

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052122\
 Data File : PL074907.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2022 13:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

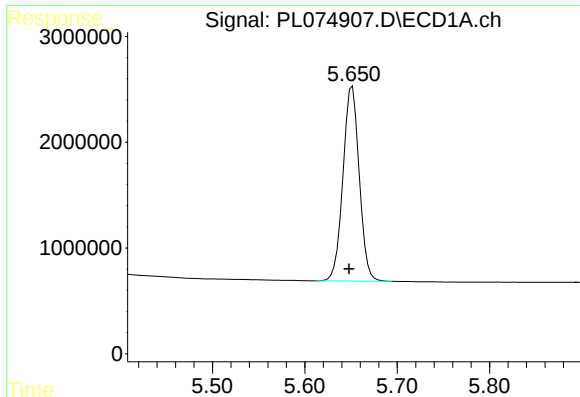
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 13:50:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	5.652	4.651	22537588	59148625	44.388	43.095
28)	SA Decachlor...	11.647	10.401	21861630	53333174	48.953	51.961
Target Compounds							
2)	A alpha-BHC	6.235	5.354	31000062	79283164	45.312	47.111
3)	MA gamma-BHC...	6.633	5.774	30355111	77589775	47.026	46.956
4)	MA Heptachlor	7.288	6.184	30224589	75364346	46.833	49.652
5)	MB Aldrin	7.662	6.508	28256484	71043620	45.613	47.348
6)	B beta-BHC	6.884	6.151	13907904	36191847	46.600	45.583
7)	B delta-BHC	7.154	6.412	28838873	75877070	45.992	48.524
8)	B Heptachlo...	8.129	7.082	26544020	67159800	46.671	48.255
9)	A Endosulfan I	8.537	7.484	27023041	61130153	46.874	48.859
10)	B gamma-Chl...	8.399	7.359	25284028	67521369	48.881	48.723
11)	B alpha-Chl...	8.481	7.428	28926351	67163917	47.381	49.684
12)	B 4,4'-DDE	8.666	7.640	22845486	59773925	49.350	50.798
13)	MA Dieldrin	8.827	7.770	24964885	63736041	47.497	50.032
14)	MA Endrin	9.068	8.060	20956961	49453544	50.785	46.817
15)	B Endosulfa...	9.301	8.370	20527803	57629195	46.696	51.017
16)	A 4,4'-DDD	9.207	8.224	19198876	49672154	42.464	50.421
17)	MA 4,4'-DDT	9.527	8.485	23269517	54610866	50.627	54.583
18)	B Endrin al...	9.436	8.557	17986810	42190306	50.822	52.825
19)	B Endosulfa...	9.674	8.787	22027474	54488001	48.736	50.056
20)	A Methoxychlor	10.012	9.078	12812326	31744210	52.314	54.320
21)	B Endrin ke...	10.177	9.306	25024267	60490645	48.796	54.257
22)	Mirex	10.649	9.495	20112310	49785828	49.843	51.400
24)	Chlordane-2	7.662f	0.000	28256484	0	1274.879	N.D. #
25)	Chlordane-3	8.399	7.359	25284028	67521369	369.330	520.235 #
26)	Chlordane-4	8.481	7.428	28926351	67163917	300.252	489.935 #

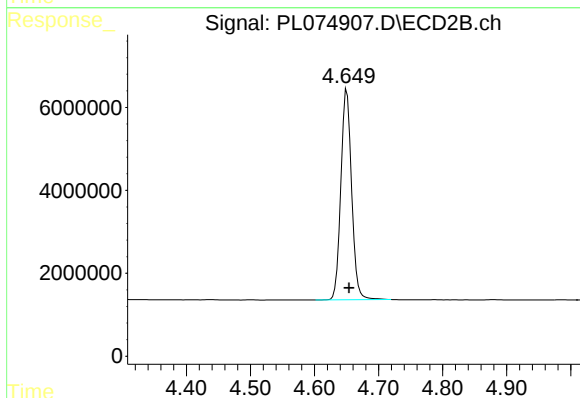
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

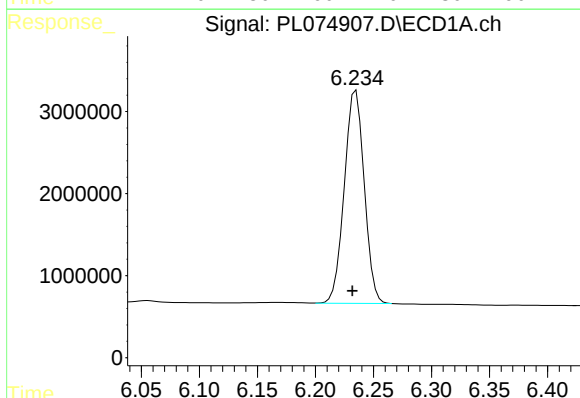
R.T.: 5.652 min
Delta R.T.: 0.004 min
Response: 22537588
Conc: 44.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



