

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092922\
 Data File : PL077974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2022 10:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 23:30:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 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...	3.415	2.625	38010653	63434898	23.712	21.368
2)	SA Decachlor...	8.905	7.721	30427680	45977117	23.543	18.316
Target Compounds							
2)	A alpha-BHC	3.880	3.117	25465012	48366291	10.731	10.665
3)	MA gamma-BHC...	4.216	3.440	24746869	43098672	11.185	10.673
6)	B beta-BHC	4.429	3.741	11739797	19158292	12.079	11.508
8)	B Heptachlo...	5.596f	4.529f	235669	335519	0.135	0.099 #
10)	B gamma-Chl...	5.799f	4.805	368418	1860438	0.210	0.546 #
12)	B 4,4'-DDE	0.000	5.049	0	1041891	N.D.	0.320 #
13)	MA Dieldrin	0.000	5.167	0	309445	N.D.	0.093 #
14)	MA Endrin	6.460	5.446	71837615	136.3E6	51.944	47.796
15)	B Endosulfa...	6.706	5.766f	2306620	1207203	1.670	0.458 #
16)	A 4,4'-DDD	6.601	5.603	5456327	9941575	4.660	3.838
17)	MA 4,4'-DDT	6.912	5.851	139.4E6	251.7E6	110.040	95.542
18)	B Endrin al...	6.820	5.922	1672039	4385698	1.581	2.125 #
19)	B Endosulfa...	0.000	6.137	0	282487	N.D.	0.105 #
20)	A Methoxychlor	7.393	6.429	176.9E6	295.0E6	267.797	215.406
21)	B Endrin ke...	7.541	6.643	5306331	13611963	3.840	4.495
22)	Mirex	0.000	6.848f	0	185	N.D.	0.000 #
25)	Chlordane-3	5.799f	4.805	368418	1860438	1.496	5.408 #
27)	Chlordane-5	0.000	5.528	0	414876	N.D.	4.409 #

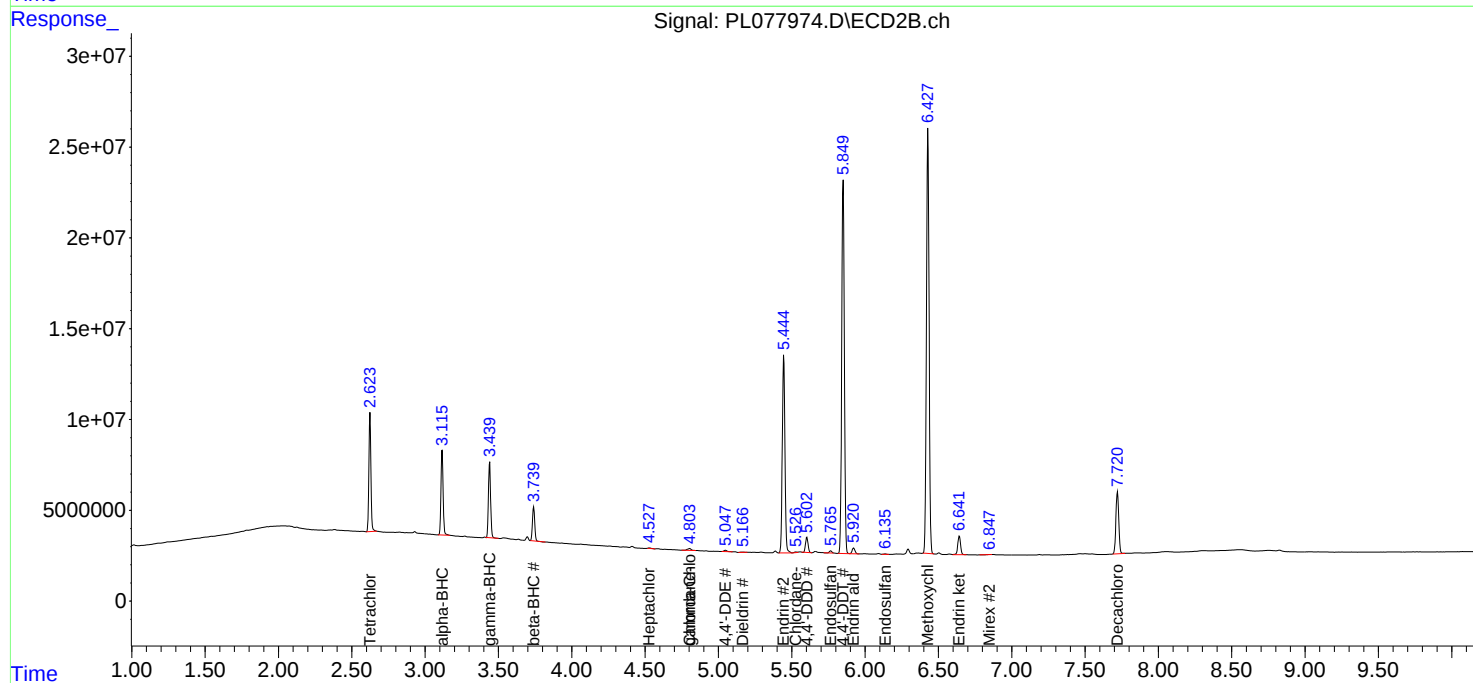
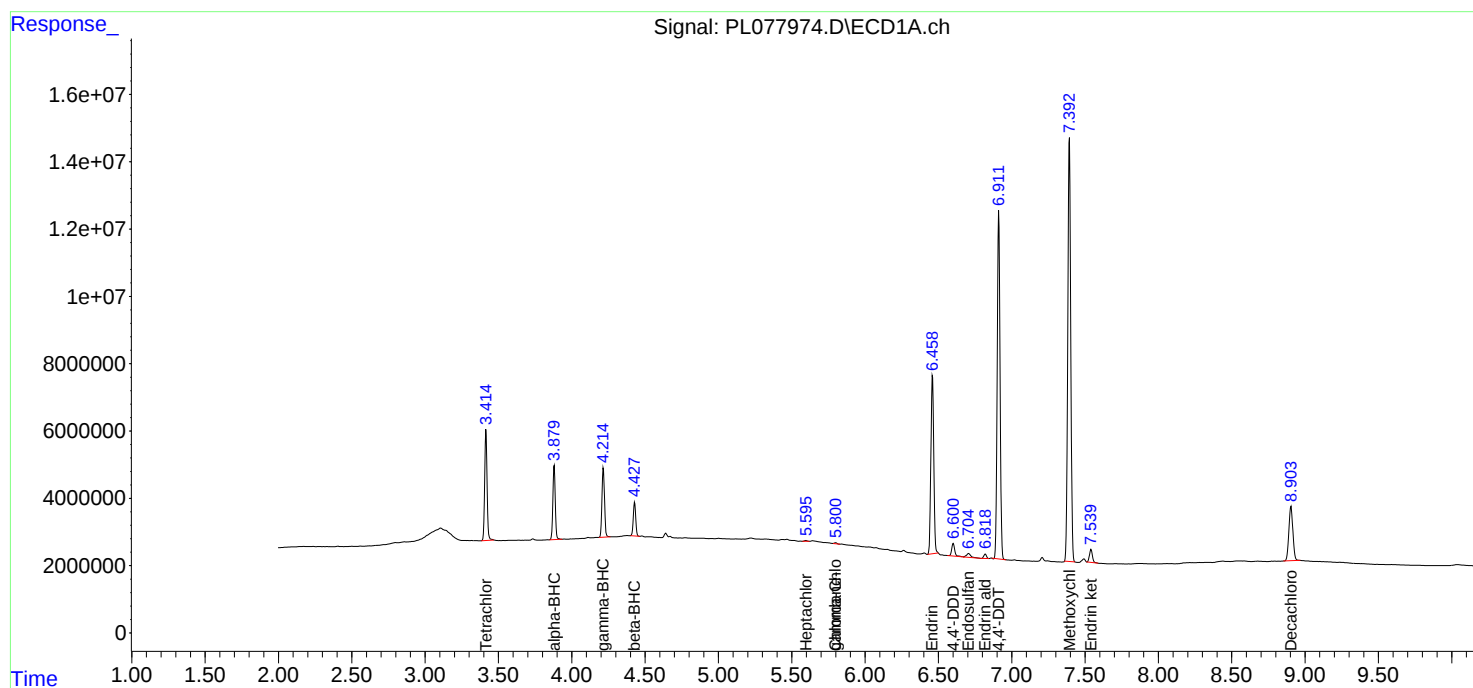
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

