

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082919\
 Data File : PL051978.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2019 17:12
 Operator : SG\AJ
 Sample : K4439-10MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 S-5-(5-7)MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 00:48:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 19 18:03:07 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...	3.314	3.924	154.6E6	43516804	18.059	19.918
28)	SA Decachlor...	7.972	8.951	200.5E6	50868203	16.523	16.712
Target Compounds							
2)	A alpha-BHC	3.740	4.312	838.0E6	159.8E6	57.834	49.592
3)	MA gamma-BHC...	4.016	4.596	792.5E6	140.8E6	60.240	44.735 #
4)	MA Heptachlor	4.299	5.096	855.0E6	205.8E6	56.479	58.689
5)	MB Aldrin	4.530	5.398	1749.3E6	220.8E6	121.051	67.348 #
6)	B beta-BHC	4.271	4.773	335.4E6	54912672	58.736	37.678 #
7)	B delta-BHC	4.464	4.986	767.7E6	149.2E6	51.633	47.683
8)	B Heptachlo...	4.973	5.784	788.7E6	334.4E6	56.392	99.081 #
9)	A Endosulfan I	5.303	6.140	886.8E6	190.0E6	65.967	58.777
10)	B gamma-Chl...	5.195	6.019	929.0E6	180.5E6	62.214	49.444
11)	B alpha-Chl...	5.251	6.090	957.3E6	178.8E6	66.152	51.807
12)	B 4,4'-DDE	5.417	6.251	725.1E6	174.8E6	52.982	49.647
13)	MA Dieldrin	5.542	6.396	864.5E6	186.3E6	56.856	54.389
14)	MA Endrin	5.794	6.614	775.1E6	165.2E6	53.143	54.624
15)	B Endosulfa...	6.070	6.826	654.8E6	180.1E6	47.057	54.648
16)	A 4,4'-DDD	5.928	6.741	580.0E6	160.6E6	47.361	59.328 #
17)	MA 4,4'-DDT	6.163	7.038	610.4E6	154.6E6	47.867	52.809
18)	B Endrin al...	6.236	6.950	521.3E6	150.1E6	44.815	53.104
19)	B Endosulfa...	6.448	7.173	612.8E6	165.2E6	47.109	53.486
20)	A Methoxychlor	6.707	7.499	292.0E6	84422406	43.066	50.335
21)	B Endrin ke...	6.928	7.641	640.6E6	179.1E6	45.280	55.966
22)	Mirex	7.102	8.088	466.2E6	125.8E6	44.029	51.696
24)	Chlordane-2	0.000	5.398f	0	220.8E6	N.D.	2200.121 #
25)	Chlordane-3	5.195	6.019	929.0E6	180.5E6	715.511	405.171 #
26)	Chlordane-4	5.251	6.090	957.3E6	178.8E6	785.092	329.187 #
27)	Chlordane-5	6.070	6.891	654.8E6	7991672	1334.272	81.065 #

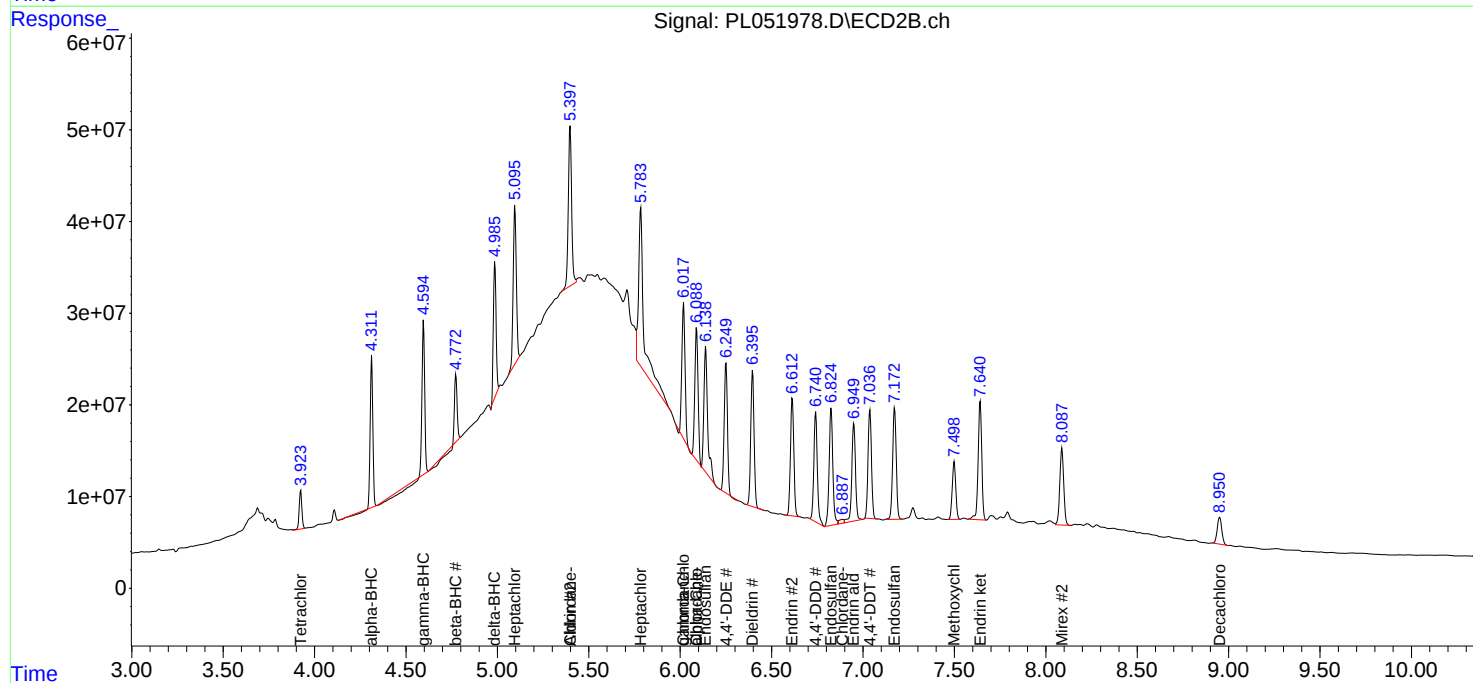
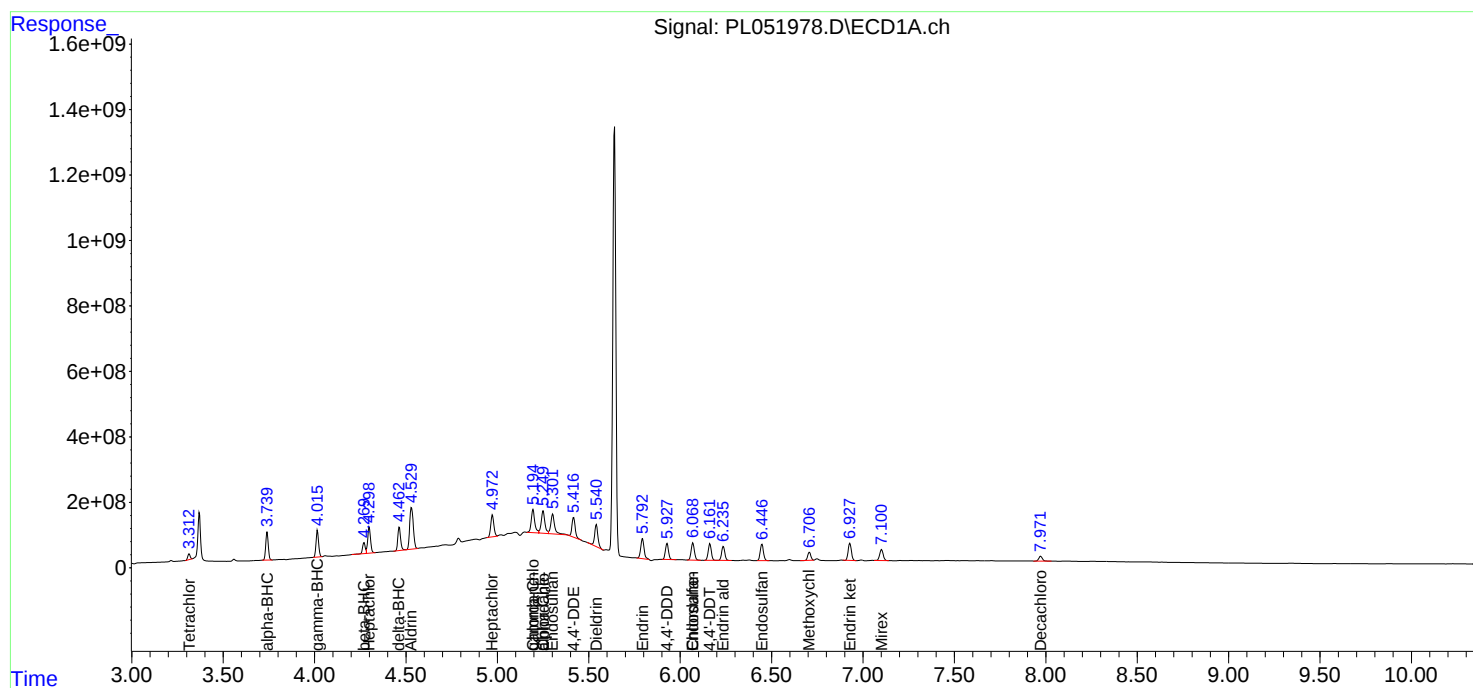
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

