

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111323\
 Data File : PL086621.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2023 17:41
 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: Nov 13 20:08:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 2023
 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...	3.350	2.617	58277762	17162413	17.948	17.430
28)	SA Decachlor...	8.851	7.767	53260300	22350400	18.195	18.508
Target Compounds							
2)	A alpha-BHC	3.805	3.115	41073723	10608719	8.538	7.959
3)	MA gamma-BHC...	4.136	3.441	39305334	9610759	8.355	7.242
5)	MB Aldrin	5.061	4.078f	280595	337245	0.062	0.259 #
6)	B beta-BHC	4.340	3.744	18953656	6324971	9.371	10.612
8)	B Heptachlo...	5.495	0.000	6407159	0	1.648	N.D. #
9)	A Endosulfan I	5.863	4.944f	11204087	556507	2.986	0.484 #
10)	B gamma-Chl...	5.734f	0.000	9744225	0	2.378	N.D. #
11)	B alpha-Chl...	5.817	4.894f	3205641	562124	0.790	0.450 #
12)	B 4,4'-DDE	6.005	5.074	2158392	97362	0.622	0.095 #
14)	MA Endrin	6.381	5.466	139.9E6	46701626	40.612	42.637
15)	B Endosulfa...	6.601	5.741f	16627773	1574521	4.678	1.435 #
16)	A 4,4'-DDD	6.533	5.631	3185622	169130	1.196	0.199 #
17)	MA 4,4'-DDT	6.847	5.880	288.8E6	100.9E6	97.416	103.178
18)	B Endrin al...	6.737	5.947	3016442	3830779	1.138	4.089 #
20)	A Methoxychlor	7.334	6.465	378.8E6	144.1E6	237.364	240.985
21)	B Endrin ke...	7.453	6.671	4385969	830551	1.287	0.648 #
22)	Mirex	0.000	6.857	0	48194	N.D.	0.042 #
24)	Chlordane-2	5.061f	4.175	280595	861534	1.851	19.074 #
25)	Chlordane-3	5.734f	0.000	9744225	0	16.846	N.D. #
26)	Chlordane-4	5.817f	4.854f	3205641	167556	4.484	1.312 #

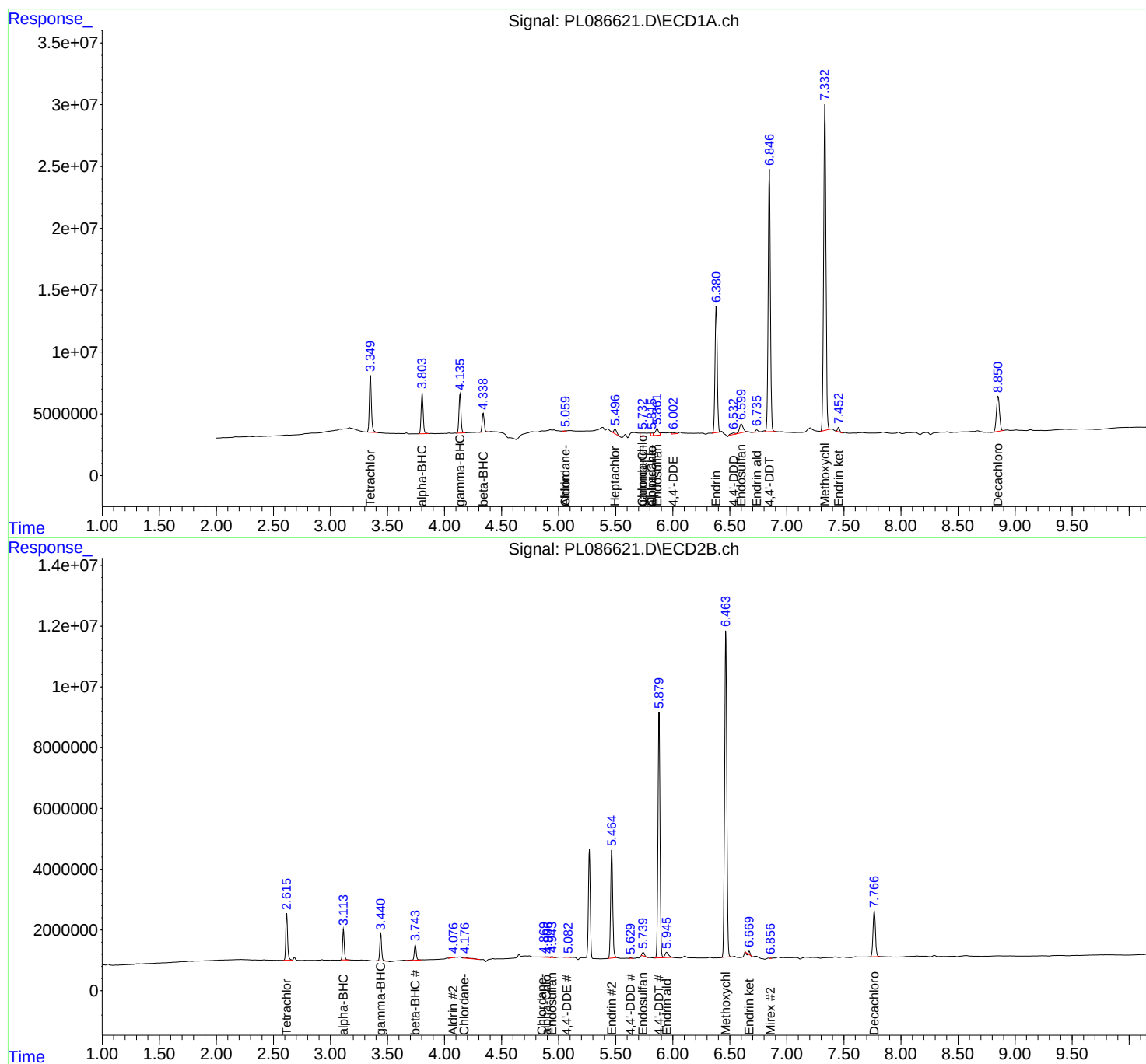
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

