

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040519\
 Data File : PL047075.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2019 15:38
 Operator : AJ\SJ
 Sample : K2193-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HR-06-040319-AMS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 23:11:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.357	3.976	148.6E6	46268917	20.431	20.208
28)	SA Decachlor...	8.034	9.027	175.6E6	51300941	20.878	22.127
Target Compounds							
2)	A alpha-BHC	3.786	4.365	649.3E6	175.5E6	55.676	54.620
3)	MA gamma-BHC...	4.064	4.648	599.3E6	166.3E6	55.774	55.567m
4)	MA Heptachlor	4.350	5.154	635.0E6	175.7E6	57.595	57.124m
5)	MB Aldrin	4.590	5.459	596.7E6	161.7E6	57.843	56.443
6)	B beta-BHC	4.316	4.823	245.1E6	73035563	54.441	55.092
7)	B delta-BHC	4.512	5.037	566.2E6	140.1E6	55.935	60.385m
8)	B Heptachlo...	5.027	5.846	549.9E6	144.9E6	56.381	54.932
9)	A Endosulfan I	5.358	6.202	516.6E6	141.4E6	54.946	54.162
10)	B gamma-Chl...	5.250	6.080	563.5E6	154.2E6	54.854	54.329
11)	B alpha-Chl...	5.306	6.152	550.8E6	153.0E6	54.325	53.923
12)	B 4,4'-DDE	5.472	6.310	524.4E6	136.5E6	56.961m	54.977
13)	MA Dieldrin	5.598	6.458	557.2E6	146.5E6	55.526	54.052
14)	MA Endrin	5.851	6.676	512.8E6	128.0E6	54.437	53.568
15)	B Endosulfa...	6.126	6.886	476.0E6	129.2E6	53.127	53.542
16)	A 4,4'-DDD	5.984	6.800	425.2E6	111.9E6	56.254	55.599
17)	MA 4,4'-DDT	6.219	7.098	410.5E6	113.1E6	54.195	53.935
18)	B Endrin al...	6.293	7.010	395.2E6	110.3E6	52.723	51.940
19)	B Endosulfa...	6.504	7.233	463.3E6	127.3E6	56.428	53.966
20)	A Methoxychlor	6.764	7.557	222.9E6	66317948	52.453	52.023
21)	B Endrin ke...	6.986	7.702	511.9E6	135.2E6	55.364m	54.403
22)	Mirex	7.163	8.154	363.0E6	104.7E6	49.828	52.324

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040519\
Data File : PL047075.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Apr 2019 15:38
Operator : AJ\SJ
Sample : K2193-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

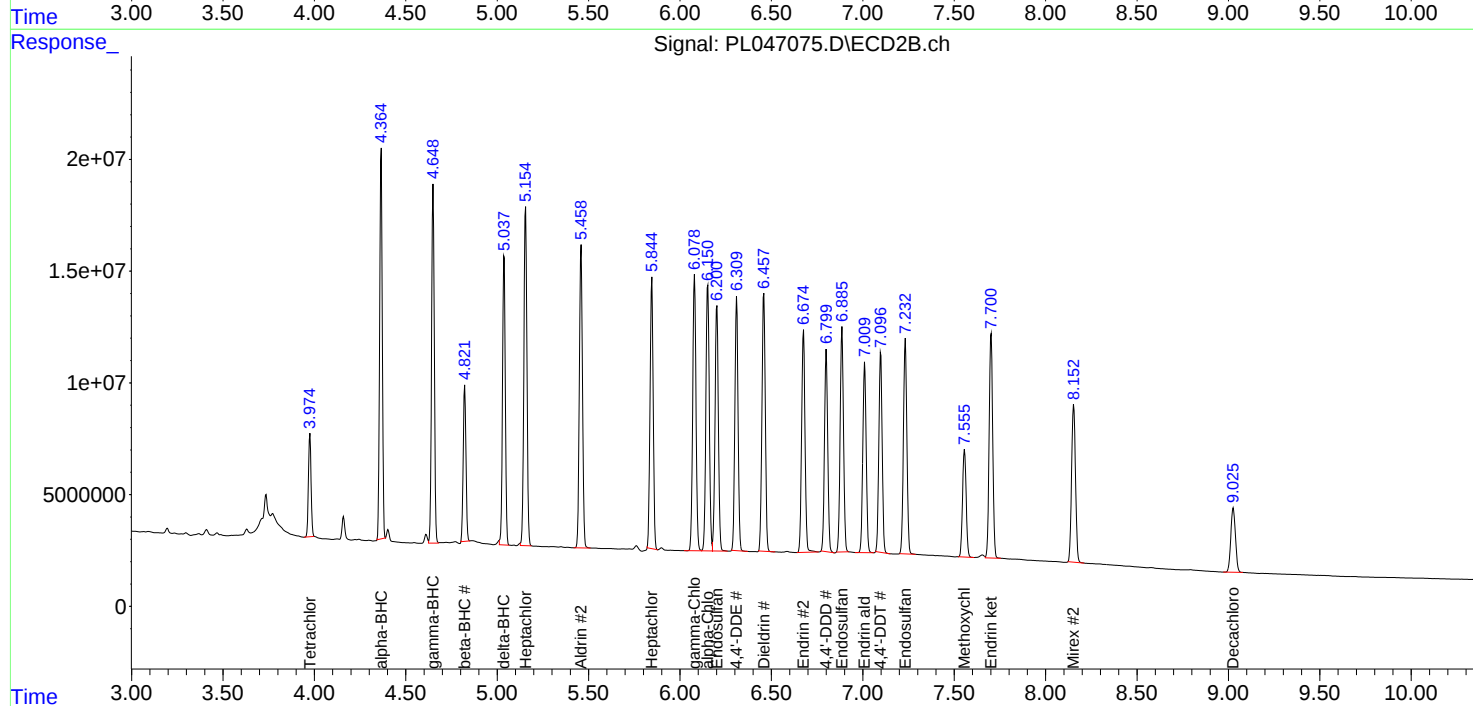
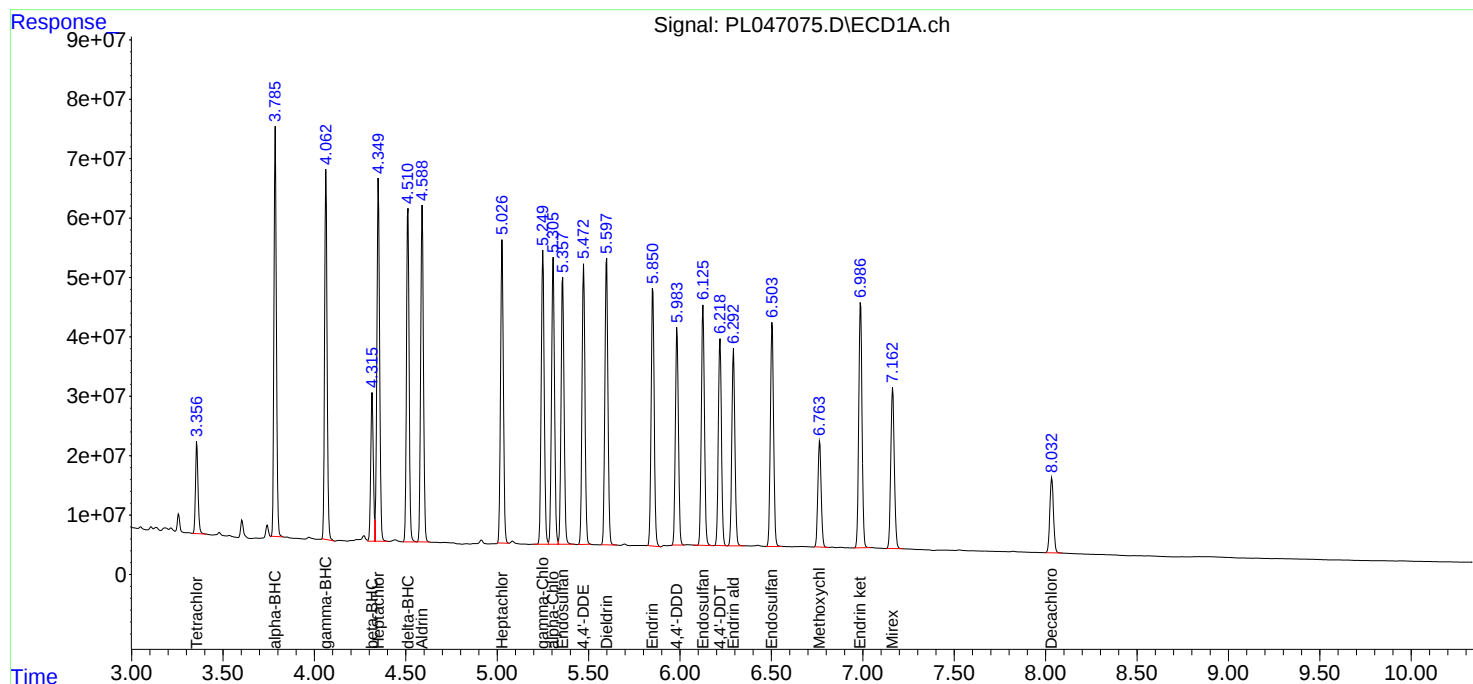
Instrument :
ECD_L
ClientSampleId :
HR-06-040319-AMS

