

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020720\
 Data File : PL056411.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2020 01:22
 Operator : AJ\MA
 Sample : L1446-02MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HP-640MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 02:24:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 28 13:10:37 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...	3.497	4.016	457.0E6	36935624	43.638m	12.632 #
28)	SA Decachlor...	8.253	9.094	158.7E6	31510925	15.069	13.931
Target Compounds							
2)	A alpha-BHC	3.936	4.405	120.6E6	139.0E6	6.766	31.753 #
3)	MA gamma-BHC...	4.221	4.691	453.0E6	27897270	27.664	6.803m#
4)	MA Heptachlor	4.522	5.200	132.1E6	126.3E6	8.227	35.313 #
5)	MB Aldrin	4.770	5.507	203.4E6	15264511	12.501	4.343 #
6)	B beta-BHC	4.478	4.861	407.6E6	18029549	61.878m	10.997m#
7)	B delta-BHC	4.675	5.079	60335592	15430668	3.763m	4.811 #
8)	B Heptachlor...	5.215	5.890	109.1E6	28980357	7.095	9.311m#
9)	A Endosulfan I	5.550	6.249	131.9E6	30562133	9.092	10.212m
10)	B gamma-Chl...	5.442	6.128	198.8E6	70268519	12.676	22.096 #
11)	B alpha-Chl...	5.488	6.198	425.8E6	45567465	27.680m	14.376 #
12)	B 4,4'-DDE	5.662	6.352	133.7E6	23074016	9.225	7.703
13)	MA Dieldrin	5.796	6.506	135.7E6	41028802	8.820	13.218 #
14)	MA Endrin	6.054	6.726	210.0E6	46163154	14.941	17.615m
15)	B Endosulfa...	6.335	6.950f	12800.5E6	2036.1E6	978.748	756.330m
16)	A 4,4'-DDD	6.183	6.848	70521677	18106273	6.561m	7.674m
17)	MA 4,4'-DDT	6.420	7.146	166.2E6	23372006	15.210	10.180 #
18)	B Endrin al...	6.497	7.061	163.1E6	26003300	14.910	11.454
19)	B Endosulfa...	6.717	7.280	316.7E6	99642989	26.048	39.373 #
20)	A Methoxychlor	6.966	7.606	466.3E6	18036015	87.783	14.710m#
21)	B Endrin ke...	7.199	7.757	111.8E6	38513940	8.542	14.442 #
22)	Mirex	7.393	8.209	76595488	47890465	8.290m	26.345 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020720\
Data File : PL056411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Feb 2020 01:22
Operator : AJ\MA
Sample : L1446-02MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

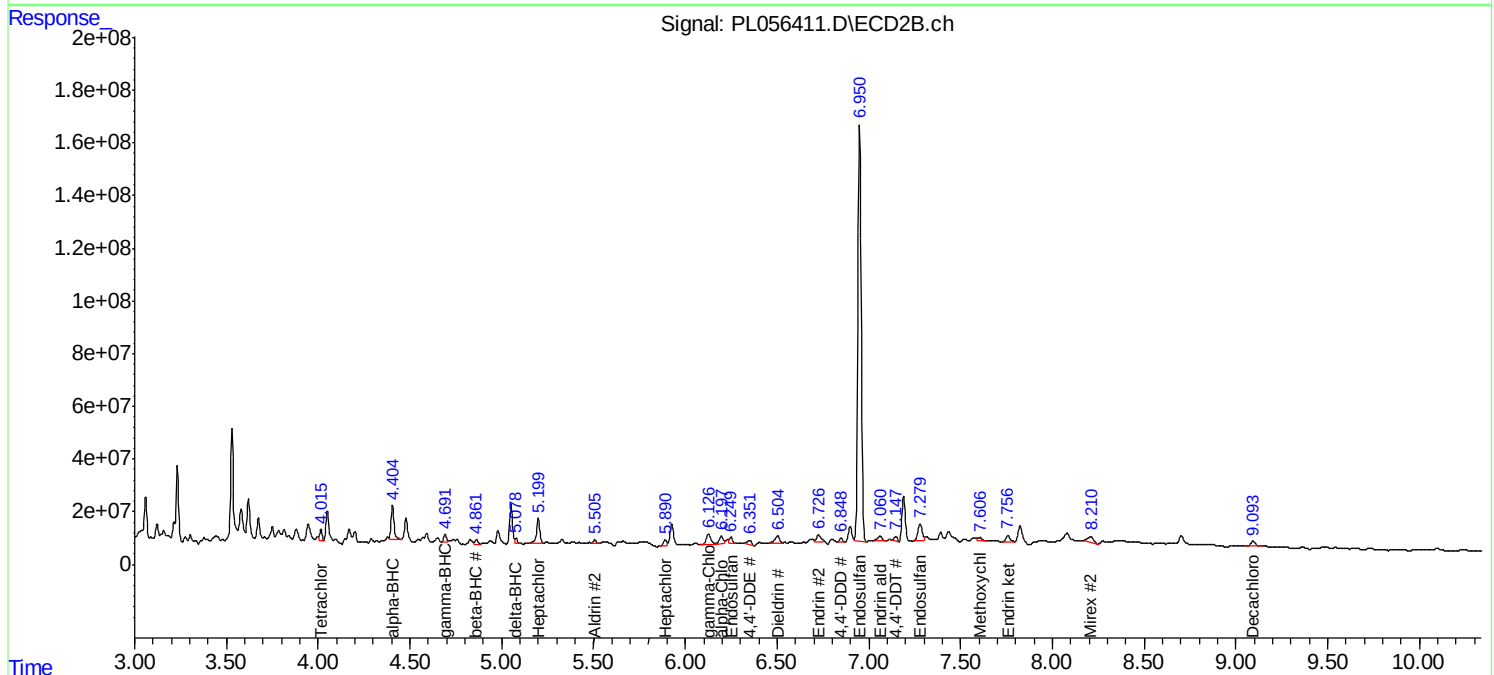
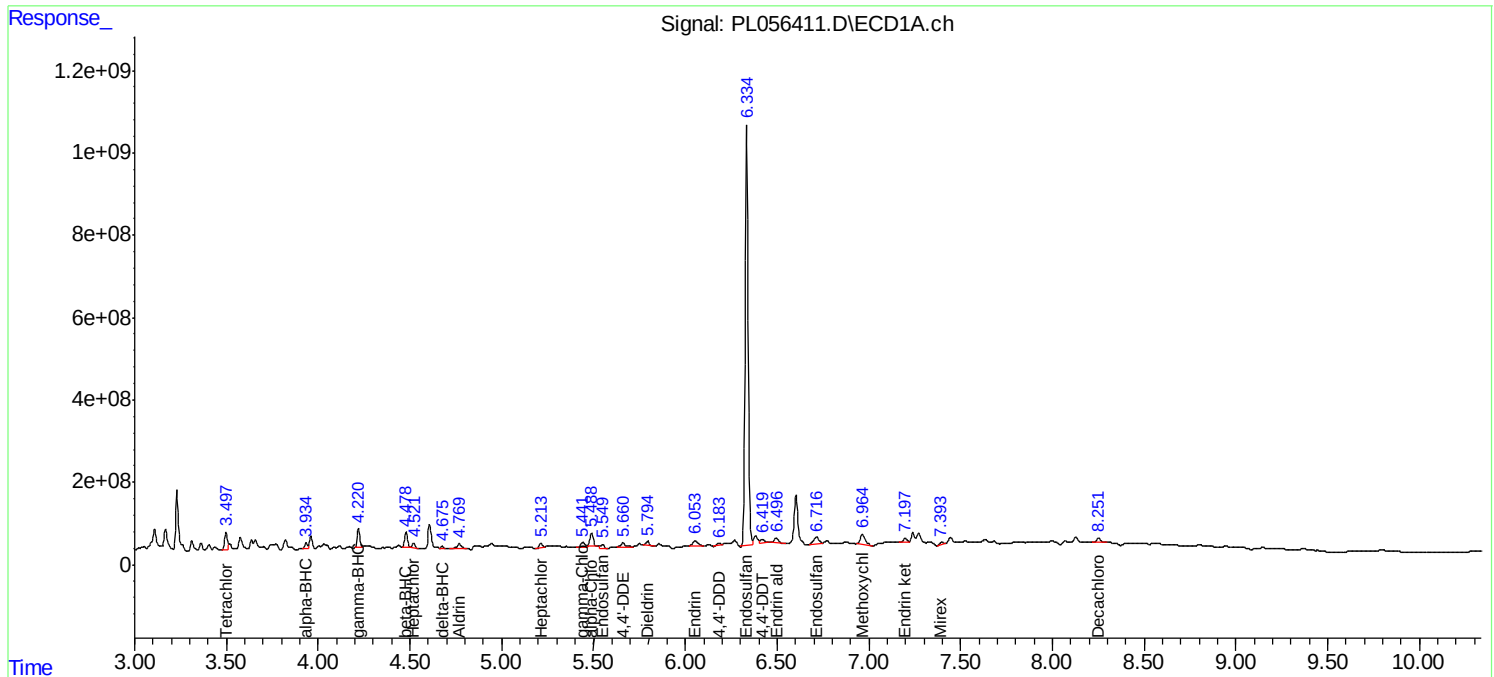
Instrument :
ECD_L
ClientSampled :
HP-640MS

