

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121919\
 Data File : PL055116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2019 12:24
 Operator : SG\AJ
 Sample : K6284-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 42-SPRUCE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 03:54:54 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	250.1E6	63190086	21.500	24.763
28)	SA Decachlor...	8.311	9.146	312.5E6	54085077	32.634	22.560 #
Target Compounds							
2)	A alpha-BHC	4.004f	4.441	13913826	267983	0.733	0.076 #
3)	MA gamma-BHC...	4.269	4.707f	16691493	8107603	0.979	2.487 #
4)	MA Heptachlor	4.569	5.233	143.7E6	5502327	8.146	1.823 #
5)	MB Aldrin	4.842f	5.527f	140.8E6	233.6E6	8.637	83.847 #
6)	B beta-BHC	0.000	4.929f	0	8470981	N.D.	6.015 #
7)	B delta-BHC	4.725	5.115	61083830	39581513	3.758	14.846 #
8)	B Heptachlo...	5.266	5.925	5101.4E6	1330.4E6	337.253	532.548 #
9)	A Endosulfan I	5.636f	0.000	457.0E6	0	33.516	N.D. #
10)	B gamma-Chl...	5.498	6.160	12218.7E6	4243.5E6	805.759	1610.835 #
11)	B alpha-Chl...	5.553	6.234	14835.7E6	6033.8E6	1006.097	2297.992 #
12)	B 4,4'-DDE	5.720	6.386	19058705	32741895	1.432	13.227 #
13)	MA Dieldrin	5.851	0.000	57363277	0	4.045	N.D. #
14)	MA Endrin	6.098f	0.000	478.2E6	0	37.550	N.D. #
15)	B Endosulfa...	6.393	6.971	4883.2E6	157.6E6	403.566	67.042 #
16)	A 4,4'-DDD	6.239	6.900	-229663915	128.4E6	N.D.	66.884
17)	MA 4,4'-DDT	6.481	7.163f	205.0E6	84505867	19.569	42.651 #
18)	B Endrin al...	6.531f	7.109	354.4E6	41592079	35.790	21.218 #
19)	B Endosulfa...	6.771	7.317	-118756977	58964064	N.D.	27.807
20)	A Methoxychlor	7.008f	7.660	15278475	4643321	3.049	4.071 #
21)	B Endrin ke...	0.000	7.814f	0	20982890	N.D.	9.322 #
22)	Mirex	7.428f	8.256	4558305	3051914	0.561	1.766 #
23)	Chlordane-1	4.416	5.044	743.9E6	171.7E6	1733.476	1672.927
24)	Chlordane-2	4.928	5.509	1590.1E6	155.9E6	3388.083	1467.189 #
25)	Chlordane-3	5.498	6.160	12218.7E6	4243.5E6	9066.056	11574.115 #
26)	Chlordane-4	5.553	6.234	14835.7E6	6033.8E6	13381.068	13874.465
27)	Chlordane-5	6.393	7.042	4883.2E6	1108.9E6	13203.812	14672.992

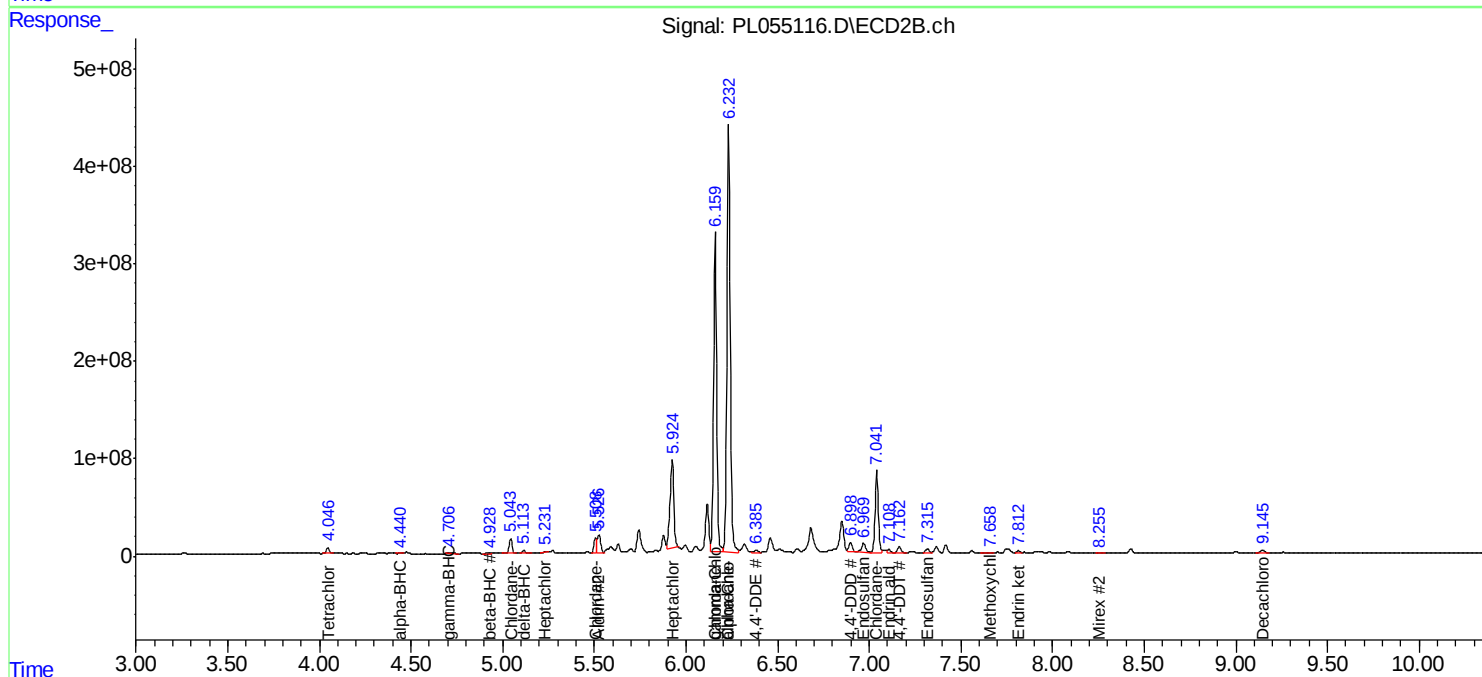
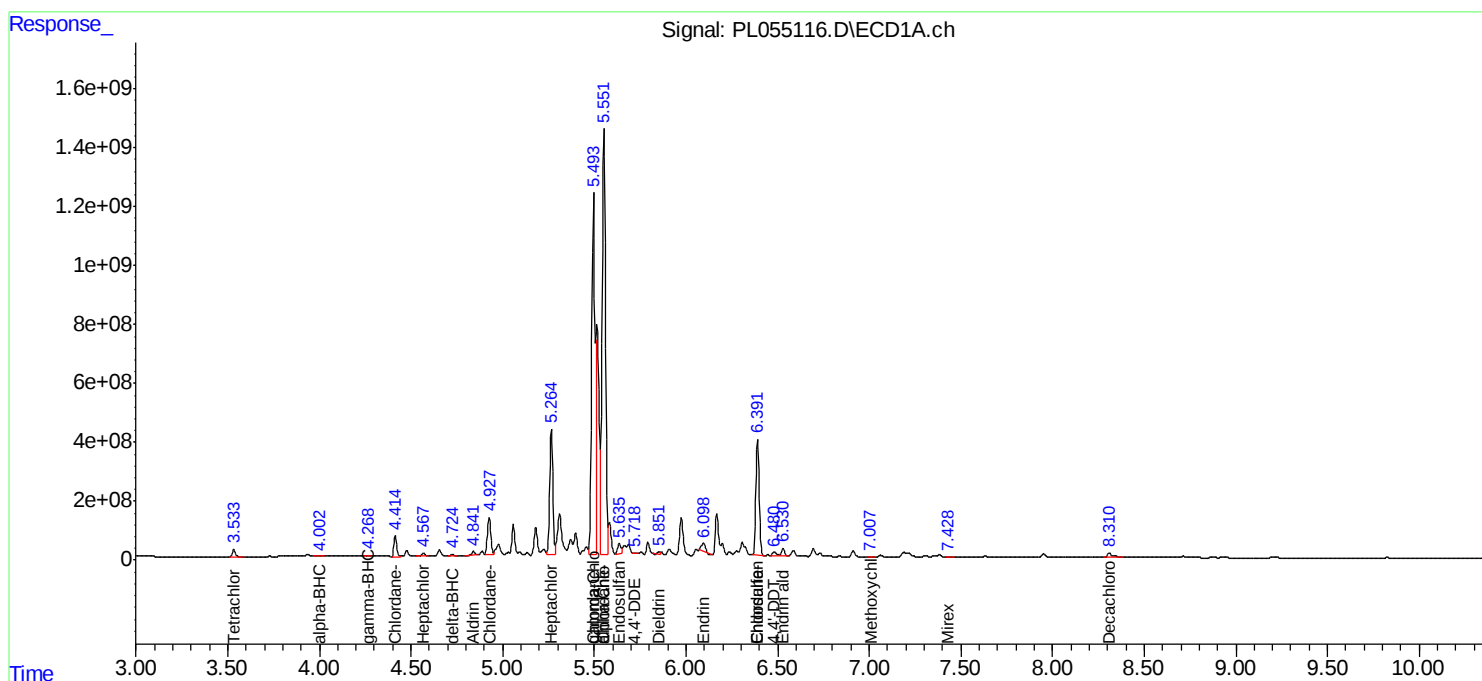
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

