

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042919\
 Data File : PL047961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2019 12:30
 Operator : AJ\SJ
 Sample : K2571-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleID :
 114-PENNINGTONMS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 01:24:59 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	126.9E6	42821280	13.723	17.937 #
28)	SA Decachlor...	7.997	8.976	195.2E6	53177754	17.434	18.629
Target Compounds							
2)	A alpha-BHC	3.757	4.329	549.3E6	142.8E6	37.575	43.031
3)	MA gamma-BHC...	4.033	4.612	490.3E6	134.4E6	36.989	42.846
4)	MA Heptachlor	4.318	5.116	529.3E6	144.7E6	37.146	43.041
5)	MB Aldrin	4.555	5.418	683.6E6	148.2E6	49.088	47.482
6)	B beta-BHC	4.286	4.785	199.1E6	59608928	35.235	41.371m
7)	B delta-BHC	4.480	5.000	405.8E6	111.7E6	31.235	44.460 #
8)	B Heptachlor...	4.993	5.805	474.9E6	132.0E6	37.061	47.219 #
9)	A Endosulfan I	5.324	6.160	481.1E6	111.4E6	39.782	39.675
10)	B gamma-Chl...	5.216	6.039	524.8E6	126.0E6	39.421	41.624
11)	B alpha-Chl...	5.272	6.110	507.6E6	122.0E6	38.902	40.338
12)	B 4,4'-DDE	5.440	6.270	462.0E6	110.7E6	37.141	40.100
13)	MA Dieldrin	5.563	6.415	489.1E6	119.5E6	37.679	40.862
14)	MA Endrin	5.816	6.633	435.5E6	106.4E6	36.643	41.635
15)	B Endosulfa...	6.090	6.844	420.5E6	110.0E6	37.553	41.917
16)	A 4,4'-DDD	5.950	6.759	356.0E6	96576004	36.204	43.017
17)	MA 4,4'-DDT	6.184	7.057	383.0E6	104.4E6	38.415	43.836
18)	B Endrin al...	6.257	6.968	342.6E6	94438566	36.307	40.877
19)	B Endosulfa...	6.468	7.190	427.4E6	113.7E6	38.343	41.514
20)	A Methoxychlor	6.730	7.517	226.3E6	64425700	42.547	45.948
21)	B Endrin ke...	6.951	7.659	512.6E6	132.6E6	43.223	47.157
22)	Mirex	7.125	8.109	387.5E6	109.6E6	41.287	47.112

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042919\
Data File : PL047961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2019 12:30
Operator : AJ\SJ
Sample : K2571-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