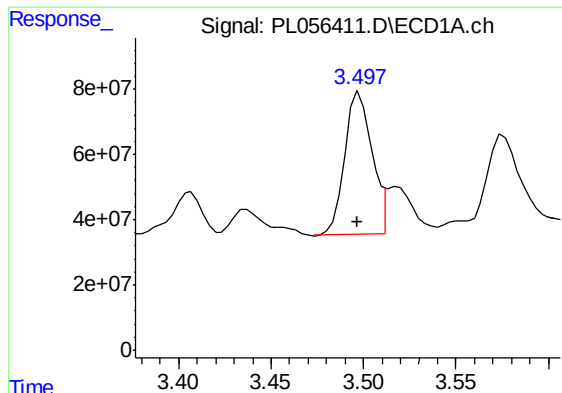
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 02:24:03 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
Quant Title : GC Extractables
QLast Update : Tue Jan 28 13:10:37 2020
Response 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





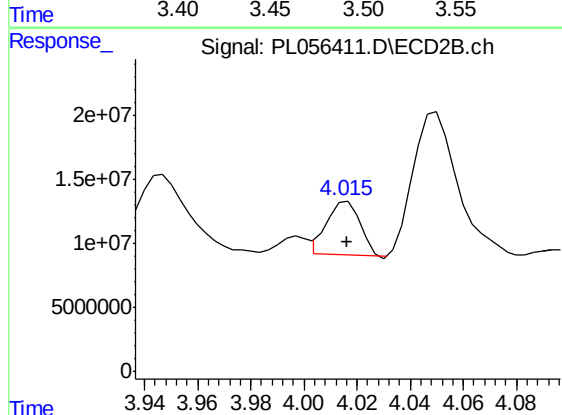
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 457023220
Conc: 43.64 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MS

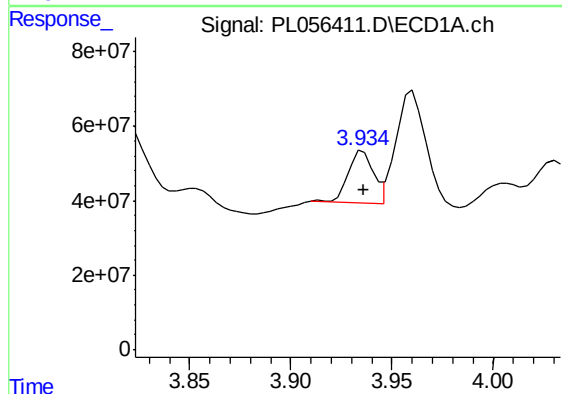
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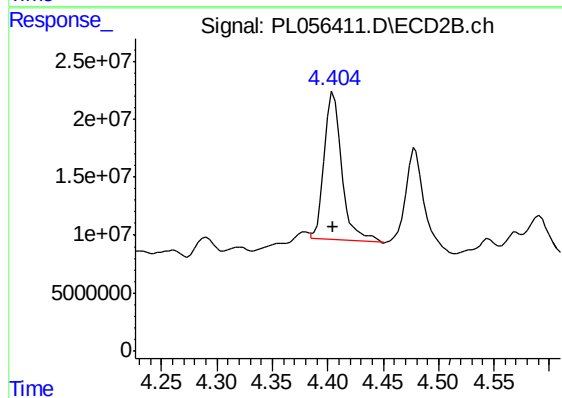
#1 Tetrachloro-m-xylene