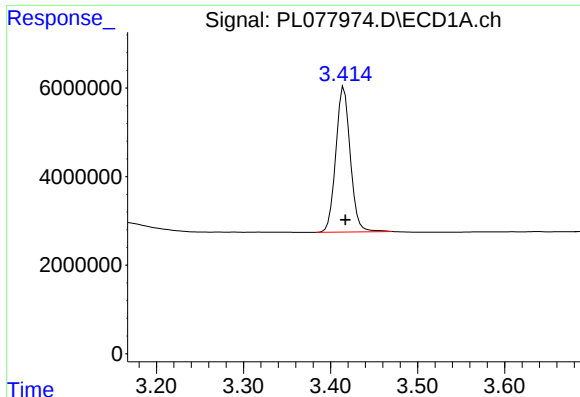
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

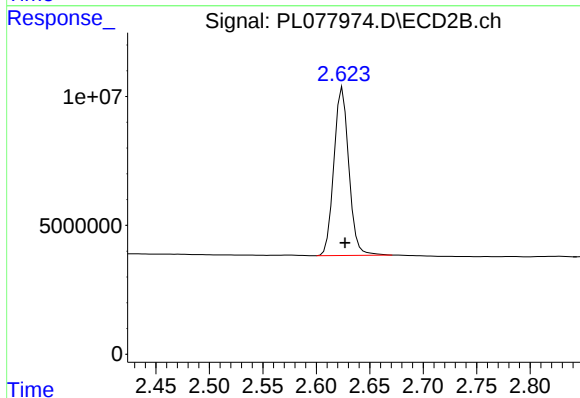




#1 Tetrachloro-m-xylene

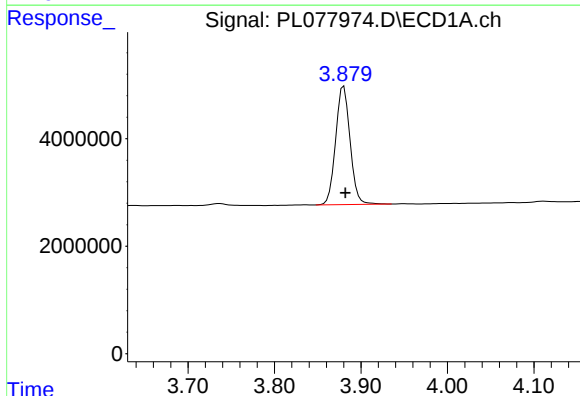
R.T.: 3.415 min
Delta R.T.: -0.002 min
Response: 38010653
Conc: 23.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