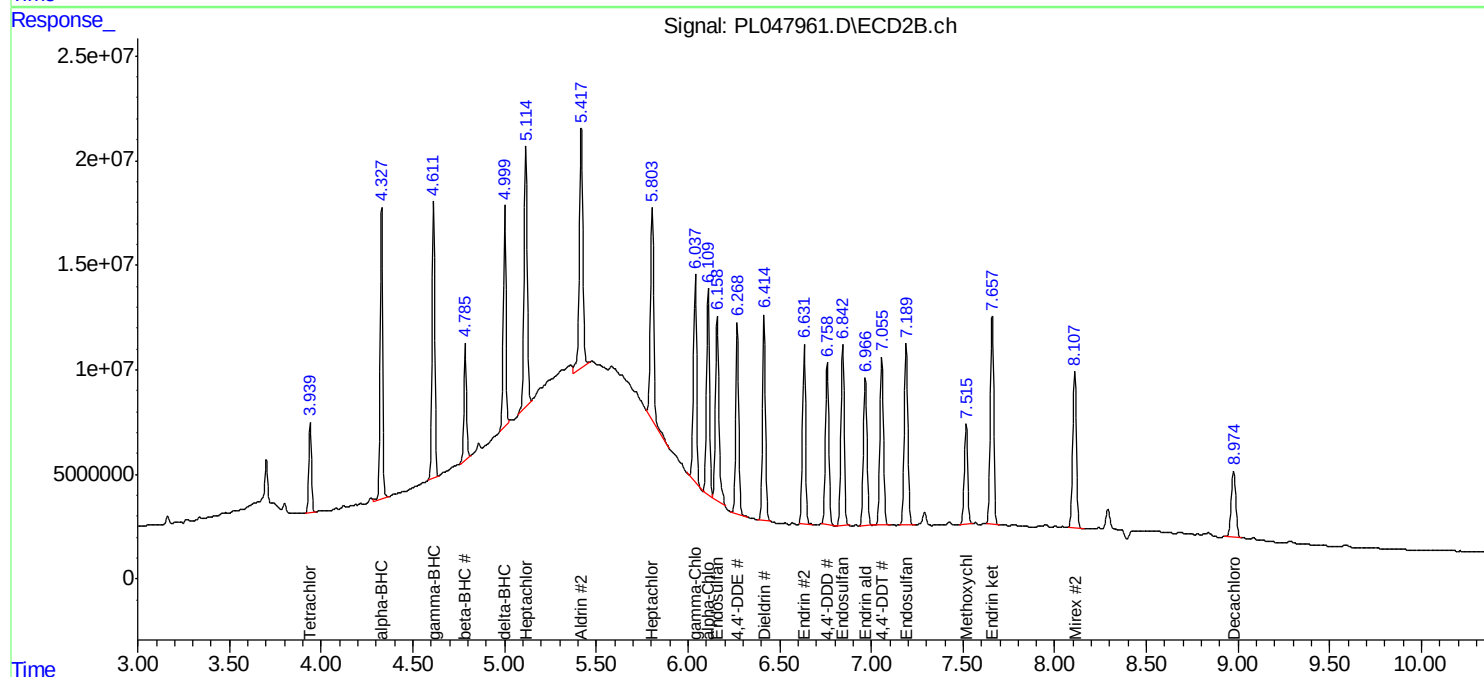
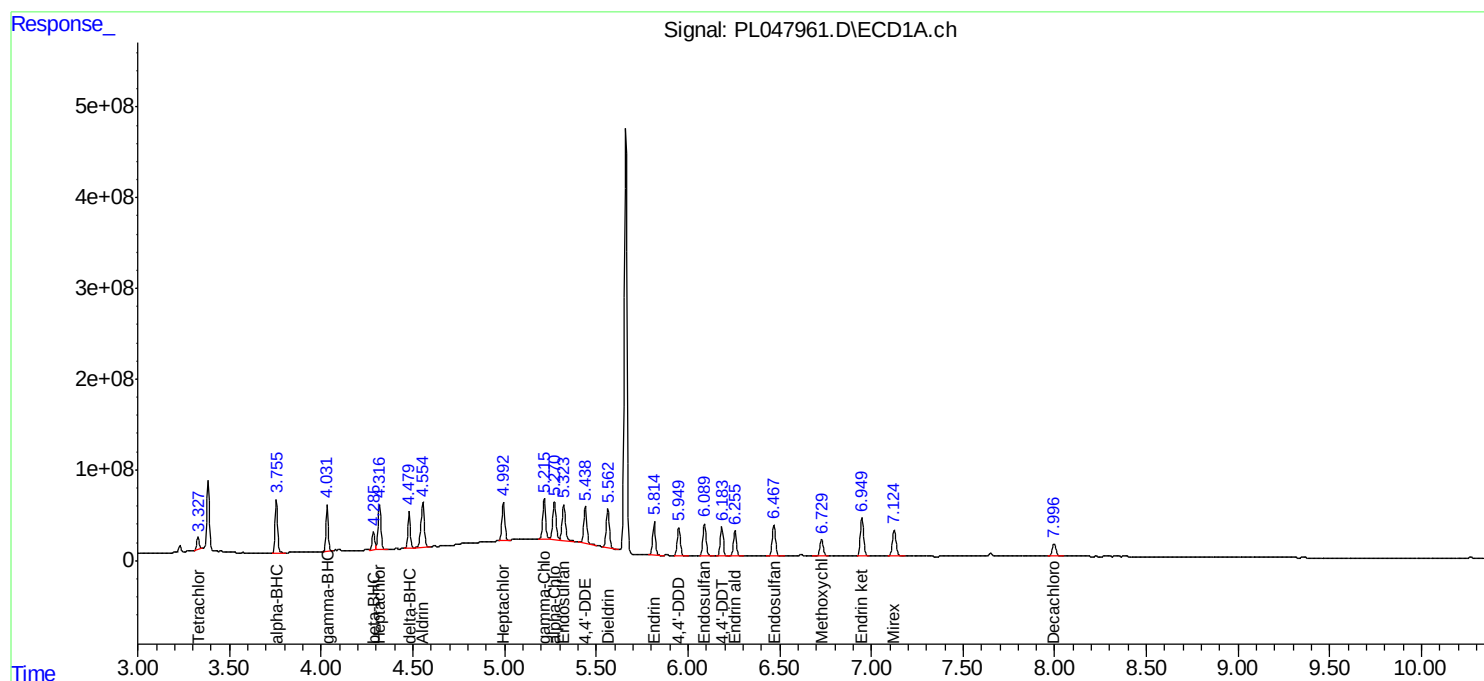
Instrument :
ECD_L
ClientSampleId :
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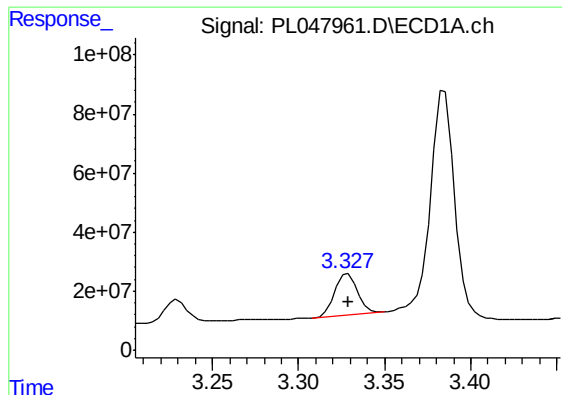
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 01:24:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042419.M
Quant Title : GC Extractables
QLast Update : Thu Apr 25 01:53:03 2019
Response 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





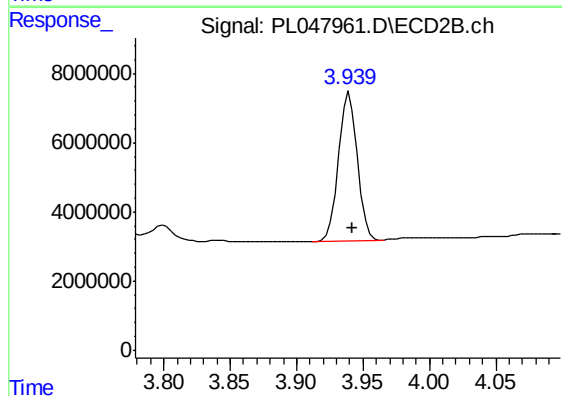
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 126915758
Conc: 13.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS

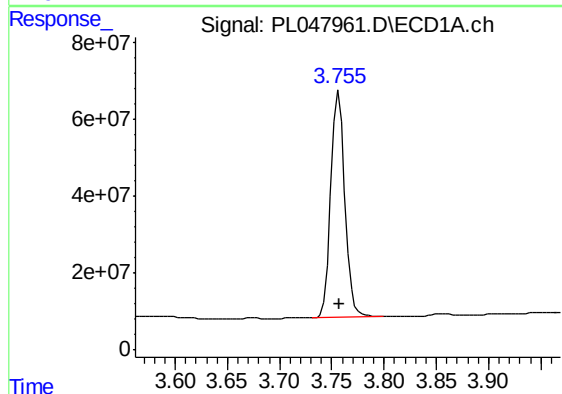
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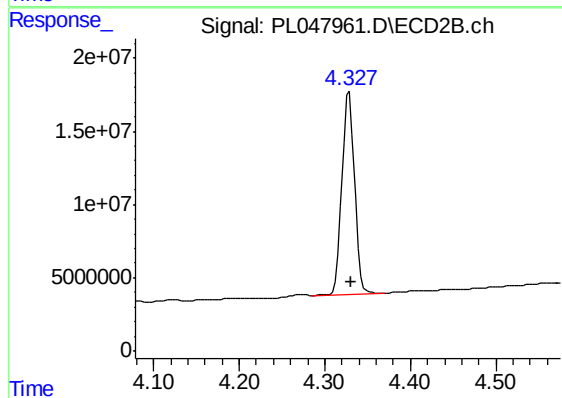
#1 Tetrachloro-m-xylene

