

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042919\
 Data File : PL047962.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2019 12:45
 Operator : AJ\SJ
 Sample : K2571-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleID :
 114-PENNINGTONMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 01:25:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042419.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 25 01:53:03 2019
 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...	3.329	3.940	129.4E6	43174244	13.990	18.085 #
28)	SA Decachlor...	7.997	8.976	192.7E6	52225608	17.210	18.295
Target Compounds							
2)	A alpha-BHC	3.757	4.328	554.3E6	145.0E6	37.919	43.691
3)	MA gamma-BHC...	4.033	4.612	494.7E6	136.0E6	37.324	43.346
4)	MA Heptachlor	4.318	5.115	539.4E6	146.4E6	37.856	43.561
5)	MB Aldrin	4.555	5.418	721.0E6	148.2E6	51.774	47.471
6)	B beta-BHC	4.286	4.785	202.2E6	60108473	35.786	41.718m
7)	B delta-BHC	4.480	5.000	411.5E6	113.3E6	31.676	45.105 #
8)	B Heptachlor...	4.993	5.805	481.2E6	135.0E6	37.553	48.294 #
9)	A Endosulfan I	5.324	6.160	494.8E6	112.6E6	40.914	40.095
10)	B gamma-Chl...	5.216	6.038	533.1E6	127.4E6	40.041	42.100
11)	B alpha-Chl...	5.272	6.111	519.6E6	123.2E6	39.818	40.728
12)	B 4,4'-DDE	5.440	6.270	471.1E6	111.6E6	37.873	40.406
13)	MA Dieldrin	5.563	6.417	495.6E6	120.1E6	38.178	41.093
14)	MA Endrin	5.816	6.633	443.4E6	107.1E6	37.314	41.919
15)	B Endosulfa...	6.090	6.844	422.0E6	110.7E6	37.688	42.198
16)	A 4,4'-DDD	5.950	6.760	357.7E6	97397137	36.373	43.382
17)	MA 4,4'-DDT	6.184	7.057	388.4E6	106.1E6	38.955	44.545
18)	B Endrin al...	6.257	6.968	342.5E6	94788389	36.295	41.028
19)	B Endosulfa...	6.469	7.191	426.4E6	113.5E6	38.253	41.447
20)	A Methoxychlor	6.731	7.517	228.5E6	64452674	42.962	45.967
21)	B Endrin ke...	6.950	7.659	511.0E6	133.1E6	43.090	47.324
22)	Mirex	7.125	8.109	386.5E6	108.5E6	41.173	46.623

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042919\
Data File : PL047962.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2019 12:45
Operator : AJ\SJ
Sample : K2571-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

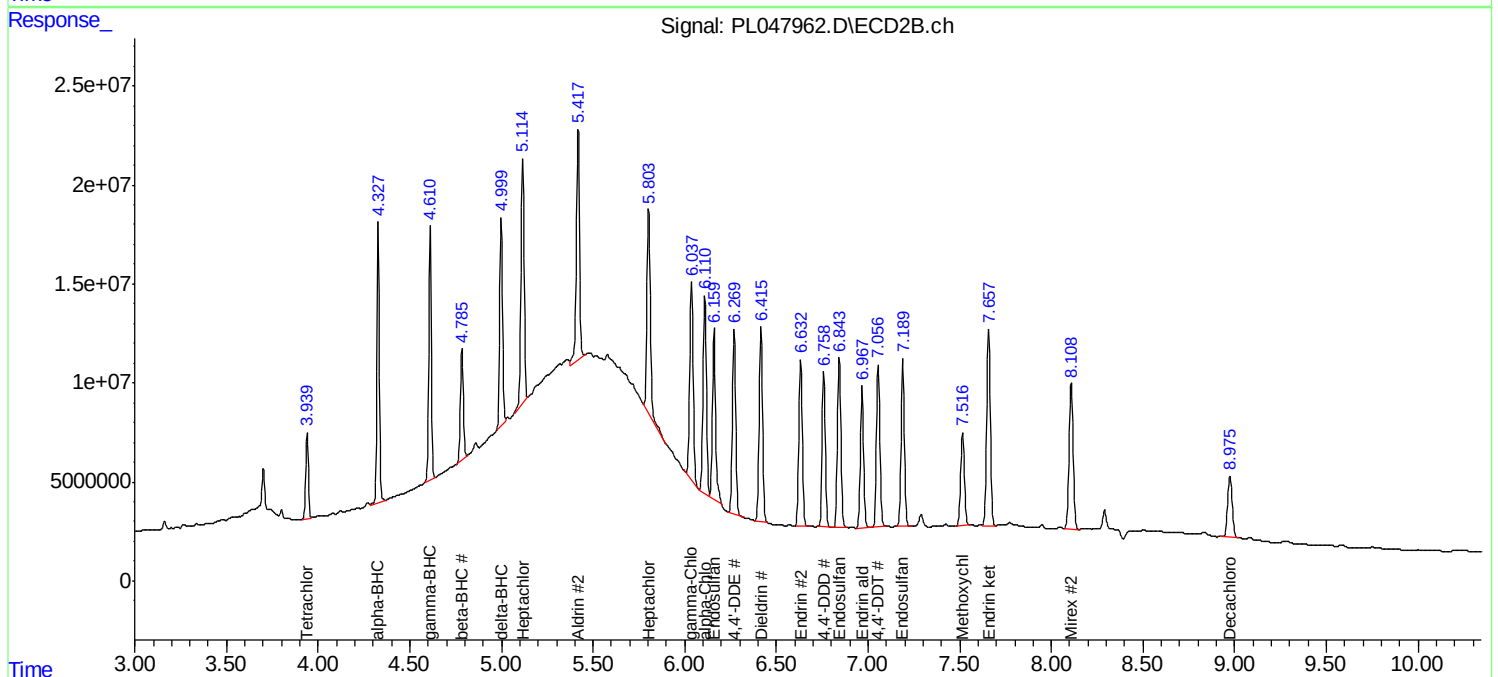
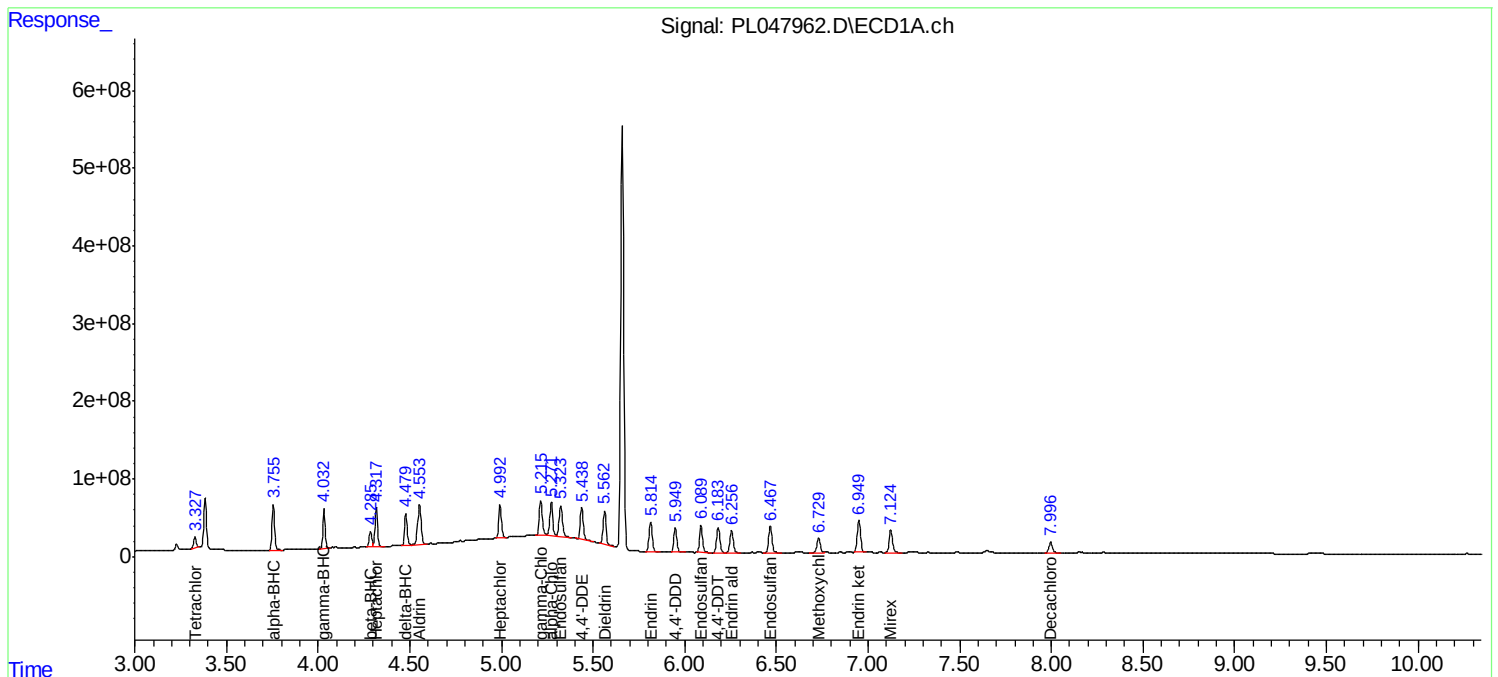
Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