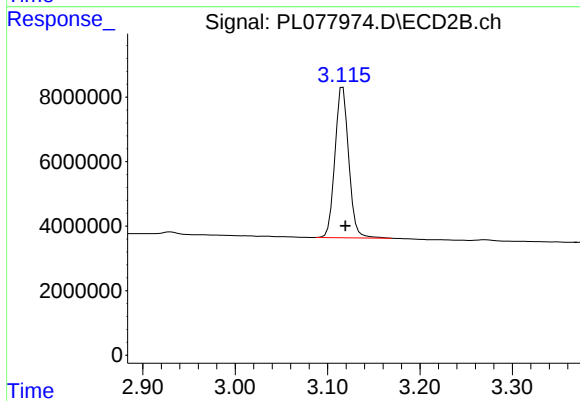
#1 Tetrachloro-m-xylene

R.T.: 2.625 min
Delta R.T.: -0.002 min
Response: 63434898
Conc: 21.37 ng/ml



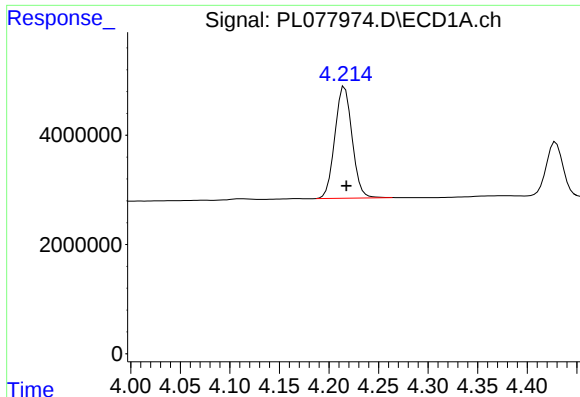
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.002 min
Response: 25465012
Conc: 10.73 ng/ml



#2 alpha-BHC

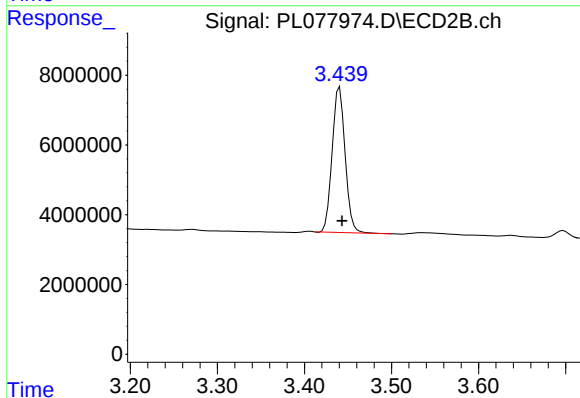
R.T.: 3.117 min
Delta R.T.: -0.003 min
Response: 48366291
Conc: 10.66 ng/ml



#3 gamma-BHC (Lindane)

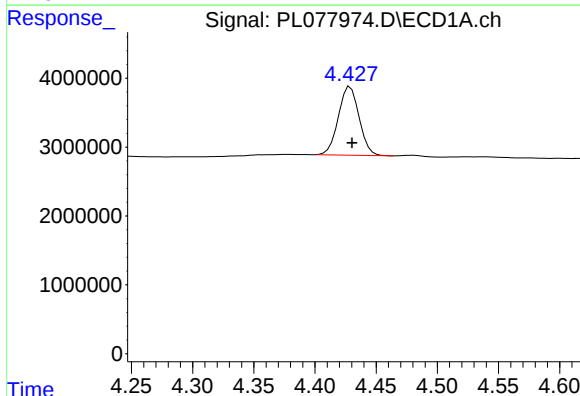
R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 24746869
Conc: 11.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



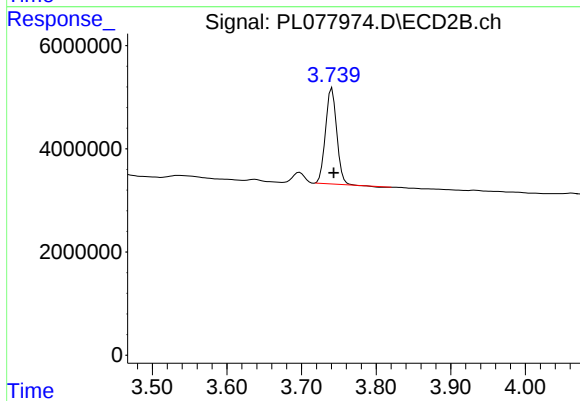
#3 gamma-BHC (Lindane)

R.T.: 3.440 min
Delta R.T.: -0.003 min
Response: 43098672
Conc: 10.67 ng/ml



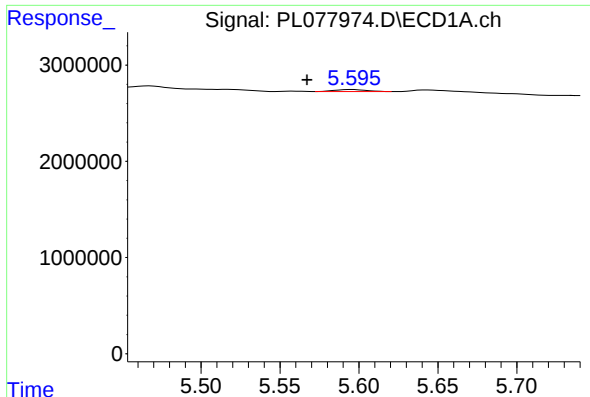
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: -0.001 min
Response: 11739797
Conc: 12.08 ng/ml