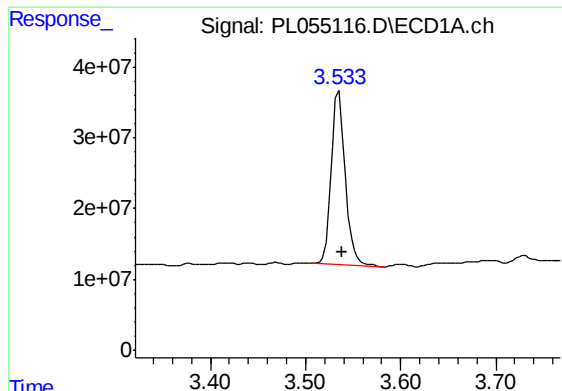
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121919\
Data File : PL055116.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Dec 2019 12:24
Operator : SG\AJ
Sample : K6284-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 20 03:54:54 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
Quant Title : GC Extractables
QLast Update : Wed Dec 18 14:58:42 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

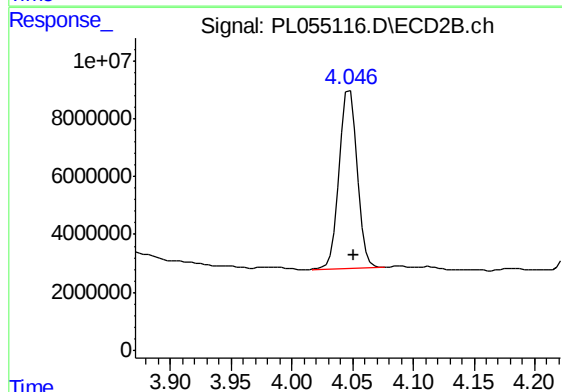




#1 Tetrachloro-m-xylene

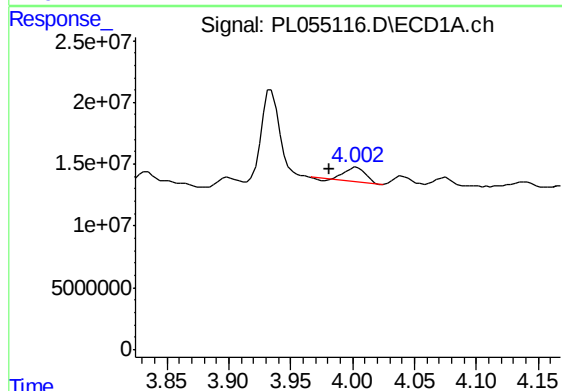
R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 250131075
Conc: 21.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



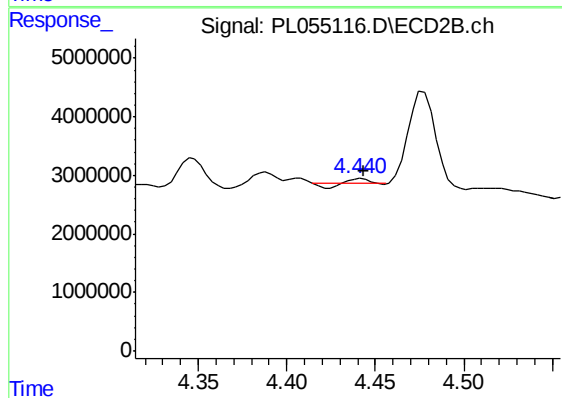
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: -0.004 min
Response: 63190086
Conc: 24.76 ng/ml



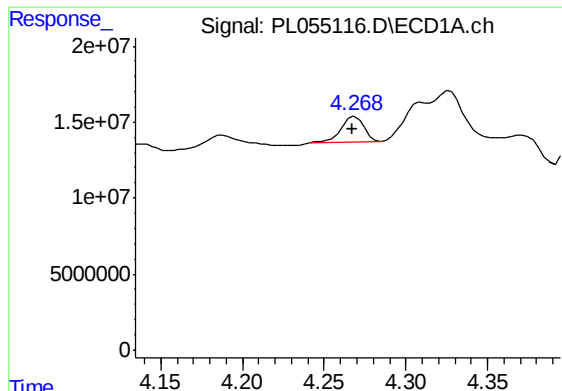
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.023 min
Response: 13913826
Conc: 0.73 ng/ml



#2 alpha-BHC

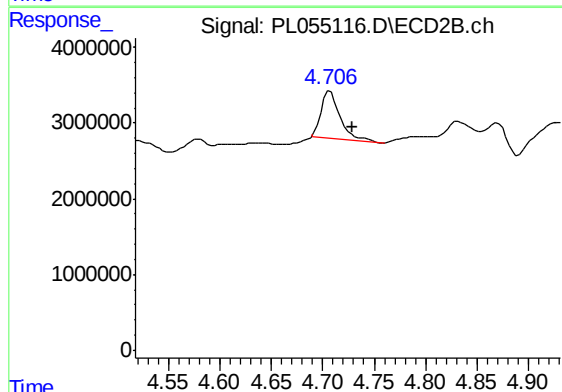
R.T.: 4.441 min
Delta R.T.: -0.002 min
Response: 267983
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