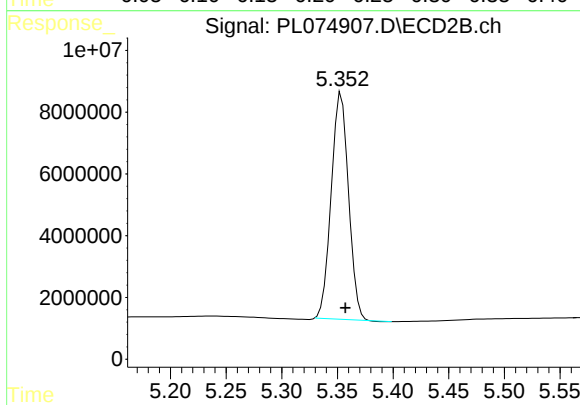
#1 Tetrachloro-m-xylene

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 59148625
Conc: 43.10 ng/ml



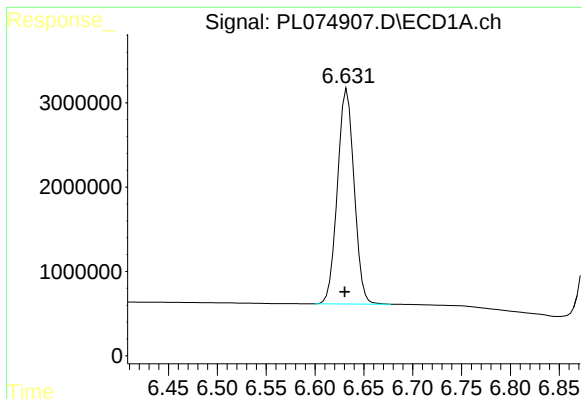
#2 alpha-BHC

R.T.: 6.235 min
Delta R.T.: 0.003 min
Response: 31000062
Conc: 45.31 ng/ml



#2 alpha-BHC

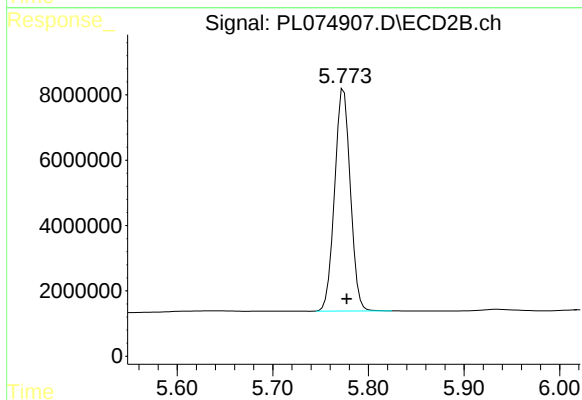
R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 79283164
Conc: 47.11 ng/ml



#3 gamma-BHC (Lindane)

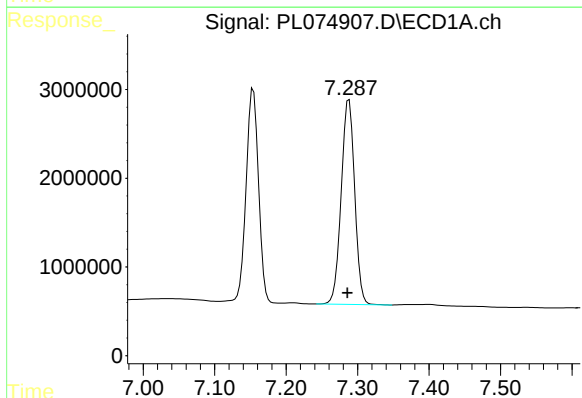
R.T.: 6.633 min
Delta R.T.: 0.002 min
Response: 30355111
Conc: 47.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



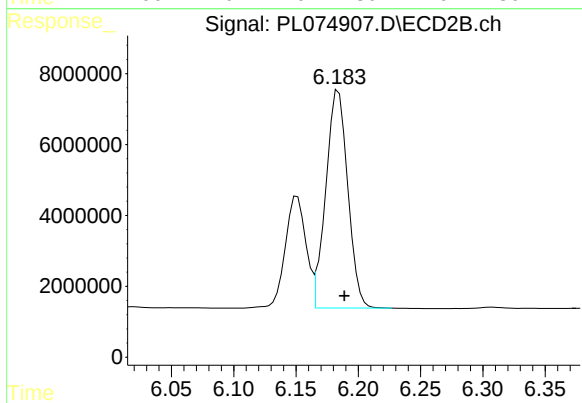
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 77589775
Conc: 46.96 ng/ml



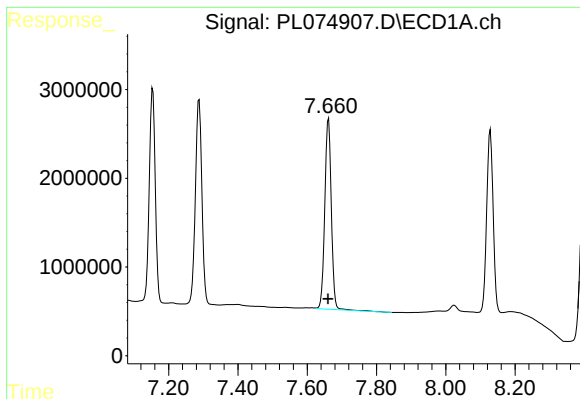
#4 Heptachlor

R.T.: 7.288 min
Delta R.T.: 0.002 min
Response: 30224589
Conc: 46.83 ng/ml



#4 Heptachlor

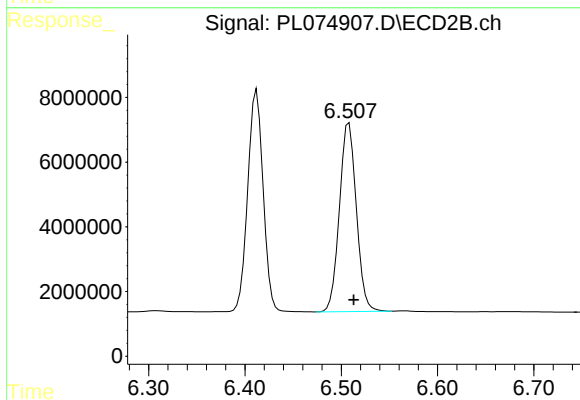
R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 75364346
Conc: 49.65 ng/ml



#5 Aldrin

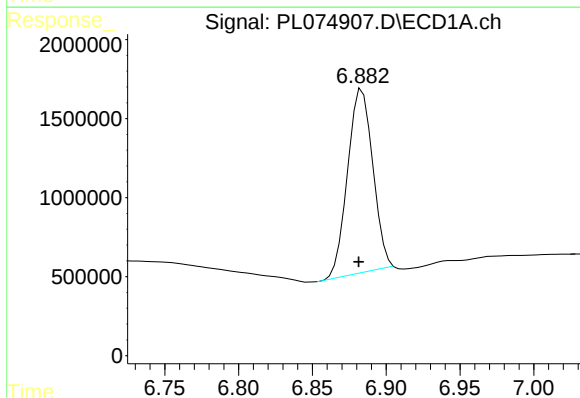
R.T.: 7.662 min
Delta R.T.: 0.002 min
Response: 28256484
Conc: 45.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