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 42821280
Conc: 17.94 ng/ml



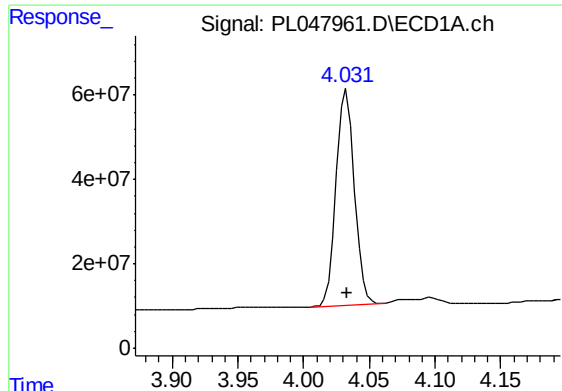
#2 alpha-BHC

R.T.: 3.757 min
Delta R.T.: 0.000 min
Response: 549284325
Conc: 37.57 ng/ml



#2 alpha-BHC

R.T.: 4.329 min
Delta R.T.: -0.001 min
Response: 142809233
Conc: 43.03 ng/ml



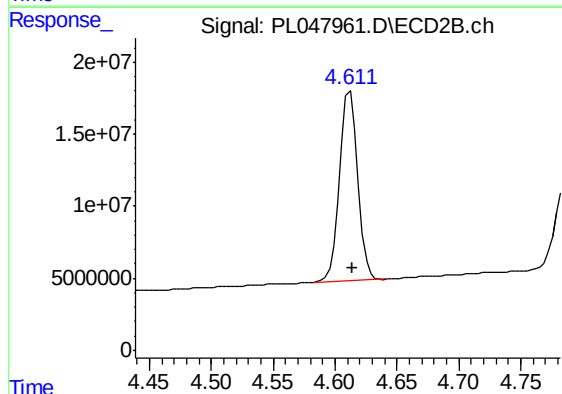
#3 gamma-BHC (Lindane)

R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 490275202
Conc: 36.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS

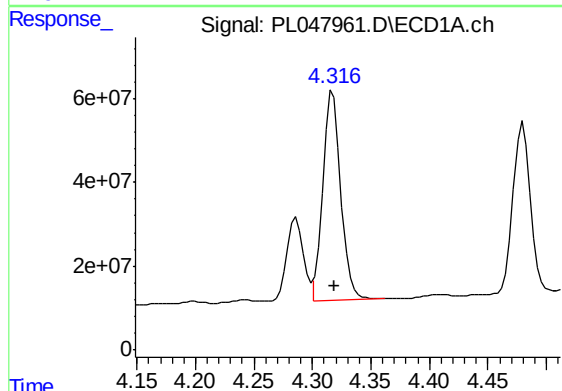
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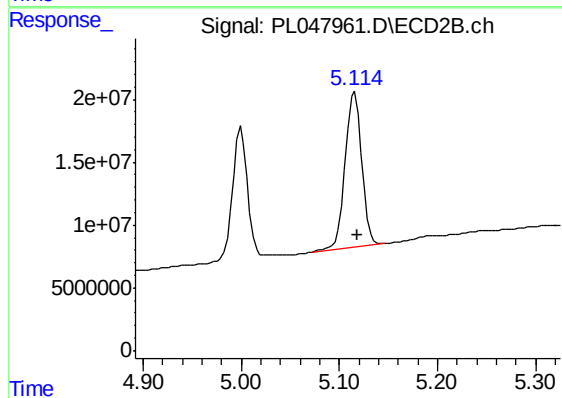
#3 gamma-BHC (Lindane)

R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 134385060
Conc: 42.85 ng/ml



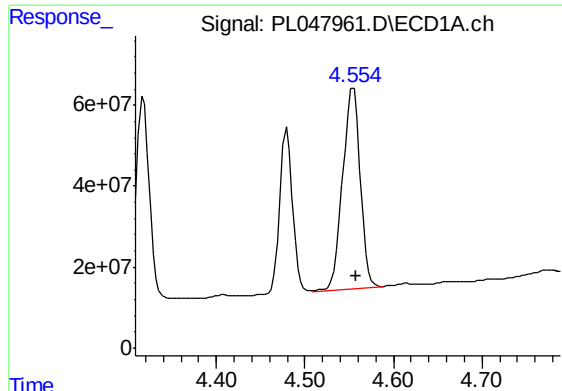
#4 Heptachlor

R.T.: 4.318 min
Delta R.T.: -0.001 min
Response: 529261593
Conc: 37.15 ng/ml



#4 Heptachlor

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 144651600
Conc: 43.04 ng/ml



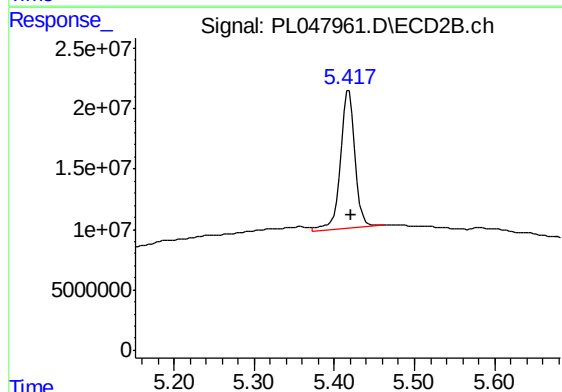
#5 Aldrin

R.T.: 4.555 min
Delta R.T.: -0.003 min
Response: 683574699
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS