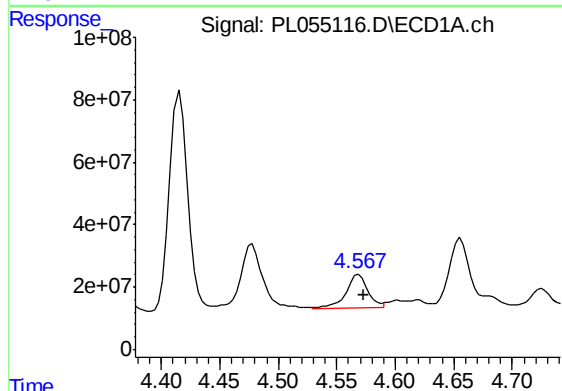
R.T.: 4.269 min
Delta R.T.: 0.002 min
Response: 16691493
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



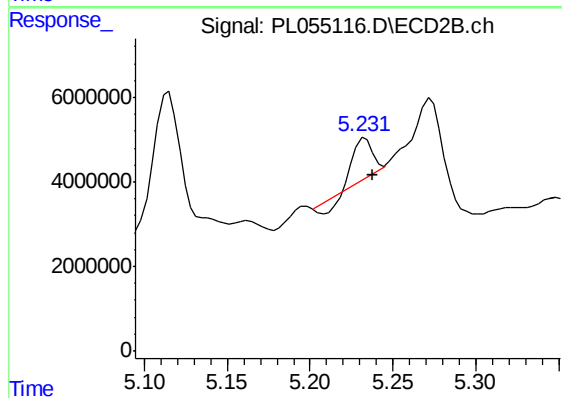
#3 gamma-BHC (Lindane)

R.T.: 4.707 min
Delta R.T.: -0.021 min
Response: 8107603
Conc: 2.49 ng/ml



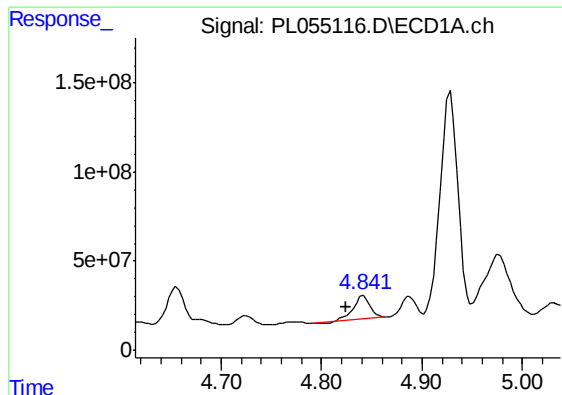
#4 Heptachlor

R.T.: 4.569 min
Delta R.T.: -0.005 min
Response: 143651133
Conc: 8.15 ng/ml



#4 Heptachlor

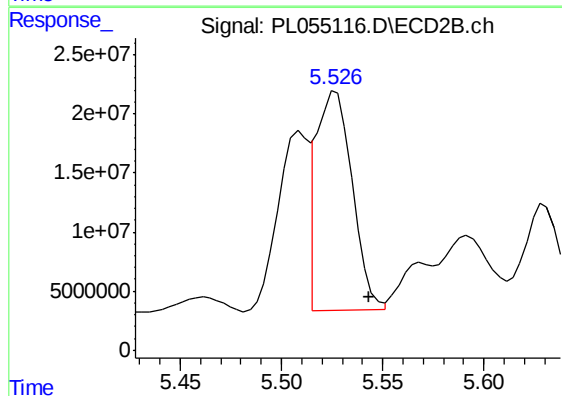
R.T.: 5.233 min
Delta R.T.: -0.005 min
Response: 5502327
Conc: 1.82 ng/ml



#5 Aldrin

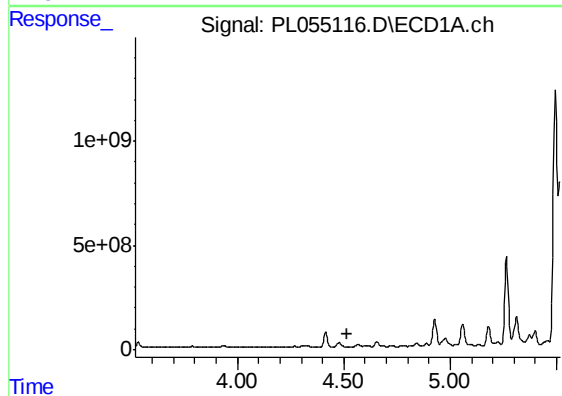
R.T.: 4.842 min
Delta R.T.: 0.018 min
Response: 140774763
Conc: 8.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



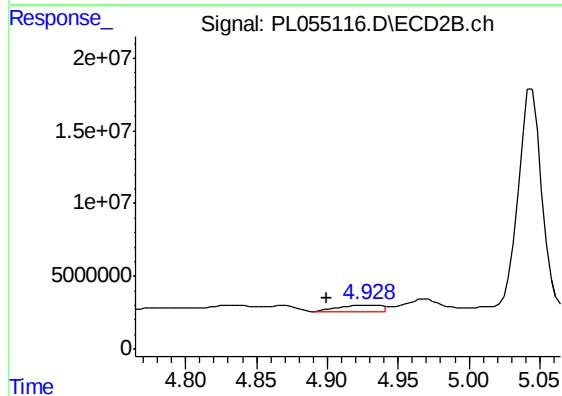
#5 Aldrin

R.T.: 5.527 min
Delta R.T.: -0.016 min
Response: 233636798
Conc: 83.85 ng/ml



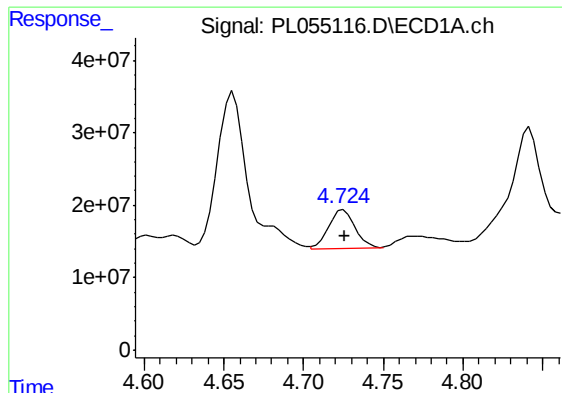
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.518 min
Response: 0
Conc: N.D.



#6 beta-BHC

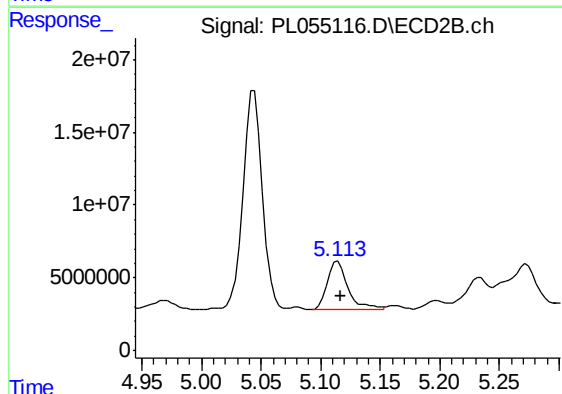
R.T.: 4.929 min
Delta R.T.: 0.030 min
Response: 8470981
Conc: 6.02 ng/ml



#7 delta-BHC

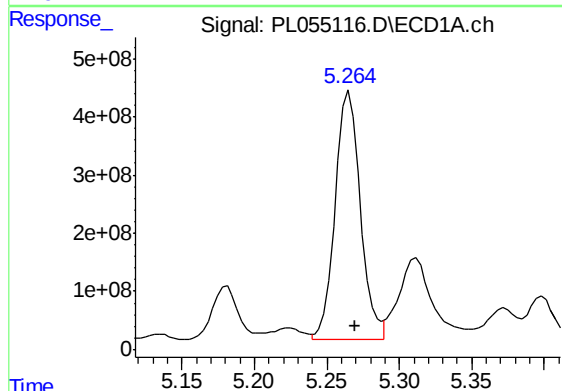
R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 61083830
Conc: 3.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