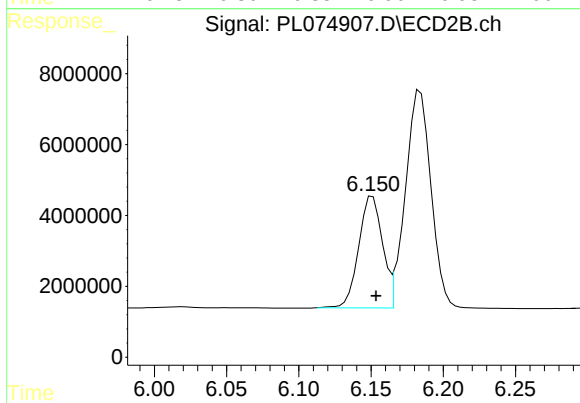
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 71043620
Conc: 47.35 ng/ml



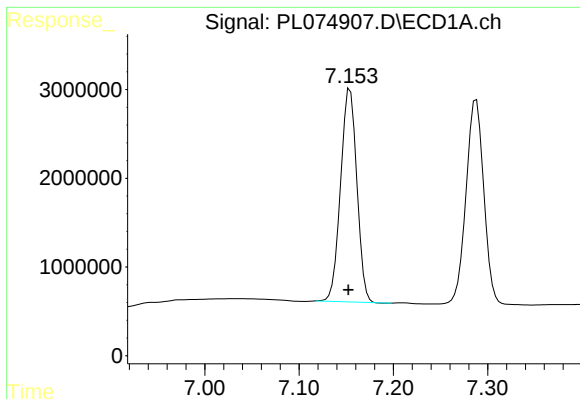
#6 beta-BHC

R.T.: 6.884 min
Delta R.T.: 0.002 min
Response: 13907904
Conc: 46.60 ng/ml



#6 beta-BHC

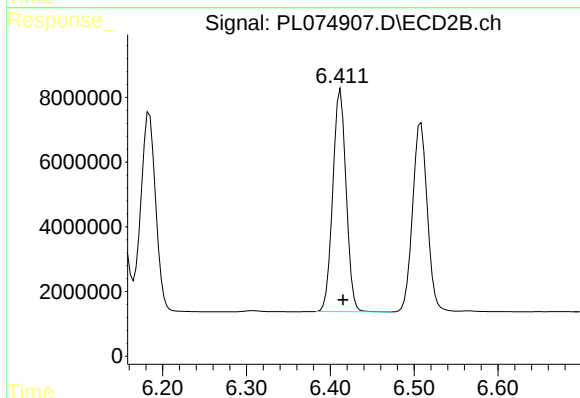
R.T.: 6.151 min
Delta R.T.: -0.002 min
Response: 36191847
Conc: 45.58 ng/ml



#7 delta-BHC

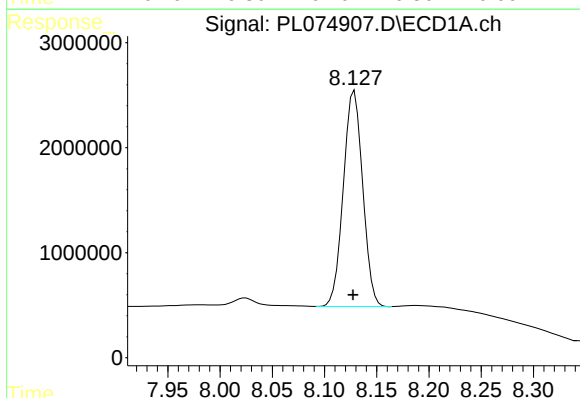
R.T.: 7.154 min
Delta R.T.: 0.002 min
Response: 28838873
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



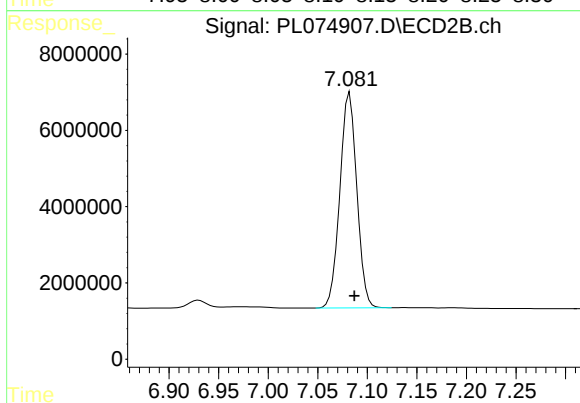
#7 delta-BHC

R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 75877070
Conc: 48.52 ng/ml



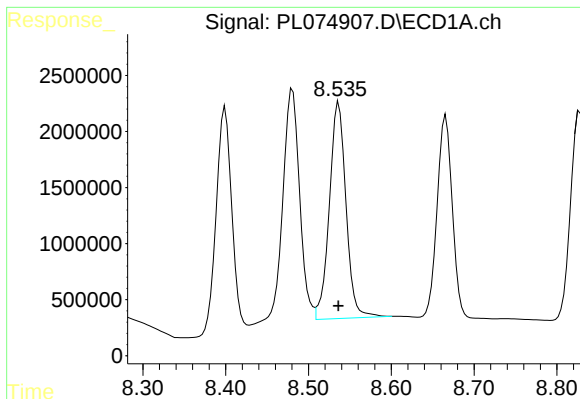
#8 Heptachlor epoxide

R.T.: 8.129 min
Delta R.T.: 0.001 min
Response: 26544020
Conc: 46.67 ng/ml



#8 Heptachlor epoxide

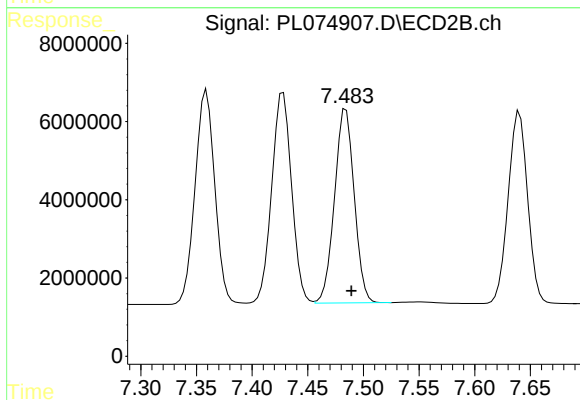
R.T.: 7.082 min
Delta R.T.: -0.005 min
Response: 67159800
Conc: 48.25 ng/ml