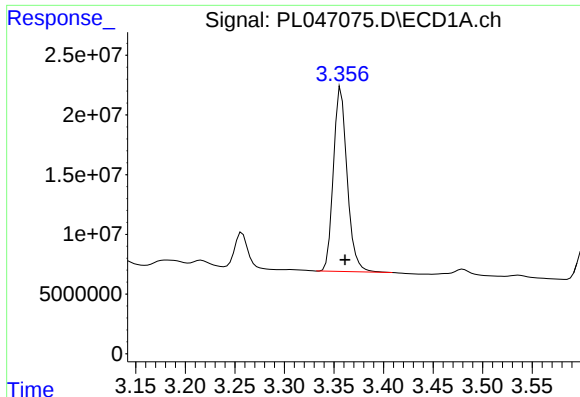
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 05 23:11:19 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
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Volume 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





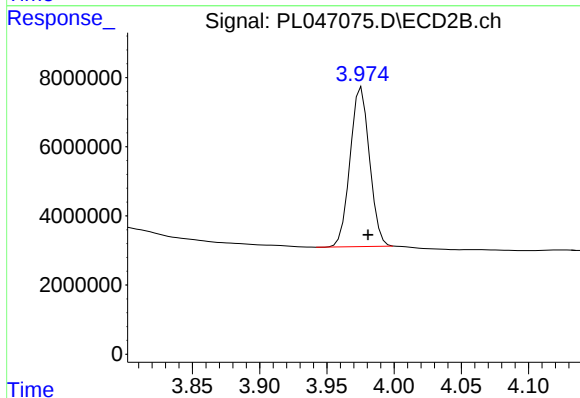
#1 Tetrachloro-m-xylene

R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 148630661
Conc: 20.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-06-040319-AMS

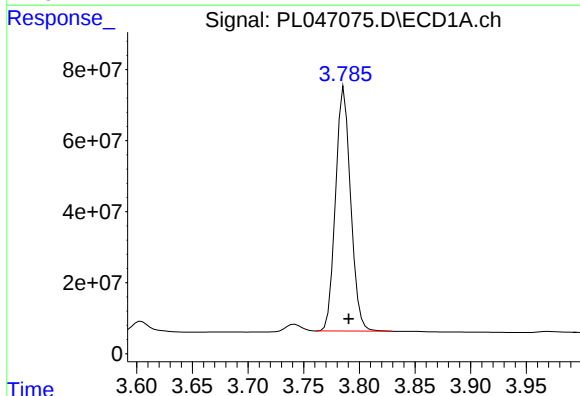
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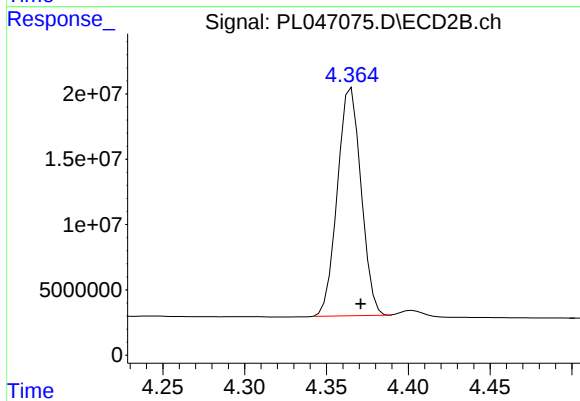
#1 Tetrachloro-m-xylene