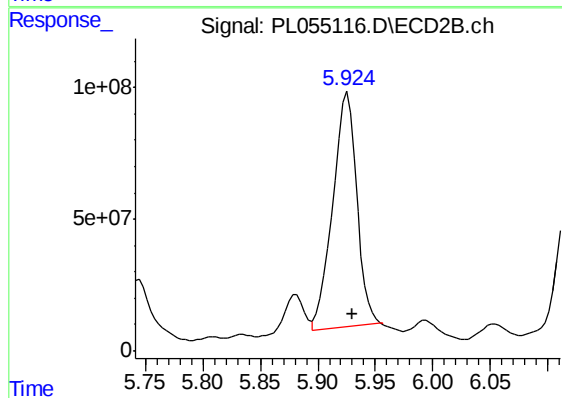
#7 delta-BHC

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 39581513
Conc: 14.85 ng/ml



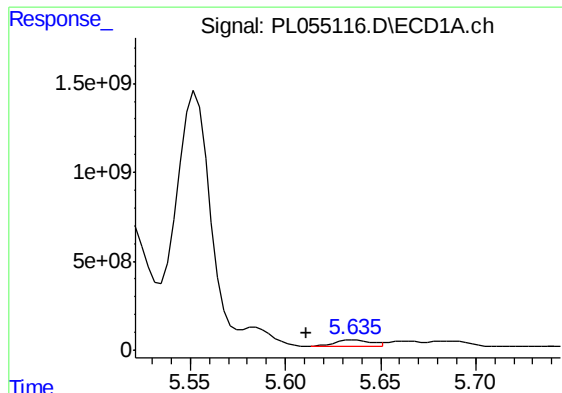
#8 Heptachlor epoxide

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 5101363234
Conc: 337.25 ng/ml



#8 Heptachlor epoxide

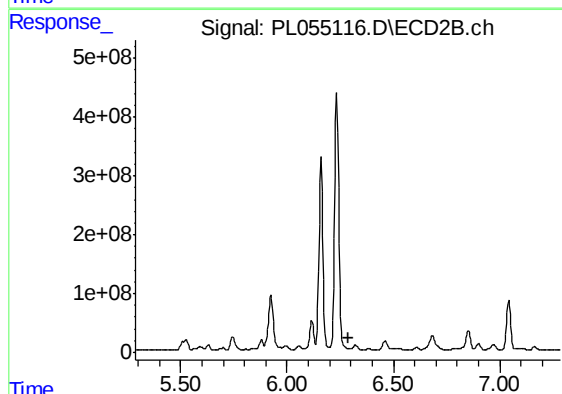
R.T.: 5.925 min
Delta R.T.: -0.005 min
Response: 1330405801
Conc: 532.55 ng/ml



#9 Endosulfan I

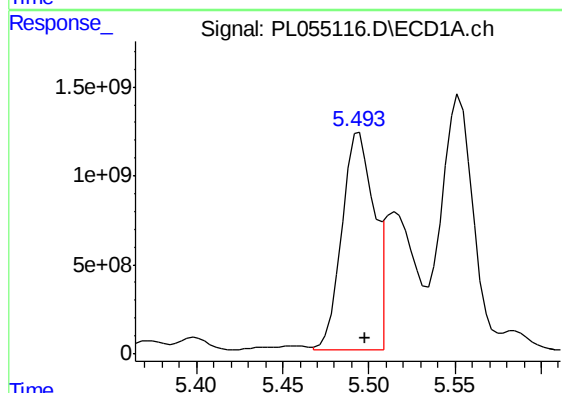
R.T.: 5.636 min
Delta R.T.: 0.025 min
Response: 457043665
Conc: 33.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



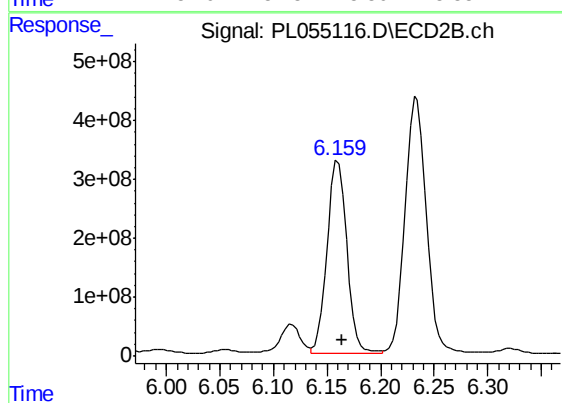
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.288 min
Response: 0
Conc: N.D.



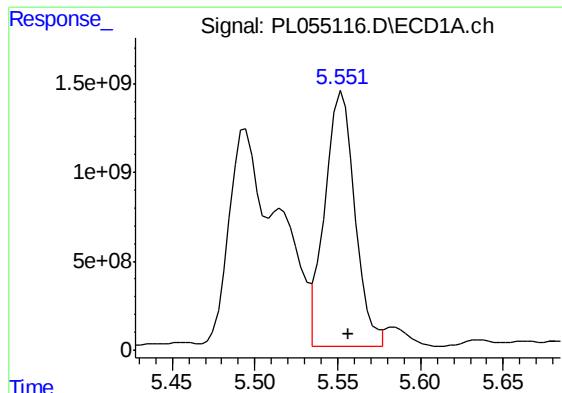
#10 gamma-Chlordane

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 12218683902
Conc: 805.76 ng/ml



#10 gamma-Chlordane

R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 4243531494
Conc: 1610.83 ng/ml