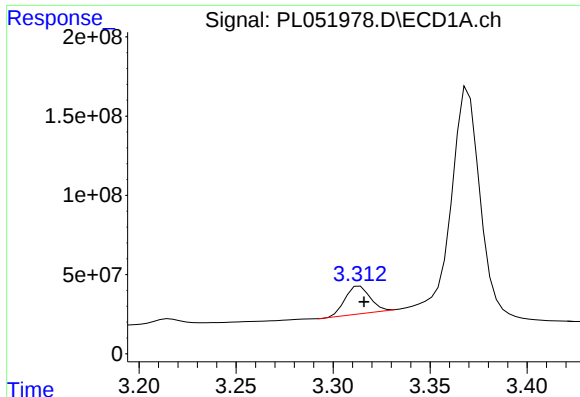
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082919\
 Data File : PL051978.D
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

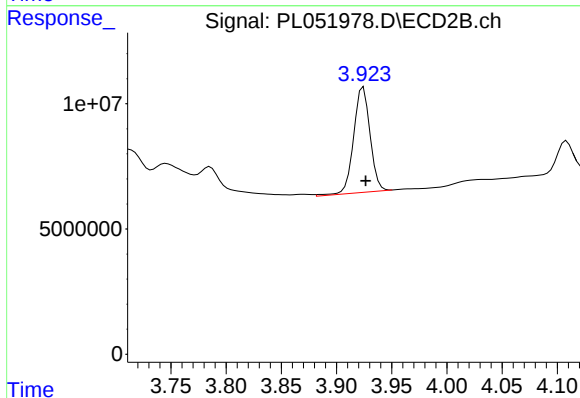




#1 Tetrachloro-m-xylene

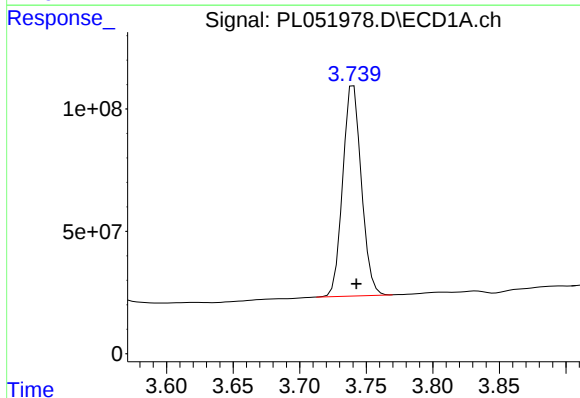
R.T.: 3.314 min
Delta R.T.: -0.002 min
Response: 154563907
Conc: 18.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



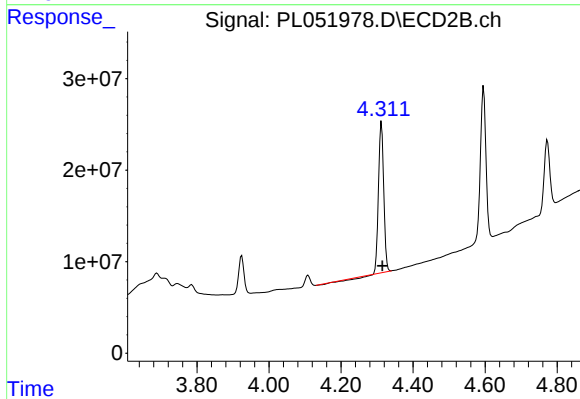
#1 Tetrachloro-m-xylene

R.T.: 3.924 min
Delta R.T.: -0.002 min
Response: 43516804
Conc: 19.92 ng/ml



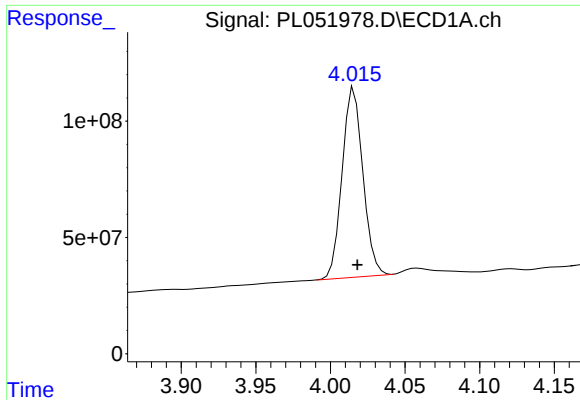
#2 alpha-BHC

R.T.: 3.740 min
Delta R.T.: -0.002 min
Response: 837993946
Conc: 57.83 ng/ml



#2 alpha-BHC

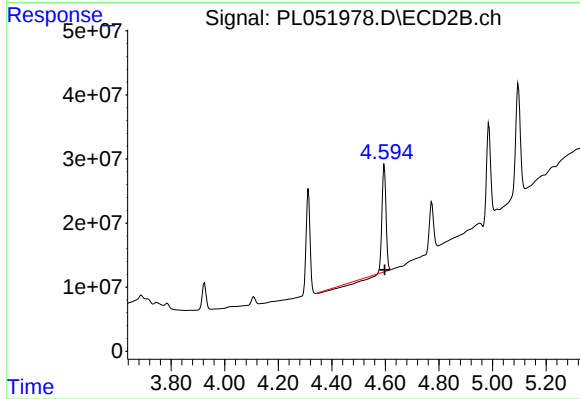
R.T.: 4.312 min
Delta R.T.: -0.003 min
Response: 159804402
Conc: 49.59 ng/ml



