

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022322\
 Data File : PL072931.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2022 14:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/24/2022
 Supervised By : Ankita Jodhani 02/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 24 00:16:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.559	5.490	22205889	81706259	46.117	47.301
28)	SA Decachlor...	10.318	11.383	34910332	78725925	46.113	49.645
Target Compounds							
2)	A alpha-BHC	5.266	6.072	31570767	121.0E6	47.882	50.545
3)	MA gamma-BHC...	5.689	6.468	31004559	112.5E6	49.332	48.840
4)	MA Heptachlor	6.092	7.114	36527575	108.8E6	50.043m	47.789
5)	MB Aldrin	6.417	7.483	33008998	108.4E6	51.125	50.728
6)	B beta-BHC	6.074	6.729	10129472	52767093	40.879m	51.762 #
7)	B delta-BHC	6.331	6.994	33299766	114.0E6	50.292	49.767
8)	B Heptachlo...	6.995	7.951	32723067	99075505	51.904	51.354
9)	A Endosulfan I	7.397	8.357	30719502	89358686	52.508	51.077
10)	B gamma-Chl...	7.272	8.222	33330348	99596656	52.616	51.491
11)	B alpha-Chl...	7.341	8.302	33417818	96464522	52.479	50.772
12)	B 4,4'-DDE	7.556	8.492	32658256	93898988	53.740	50.238
13)	MA Dieldrin	7.683	8.646	33283735	95369946	52.706	51.173
14)	MA Endrin	7.974	8.886	28968938	75503616	49.451	47.919
15)	B Endosulfa...	8.287	9.121	31678715	83886461	52.069	49.893
16)	A 4,4'-DDD	8.143	9.033	27554922	75003115	57.276	54.201
17)	MA 4,4'-DDT	8.403	9.349	25809868	68927337	47.966	45.026
18)	B Endrin al...	8.476	9.256	21692667	56168827	49.767	49.907
19)	B Endosulfa...	8.707	9.495	30724412	76457998	51.629	51.109
20)	A Methoxychlor	8.998	9.838	16393361	36778399	46.622	45.425
21)	B Endrin ke...	9.224	9.991	36431918	83789226	53.009	52.589
22)	Mirex	9.405	10.454	30128944	58837659	50.786	50.122

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

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Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

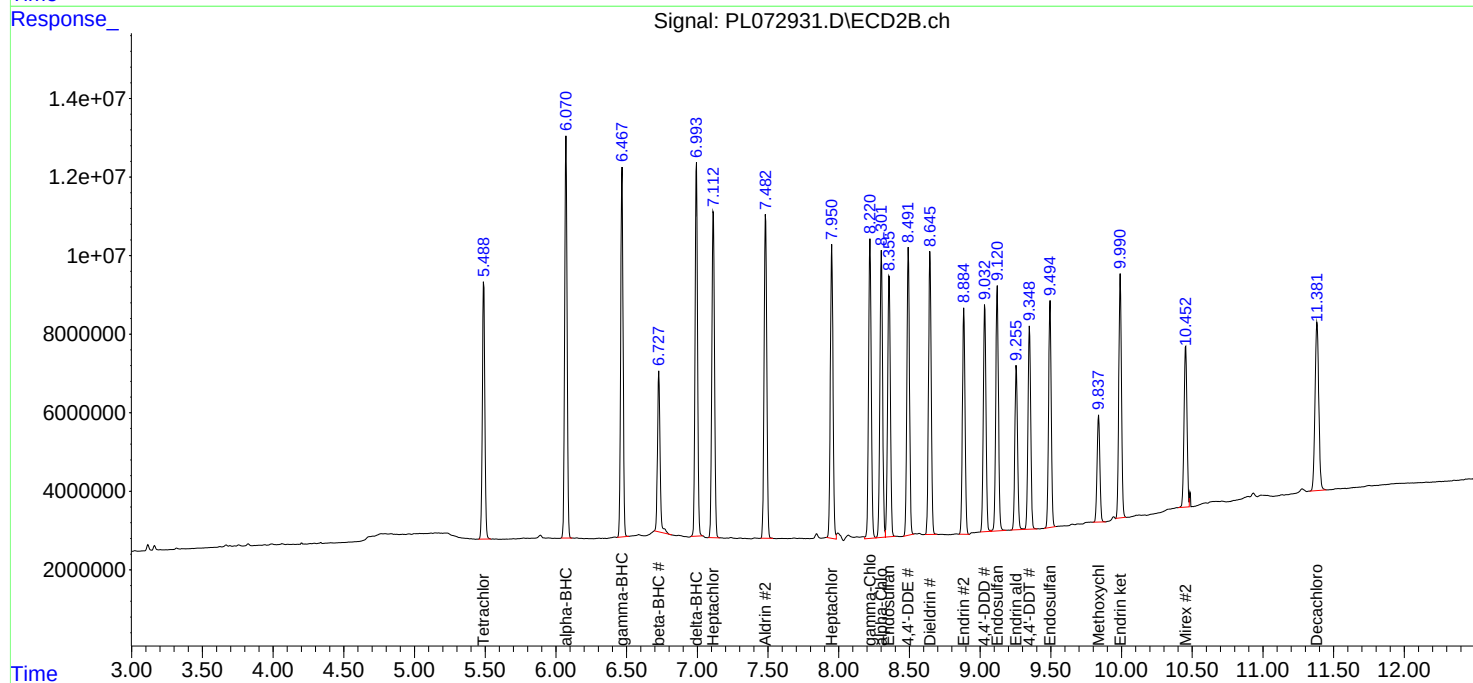
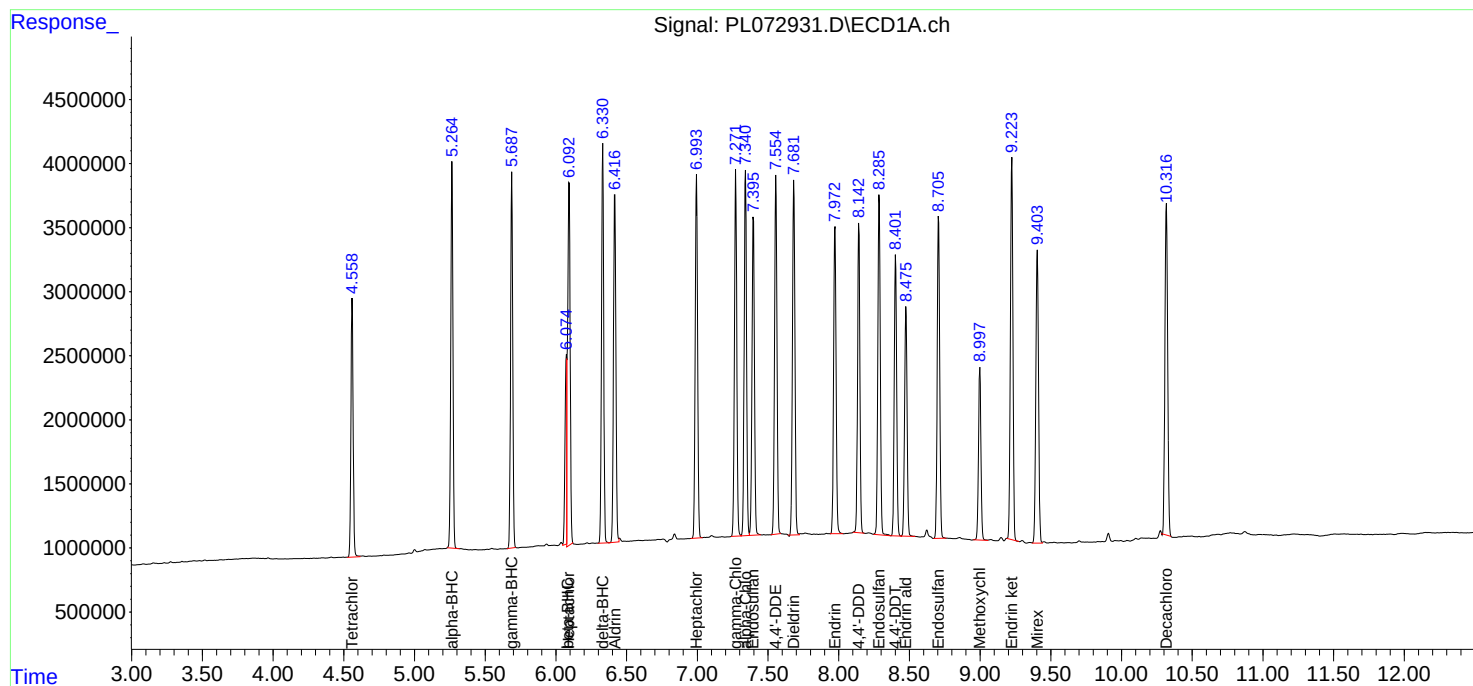
Manual Integrations

