

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122822\
 Data File : PL079930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2022 11:57
 Operator : AR\AJ
 Sample : N6208-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HD-01-122322MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/29/2022
 Supervised By : Ankita Jodhani 12/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 21:01:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122322.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 19:58:15 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...	3.316	2.566	37842836	54656338	16.139	19.291
28)	SA Decachlor...	8.761	7.628	31095415	37930684	15.822	16.624
Target Compounds							
2)	A alpha-BHC	3.777	3.052	123.0E6	176.5E6	34.077	39.290
3)	MA gamma-BHC...	4.109	3.372	113.5E6	159.2E6	33.475	39.884
4)	MA Heptachlor	4.679	3.699	116.7E6	169.7E6	34.362	41.007
5)	MB Aldrin	5.016	3.968	109.4E6	154.7E6	34.747	40.026m
6)	B beta-BHC	4.325	3.673	52744520	63732382	36.103	41.241
7)	B delta-BHC	4.565	3.890	69868674	141.4E6	25.975	35.237m#
8)	B Heptachlo...	5.449	4.466	91121734	122.1E6	33.766m	35.190
9)	A Endosulfan I	5.834	4.827	88408232	101.7E6	32.515	30.723
10)	B gamma-Chl...	5.705	4.713	95987790	137.2E6	33.225	39.074
11)	B alpha-Chl...	5.782	4.775	95850647	125.4E6	33.037	36.429
12)	B 4,4'-DDE	5.965	4.969	81147960	121.3E6	31.510	37.909
13)	MA Dieldrin	6.112	5.090	92434313	130.0E6	33.260	37.505
14)	MA Endrin	6.339	5.358	71703299	116.9E6	28.189m	39.508m#
15)	B Endosulfa...	6.572	5.657	76402083	117.3E6	30.500	40.234 #
16)	A 4,4'-DDD	6.490	5.520	76195180	94940080	36.200	36.668
17)	MA 4,4'-DDT	6.799	5.766	72629027	91647209	30.830	34.226
18)	B Endrin al...	6.704	5.835	68897845	75530964	36.648	34.550
19)	B Endosulfa...	6.937	6.058	96254826	86503011	40.342	30.231 #
20)	A Methoxychlor	7.282	6.343	40196082	55493359	33.189m	39.835
21)	B Endrin ke...	7.422	6.553	81366546	108.8E6	32.233	34.818
22)	Mirex	7.878	6.724	68887965	84084990	35.523	35.445

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122822\
Data File : PL079930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Dec 2022 11:57
Operator : AR\AJ
Sample : N6208-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

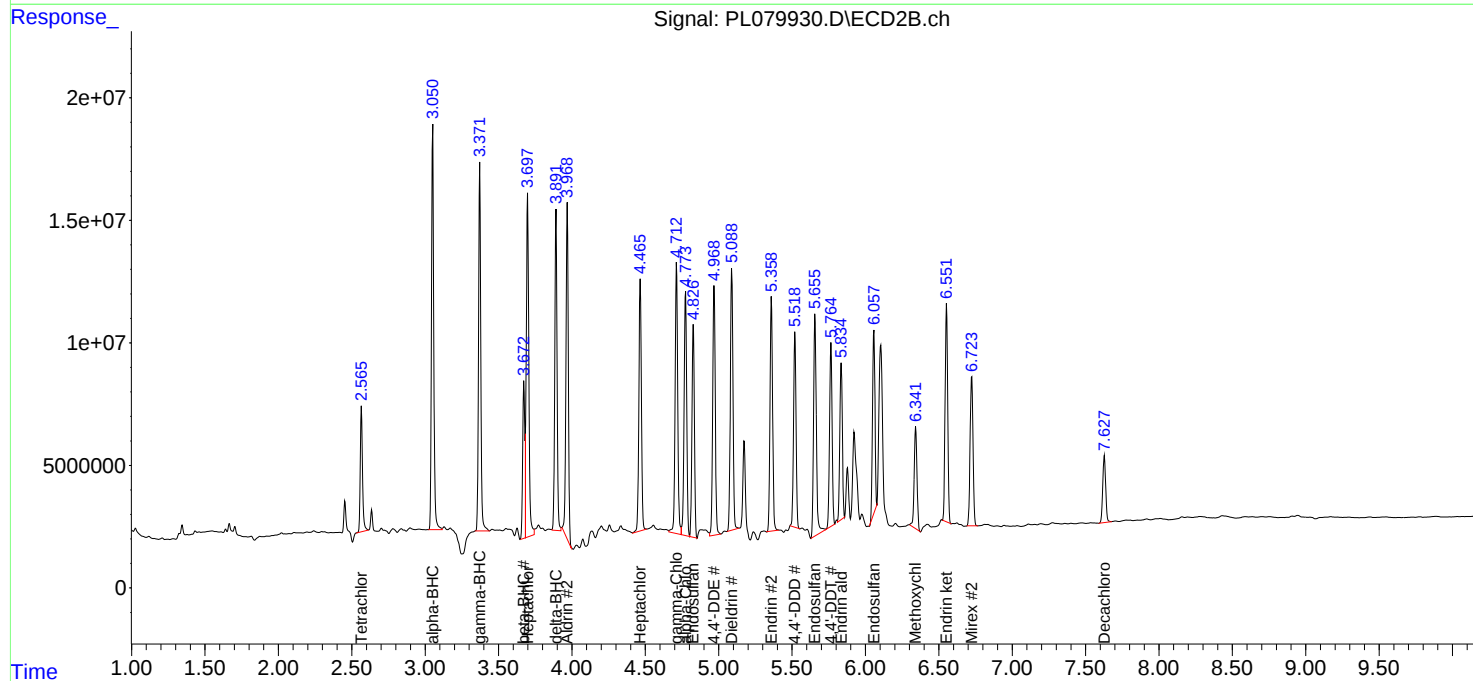
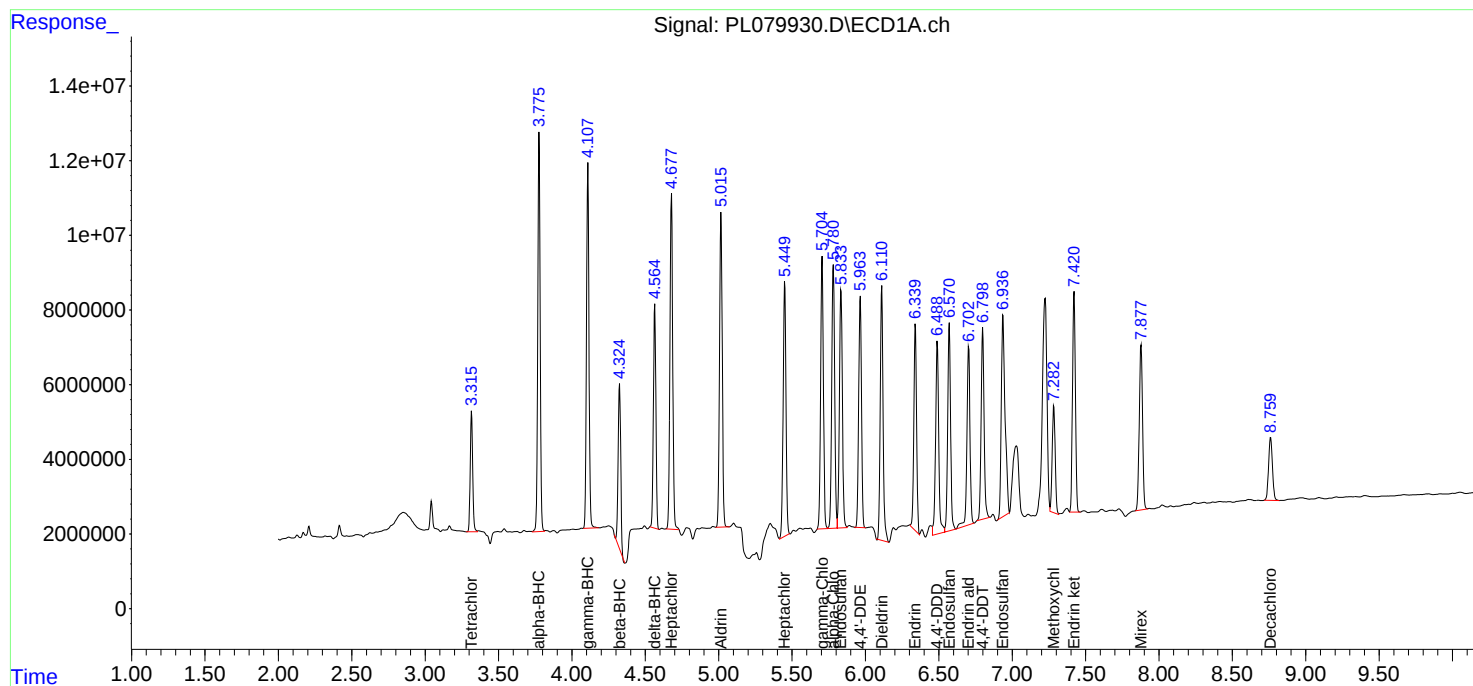
Instrument :
ECD_L
ClientSampleId :
HD-01-122322MSD

