

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121919\
 Data File : PL055117.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2019 12:38
 Operator : SG\AJ
 Sample : K6284-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 42-SPRUCMS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 03:55:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 18 14:58:42 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...	3.535	4.048	216.5E6	60174896	18.613	23.581 #
28)	SA Decachlor...	8.313	9.146	197.0E6	49587349	20.572	20.684
Target Compounds							
2)	A alpha-BHC	3.978	4.439	797.2E6	199.4E6	41.995	56.278 #
3)	MA gamma-BHC...	4.264	4.725	723.1E6	192.2E6	42.420	58.961 #
4)	MA Heptachlor	4.570	5.234	885.1E6	168.4E6	50.196	55.790
5)	MB Aldrin	4.821	5.533	835.3E6	376.6E6	51.244	135.149 #
6)	B beta-BHC	4.515	4.896	328.4E6	72704813	44.272	51.629
7)	B delta-BHC	4.723	5.114	527.3E6	140.4E6	32.438	52.673 #
8)	B Heptachlo...	5.266	5.926	5065.8E6	1316.5E6	334.902	526.995 #
9)	A Endosulfan I	5.603	6.283	350.5E6	181.4E6	25.700m	73.337 #
10)	B gamma-Chl...	5.497	6.161	10694.0E6	3909.1E6	705.213	1483.883 #
11)	B alpha-Chl...	5.553	6.235	16708.6E6	5436.4E6	1133.102	2070.500 #
12)	B 4,4'-DDE	5.715	6.389	593.8E6	147.2E6	44.632	59.483 #
13)	MA Dieldrin	5.851	6.541	708.8E6	134.9E6	49.981	52.996
14)	MA Endrin	6.108	6.759	921.9E6	113.6E6	72.398	51.297m#
15)	B Endosulfa...	6.393	6.971	4697.2E6	254.6E6	388.194	108.285 #
16)	A 4,4'-DDD	6.232	6.884	500.7E6	100.2E6	51.267m	52.164
17)	MA 4,4'-DDT	6.476	7.179	663.3E6	172.8E6	63.312	87.230 #
18)	B Endrin al...	6.548	7.094	438.8E6	155.5E6	44.310m	79.309 #
19)	B Endosulfa...	6.763	7.318	526.4E6	155.9E6	49.157m	73.501 #
20)	A Methoxychlor	7.018	7.641	233.1E6	55717018	46.511	48.845
21)	B Endrin ke...	7.256	7.792	473.9E6	141.2E6	43.602m	62.725 #
22)	Mirex	7.449	8.248	328.3E6	82602046	40.433	47.793m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121919\
Data File : PL055117.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Dec 2019 12:38
Operator : SG\AJ
Sample : K6284-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

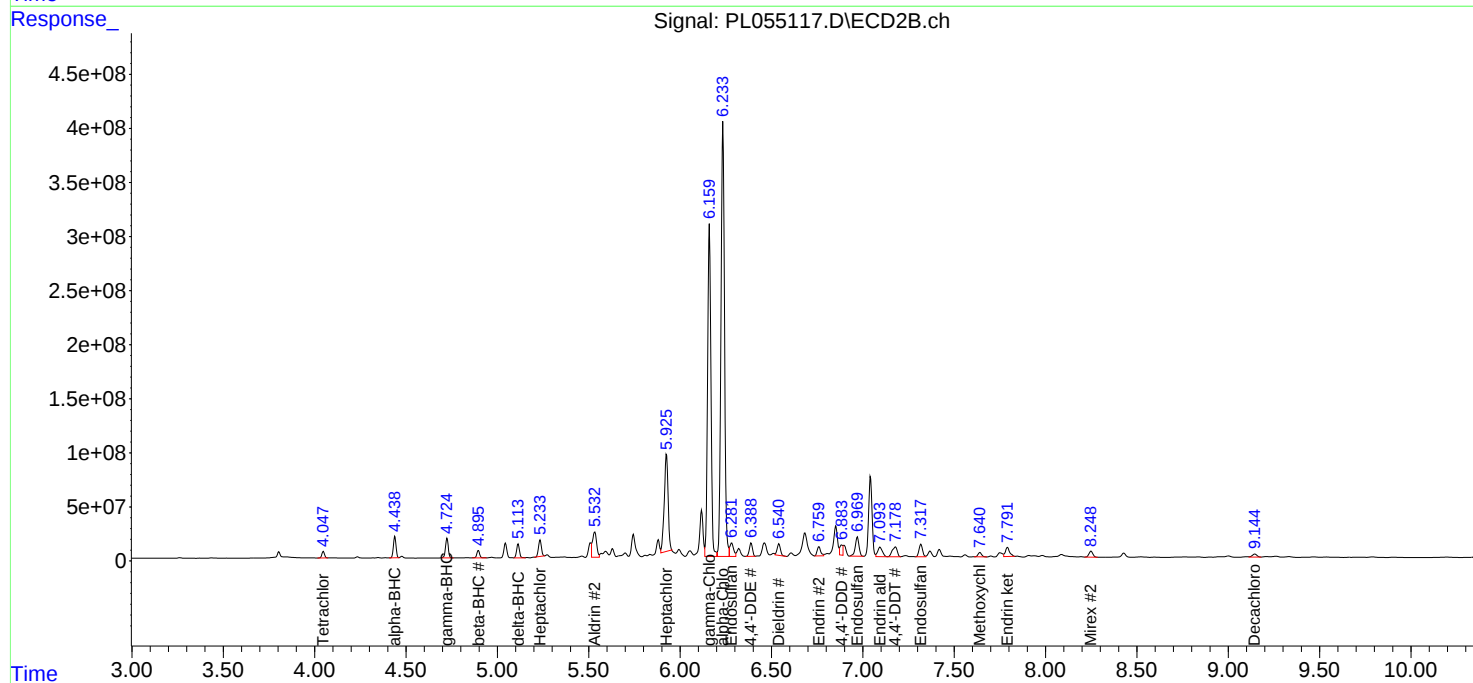
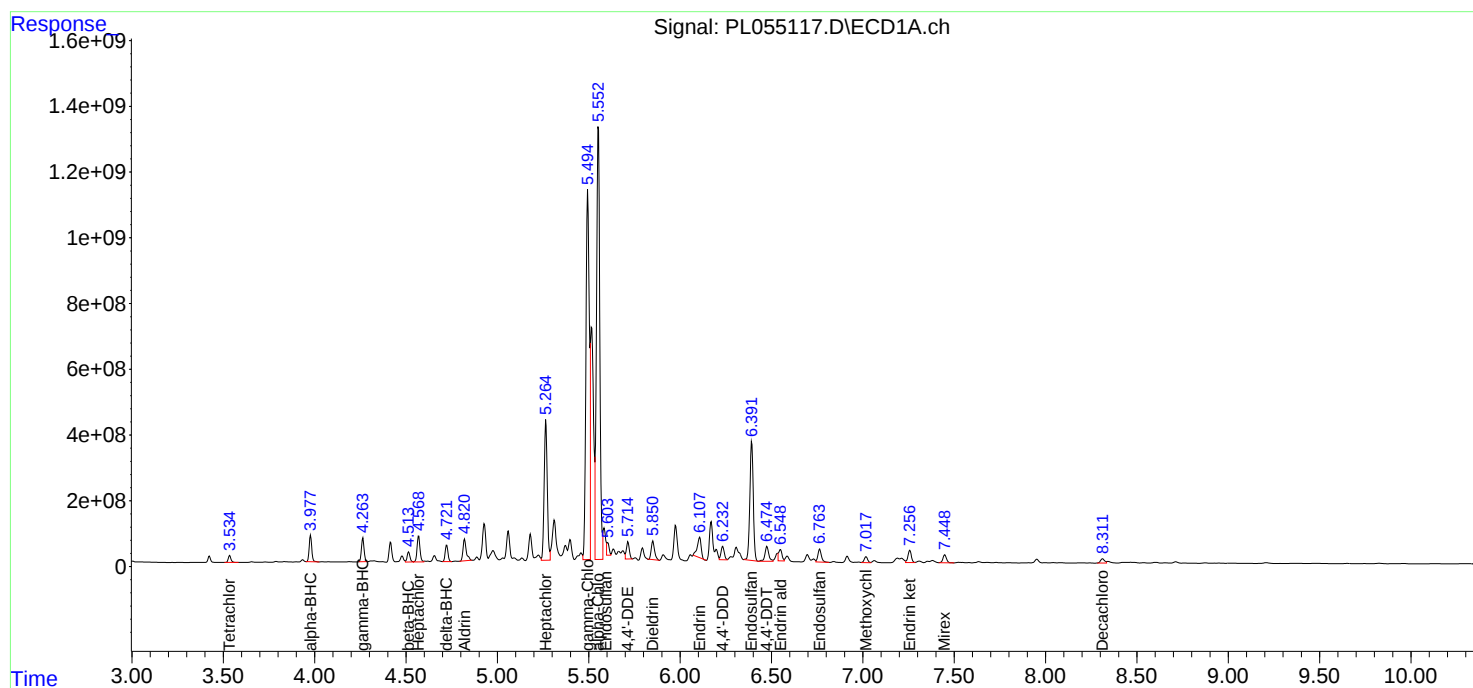
Instrument :
ECD_L
ClientSampled :
42-SPRUCEMS

