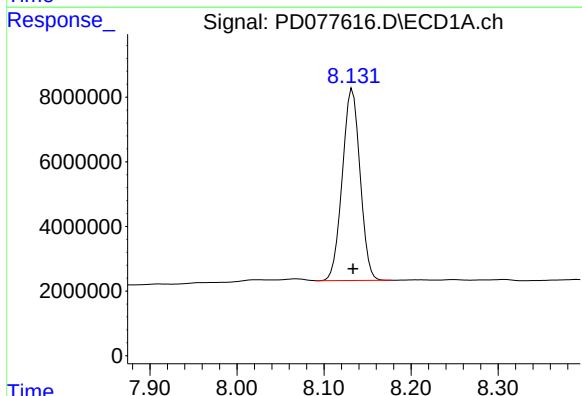
Manual Integrations
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Reviewed By :Abdul Mirza 09/05/2023
Supervised By :Ankita Jodhani 09/05/2023



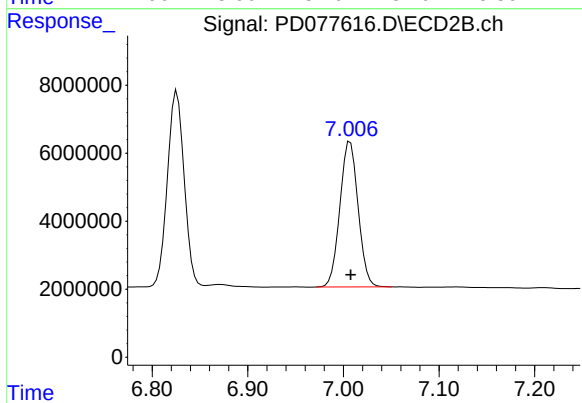
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 69374728
Conc: 36.69 ng/ml



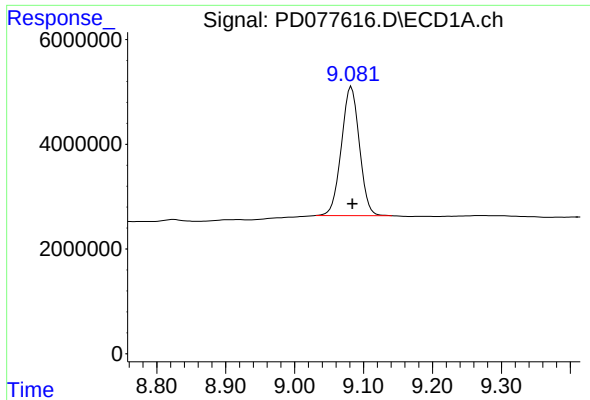
#22 Mirex

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 84017379
Conc: 34.93 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 56720359
Conc: 37.04 ng/ml



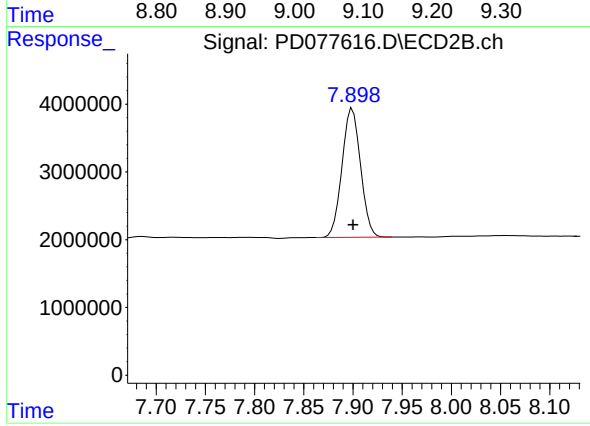
#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: -0.002 min
Response: 44815823
Conc: 14.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 24933150
Conc: 14.45 ng/ml