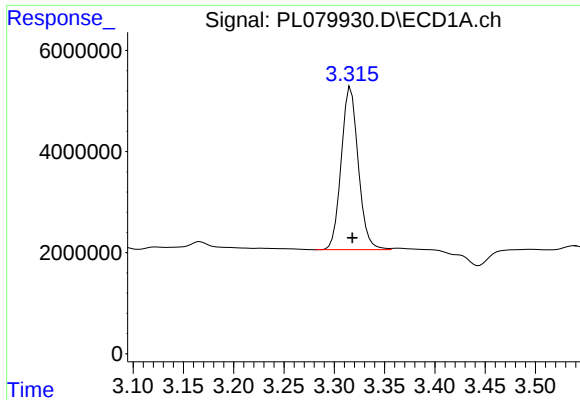
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 21:01:06 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122322.M
Quant Title : GC Extractables
QLast Update : Sun Dec 25 19:58:15 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





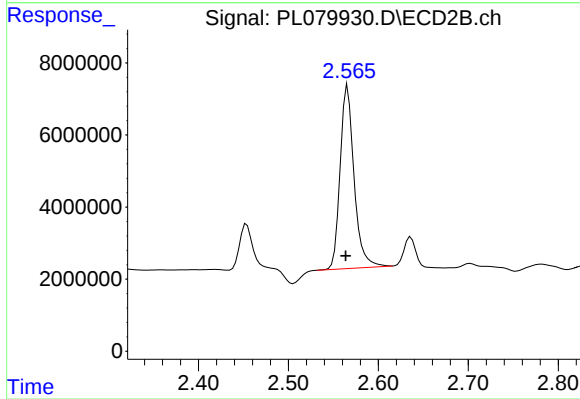
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.002 min
Response: 37842836
Conc: 16.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-122322MSD

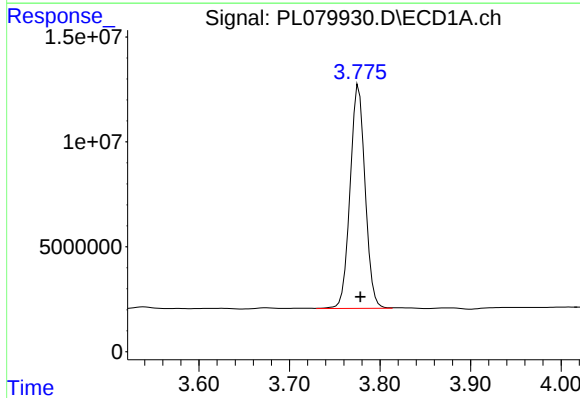
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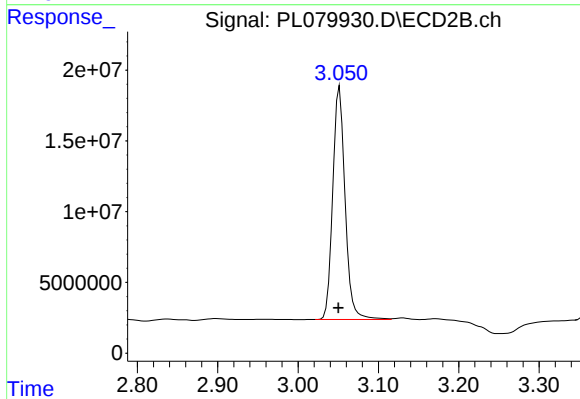
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: 0.002 min
Response: 54656338
Conc: 19.29 ng/ml