#9 Endosulfan I

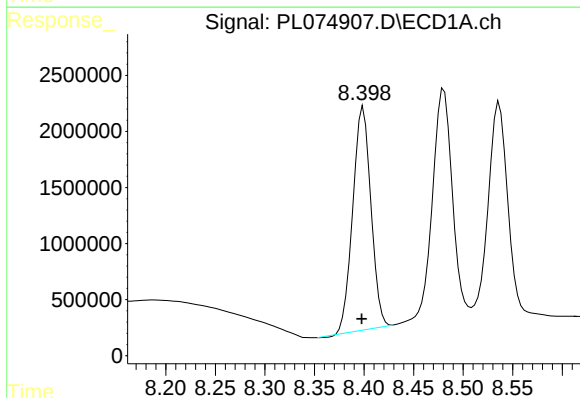
R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 27023041
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



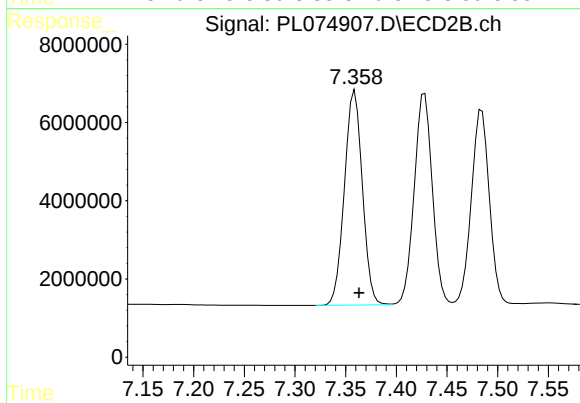
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.005 min
Response: 61130153
Conc: 48.86 ng/ml



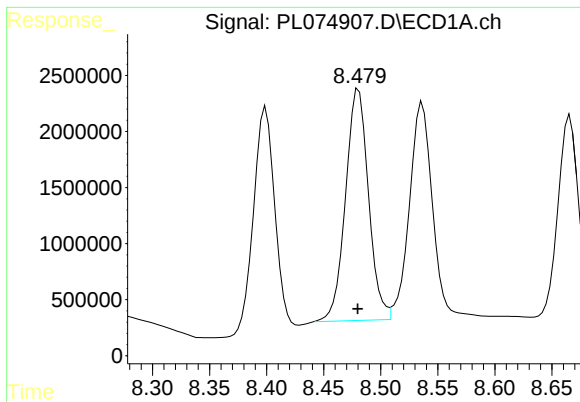
#10 gamma-Chlordane

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 25284028
Conc: 48.88 ng/ml



#10 gamma-Chlordane

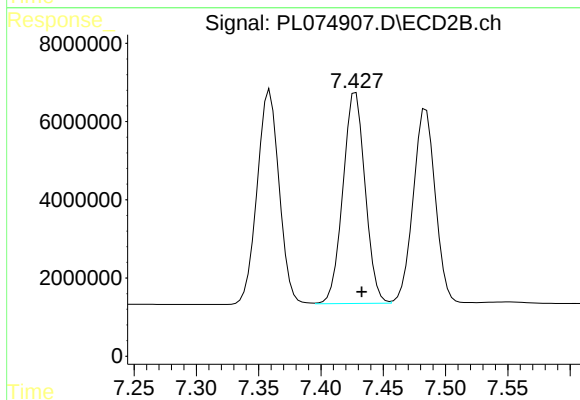
R.T.: 7.359 min
Delta R.T.: -0.004 min
Response: 67521369
Conc: 48.72 ng/ml



#11 alpha-Chlordane

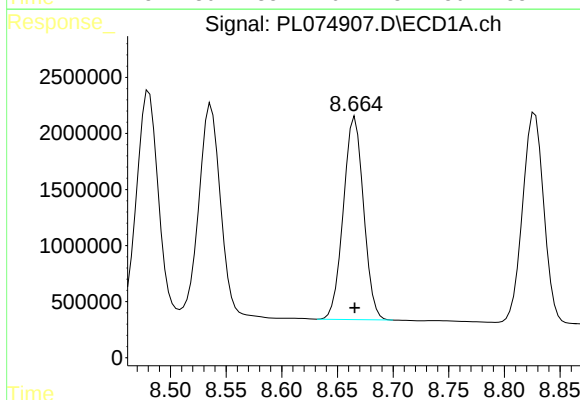
R.T.: 8.481 min
Delta R.T.: 0.000 min
Response: 28926351
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



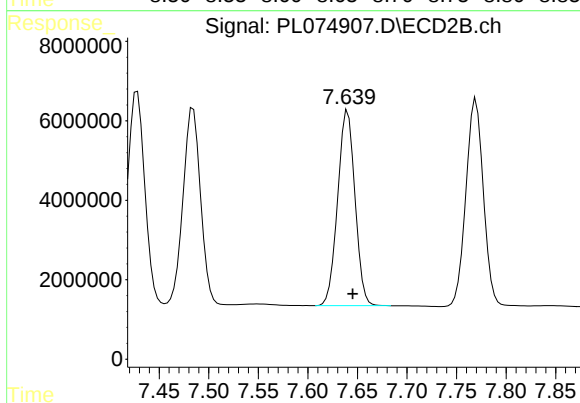
#11 alpha-Chlordane

R.T.: 7.428 min
Delta R.T.: -0.005 min
Response: 67163917
Conc: 49.68 ng/ml



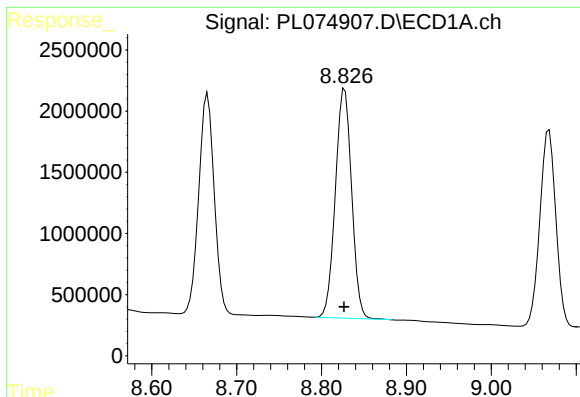
#12 4,4'-DDE

R.T.: 8.666 min
Delta R.T.: 0.000 min
Response: 22845486
Conc: 49.35 ng/ml



#12 4,4'-DDE

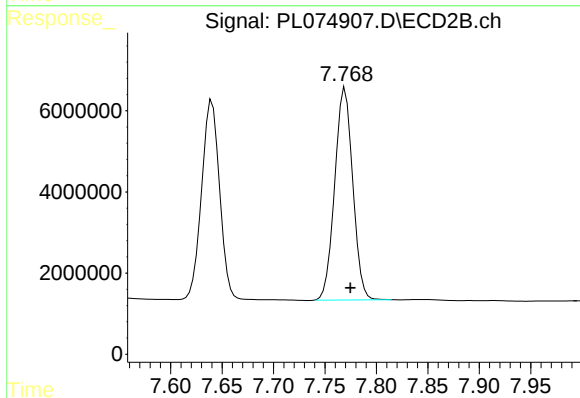
R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 59773925
Conc: 50.80 ng/ml