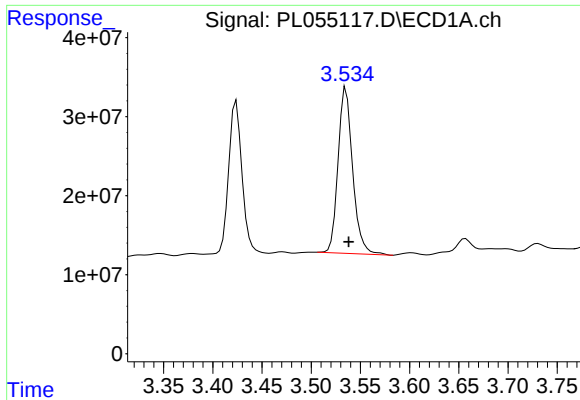
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 20 03:55:19 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
Quant Title : GC Extractables
QLast Update : Wed Dec 18 14:58:42 2019
Response 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





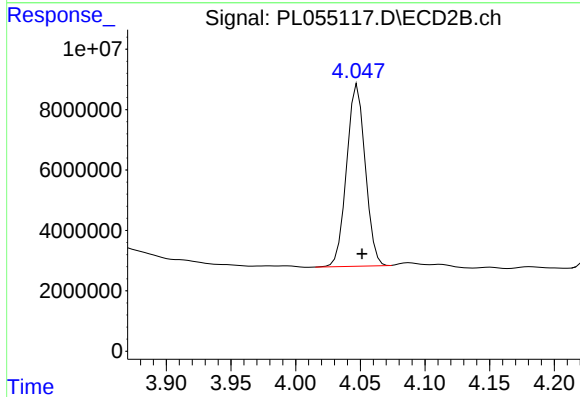
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 216542547
Conc: 18.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMS

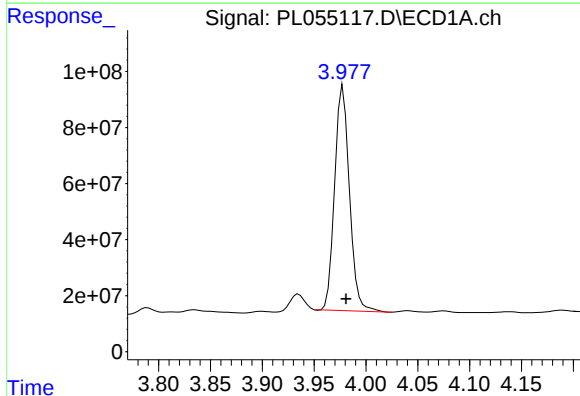
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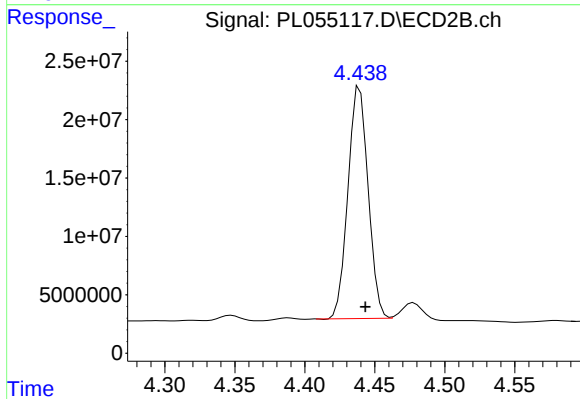
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 60174896
Conc: 23.58 ng/ml