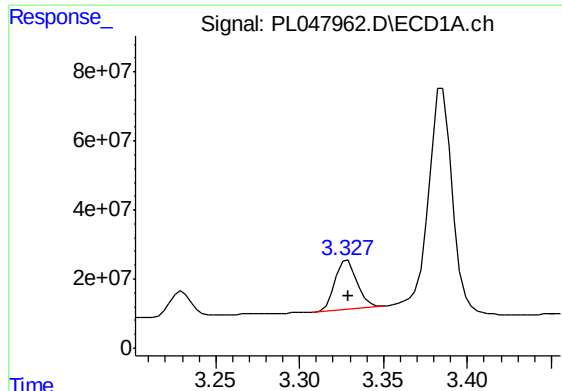
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 01:25:17 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042419.M
Quant Title : GC Extractables
QLast Update : Thu Apr 25 01:53:03 2019
Response 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





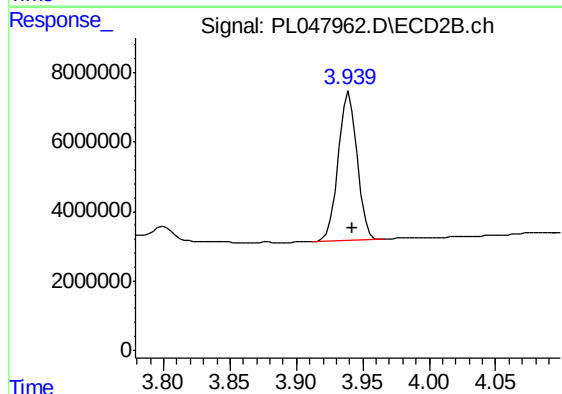
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 129385379
Conc: 13.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

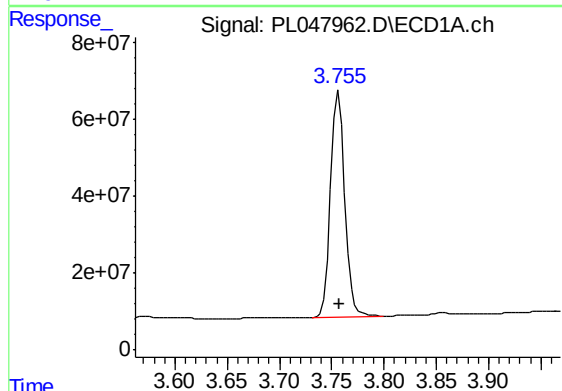
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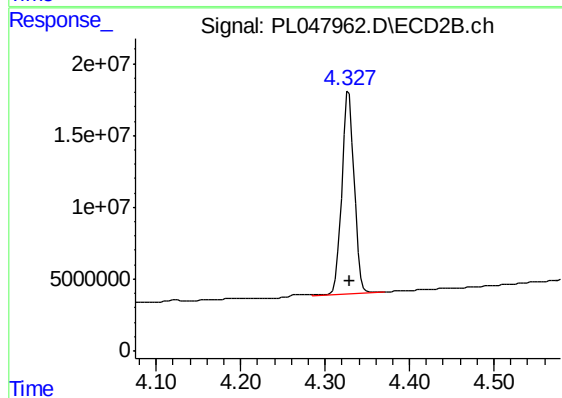
#1 Tetrachloro-m-xylene