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 36935624
Conc: 12.63 ng/ml



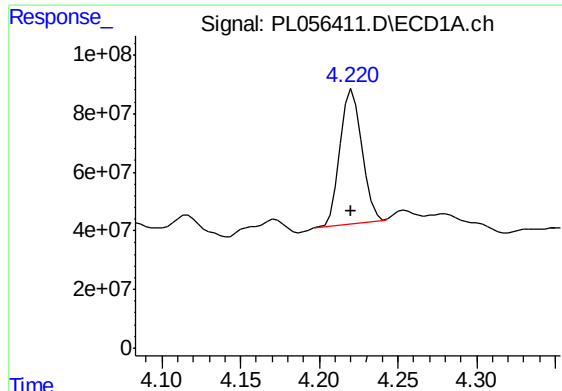
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 120566124
Conc: 6.77 ng/ml



#2 alpha-BHC

R.T.: 4.405 min
Delta R.T.: 0.000 min
Response: 138987446
Conc: 31.75 ng/ml



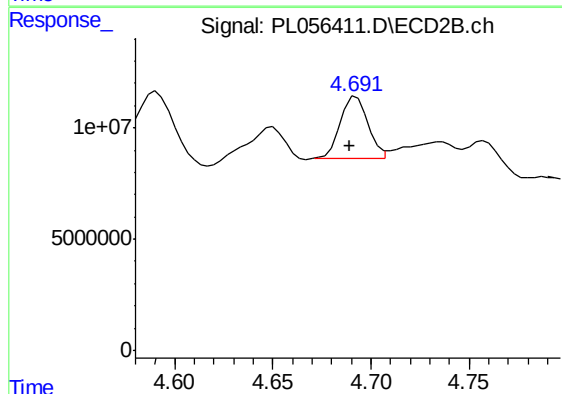
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 452966358
Conc: 27.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

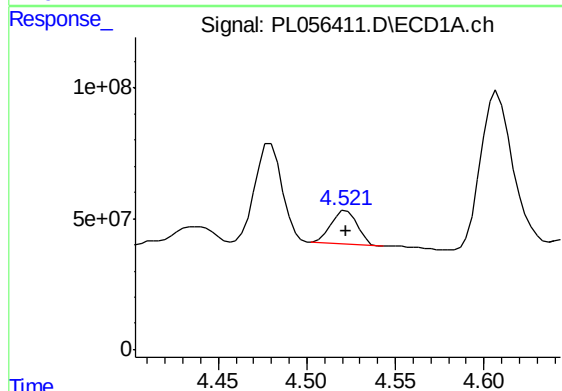
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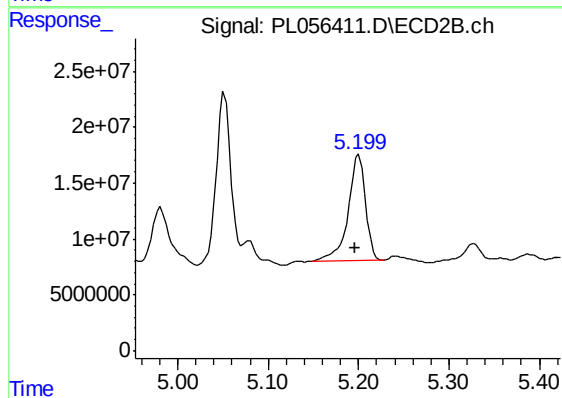
#3 gamma-BHC (Lindane)

R.T.: 4.691 min
Delta R.T.: 0.002 min
Response: 27897270
Conc: 6.80 ng/ml m



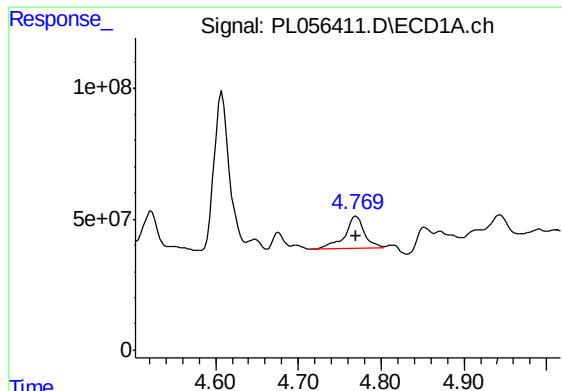
#4 Heptachlor

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 132077123
Conc: 8.23 ng/ml



#4 Heptachlor

R.T.: 5.200 min
Delta R.T.: 0.004 min
Response: 126341552
Conc: 35.31 ng/ml



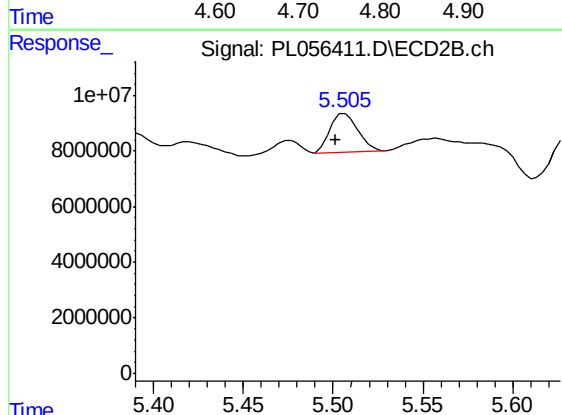
#5 Aldrin

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 203351336
Conc: 12.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

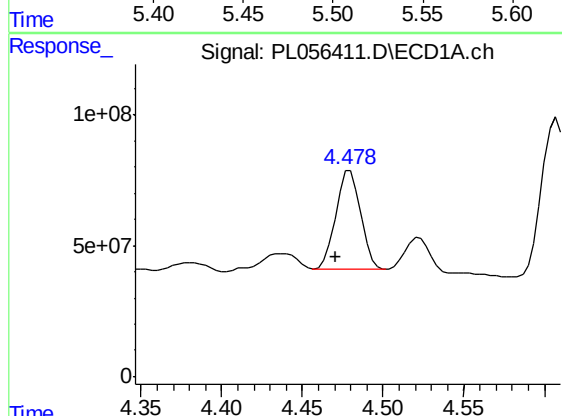
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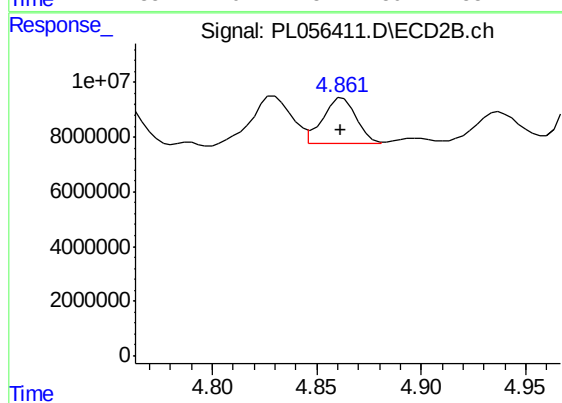
#5 Aldrin