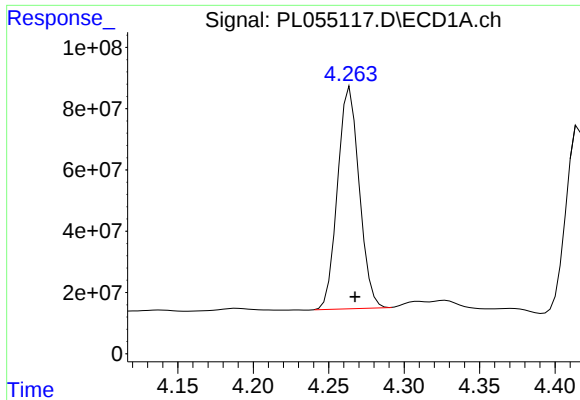
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.003 min
Response: 797229924
Conc: 41.99 ng/ml



#2 alpha-BHC

R.T.: 4.439 min
Delta R.T.: -0.004 min
Response: 199377879
Conc: 56.28 ng/ml



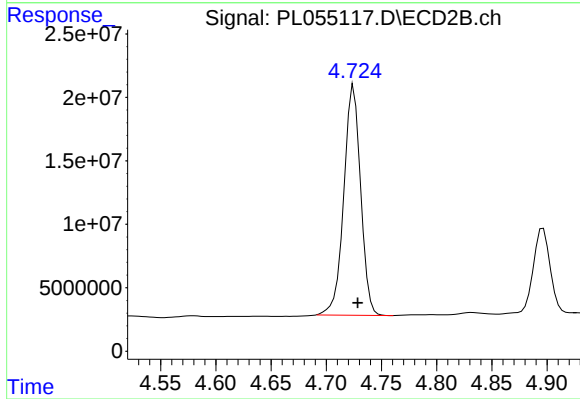
#3 gamma-BHC (Lindane)

R.T.: 4.264 min
Delta R.T.: -0.003 min
Response: 723081766
Conc: 42.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMS

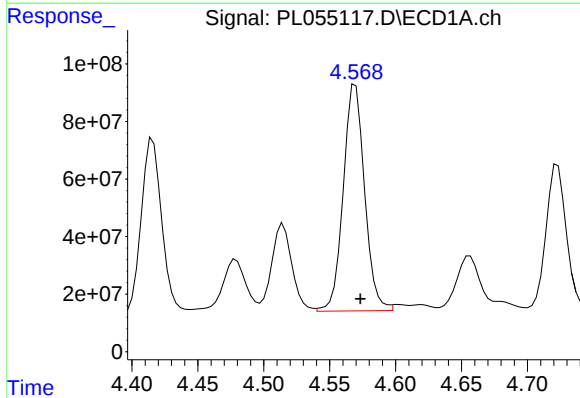
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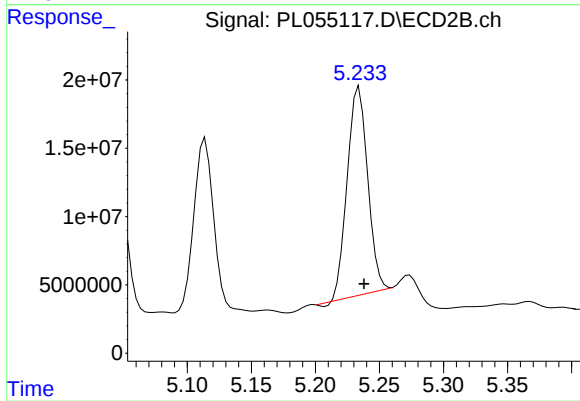
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: -0.003 min
Response: 192244467
Conc: 58.96 ng/ml



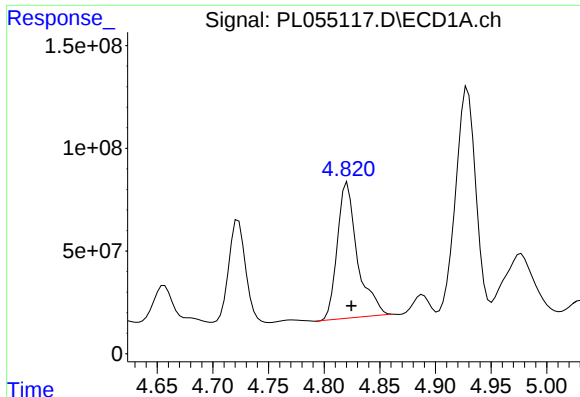
#4 Heptachlor

R.T.: 4.570 min
Delta R.T.: -0.004 min
Response: 885133331
Conc: 50.20 ng/ml



#4 Heptachlor

R.T.: 5.234 min
Delta R.T.: -0.004 min
Response: 168373019
Conc: 55.79 ng/ml



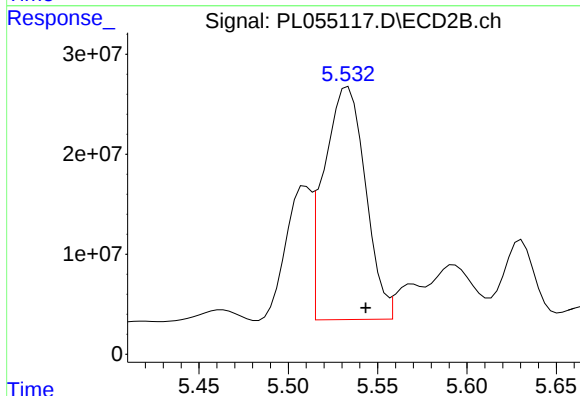
#5 Aldrin

R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 835277217
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMS

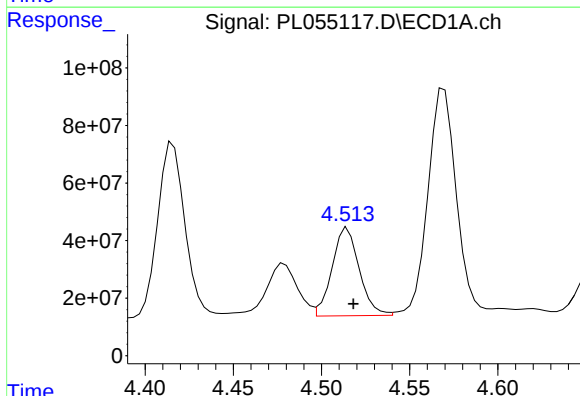
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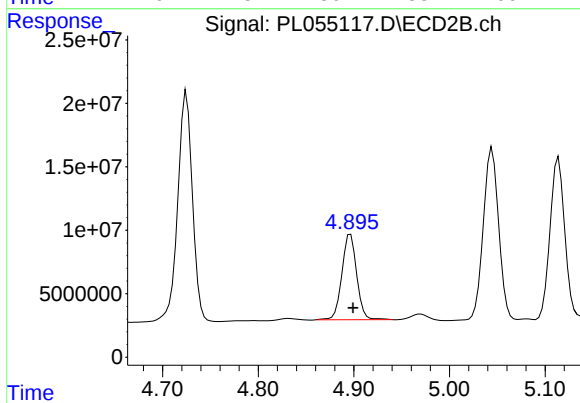
#5 Aldrin

