

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081021\
 Data File : PL068902.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2021 03:50
 Operator : AR\AJ
 Sample : 500PPB SPIK SOL.
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 500PPB SPIK SOL.

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 04:12:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080521.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 06 03:02:43 2021
 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...	0.000	5.582	0	43594804	N.D.	42.936 #
28)	SA Decachlor...	10.429f	0.000	294101	0	0.512	N.D. #
Target Compounds							
2)	A alpha-BHC	5.344	6.149	307.0E6	807.9E6	555.017	593.266
3)	MA gamma-BHC...	5.767	6.545	294.0E6	762.3E6	541.617	585.891
4)	MA Heptachlor	6.178	7.194	310.3E6	776.2E6	528.241	578.210
5)	MB Aldrin	6.503	7.565	304.3E6	740.6E6	569.038	613.640
6)	B beta-BHC	6.146	6.797	133.1E6	353.8E6	472.255	546.127
7)	B delta-BHC	6.407	7.065	94923253	248.8E6	176.912	197.518
8)	B Heptachlor...	7.079	8.031	280.8E6	656.4E6	526.799	567.800
9)	A Endosulfan I	7.482	8.437	268.0E6	605.3E6	527.877	573.977
10)	B gamma-Chl...	7.356	8.300	300.4E6	676.0E6	548.137	590.238
11)	B alpha-Chl...	7.426	8.381	287.7E6	643.3E6	522.712	560.155
12)	B 4,4'-DDE	7.640	8.568	297.6E6	658.8E6	616.032	623.314
13)	MA Dieldrin	7.768	8.725	299.3E6	640.3E6	578.652	590.865
14)	MA Endrin	8.059	8.964	222.7E6	436.4E6	462.022	480.786
15)	B Endosulfa...	8.369	9.198	250.4E6	511.3E6	522.090	557.465
16)	A 4,4'-DDD	8.224	9.107	255.1E6	520.3E6	594.325	608.870
17)	MA 4,4'-DDT	8.486	9.425	227.8E6	441.9E6	469.032	466.967
18)	B Endrin al...	8.557	9.333	223.4E6	449.3E6	595.864	641.171
19)	B Endosulfa...	8.788	9.570	216.5E6	409.0E6	420.743	448.669
20)	A Methoxychlor	9.080	9.909	117.7E6	206.2E6	375.949	396.265
21)	B Endrin ke...	9.307	10.068	326.8E6	558.5E6	558.543	548.469
22)	Mirex	9.495	10.535	211.1E6	347.6E6	421.355	439.446
24)	Chlordane-2	6.673	7.565f	370134	740.6E6	17.631	17093.125 #
25)	Chlordane-3	7.356	8.300	300.4E6	676.0E6	5727.054	4138.054 #
26)	Chlordane-4	7.426	8.381	287.7E6	643.3E6	5168.688	3243.711 #
27)	Chlordane-5	8.369	0.000	250.4E6	0	12145.154	N.D. #

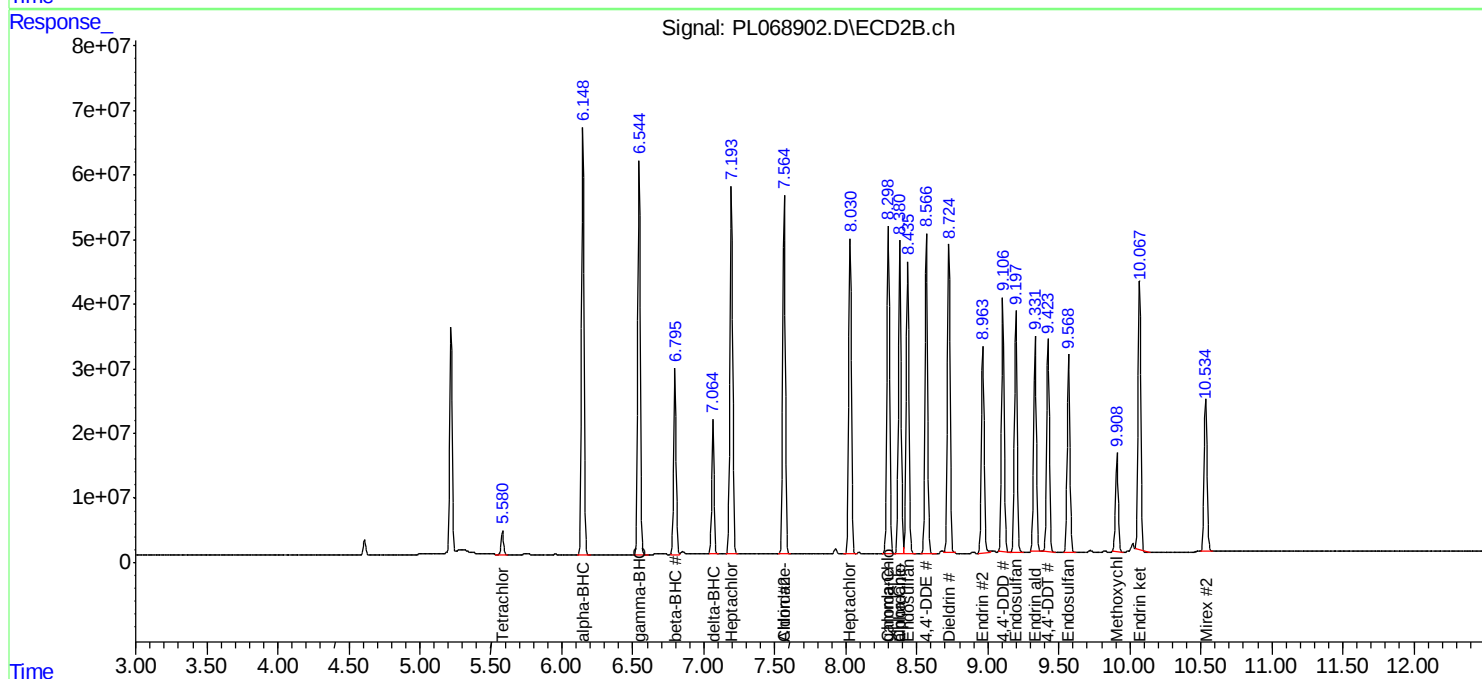
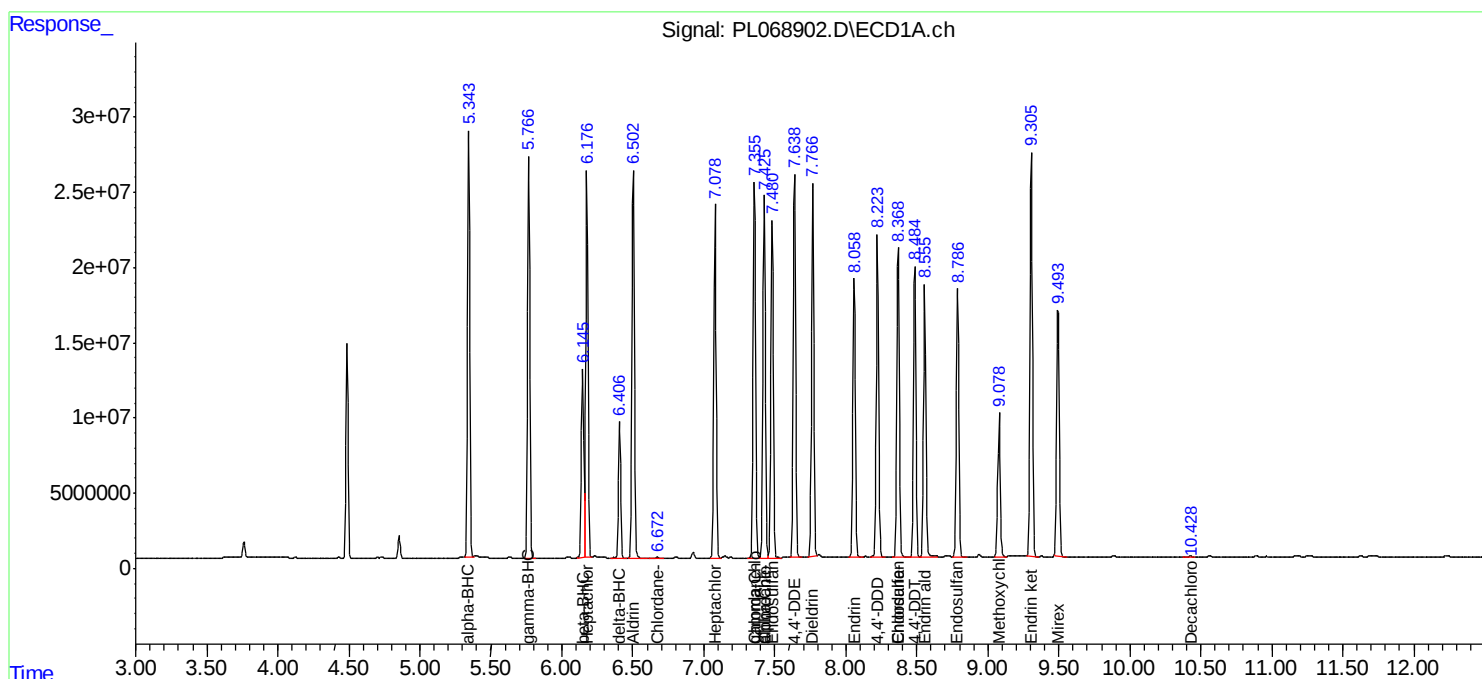
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

