

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012420\
 Data File : PL056037.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2020 16:00
 Operator : AJ\MA
 Sample : L1246-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-1MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 22:19:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 2020
 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...	3.489	3.966	237.6E6	73357915	24.791	25.956
28)	SA Decachlor...	8.235	8.953	199.1E6	45030281	19.039	19.656
Target Compounds							
2)	A alpha-BHC	3.927	4.350	880.6E6	274.1E6	53.068	64.635
3)	MA gamma-BHC...	4.210	4.628	821.8E6	236.6E6	54.168	59.655m
4)	MA Heptachlor	4.513	5.129	25218.1E6	10068.0E6	1688.812	2977.492 #
5)	MB Aldrin	4.762	5.402f	1168.4E6	1377.5E6	79.830	401.860m#
6)	B beta-BHC	4.459	4.797	319.4E6	96580492	49.776	60.859
7)	B delta-BHC	4.665	5.011	1048.0E6	162.0E6	71.498	54.223
8)	B Heptachlo...	5.200	5.801	3851.8E6	2224.7E6	279.241m	744.513 #
9)	A Endosulfan I	5.532	6.162	648.9E6	158.0E6	50.011m	54.276
10)	B gamma-Chl...	5.426	6.041	27734.2E6	8118.5E6	1976.873m	2632.643 #
11)	B alpha-Chl...	5.485	6.114	15164.0E6	6184.5E6	1096.898m	2003.035 #
12)	B 4,4'-DDE	5.647	6.265	760.4E6	233.6E6	58.218m	79.779m#
13)	MA Dieldrin	5.781	6.416	889.1E6	219.0E6	64.277m	72.453
14)	MA Endrin	6.040	6.631	1267.5E6	135.9E6	100.332	53.654m#
15)	B Endosulfa...	6.321	6.842	6281.6E6	271.6E6	562.499	101.287 #
16)	A 4,4'-DDD	6.162	6.768f	581.0E6	359.0E6	58.348m	155.713m#
17)	MA 4,4'-DDT	6.404	7.048	695.1E6	169.0E6	68.679	74.855
18)	B Endrin al...	6.480	6.960	570.8E6	207.5E6	54.924	91.900 #
19)	B Endosulfa...	6.691	7.182	659.7E6	193.0E6	60.999m	77.941m#
20)	A Methoxychlor	6.945	7.501	291.0E6	92603446	55.770m	77.609 #
21)	B Endrin ke...	7.182	7.650	623.7E6	160.6E6	49.540	60.831
22)	Mirex	7.372	8.097	395.9E6	98694238	56.364	54.088m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012420\
Data File : PL056037.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2020 16:00
Operator : AJ\MA
Sample : L1246-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

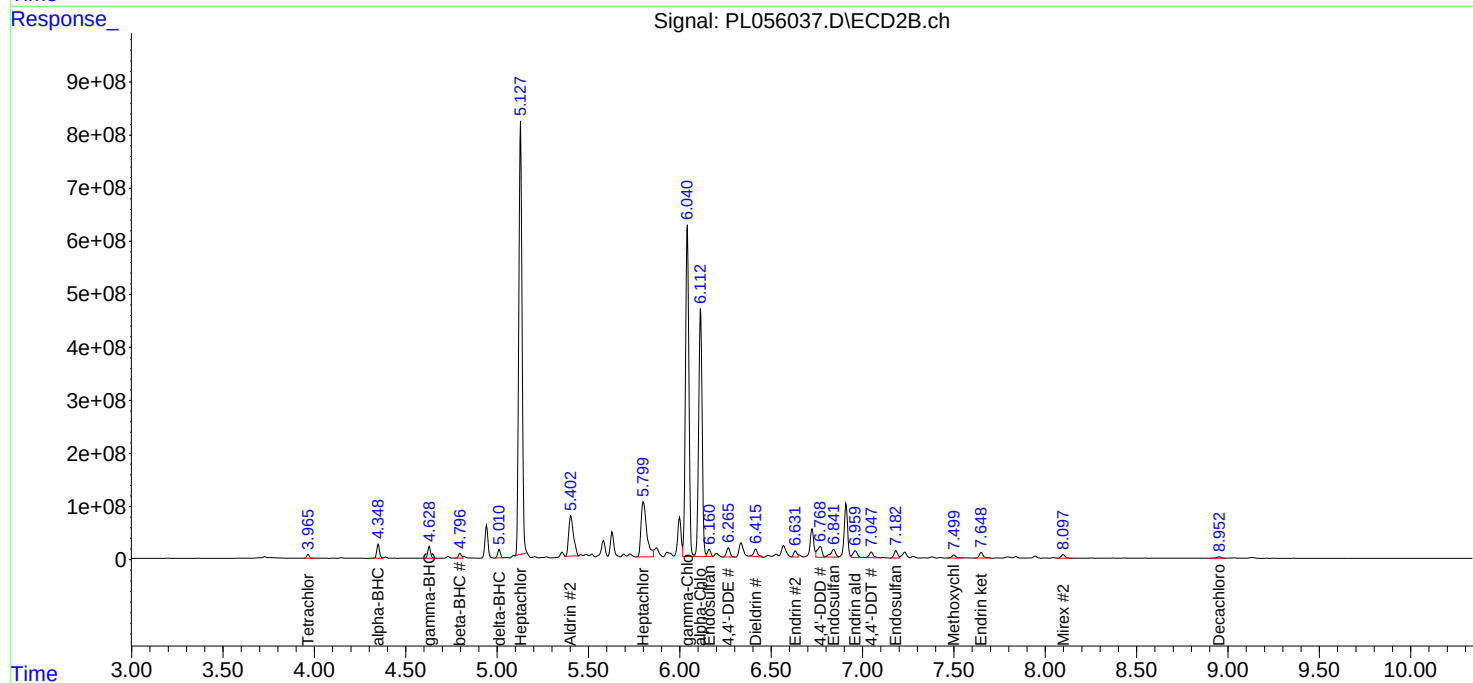
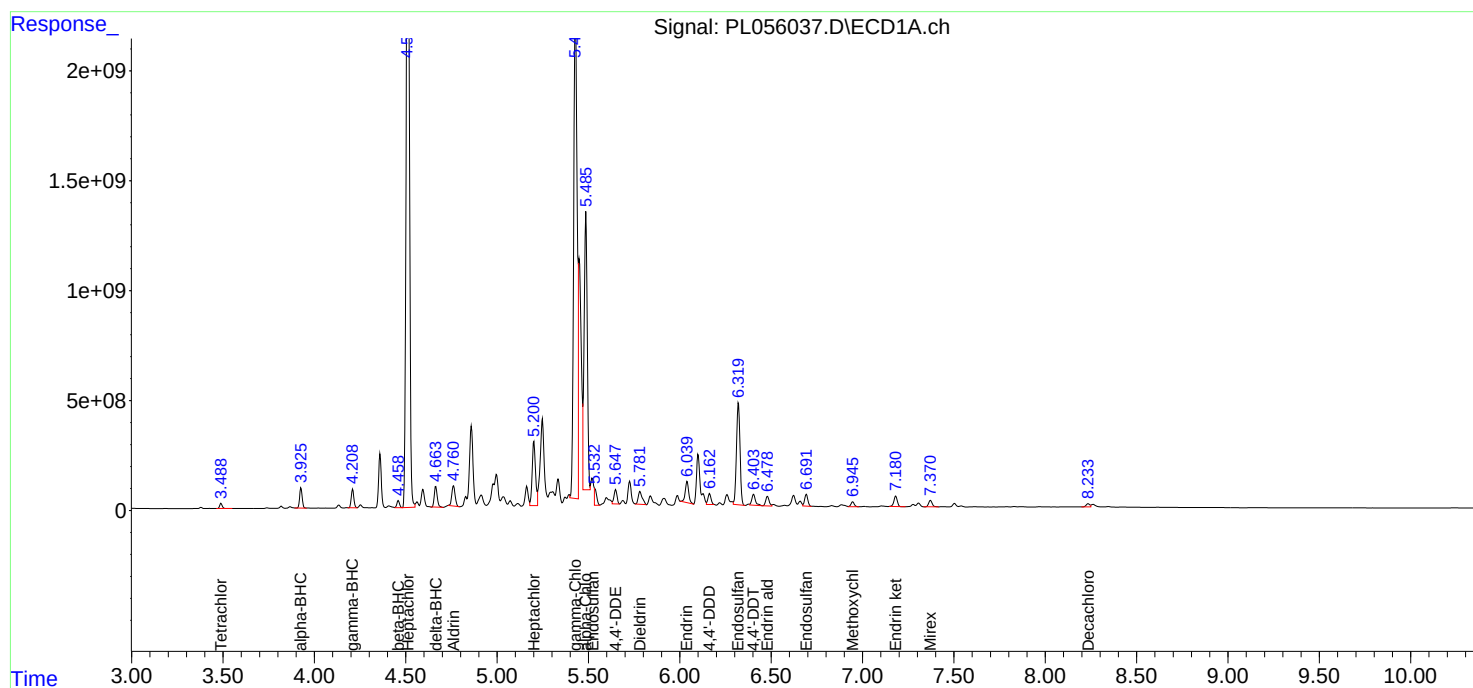
Instrument :
ECD_L
ClientSampleId :
SP-1MSD