R.T.: 3.976 min
Delta R.T.: -0.005 min
Response: 46268917
Conc: 20.21 ng/ml



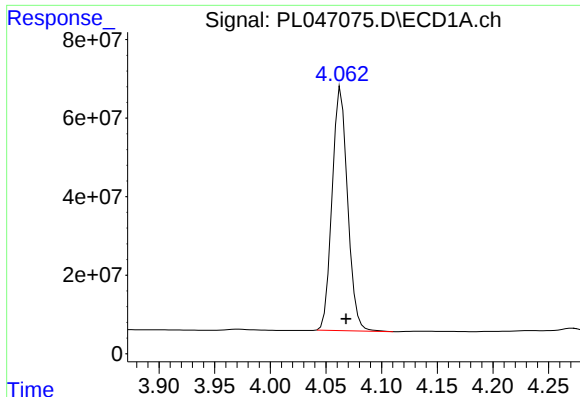
#2 alpha-BHC

R.T.: 3.786 min
Delta R.T.: -0.004 min
Response: 649298522
Conc: 55.68 ng/ml



#2 alpha-BHC

R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 175508744
Conc: 54.62 ng/ml



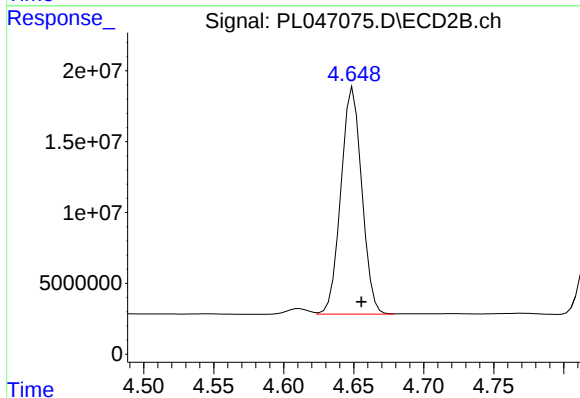
#3 gamma-BHC (Lindane)

R.T.: 4.064 min
Delta R.T.: -0.005 min
Response: 599262314
Conc: 55.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-06-040319-AMS

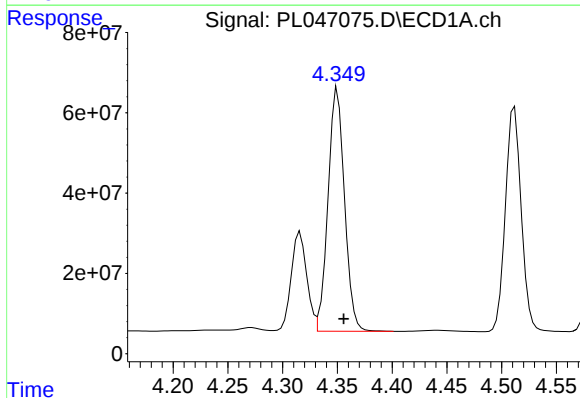
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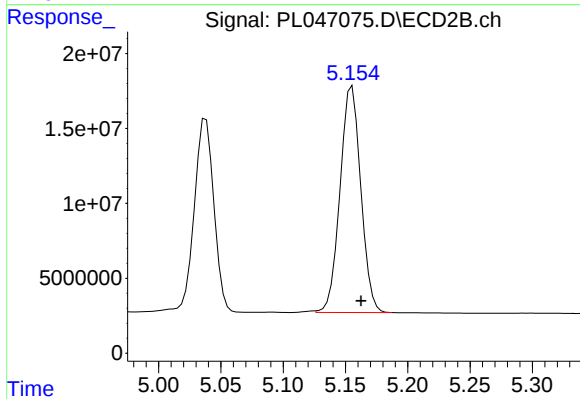
#3 gamma-BHC (Lindane)

R.T.: 4.648 min
Delta R.T.: -0.007 min
Response: 166314138
Conc: 55.57 ng/ml m



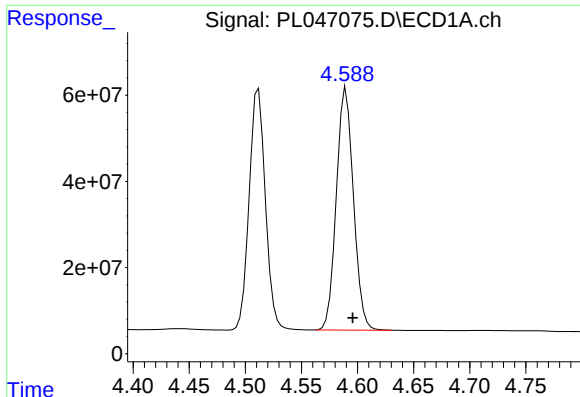
#4 Heptachlor

R.T.: 4.350 min
Delta R.T.: -0.006 min
Response: 634996810
Conc: 57.60 ng/ml



#4 Heptachlor

R.T.: 5.154 min
Delta R.T.: -0.008 min
Response: 175705782
Conc: 57.12 ng/ml m



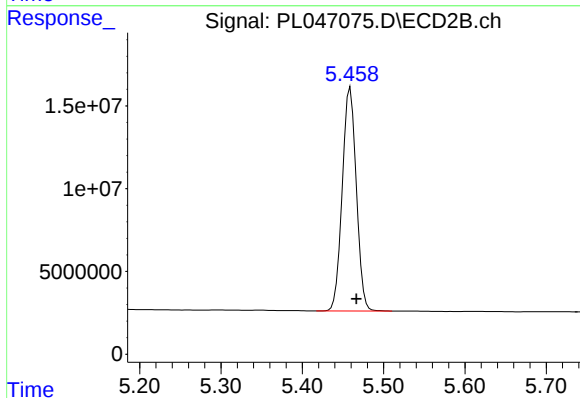
#5 Aldrin

R.T.: 4.590 min
Delta R.T.: -0.006 min
Response: 596652839
Conc: 57.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-06-040319-AMS

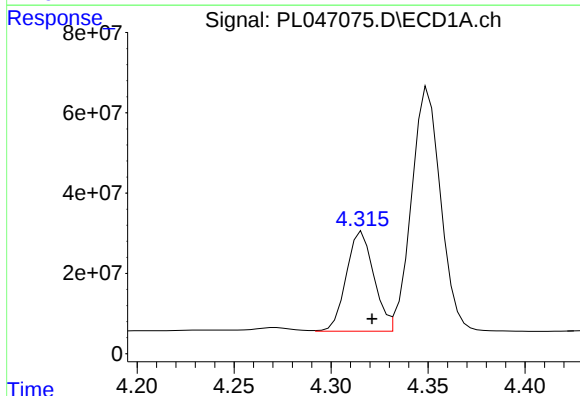
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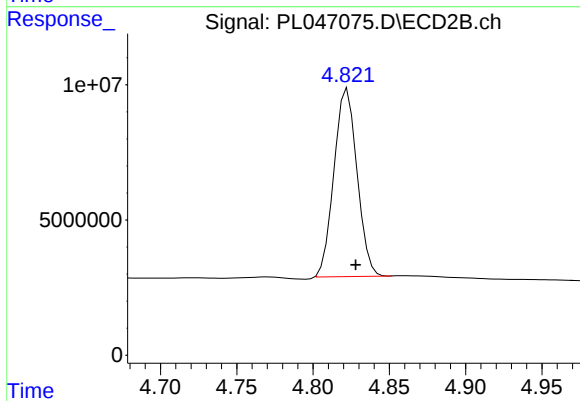
#5 Aldrin