#3 gamma-BHC (Lindane)

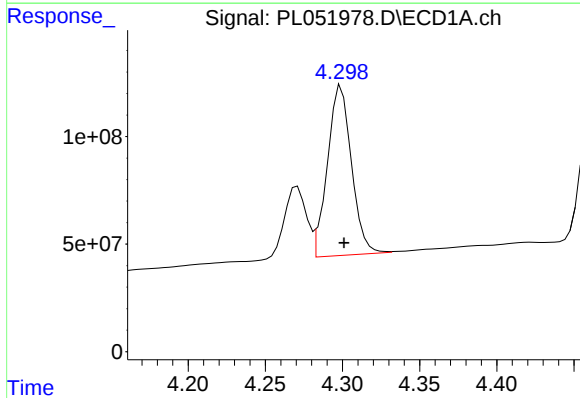
R.T.: 4.016 min
Delta R.T.: -0.002 min
Response: 792546864
Conc: 60.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



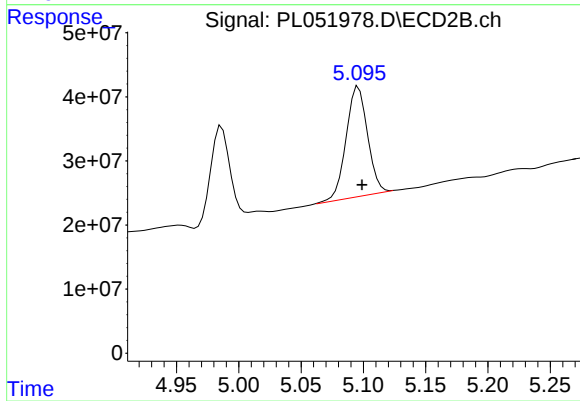
#3 gamma-BHC (Lindane)

R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 140839735
Conc: 44.74 ng/ml



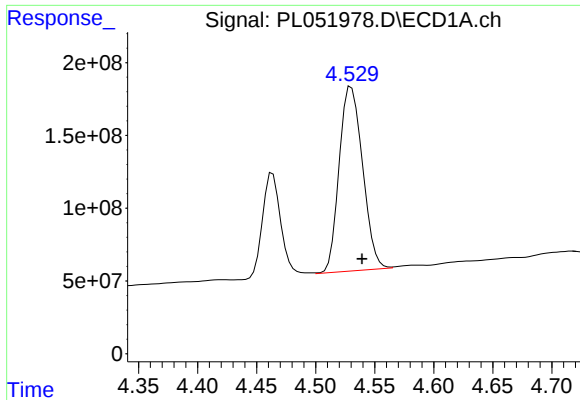
#4 Heptachlor

R.T.: 4.299 min
Delta R.T.: -0.002 min
Response: 855026190
Conc: 56.48 ng/ml



#4 Heptachlor

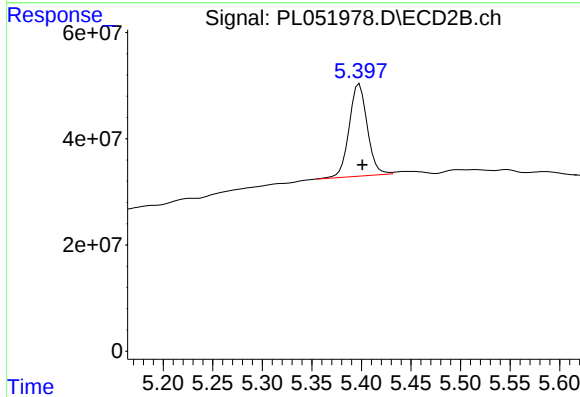
R.T.: 5.096 min
Delta R.T.: -0.003 min
Response: 205816456
Conc: 58.69 ng/ml



#5 Aldrin

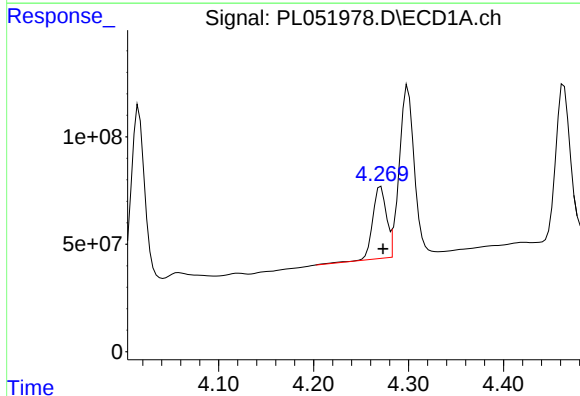
R.T.: 4.530 min
Delta R.T.: -0.009 min
Response: 1749269676
Conc: 121.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



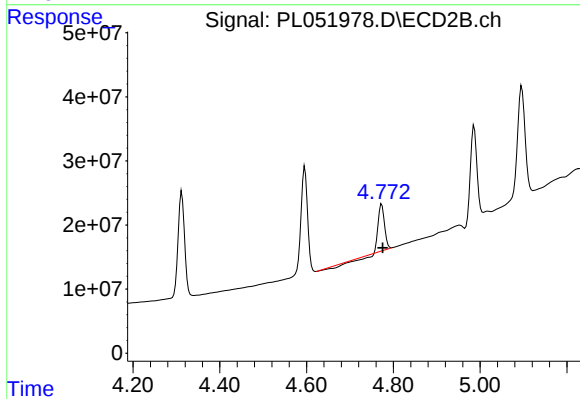
#5 Aldrin

R.T.: 5.398 min
Delta R.T.: -0.003 min
Response: 220827506
Conc: 67.35 ng/ml



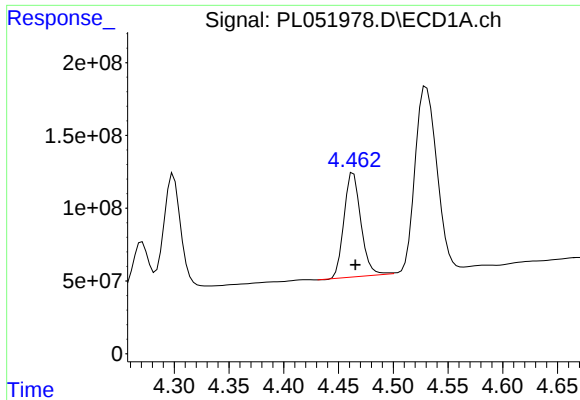
#6 beta-BHC

R.T.: 4.271 min
Delta R.T.: -0.002 min
Response: 335389071
Conc: 58.74 ng/ml



#6 beta-BHC

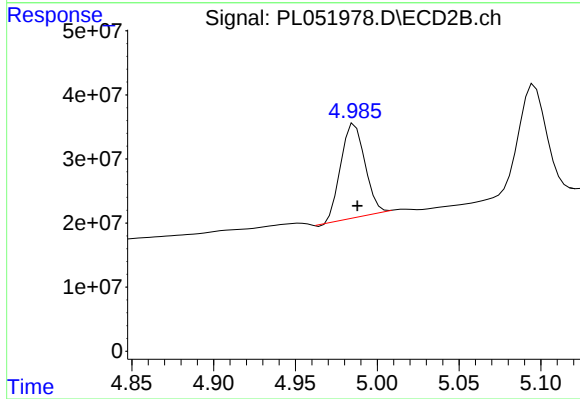
R.T.: 4.773 min
Delta R.T.: -0.003 min
Response: 54912672
Conc: 37.68 ng/ml



