

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082719\
 Data File : PL051811.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2019 14:48
 Operator : SG\AJ
 Sample : K4525-19MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 T9-12-13-C-(0-1.9)MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 00:46:00 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	136.7E6	33745744	15.976	15.446
28)	SA Decachlor...	7.973	8.951	176.1E6	40051702	14.506	13.158
Target Compounds							
2)	A alpha-BHC	3.741	4.312	598.4E6	136.8E6	41.299	42.468
3)	MA gamma-BHC...	4.016	4.596	580.9E6	133.8E6	44.150	42.513
4)	MA Heptachlor	4.300	5.096	663.0E6	145.7E6	43.793	41.543
5)	MB Aldrin	4.537	5.398	583.6E6	137.7E6	40.384	41.988
6)	B beta-BHC	4.271	4.773	254.3E6	59036794	44.529	40.508
7)	B delta-BHC	4.464	4.986	538.2E6	111.2E6	36.195	35.545
8)	B Heptachlo...	4.973	5.785	538.9E6	130.1E6	38.530	38.542
9)	A Endosulfan I	5.303	6.140	478.3E6	122.9E6	35.581	37.999
10)	B gamma-Chl...	5.195	6.019	557.0E6	134.1E6	37.302	36.728
11)	B alpha-Chl...	5.251	6.091	537.4E6	133.4E6	37.138	38.659
12)	B 4,4'-DDE	5.418	6.250	543.8E6	124.1E6	39.738	35.247
13)	MA Dieldrin	5.542	6.397	673.3E6	134.3E6	44.282	39.227
14)	MA Endrin	5.795	6.614	544.0E6	120.3E6	37.299	39.781
15)	B Endosulfa...	6.070	6.826	509.9E6	129.7E6	36.647	39.362
16)	A 4,4'-DDD	5.929	6.742	431.3E6	118.5E6	35.219	43.755
17)	MA 4,4'-DDT	6.163	7.038	453.2E6	108.6E6	35.542	37.091
18)	B Endrin al...	6.236	6.950	390.8E6	103.1E6	33.597	36.487
19)	B Endosulfa...	6.448	7.173	473.0E6	119.1E6	36.358	38.570
20)	A Methoxychlor	6.708	7.500	246.2E6	59622207	36.319	35.549
21)	B Endrin ke...	6.929	7.641	499.8E6	122.6E6	35.327	38.314
22)	Mirex	7.102	8.089	362.0E6	96893356	34.194	39.829
23)	Chlordane-1	4.164	0.000	19529778	0	60.620	N.D. #
24)	Chlordane-2	0.000	5.398f	0	137.7E6	N.D.	1371.659 #
25)	Chlordane-3	5.195	6.019	557.0E6	134.1E6	429.007	300.974 #
26)	Chlordane-4	5.251	6.091	537.4E6	133.4E6	440.750	245.642 #
27)	Chlordane-5	6.070	6.884	509.9E6	4880869	1039.090	49.510 #

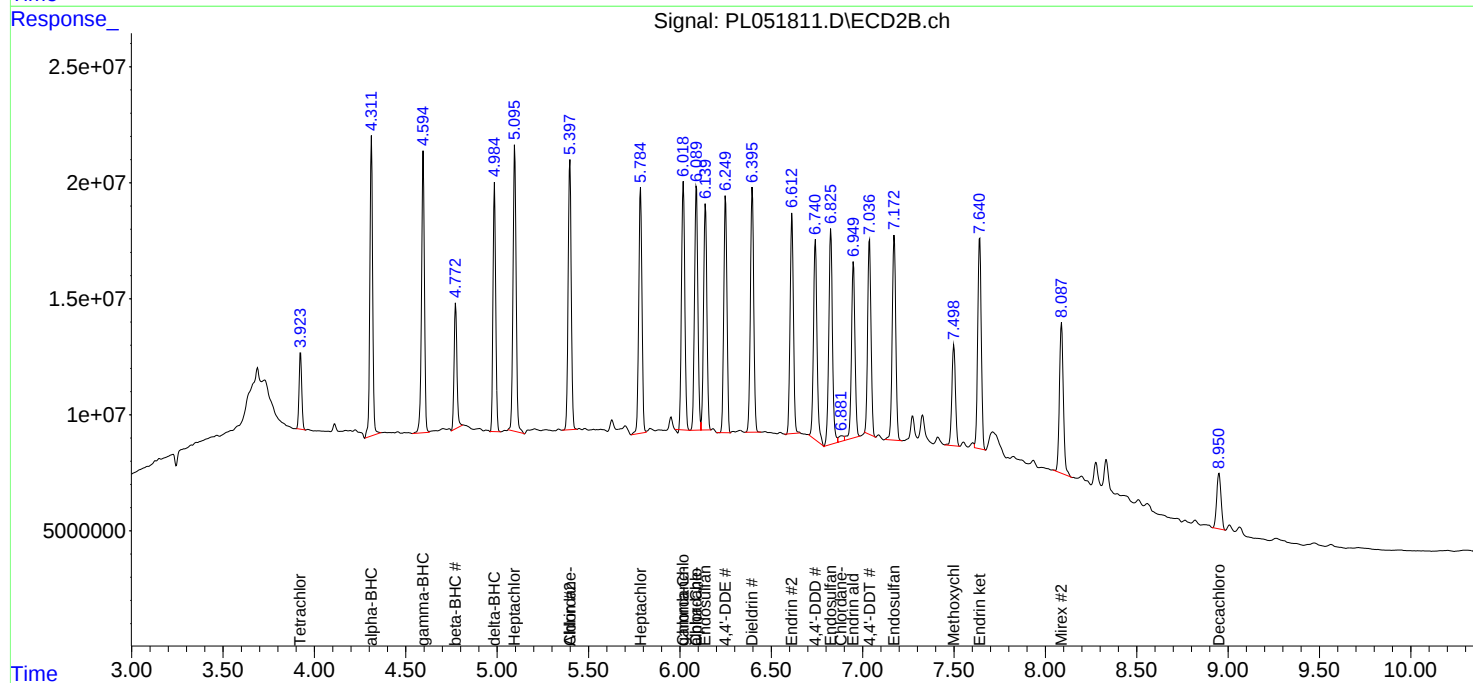
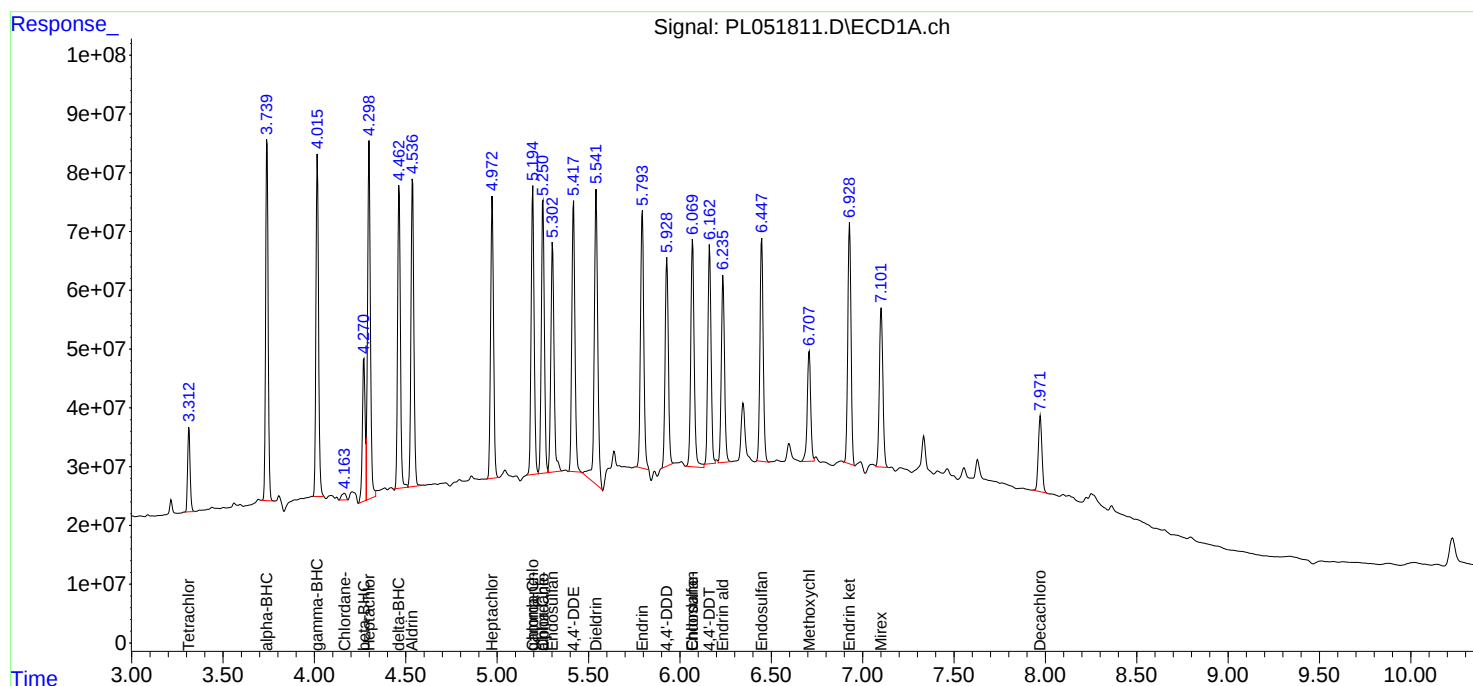
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