#6 beta-BHC

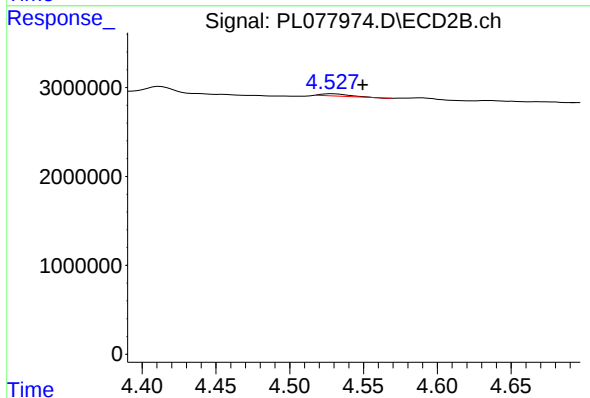
R.T.: 3.741 min
Delta R.T.: -0.003 min
Response: 19158292
Conc: 11.51 ng/ml



#8 Heptachlor epoxide

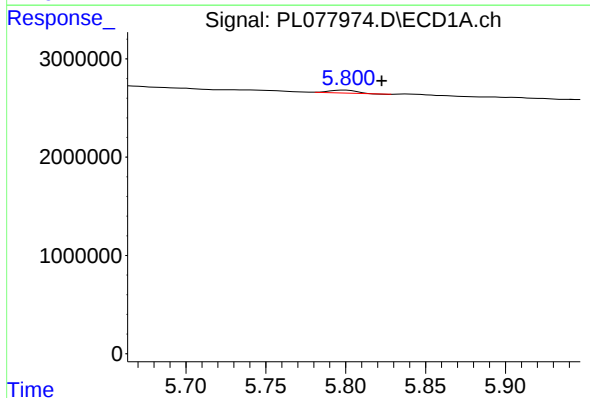
R.T.: 5.596 min
Delta R.T.: 0.029 min
Response: 235669
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



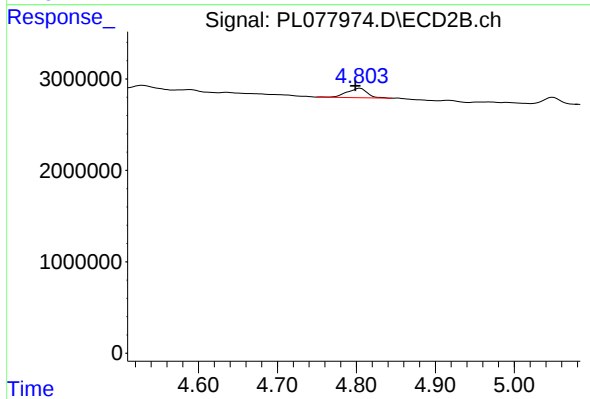
#8 Heptachlor epoxide

R.T.: 4.529 min
Delta R.T.: -0.021 min
Response: 335519
Conc: 0.10 ng/ml



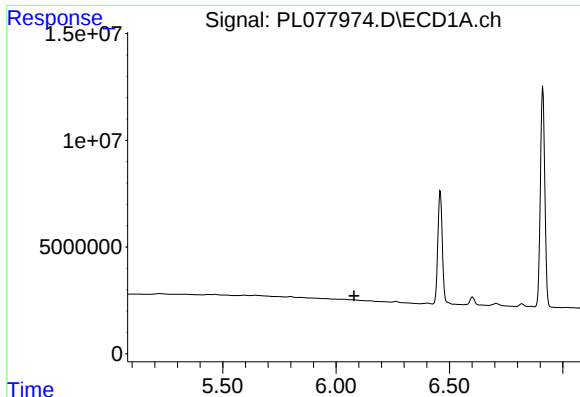
#10 gamma-Chlordane

R.T.: 5.799 min
Delta R.T.: -0.023 min
Response: 368418
Conc: 0.21 ng/ml



#10 gamma-Chlordane

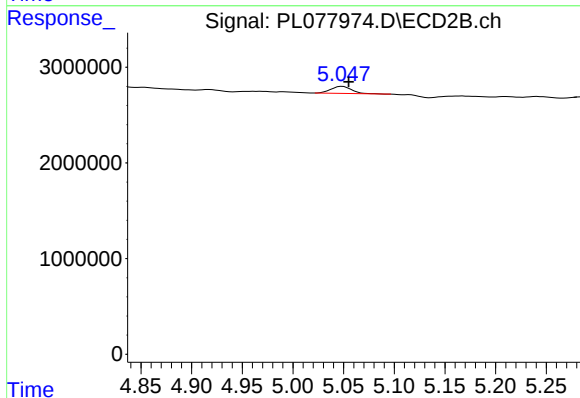
R.T.: 4.805 min
Delta R.T.: 0.006 min
Response: 1860438
Conc: 0.55 ng/ml



#12 4,4'-DDE

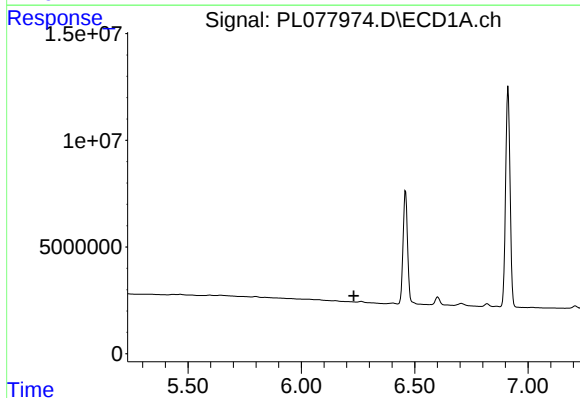
R.T.: 0.000 min
Exp R.T.: 6.080 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