#7 delta-BHC

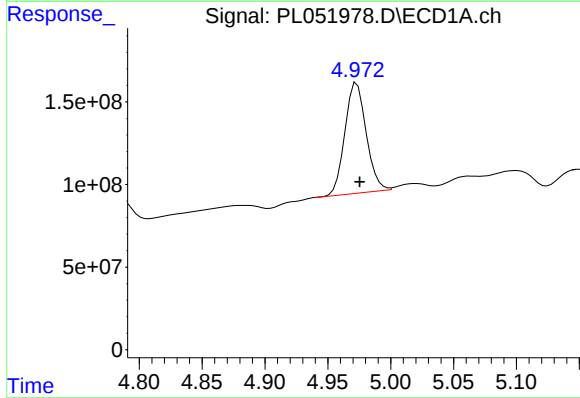
R.T.: 4.464 min
Delta R.T.: -0.002 min
Response: 767737808
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



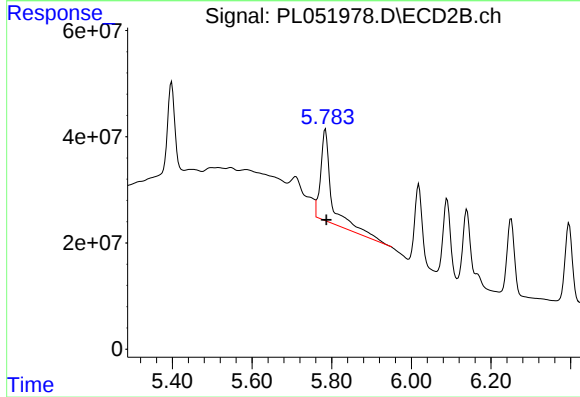
#7 delta-BHC

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 149234602
Conc: 47.68 ng/ml



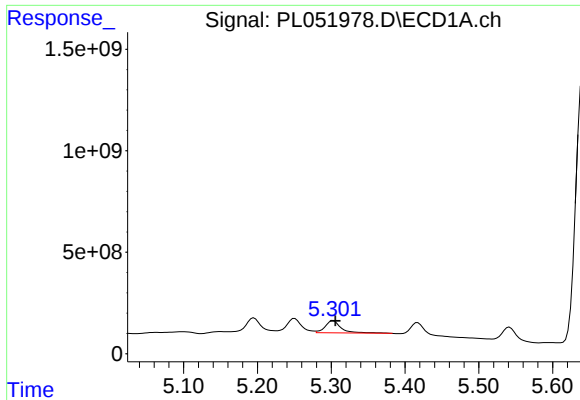
#8 Heptachlor epoxide

R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 788668012
Conc: 56.39 ng/ml



#8 Heptachlor epoxide

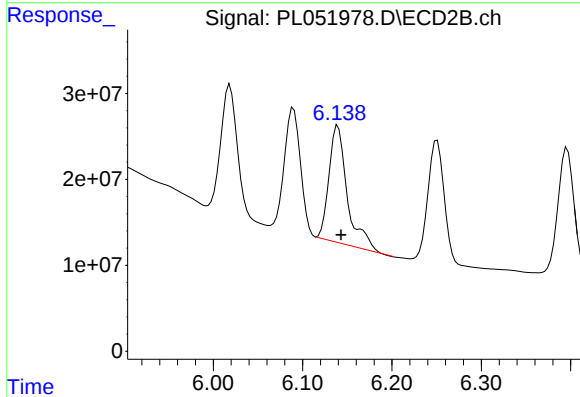
R.T.: 5.784 min
Delta R.T.: -0.003 min
Response: 334379227
Conc: 99.08 ng/ml



#9 Endosulfan I

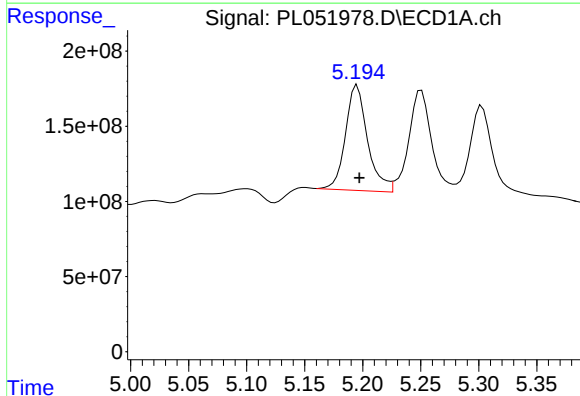
R.T.: 5.303 min
Delta R.T.: -0.003 min
Response: 886839295
Conc: 65.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



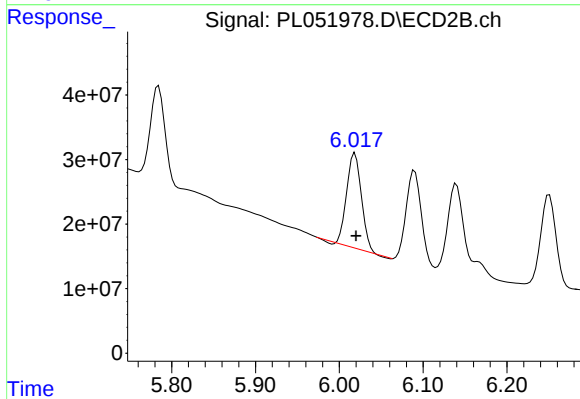
#9 Endosulfan I

R.T.: 6.140 min
Delta R.T.: -0.003 min
Response: 190036045
Conc: 58.78 ng/ml



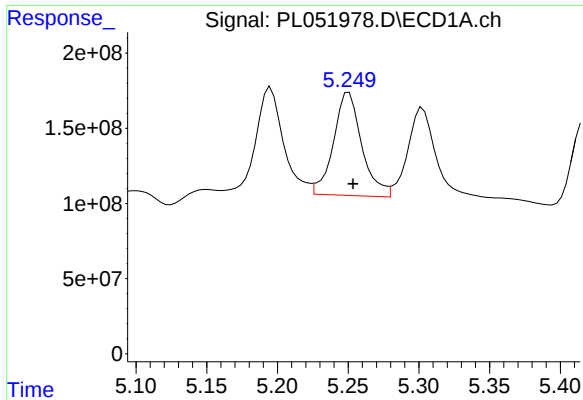
#10 gamma-Chlordane

R.T.: 5.195 min
Delta R.T.: -0.002 min
Response: 928976499
Conc: 62.21 ng/ml



#10 gamma-Chlordane

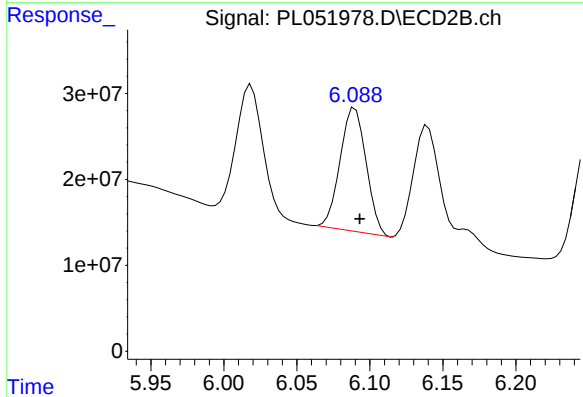
R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 180519970
Conc: 49.44 ng/ml