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 43174244
Conc: 18.09 ng/ml



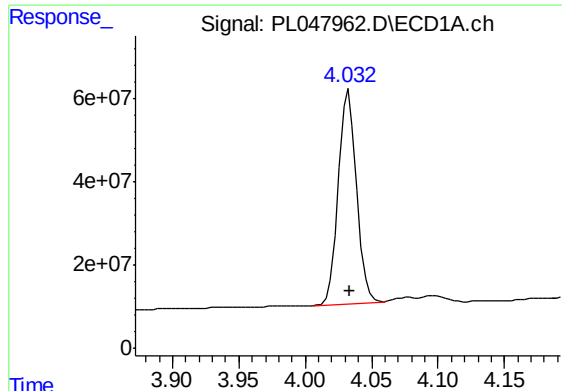
#2 alpha-BHC

R.T.: 3.757 min
Delta R.T.: 0.000 min
Response: 554321817
Conc: 37.92 ng/ml



#2 alpha-BHC

R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 144997545
Conc: 43.69 ng/ml



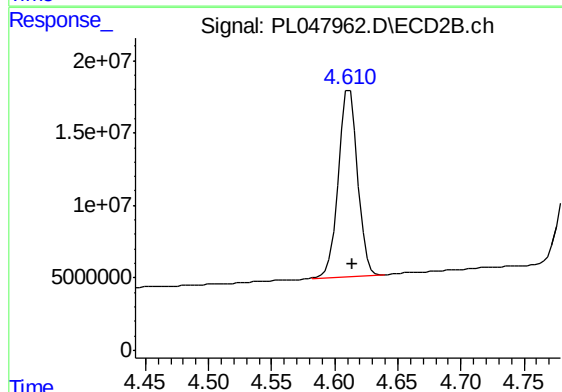
#3 gamma-BHC (Lindane)

R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 494723281
Conc: 37.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

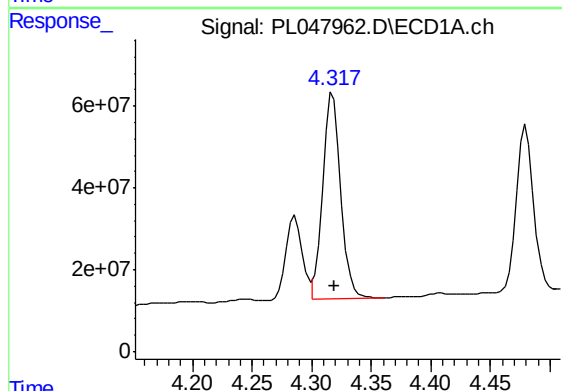
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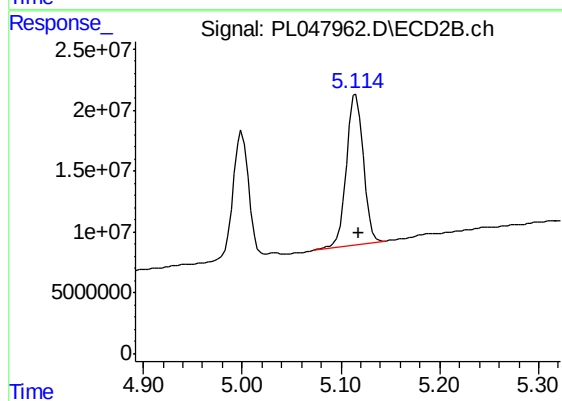
#3 gamma-BHC (Lindane)

R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 135954496
Conc: 43.35 ng/ml



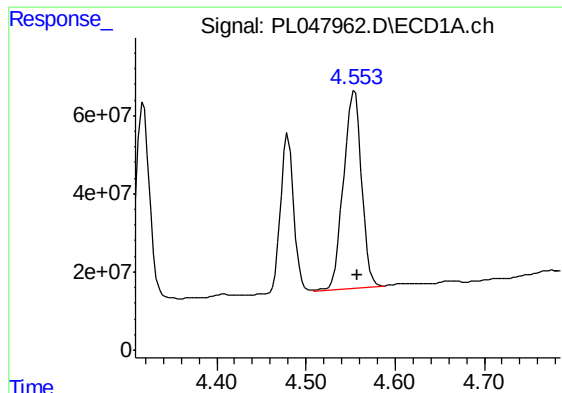
#4 Heptachlor

R.T.: 4.318 min
Delta R.T.: -0.001 min
Response: 539379410
Conc: 37.86 ng/ml



#4 Heptachlor

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 146400243
Conc: 43.56 ng/ml



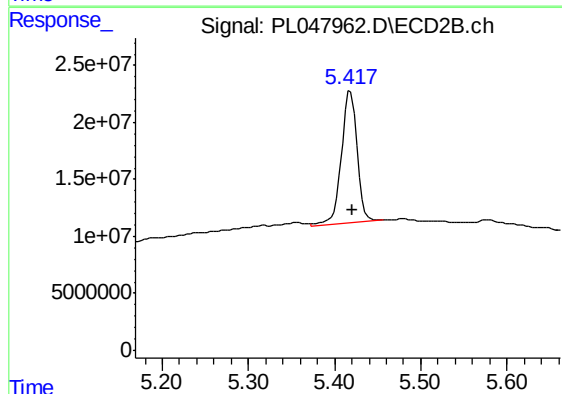
#5 Aldrin

R.T.: 4.555 min
Delta R.T.: -0.004 min
Response: 720989456
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