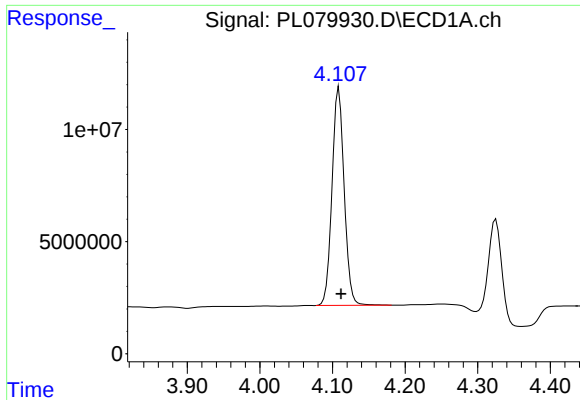
#2 alpha-BHC

R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 122973189
Conc: 34.08 ng/ml



#2 alpha-BHC

R.T.: 3.052 min
Delta R.T.: 0.002 min
Response: 176450103
Conc: 39.29 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.109 min
Delta R.T.: -0.003 min
Response: 113493475
Conc: 33.47 ng/ml

Instrument :

ECD_L

ClientSampleId :

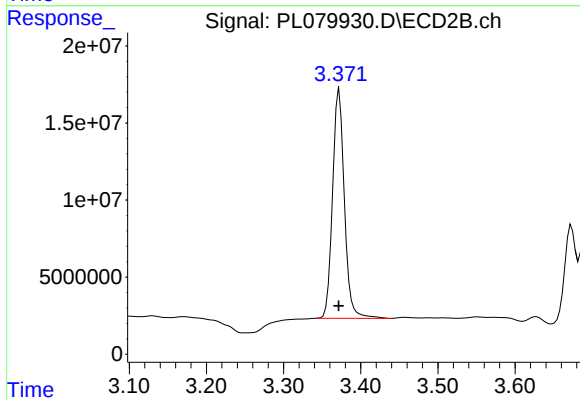
HD-01-122322MSD

Manual Integrations

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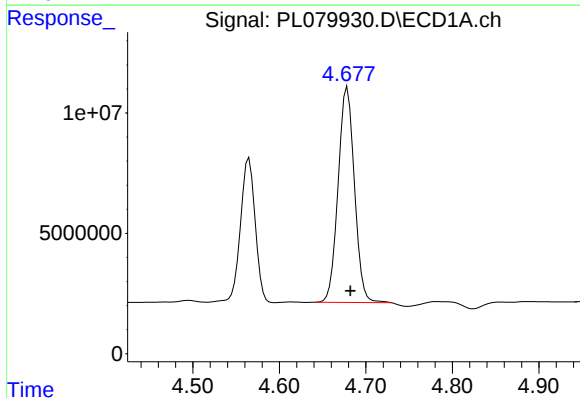
Reviewed By :Abdul Mirza 12/29/2022

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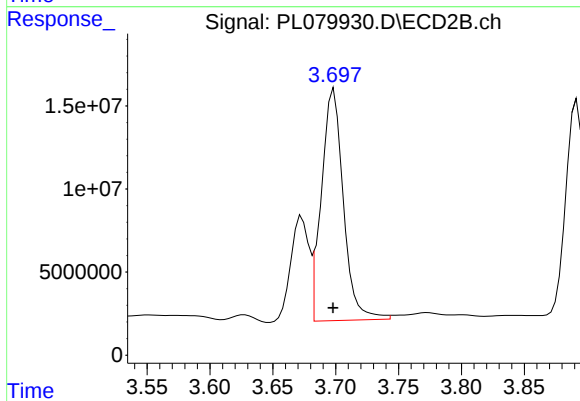
#3 gamma-BHC (Lindane)

R.T.: 3.372 min
Delta R.T.: 0.000 min
Response: 159226476
Conc: 39.88 ng/ml



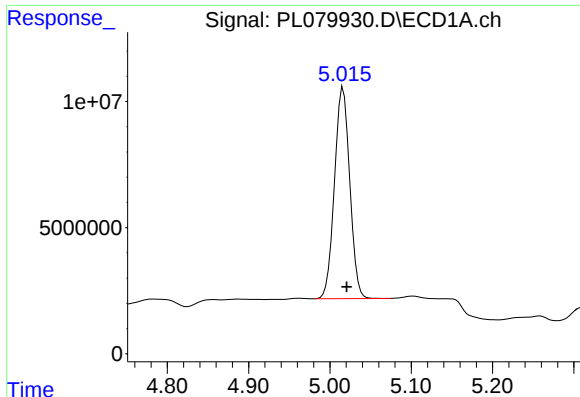
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: -0.004 min
Response: 116654271
Conc: 34.36 ng/ml



#4 Heptachlor

R.T.: 3.699 min
Delta R.T.: 0.000 min
Response: 169662266
Conc: 41.01 ng/ml



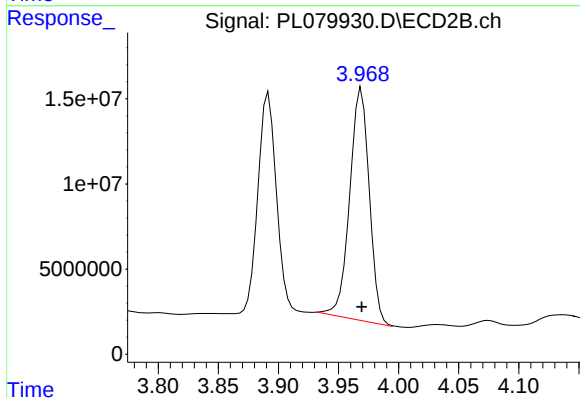
#5 Aldrin

R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 109365228
Conc: 34.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-122322MSD

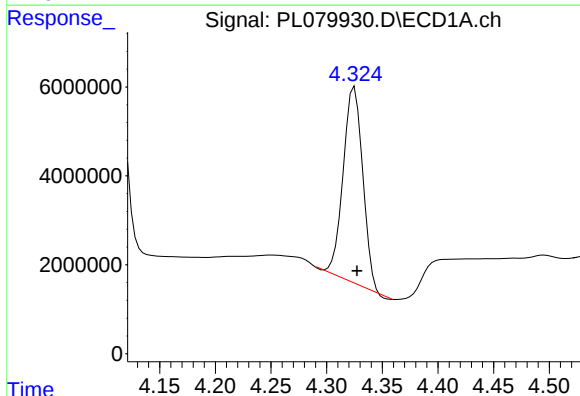
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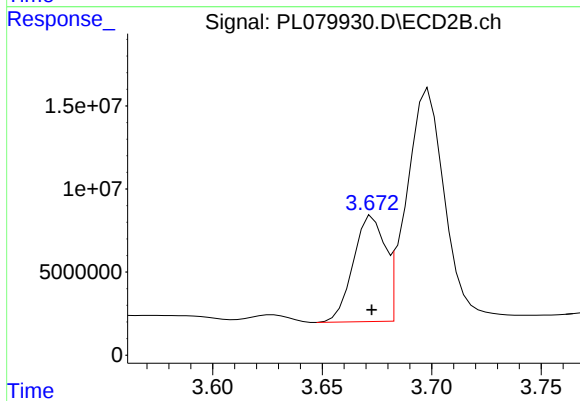
#5 Aldrin