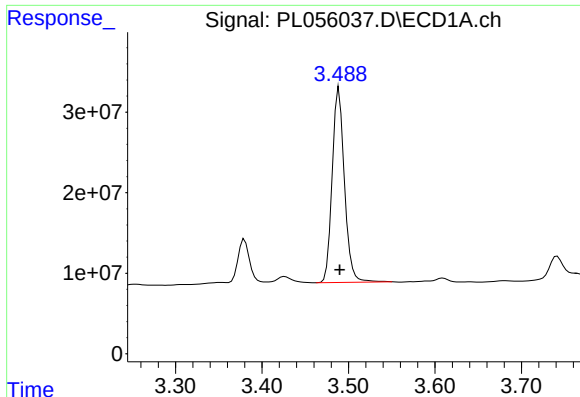
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 22:19:38 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 2020
Response 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





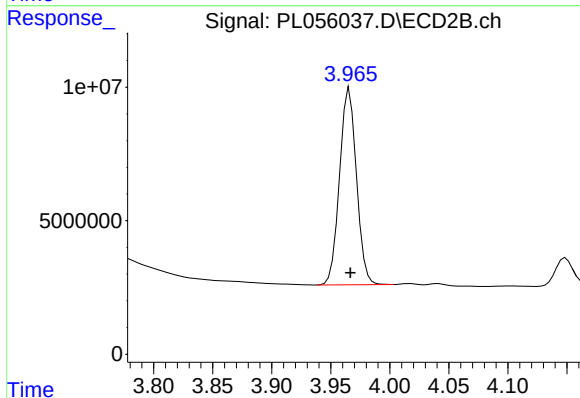
#1 Tetrachloro-m-xylene

R.T.: 3.489 min
Delta R.T.: 0.000 min
Response: 237604821
Conc: 24.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

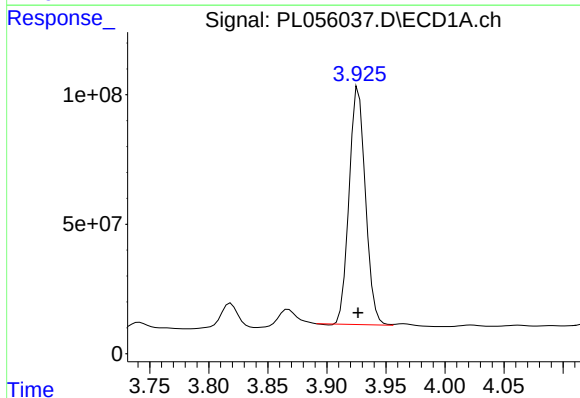
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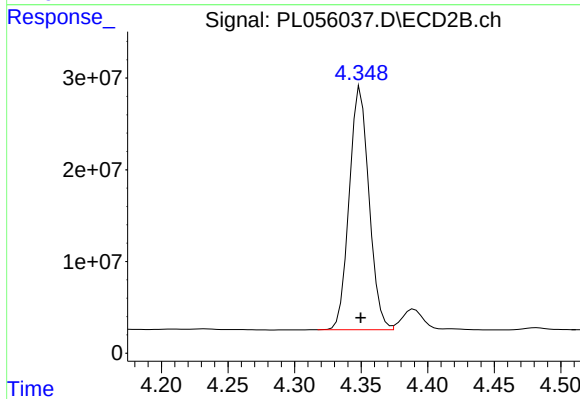
#1 Tetrachloro-m-xylene