R.T.: 5.459 min
Delta R.T.: -0.008 min
Response: 161706607
Conc: 56.44 ng/ml



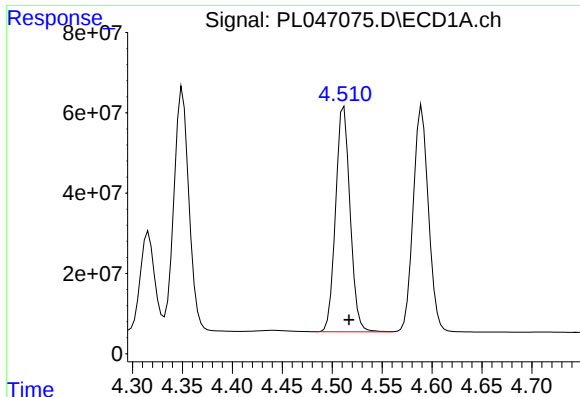
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: -0.005 min
Response: 245117760
Conc: 54.44 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.005 min
Response: 73035563
Conc: 55.09 ng/ml



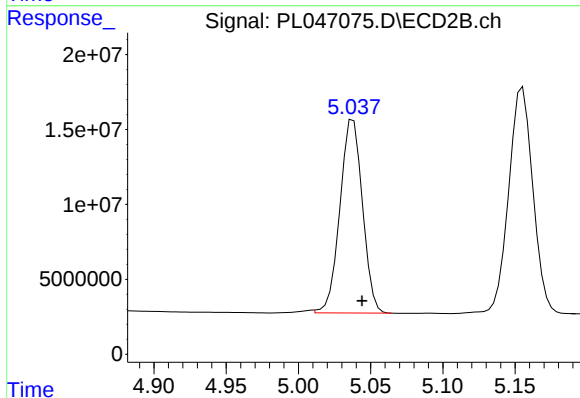
#7 delta-BHC

R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 566233859
Conc: 55.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-06-040319-AMS

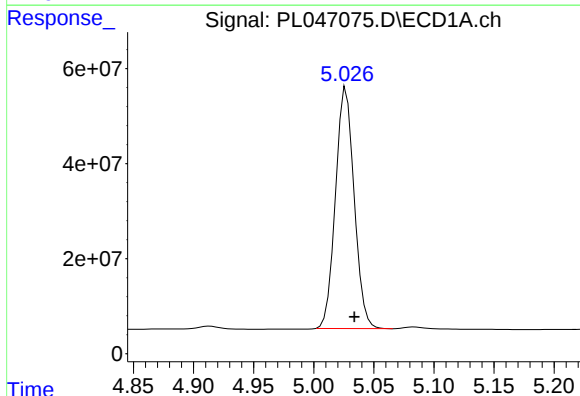
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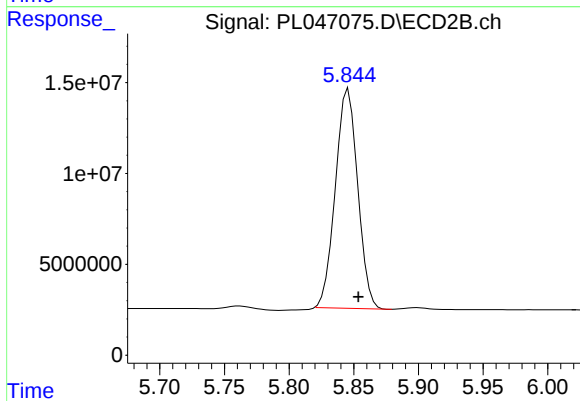
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: -0.008 min
Response: 140103977
Conc: 60.39 ng/ml m



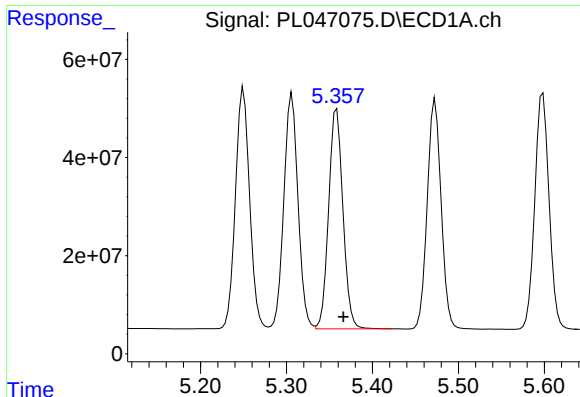
#8 Heptachlor epoxide

R.T.: 5.027 min
Delta R.T.: -0.007 min
Response: 549917834
Conc: 56.38 ng/ml



#8 Heptachlor epoxide

R.T.: 5.846 min
Delta R.T.: -0.008 min
Response: 144865569
Conc: 54.93 ng/ml



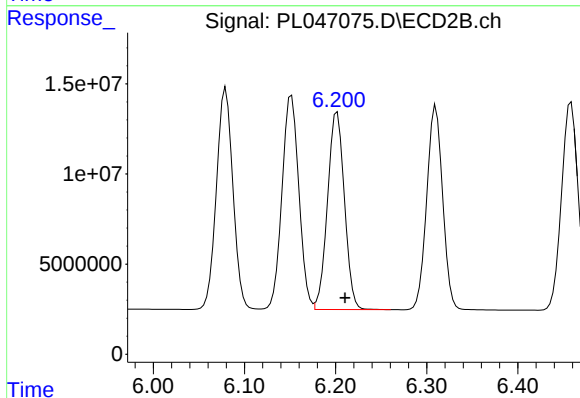
#9 Endosulfan I

R.T.: 5.358 min
Delta R.T.: -0.008 min
Response: 516624338
Conc: 54.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-06-040319-AMS