R.T.: 5.533 min
Delta R.T.: -0.010 min
Response: 376589991
Conc: 135.15 ng/ml



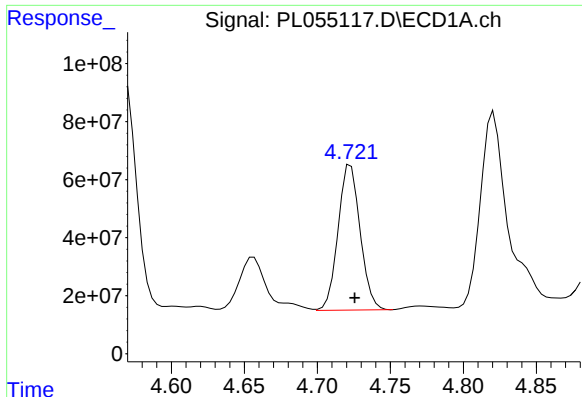
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.003 min
Response: 328361784
Conc: 44.27 ng/ml



#6 beta-BHC

R.T.: 4.896 min
Delta R.T.: -0.003 min
Response: 72704813
Conc: 51.63 ng/ml



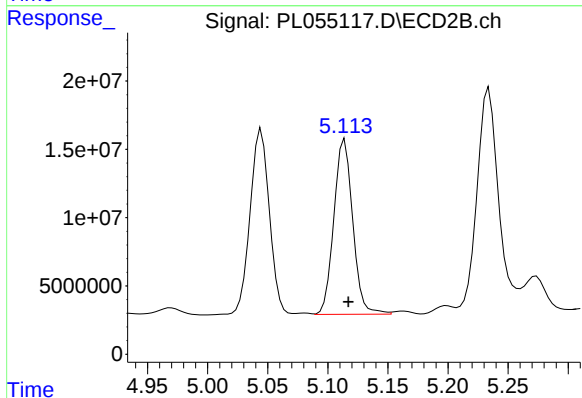
#7 delta-BHC

R.T.: 4.723 min
Delta R.T.: -0.003 min
Response: 527285855
Conc: 32.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMS

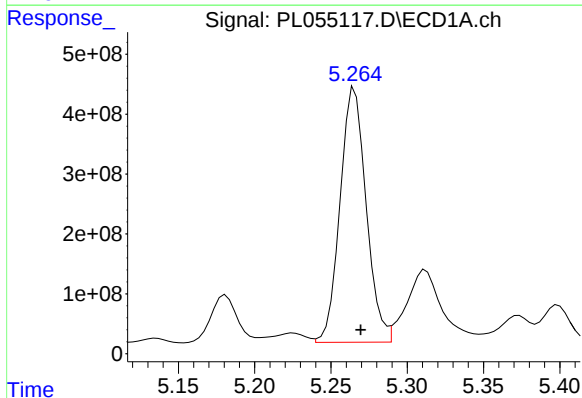
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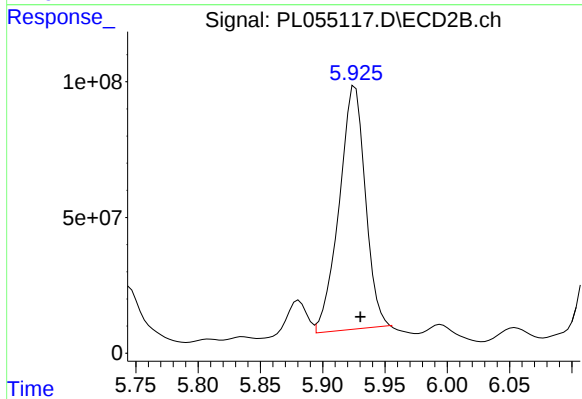
#7 delta-BHC

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 140437505
Conc: 52.67 ng/ml



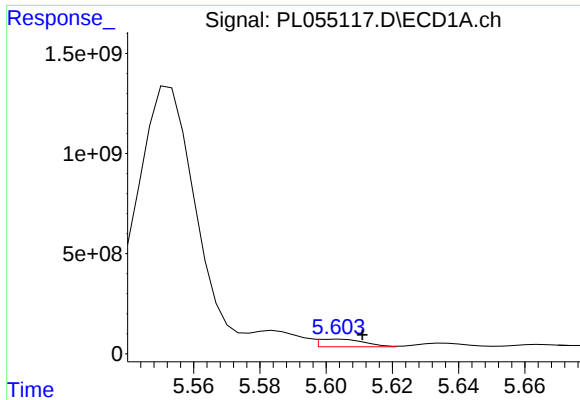
#8 Heptachlor epoxide

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 5065793732
Conc: 334.90 ng/ml