R.T.: 3.966 min
Delta R.T.: 0.000 min
Response: 73357915
Conc: 25.96 ng/ml



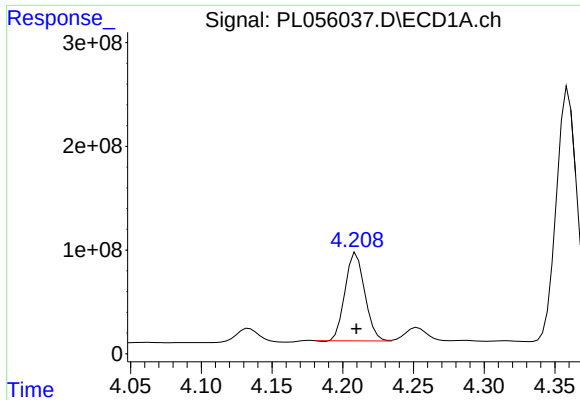
#2 alpha-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 880577150
Conc: 53.07 ng/ml



#2 alpha-BHC

R.T.: 4.350 min
Delta R.T.: 0.000 min
Response: 274107239
Conc: 64.64 ng/ml



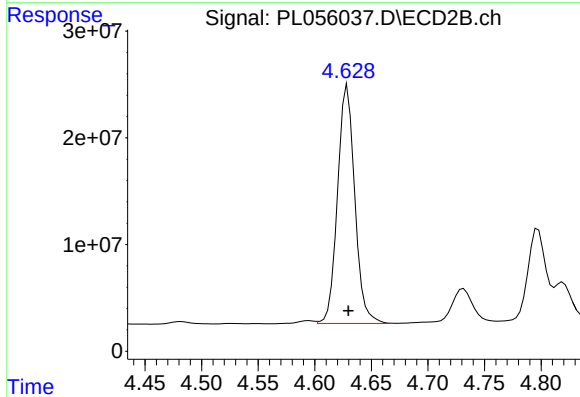
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 821780031
Conc: 54.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

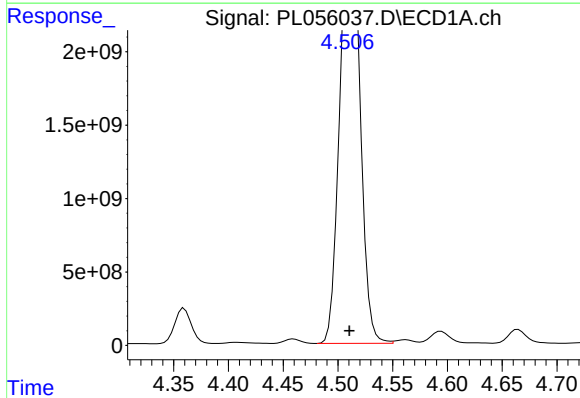
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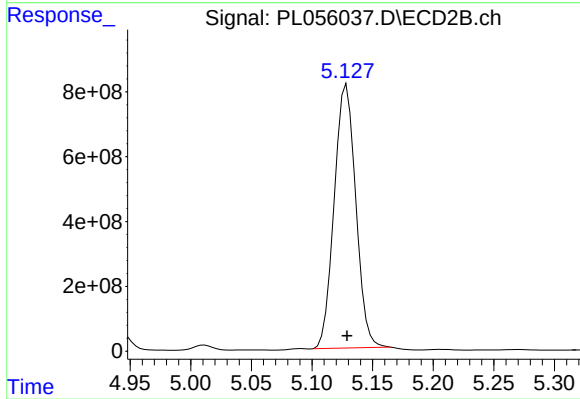
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: -0.002 min
Response: 236643055
Conc: 59.66 ng/ml m



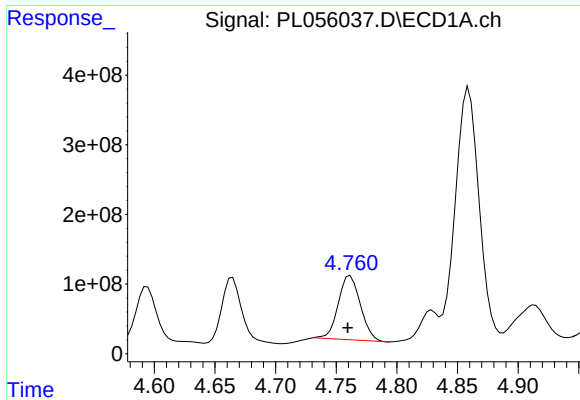
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.003 min
Response: 25218130062
Conc: 1688.81 ng/ml



#4 Heptachlor

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 10067958704
Conc: 2977.49 ng/ml



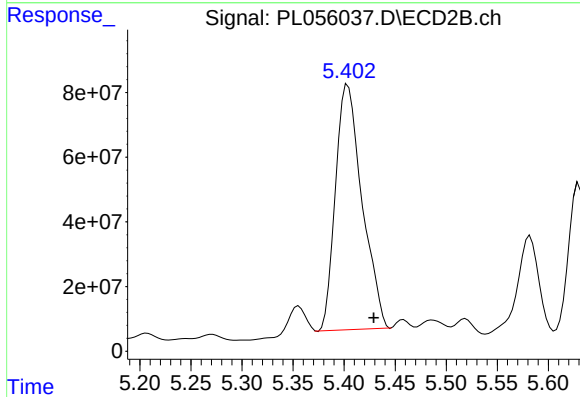
#5 Aldrin

R.T.: 4.762 min
Delta R.T.: 0.002 min
Response: 1168382848
Conc: 79.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