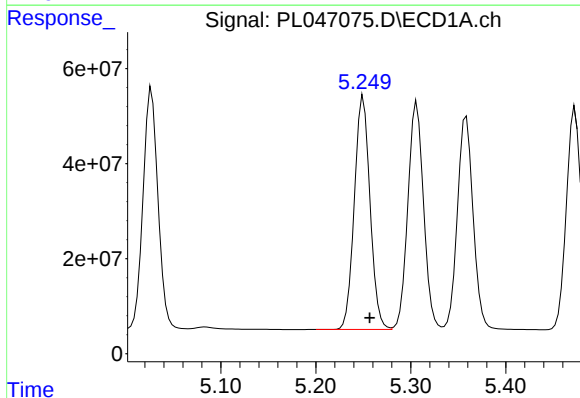
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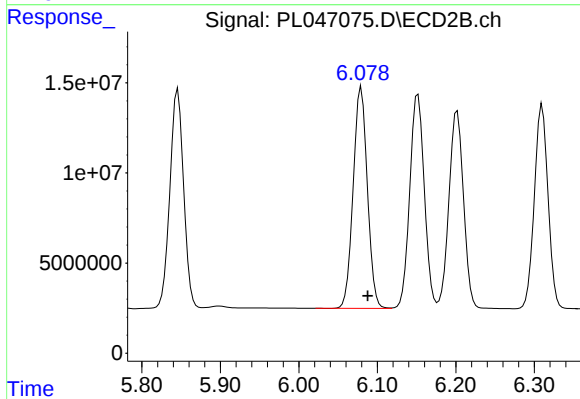
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: -0.008 min
Response: 141356586
Conc: 54.16 ng/ml



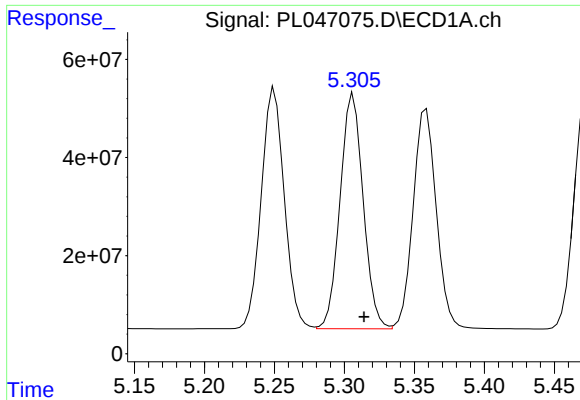
#10 gamma-Chlordane

R.T.: 5.250 min
Delta R.T.: -0.007 min
Response: 563487640
Conc: 54.85 ng/ml



#10 gamma-Chlordane

R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 154191222
Conc: 54.33 ng/ml



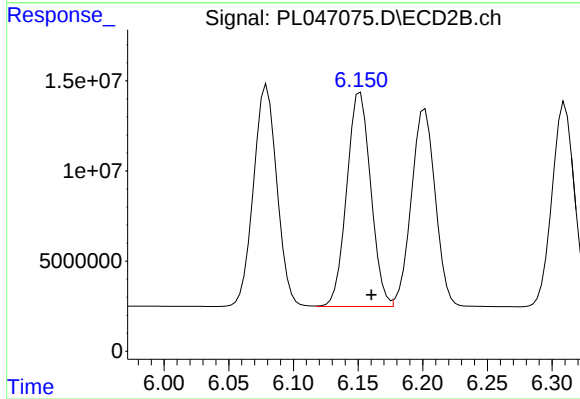
#11 alpha-Chlordane

R.T.: 5.306 min
Delta R.T.: -0.008 min
Response: 550807179
Conc: 54.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-06-040319-AMS

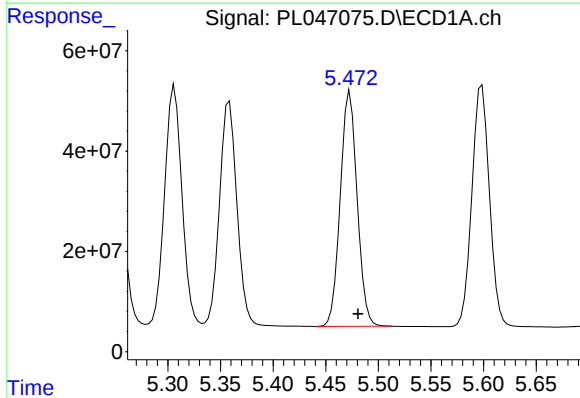
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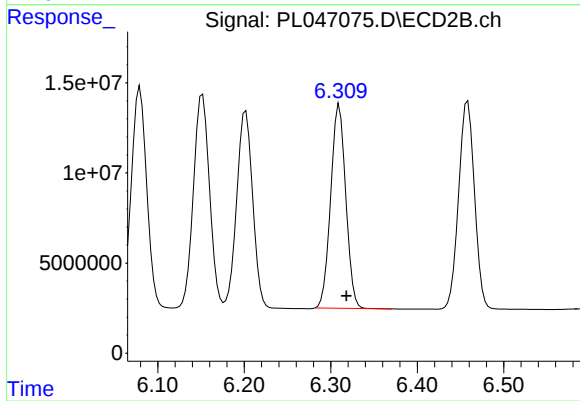
#11 alpha-Chlordane

R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 152962603
Conc: 53.92 ng/ml



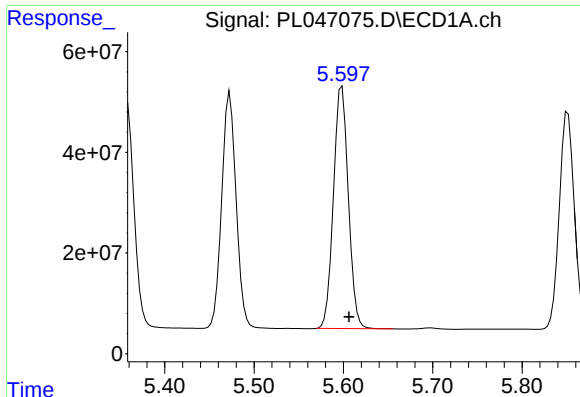
#12 4,4'-DDE

R.T.: 5.472 min
Delta R.T.: -0.009 min
Response: 524437558
Conc: 56.96 ng/ml m



#12 4,4'-DDE

R.T.: 6.310 min
Delta R.T.: -0.008 min
Response: 136471832
Conc: 54.98 ng/ml



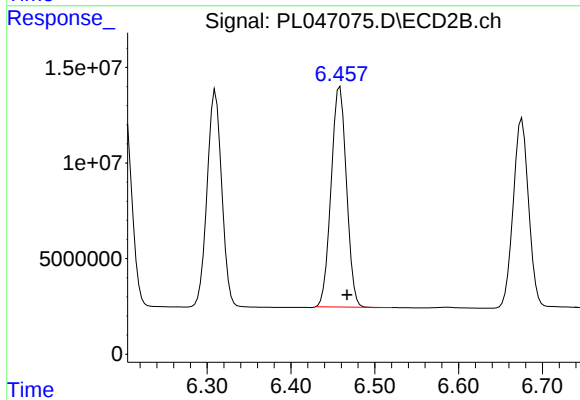
#13 Dieldrin

R.T.: 5.598 min
Delta R.T.: -0.008 min
Response: 557232844
Conc: 55.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-06-040319-AMS