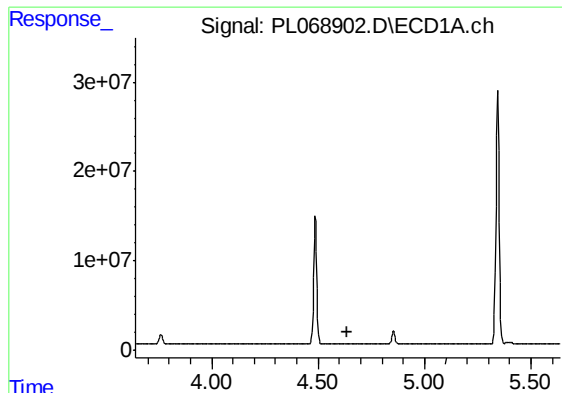
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081021\
Data File : PL068902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2021 03:50
Operator : AR\AJ
Sample : 500PPB SPIK SOL.
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 04:12:17 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080521.M
Quant Title : GC Extractables
QLast Update : Fri Aug 06 03:02:43 2021
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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

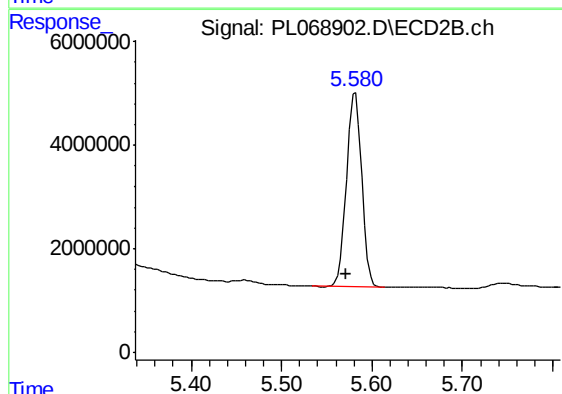




#1 Tetrachloro-m-xylene

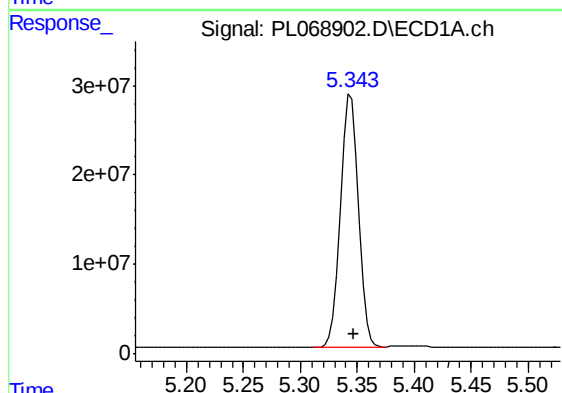
R.T.: 0.000 min
Exp R.T.: 4.640 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



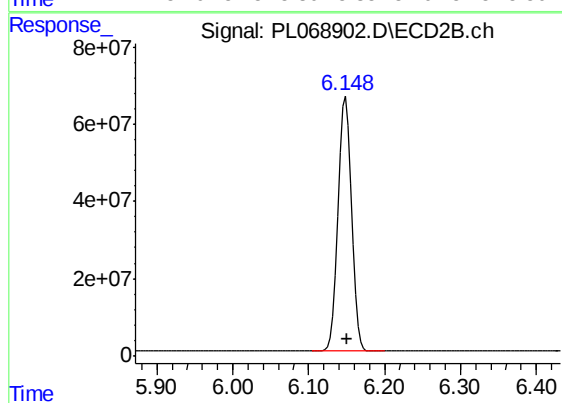
#1 Tetrachloro-m-xylene

R.T.: 5.582 min
Delta R.T.: 0.011 min
Response: 43594804
Conc: 42.94 ng/ml



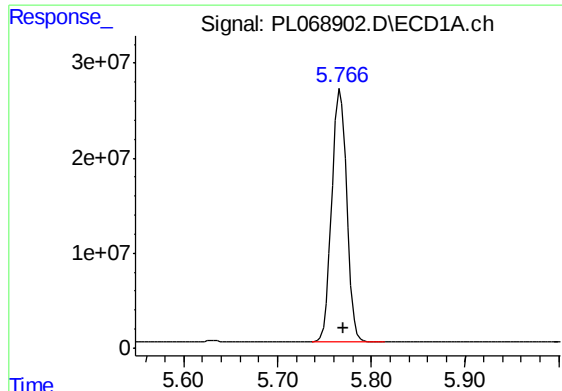
#2 alpha-BHC

R.T.: 5.344 min
Delta R.T.: -0.003 min
Response: 307008259
Conc: 555.02 ng/ml



#2 alpha-BHC

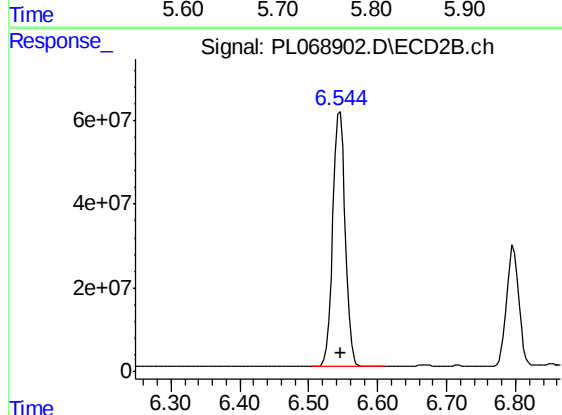
R.T.: 6.149 min
Delta R.T.: -0.002 min
Response: 807920704
Conc: 593.27 ng/ml