R.T.: 5.507 min
Delta R.T.: 0.005 min
Response: 15264511
Conc: 4.34 ng/ml



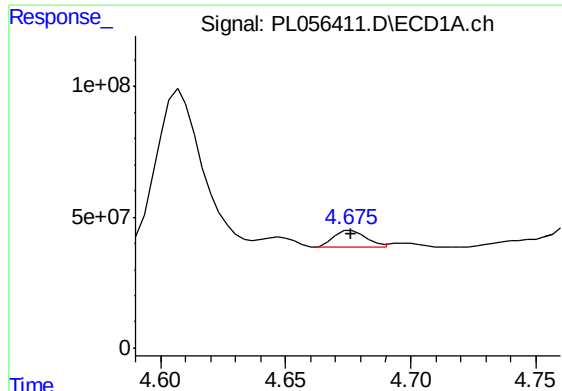
#6 beta-BHC

R.T.: 4.478 min
Delta R.T.: 0.008 min
Response: 407584421
Conc: 61.88 ng/ml m



#6 beta-BHC

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 18029549
Conc: 11.00 ng/ml m



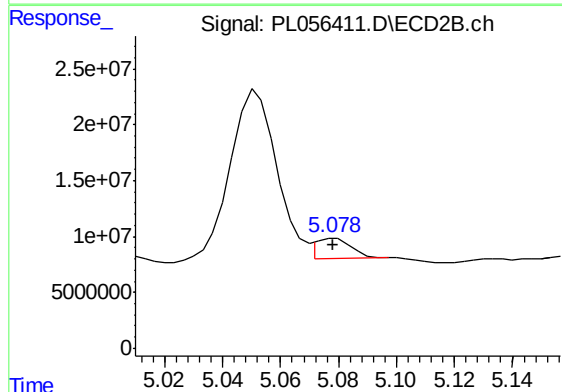
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: -0.001 min
Response: 60335592
Conc: 3.76 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MS

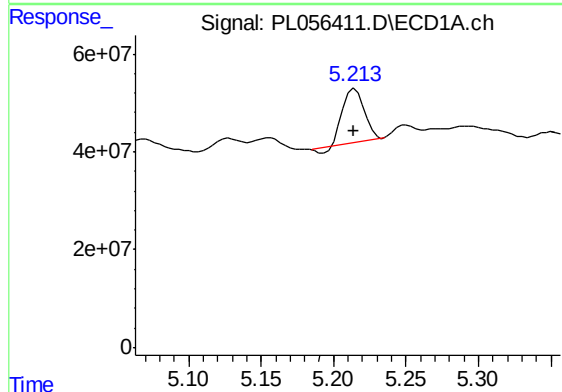
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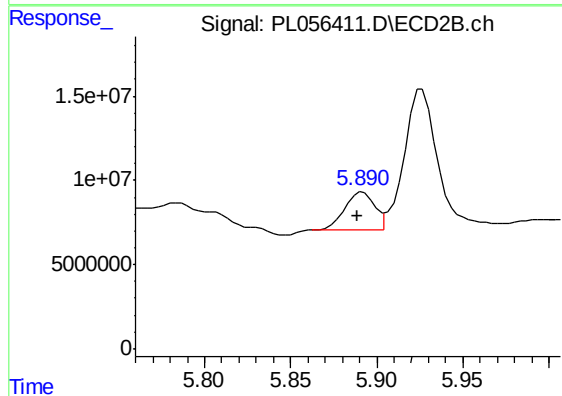
#7 delta-BHC

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 15430668
Conc: 4.81 ng/ml



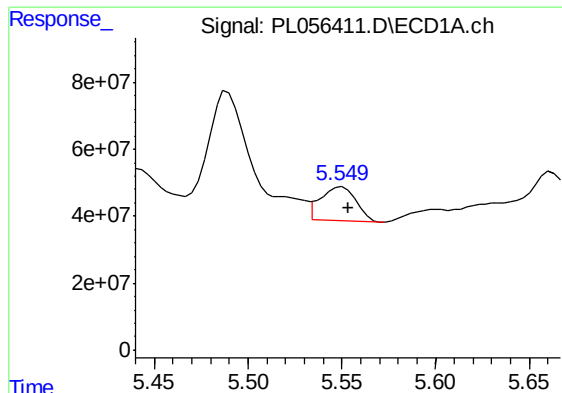
#8 Heptachlor epoxide

R.T.: 5.215 min
Delta R.T.: 0.001 min
Response: 109129272
Conc: 7.10 ng/ml



#8 Heptachlor epoxide

R.T.: 5.890 min
Delta R.T.: 0.002 min
Response: 28980357
Conc: 9.31 ng/ml m



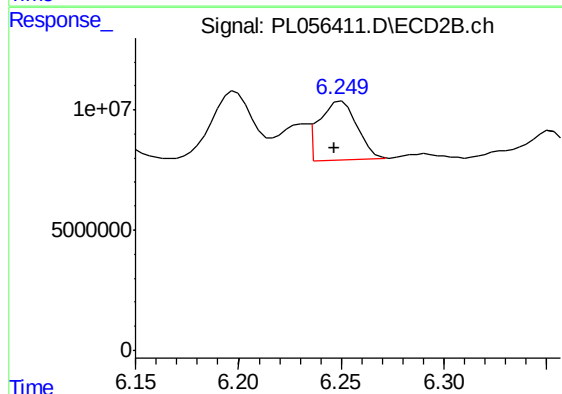
#9 Endosulfan I

R.T.: 5.550 min
Delta R.T.: -0.003 min
Response: 131942710
Conc: 9.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