#8 Heptachlor epoxide

R.T.: 5.926 min
Delta R.T.: -0.004 min
Response: 1316533858
Conc: 527.00 ng/ml



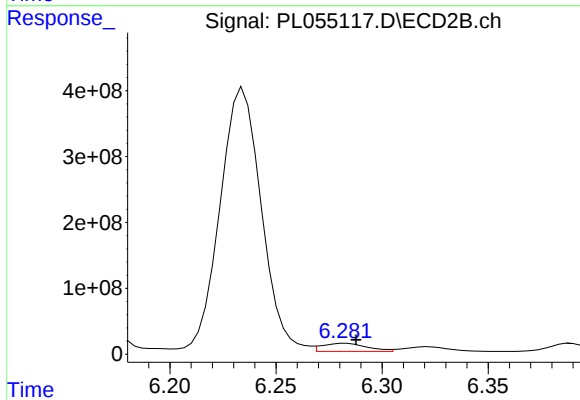
#9 Endosulfan I

R.T.: 5.603 min
Delta R.T.: -0.008 min
Response: 350465580
Conc: 25.70 ng/ml m

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMS

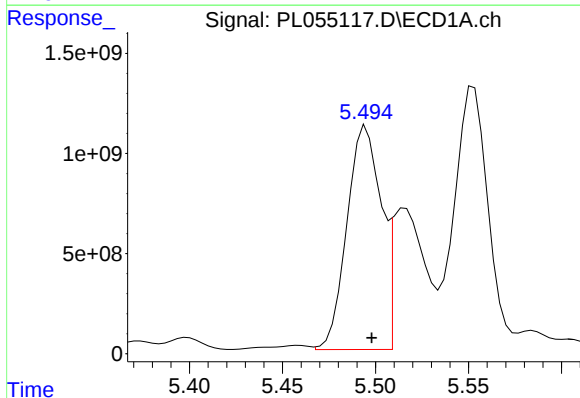
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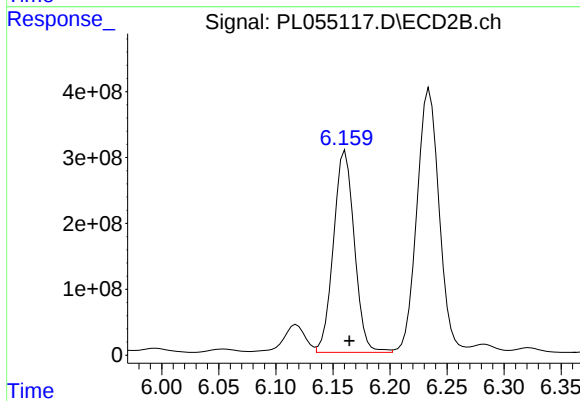
#9 Endosulfan I

R.T.: 6.283 min
Delta R.T.: -0.005 min
Response: 181401280
Conc: 73.34 ng/ml



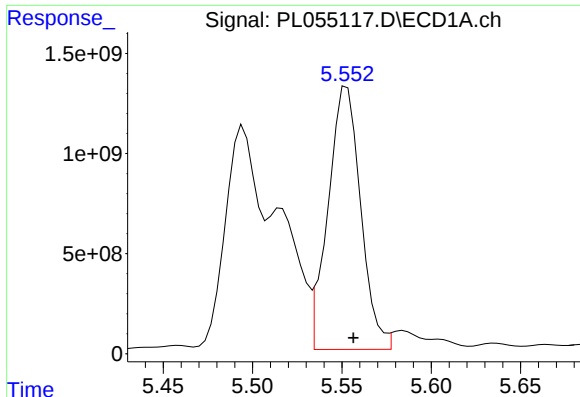
#10 gamma-Chlordane

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 10693991141
Conc: 705.21 ng/ml



#10 gamma-Chlordane

R.T.: 6.161 min
Delta R.T.: -0.003 min
Response: 3909092973
Conc: 1483.88 ng/ml



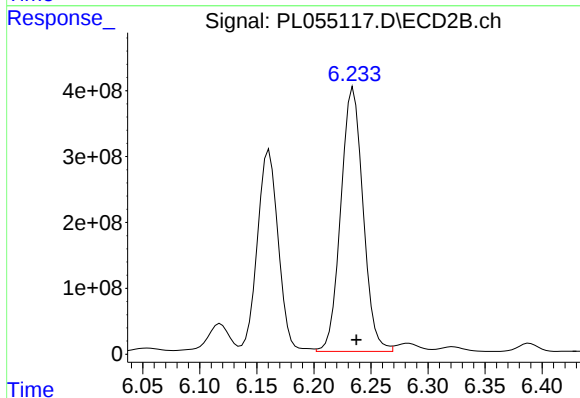
#11 alpha-Chlordane

R.T.: 5.553 min
Delta R.T.: -0.004 min
Response: 16708556768
Conc: 1133.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMS

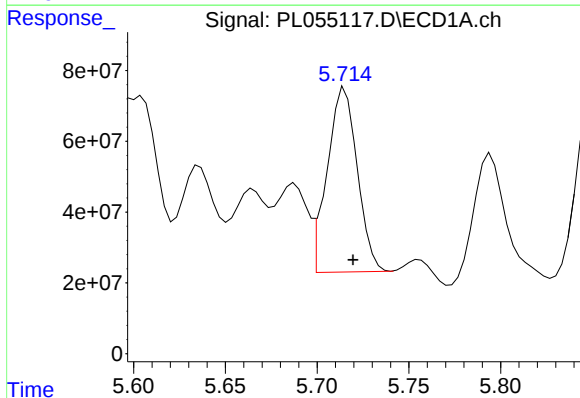
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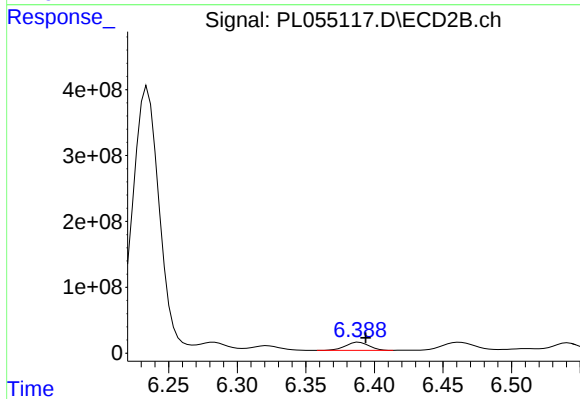
#11 alpha-Chlordane

R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 5436444201
Conc: 2070.50 ng/ml



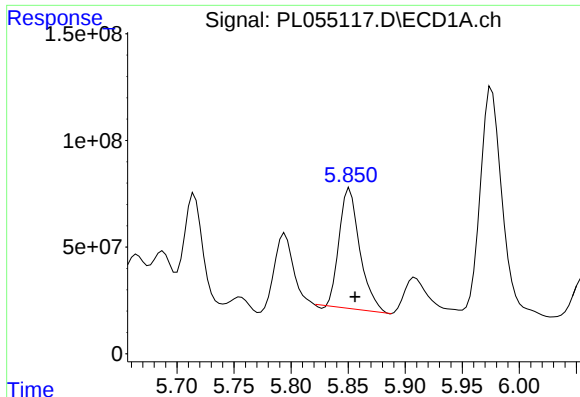
#12 4,4'-DDE

R.T.: 5.715 min
Delta R.T.: -0.004 min
Response: 593818248
Conc: 44.63 ng/ml



#12 4,4'-DDE

R.T.: 6.389 min
Delta R.T.: -0.005 min
Response: 147244917
Conc: 59.48 ng/ml



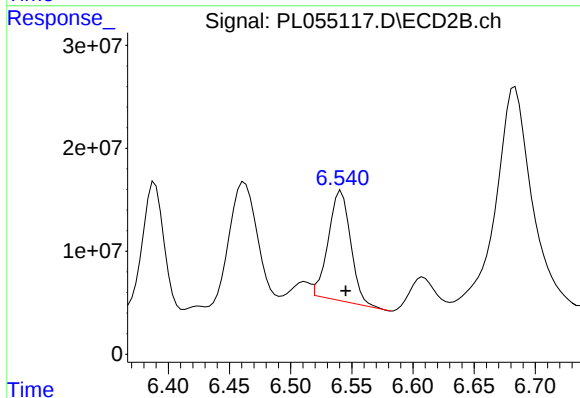
#13 Dieldrin

R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 708770994
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMS

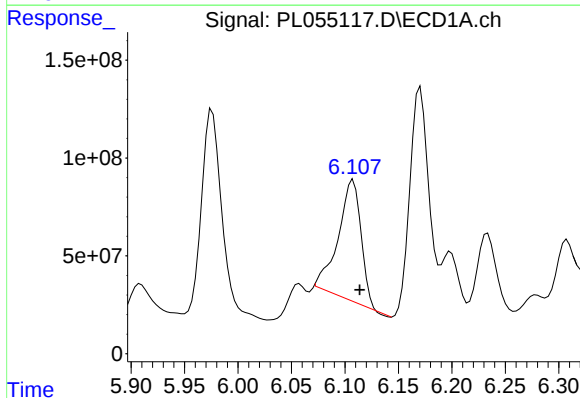
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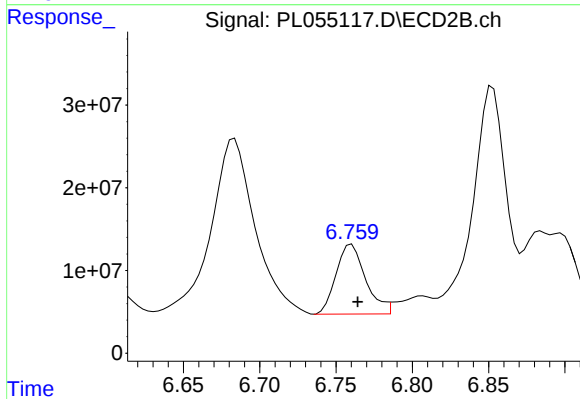
#13 Dieldrin

R.T.: 6.541 min
Delta R.T.: -0.004 min
Response: 134892083
Conc: 53.00 ng/ml



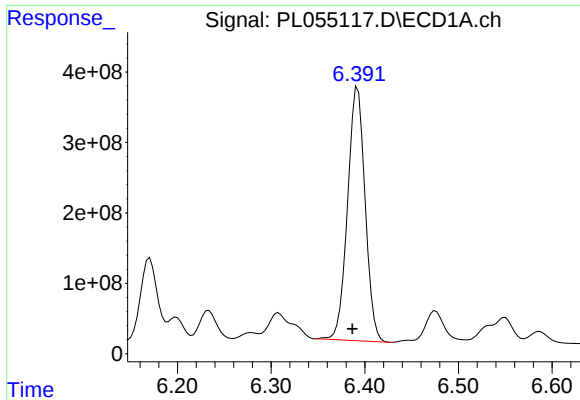
#14 Endrin

R.T.: 6.108 min
Delta R.T.: -0.006 min
Response: 921893164
Conc: 72.40 ng/ml



#14 Endrin

R.T.: 6.759 min
Delta R.T.: -0.005 min
Response: 113643907
Conc: 51.30 ng/ml m



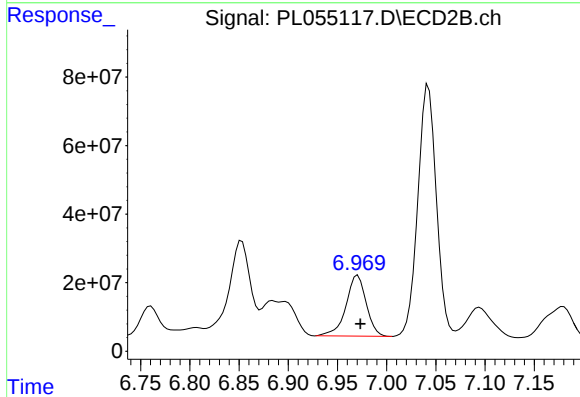
#15 Endosulfan II

R.T.: 6.393 min
Delta R.T.: 0.006 min
Response: 4697193325
Conc: 388.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMS

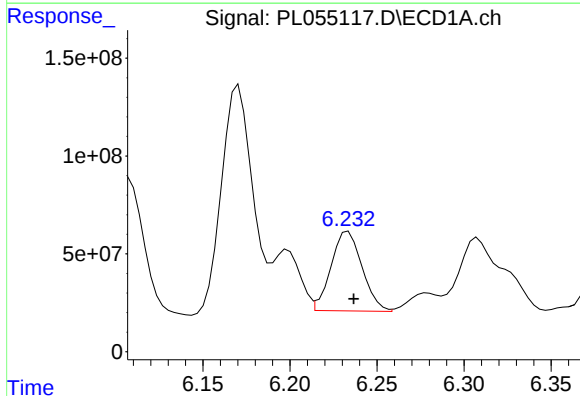
Manual Integrations
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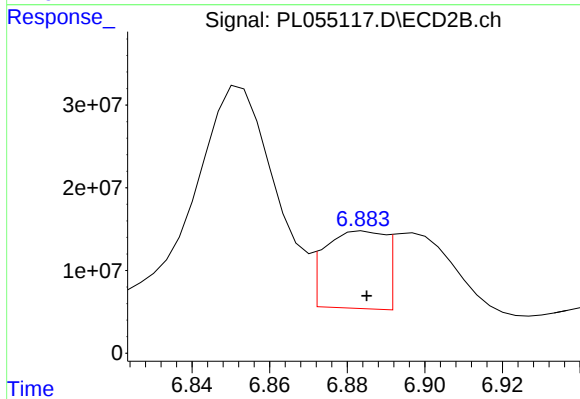
#15 Endosulfan II