#13 Dieldrin

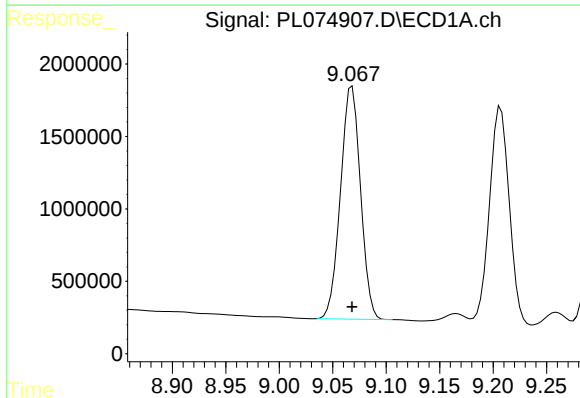
R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 24964885
Conc: 47.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



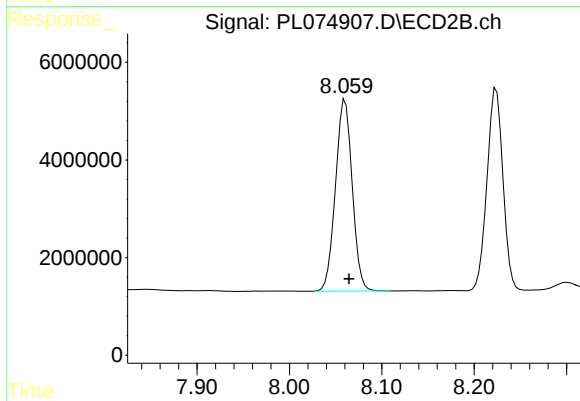
#13 Dieldrin

R.T.: 7.770 min
Delta R.T.: -0.005 min
Response: 63736041
Conc: 50.03 ng/ml



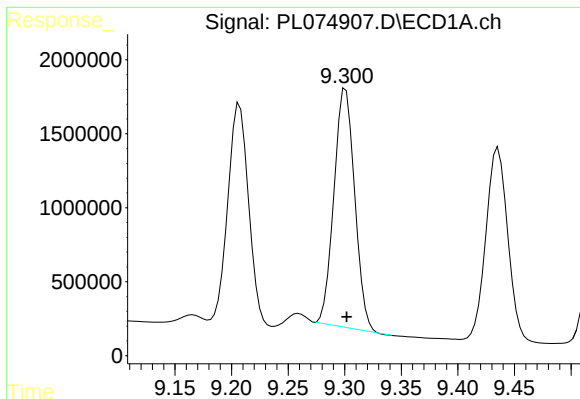
#14 Endrin

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 20956961
Conc: 50.78 ng/ml



#14 Endrin

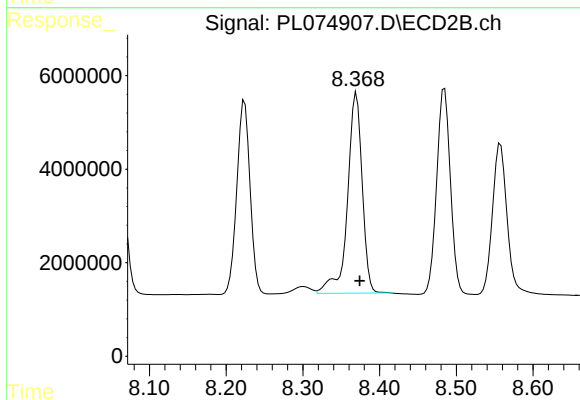
R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 49453544
Conc: 46.82 ng/ml



#15 Endosulfan II

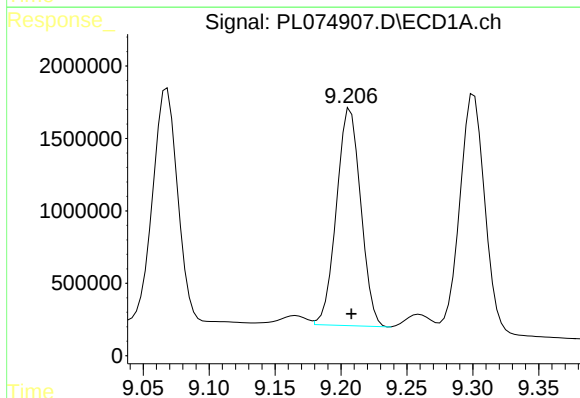
R.T.: 9.301 min
Delta R.T.: 0.000 min
Response: 20527803
Conc: 46.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