#3 gamma-BHC (Lindane)

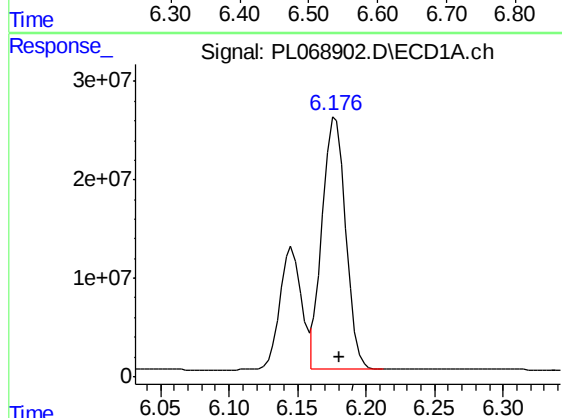
R.T.: 5.767 min
Delta R.T.: -0.003 min
Response: 293951287
Conc: 541.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



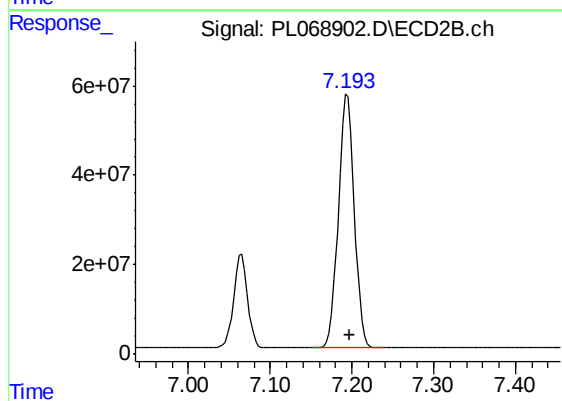
#3 gamma-BHC (Lindane)

R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 762296597
Conc: 585.89 ng/ml



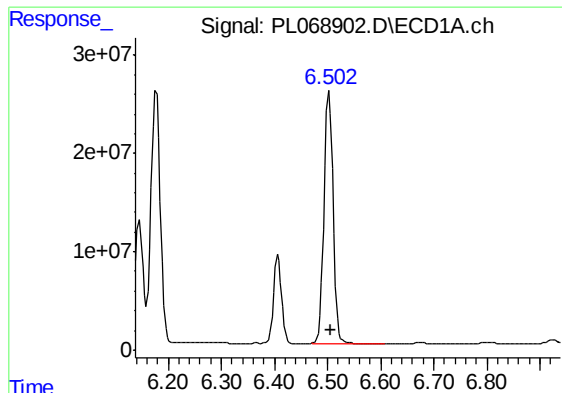
#4 Heptachlor

R.T.: 6.178 min
Delta R.T.: -0.003 min
Response: 310257792
Conc: 528.24 ng/ml



#4 Heptachlor

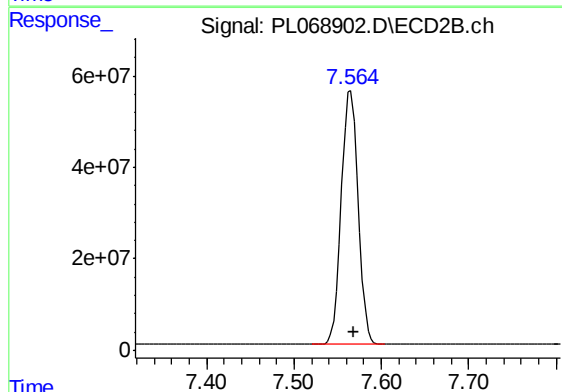
R.T.: 7.194 min
Delta R.T.: -0.003 min
Response: 776226968
Conc: 578.21 ng/ml



#5 Aldrin

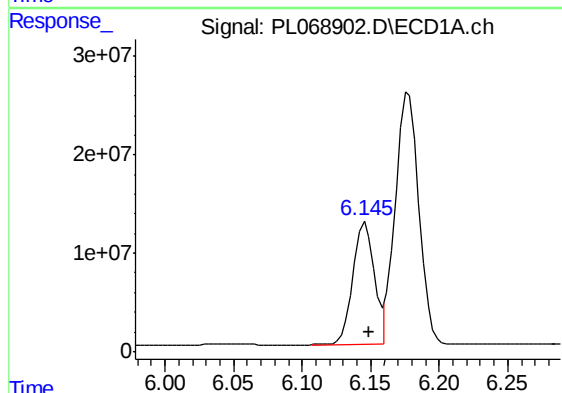
R.T.: 6.503 min
Delta R.T.: -0.004 min
Response: 304297518
Conc: 569.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



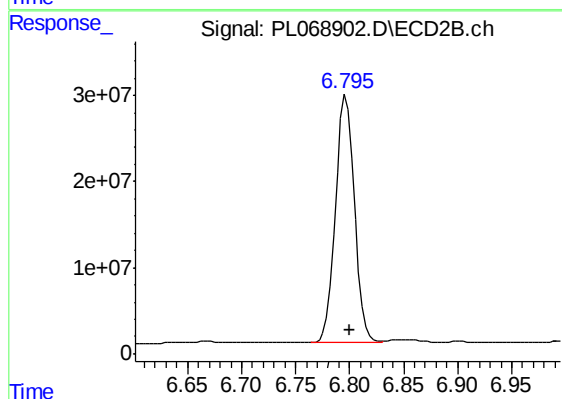
#5 Aldrin

R.T.: 7.565 min
Delta R.T.: -0.003 min
Response: 740621413
Conc: 613.64 ng/ml



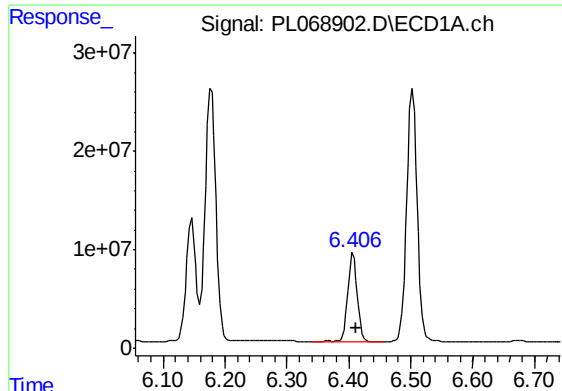
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.003 min
Response: 133129060
Conc: 472.26 ng/ml



#6 beta-BHC

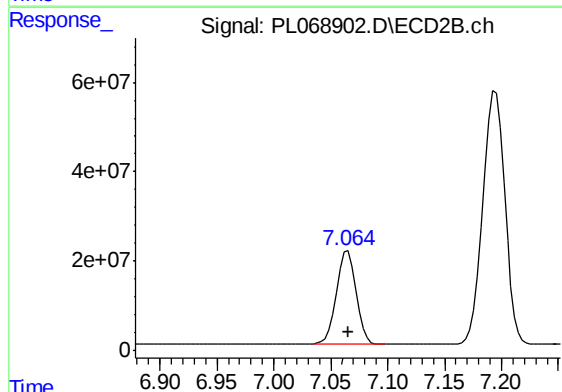
R.T.: 6.797 min
Delta R.T.: -0.003 min
Response: 353804200
Conc: 546.13 ng/ml