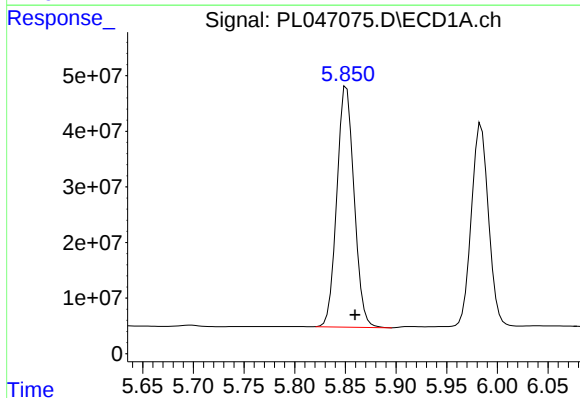
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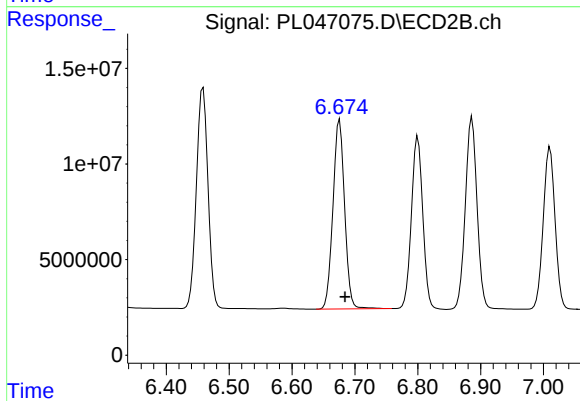
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: -0.008 min
Response: 146516569
Conc: 54.05 ng/ml



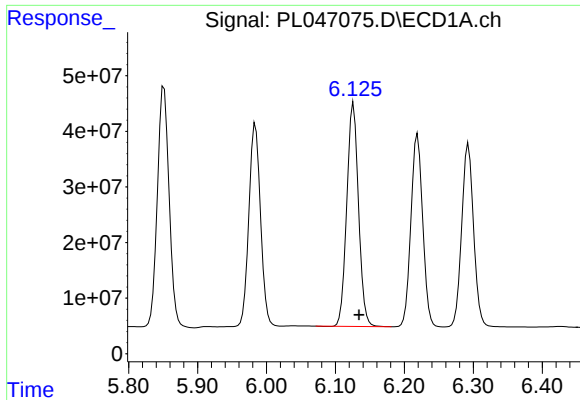
#14 Endrin

R.T.: 5.851 min
Delta R.T.: -0.008 min
Response: 512757066
Conc: 54.44 ng/ml



#14 Endrin

R.T.: 6.676 min
Delta R.T.: -0.009 min
Response: 128015530
Conc: 53.57 ng/ml



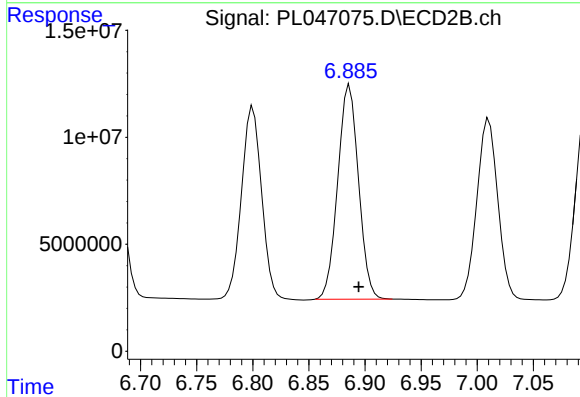
#15 Endosulfan II

R.T.: 6.126 min
Delta R.T.: -0.008 min
Response: 475997606
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-06-040319-AMS

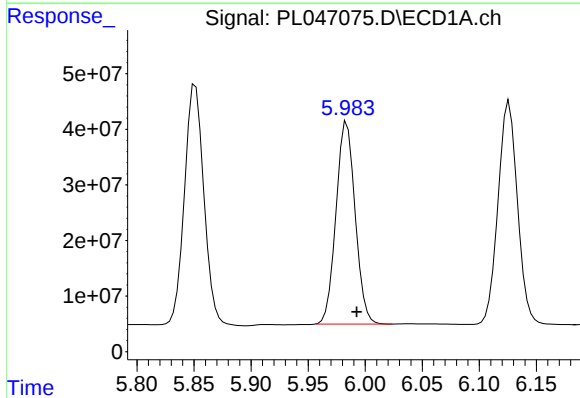
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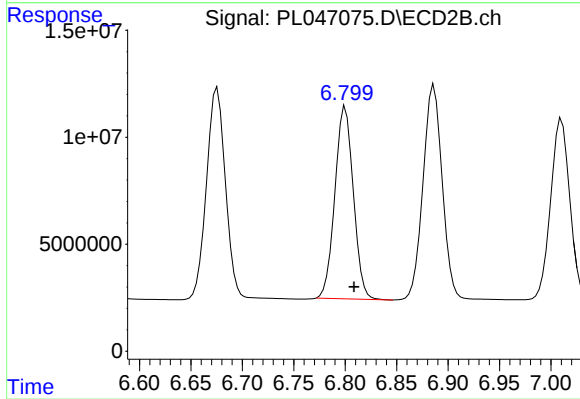
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: -0.008 min
Response: 129191531
Conc: 53.54 ng/ml