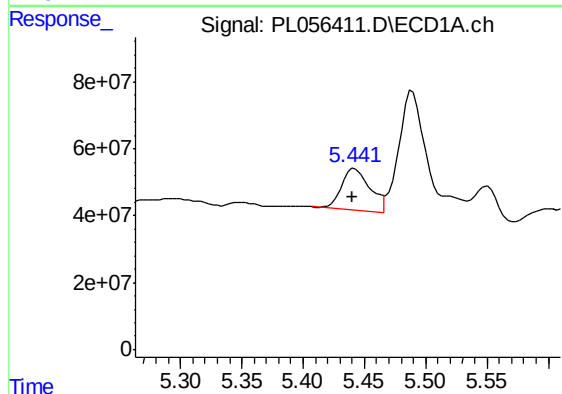
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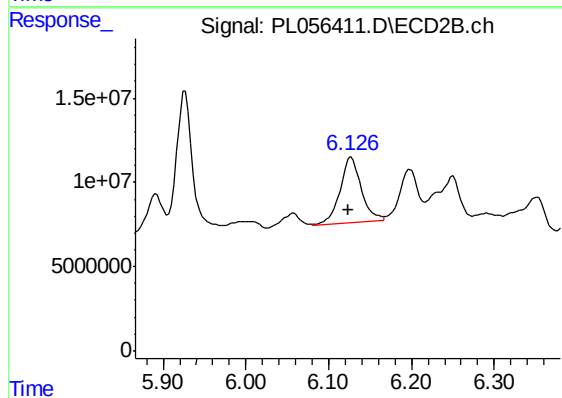
#9 Endosulfan I

R.T.: 6.249 min
Delta R.T.: 0.002 min
Response: 30562133
Conc: 10.21 ng/ml m



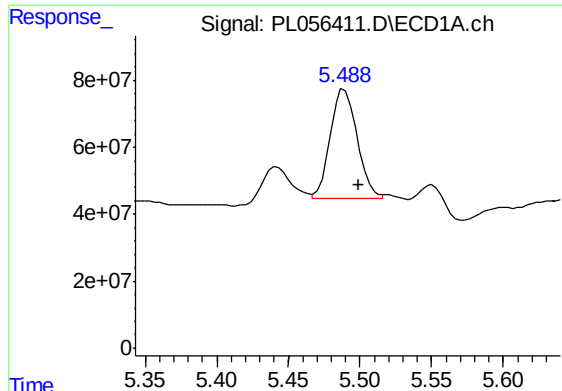
#10 gamma-Chlordane

R.T.: 5.442 min
Delta R.T.: 0.001 min
Response: 198791905
Conc: 12.68 ng/ml



#10 gamma-Chlordane

R.T.: 6.128 min
Delta R.T.: 0.004 min
Response: 70268519
Conc: 22.10 ng/ml



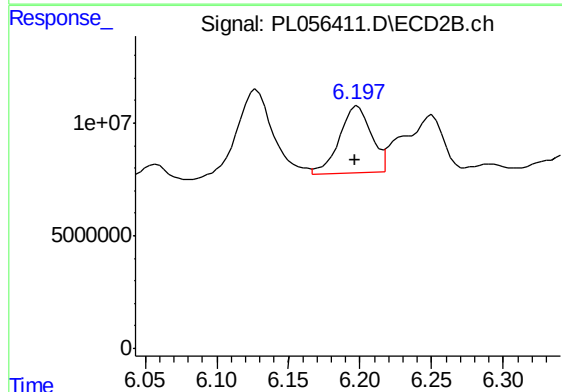
#11 alpha-Chlordane

R.T.: 5.488 min
Delta R.T.: -0.011 min
Response: 425805494
Conc: 27.68 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MS

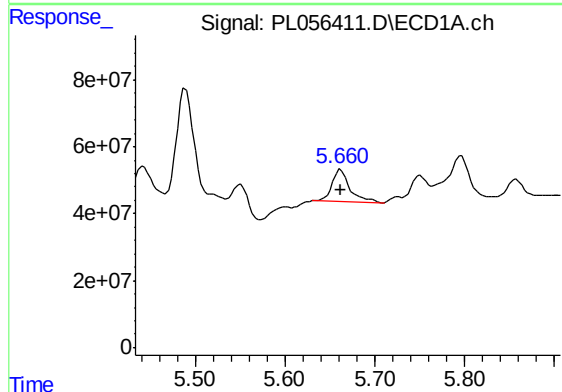
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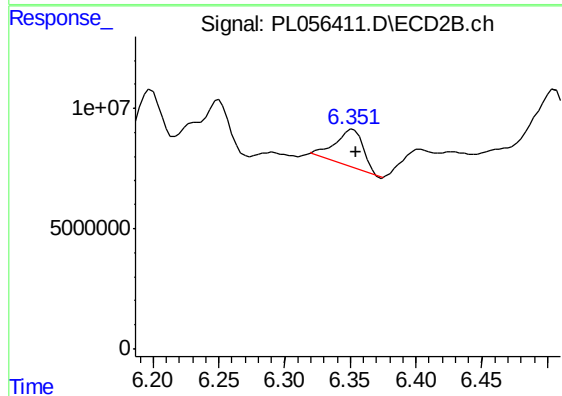
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 45567465
Conc: 14.38 ng/ml



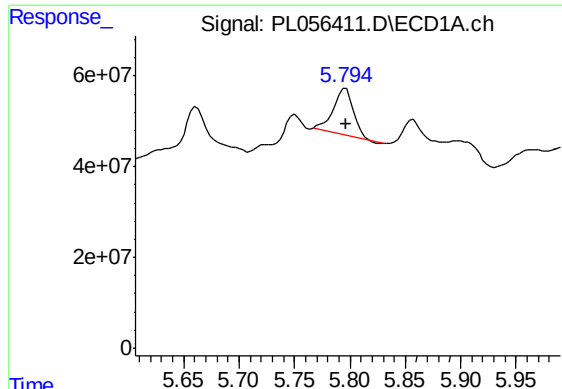
#12 4,4'-DDE

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 133710483
Conc: 9.23 ng/ml



#12 4,4'-DDE

R.T.: 6.352 min
Delta R.T.: -0.003 min
Response: 23074016
Conc: 7.70 ng/ml



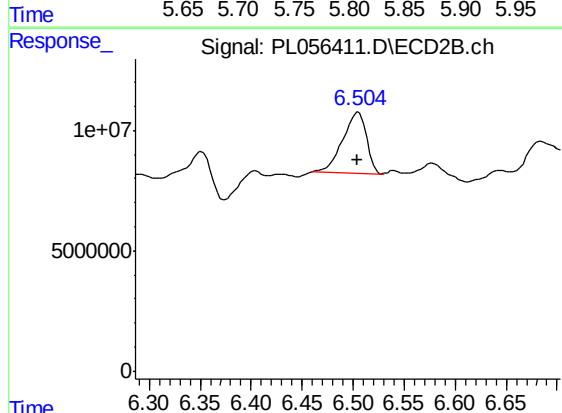
#13 Dieldrin

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 135653560
Conc: 8.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