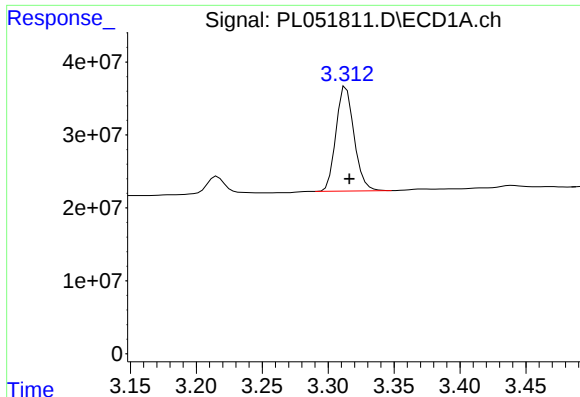
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082719\
Data File : PL051811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Aug 2019 14:48
Operator : SG\AJ
Sample : K4525-19MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
T9-12-13-C-(0-1.9)MS

Integration File signal 1: autoint1.e
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Quant Time: Aug 28 00:46:00 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

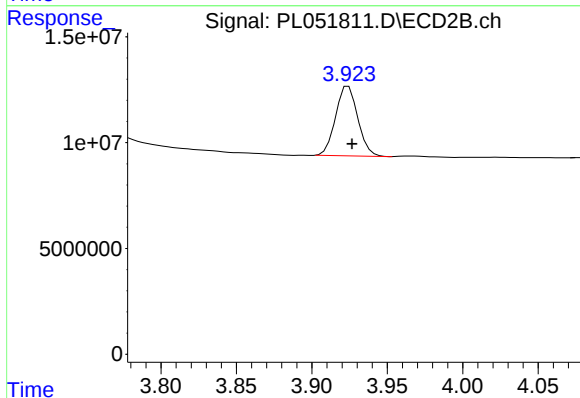




#1 Tetrachloro-m-xylene

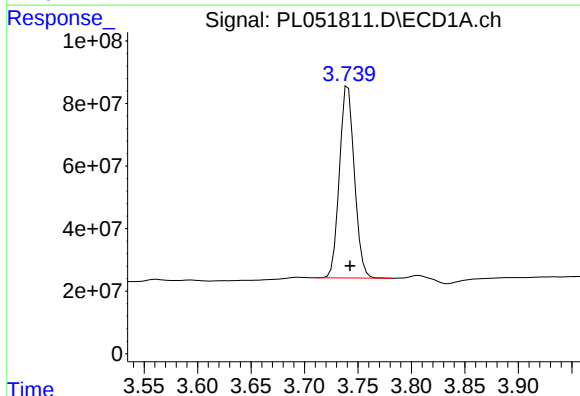
R.T.: 3.314 min
Delta R.T.: -0.002 min
Response: 136729880
Conc: 15.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



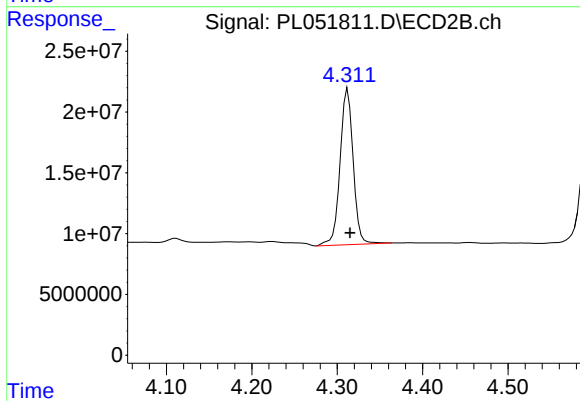
#1 Tetrachloro-m-xylene

R.T.: 3.924 min
Delta R.T.: -0.002 min
Response: 33745744
Conc: 15.45 ng/ml



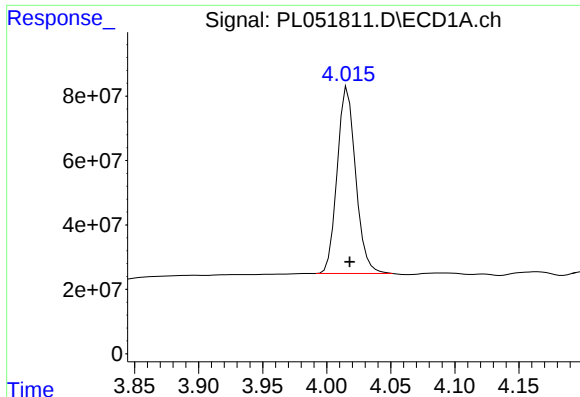
#2 alpha-BHC

R.T.: 3.741 min
Delta R.T.: -0.002 min
Response: 598413358
Conc: 41.30 ng/ml



#2 alpha-BHC

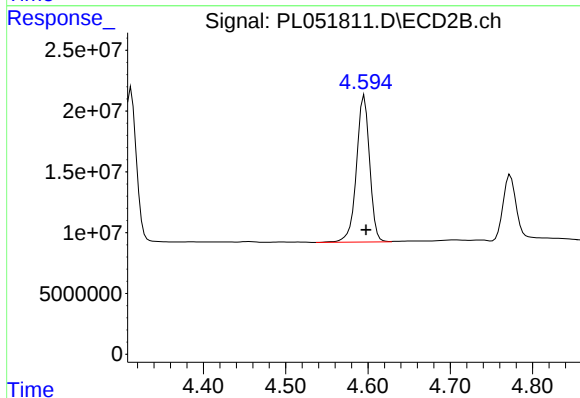
R.T.: 4.312 min
Delta R.T.: -0.003 min
Response: 136846869
Conc: 42.47 ng/ml