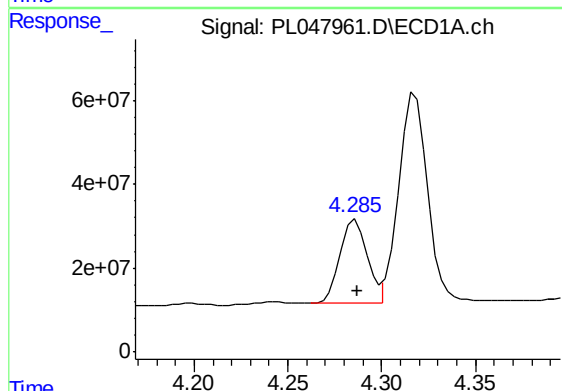
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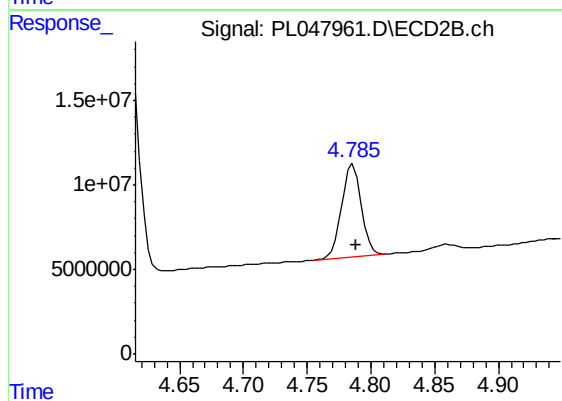
#5 Aldrin

R.T.: 5.418 min
Delta R.T.: -0.003 min
Response: 148191400
Conc: 47.48 ng/ml



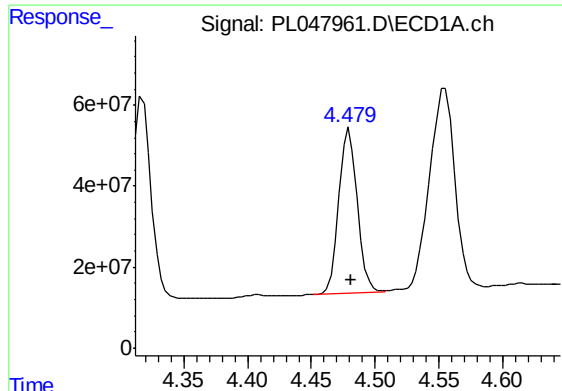
#6 beta-BHC

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 199076228
Conc: 35.23 ng/ml



#6 beta-BHC

R.T.: 4.785 min
Delta R.T.: -0.003 min
Response: 59608928
Conc: 41.37 ng/ml m



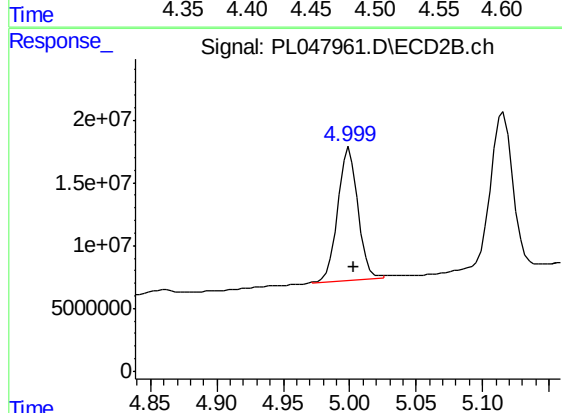
#7 delta-BHC

R.T.: 4.480 min
Delta R.T.: -0.001 min
Response: 405757207
Conc: 31.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS

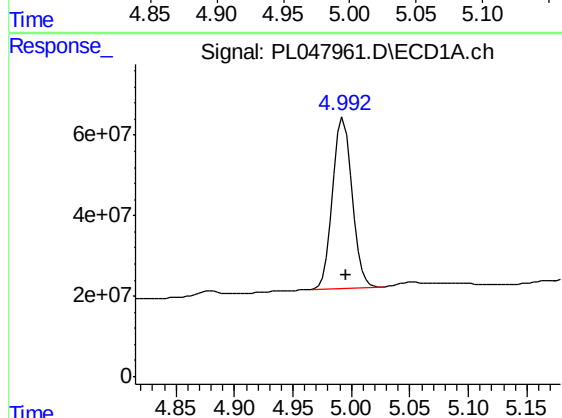
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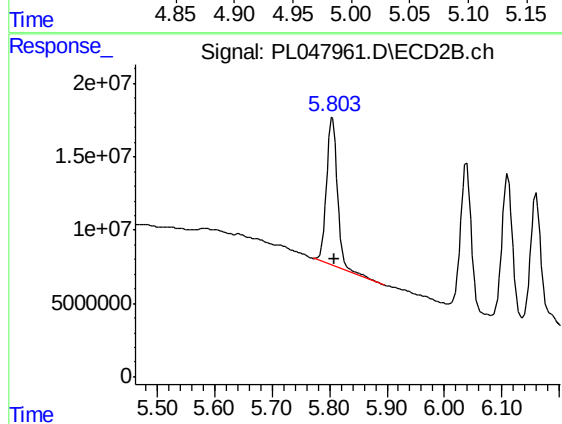
#7 delta-BHC

R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 111696898
Conc: 44.46 ng/ml



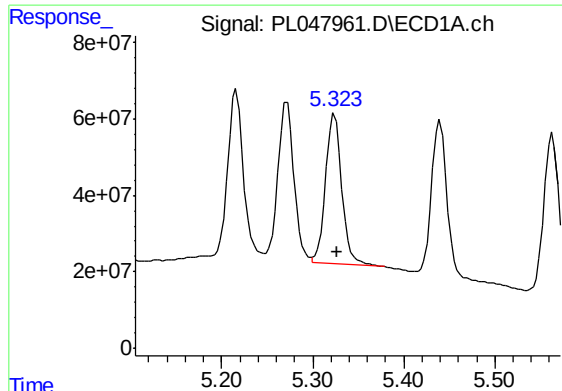
#8 Heptachlor epoxide

R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 474941875
Conc: 37.06 ng/ml



#8 Heptachlor epoxide

R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 131964833
Conc: 47.22 ng/ml



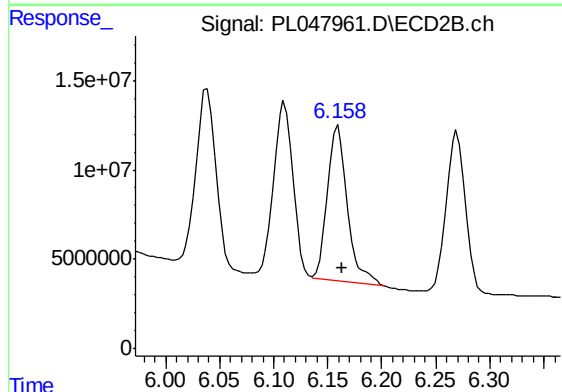
#9 Endosulfan I

R.T.: 5.324 min
Delta R.T.: -0.002 min
Response: 481092814
Conc: 39.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS

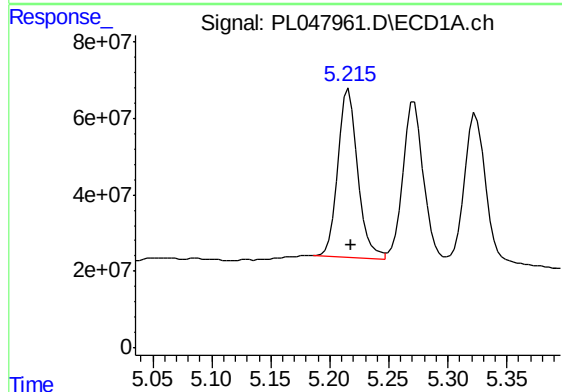
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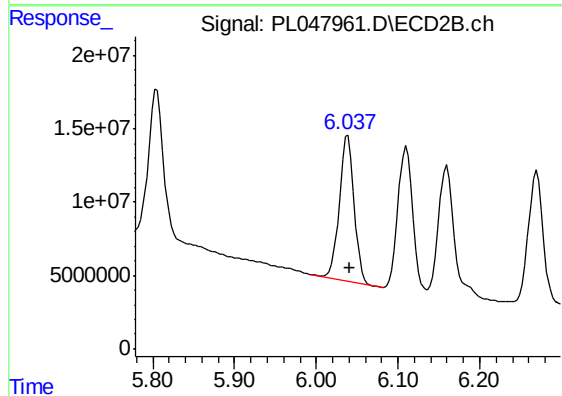
#9 Endosulfan I

R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 111408760
Conc: 39.68 ng/ml



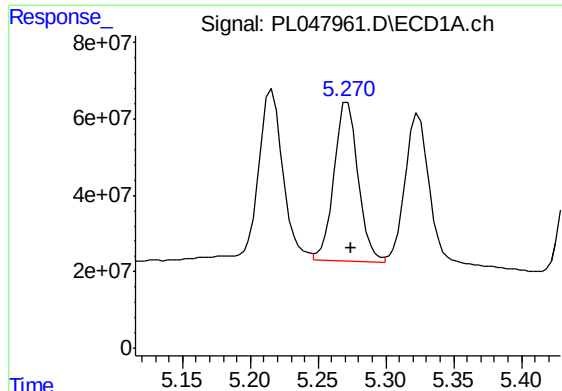
#10 gamma-Chlordane

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 524826597
Conc: 39.42 ng/ml



#10 gamma-Chlordane

R.T.: 6.039 min
Delta R.T.: -0.003 min
Response: 125969105
Conc: 41.62 ng/ml



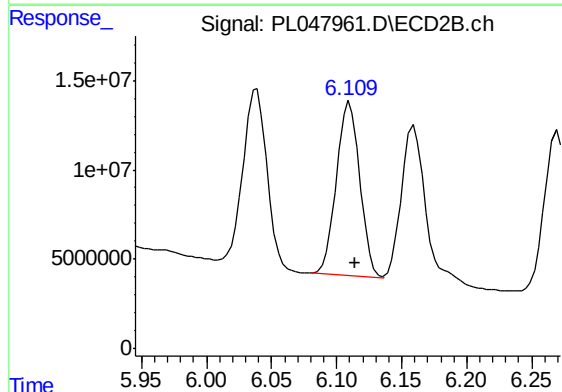
#11 alpha-Chlordane

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 507621071
Conc: 38.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS

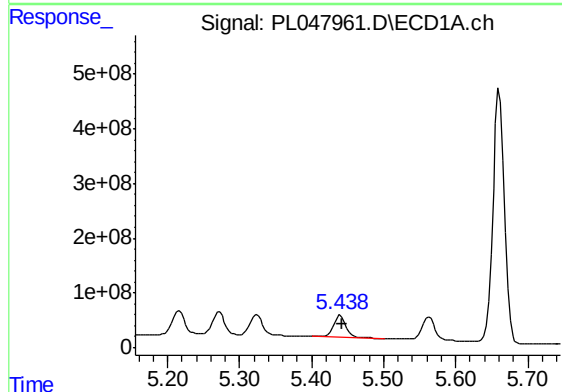
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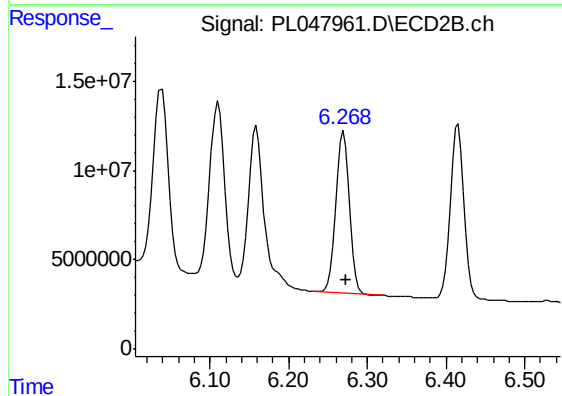
#11 alpha-Chlordane

R.T.: 6.110 min
Delta R.T.: -0.004 min
Response: 122039366
Conc: 40.34 ng/ml



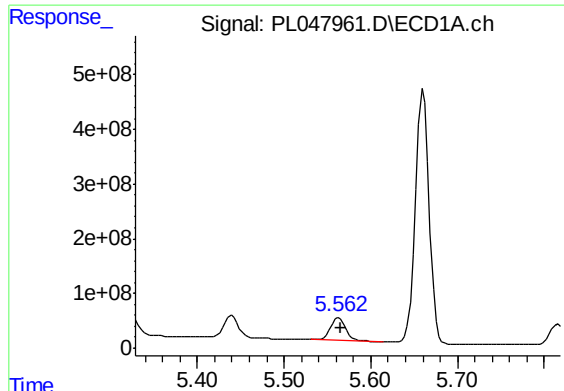
#12 4,4'-DDE

R.T.: 5.440 min
Delta R.T.: -0.002 min
Response: 461989812
Conc: 37.14 ng/ml



#12 4,4'-DDE

R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 110729706
Conc: 40.10 ng/ml