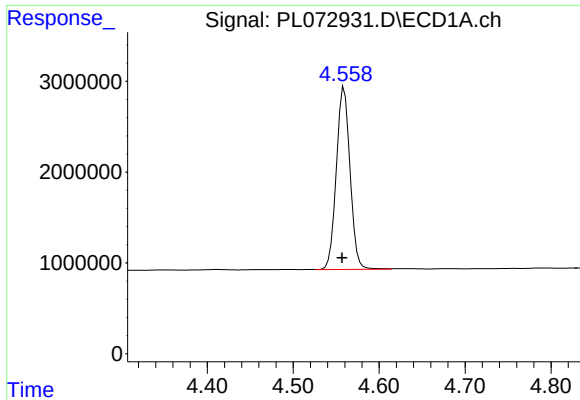
APPROVED

Reviewed By :Abdul Mirza 02/24/2022
 Supervised By :Ankita Jodhani 02/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 24 00:16:27 2022
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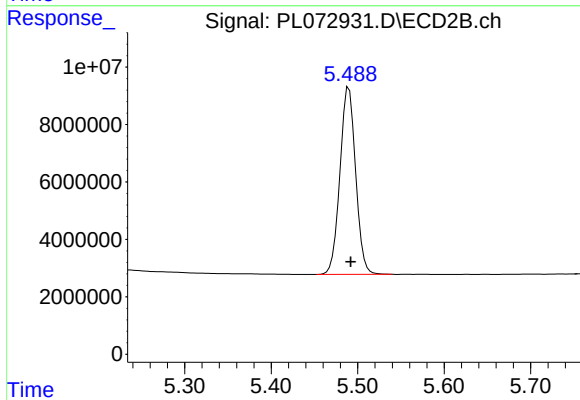
#1 Tetrachloro-m-xylene

R.T.: 4.559 min
Delta R.T.: 0.002 min
Response: 22205889
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

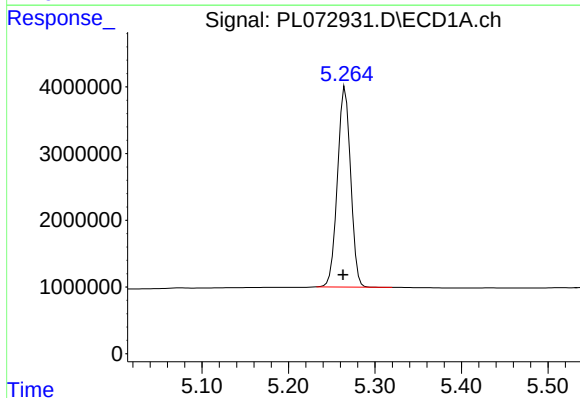
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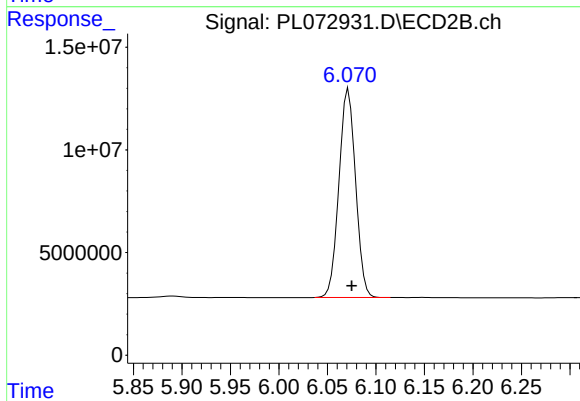
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 81706259
Conc: 47.30 ng/ml