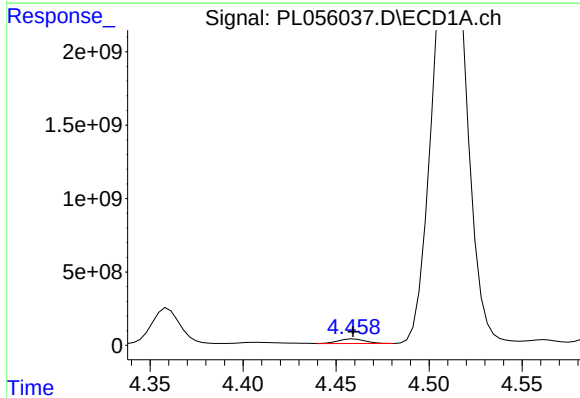
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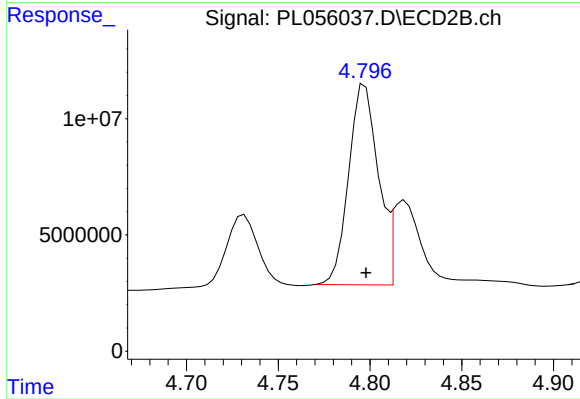
#5 Aldrin

R.T.: 5.402 min
Delta R.T.: -0.027 min
Response: 1377539344
Conc: 401.86 ng/ml m



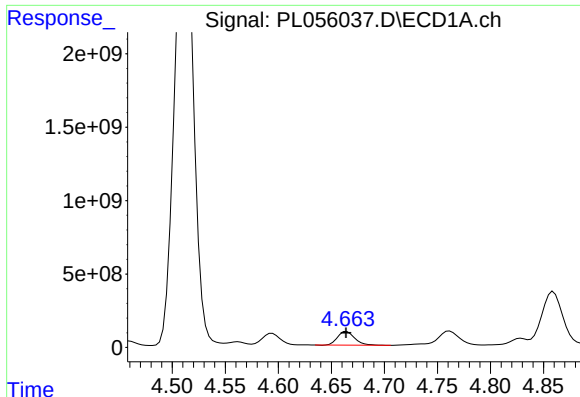
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 319428774
Conc: 49.78 ng/ml



#6 beta-BHC

R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 96580492
Conc: 60.86 ng/ml



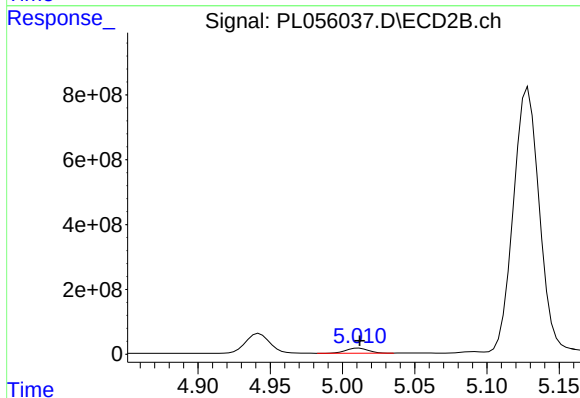
#7 delta-BHC

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 1047950550
Conc: 71.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

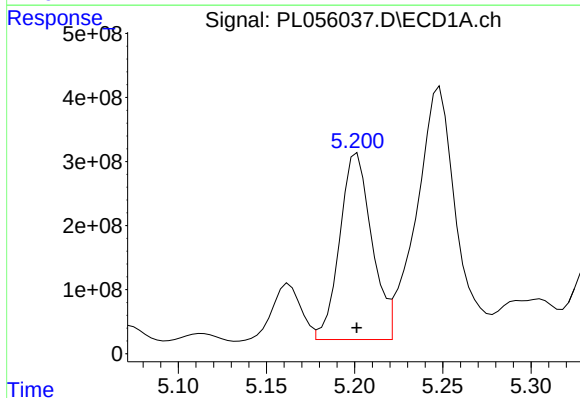
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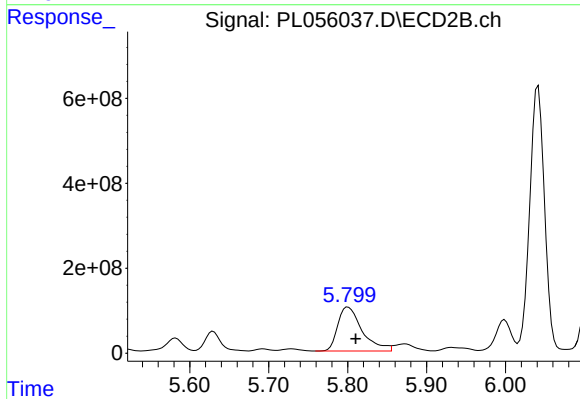
#7 delta-BHC

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 162010449
Conc: 54.22 ng/ml



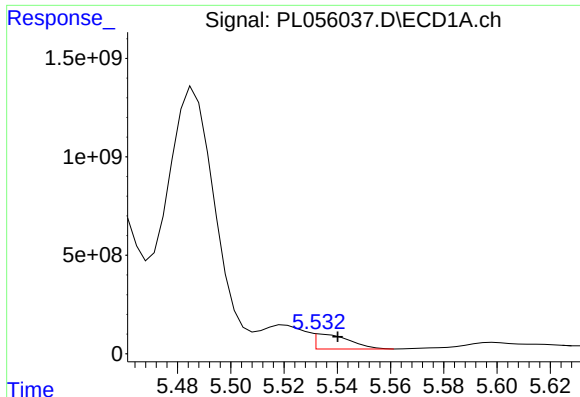
#8 Heptachlor epoxide

R.T.: 5.200 min
Delta R.T.: -0.001 min
Response: 3851833274
Conc: 279.24 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.801 min
Delta R.T.: -0.010 min
Response: 2224659686
Conc: 744.51 ng/ml



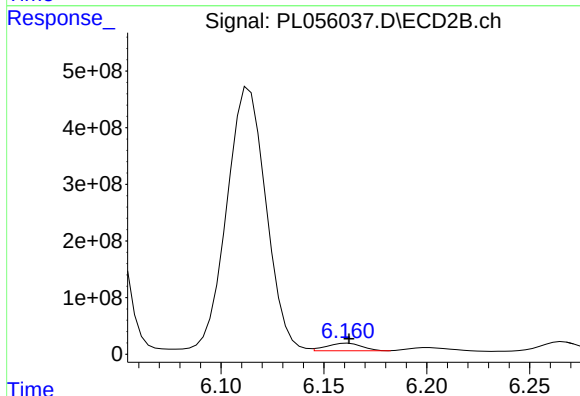
#9 Endosulfan I

R.T.: 5.532 min
Delta R.T.: -0.008 min
Response: 648886573
Conc: 50.01 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