#3 gamma-BHC (Lindane)

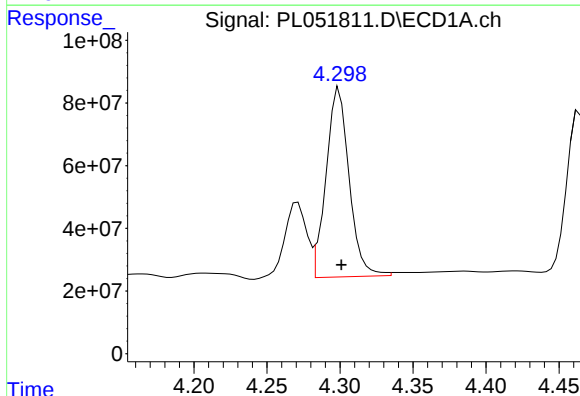
R.T.: 4.016 min
Delta R.T.: -0.002 min
Response: 580857214
Conc: 44.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



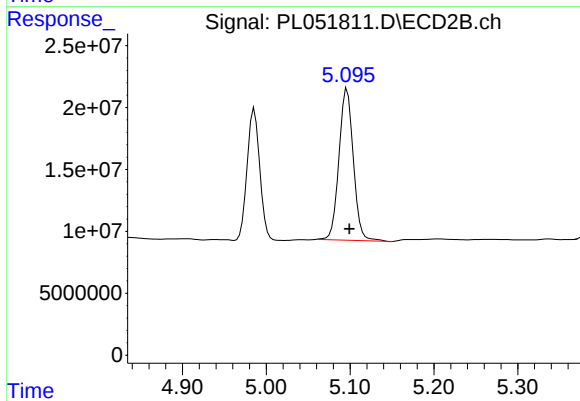
#3 gamma-BHC (Lindane)

R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 133843228
Conc: 42.51 ng/ml



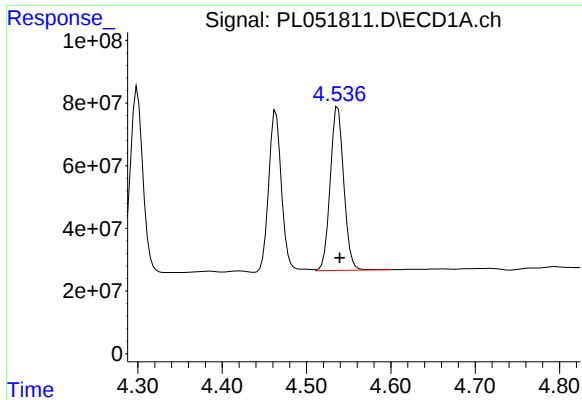
#4 Heptachlor

R.T.: 4.300 min
Delta R.T.: -0.001 min
Response: 662966713
Conc: 43.79 ng/ml



#4 Heptachlor

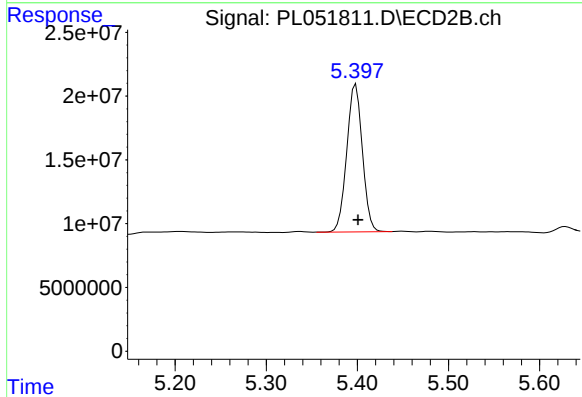
R.T.: 5.096 min
Delta R.T.: -0.003 min
Response: 145687563
Conc: 41.54 ng/ml



#5 Aldrin

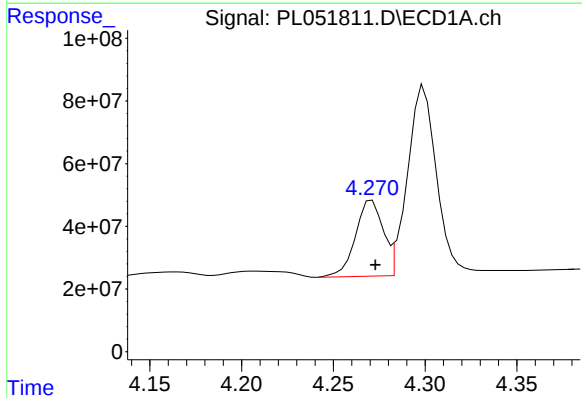
R.T.: 4.537 min
Delta R.T.: -0.002 min
Response: 583576292
Conc: 40.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



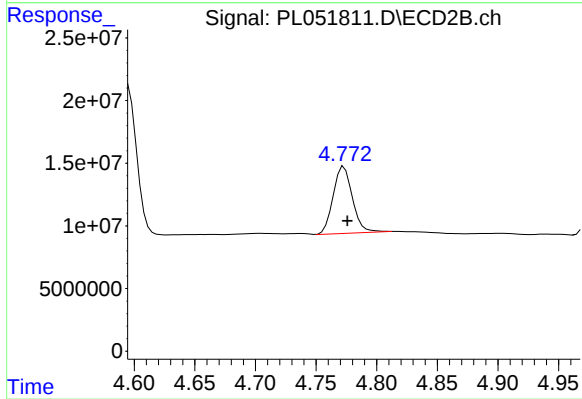
#5 Aldrin

R.T.: 5.398 min
Delta R.T.: -0.003 min
Response: 137674231
Conc: 41.99 ng/ml



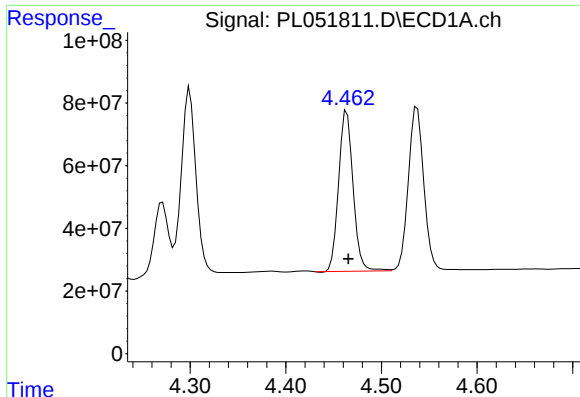
#6 beta-BHC

R.T.: 4.271 min
Delta R.T.: -0.002 min
Response: 254264395
Conc: 44.53 ng/ml



#6 beta-BHC

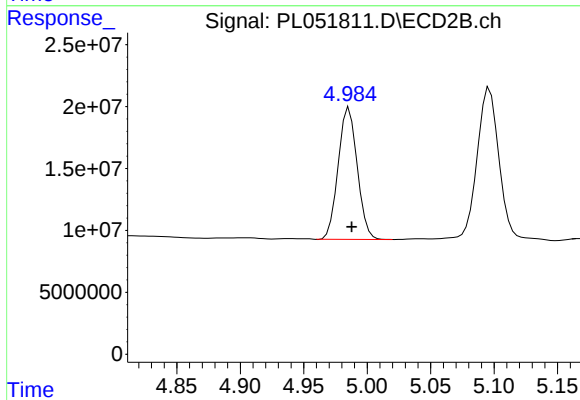
R.T.: 4.773 min
Delta R.T.: -0.003 min
Response: 59036794
Conc: 40.51 ng/ml