#7 delta-BHC

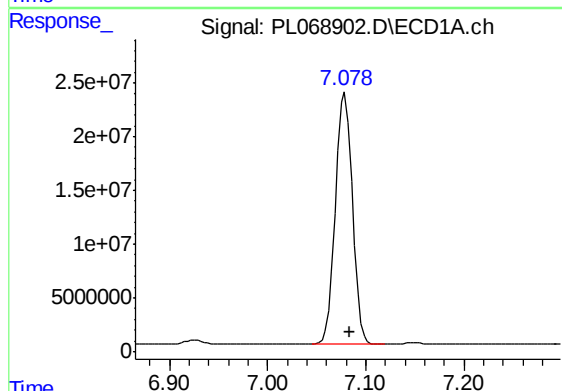
R.T.: 6.407 min
Delta R.T.: -0.004 min
Response: 94923253
Conc: 176.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



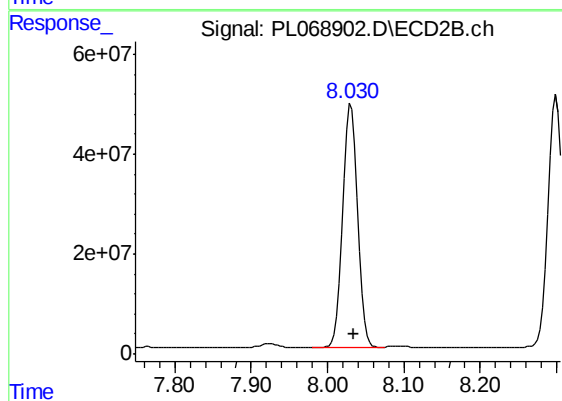
#7 delta-BHC

R.T.: 7.065 min
Delta R.T.: -0.001 min
Response: 248838376
Conc: 197.52 ng/ml



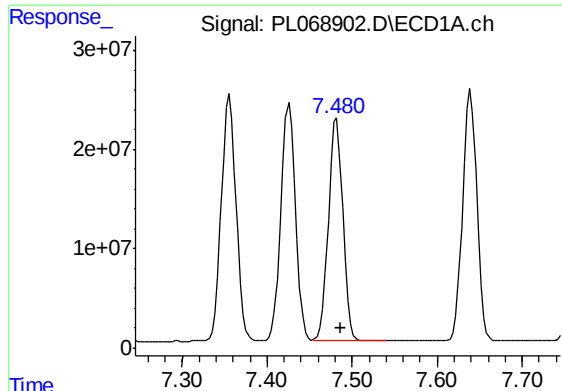
#8 Heptachlor epoxide

R.T.: 7.079 min
Delta R.T.: -0.005 min
Response: 280768631
Conc: 526.80 ng/ml



#8 Heptachlor epoxide

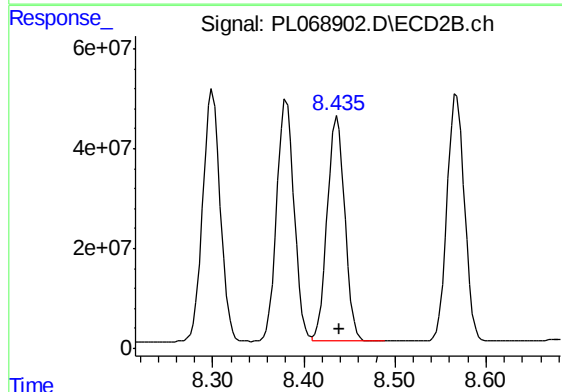
R.T.: 8.031 min
Delta R.T.: -0.003 min
Response: 656406425
Conc: 567.80 ng/ml



#9 Endosulfan I

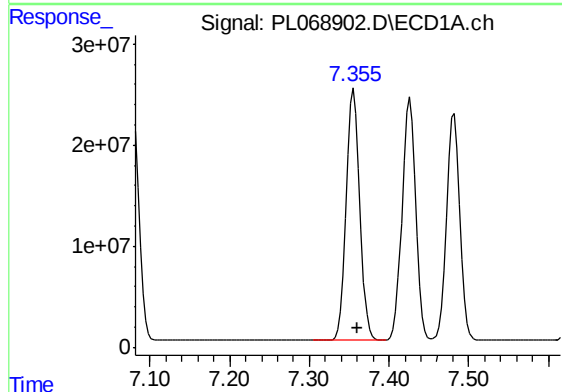
R.T.: 7.482 min
Delta R.T.: -0.005 min
Response: 267998672
Conc: 527.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



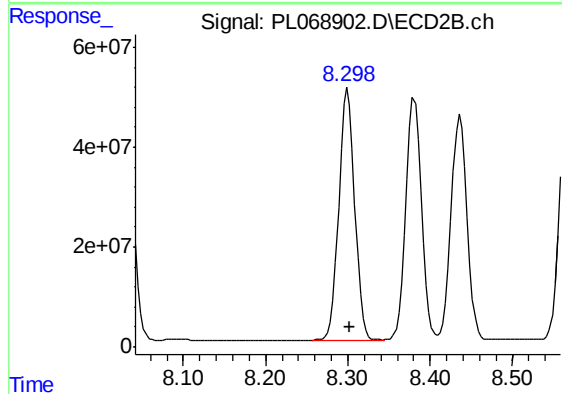
#9 Endosulfan I

R.T.: 8.437 min
Delta R.T.: -0.003 min
Response: 605307223
Conc: 573.98 ng/ml



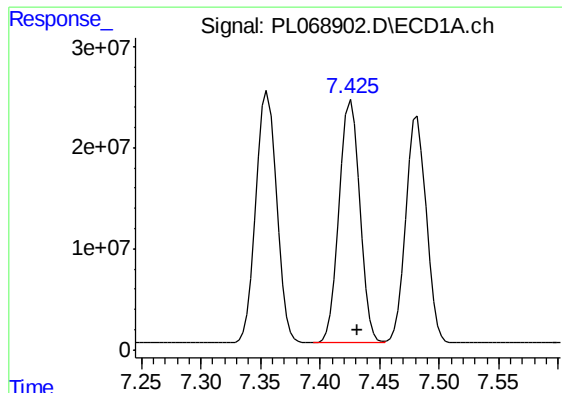
#10 gamma-Chlordane

R.T.: 7.356 min
Delta R.T.: -0.005 min
Response: 300399726
Conc: 548.14 ng/ml



#10 gamma-Chlordane

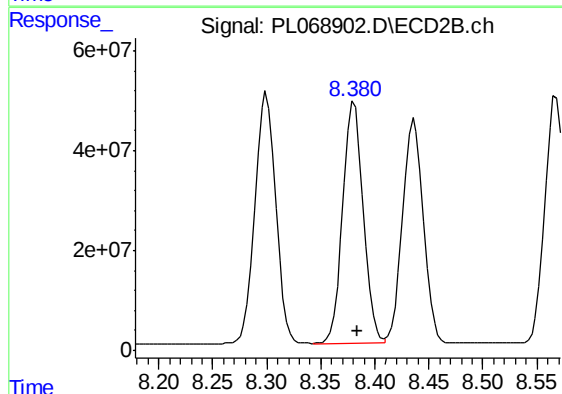
R.T.: 8.300 min
Delta R.T.: -0.003 min
Response: 675974896
Conc: 590.24 ng/ml