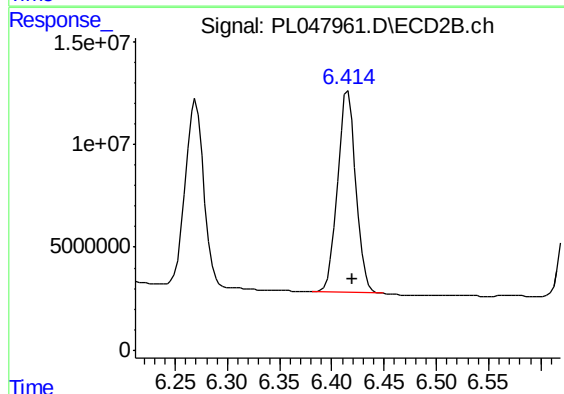
#13 Dieldrin

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 489140353
Conc: 37.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS

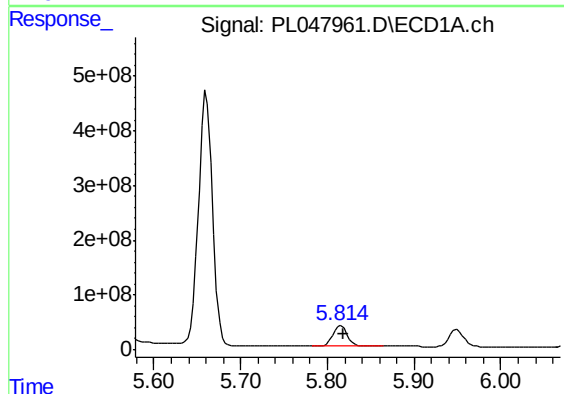
Manual Integrations
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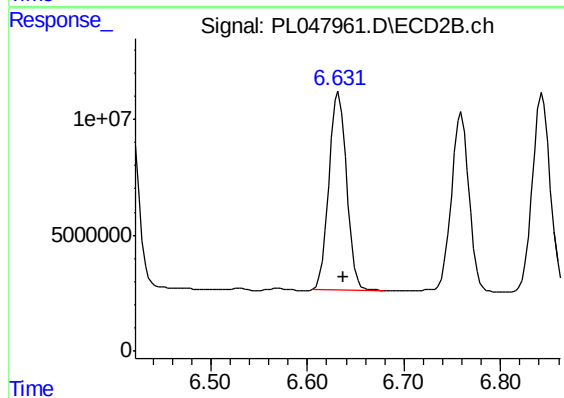
#13 Dieldrin

R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 119457157
Conc: 40.86 ng/ml



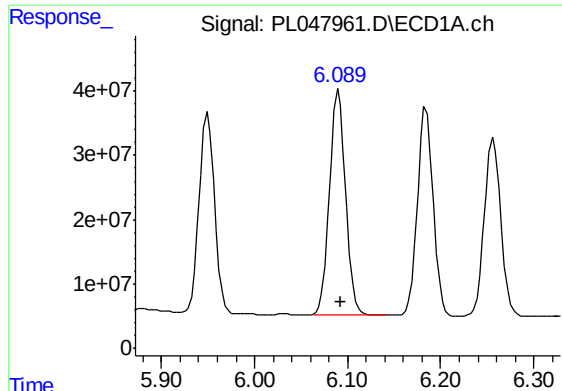
#14 Endrin

R.T.: 5.816 min
Delta R.T.: -0.002 min
Response: 435456025
Conc: 36.64 ng/ml



#14 Endrin

R.T.: 6.633 min
Delta R.T.: -0.004 min
Response: 106350470
Conc: 41.63 ng/ml



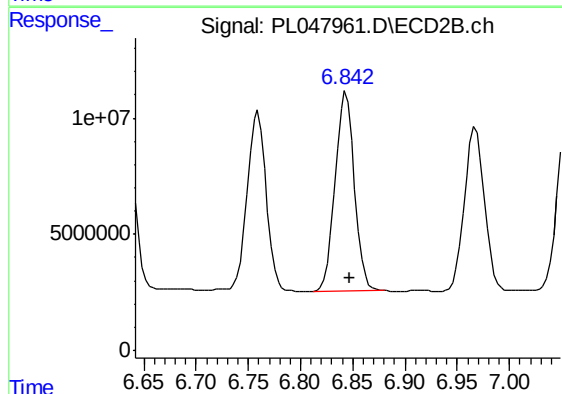
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 420459298
Conc: 37.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS

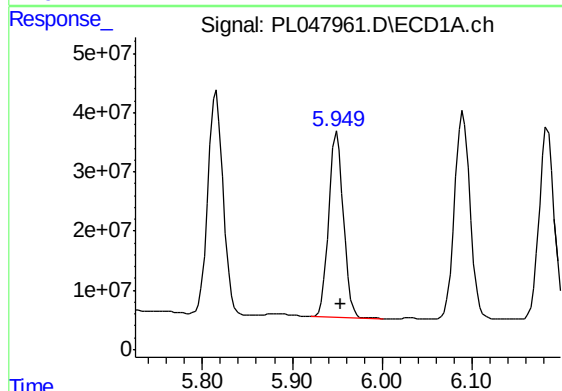
Manual Integrations
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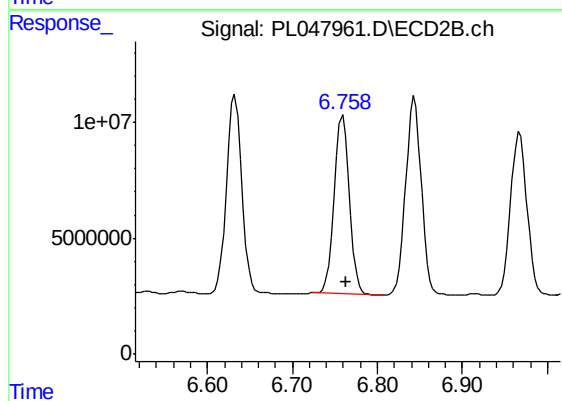
#15 Endosulfan II