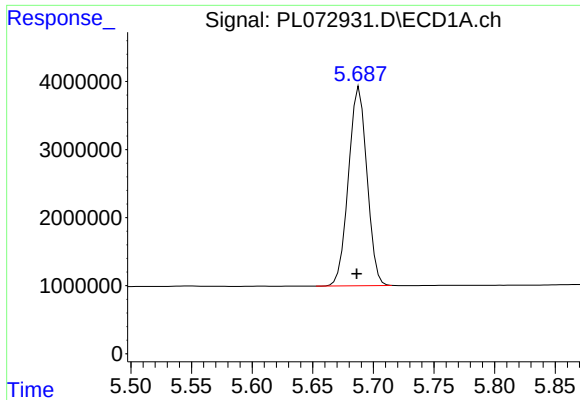
#2 alpha-BHC

R.T.: 5.266 min
Delta R.T.: 0.003 min
Response: 31570767
Conc: 47.88 ng/ml



#2 alpha-BHC

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 121041172
Conc: 50.54 ng/ml



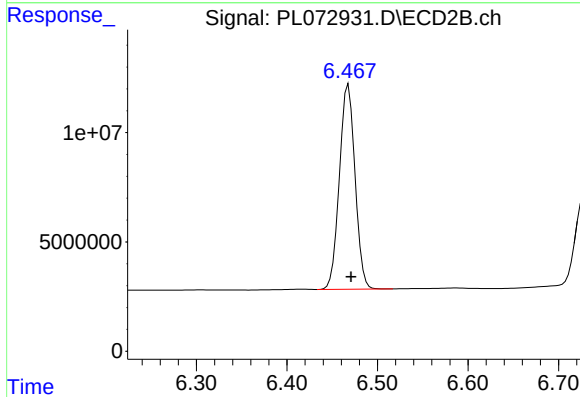
#3 gamma-BHC (Lindane)

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 31004559
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

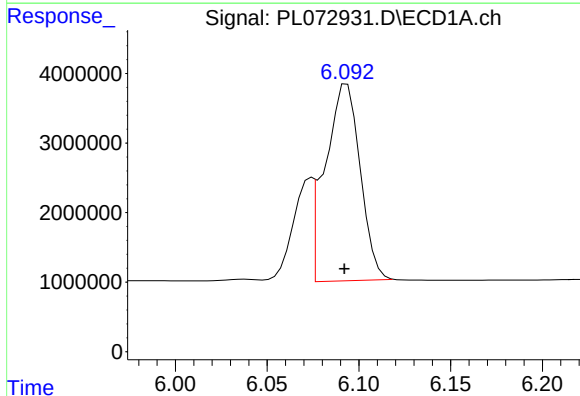
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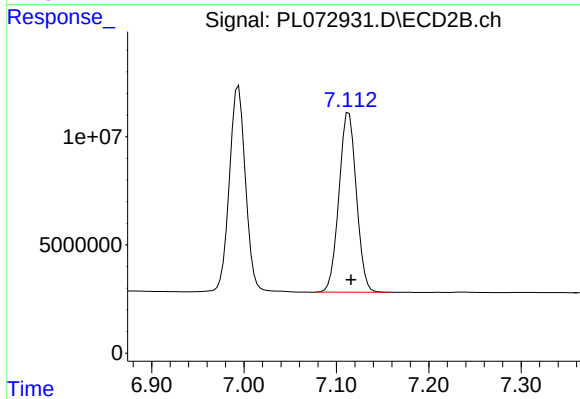
#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 112451719
Conc: 48.84 ng/ml



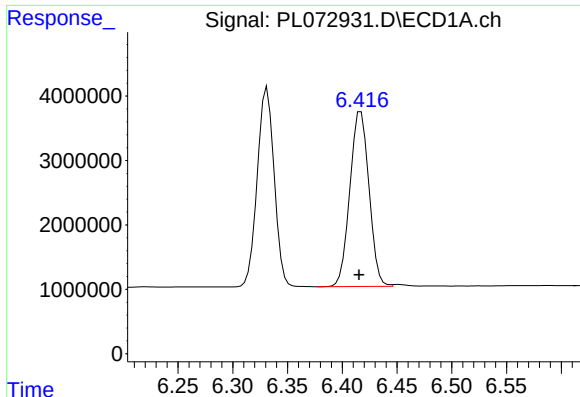
#4 Heptachlor

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 36527575
Conc: 50.04 ng/ml m



#4 Heptachlor

R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 108808879
Conc: 47.79 ng/ml



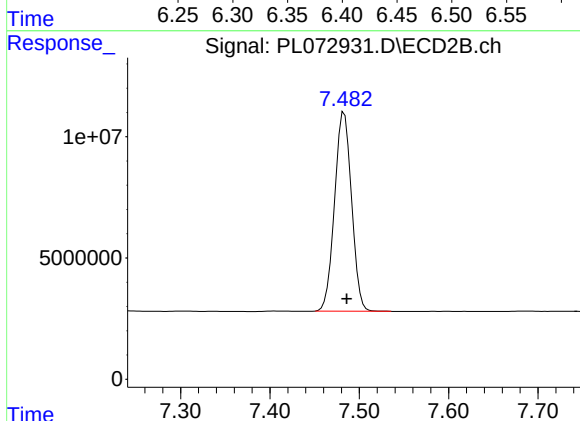
#5 Aldrin

R.T.: 6.417 min
Delta R.T.: 0.002 min
Response: 33008998
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

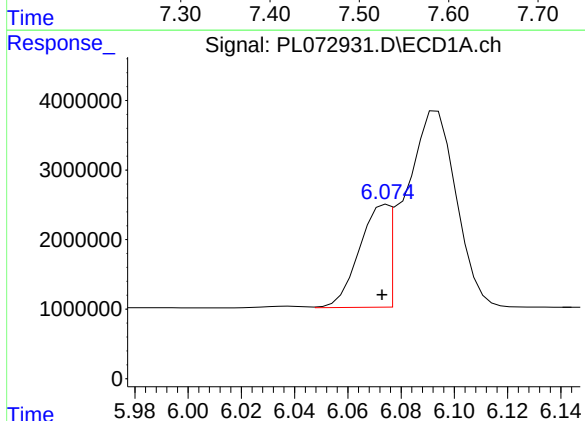
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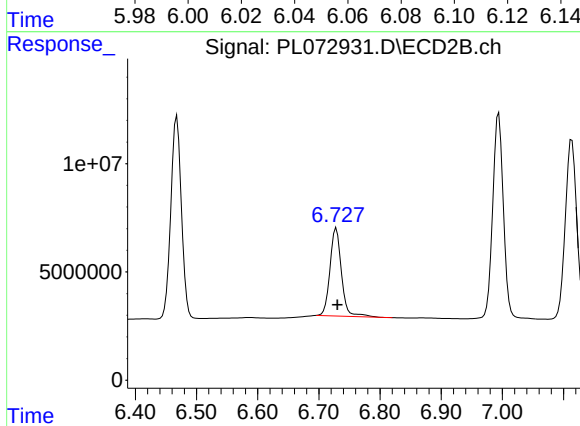
#5 Aldrin