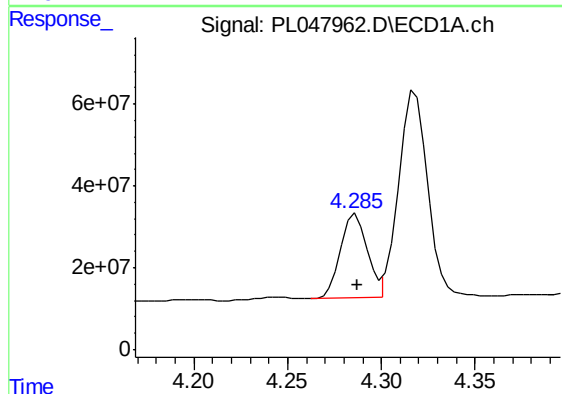
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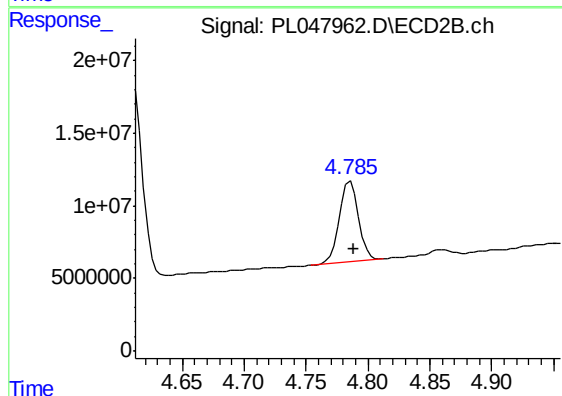
#5 Aldrin

R.T.: 5.418 min
Delta R.T.: -0.003 min
Response: 148157279
Conc: 47.47 ng/ml



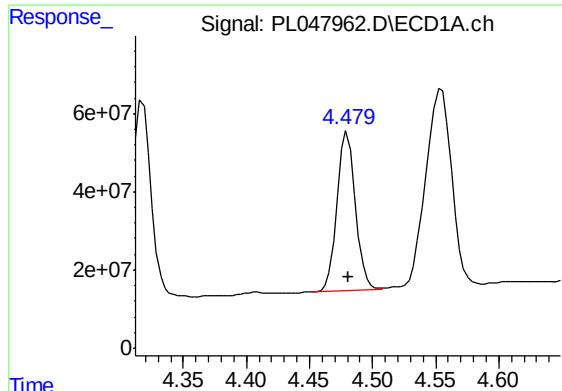
#6 beta-BHC

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 202189426
Conc: 35.79 ng/ml



#6 beta-BHC

R.T.: 4.785 min
Delta R.T.: -0.004 min
Response: 60108473
Conc: 41.72 ng/ml m



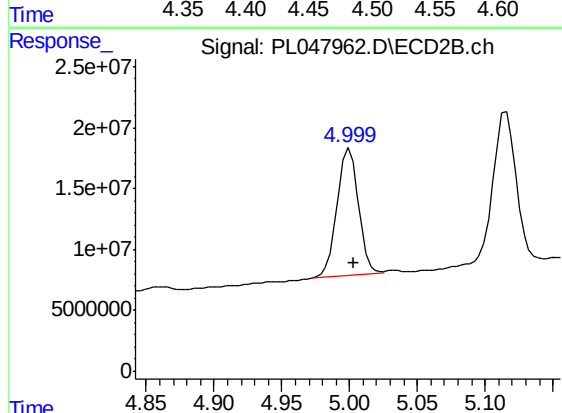
#7 delta-BHC

R.T.: 4.480 min
Delta R.T.: -0.001 min
Response: 411485337
Conc: 31.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

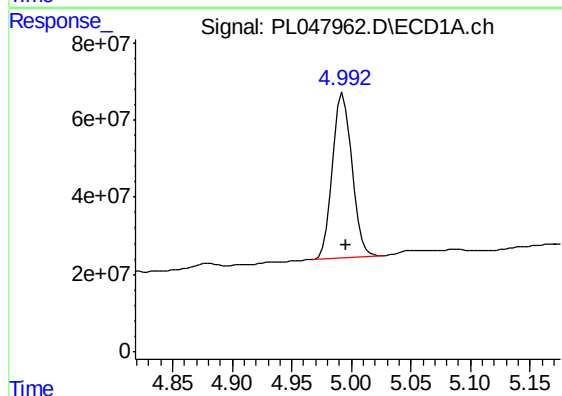
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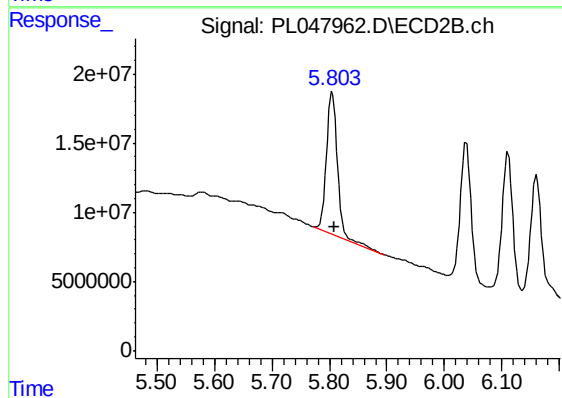
#7 delta-BHC

R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 113316481
Conc: 45.10 ng/ml



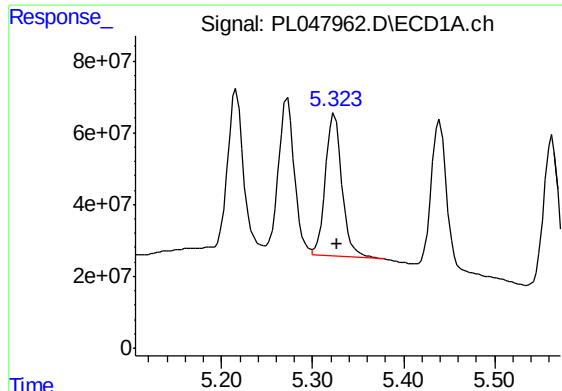
#8 Heptachlor epoxide

R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 481249990
Conc: 37.55 ng/ml



#8 Heptachlor epoxide

R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 134970438
Conc: 48.29 ng/ml



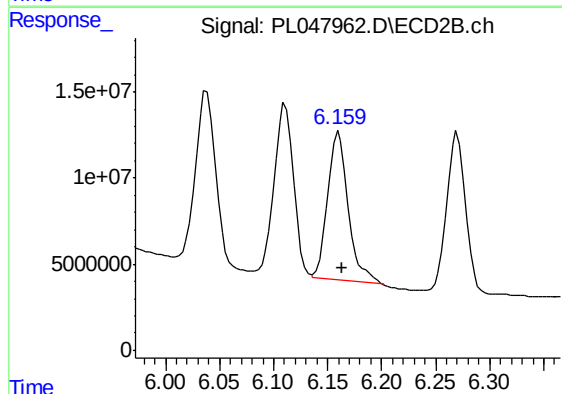
#9 Endosulfan I

R.T.: 5.324 min
Delta R.T.: -0.002 min
Response: 494781598
Conc: 40.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