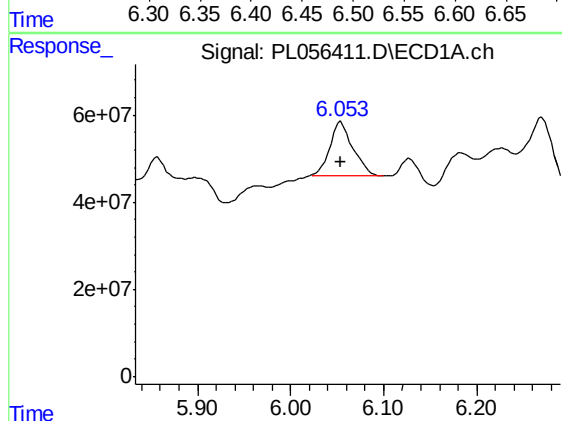
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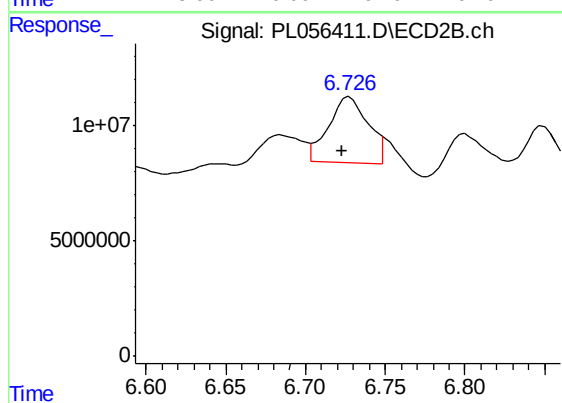
#13 Dieldrin

R.T.: 6.506 min
Delta R.T.: 0.001 min
Response: 41028802
Conc: 13.22 ng/ml



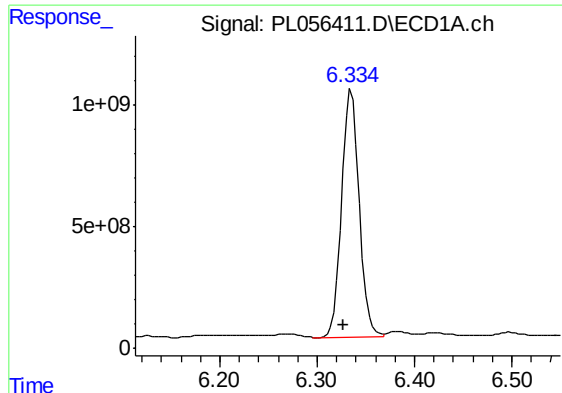
#14 Endrin

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 209952464
Conc: 14.94 ng/ml



#14 Endrin

R.T.: 6.726 min
Delta R.T.: 0.003 min
Response: 46163154
Conc: 17.61 ng/ml m



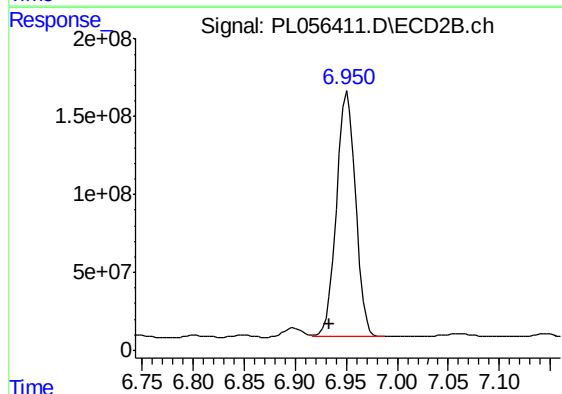
#15 Endosulfan II

R.T.: 6.335 min
Delta R.T.: 0.009 min
Response: 12800493197
Conc: 978.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

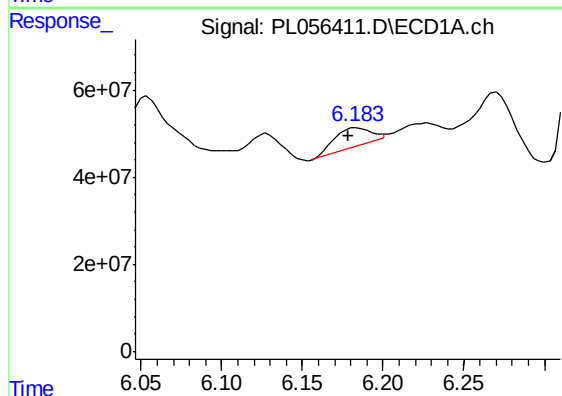
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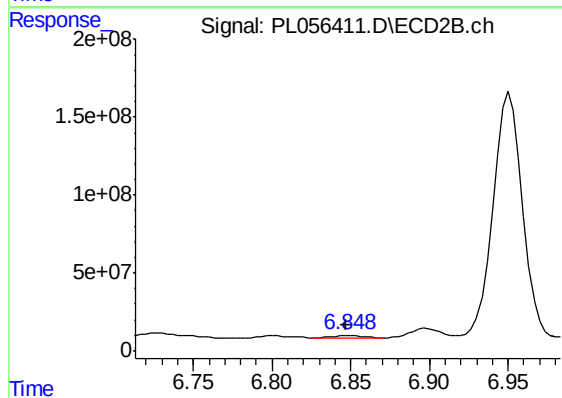
#15 Endosulfan II