#7 delta-BHC

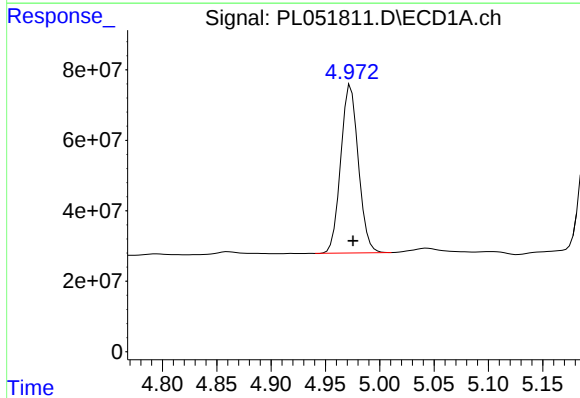
R.T.: 4.464 min
Delta R.T.: -0.002 min
Response: 538189705
Conc: 36.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



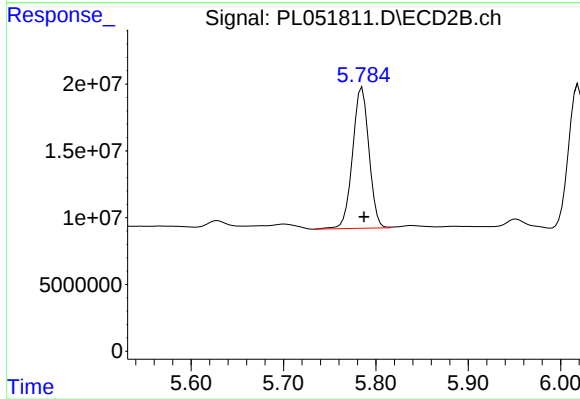
#7 delta-BHC

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 111248162
Conc: 35.55 ng/ml



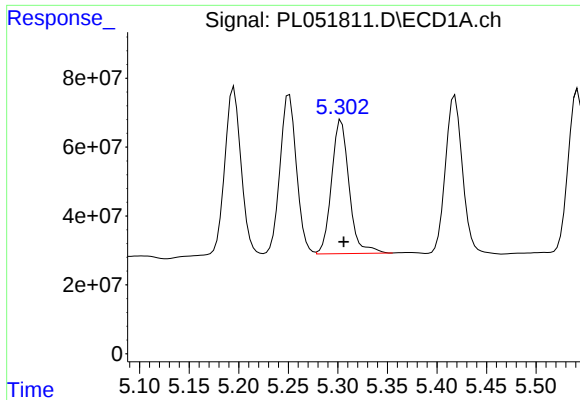
#8 Heptachlor epoxide

R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 538857266
Conc: 38.53 ng/ml



#8 Heptachlor epoxide

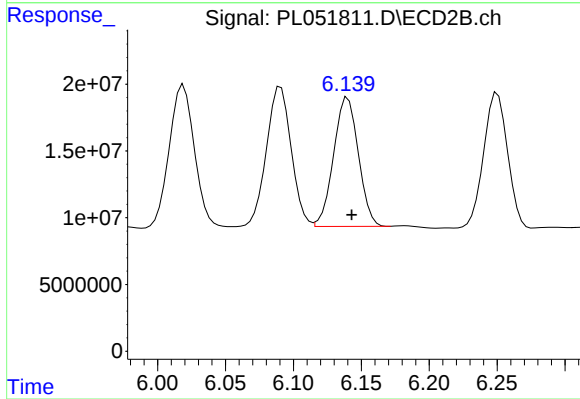
R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 130072570
Conc: 38.54 ng/ml



#9 Endosulfan I

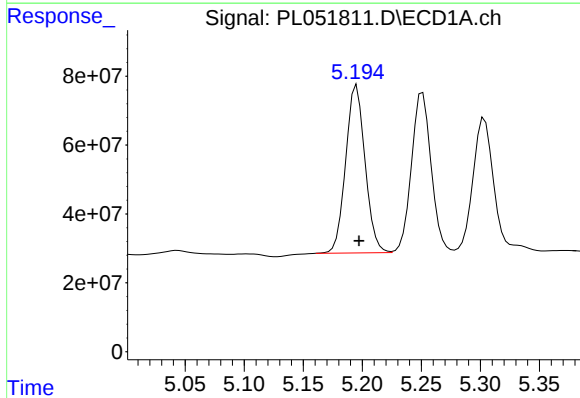
R.T.: 5.303 min
Delta R.T.: -0.002 min
Response: 478337638
Conc: 35.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



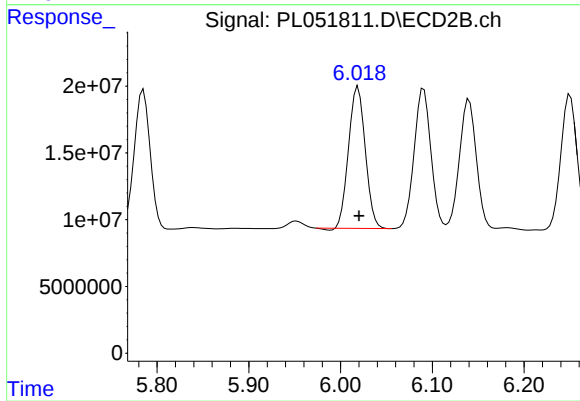
#9 Endosulfan I

R.T.: 6.140 min
Delta R.T.: -0.003 min
Response: 122858923
Conc: 38.00 ng/ml



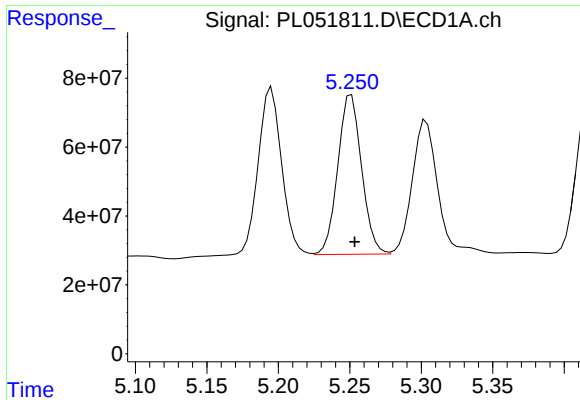
#10 gamma-Chlordane

R.T.: 5.195 min
Delta R.T.: -0.002 min
Response: 556996972
Conc: 37.30 ng/ml



#10 gamma-Chlordane

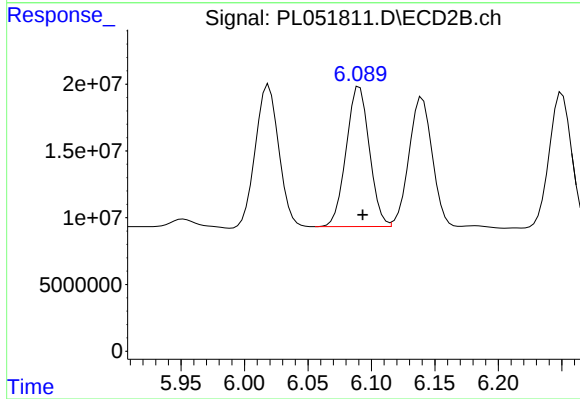
R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 134096145
Conc: 36.73 ng/ml