#11 alpha-Chlordane

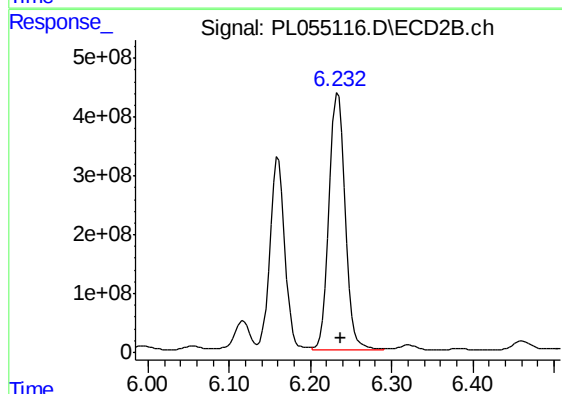
R.T.: 5.553 min

Delta R.T.: -0.004 min

Response: 14835747832

Conc: 1006.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



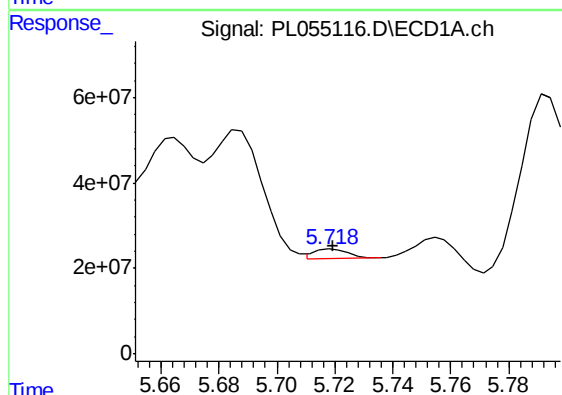
#11 alpha-Chlordane

R.T.: 6.234 min

Delta R.T.: -0.003 min

Response: 6033763502

Conc: 2297.99 ng/ml



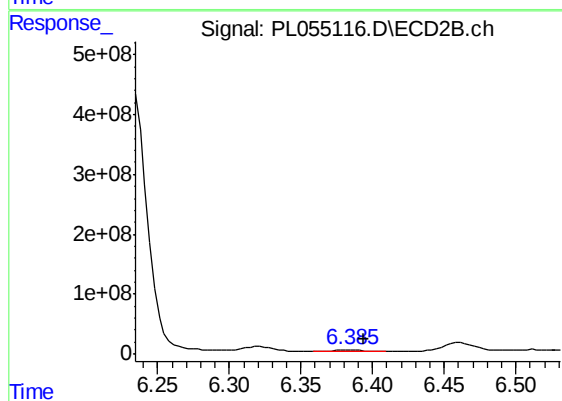
#12 4,4'-DDE

R.T.: 5.720 min

Delta R.T.: 0.000 min

Response: 19058705

Conc: 1.43 ng/ml



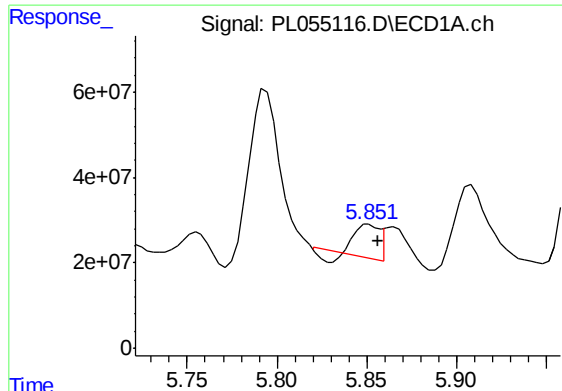
#12 4,4'-DDE

R.T.: 6.386 min

Delta R.T.: -0.008 min

Response: 32741895

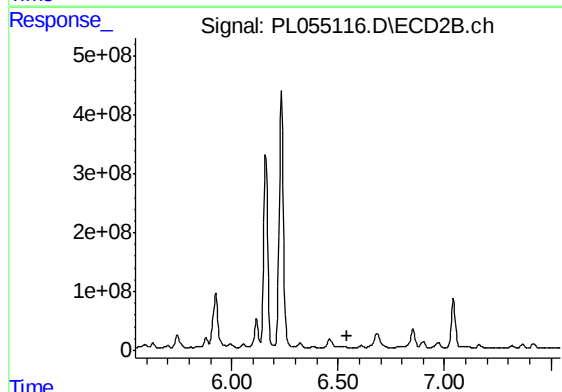
Conc: 13.23 ng/ml



#13 Dieldrin

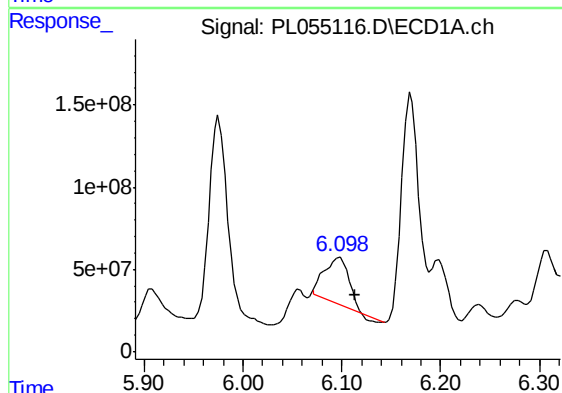
R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 57363277
Conc: 4.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



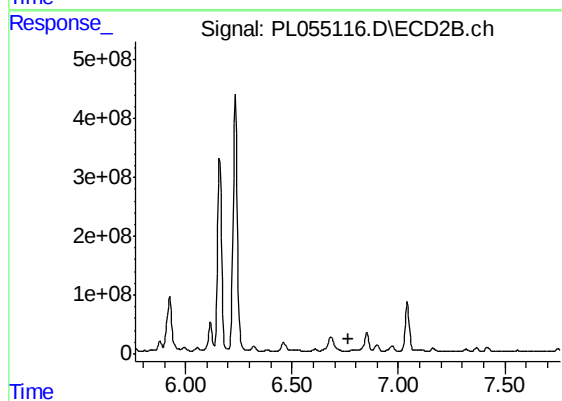
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.545 min
Response: 0
Conc: N.D.



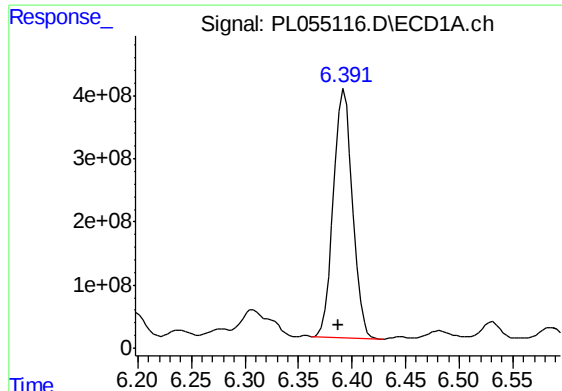
#14 Endrin

R.T.: 6.098 min
Delta R.T.: -0.016 min
Response: 478150510
Conc: 37.55 ng/ml



#14 Endrin

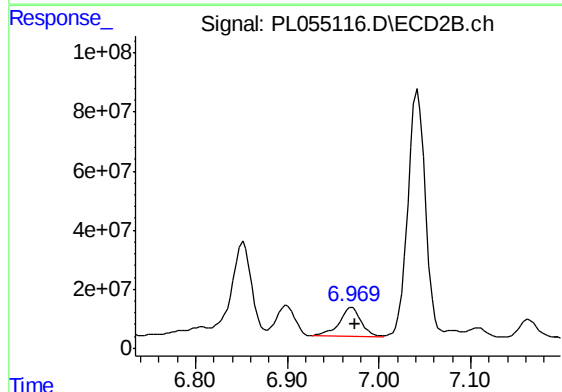
R.T.: 0.000 min
Exp R.T. : 6.764 min
Response: 0
Conc: N.D.



#15 Endosulfan II

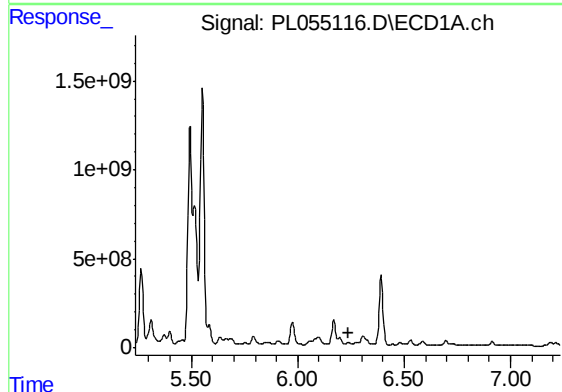
R.T.: 6.393 min
Delta R.T.: 0.006 min
Response: 4883199155
Conc: 403.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