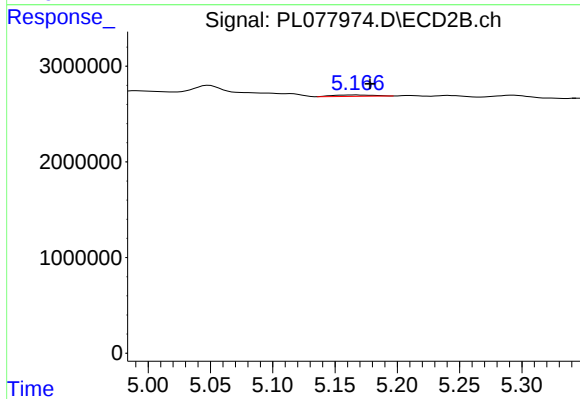
#12 4,4'-DDE

R.T.: 5.049 min
Delta R.T.: -0.006 min
Response: 1041891
Conc: 0.32 ng/ml



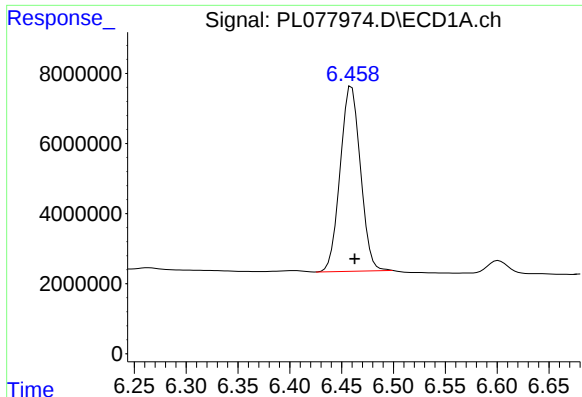
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 6.232 min
Response: 0
Conc: N.D.



#13 Dieldrin

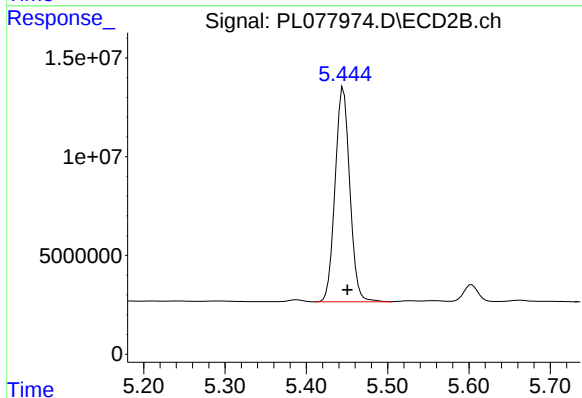
R.T.: 5.167 min
Delta R.T.: -0.011 min
Response: 309445
Conc: 0.09 ng/ml



#14 Endrin

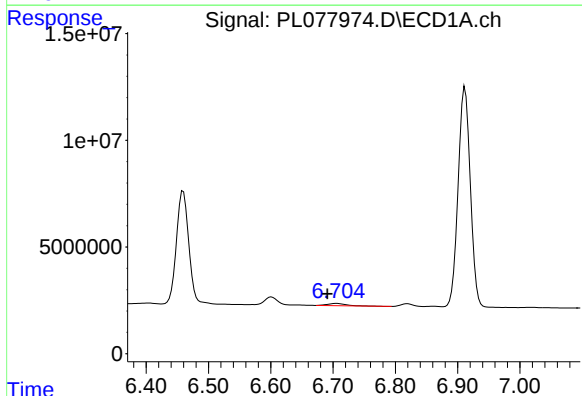
R.T.: 6.460 min
Delta R.T.: -0.003 min
Response: 71837615
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



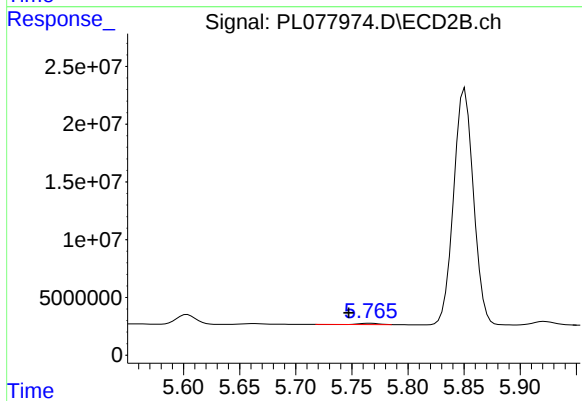
#14 Endrin

R.T.: 5.446 min
Delta R.T.: -0.005 min
Response: 136290276
Conc: 47.80 ng/ml



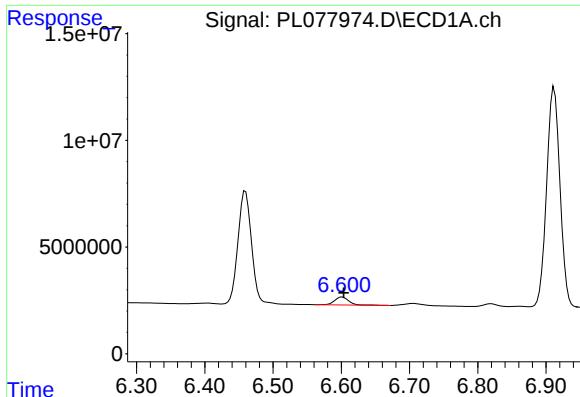
#15 Endosulfan II

R.T.: 6.706 min
Delta R.T.: 0.015 min
Response: 2306620
Conc: 1.67 ng/ml



#15 Endosulfan II

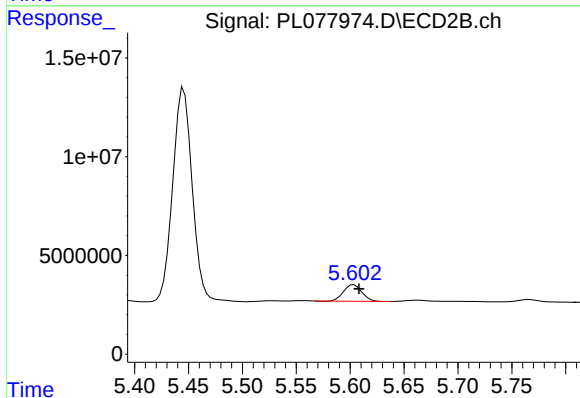
R.T.: 5.766 min
Delta R.T.: 0.019 min
Response: 1207203
Conc: 0.46 ng/ml