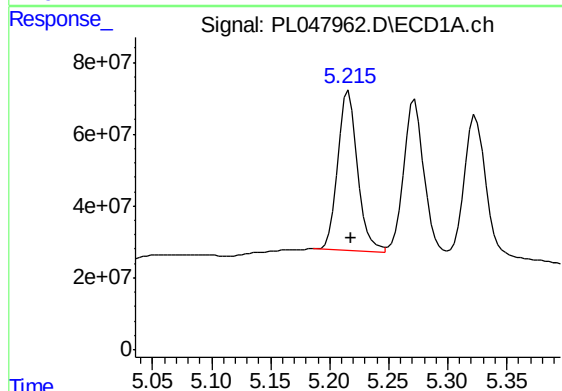
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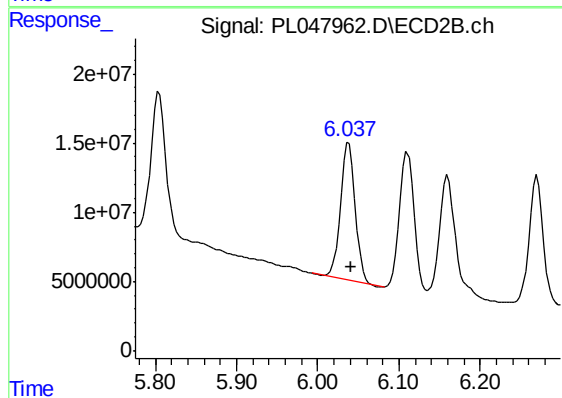
#9 Endosulfan I

R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 112587785
Conc: 40.10 ng/ml



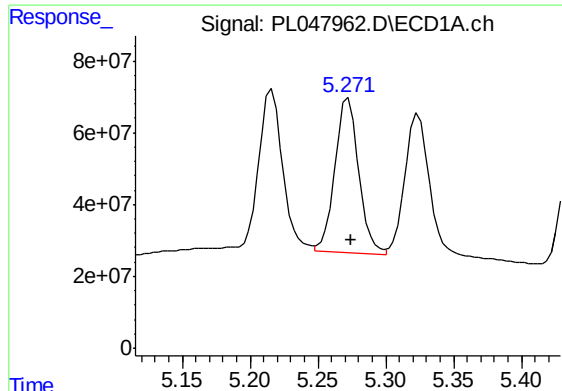
#10 gamma-Chlordane

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 533091927
Conc: 40.04 ng/ml



#10 gamma-Chlordane

R.T.: 6.038 min
Delta R.T.: -0.003 min
Response: 127408375
Conc: 42.10 ng/ml



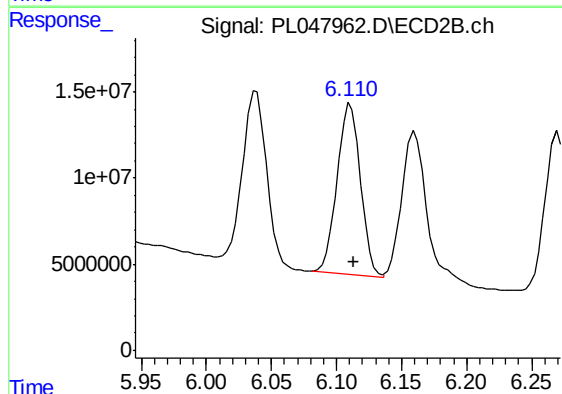
#11 alpha-Chlordane

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 519574348
Conc: 39.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

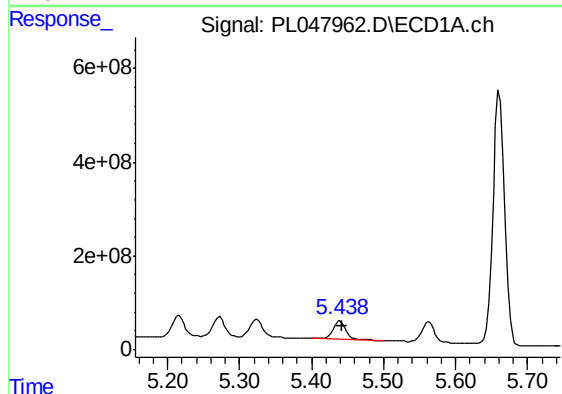
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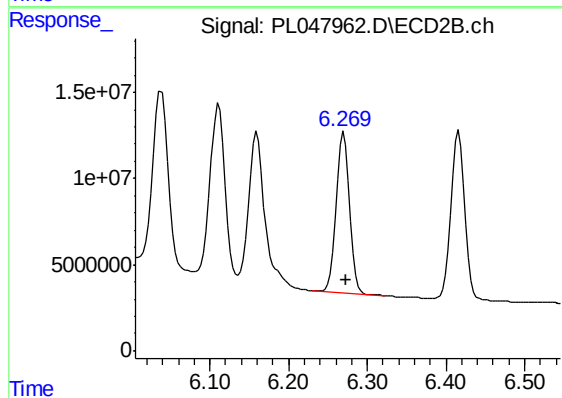
#11 alpha-Chlordane

R.T.: 6.111 min
Delta R.T.: -0.003 min
Response: 123219371
Conc: 40.73 ng/ml



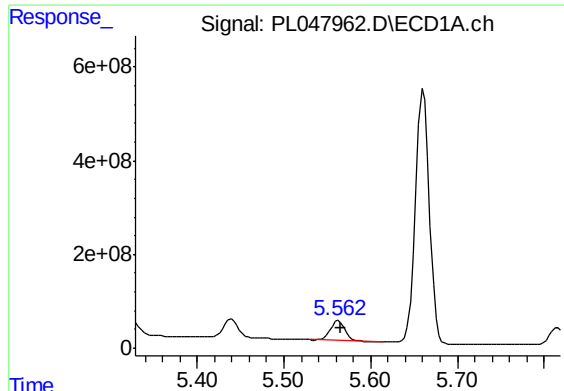
#12 4,4'-DDE

R.T.: 5.440 min
Delta R.T.: -0.003 min
Response: 471094104
Conc: 37.87 ng/ml



#12 4,4'-DDE

R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 111576758
Conc: 40.41 ng/ml