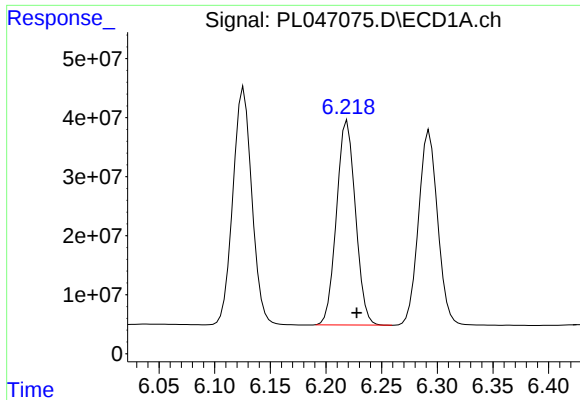
#16 4,4'-DDD

R.T.: 5.984 min
Delta R.T.: -0.009 min
Response: 425229307
Conc: 56.25 ng/ml



#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: -0.008 min
Response: 111866843
Conc: 55.60 ng/ml



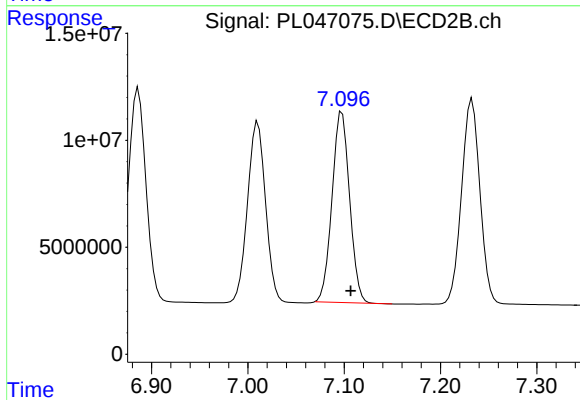
#17 4,4'-DDT

R.T.: 6.219 min
Delta R.T.: -0.008 min
Response: 410488952
Conc: 54.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-06-040319-AMS

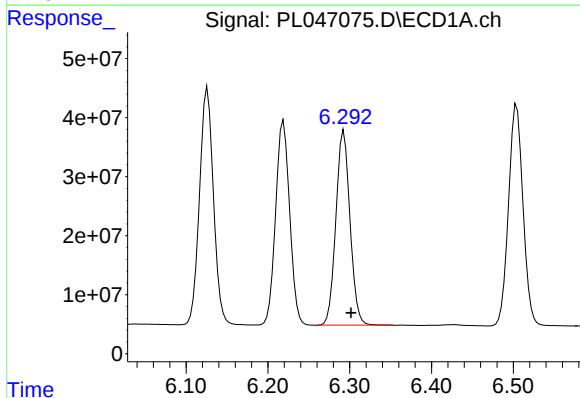
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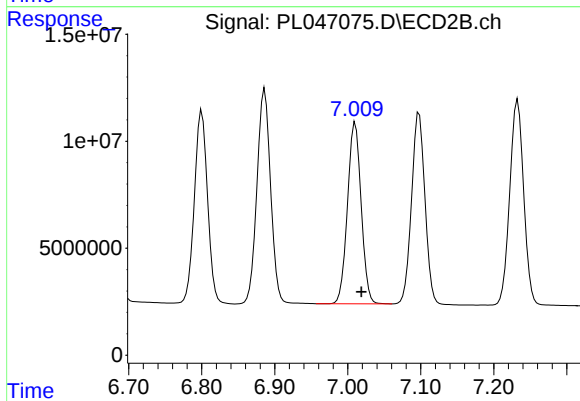
#17 4,4'-DDT

R.T.: 7.098 min
Delta R.T.: -0.009 min
Response: 113099472
Conc: 53.94 ng/ml



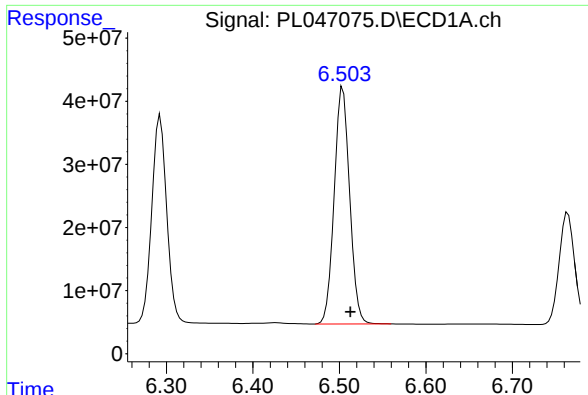
#18 Endrin aldehyde

R.T.: 6.293 min
Delta R.T.: -0.009 min
Response: 395164310
Conc: 52.72 ng/ml



#18 Endrin aldehyde

R.T.: 7.010 min
Delta R.T.: -0.008 min
Response: 110321340
Conc: 51.94 ng/ml



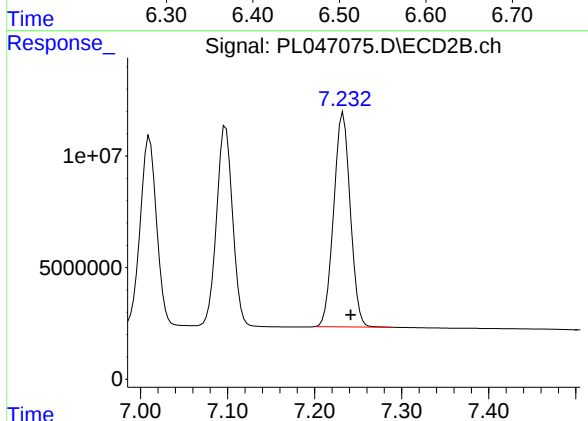
#19 Endosulfan Sulfate

R.T.: 6.504 min
Delta R.T.: -0.009 min
Response: 463339746
Conc: 56.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-06-040319-AMS

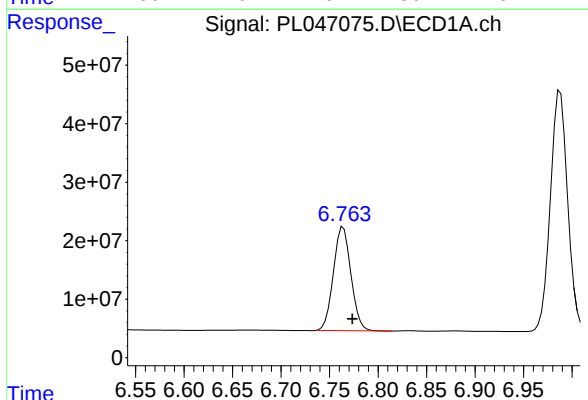
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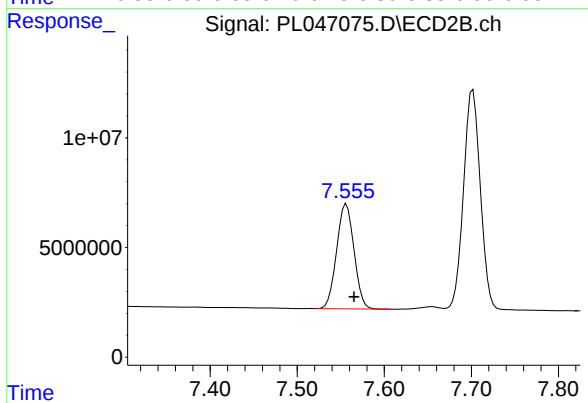
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: -0.009 min
Response: 127305677
Conc: 53.97 ng/ml