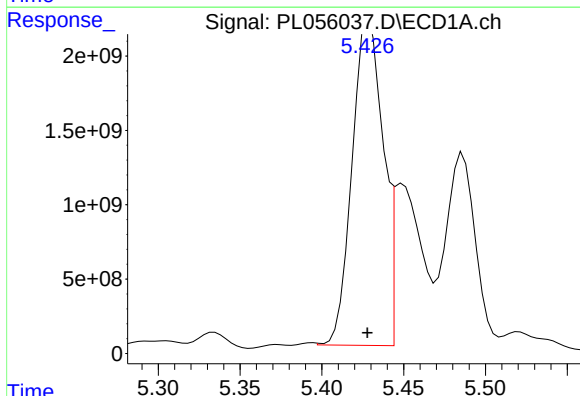
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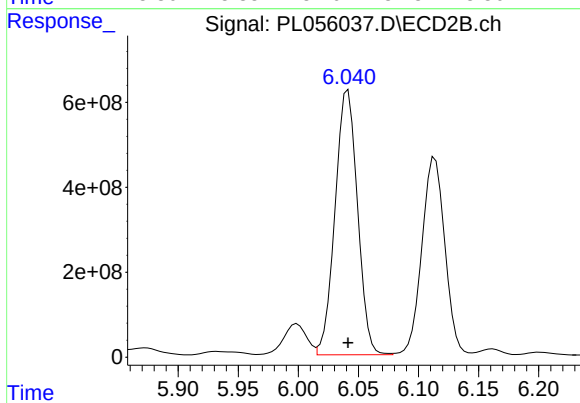
#9 Endosulfan I

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 158039663
Conc: 54.28 ng/ml



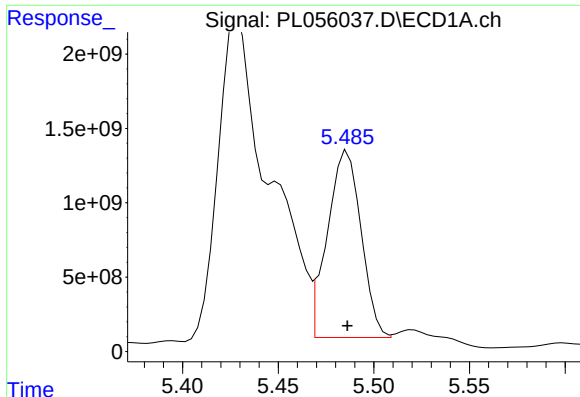
#10 gamma-Chlordane

R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 27734248524
Conc: 1976.87 ng/ml m



#10 gamma-Chlordane

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 8118512742
Conc: 2632.64 ng/ml



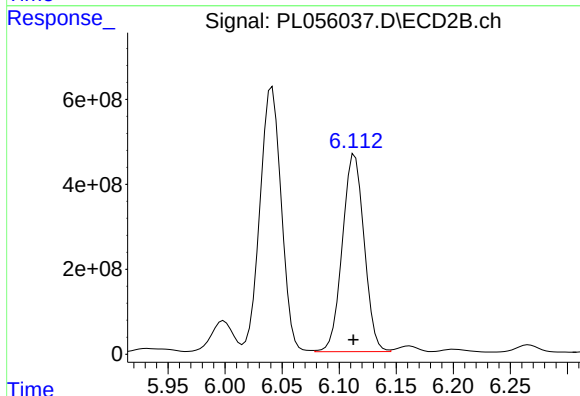
#11 alpha-Chlordane

R.T.: 5.485 min
Delta R.T.: -0.001 min
Response: 15163990007
Conc: 1096.90 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

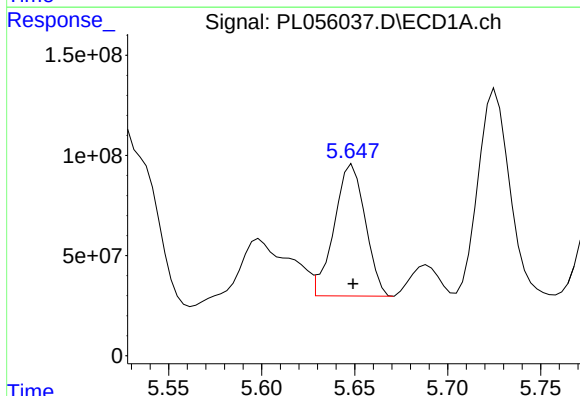
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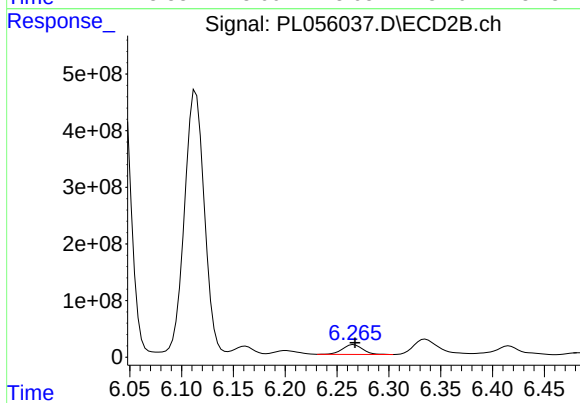
#11 alpha-Chlordane