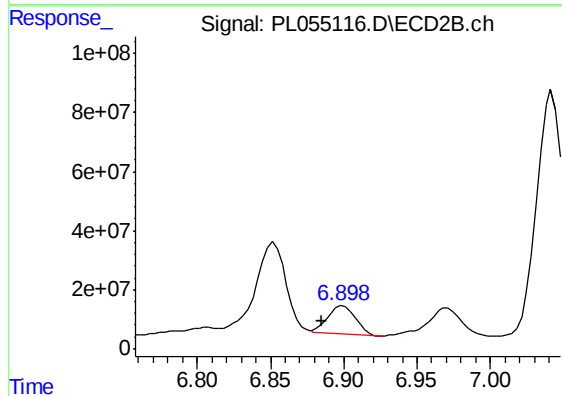
#15 Endosulfan II

R.T.: 6.971 min
Delta R.T.: -0.003 min
Response: 157615833
Conc: 67.04 ng/ml



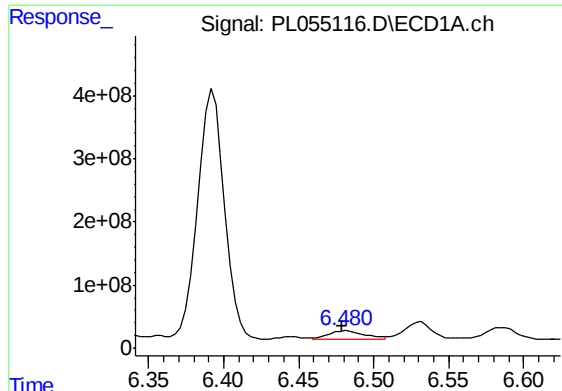
#16 4,4'-DDD

R.T.: 6.239 min
Delta R.T.: 0.002 min
Response: -229663915
Conc: N.D.



#16 4,4'-DDD

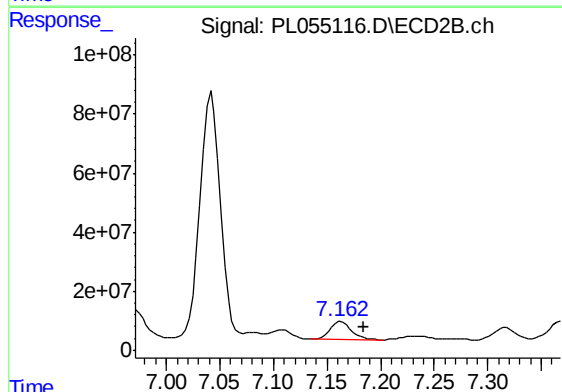
R.T.: 6.900 min
Delta R.T.: 0.015 min
Response: 128422436
Conc: 66.88 ng/ml



#17 4,4'-DDT

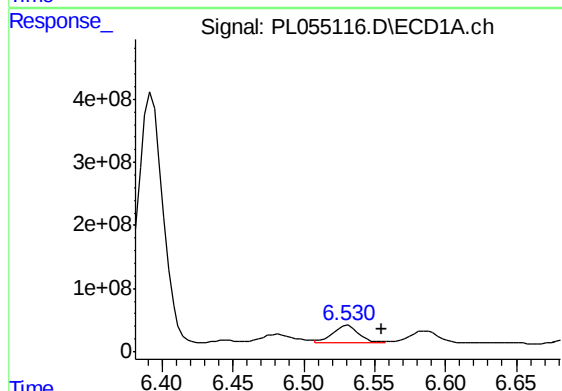
R.T.: 6.481 min
Delta R.T.: 0.003 min
Response: 205005853
Conc: 19.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



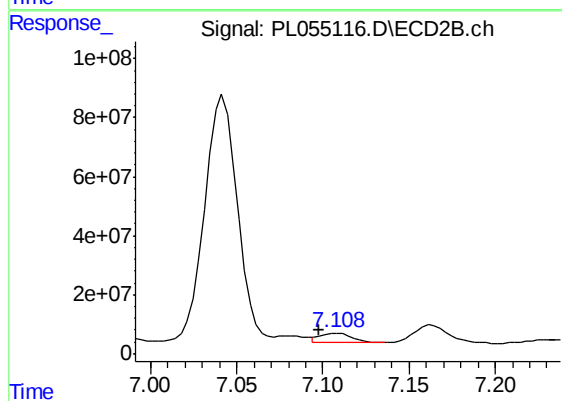
#17 4,4'-DDT

R.T.: 7.163 min
Delta R.T.: -0.022 min
Response: 84505867
Conc: 42.65 ng/ml



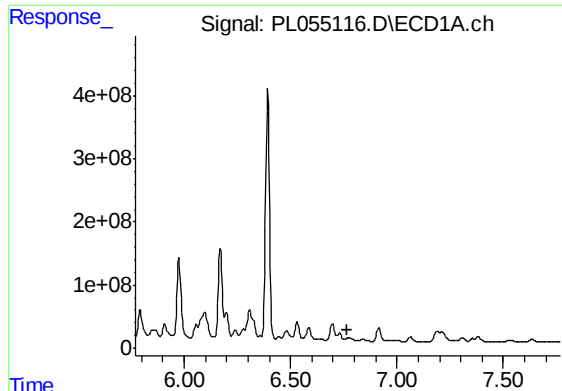
#18 Endrin aldehyde

R.T.: 6.531 min
Delta R.T.: -0.024 min
Response: 354422826
Conc: 35.79 ng/ml



#18 Endrin aldehyde

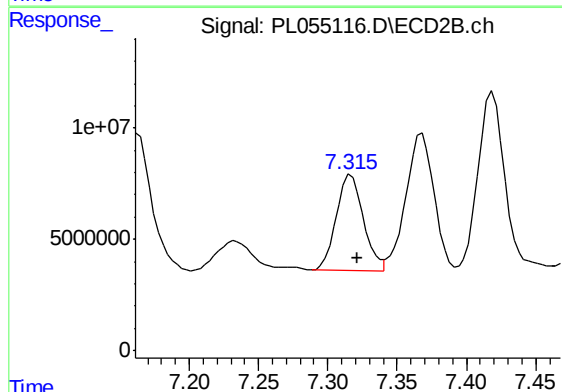
R.T.: 7.109 min
Delta R.T.: 0.011 min
Response: 41592079
Conc: 21.22 ng/ml



#19 Endosulfan Sulfate

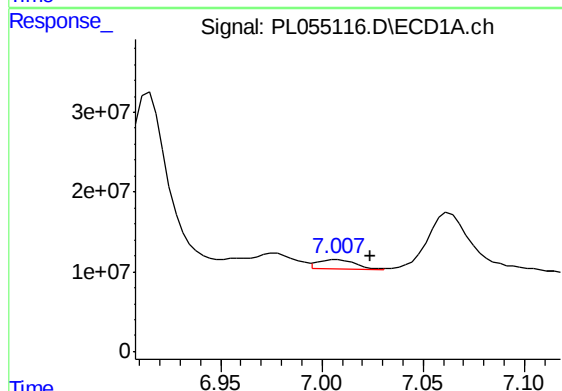
R.T.: 6.771 min
Delta R.T.: 0.002 min
Response: -118756977
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