R.T.: 7.483 min
Delta R.T.: -0.003 min
Response: 108446541
Conc: 50.73 ng/ml



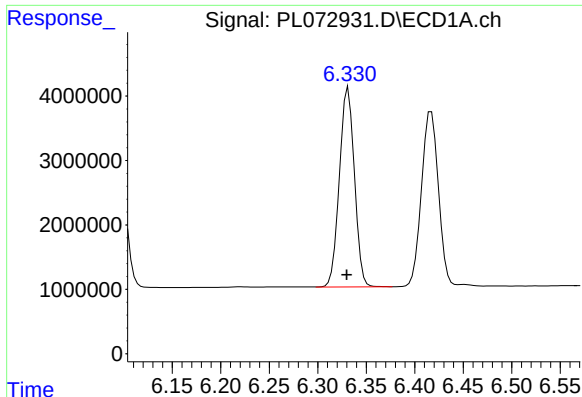
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: 0.001 min
Response: 10129472
Conc: 40.88 ng/ml m



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 52767093
Conc: 51.76 ng/ml



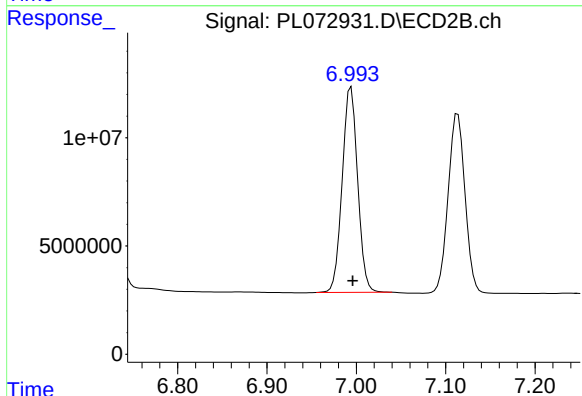
#7 delta-BHC

R.T.: 6.331 min
Delta R.T.: 0.002 min
Response: 33299766
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

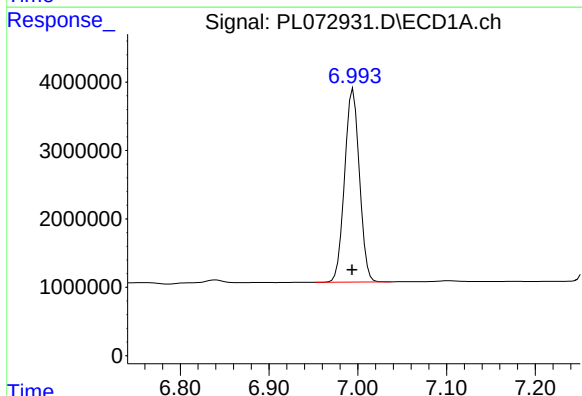
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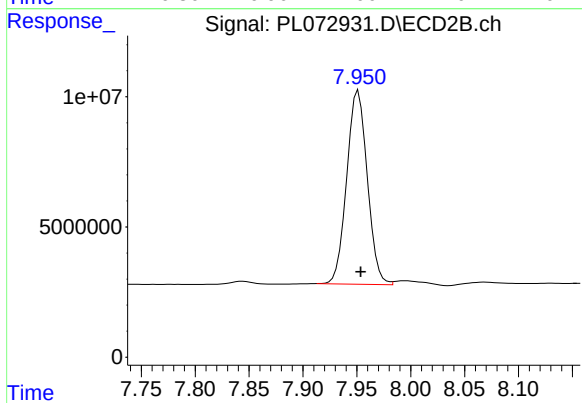
#7 delta-BHC

R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 114016753
Conc: 49.77 ng/ml



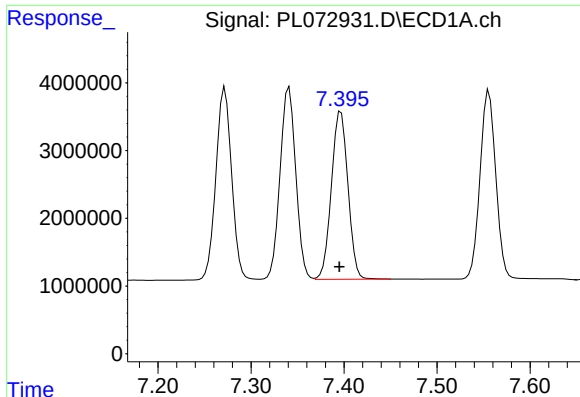
#8 Heptachlor epoxide

R.T.: 6.995 min
Delta R.T.: 0.001 min
Response: 32723067
Conc: 51.90 ng/ml



#8 Heptachlor epoxide

R.T.: 7.951 min
Delta R.T.: -0.002 min
Response: 99075505
Conc: 51.35 ng/ml



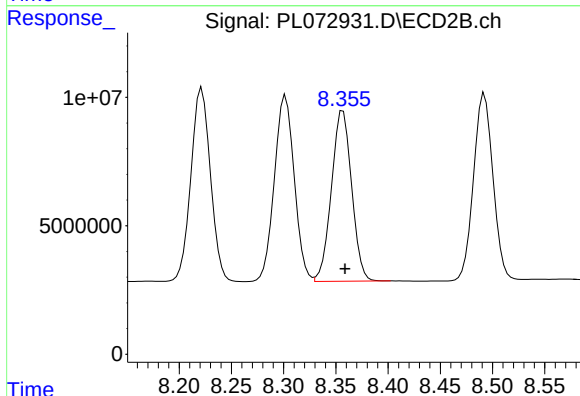
#9 Endosulfan I

R.T.: 7.397 min
Delta R.T.: 0.002 min
Response: 30719502
Conc: 52.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