R.T.: 6.971 min
Delta R.T.: -0.003 min
Response: 254577247
Conc: 108.29 ng/ml



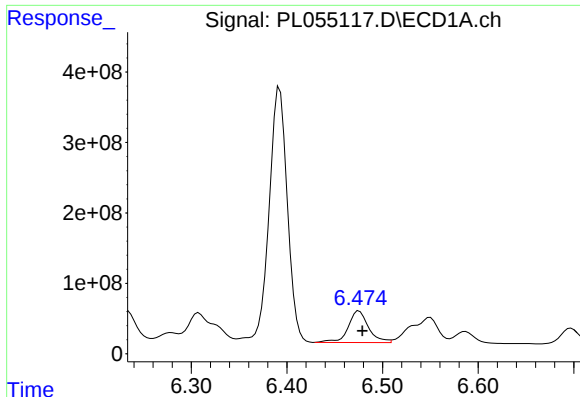
#16 4,4'-DDD

R.T.: 6.232 min
Delta R.T.: -0.005 min
Response: 500743375
Conc: 51.27 ng/ml m



#16 4,4'-DDD

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 100157777
Conc: 52.16 ng/ml



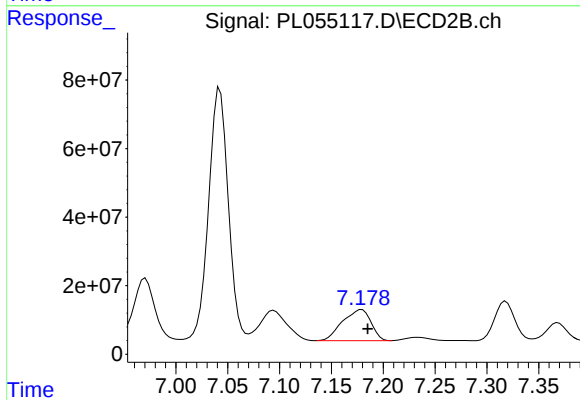
#17 4,4'-DDT

R.T.: 6.476 min
Delta R.T.: -0.003 min
Response: 663274346
Conc: 63.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMS

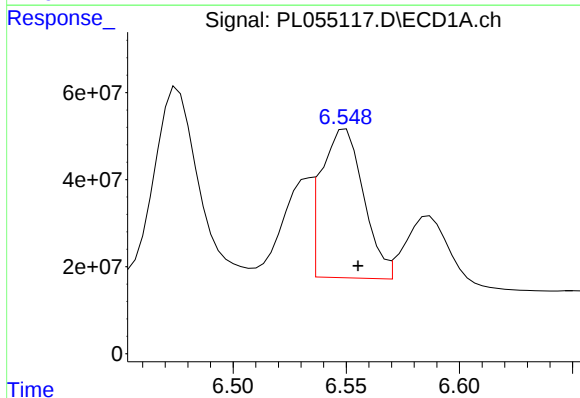
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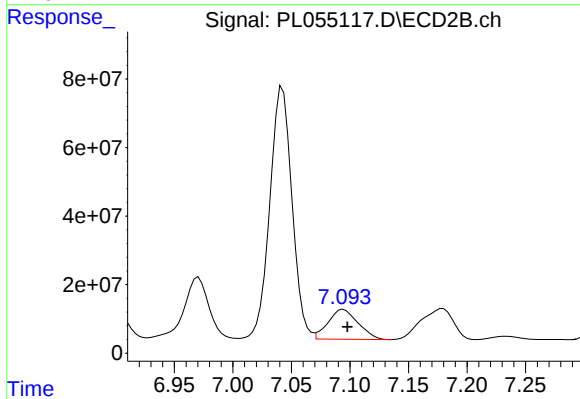
#17 4,4'-DDT

R.T.: 7.179 min
Delta R.T.: -0.006 min
Response: 172831145
Conc: 87.23 ng/ml



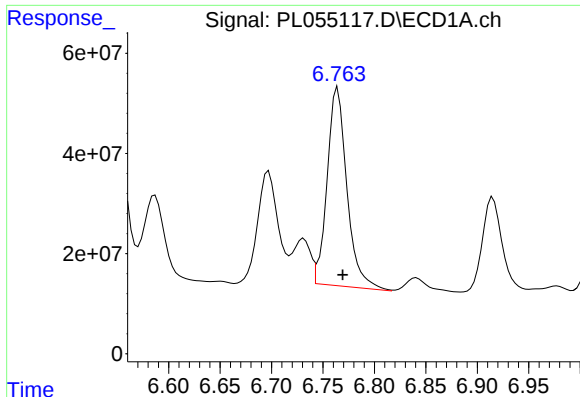
#18 Endrin aldehyde

R.T.: 6.548 min
Delta R.T.: -0.007 min
Response: 438798291
Conc: 44.31 ng/ml m



#18 Endrin aldehyde

R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 155461802
Conc: 79.31 ng/ml



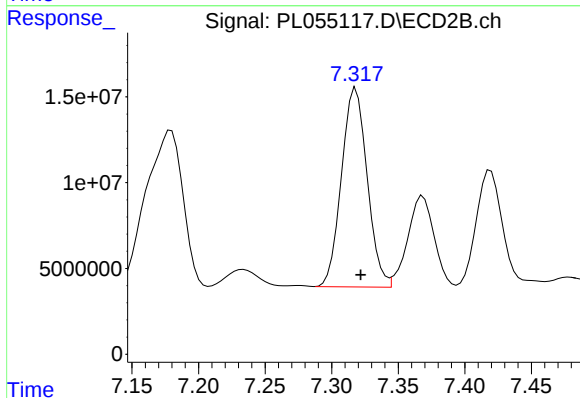
#19 Endosulfan Sulfate

R.T.: 6.763 min
Delta R.T.: -0.006 min
Response: 526412628
Conc: 49.16 ng/ml m

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMS

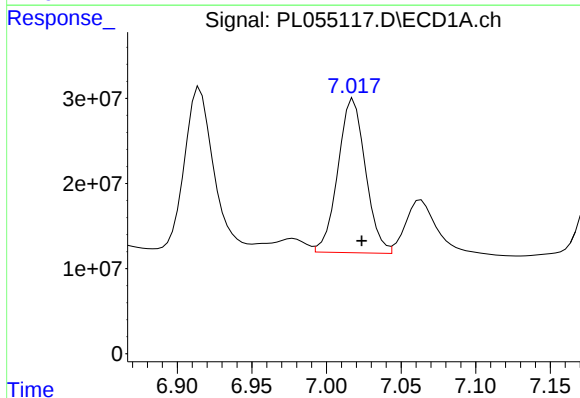
Manual Integrations
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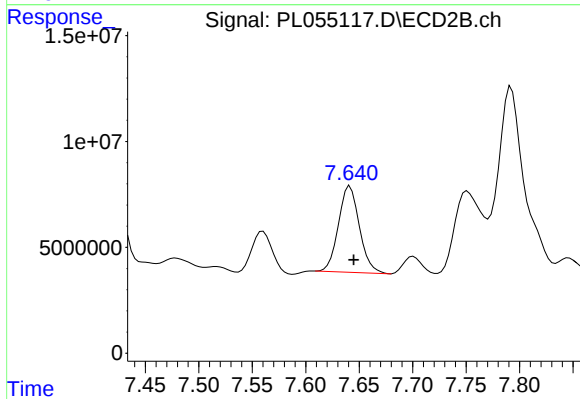
#19 Endosulfan Sulfate