#11 alpha-Chlordane

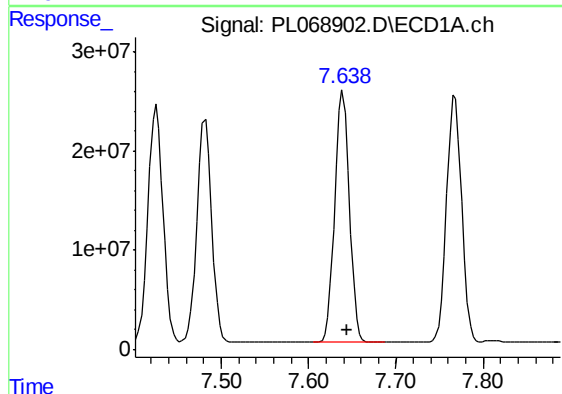
R.T.: 7.426 min
Delta R.T.: -0.005 min
Response: 287680718
Conc: 522.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



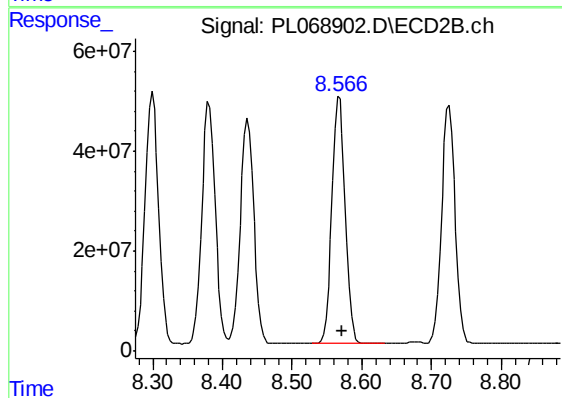
#11 alpha-Chlordane

R.T.: 8.381 min
Delta R.T.: -0.003 min
Response: 643301244
Conc: 560.15 ng/ml



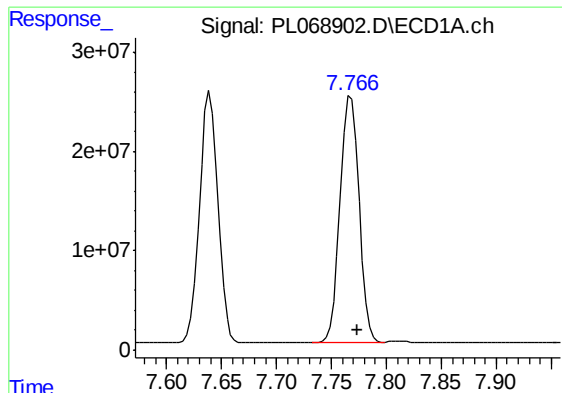
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 297561224
Conc: 616.03 ng/ml



#12 4,4'-DDE

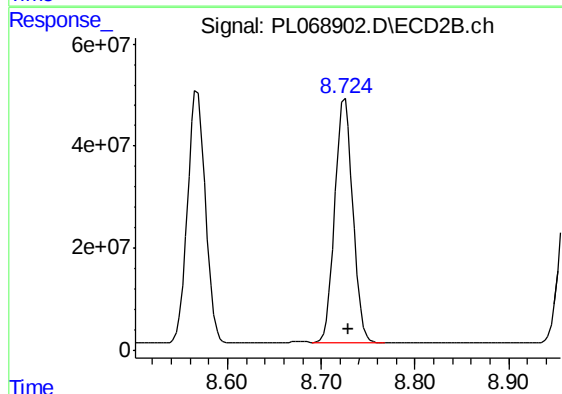
R.T.: 8.568 min
Delta R.T.: -0.003 min
Response: 658828052
Conc: 623.31 ng/ml



#13 Dielldrin

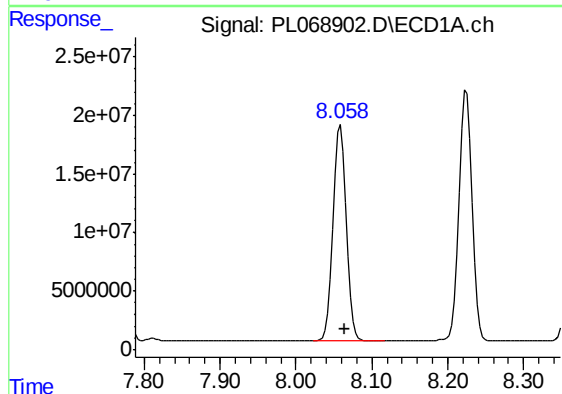
R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 299340025
Conc: 578.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



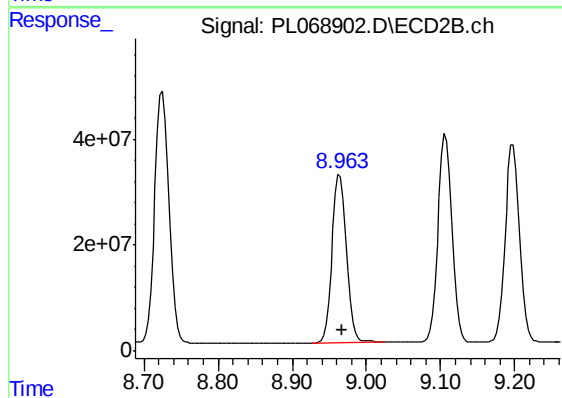
#13 Dielldrin

R.T.: 8.725 min
Delta R.T.: -0.004 min
Response: 640285768
Conc: 590.87 ng/ml



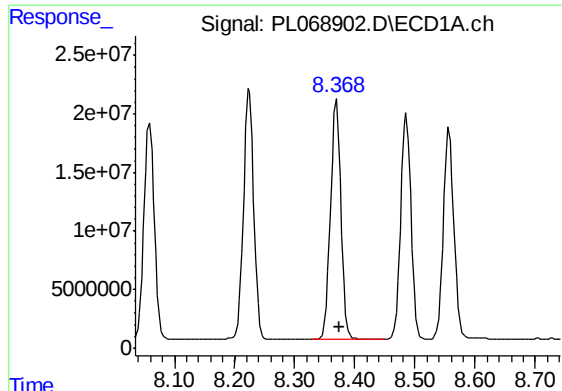
#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 222658775
Conc: 462.02 ng/ml



#14 Endrin

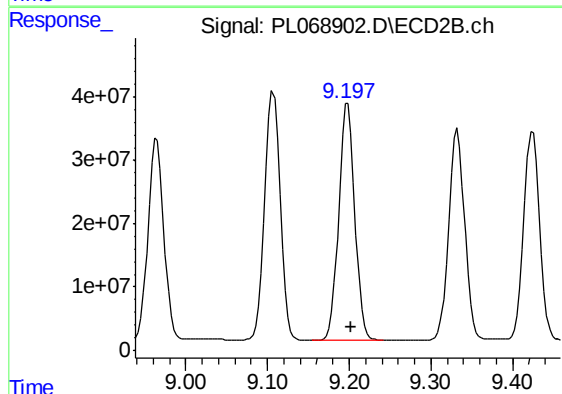
R.T.: 8.964 min
Delta R.T.: -0.003 min
Response: 436405418
Conc: 480.79 ng/ml