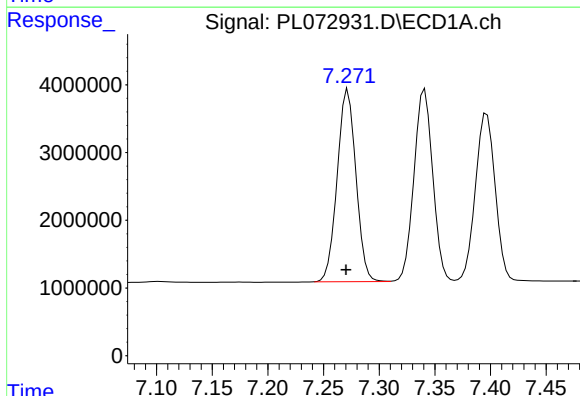
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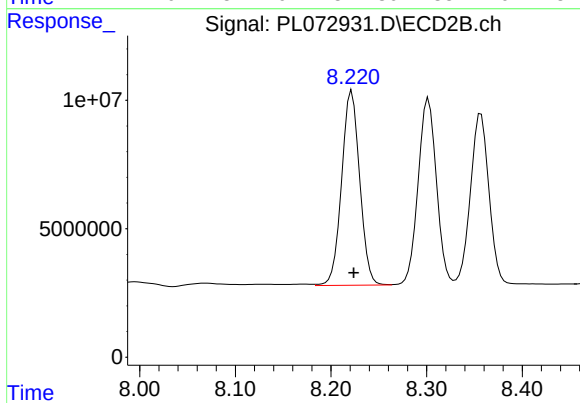
#9 Endosulfan I

R.T.: 8.357 min
Delta R.T.: -0.002 min
Response: 89358686
Conc: 51.08 ng/ml



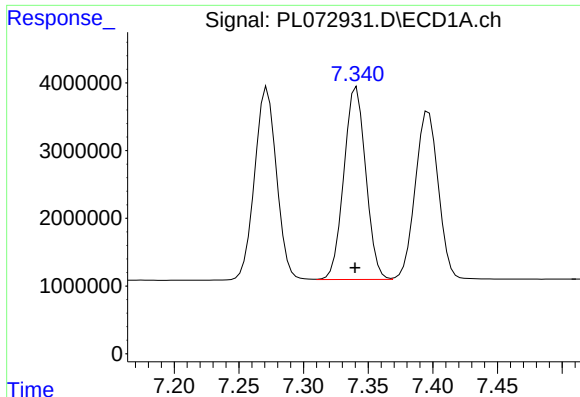
#10 gamma-Chlordane

R.T.: 7.272 min
Delta R.T.: 0.002 min
Response: 33330348
Conc: 52.62 ng/ml



#10 gamma-Chlordane

R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 99596656
Conc: 51.49 ng/ml



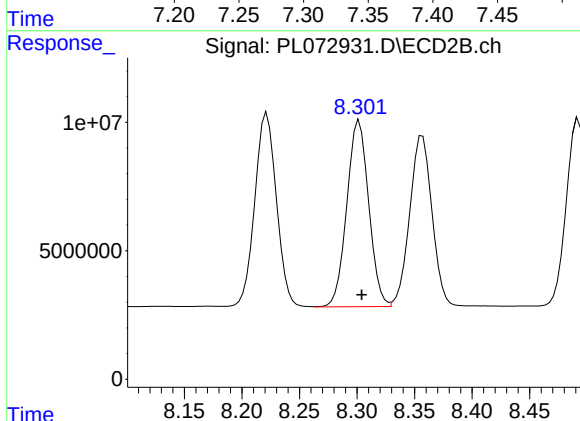
#11 alpha-Chlordane

R.T.: 7.341 min
Delta R.T.: 0.001 min
Response: 33417818
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

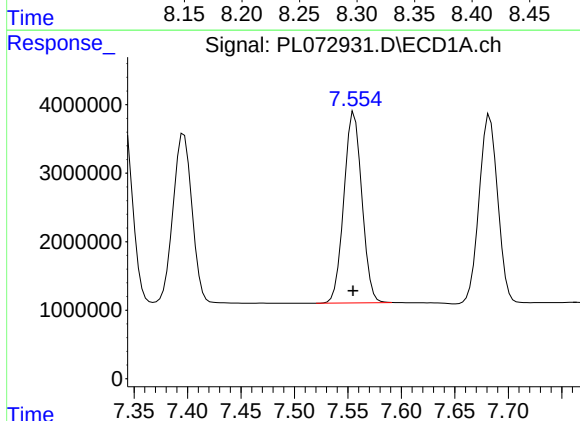
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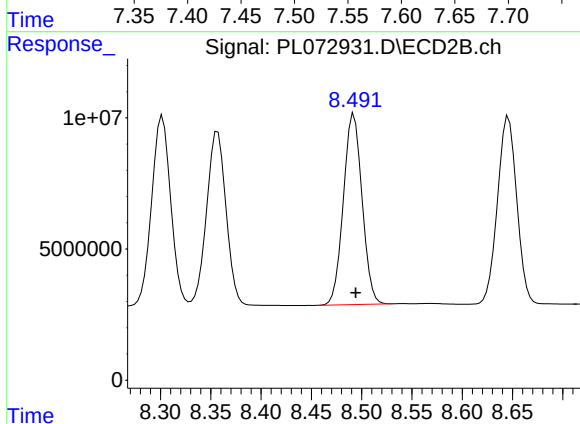
#11 alpha-Chlordane

R.T.: 8.302 min
Delta R.T.: -0.002 min
Response: 96464522
Conc: 50.77 ng/ml



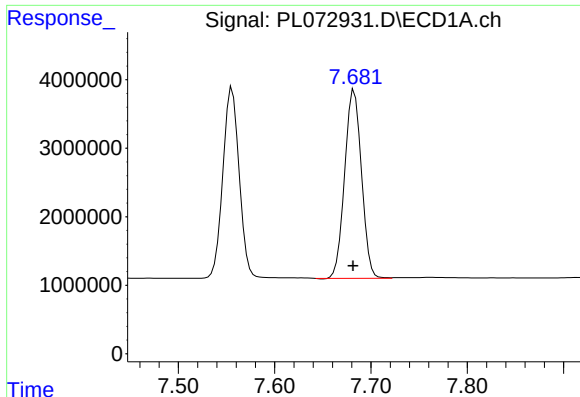
#12 4,4'-DDE

R.T.: 7.556 min
Delta R.T.: 0.001 min
Response: 32658256
Conc: 53.74 ng/ml



#12 4,4'-DDE

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 93898988
Conc: 50.24 ng/ml



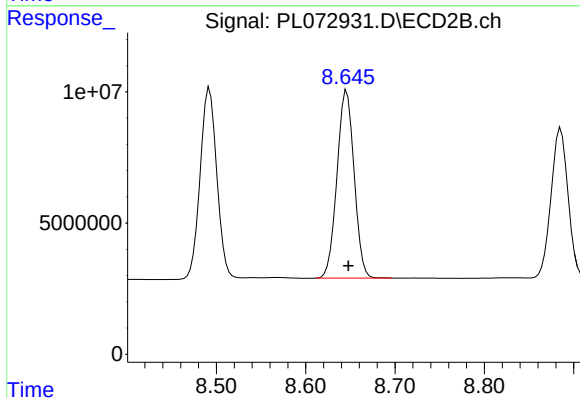
#13 Dieldrin

R.T.: 7.683 min
Delta R.T.: 0.001 min
Response: 33283735
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