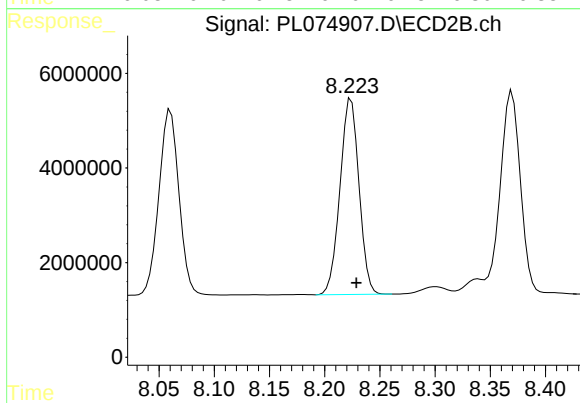
#15 Endosulfan II

R.T.: 8.370 min
Delta R.T.: -0.004 min
Response: 57629195
Conc: 51.02 ng/ml



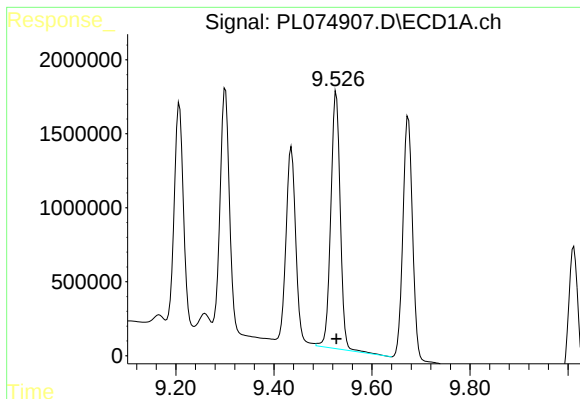
#16 4,4'-DDD

R.T.: 9.207 min
Delta R.T.: 0.000 min
Response: 19198876
Conc: 42.46 ng/ml



#16 4,4'-DDD

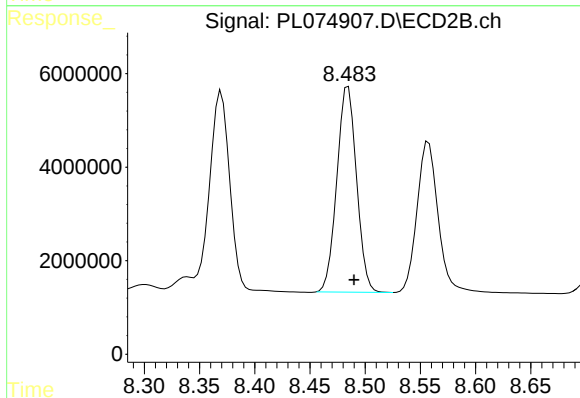
R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 49672154
Conc: 50.42 ng/ml



#17 4,4'-DDT

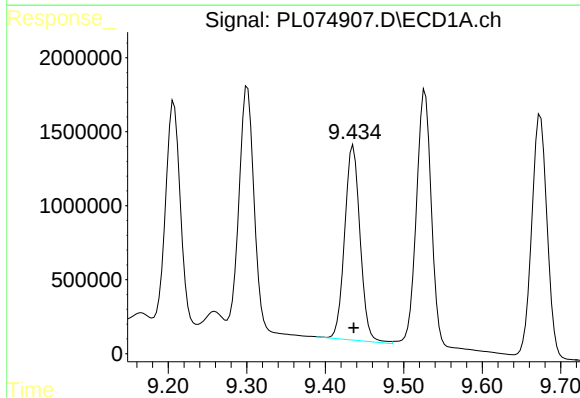
R.T.: 9.527 min
Delta R.T.: 0.000 min
Response: 23269517
Conc: 50.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



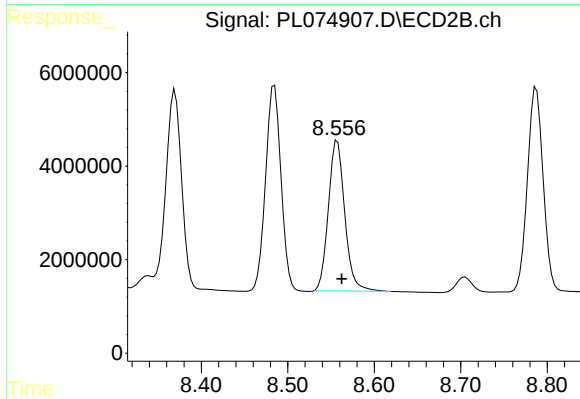
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.005 min
Response: 54610866
Conc: 54.58 ng/ml



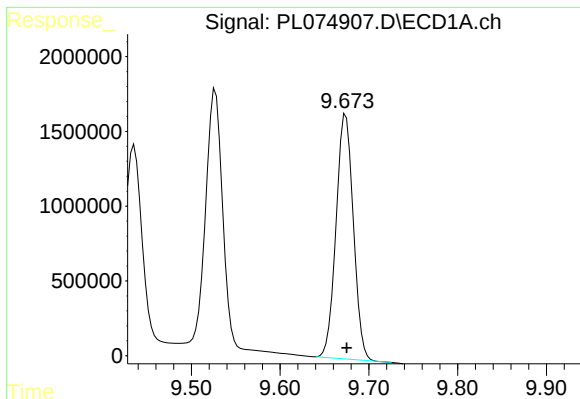
#18 Endrin aldehyde

R.T.: 9.436 min
Delta R.T.: 0.000 min
Response: 17986810
Conc: 50.82 ng/ml



#18 Endrin aldehyde

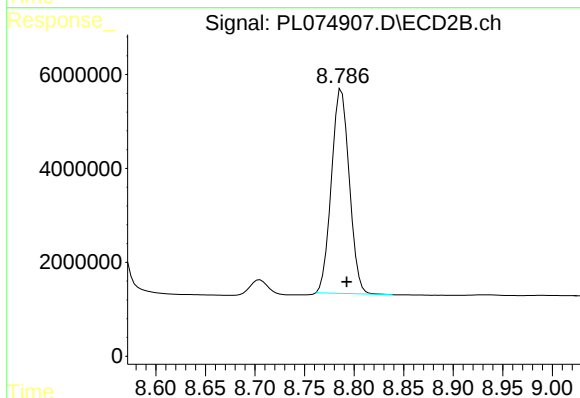
R.T.: 8.557 min
Delta R.T.: -0.005 min
Response: 42190306
Conc: 52.82 ng/ml



#19 Endosulfan Sulfate

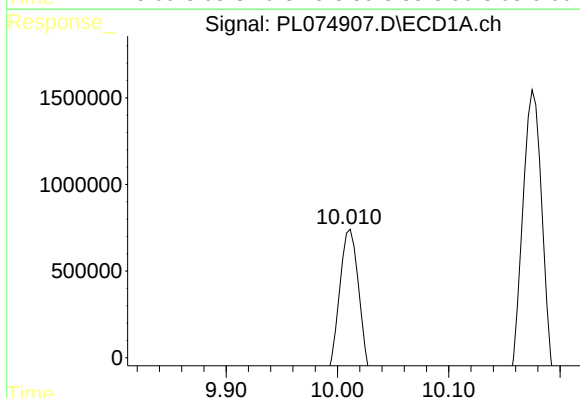
R.T.: 9.674 min
Delta R.T.: 0.000 min
Response: 22027474
Conc: 48.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