#16 4,4'-DDD

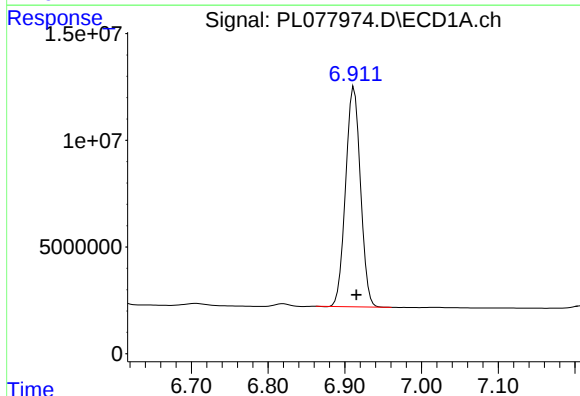
R.T.: 6.601 min
Delta R.T.: -0.002 min
Response: 5456327
Conc: 4.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



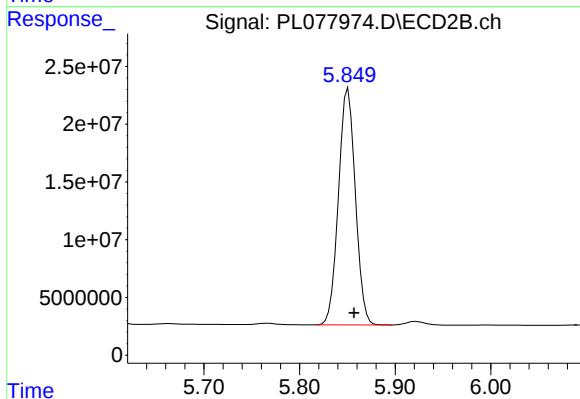
#16 4,4'-DDD

R.T.: 5.603 min
Delta R.T.: -0.005 min
Response: 9941575
Conc: 3.84 ng/ml



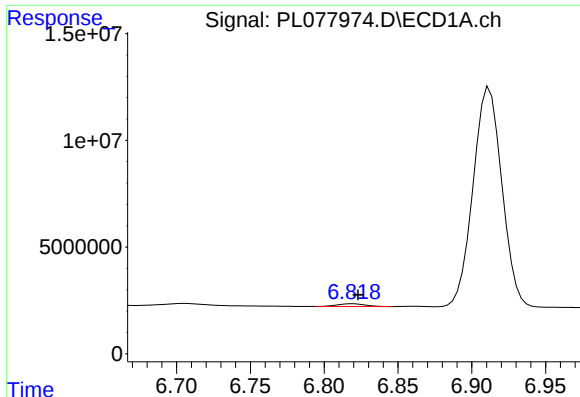
#17 4,4'-DDT

R.T.: 6.912 min
Delta R.T.: -0.003 min
Response: 139435474
Conc: 110.04 ng/ml



#17 4,4'-DDT

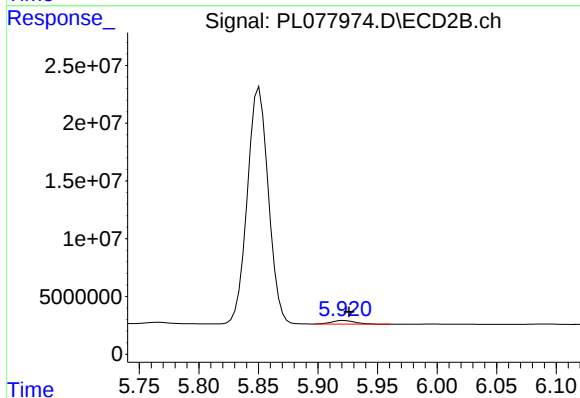
R.T.: 5.851 min
Delta R.T.: -0.006 min
Response: 251733540
Conc: 95.54 ng/ml



#18 Endrin aldehyde

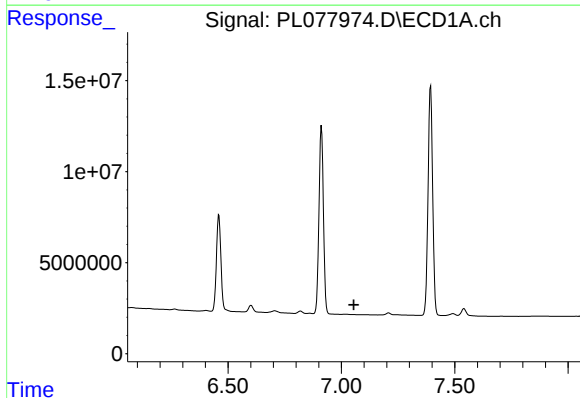
R.T.: 6.820 min
Delta R.T.: -0.003 min
Response: 1672039
Conc: 1.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