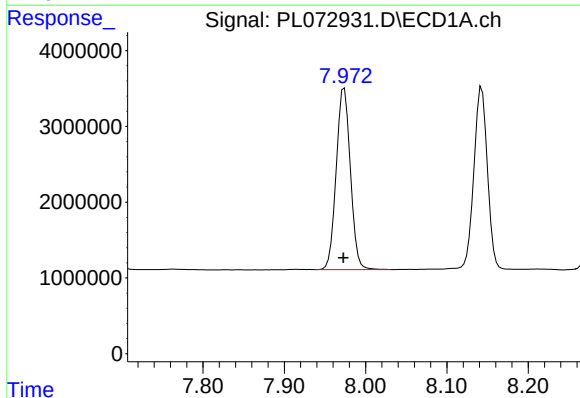
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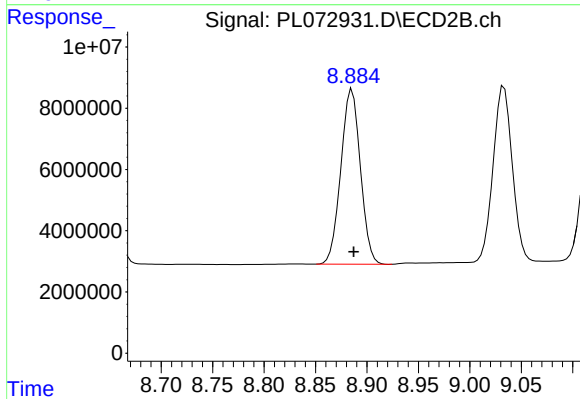
#13 Dieldrin

R.T.: 8.646 min
Delta R.T.: -0.002 min
Response: 95369946
Conc: 51.17 ng/ml



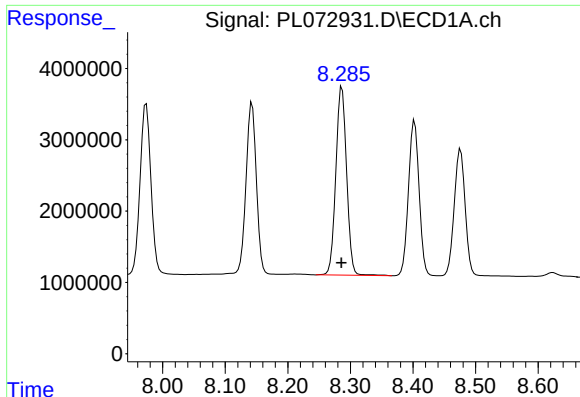
#14 Endrin

R.T.: 7.974 min
Delta R.T.: 0.001 min
Response: 28968938
Conc: 49.45 ng/ml



#14 Endrin

R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 75503616
Conc: 47.92 ng/ml



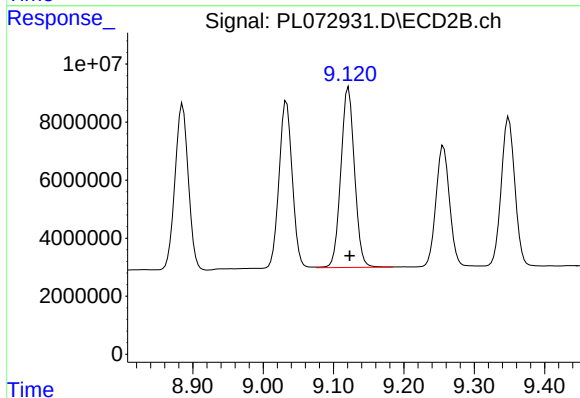
#15 Endosulfan II

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 31678715
Conc: 52.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

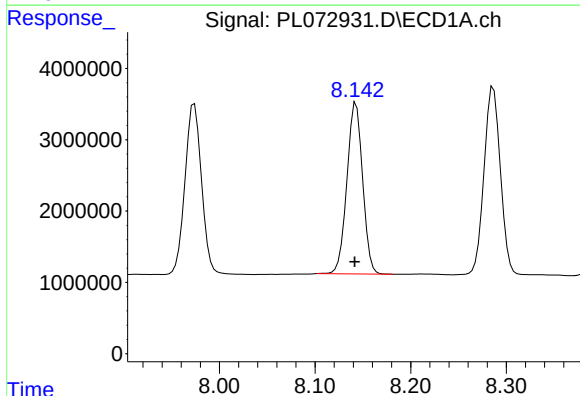
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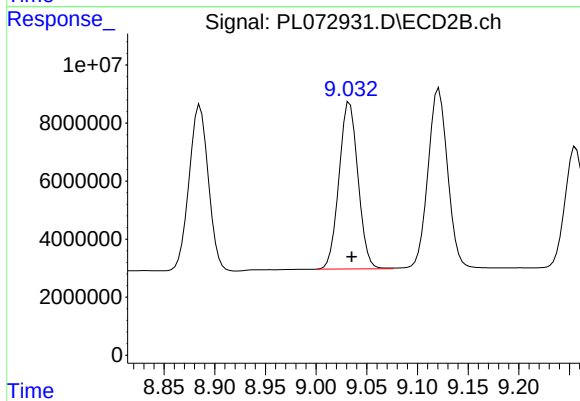
#15 Endosulfan II