#11 alpha-Chlordane

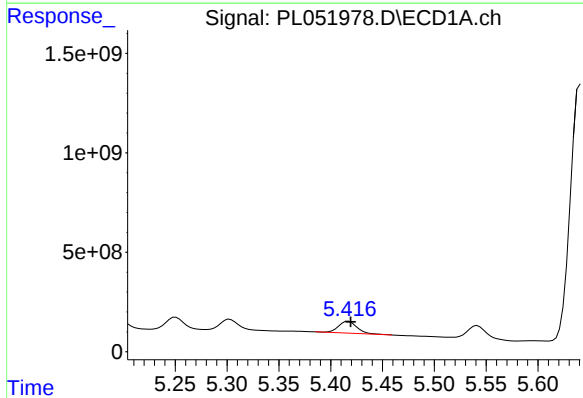
R.T.: 5.251 min
Delta R.T.: -0.003 min
Response: 957306908
Conc: 66.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



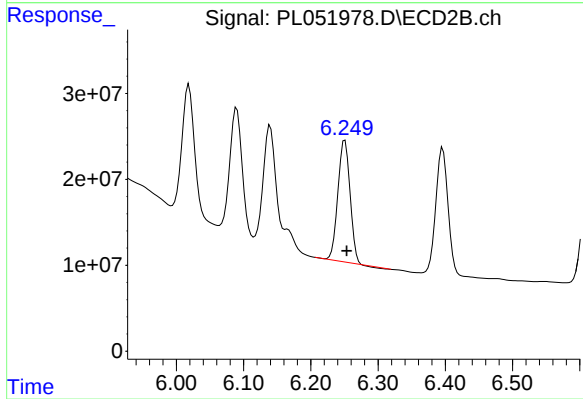
#11 alpha-Chlordane

R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 178785456
Conc: 51.81 ng/ml



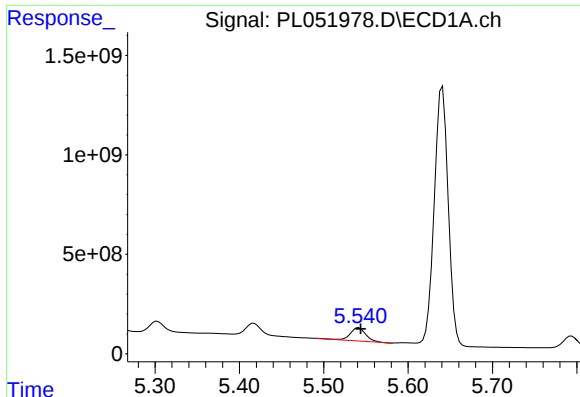
#12 4,4'-DDE

R.T.: 5.417 min
Delta R.T.: -0.002 min
Response: 725095376
Conc: 52.98 ng/ml



#12 4,4'-DDE

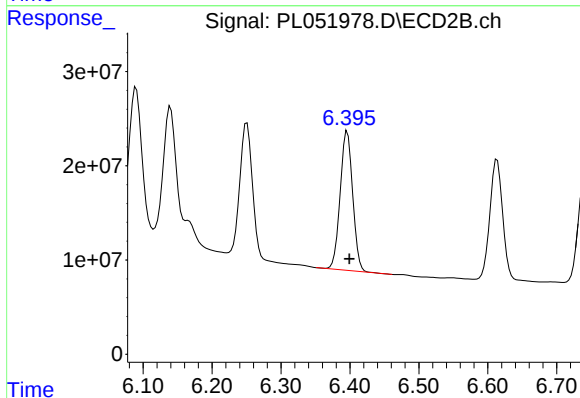
R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 174759064
Conc: 49.65 ng/ml



#13 Dieldrin

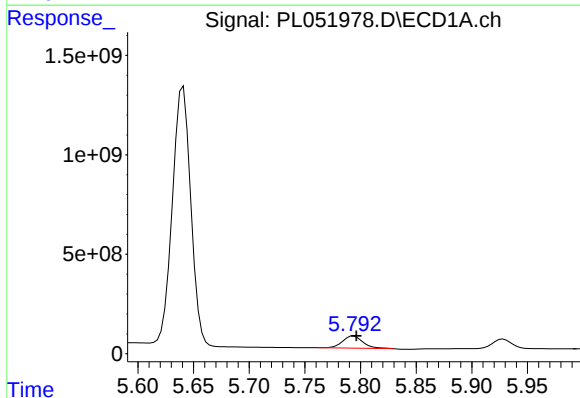
R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 864481983
Conc: 56.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



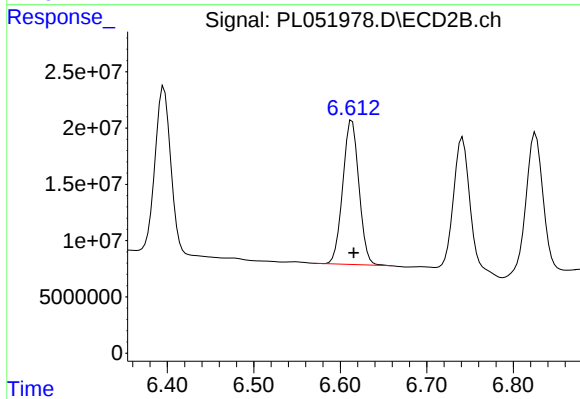
#13 Dieldrin

R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 186259442
Conc: 54.39 ng/ml



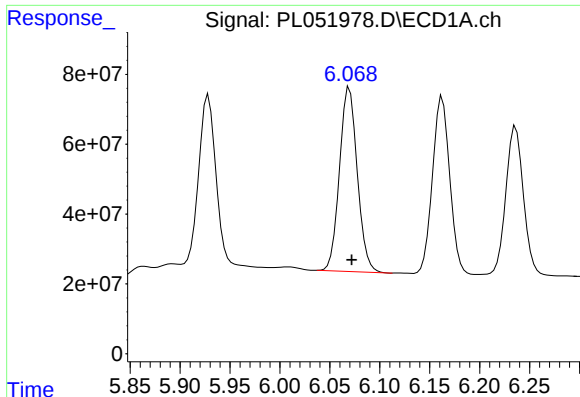
#14 Endrin

R.T.: 5.794 min
Delta R.T.: -0.003 min
Response: 775139930
Conc: 53.14 ng/ml



#14 Endrin

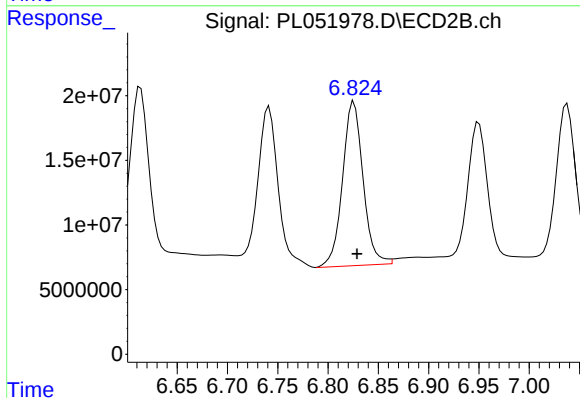
R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 165216697
Conc: 54.62 ng/ml