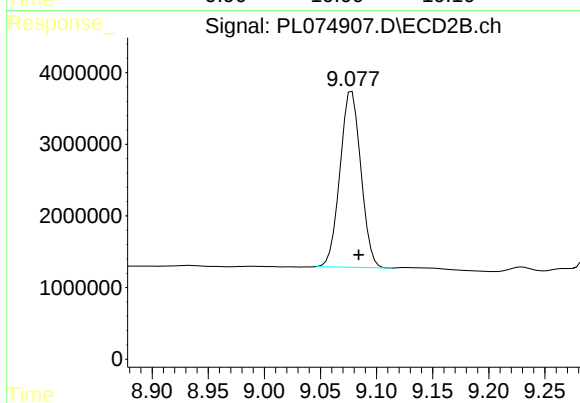
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.005 min
Response: 54488001
Conc: 50.06 ng/ml



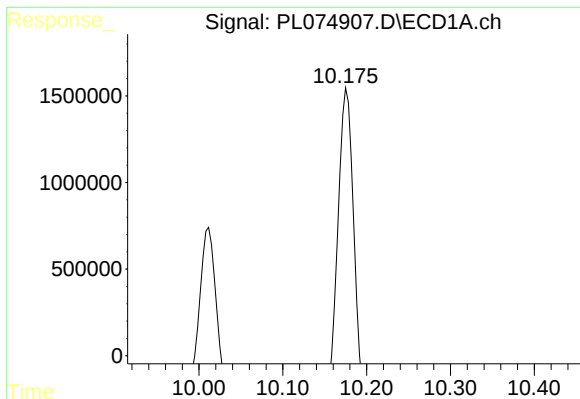
#20 Methoxychlor

R.T.: 10.012 min
Delta R.T.: -0.001 min
Response: 12812326
Conc: 52.31 ng/ml



#20 Methoxychlor

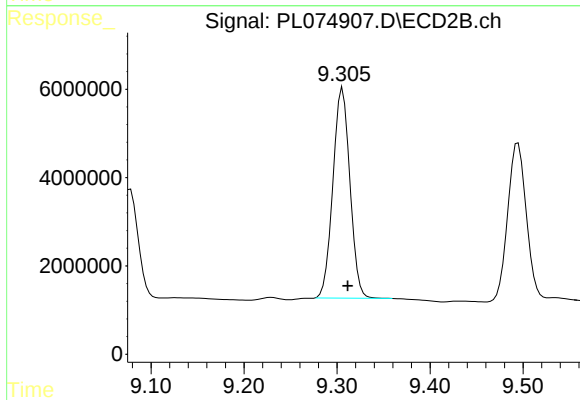
R.T.: 9.078 min
Delta R.T.: -0.006 min
Response: 31744210
Conc: 54.32 ng/ml



#21 Endrin ketone

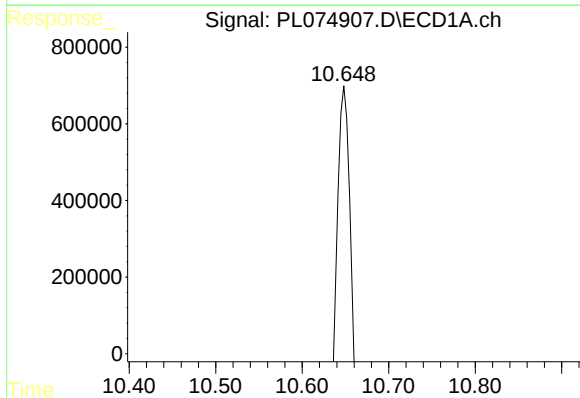
R.T.: 10.177 min
Delta R.T.: 0.000 min
Response: 25024267
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



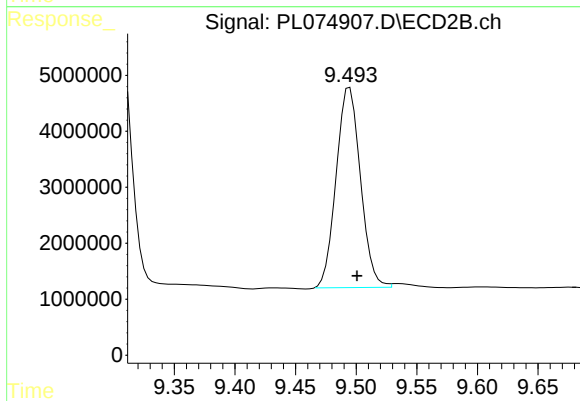
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.005 min
Response: 60490645
Conc: 54.26 ng/ml



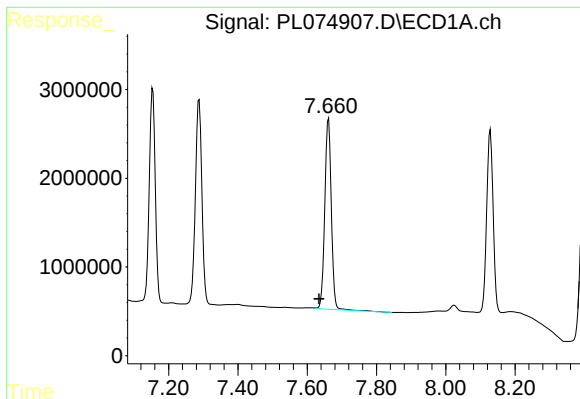
#22 Mirex

R.T.: 10.649 min
Delta R.T.: -0.002 min
Response: 20112310
Conc: 49.84 ng/ml



#22 Mirex

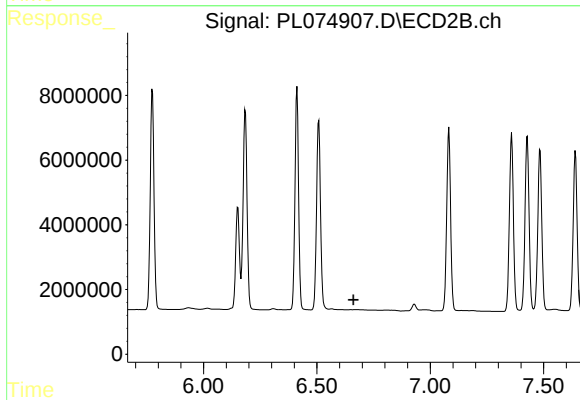
R.T.: 9.495 min
Delta R.T.: -0.006 min
Response: 49785828
Conc: 51.40 ng/ml