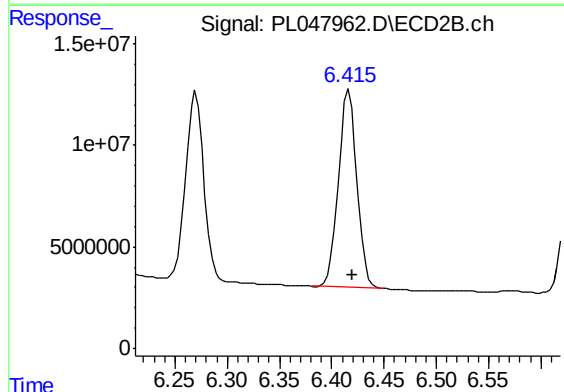
#13 Dieldrin

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 495617251
Conc: 38.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

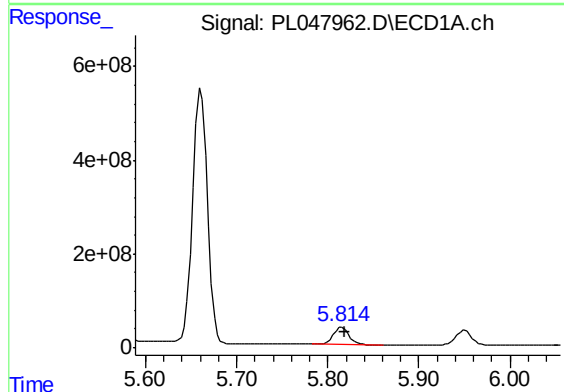
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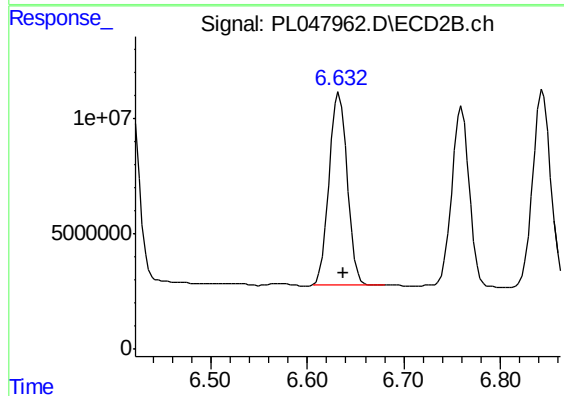
#13 Dieldrin

R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 120132046
Conc: 41.09 ng/ml



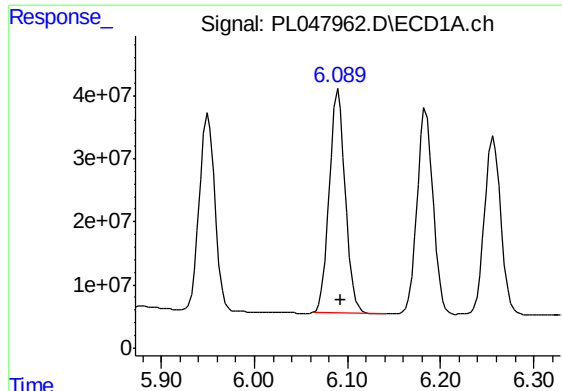
#14 Endrin

R.T.: 5.816 min
Delta R.T.: -0.003 min
Response: 443437433
Conc: 37.31 ng/ml



#14 Endrin

R.T.: 6.633 min
Delta R.T.: -0.004 min
Response: 107076107
Conc: 41.92 ng/ml



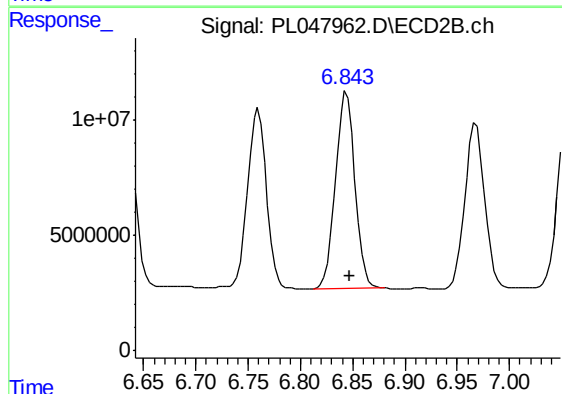
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 421973333
Conc: 37.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

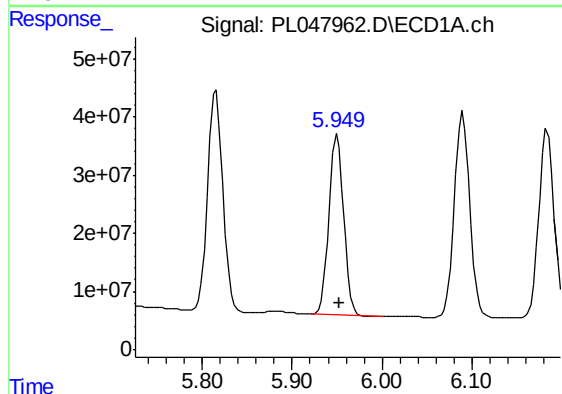
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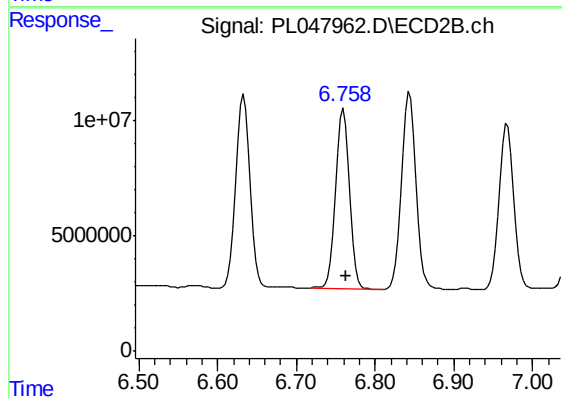
#15 Endosulfan II