#11 alpha-Chlordane

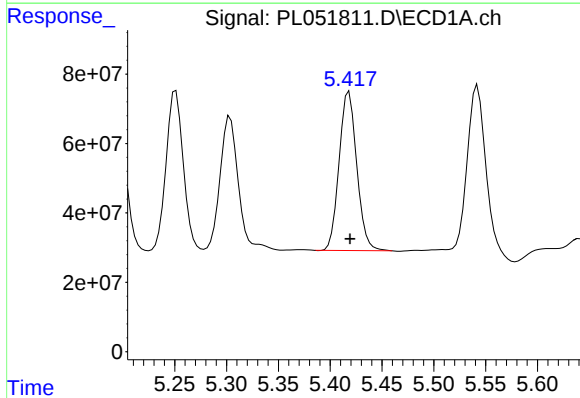
R.T.: 5.251 min
Delta R.T.: -0.002 min
Response: 537431919
Conc: 37.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



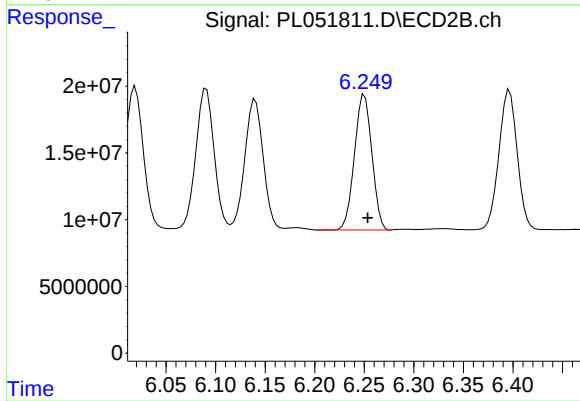
#11 alpha-Chlordane

R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 133411297
Conc: 38.66 ng/ml



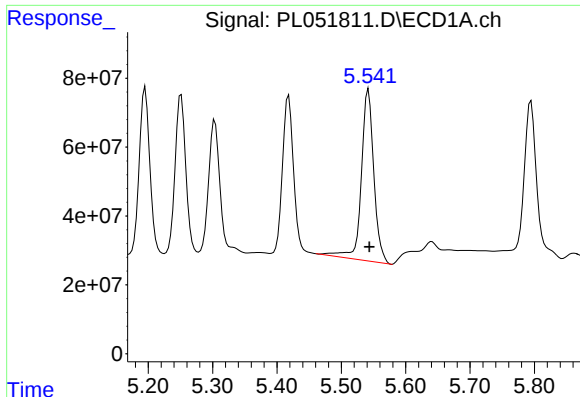
#12 4,4'-DDE

R.T.: 5.418 min
Delta R.T.: -0.001 min
Response: 543843275
Conc: 39.74 ng/ml



#12 4,4'-DDE

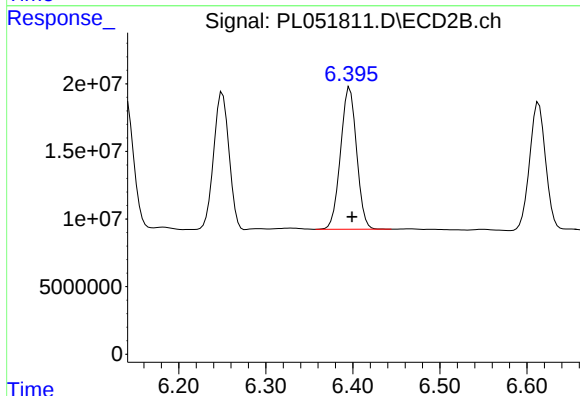
R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 124071668
Conc: 35.25 ng/ml



#13 Dieldrin

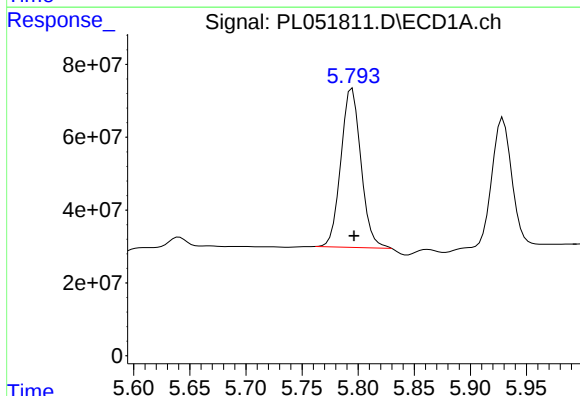
R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 673309987
Conc: 44.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



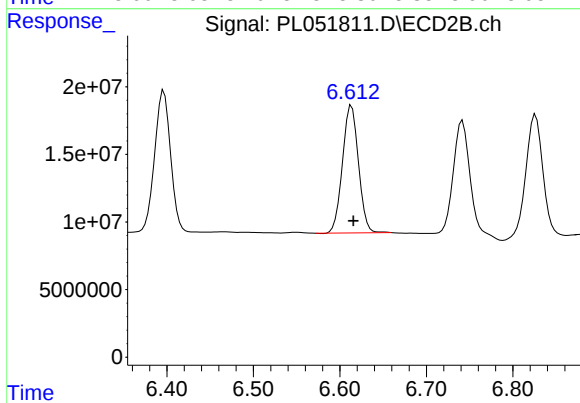
#13 Dieldrin

R.T.: 6.397 min
Delta R.T.: -0.003 min
Response: 134336847
Conc: 39.23 ng/ml



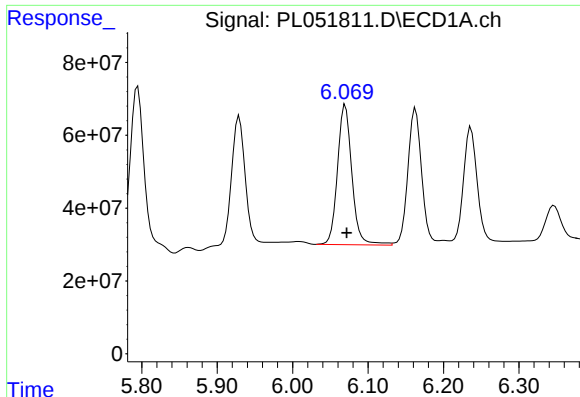
#14 Endrin

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 544041044
Conc: 37.30 ng/ml



#14 Endrin

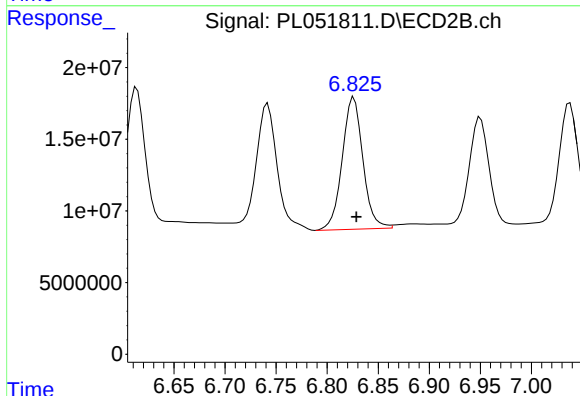
R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 120323387
Conc: 39.78 ng/ml



#15 Endosulfan II

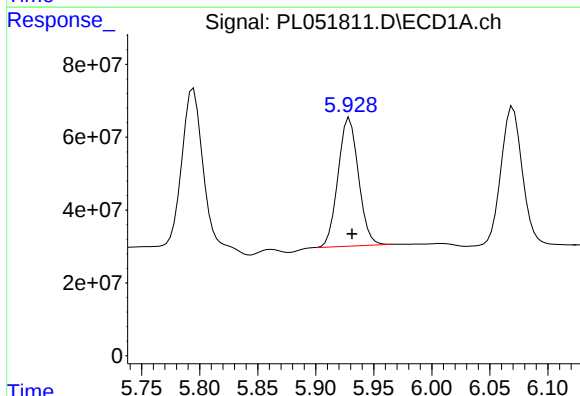
R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 509899483
Conc: 36.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