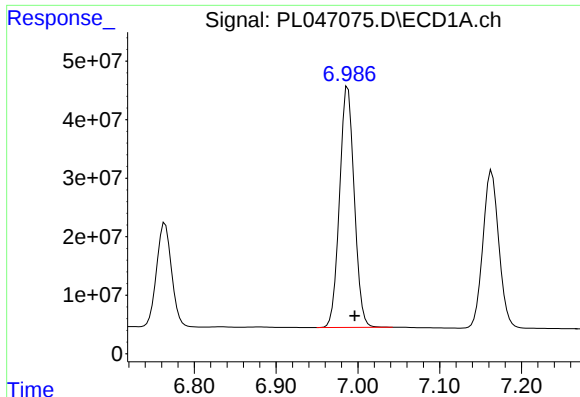
#20 Methoxychlor

R.T.: 6.764 min
Delta R.T.: -0.009 min
Response: 222919485
Conc: 52.45 ng/ml



#20 Methoxychlor

R.T.: 7.557 min
Delta R.T.: -0.009 min
Response: 66317948
Conc: 52.02 ng/ml



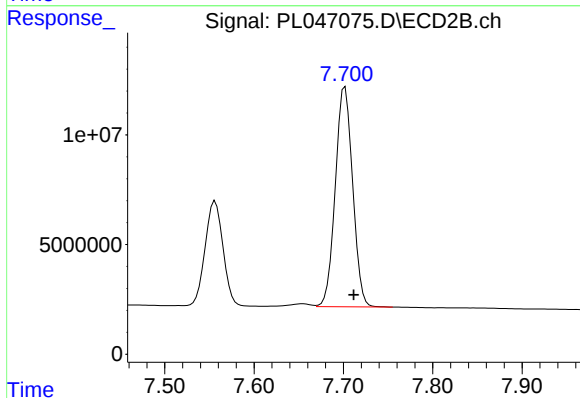
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.010 min
Response: 511943654
Conc: 55.36 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HR-06-040319-AMS

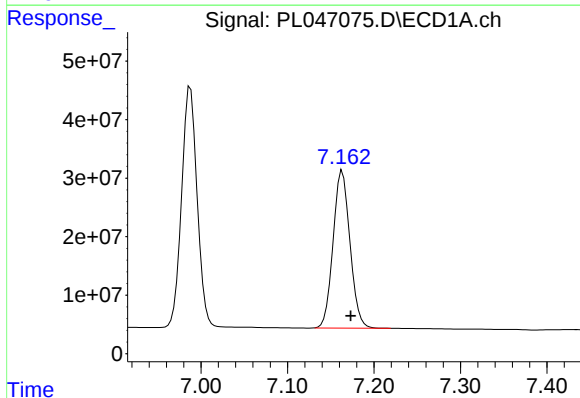
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Sohil
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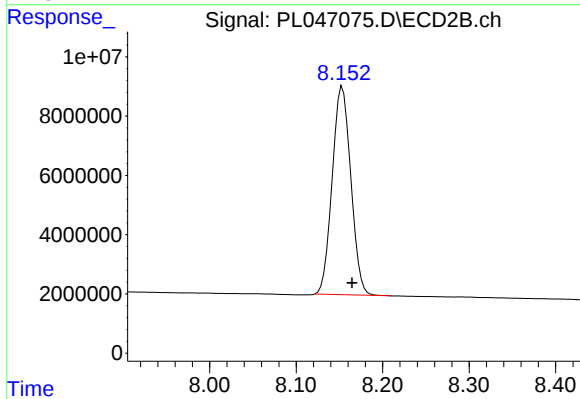
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: -0.010 min
Response: 135167338
Conc: 54.40 ng/ml



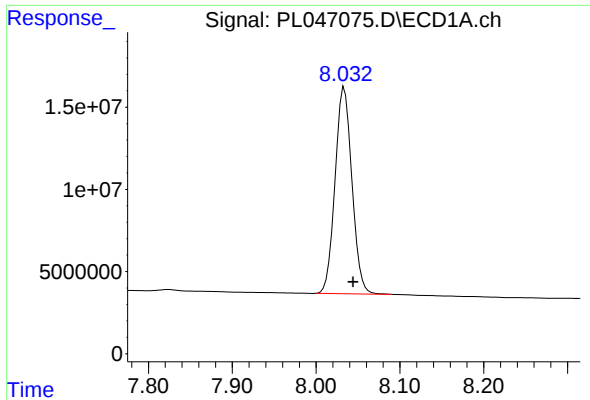
#22 Mirex

R.T.: 7.163 min
Delta R.T.: -0.010 min
Response: 363024449
Conc: 49.83 ng/ml



#22 Mirex

R.T.: 8.154 min
Delta R.T.: -0.011 min
Response: 104656884
Conc: 52.32 ng/ml



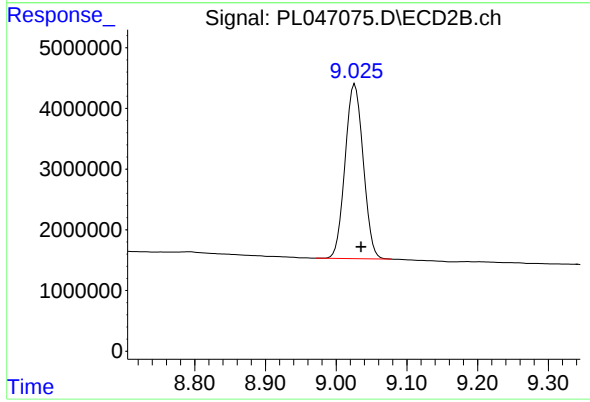
#28 Decachlorobiphenyl

R.T.: 8.034 min
Delta R.T.: -0.010 min
Response: 175607410
Conc: 20.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-06-040319-AMS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: -0.008 min
Response: 51300941
Conc: 22.13 ng/ml