R.T.: 6.114 min
Delta R.T.: 0.001 min
Response: 6184505957
Conc: 2003.04 ng/ml



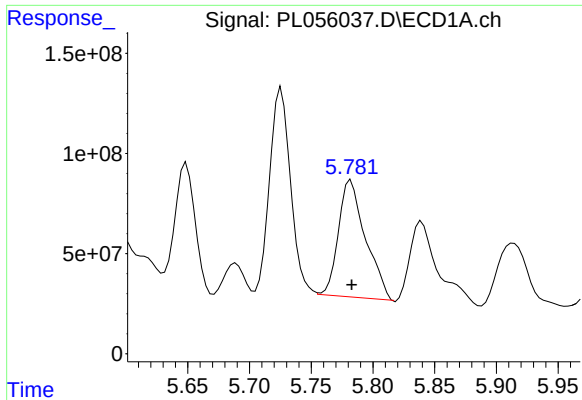
#12 4,4'-DDE

R.T.: 5.647 min
Delta R.T.: -0.002 min
Response: 760410087
Conc: 58.22 ng/ml m



#12 4,4'-DDE

R.T.: 6.265 min
Delta R.T.: -0.003 min
Response: 233636279
Conc: 79.78 ng/ml m



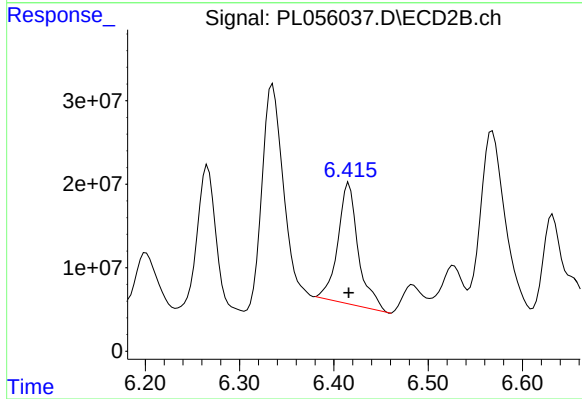
#13 Dieldrin

R.T.: 5.781 min
Delta R.T.: -0.002 min
Response: 889095665
Conc: 64.28 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

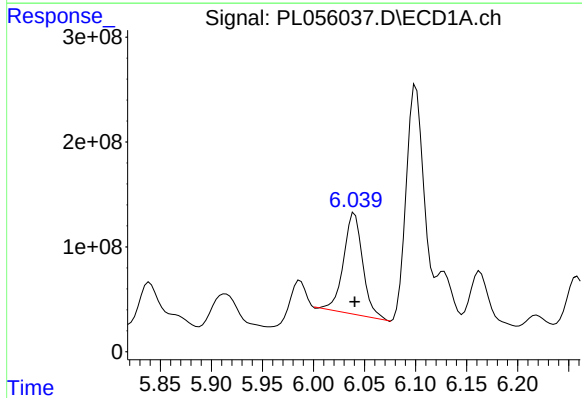
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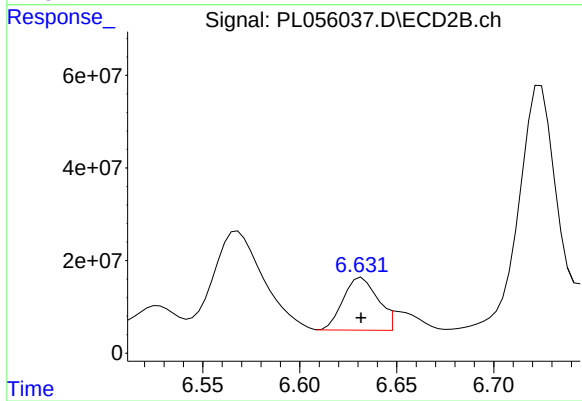
#13 Dieldrin

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 218963693
Conc: 72.45 ng/ml



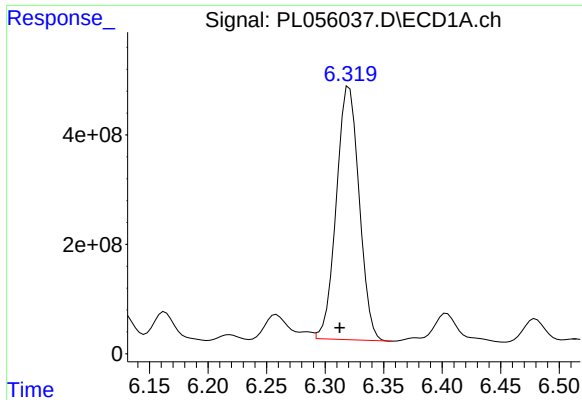
#14 Endrin

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 1267548843
Conc: 100.33 ng/ml



#14 Endrin

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 135943593
Conc: 53.65 ng/ml m



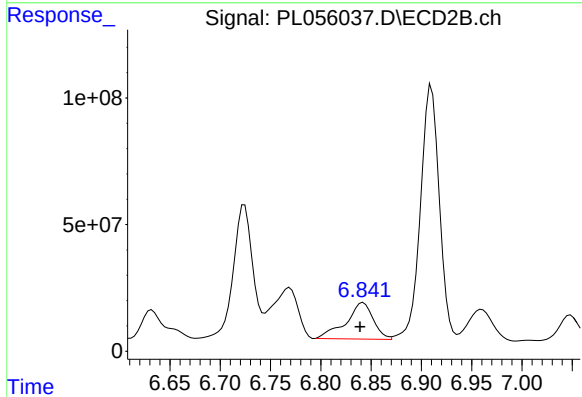
#15 Endosulfan II

R.T.: 6.321 min
Delta R.T.: 0.008 min
Response: 6281637815
Conc: 562.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

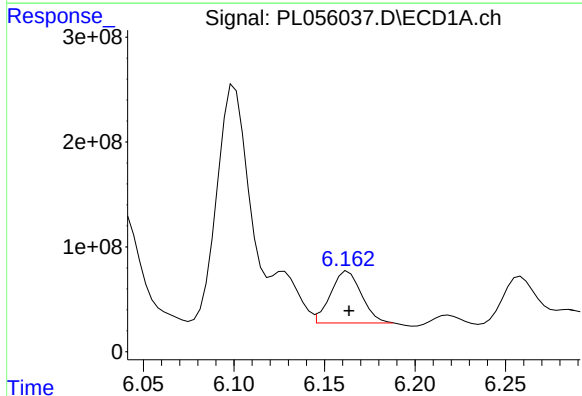
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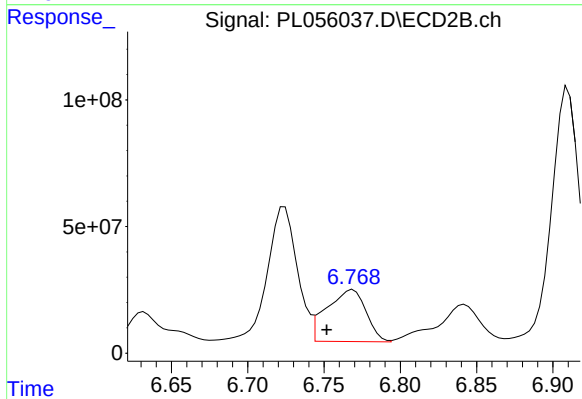
#15 Endosulfan II