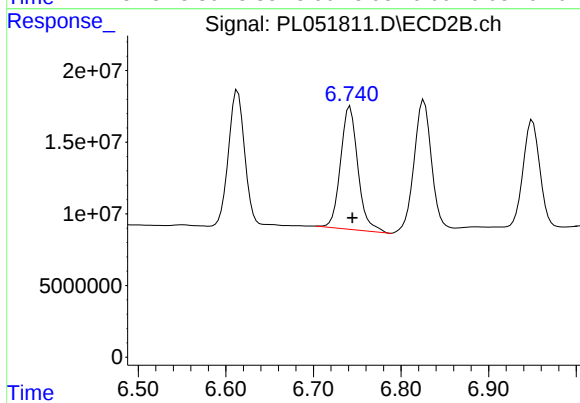
#15 Endosulfan II

R.T.: 6.826 min
Delta R.T.: -0.003 min
Response: 129737244
Conc: 39.36 ng/ml



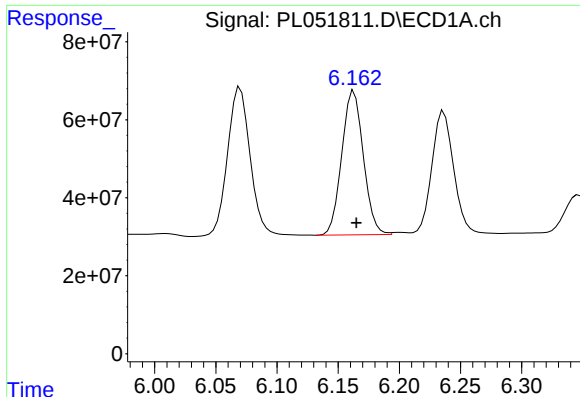
#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 431271628
Conc: 35.22 ng/ml



#16 4,4'-DDD

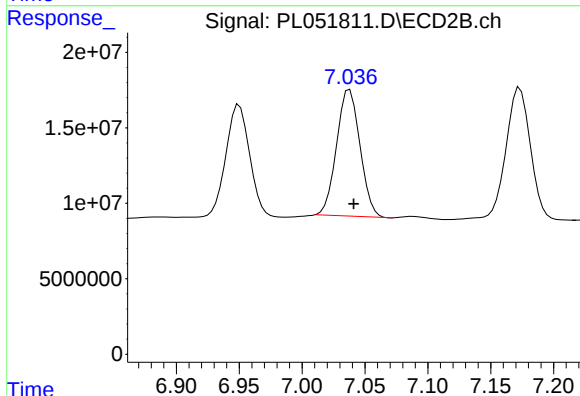
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 118458596
Conc: 43.75 ng/ml



#17 4,4'-DDT

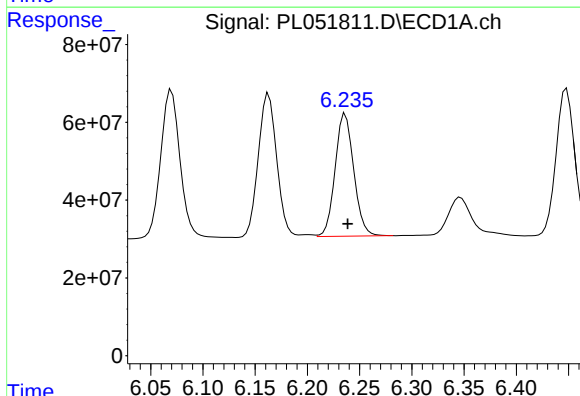
R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 453213315
Conc: 35.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



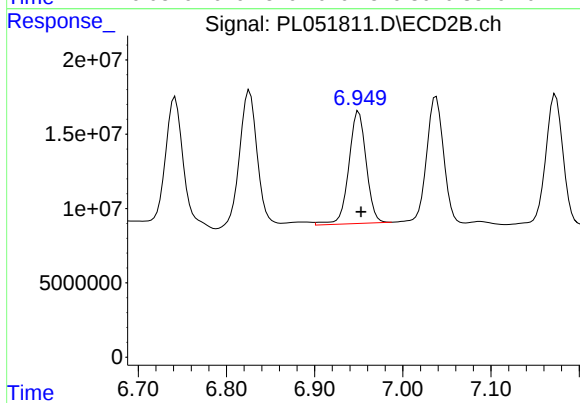
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: -0.003 min
Response: 108591595
Conc: 37.09 ng/ml



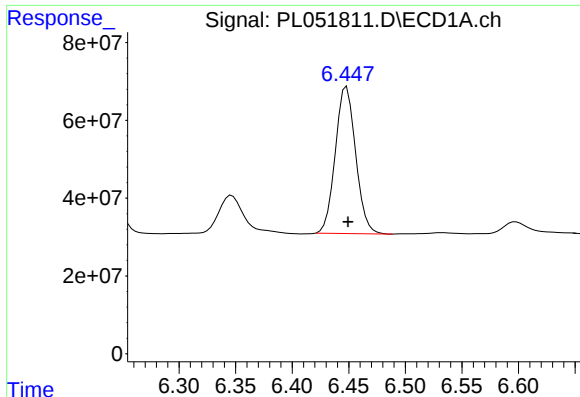
#18 Endrin aldehyde

R.T.: 6.236 min
Delta R.T.: -0.002 min
Response: 390844630
Conc: 33.60 ng/ml



#18 Endrin aldehyde

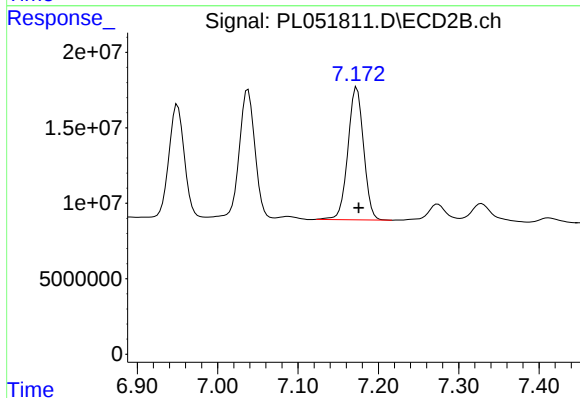
R.T.: 6.950 min
Delta R.T.: -0.003 min
Response: 103118639
Conc: 36.49 ng/ml



#19 Endosulfan Sulfate

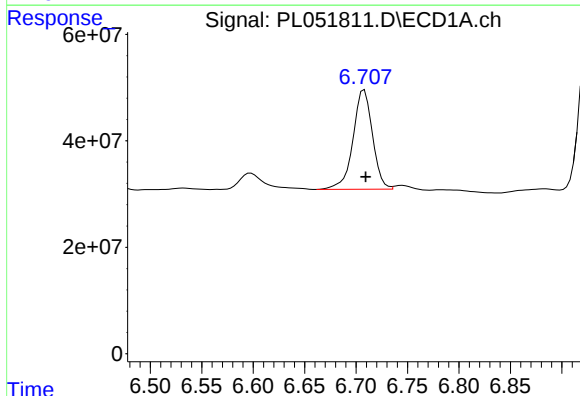
R.T.: 6.448 min
Delta R.T.: -0.001 min
Response: 472988687
Conc: 36.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