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 154727400
Conc: 40.03 ng/ml m



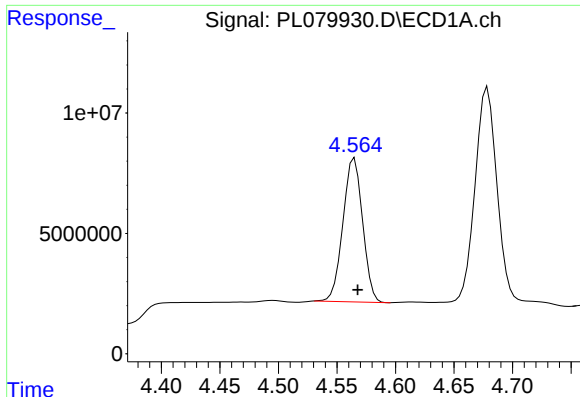
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 52744520
Conc: 36.10 ng/ml



#6 beta-BHC

R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 63732382
Conc: 41.24 ng/ml



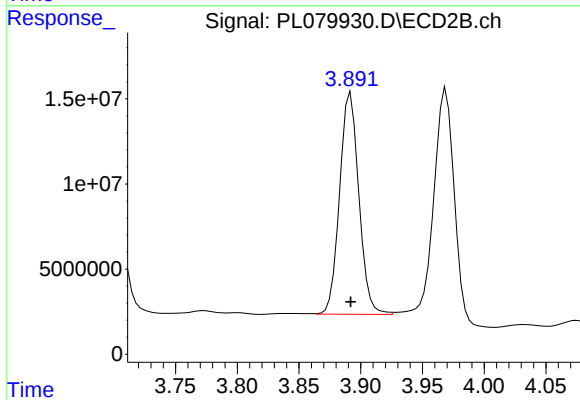
#7 delta-BHC

R.T.: 4.565 min
Delta R.T.: -0.003 min
Response: 69868674
Conc: 25.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-122322MSD

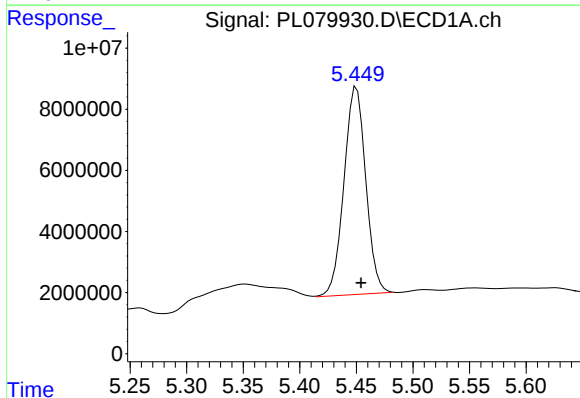
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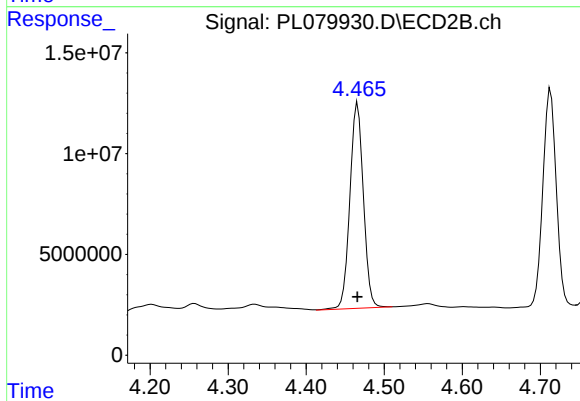
#7 delta-BHC

R.T.: 3.890 min
Delta R.T.: -0.001 min
Response: 141412439
Conc: 35.24 ng/ml m



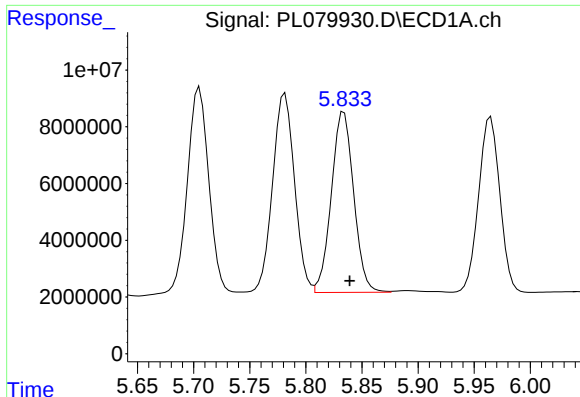
#8 Heptachlor epoxide

R.T.: 5.449 min
Delta R.T.: -0.005 min
Response: 91121734
Conc: 33.77 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 122134669
Conc: 35.19 ng/ml



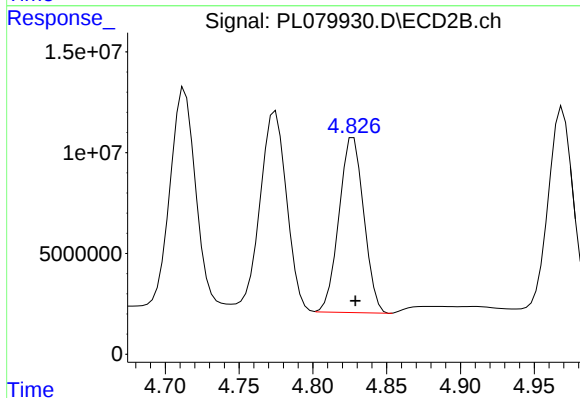
#9 Endosulfan I

R.T.: 5.834 min
Delta R.T.: -0.005 min
Response: 88408232
Conc: 32.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-122322MSD