R.T.: 6.844 min
Delta R.T.: -0.004 min
Response: 109974797
Conc: 41.92 ng/ml



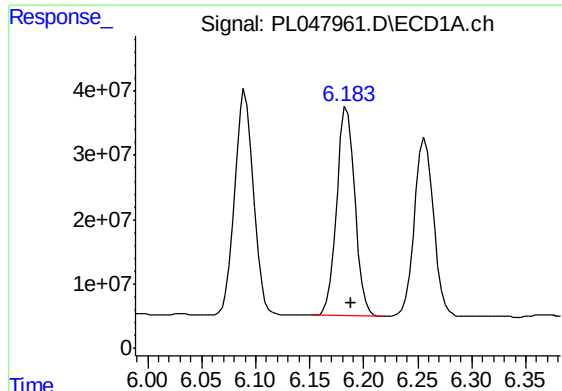
#16 4,4'-DDD

R.T.: 5.950 min
Delta R.T.: -0.004 min
Response: 355993853
Conc: 36.20 ng/ml



#16 4,4'-DDD

R.T.: 6.759 min
Delta R.T.: -0.004 min
Response: 96576004
Conc: 43.02 ng/ml



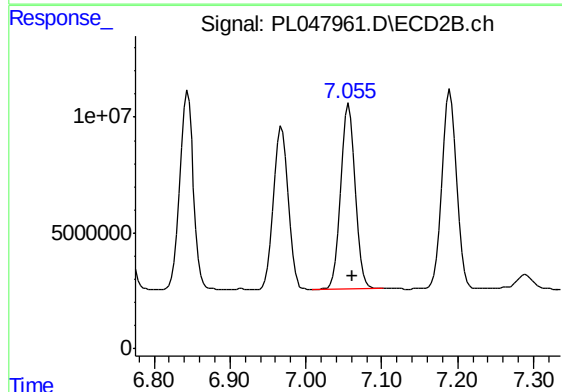
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 382987805
Conc: 38.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS

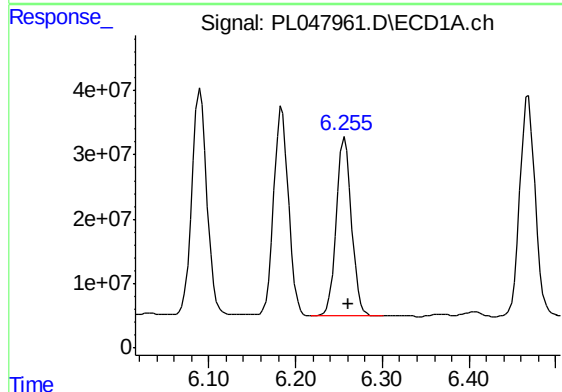
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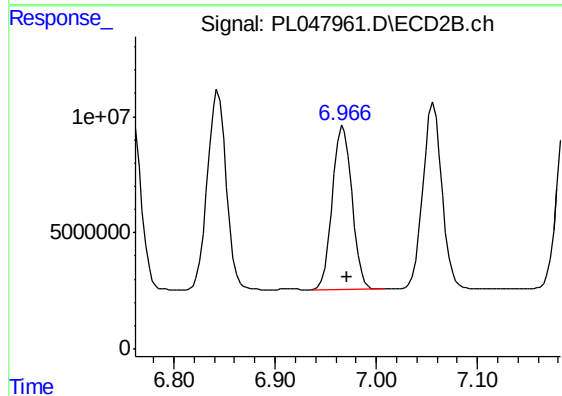
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: -0.004 min
Response: 104424802
Conc: 43.84 ng/ml



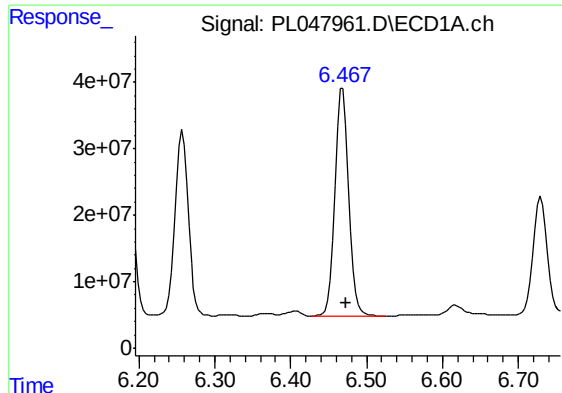
#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.004 min
Response: 342563119
Conc: 36.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.968 min
Delta R.T.: -0.003 min
Response: 94438566
Conc: 40.88 ng/ml



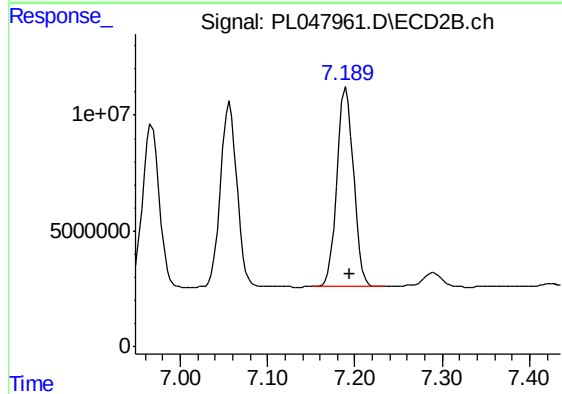
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: -0.004 min
Response: 427380245
Conc: 38.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS

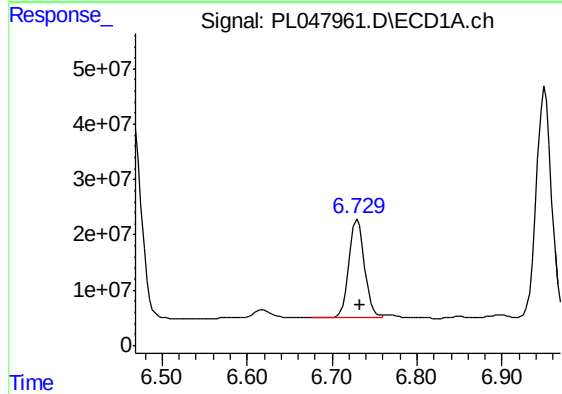
Manual Integrations
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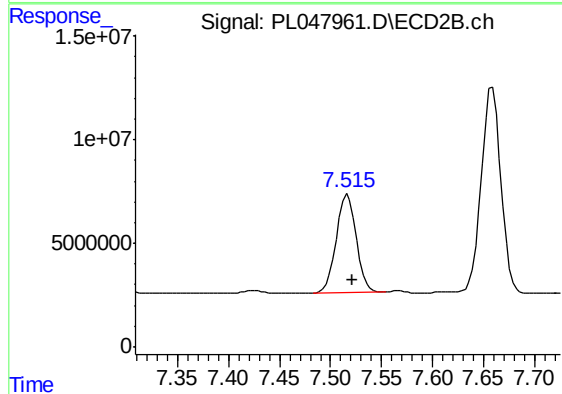
#19 Endosulfan Sulfate