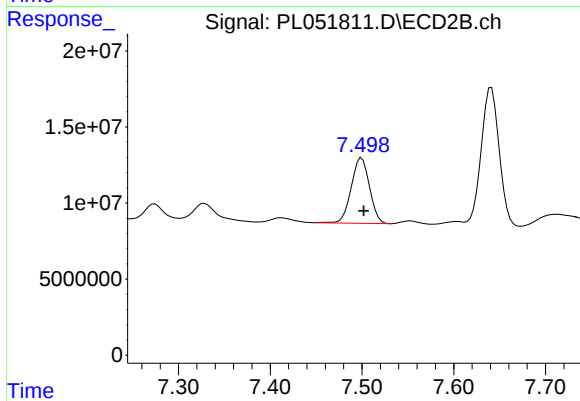
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 119105662
Conc: 38.57 ng/ml



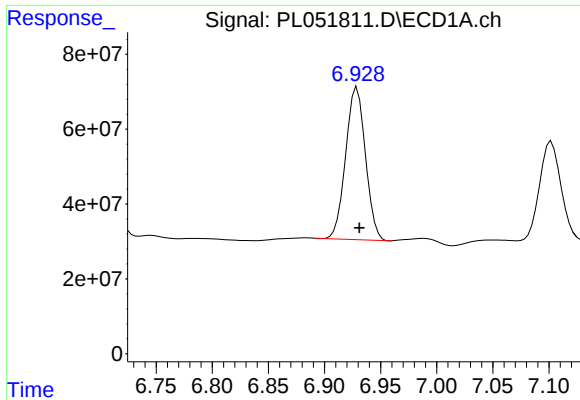
#20 Methoxychlor

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 246235428
Conc: 36.32 ng/ml



#20 Methoxychlor

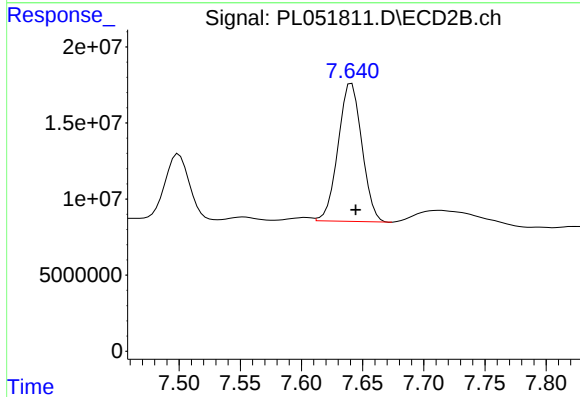
R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 59622207
Conc: 35.55 ng/ml



#21 Endrin ketone

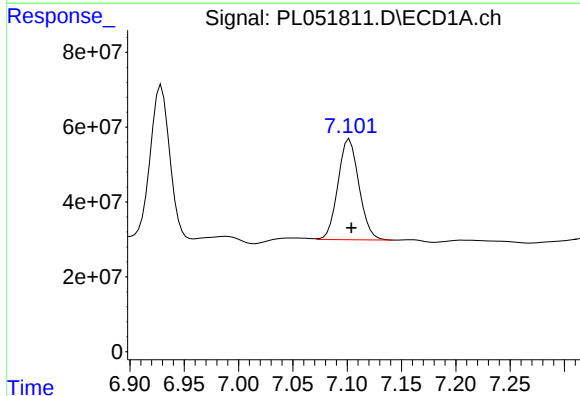
R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 499763915
Conc: 35.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



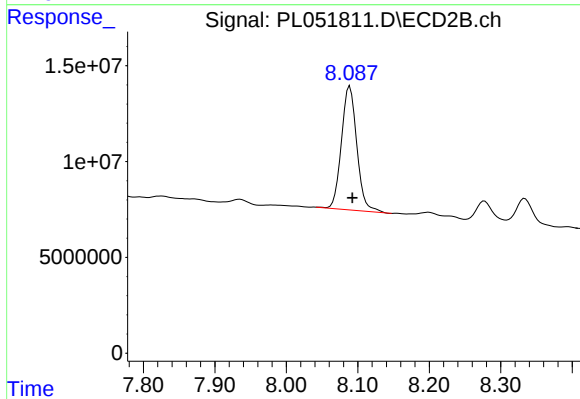
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 122583980
Conc: 38.31 ng/ml



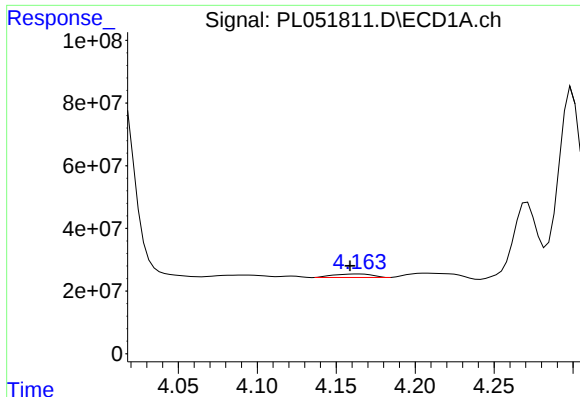
#22 Mirex

R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 362025953
Conc: 34.19 ng/ml



#22 Mirex

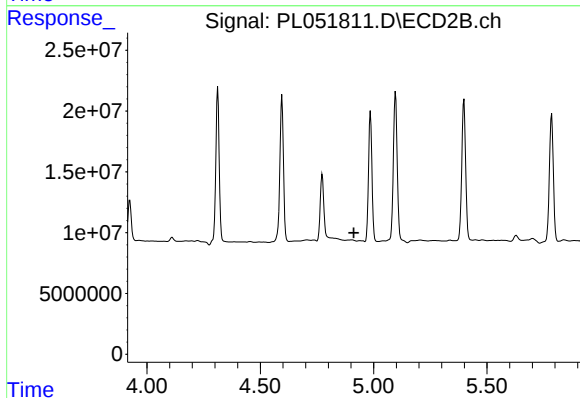
R.T.: 8.089 min
Delta R.T.: -0.003 min
Response: 96893356
Conc: 39.83 ng/ml



#23 Chlordane-1

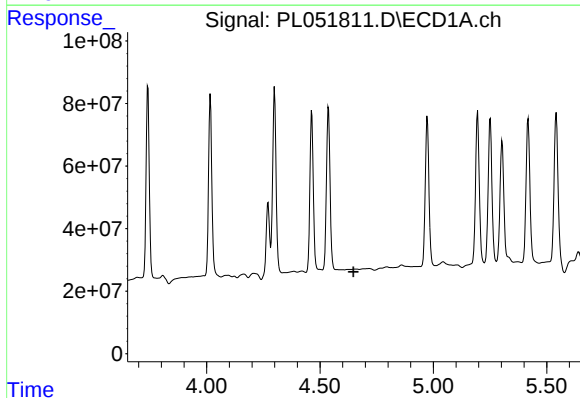
R.T.: 4.164 min
Delta R.T.: 0.006 min
Response: 19529778
Conc: 60.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



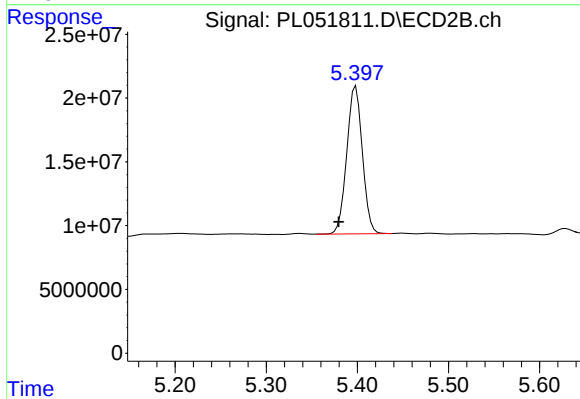
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.913 min
Response: 0
Conc: N.D.