R.T.: 6.950 min
Delta R.T.: 0.016 min
Response: 2036107657
Conc: 756.33 ng/ml m



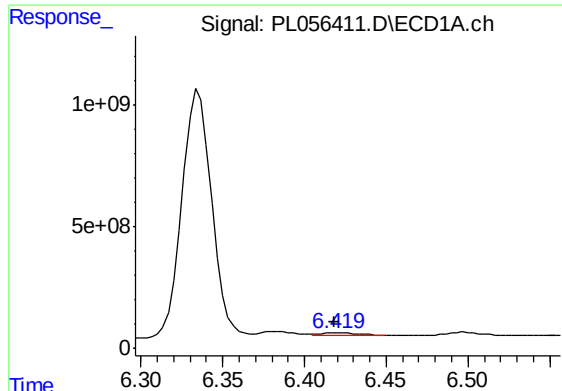
#16 4,4'-DDD

R.T.: 6.183 min
Delta R.T.: 0.004 min
Response: 70521677
Conc: 6.56 ng/ml m



#16 4,4'-DDD

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 18106273
Conc: 7.67 ng/ml m



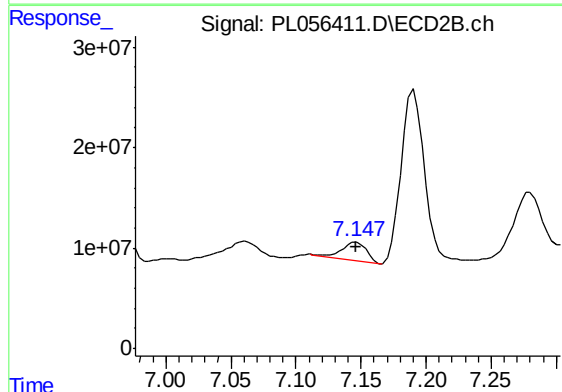
#17 4,4'-DDT

R.T.: 6.420 min
Delta R.T.: 0.002 min
Response: 166222201
Conc: 15.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

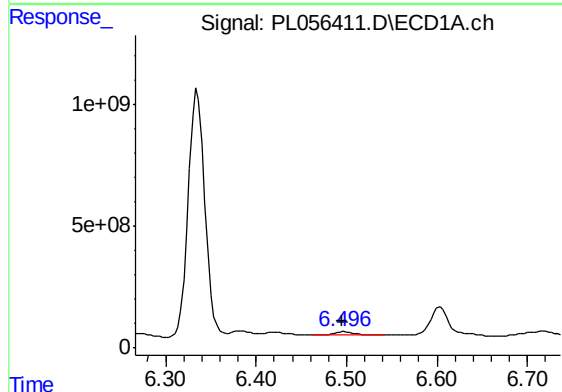
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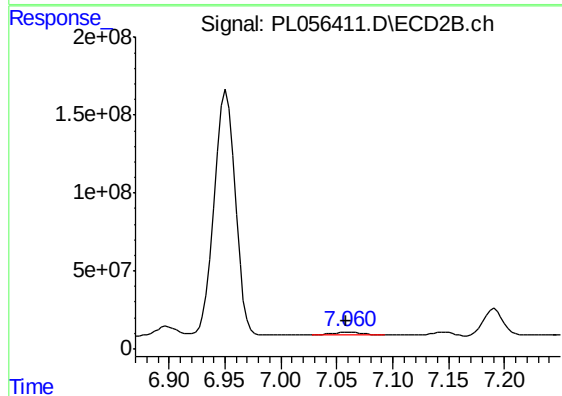
#17 4,4'-DDT

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 23372006
Conc: 10.18 ng/ml



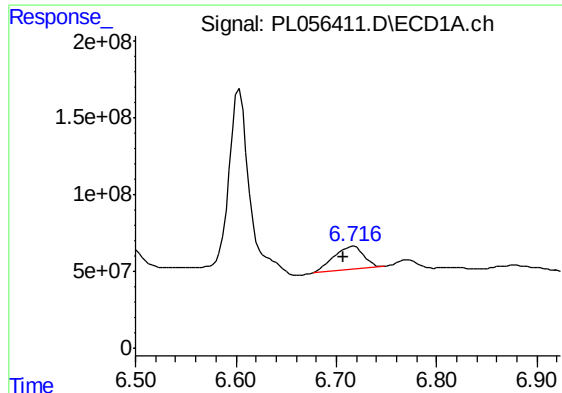
#18 Endrin aldehyde

R.T.: 6.497 min
Delta R.T.: 0.002 min
Response: 163131936
Conc: 14.91 ng/ml



#18 Endrin aldehyde

R.T.: 7.061 min
Delta R.T.: 0.003 min
Response: 26003300
Conc: 11.45 ng/ml



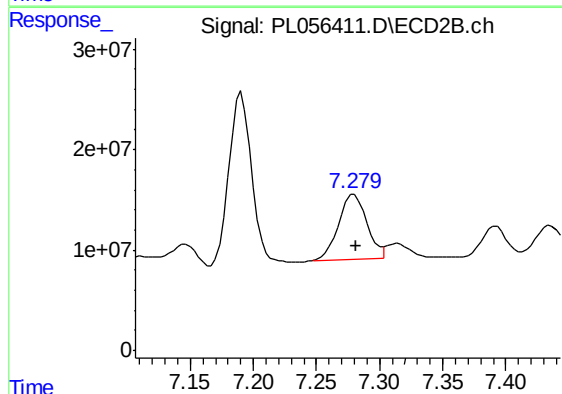
#19 Endosulfan Sulfate

R.T.: 6.717 min
Delta R.T.: 0.009 min
Response: 316687213
Conc: 26.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

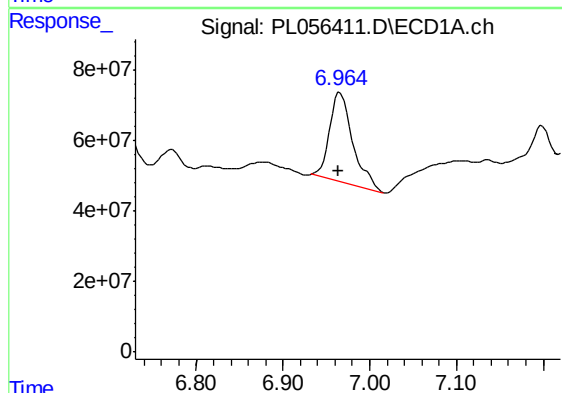
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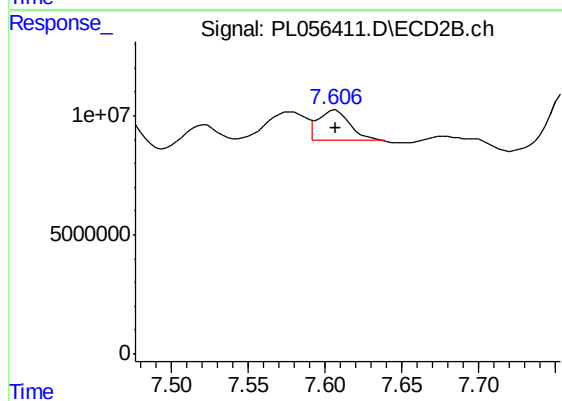
#19 Endosulfan Sulfate