R.T.: 6.842 min
Delta R.T.: 0.003 min
Response: 271632052
Conc: 101.29 ng/ml



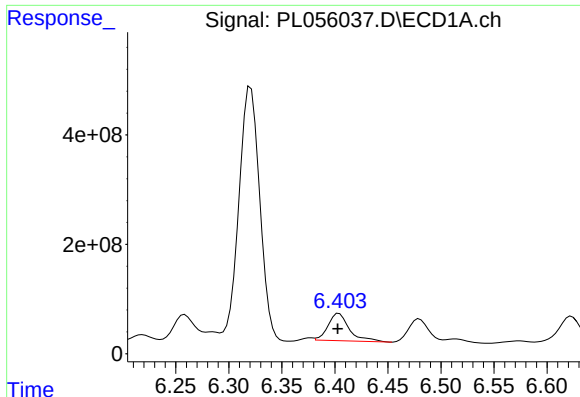
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 580997909
Conc: 58.35 ng/ml m



#16 4,4'-DDD

R.T.: 6.768 min
Delta R.T.: 0.016 min
Response: 358973046
Conc: 155.71 ng/ml m



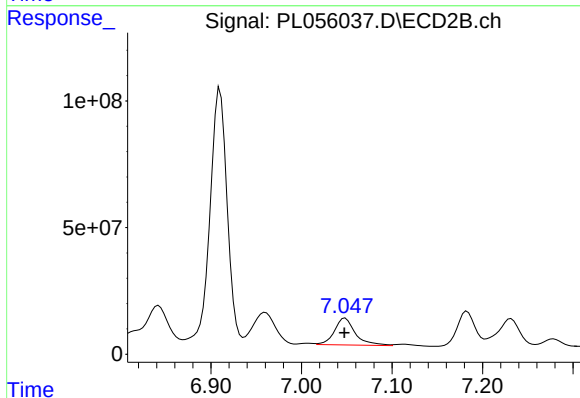
#17 4,4'-DDT

R.T.: 6.404 min
Delta R.T.: 0.001 min
Response: 695100817
Conc: 68.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

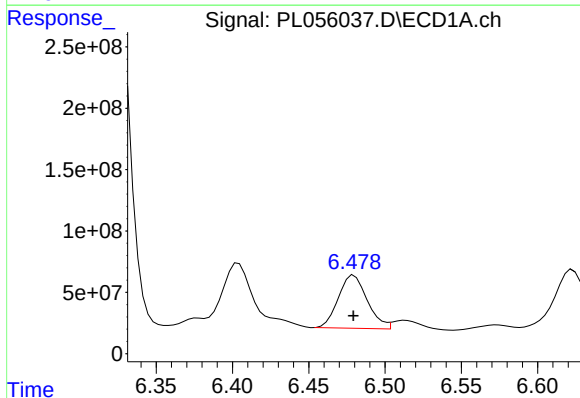
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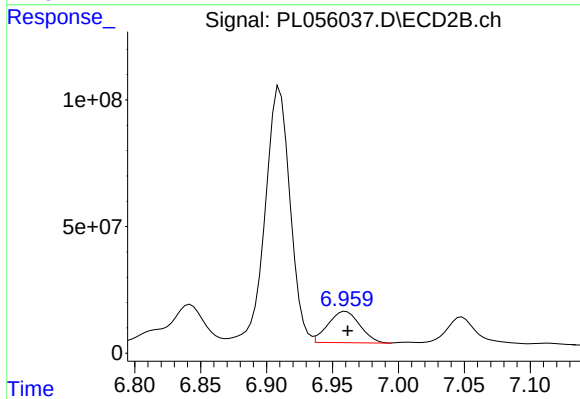
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 169008200
Conc: 74.86 ng/ml



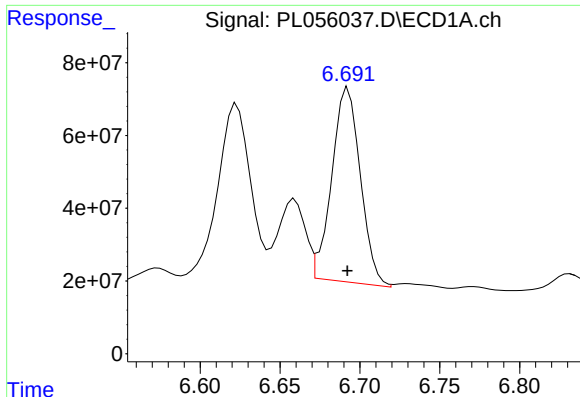
#18 Endrin aldehyde

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 570811712
Conc: 54.92 ng/ml



#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 207461300
Conc: 91.90 ng/ml



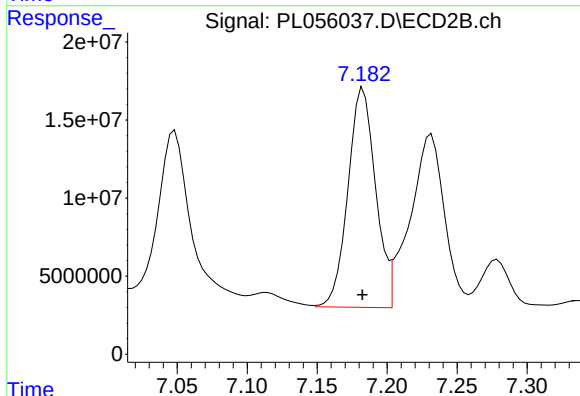
#19 Endosulfan Sulfate

R.T.: 6.691 min
Delta R.T.: 0.000 min
Response: 659697964
Conc: 61.00 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

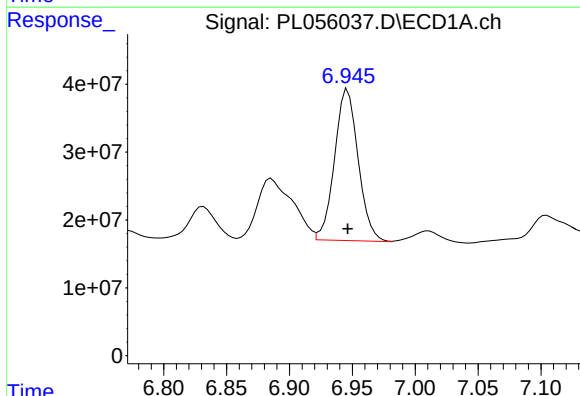
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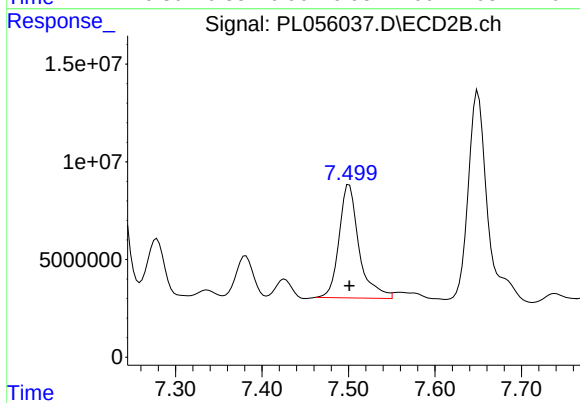
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 192950173
Conc: 77.94 ng/ml m