#15 Endosulfan II

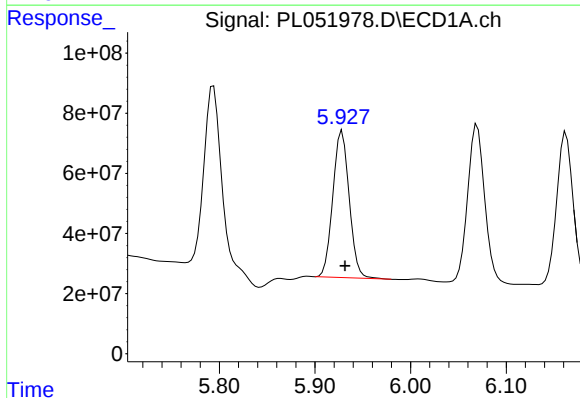
R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 654750682
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



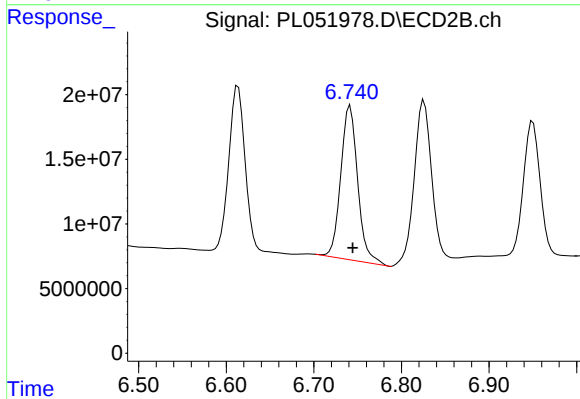
#15 Endosulfan II

R.T.: 6.826 min
Delta R.T.: -0.003 min
Response: 180120863
Conc: 54.65 ng/ml



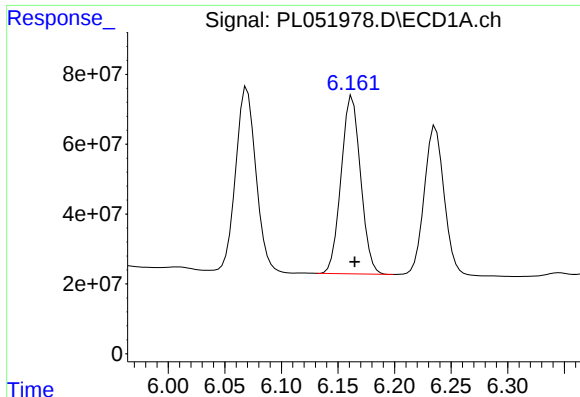
#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.003 min
Response: 579960056
Conc: 47.36 ng/ml



#16 4,4'-DDD

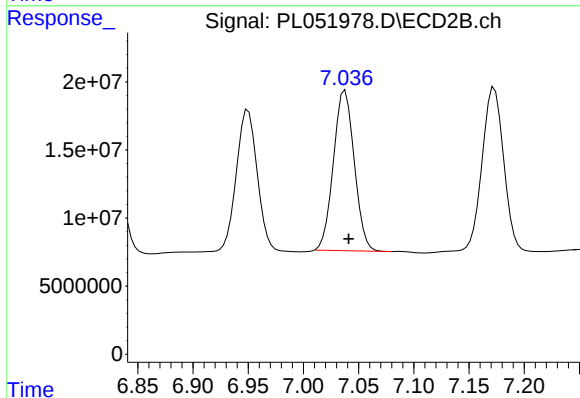
R.T.: 6.741 min
Delta R.T.: -0.003 min
Response: 160620564
Conc: 59.33 ng/ml



#17 4,4'-DDT

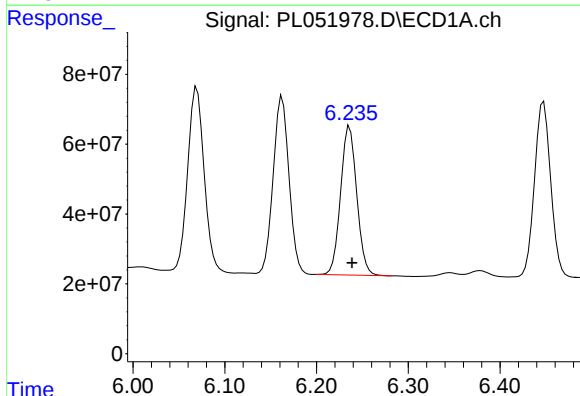
R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 610365305
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



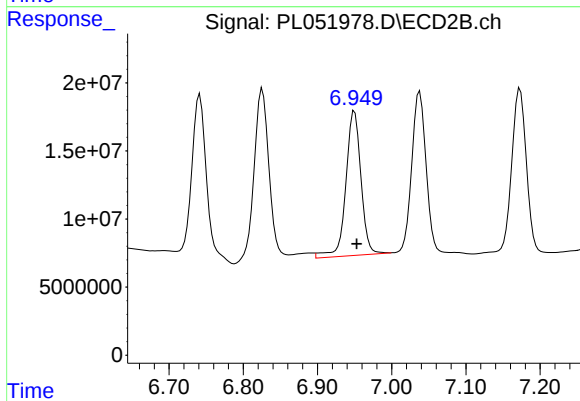
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: -0.003 min
Response: 154607661
Conc: 52.81 ng/ml



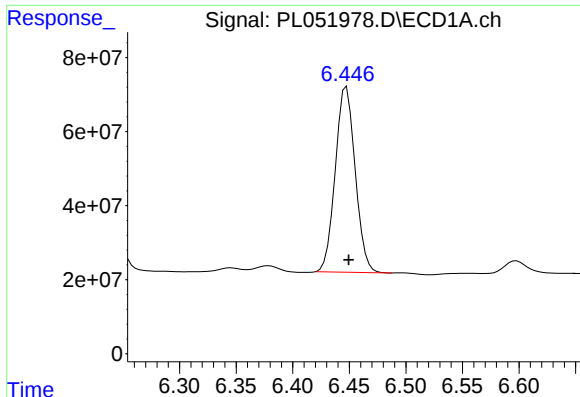
#18 Endrin aldehyde

R.T.: 6.236 min
Delta R.T.: -0.003 min
Response: 521341339
Conc: 44.81 ng/ml



#18 Endrin aldehyde

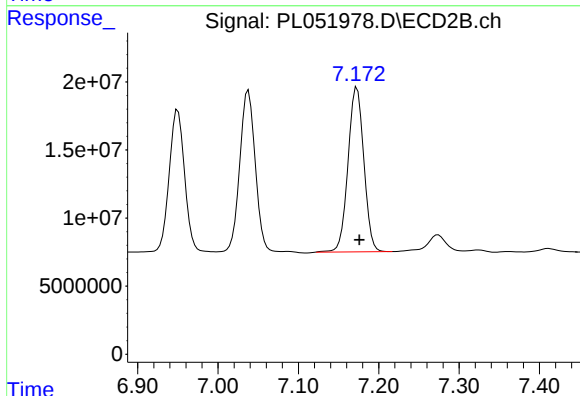
R.T.: 6.950 min
Delta R.T.: -0.003 min
Response: 150084196
Conc: 53.10 ng/ml