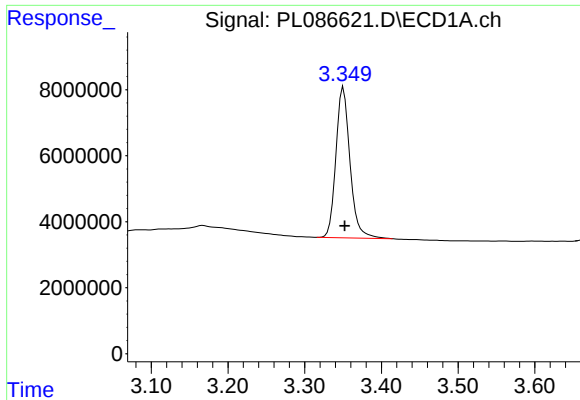
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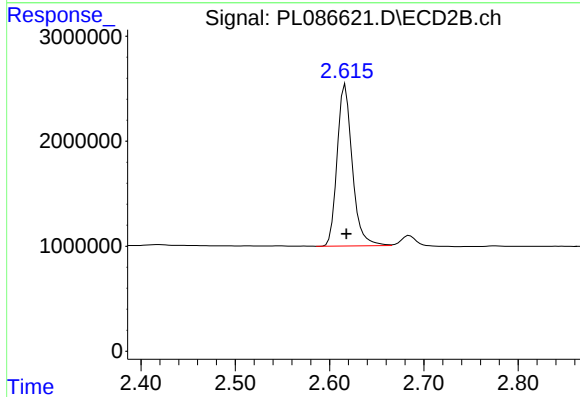




#1 Tetrachloro-m-xylene

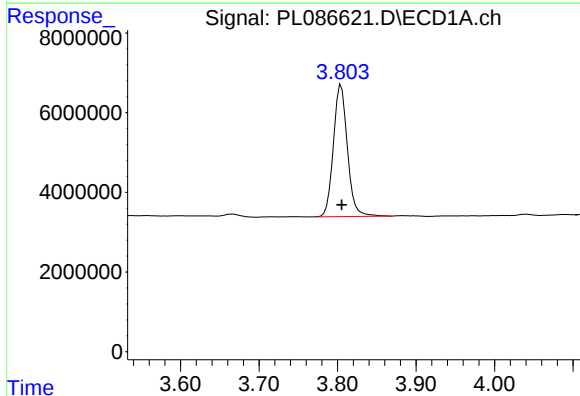
R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 58277762
Conc: 17.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