R.T.: 9.121 min
Delta R.T.: -0.002 min
Response: 83886461
Conc: 49.89 ng/ml



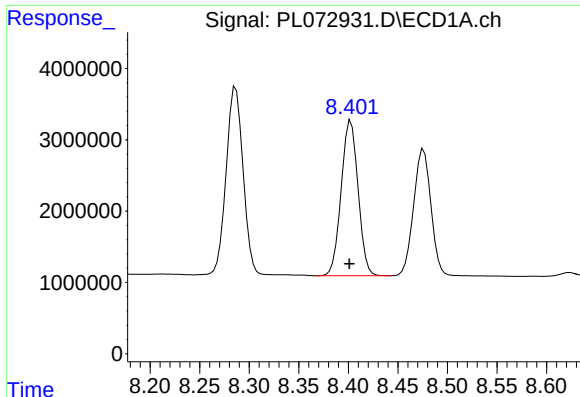
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: 0.001 min
Response: 27554922
Conc: 57.28 ng/ml



#16 4,4'-DDD

R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 75003115
Conc: 54.20 ng/ml



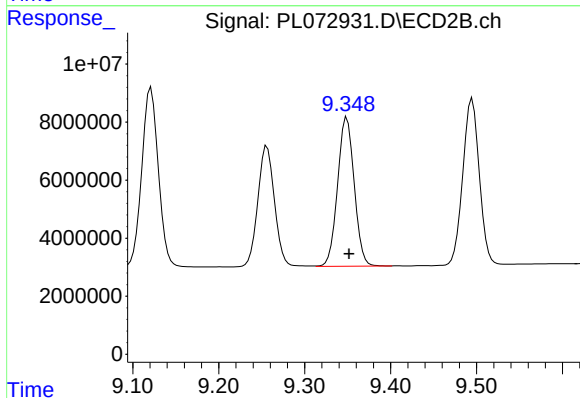
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: 0.001 min
Response: 25809868
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
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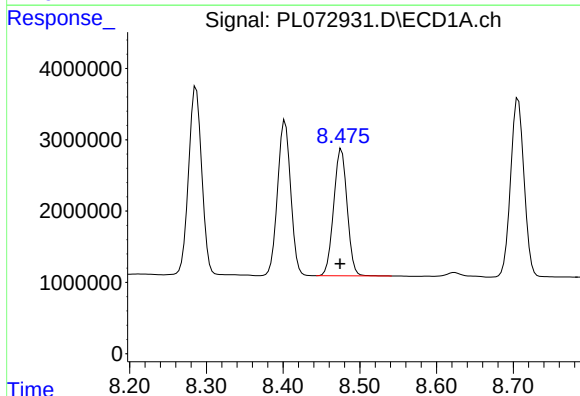
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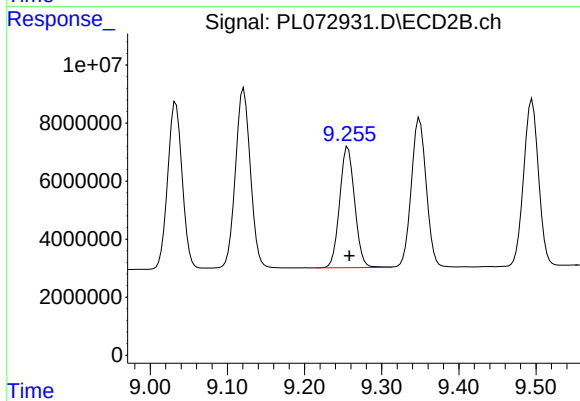
#17 4,4'-DDT

R.T.: 9.349 min
Delta R.T.: -0.002 min
Response: 68927337
Conc: 45.03 ng/ml



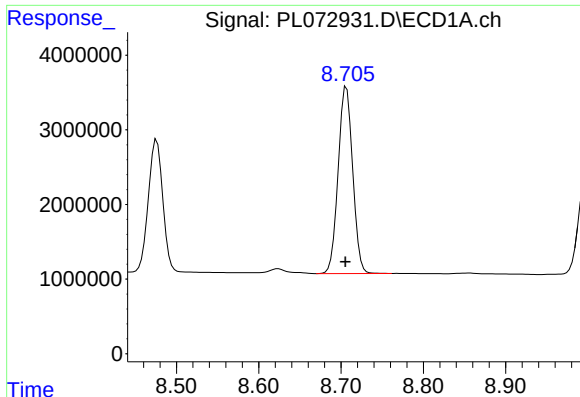
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: 0.002 min
Response: 21692667
Conc: 49.77 ng/ml



#18 Endrin aldehyde

R.T.: 9.256 min
Delta R.T.: -0.002 min
Response: 56168827
Conc: 49.91 ng/ml



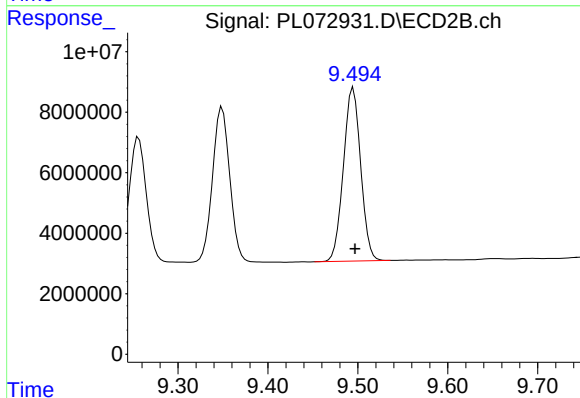
#19 Endosulfan Sulfate

R.T.: 8.707 min
Delta R.T.: 0.002 min
Response: 30724412
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

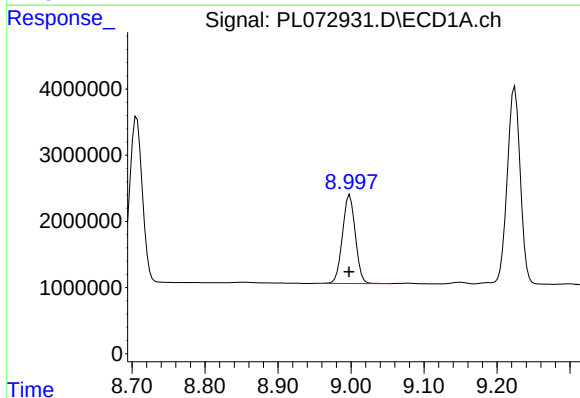
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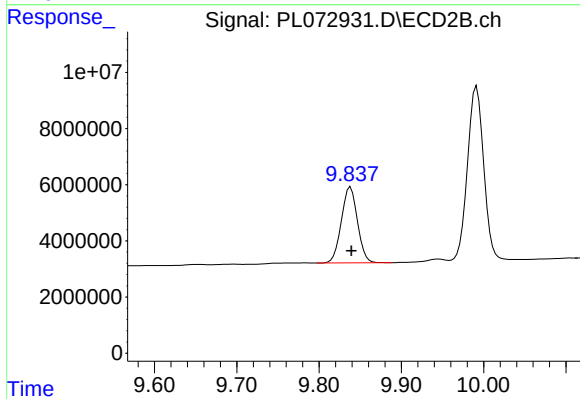
#19 Endosulfan Sulfate