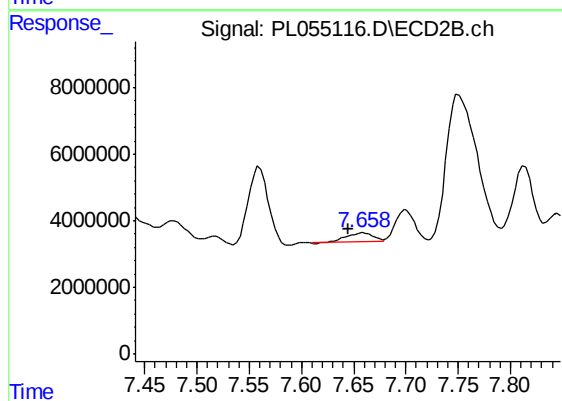
#19 Endosulfan Sulfate

R.T.: 7.317 min
Delta R.T.: -0.005 min
Response: 58964064
Conc: 27.81 ng/ml



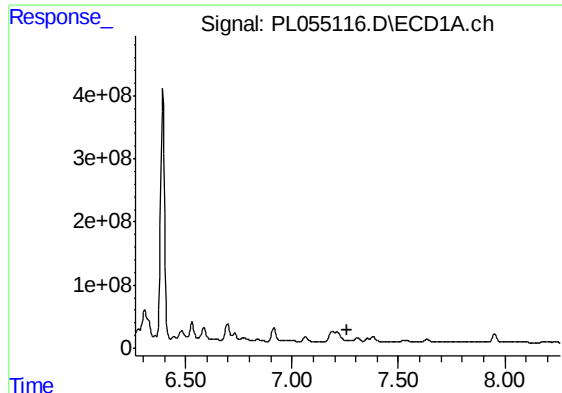
#20 Methoxychlor

R.T.: 7.008 min
Delta R.T.: -0.016 min
Response: 15278475
Conc: 3.05 ng/ml



#20 Methoxychlor

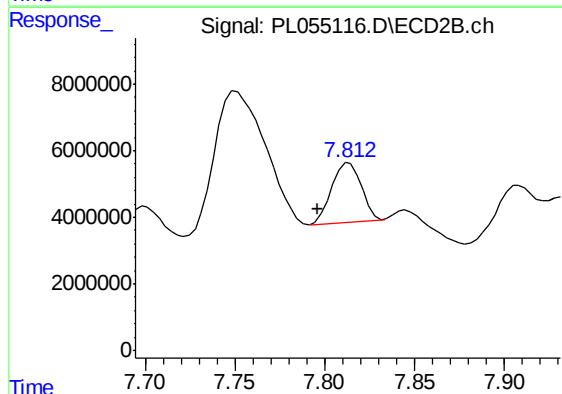
R.T.: 7.660 min
Delta R.T.: 0.015 min
Response: 4643321
Conc: 4.07 ng/ml



#21 Endrin ketone

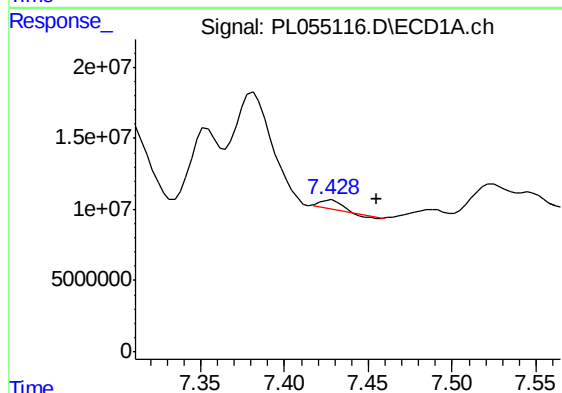
R.T.: 0.000 min
Exp R.T.: 7.263 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



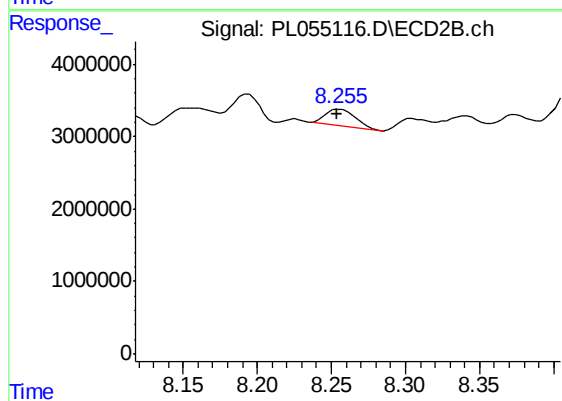
#21 Endrin ketone

R.T.: 7.814 min
Delta R.T.: 0.018 min
Response: 20982890
Conc: 9.32 ng/ml



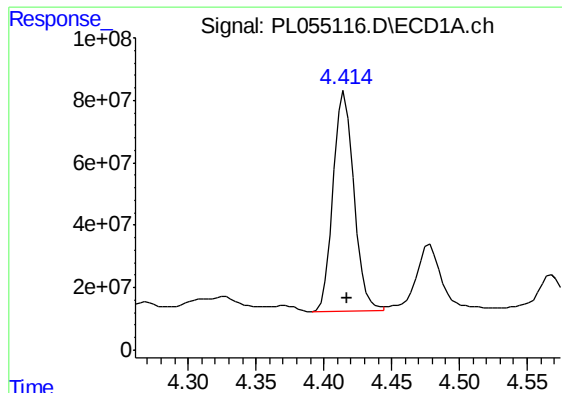
#22 Mirex

R.T.: 7.428 min
Delta R.T.: -0.027 min
Response: 4558305
Conc: 0.56 ng/ml



#22 Mirex

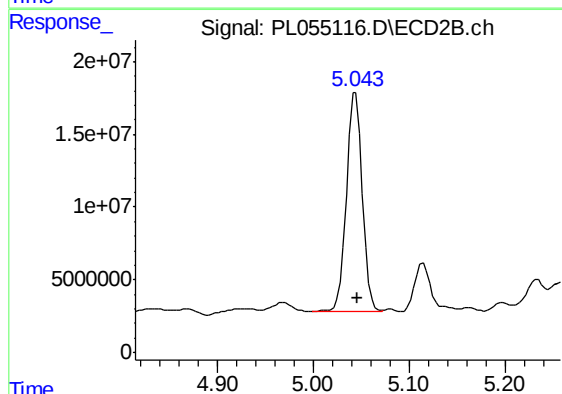
R.T.: 8.256 min
Delta R.T.: 0.002 min
Response: 3051914
Conc: 1.77 ng/ml



#23 Chlordane-1

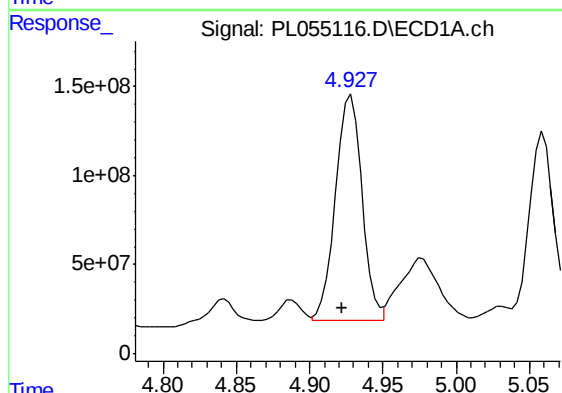
R.T.: 4.416 min
Delta R.T.: -0.001 min
Response: 743896416
Conc: 1733.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



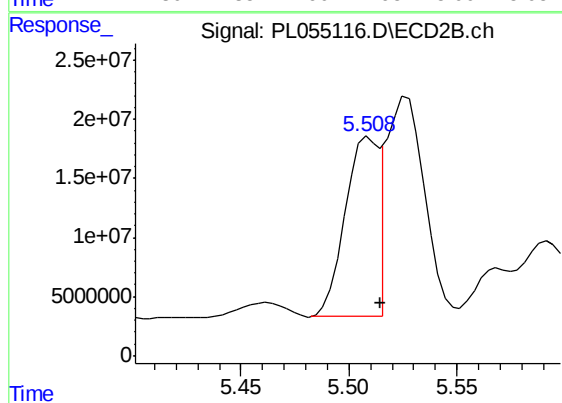
#23 Chlordane-1

R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 171748934
Conc: 1672.93 ng/ml