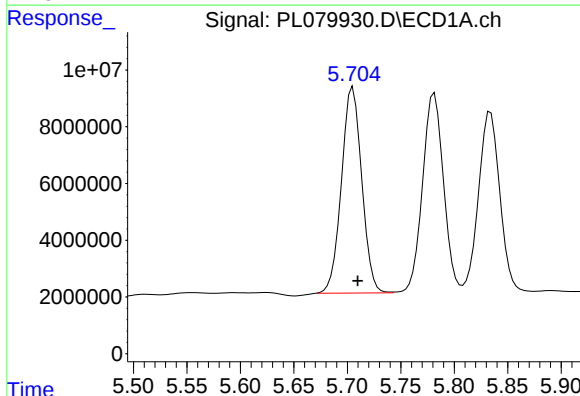
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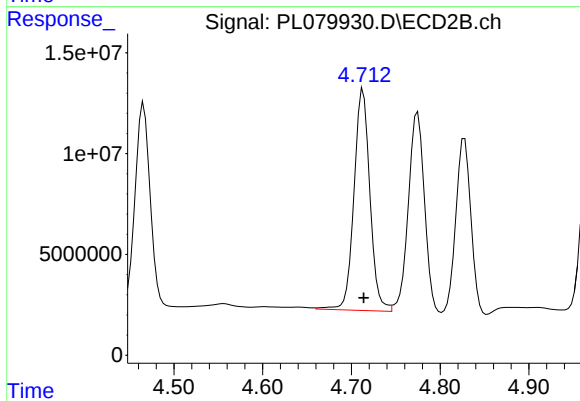
#9 Endosulfan I

R.T.: 4.827 min
Delta R.T.: -0.001 min
Response: 101680528
Conc: 30.72 ng/ml



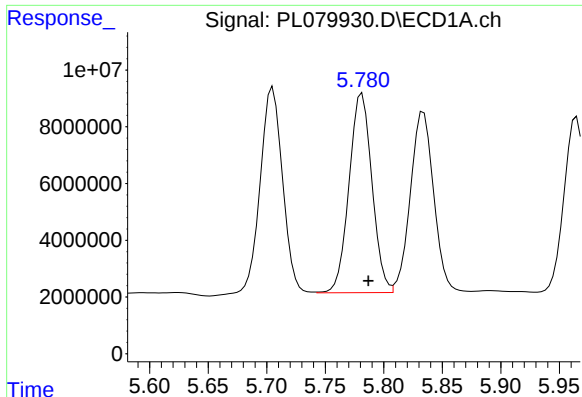
#10 gamma-Chlordane

R.T.: 5.705 min
Delta R.T.: -0.005 min
Response: 95987790
Conc: 33.23 ng/ml



#10 gamma-Chlordane

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 137196011
Conc: 39.07 ng/ml



#11 alpha-Chlordane

R.T.: 5.782 min
Delta R.T.: -0.005 min
Response: 95850647
Conc: 33.04 ng/ml

Instrument :

ECD_L

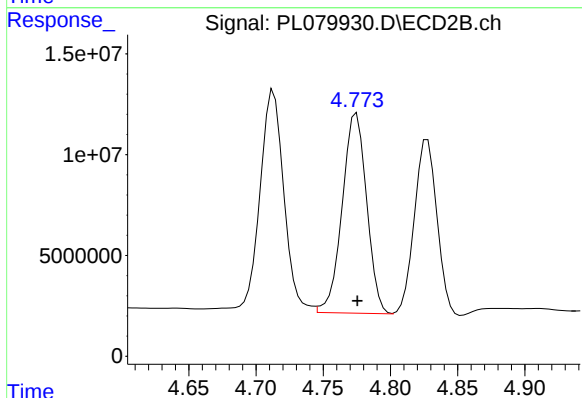
ClientSampleId :

HD-01-122322MSD

Manual Integrations

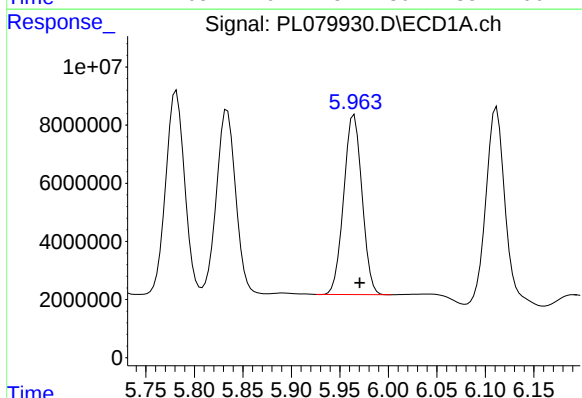
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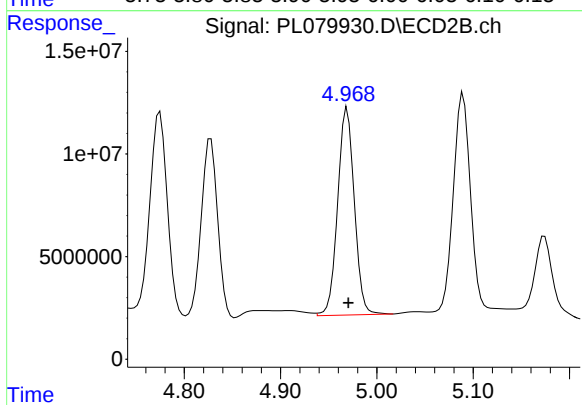
#11 alpha-Chlordane

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 125356494
Conc: 36.43 ng/ml



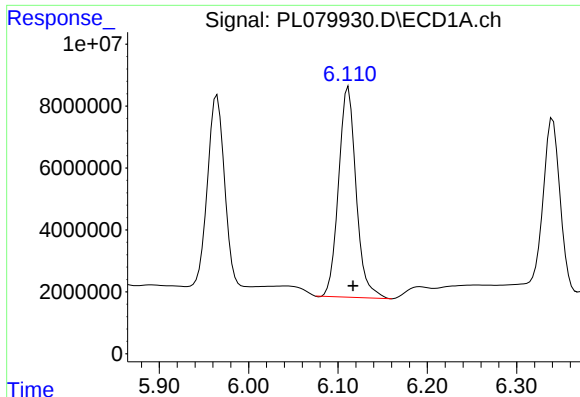
#12 4,4'-DDE

R.T.: 5.965 min
Delta R.T.: -0.006 min
Response: 81147960
Conc: 31.51 ng/ml



#12 4,4'-DDE

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 121290023
Conc: 37.91 ng/ml