R.T.: 7.318 min
Delta R.T.: -0.003 min
Response: 155859295
Conc: 73.50 ng/ml



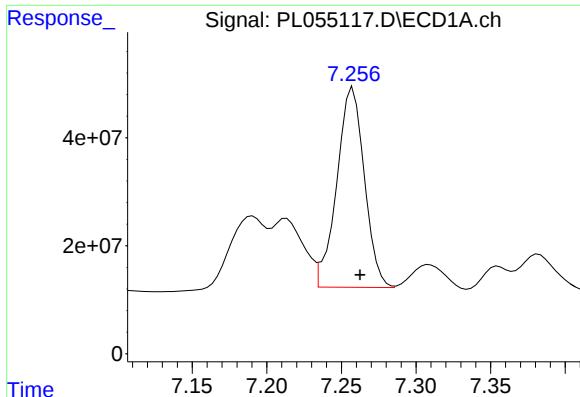
#20 Methoxychlor

R.T.: 7.018 min
Delta R.T.: -0.005 min
Response: 233104023
Conc: 46.51 ng/ml



#20 Methoxychlor

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 55717018
Conc: 48.85 ng/ml



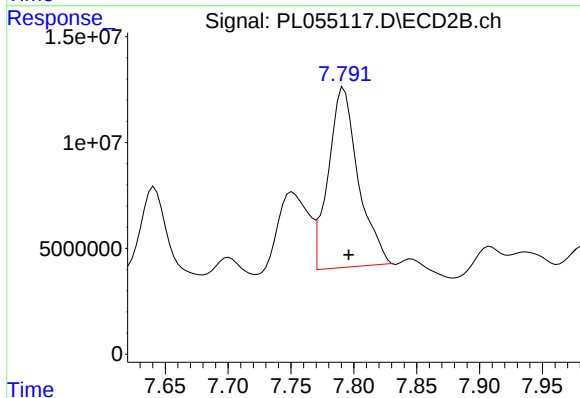
#21 Endrin ketone

R.T.: 7.256 min
Delta R.T.: -0.006 min
Response: 473911703
Conc: 43.60 ng/ml m

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMS

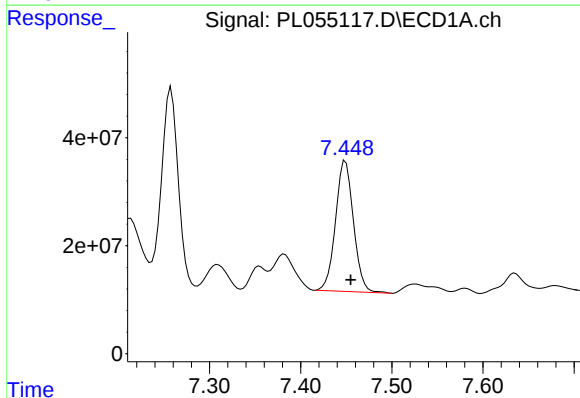
Manual Integrations
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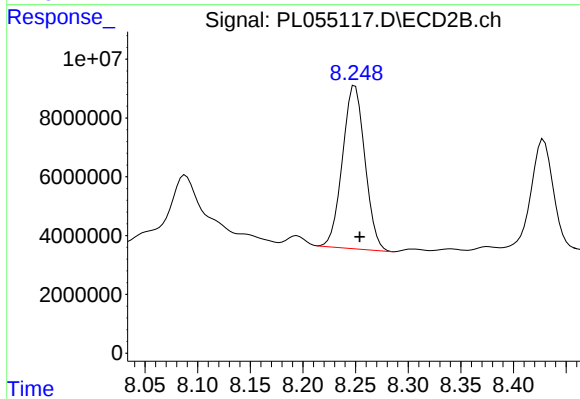
#21 Endrin ketone

R.T.: 7.792 min
Delta R.T.: -0.004 min
Response: 141187818
Conc: 62.72 ng/ml



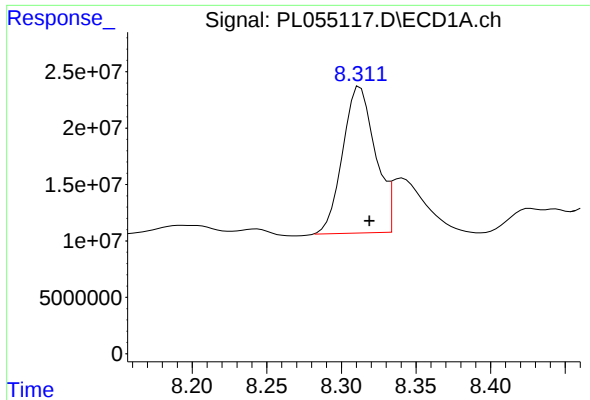
#22 Mirex

R.T.: 7.449 min
Delta R.T.: -0.006 min
Response: 328253658
Conc: 40.43 ng/ml



#22 Mirex

R.T.: 8.248 min
Delta R.T.: -0.006 min
Response: 82602046
Conc: 47.79 ng/ml m



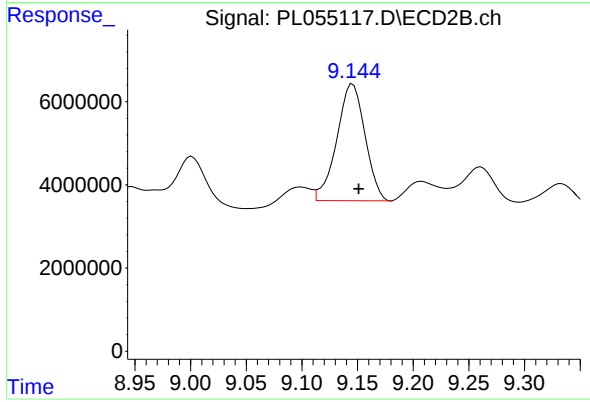
#28 Decachlorobiphenyl

R.T.: 8.313 min
Delta R.T.: -0.006 min
Response: 197001739
Conc: 20.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.146 min
Delta R.T.: -0.005 min
Response: 49587349
Conc: 20.68 ng/ml