R.T.: 9.495 min
Delta R.T.: -0.002 min
Response: 76457998
Conc: 51.11 ng/ml



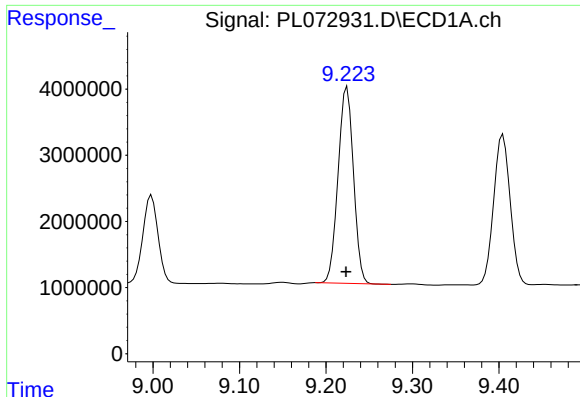
#20 Methoxychlor

R.T.: 8.998 min
Delta R.T.: 0.000 min
Response: 16393361
Conc: 46.62 ng/ml



#20 Methoxychlor

R.T.: 9.838 min
Delta R.T.: -0.001 min
Response: 36778399
Conc: 45.42 ng/ml



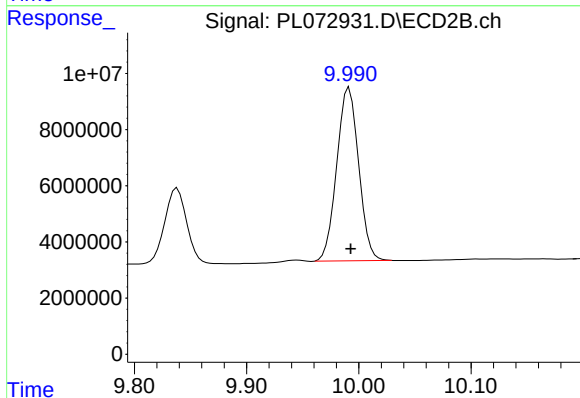
#21 Endrin ketone

R.T.: 9.224 min
Delta R.T.: 0.001 min
Response: 36431918
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

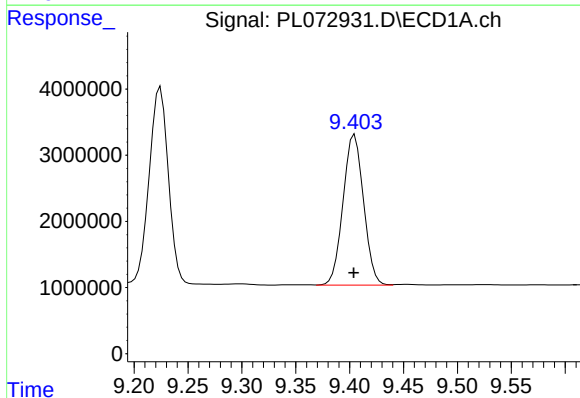
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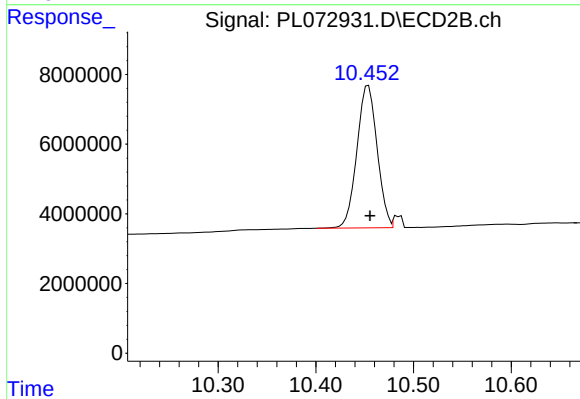
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.001 min
Response: 83789226
Conc: 52.59 ng/ml



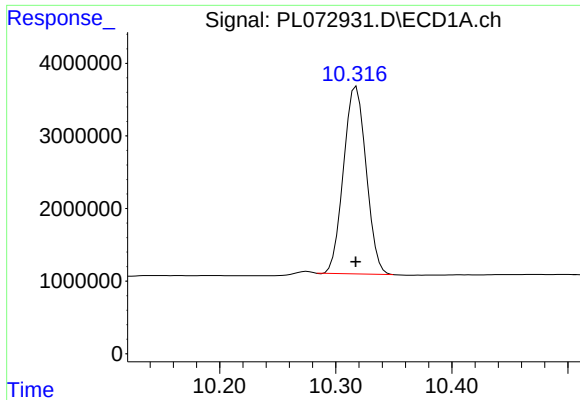
#22 Mirex

R.T.: 9.405 min
Delta R.T.: 0.000 min
Response: 30128944
Conc: 50.79 ng/ml



#22 Mirex

R.T.: 10.454 min
Delta R.T.: -0.002 min
Response: 58837659
Conc: 50.12 ng/ml



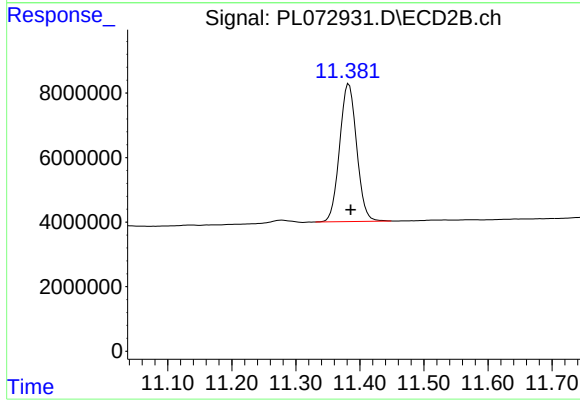
#28 Decachlorobiphenyl

R.T.: 10.318 min
Delta R.T.: 0.000 min
Response: 34910332
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/24/2022
Supervised By :Ankita Jodhani 02/24/2022



#28 Decachlorobiphenyl

R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 78725925
Conc: 49.64 ng/ml