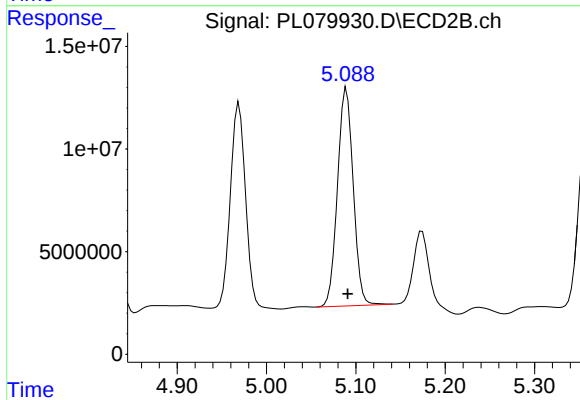
#13 Dieldrin

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 92434313
Conc: 33.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-122322MSD

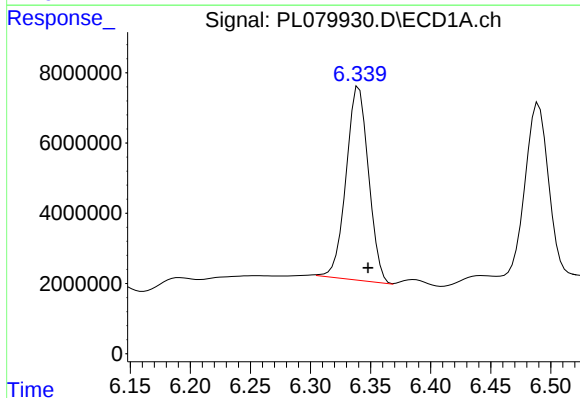
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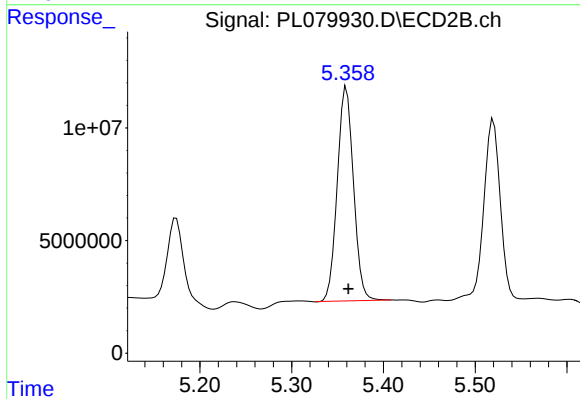
#13 Dieldrin

R.T.: 5.090 min
Delta R.T.: -0.001 min
Response: 130021817
Conc: 37.50 ng/ml



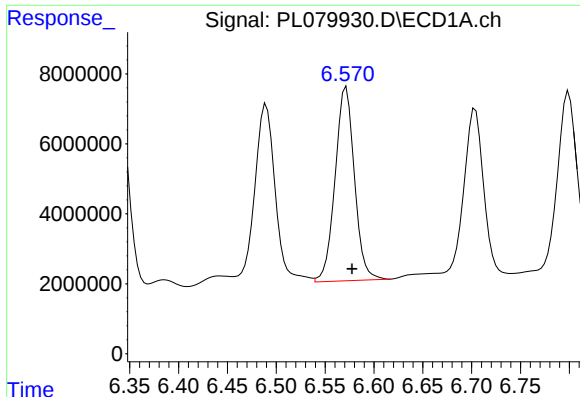
#14 Endrin

R.T.: 6.339 min
Delta R.T.: -0.009 min
Response: 71703299
Conc: 28.19 ng/ml m



#14 Endrin

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 116941251
Conc: 39.51 ng/ml m



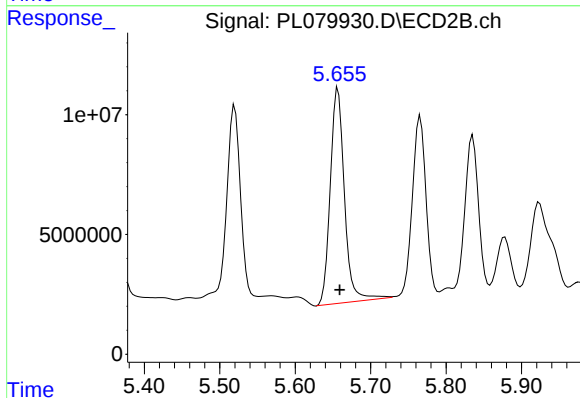
#15 Endosulfan II

R.T.: 6.572 min
Delta R.T.: -0.006 min
Response: 76402083
Conc: 30.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-122322MSD

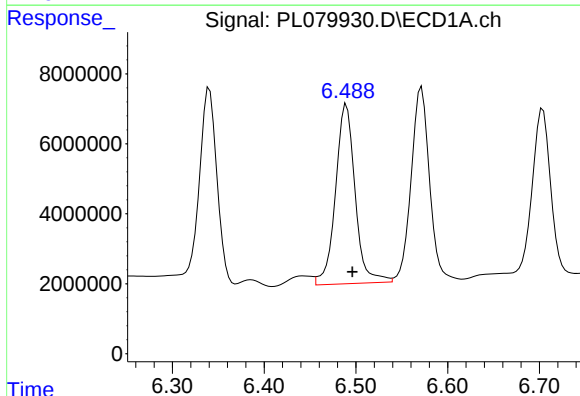
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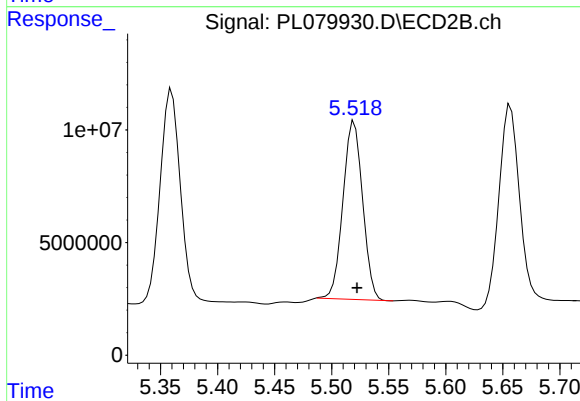
#15 Endosulfan II

R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 117282210
Conc: 40.23 ng/ml