R.T.: 7.190 min
Delta R.T.: -0.004 min
Response: 113685199
Conc: 41.51 ng/ml



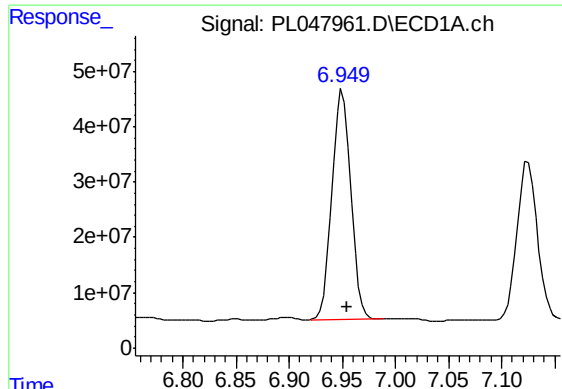
#20 Methoxychlor

R.T.: 6.730 min
Delta R.T.: -0.003 min
Response: 226291303
Conc: 42.55 ng/ml



#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: -0.004 min
Response: 64425700
Conc: 45.95 ng/ml



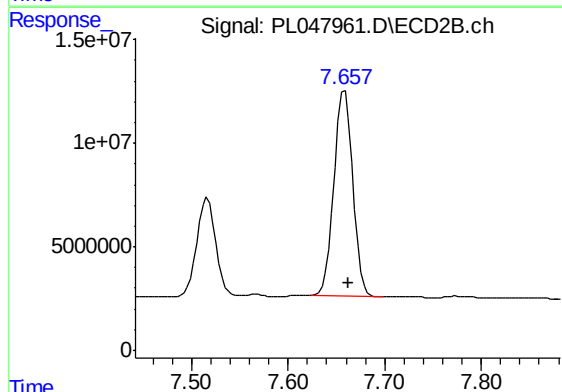
#21 Endrin ketone

R.T.: 6.951 min
Delta R.T.: -0.004 min
Response: 512563486
Conc: 43.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS

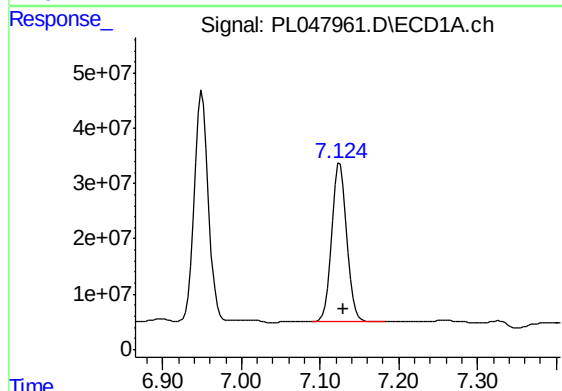
Manual Integrations
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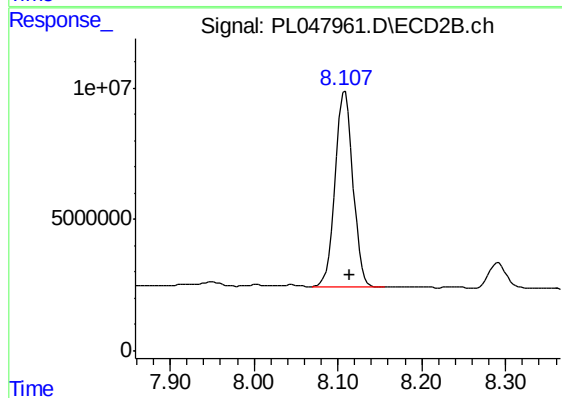
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.004 min
Response: 132590696
Conc: 47.16 ng/ml



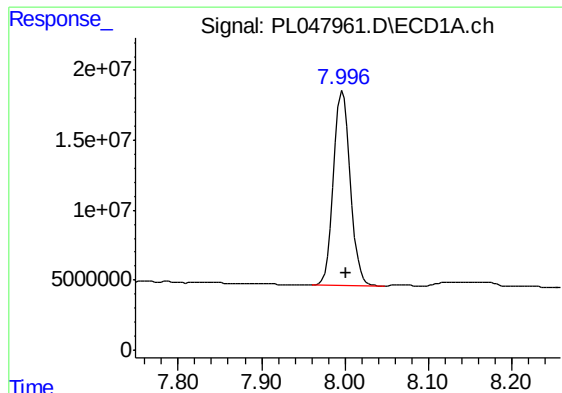
#22 Mirex

R.T.: 7.125 min
Delta R.T.: -0.004 min
Response: 387542463
Conc: 41.29 ng/ml



#22 Mirex

R.T.: 8.109 min
Delta R.T.: -0.005 min
Response: 109622805
Conc: 47.11 ng/ml



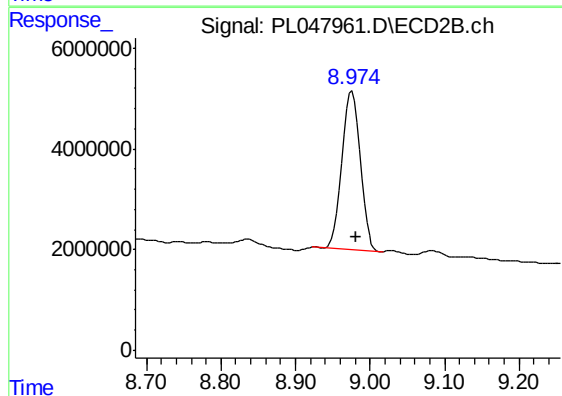
#28 Decachlorobiphenyl

R.T.: 7.997 min
Delta R.T.: -0.004 min
Response: 195163294
Conc: 17.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS

Manual Integrations
APPROVED

mohammad
4/30/2019 3:23:01 PM



#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: -0.006 min
Response: 53177754
Conc: 18.63 ng/ml