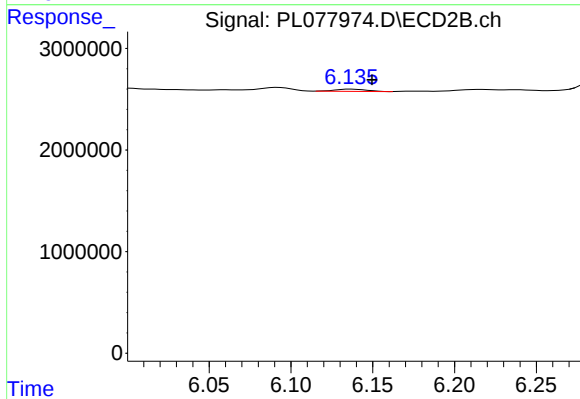
#18 Endrin aldehyde

R.T.: 5.922 min
Delta R.T.: -0.004 min
Response: 4385698
Conc: 2.13 ng/ml



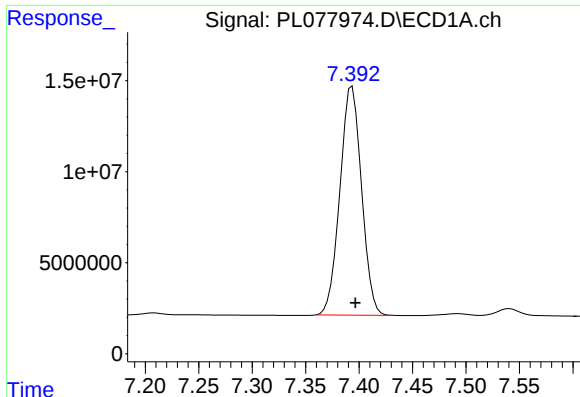
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.055 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

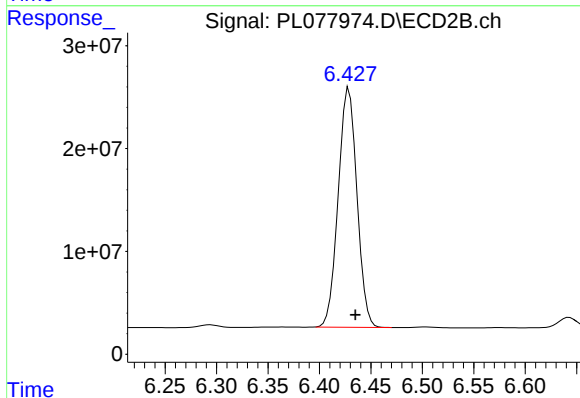
R.T.: 6.137 min
Delta R.T.: -0.013 min
Response: 282487
Conc: 0.11 ng/ml



#20 Methoxychlor

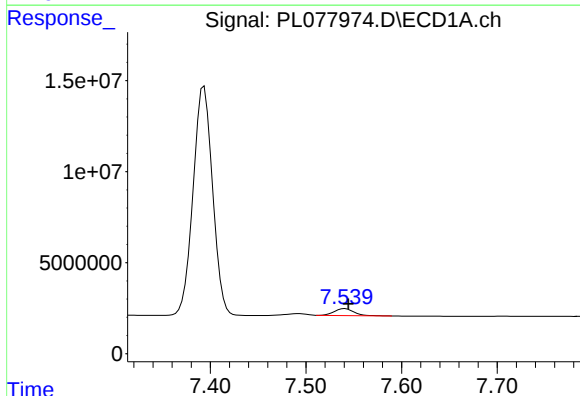
R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 176866904
Conc: 267.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



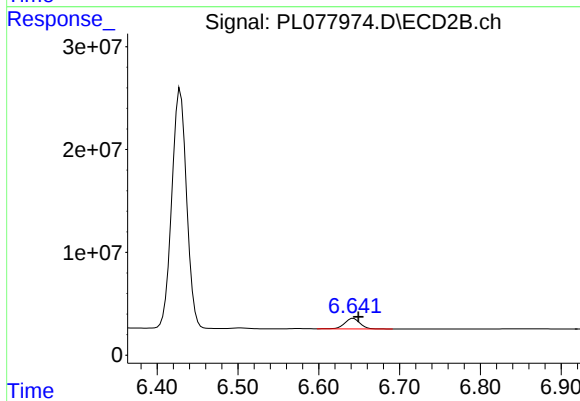
#20 Methoxychlor

R.T.: 6.429 min
Delta R.T.: -0.006 min
Response: 294982332
Conc: 215.41 ng/ml



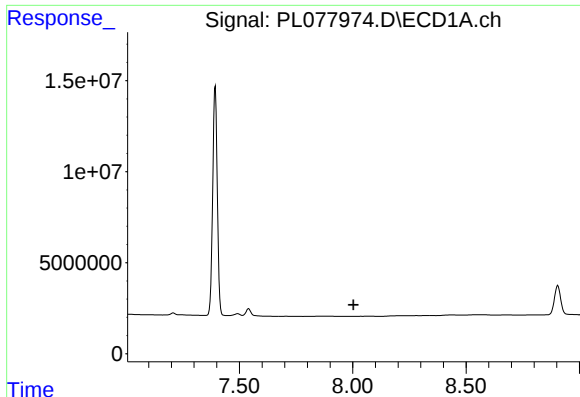
#21 Endrin ketone

R.T.: 7.541 min
Delta R.T.: -0.004 min
Response: 5306331
Conc: 3.84 ng/ml



#21 Endrin ketone

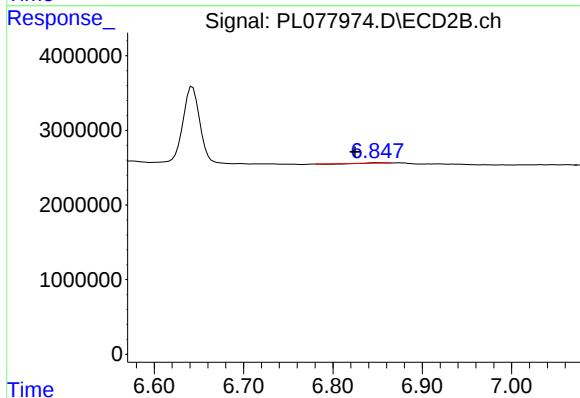
R.T.: 6.643 min
Delta R.T.: -0.006 min
Response: 13611963
Conc: 4.49 ng/ml