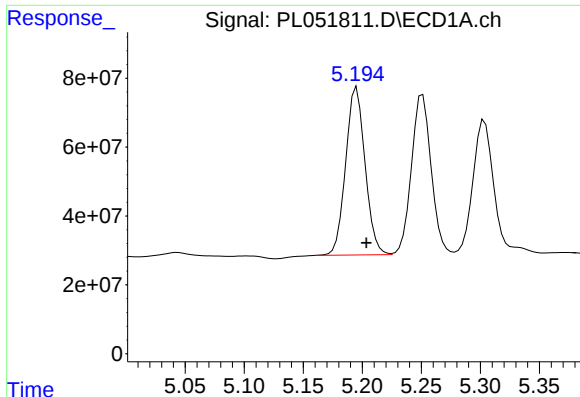
#24 Chlordane-2

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



#24 Chlordane-2

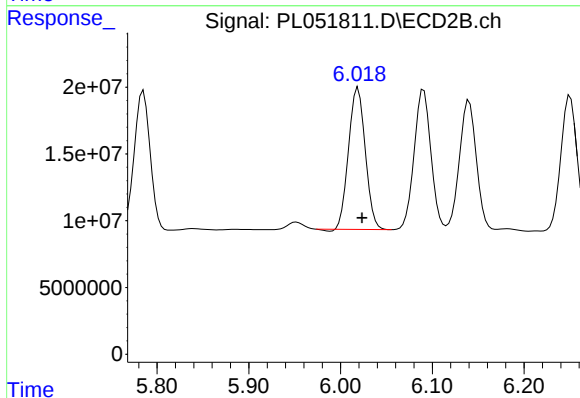
R.T.: 5.398 min
Delta R.T.: 0.019 min
Response: 137674231
Conc: 1371.66 ng/ml



#25 Chlordane-3

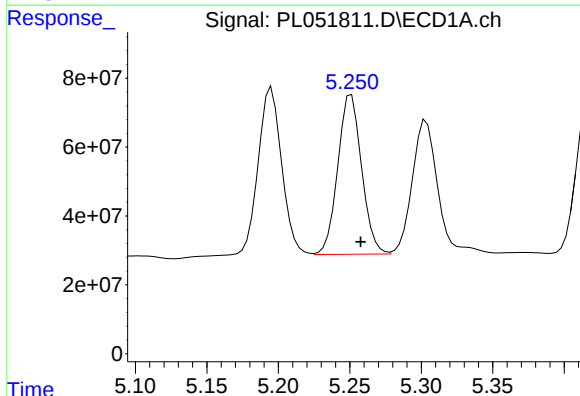
R.T.: 5.195 min
Delta R.T.: -0.008 min
Response: 556996972
Conc: 429.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



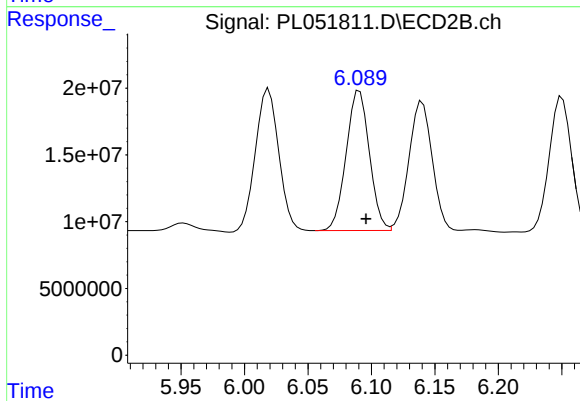
#25 Chlordane-3

R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: 134096145
Conc: 300.97 ng/ml



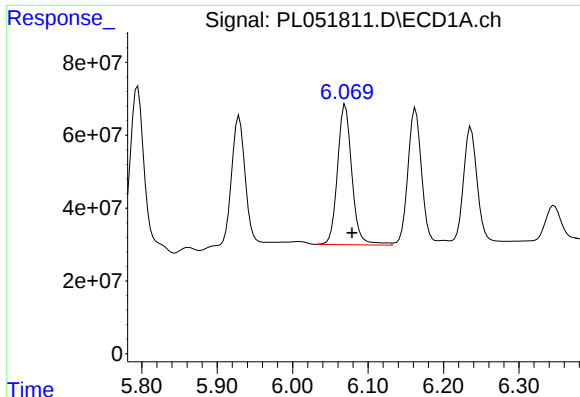
#26 Chlordane-4

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 537431919
Conc: 440.75 ng/ml



#26 Chlordane-4

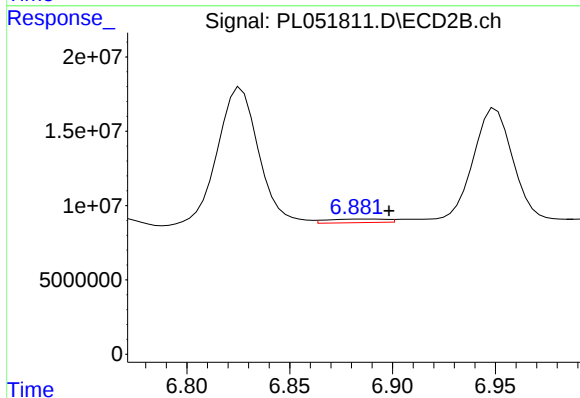
R.T.: 6.091 min
Delta R.T.: -0.005 min
Response: 133411297
Conc: 245.64 ng/ml



#27 Chlordane-5

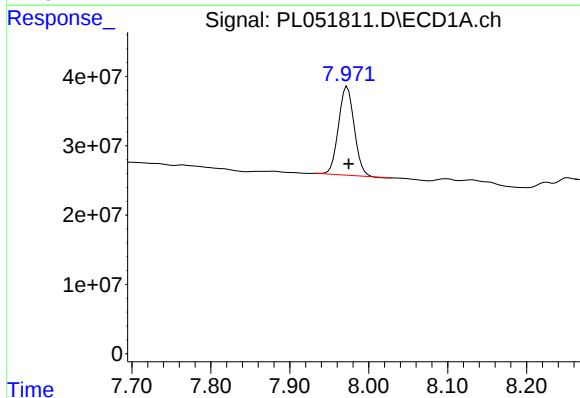
R.T.: 6.070 min
Delta R.T.: -0.009 min
Response: 509899483
Conc: 1039.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-12-13-C-(0-1.9)MS



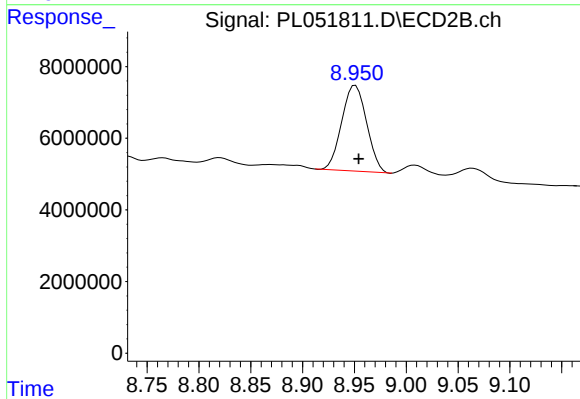
#27 Chlordane-5

R.T.: 6.884 min
Delta R.T.: -0.014 min
Response: 4880869
Conc: 49.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.973 min
Delta R.T.: -0.002 min
Response: 176066238
Conc: 14.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.951 min
Delta R.T.: -0.003 min
Response: 40051702
Conc: 13.16 ng/ml