#24 Chlordane-2

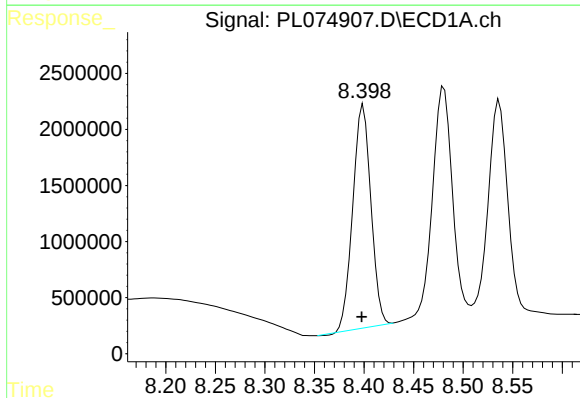
R.T.: 7.662 min
Delta R.T.: 0.028 min
Response: 28256484
Conc: 1274.88 ng/m

Instrument :
ECD_L
ClientSampleId :



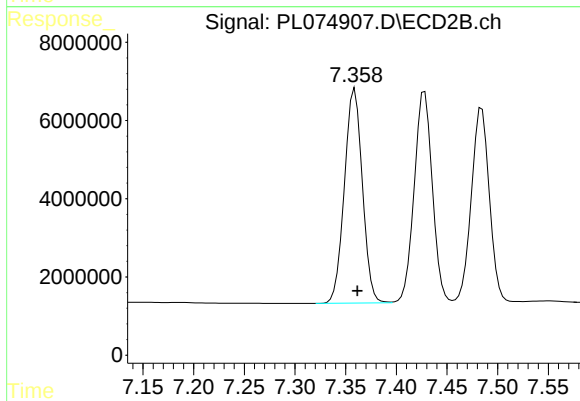
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 6.662 min
Response: 0
Conc: N.D.



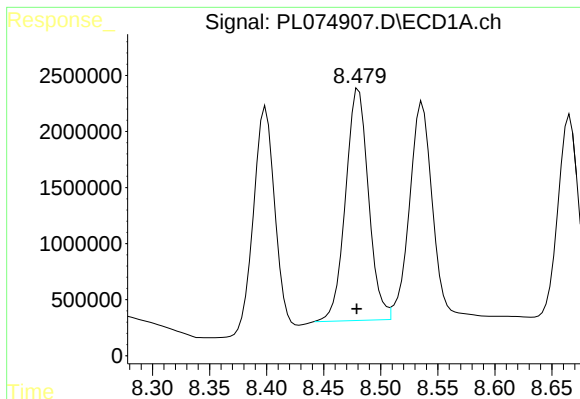
#25 Chlordane-3

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 25284028
Conc: 369.33 ng/ml



#25 Chlordane-3

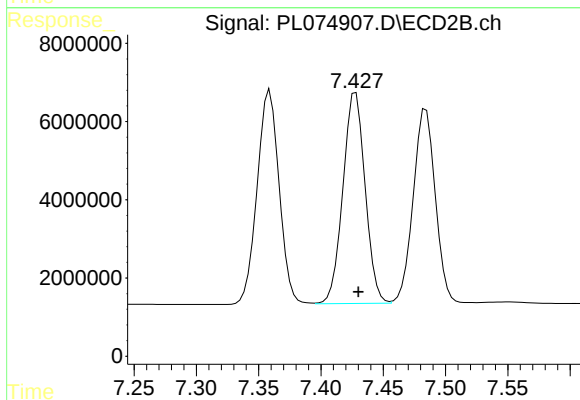
R.T.: 7.359 min
Delta R.T.: -0.002 min
Response: 67521369
Conc: 520.24 ng/ml



#26 Chlordane-4

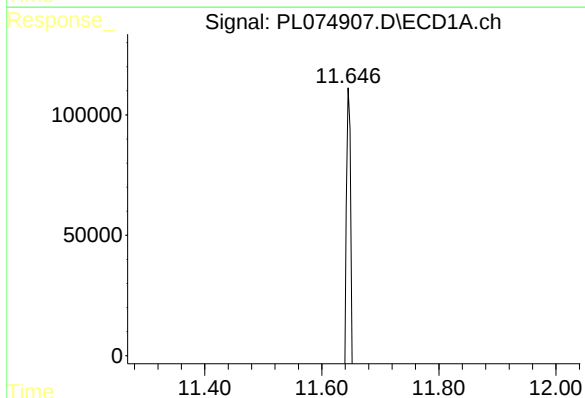
R.T.: 8.481 min
Delta R.T.: 0.002 min
Response: 28926351
Conc: 300.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



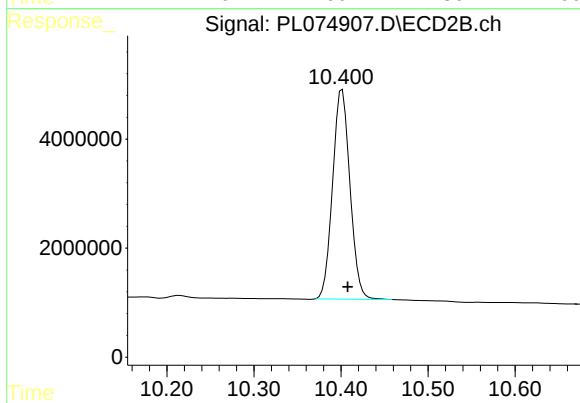
#26 Chlordane-4

R.T.: 7.428 min
Delta R.T.: -0.002 min
Response: 67163917
Conc: 489.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.647 min
Delta R.T.: -0.004 min
Response: 21861630
Conc: 48.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.006 min
Response: 53333174
Conc: 51.96 ng/ml