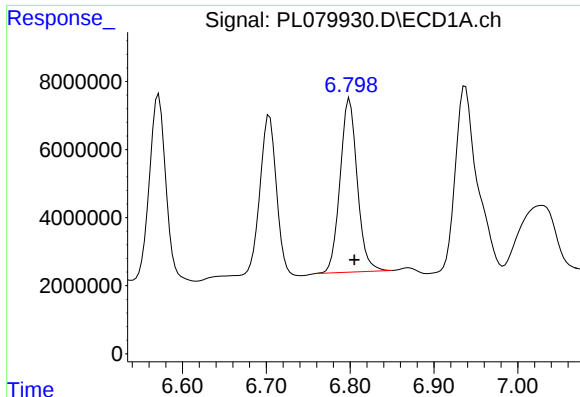
#16 4,4'-DDD

R.T.: 6.490 min
Delta R.T.: -0.006 min
Response: 76195180
Conc: 36.20 ng/ml



#16 4,4'-DDD

R.T.: 5.520 min
Delta R.T.: -0.002 min
Response: 94940080
Conc: 36.67 ng/ml



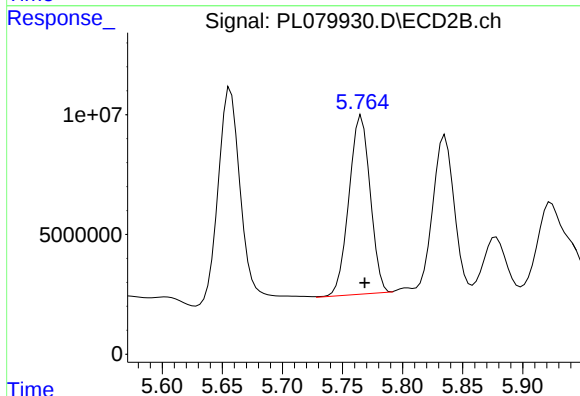
#17 4,4'-DDT

R.T.: 6.799 min
Delta R.T.: -0.006 min
Response: 72629027
Conc: 30.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-122322MSD

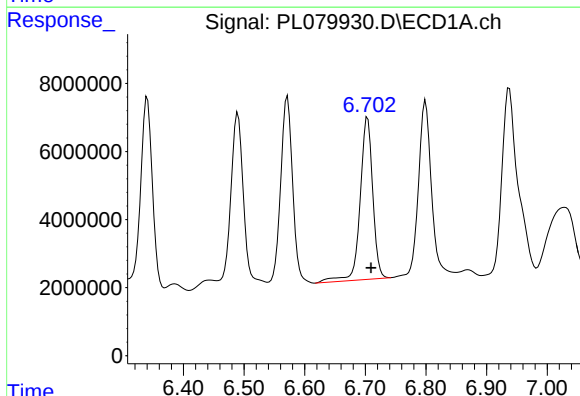
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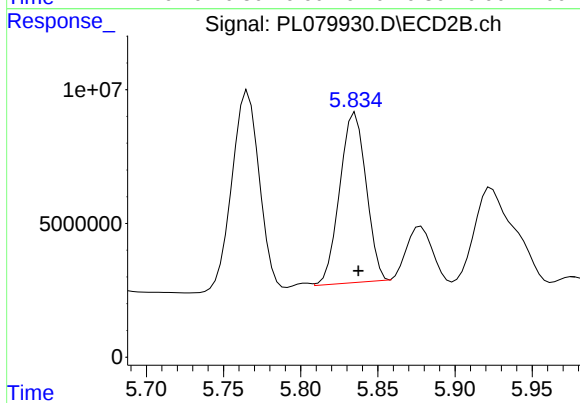
#17 4,4'-DDT

R.T.: 5.766 min
Delta R.T.: -0.003 min
Response: 91647209
Conc: 34.23 ng/ml



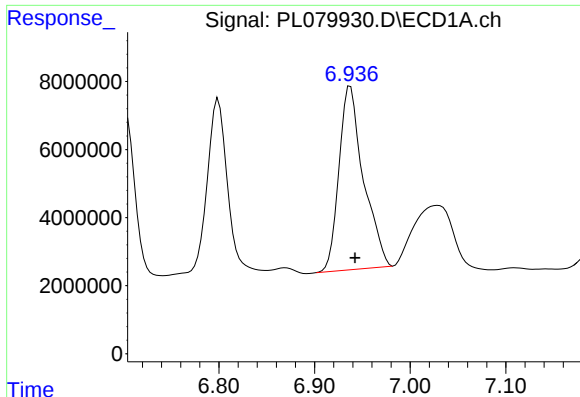
#18 Endrin aldehyde

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 68897845
Conc: 36.65 ng/ml



#18 Endrin aldehyde

R.T.: 5.835 min
Delta R.T.: -0.002 min
Response: 75530964
Conc: 34.55 ng/ml



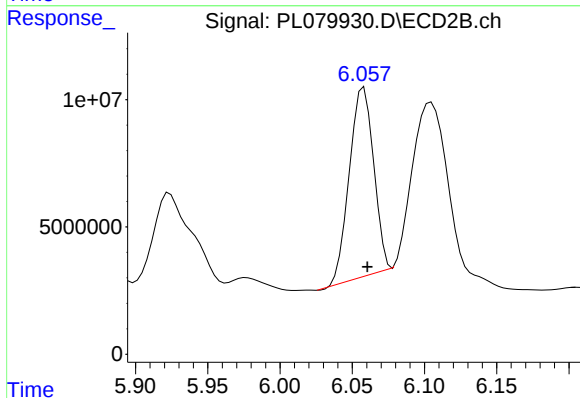
#19 Endosulfan Sulfate

R.T.: 6.937 min
Delta R.T.: -0.005 min
Response: 96254826
Conc: 40.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-122322MSD

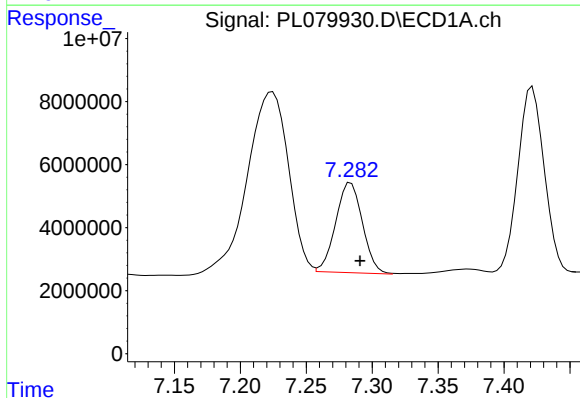
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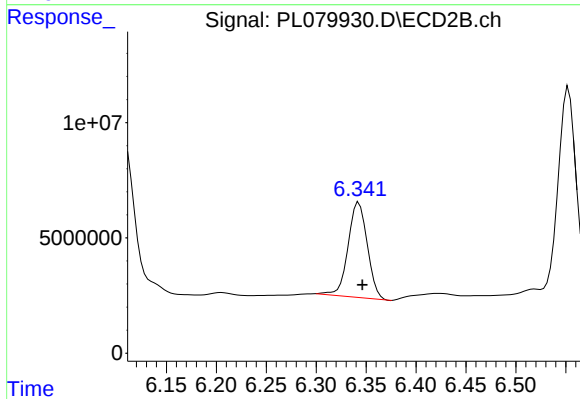
#19 Endosulfan Sulfate