R.T.: 6.844 min
Delta R.T.: -0.003 min
Response: 110711764
Conc: 42.20 ng/ml



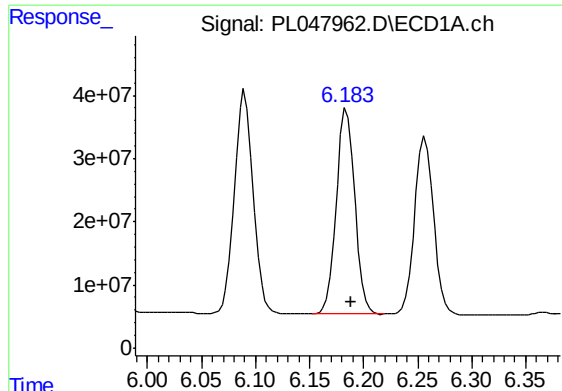
#16 4,4'-DDD

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 357657816
Conc: 36.37 ng/ml



#16 4,4'-DDD

R.T.: 6.760 min
Delta R.T.: -0.004 min
Response: 97397137
Conc: 43.38 ng/ml



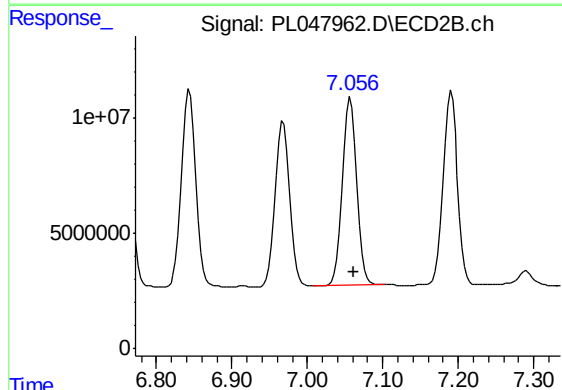
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 388370448
Conc: 38.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

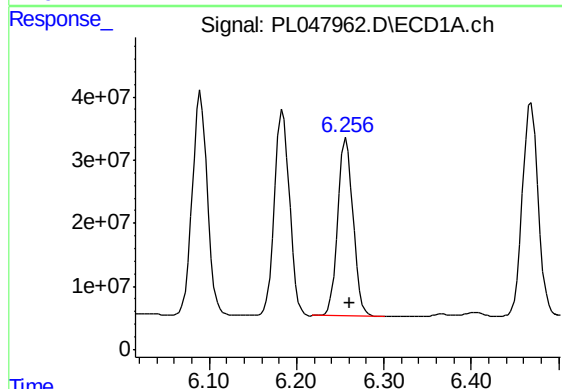
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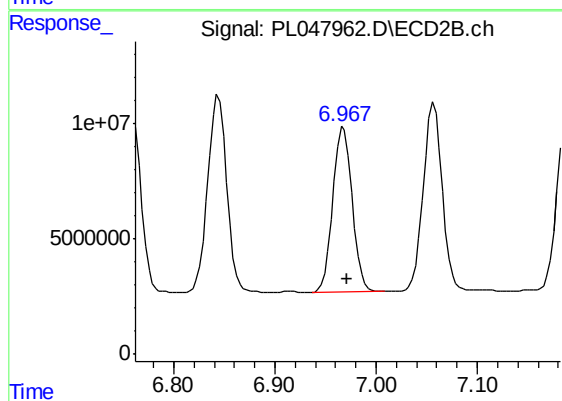
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: -0.004 min
Response: 106113369
Conc: 44.54 ng/ml



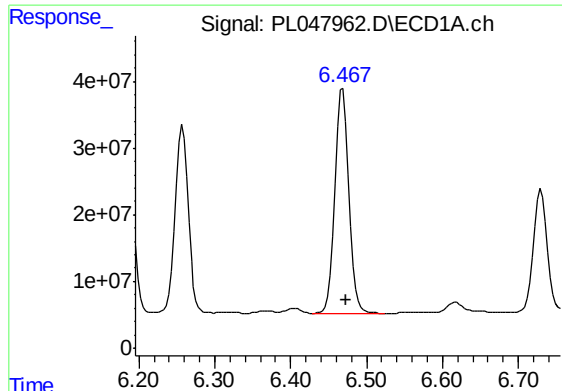
#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 342451334
Conc: 36.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.968 min
Delta R.T.: -0.003 min
Response: 94788389
Conc: 41.03 ng/ml



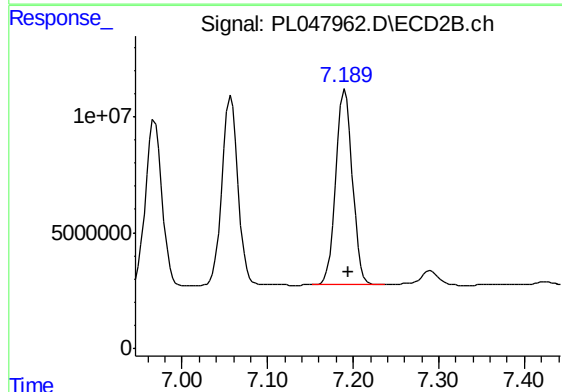
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 426380735
Conc: 38.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

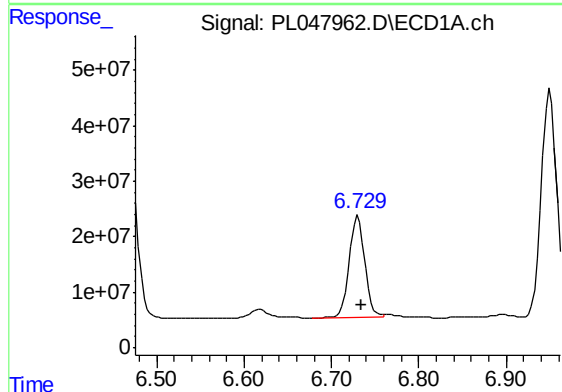
Manual Integrations
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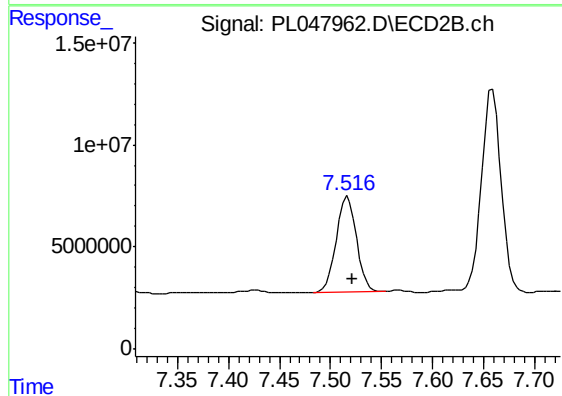
#19 Endosulfan Sulfate