#15 Endosulfan II

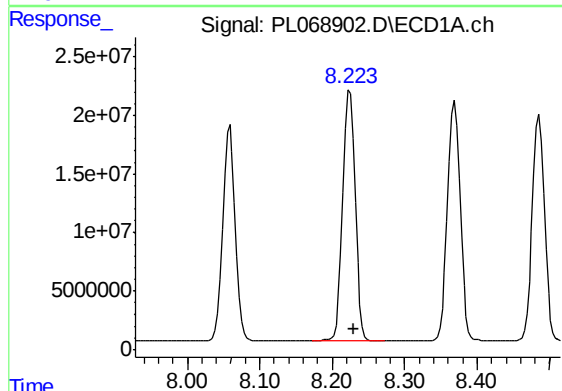
R.T.: 8.369 min
Delta R.T.: -0.005 min
Response: 250448987
Conc: 522.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



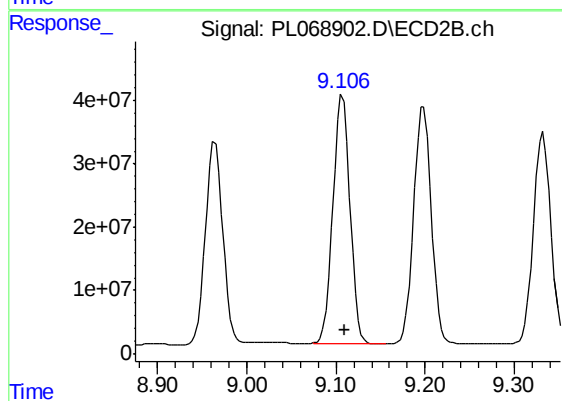
#15 Endosulfan II

R.T.: 9.198 min
Delta R.T.: -0.003 min
Response: 511298369
Conc: 557.47 ng/ml



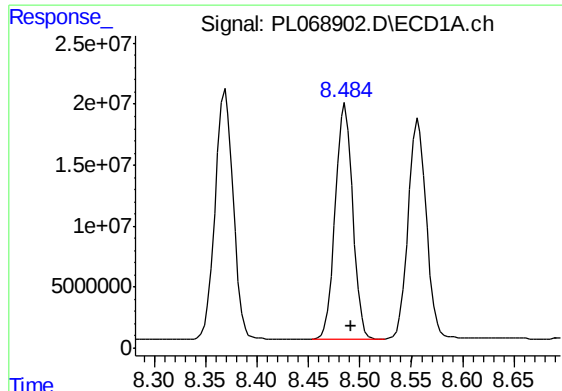
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 255082451
Conc: 594.32 ng/ml



#16 4,4'-DDD

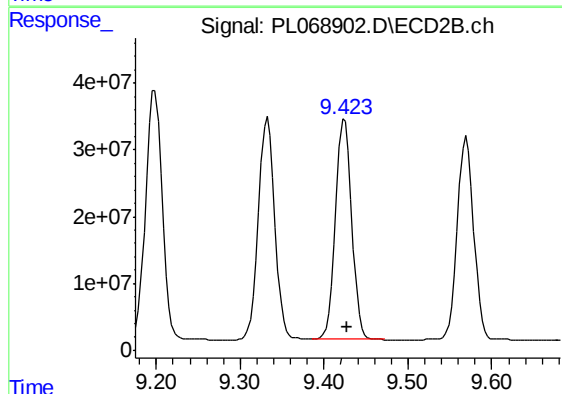
R.T.: 9.107 min
Delta R.T.: -0.003 min
Response: 520273740
Conc: 608.87 ng/ml



#17 4,4'-DDT

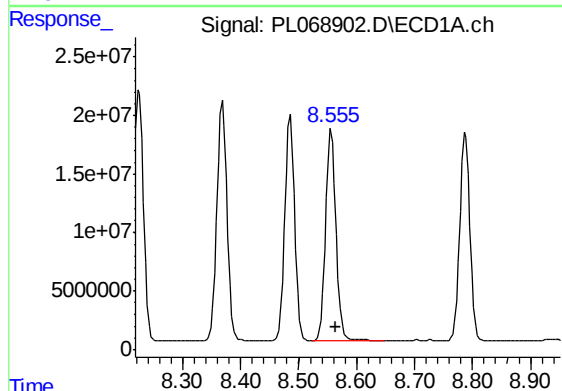
R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 227792449
Conc: 469.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



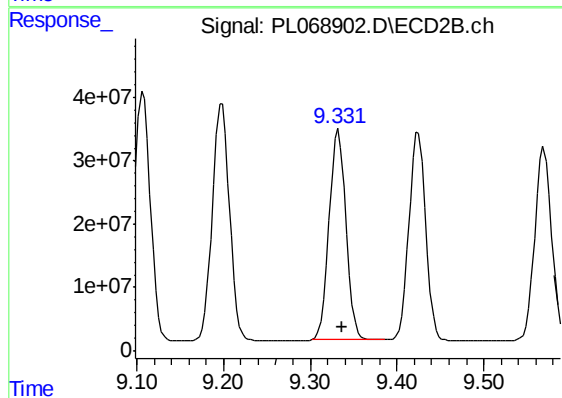
#17 4,4'-DDT

R.T.: 9.425 min
Delta R.T.: -0.004 min
Response: 441927546
Conc: 466.97 ng/ml



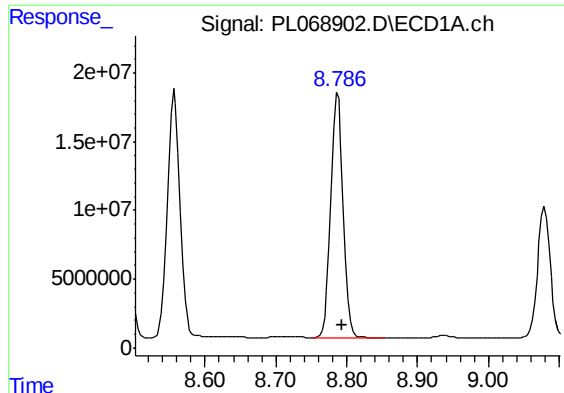
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.007 min
Response: 223443683
Conc: 595.86 ng/ml



#18 Endrin aldehyde

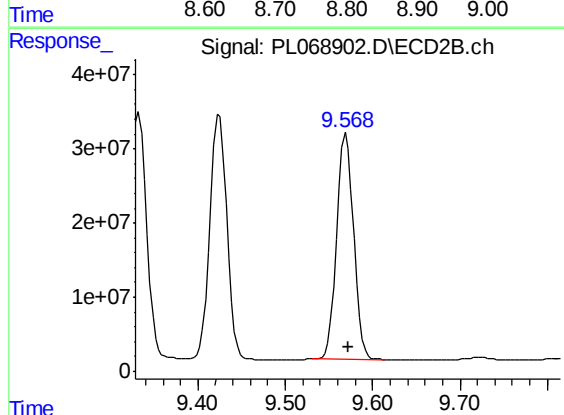
R.T.: 9.333 min
Delta R.T.: -0.004 min
Response: 449311118
Conc: 641.17 ng/ml