R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 99642989
Conc: 39.37 ng/ml



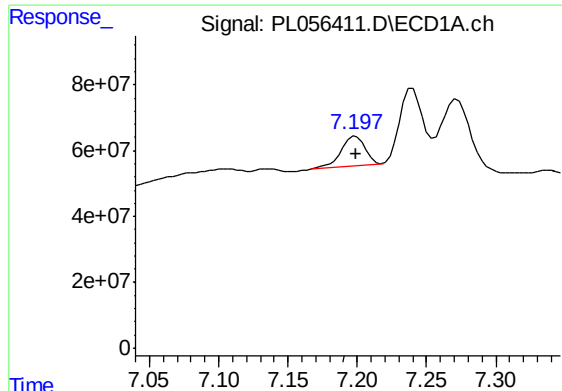
#20 Methoxychlor

R.T.: 6.966 min
Delta R.T.: 0.003 min
Response: 466325893
Conc: 87.78 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 18036015
Conc: 14.71 ng/ml m



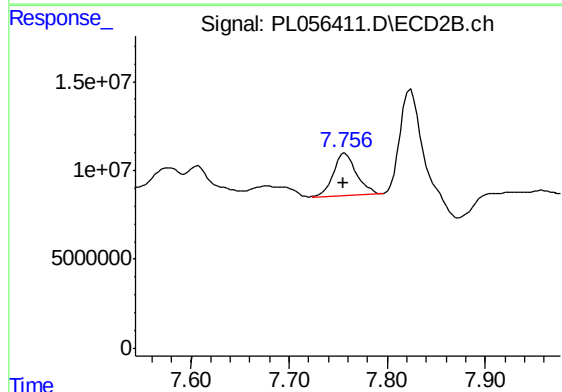
#21 Endrin ketone

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 111768738
Conc: 8.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

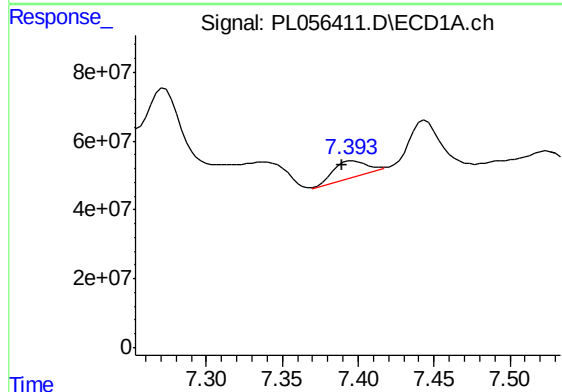
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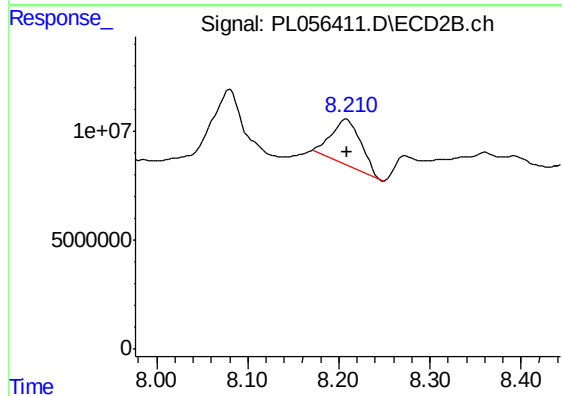
#21 Endrin ketone

R.T.: 7.757 min
Delta R.T.: 0.002 min
Response: 38513940
Conc: 14.44 ng/ml



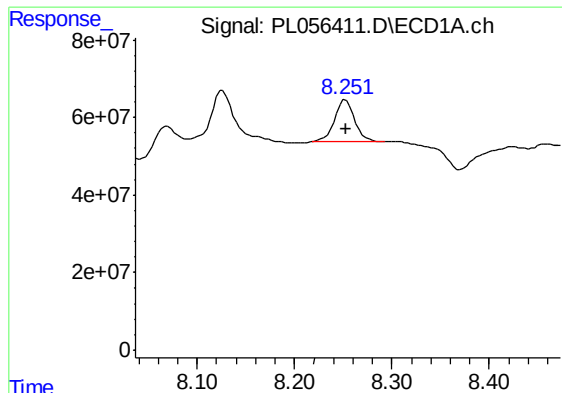
#22 Mirex

R.T.: 7.393 min
Delta R.T.: 0.004 min
Response: 76595488
Conc: 8.29 ng/ml m



#22 Mirex

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 47890465
Conc: 26.34 ng/ml



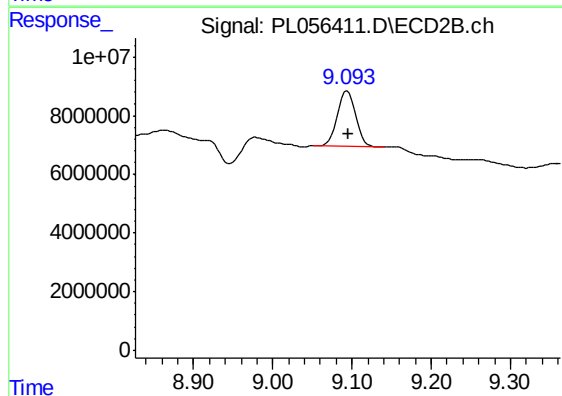
#28 Decachlorobiphenyl

R.T.: 8.253 min
Delta R.T.: 0.000 min
Response: 158650190
Conc: 15.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

Manual Integrations
APPROVED

mohammad
2/11/2020 11:07:00 AM



#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: -0.002 min
Response: 31510925
Conc: 13.93 ng/ml