#19 Endosulfan Sulfate

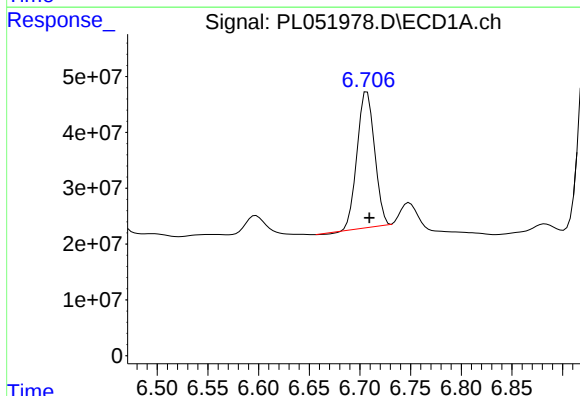
R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 612840774
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



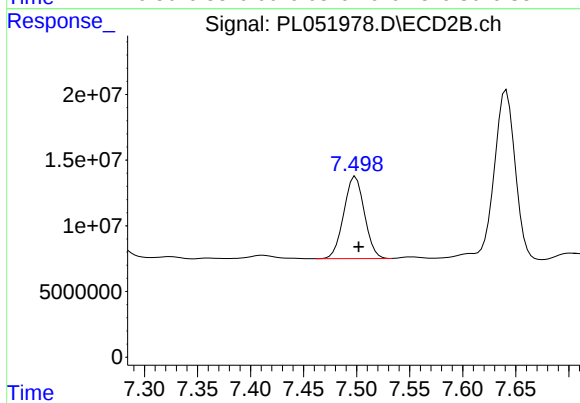
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 165168704
Conc: 53.49 ng/ml



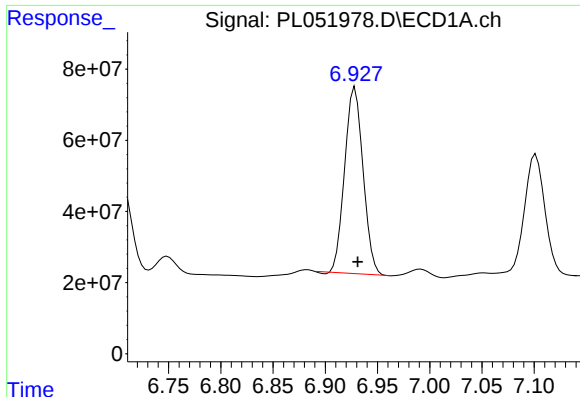
#20 Methoxychlor

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 291979138
Conc: 43.07 ng/ml



#20 Methoxychlor

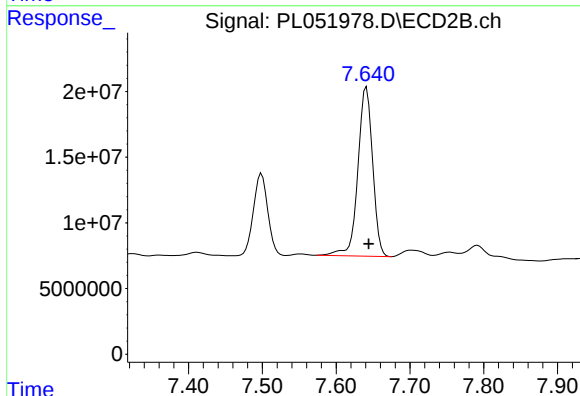
R.T.: 7.499 min
Delta R.T.: -0.003 min
Response: 84422406
Conc: 50.34 ng/ml



#21 Endrin ketone

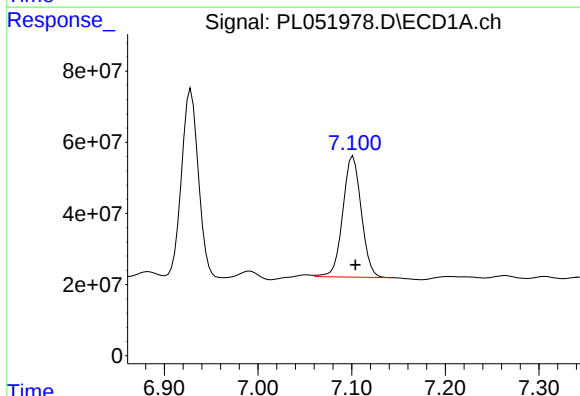
R.T.: 6.928 min
Delta R.T.: -0.003 min
Response: 640566891
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



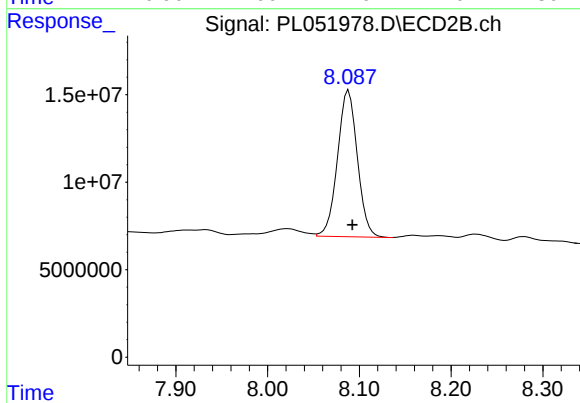
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 179063998
Conc: 55.97 ng/ml



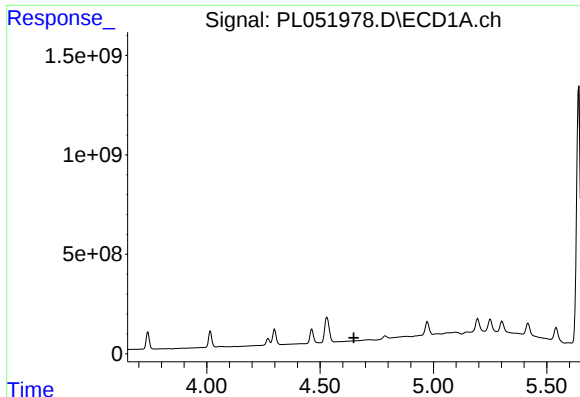
#22 Mirex

R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 466154618
Conc: 44.03 ng/ml



#22 Mirex

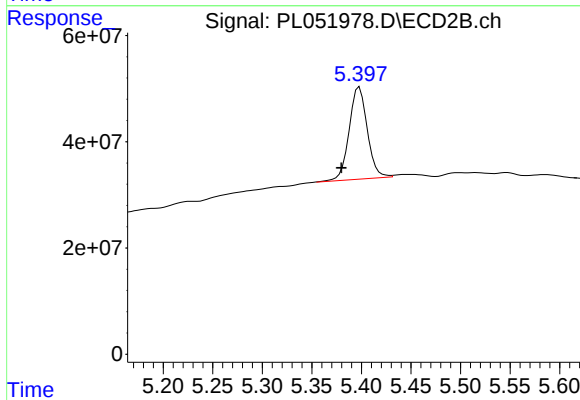
R.T.: 8.088 min
Delta R.T.: -0.004 min
Response: 125762464
Conc: 51.70 ng/ml