#19 Endosulfan Sulfate

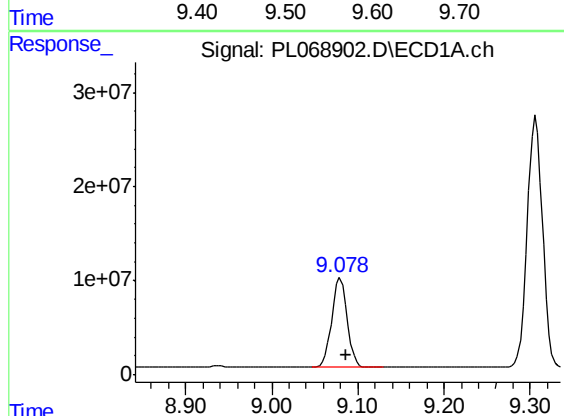
R.T.: 8.788 min
Delta R.T.: -0.006 min
Response: 216453866
Conc: 420.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



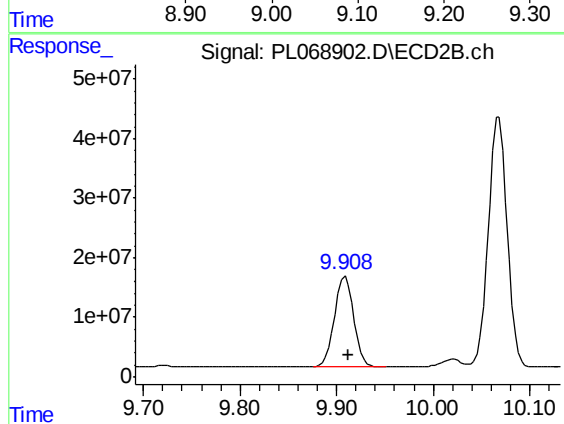
#19 Endosulfan Sulfate

R.T.: 9.570 min
Delta R.T.: -0.003 min
Response: 408962626
Conc: 448.67 ng/ml



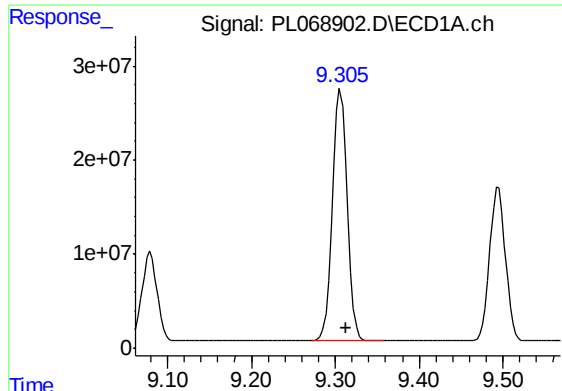
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 117687898
Conc: 375.95 ng/ml



#20 Methoxychlor

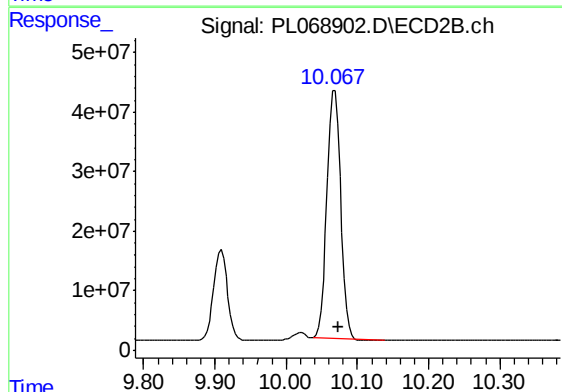
R.T.: 9.909 min
Delta R.T.: -0.004 min
Response: 206213921
Conc: 396.27 ng/ml



#21 Endrin ketone

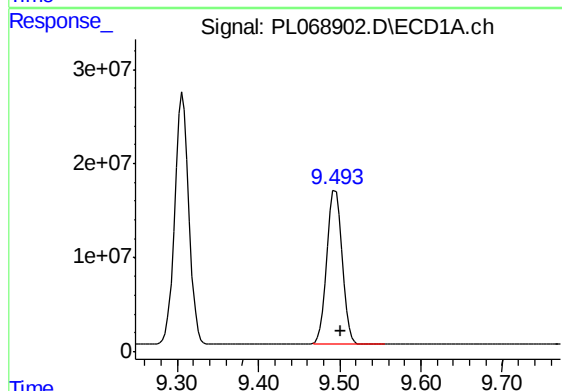
R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 326771546
Conc: 558.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



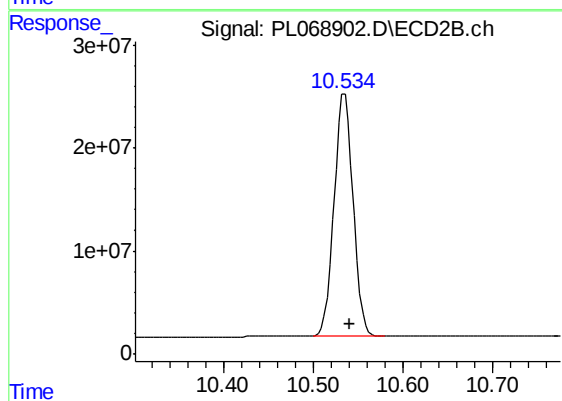
#21 Endrin ketone

R.T.: 10.068 min
Delta R.T.: -0.004 min
Response: 558491786
Conc: 548.47 ng/ml



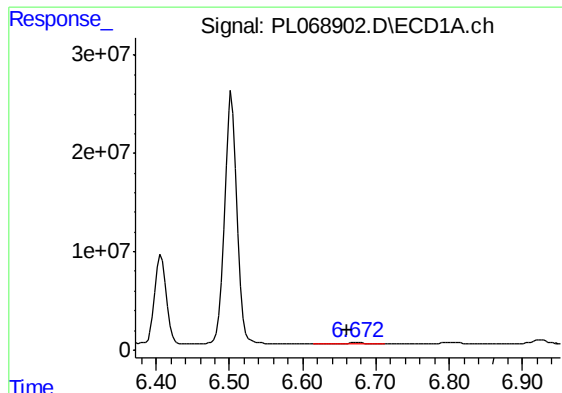
#22 Mirex

R.T.: 9.495 min
Delta R.T.: -0.007 min
Response: 211120369
Conc: 421.36 ng/ml



#22 Mirex

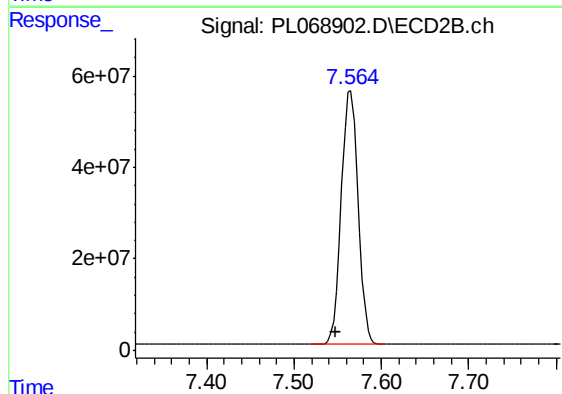
R.T.: 10.535 min
Delta R.T.: -0.005 min
Response: 347563222
Conc: 439.45 ng/ml