#22 Mirex

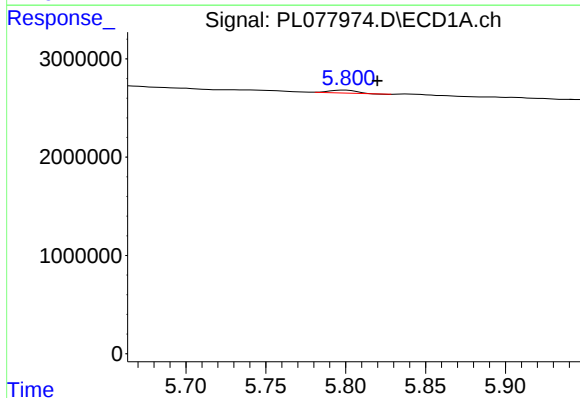
R.T.: 0.000 min
Exp R.T.: 8.004 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



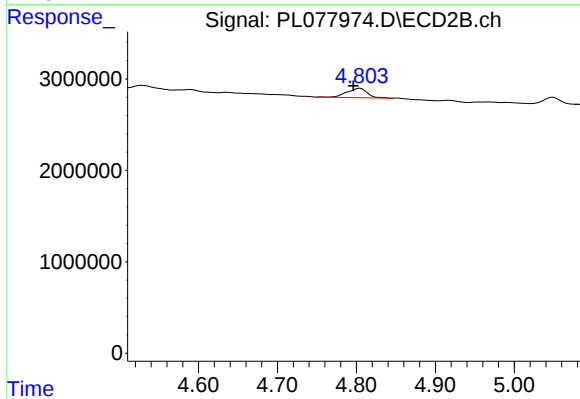
#22 Mirex

R.T.: 6.848 min
Delta R.T.: 0.023 min
Response: 185
Conc: 0.00 ng/ml



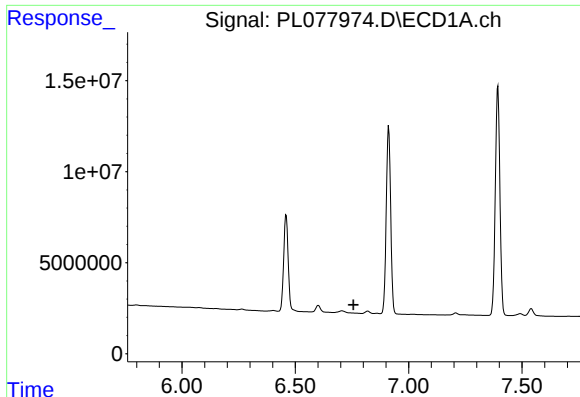
#25 Chlordane-3

R.T.: 5.799 min
Delta R.T.: -0.020 min
Response: 368418
Conc: 1.50 ng/ml



#25 Chlordane-3

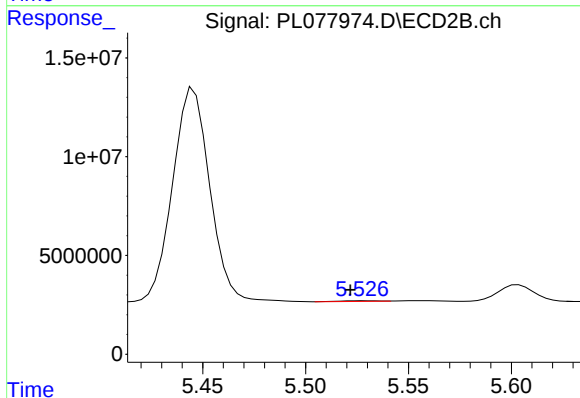
R.T.: 4.805 min
Delta R.T.: 0.008 min
Response: 1860438
Conc: 5.41 ng/ml



#27 Chlordane-5

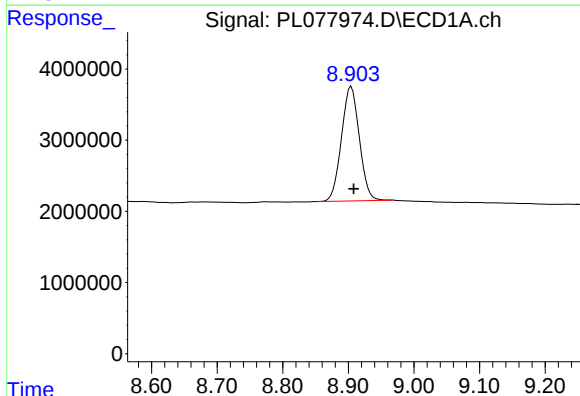
R.T.: 0.000 min
Exp R.T.: 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



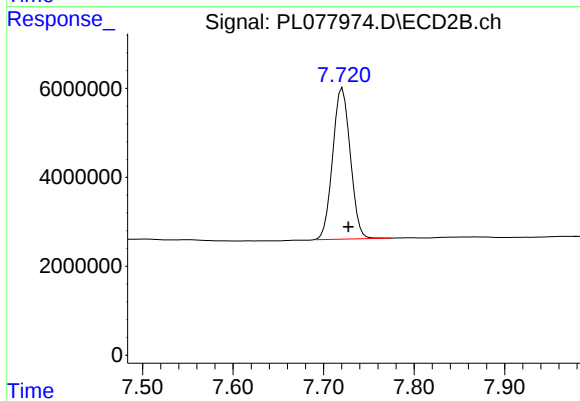
#27 Chlordane-5

R.T.: 5.528 min
Delta R.T.: 0.006 min
Response: 414876
Conc: 4.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.905 min
Delta R.T.: -0.004 min
Response: 30427680
Conc: 23.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.721 min
Delta R.T.: -0.007 min
Response: 45977117
Conc: 18.32 ng/ml