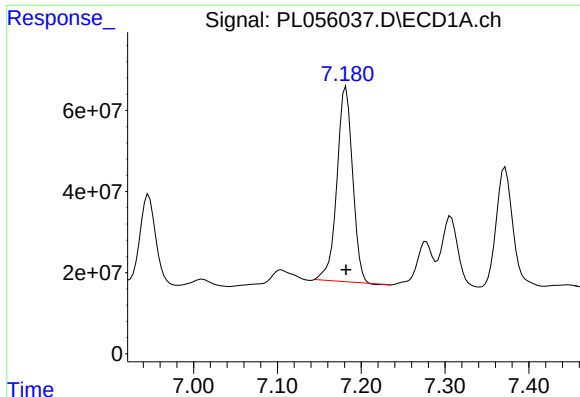
#20 Methoxychlor

R.T.: 6.945 min
Delta R.T.: -0.001 min
Response: 291029324
Conc: 55.77 ng/ml m



#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 92603446
Conc: 77.61 ng/ml



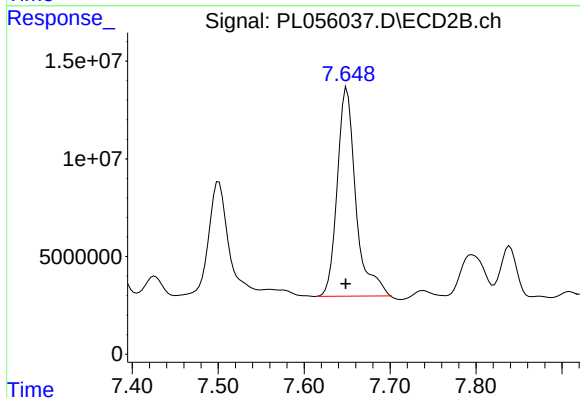
#21 Endrin ketone

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 623670082
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

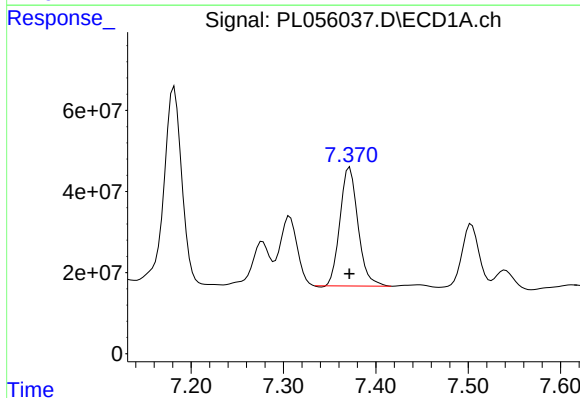
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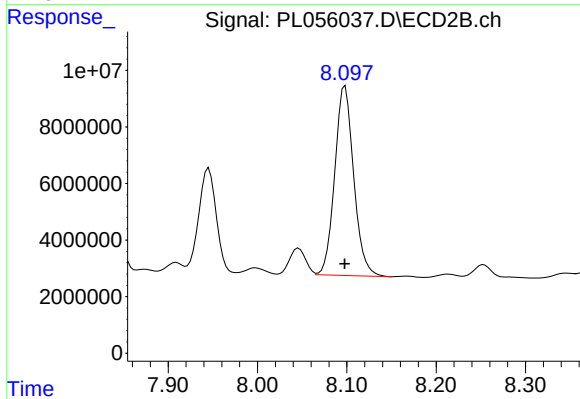
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.001 min
Response: 160633305
Conc: 60.83 ng/ml



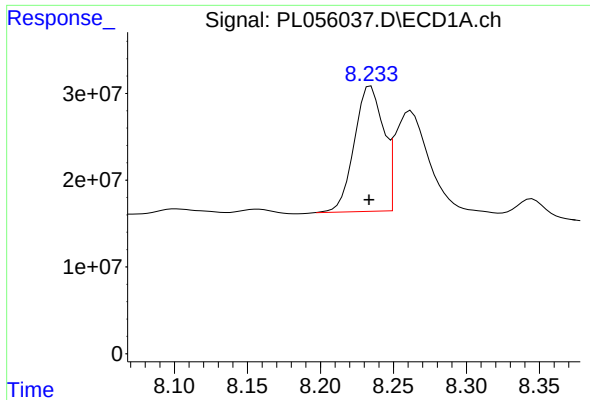
#22 Mirex

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 395863260
Conc: 56.36 ng/ml



#22 Mirex

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 98694238
Conc: 54.09 ng/ml m



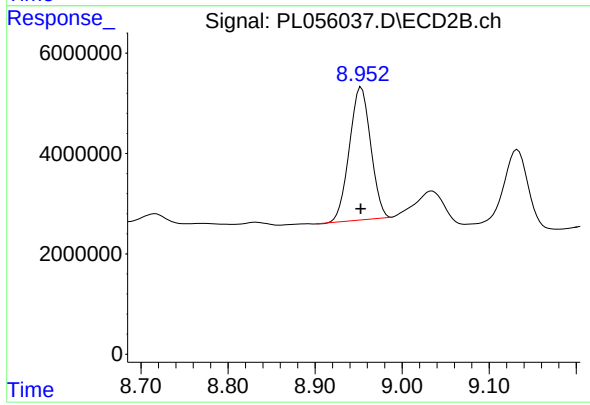
#28 Decachlorobiphenyl

R.T.: 8.235 min
Delta R.T.: 0.001 min
Response: 199070694
Conc: 19.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD

Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:39 PM



#28 Decachlorobiphenyl

R.T.: 8.953 min
Delta R.T.: 0.000 min
Response: 45030281
Conc: 19.66 ng/ml