#24 Chlordane-2

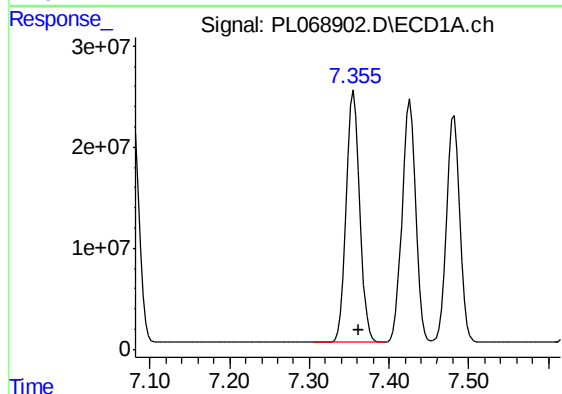
R.T.: 6.673 min
Delta R.T.: 0.013 min
Response: 370134
Conc: 17.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



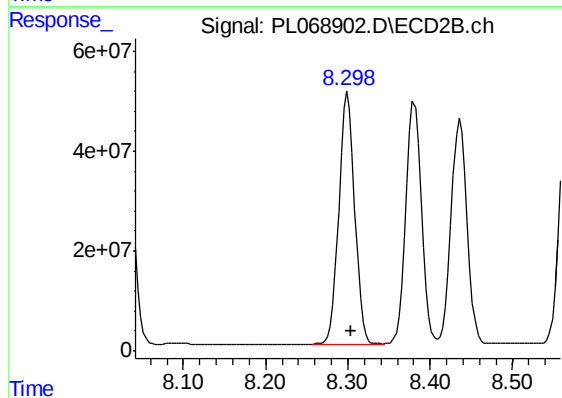
#24 Chlordane-2

R.T.: 7.565 min
Delta R.T.: 0.017 min
Response: 740621413
Conc: 17093.13 ng/ml



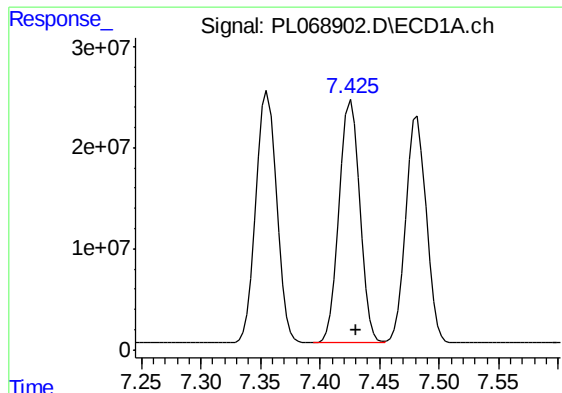
#25 Chlordane-3

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 300399726
Conc: 5727.05 ng/ml



#25 Chlordane-3

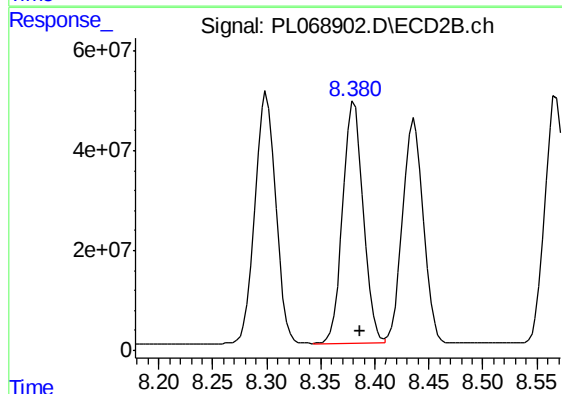
R.T.: 8.300 min
Delta R.T.: -0.005 min
Response: 675974896
Conc: 4138.05 ng/ml



#26 Chlordane-4

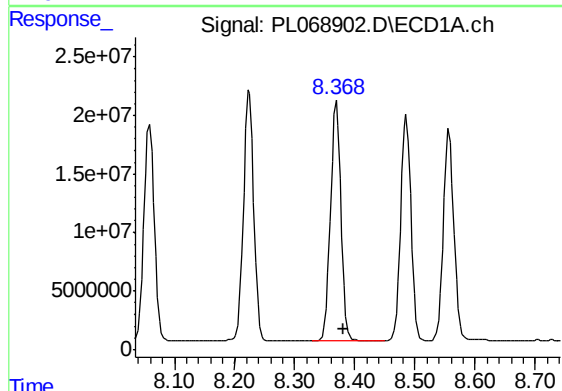
R.T.: 7.426 min
Delta R.T.: -0.004 min
Response: 287680718
Conc: 5168.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



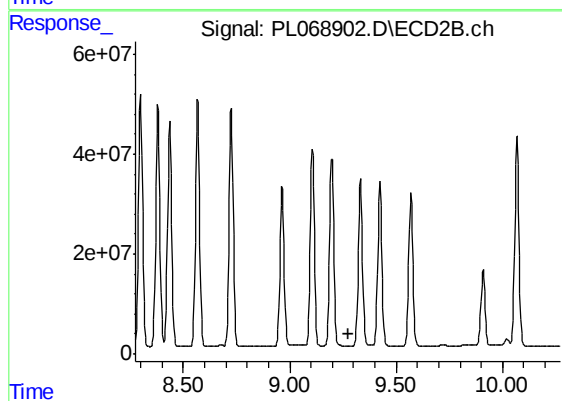
#26 Chlordane-4

R.T.: 8.381 min
Delta R.T.: -0.006 min
Response: 643301244
Conc: 3243.71 ng/ml



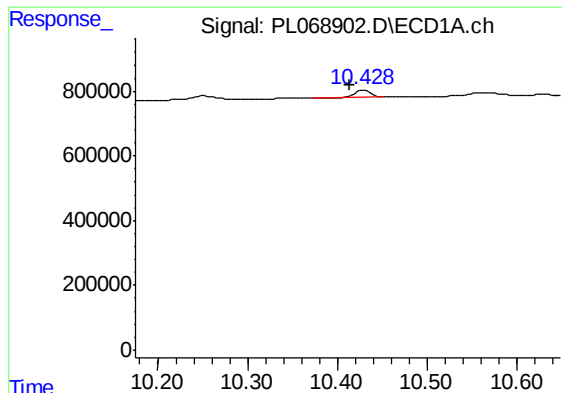
#27 Chlordane-5

R.T.: 8.369 min
Delta R.T.: -0.011 min
Response: 250448987
Conc: 12145.15 ng/ml



#27 Chlordane-5

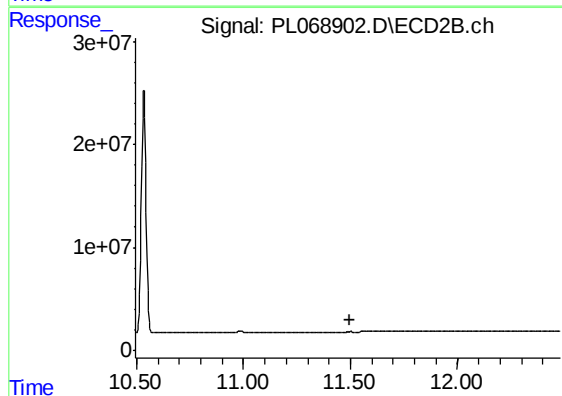
R.T.: 0.000 min
Exp R.T. : 9.274 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: 0.016 min
Response: 294101
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
500PPB SPIK SOL.



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 11.495 min
Response: 0
Conc: N.D.