R.T.: 7.191 min
Delta R.T.: -0.004 min
Response: 113501467
Conc: 41.45 ng/ml



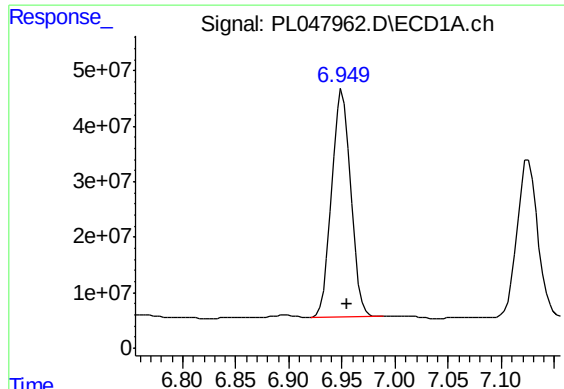
#20 Methoxychlor

R.T.: 6.731 min
Delta R.T.: -0.003 min
Response: 228501360
Conc: 42.96 ng/ml



#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: -0.004 min
Response: 64452674
Conc: 45.97 ng/ml



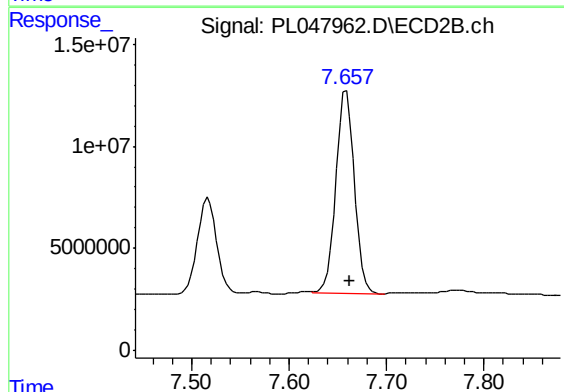
#21 Endrin ketone

R.T.: 6.950 min
Delta R.T.: -0.004 min
Response: 510982873
Conc: 43.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

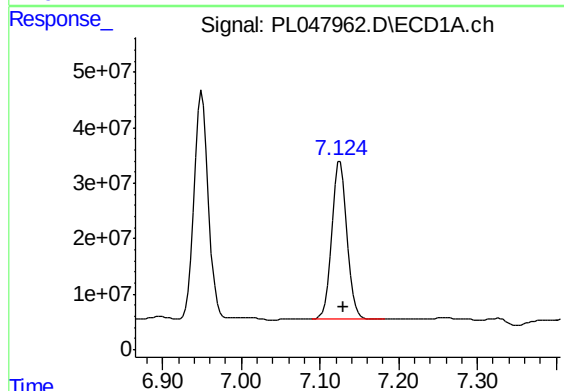
Manual Integrations
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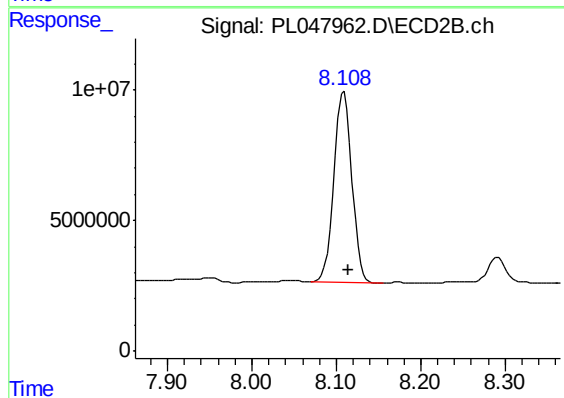
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.004 min
Response: 133061773
Conc: 47.32 ng/ml



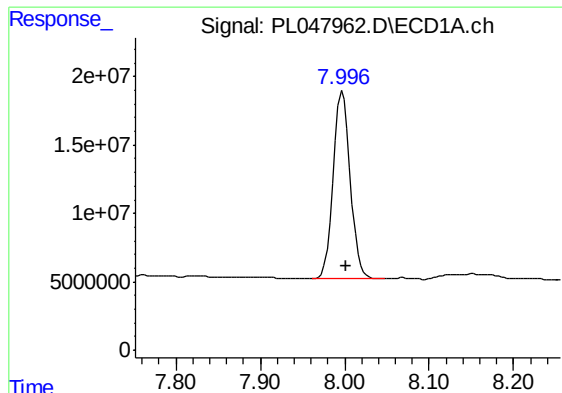
#22 Mirex

R.T.: 7.125 min
Delta R.T.: -0.004 min
Response: 386469418
Conc: 41.17 ng/ml



#22 Mirex

R.T.: 8.109 min
Delta R.T.: -0.005 min
Response: 108485464
Conc: 46.62 ng/ml



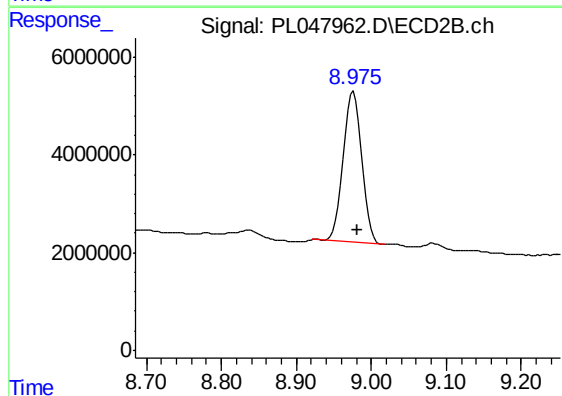
#28 Decachlorobiphenyl

R.T.: 7.997 min
Delta R.T.: -0.004 min
Response: 192652099
Conc: 17.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

Manual Integrations
APPROVED

mohammad
4/30/2019 3:23:03 PM



#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: -0.005 min
Response: 52225608
Conc: 18.30 ng/ml