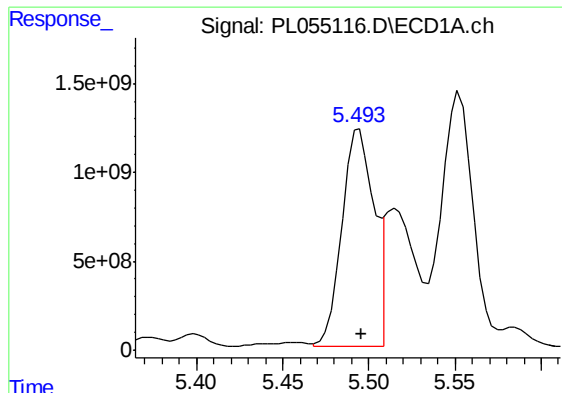
#24 Chlordane-2

R.T.: 4.928 min
Delta R.T.: 0.006 min
Response: 1590075432
Conc: 3388.08 ng/ml



#24 Chlordane-2

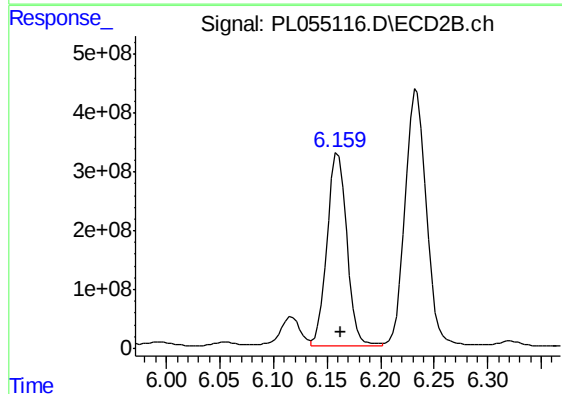
R.T.: 5.509 min
Delta R.T.: -0.005 min
Response: 155897296
Conc: 1467.19 ng/ml



#25 Chlordane-3

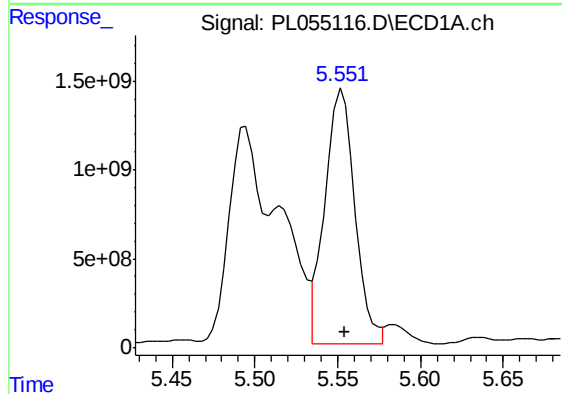
R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 12218683902
Conc: 9066.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



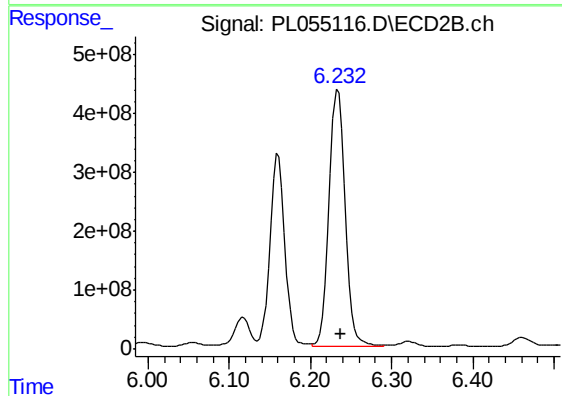
#25 Chlordane-3

R.T.: 6.160 min
Delta R.T.: -0.002 min
Response: 4243531494
Conc: 11574.11 ng/ml



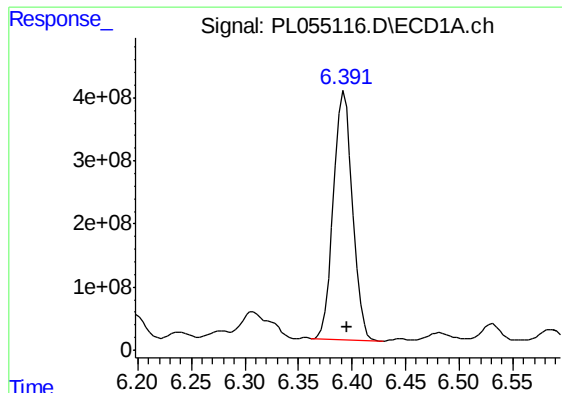
#26 Chlordane-4

R.T.: 5.553 min
Delta R.T.: -0.001 min
Response: 14835747832
Conc: 13381.07 ng/ml



#26 Chlordane-4

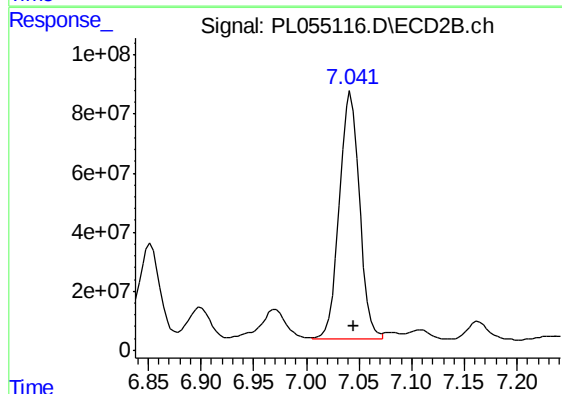
R.T.: 6.234 min
Delta R.T.: -0.003 min
Response: 6033763502
Conc: 13874.47 ng/ml



#27 Chlordane-5

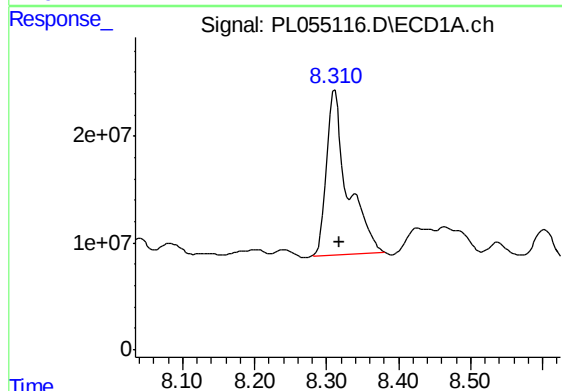
R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 4883199155
Conc: 13203.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCE



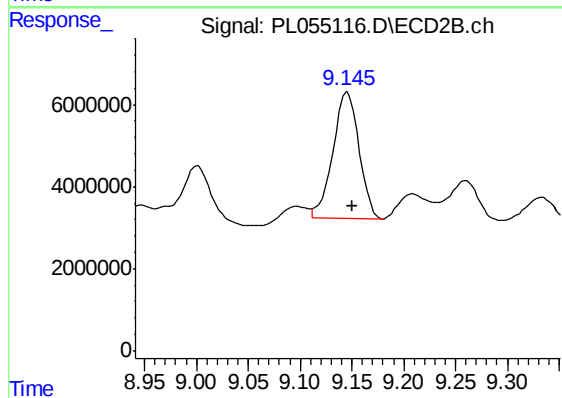
#27 Chlordane-5

R.T.: 7.042 min
Delta R.T.: -0.002 min
Response: 1108890846
Conc: 14672.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.311 min
Delta R.T.: -0.007 min
Response: 312505213
Conc: 32.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.146 min
Delta R.T.: -0.005 min
Response: 54085077
Conc: 22.56 ng/ml