R.T.: 6.058 min
Delta R.T.: -0.003 min
Response: 86503011
Conc: 30.23 ng/ml



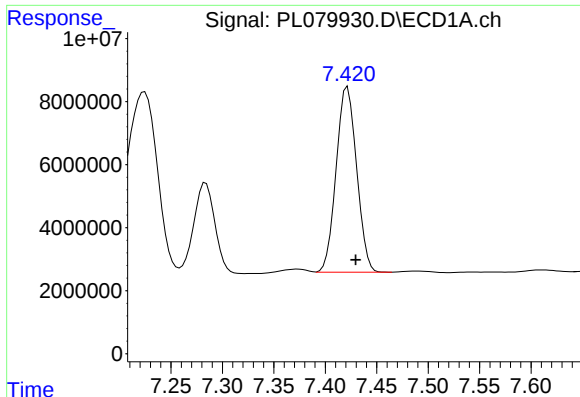
#20 Methoxychlor

R.T.: 7.282 min
Delta R.T.: -0.008 min
Response: 40196082
Conc: 33.19 ng/ml m



#20 Methoxychlor

R.T.: 6.343 min
Delta R.T.: -0.004 min
Response: 55493359
Conc: 39.83 ng/ml



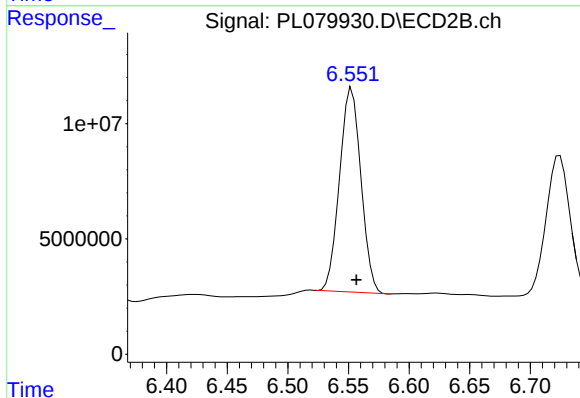
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.008 min
Response: 81366546
Conc: 32.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-122322MSD

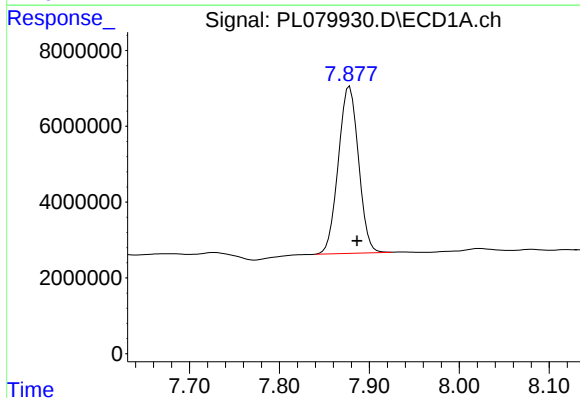
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/29/2022
Supervised By :Ankita Jodhani 12/29/2022



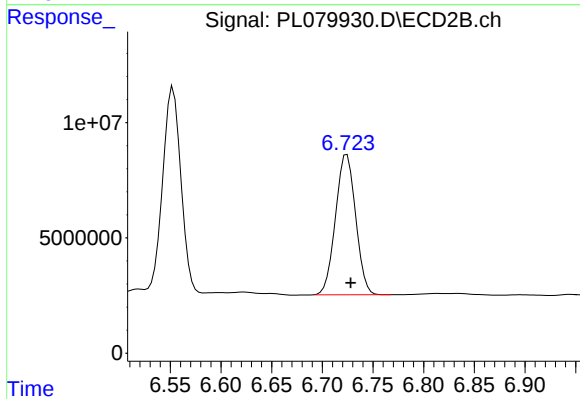
#21 Endrin ketone

R.T.: 6.553 min
Delta R.T.: -0.004 min
Response: 108764495
Conc: 34.82 ng/ml



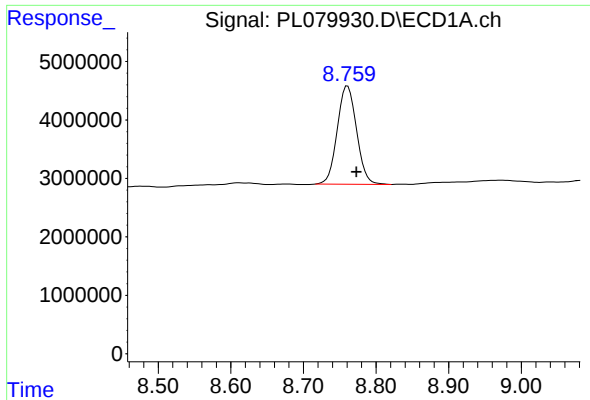
#22 Mirex

R.T.: 7.878 min
Delta R.T.: -0.008 min
Response: 68887965
Conc: 35.52 ng/ml



#22 Mirex

R.T.: 6.724 min
Delta R.T.: -0.004 min
Response: 84084990
Conc: 35.45 ng/ml



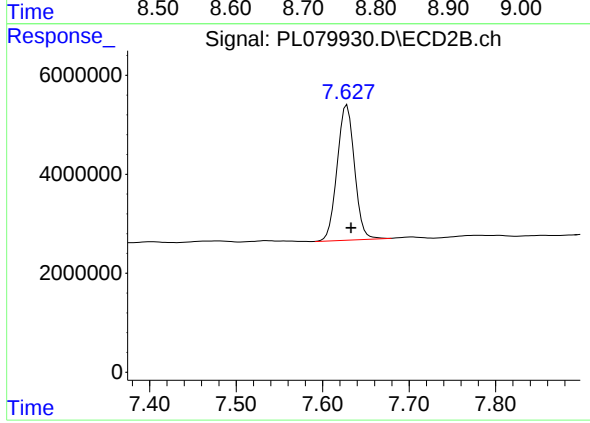
#28 Decachlorobiphenyl

R.T.: 8.761 min
Delta R.T.: -0.012 min
Response: 31095415
Conc: 15.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-122322MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/29/2022
Supervised By :Ankita Jodhani 12/29/2022



#28 Decachlorobiphenyl

R.T.: 7.628 min
Delta R.T.: -0.005 min
Response: 37930684
Conc: 16.62 ng/ml