#24 Chlordane-2

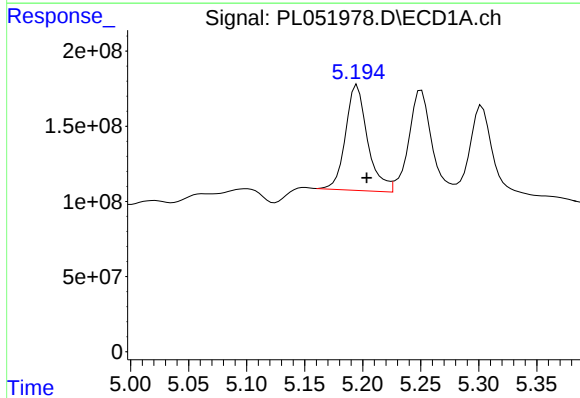
R.T.: 0.000 min
Exp R.T.: 4.649 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



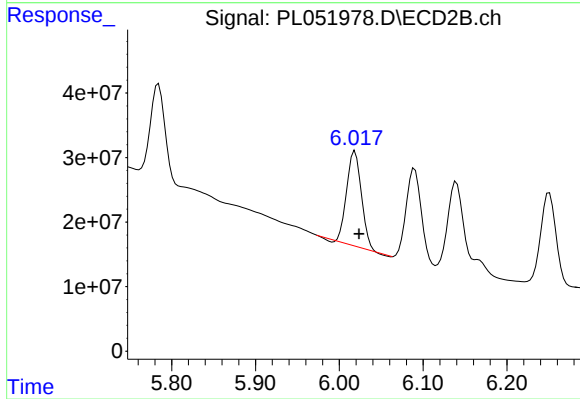
#24 Chlordane-2

R.T.: 5.398 min
Delta R.T.: 0.018 min
Response: 220827506
Conc: 2200.12 ng/ml



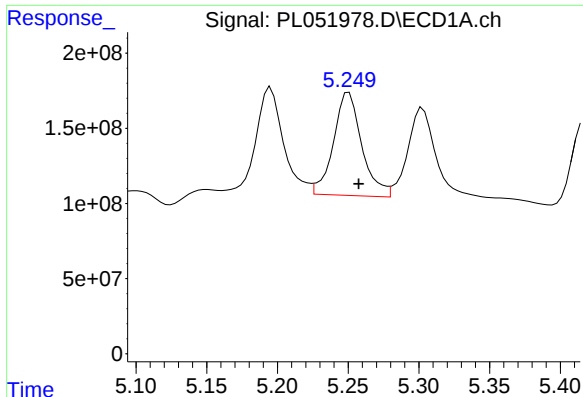
#25 Chlordane-3

R.T.: 5.195 min
Delta R.T.: -0.008 min
Response: 928976499
Conc: 715.51 ng/ml



#25 Chlordane-3

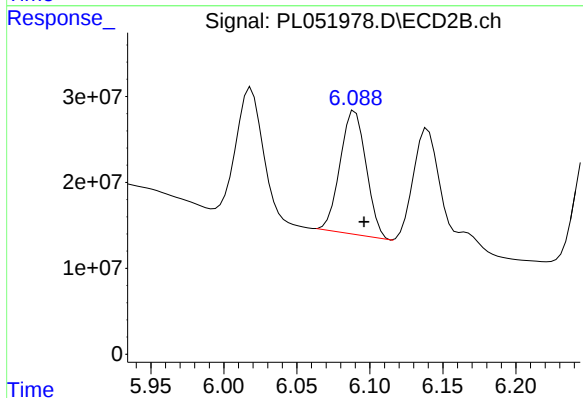
R.T.: 6.019 min
Delta R.T.: -0.005 min
Response: 180519970
Conc: 405.17 ng/ml



#26 Chlordane-4

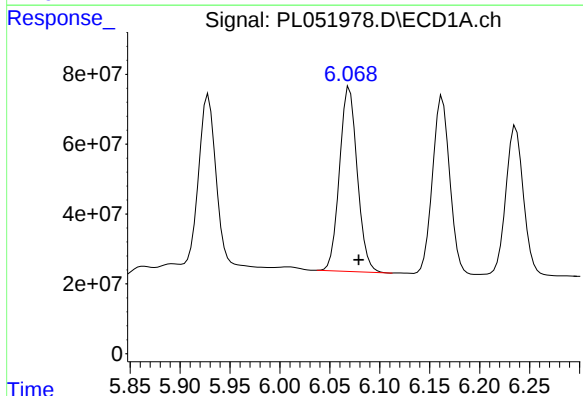
R.T.: 5.251 min
Delta R.T.: -0.007 min
Response: 957306908
Conc: 785.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



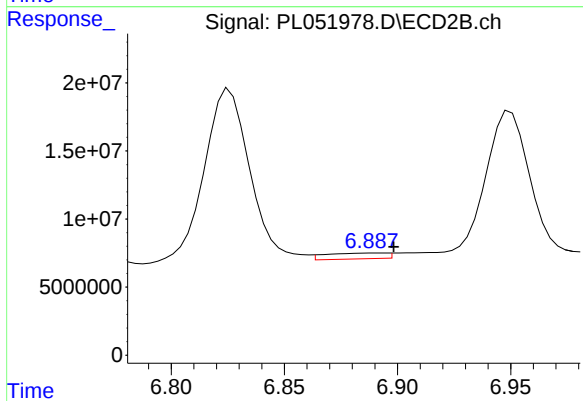
#26 Chlordane-4

R.T.: 6.090 min
Delta R.T.: -0.006 min
Response: 178785456
Conc: 329.19 ng/ml



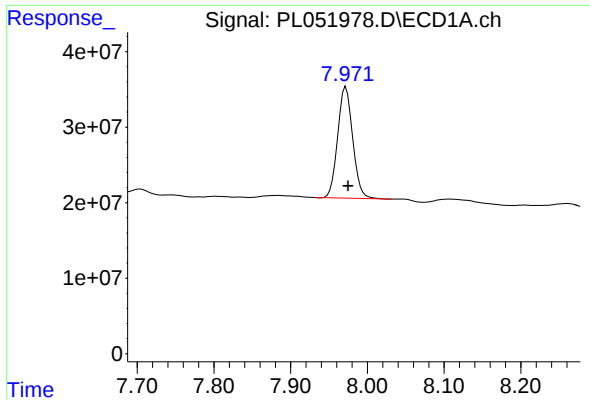
#27 Chlordane-5

R.T.: 6.070 min
Delta R.T.: -0.009 min
Response: 654750682
Conc: 1334.27 ng/ml



#27 Chlordane-5

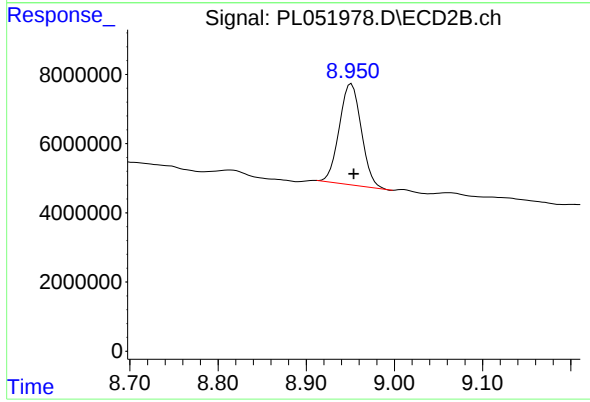
R.T.: 6.891 min
Delta R.T.: -0.007 min
Response: 7991672
Conc: 81.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.972 min
Delta R.T.: -0.003 min
Response: 200548211
Conc: 16.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MS



#28 Decachlorobiphenyl

R.T.: 8.951 min
Delta R.T.: -0.003 min
Response: 50868203
Conc: 16.71 ng/ml