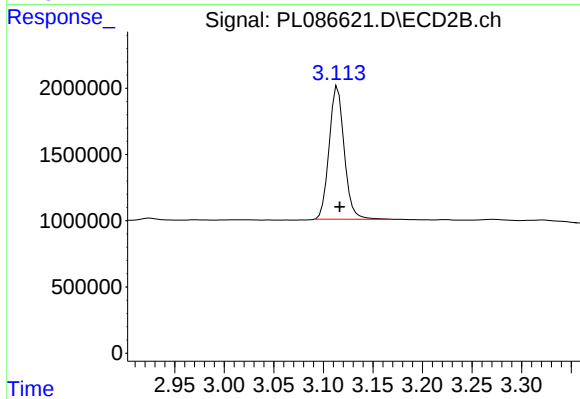
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: -0.001 min
Response: 17162413
Conc: 17.43 ng/ml



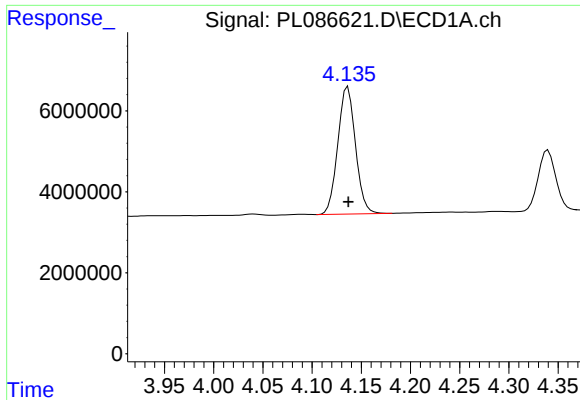
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 41073723
Conc: 8.54 ng/ml



#2 alpha-BHC

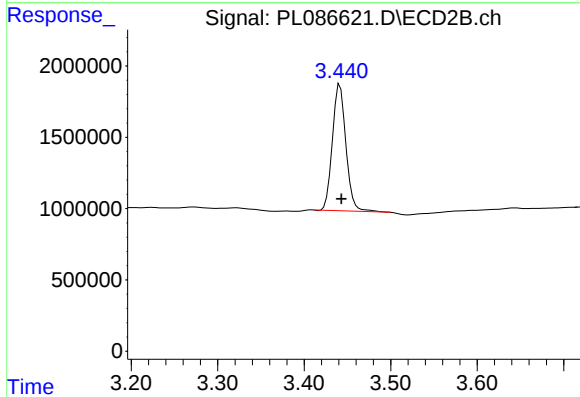
R.T.: 3.115 min
Delta R.T.: -0.002 min
Response: 10608719
Conc: 7.96 ng/ml



#3 gamma-BHC (Lindane)

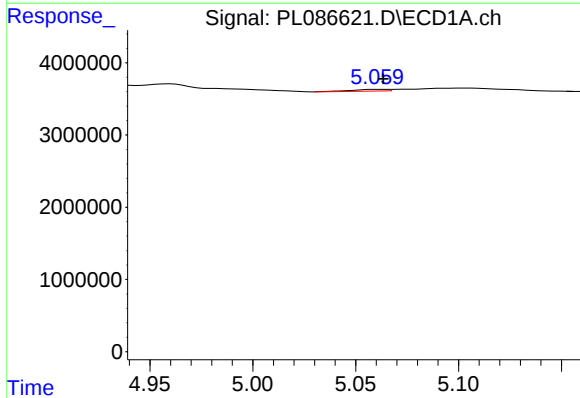
R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 39305334
Conc: 8.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



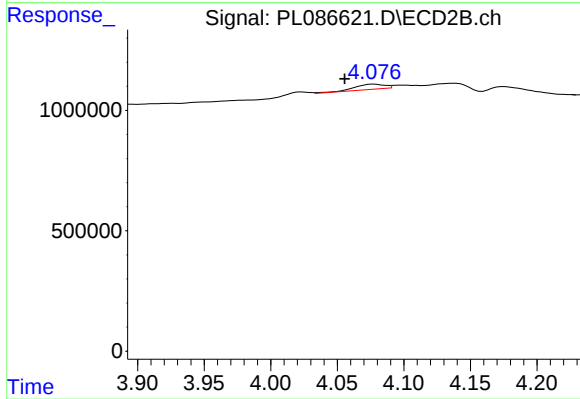
#3 gamma-BHC (Lindane)

R.T.: 3.441 min
Delta R.T.: -0.002 min
Response: 9610759
Conc: 7.24 ng/ml



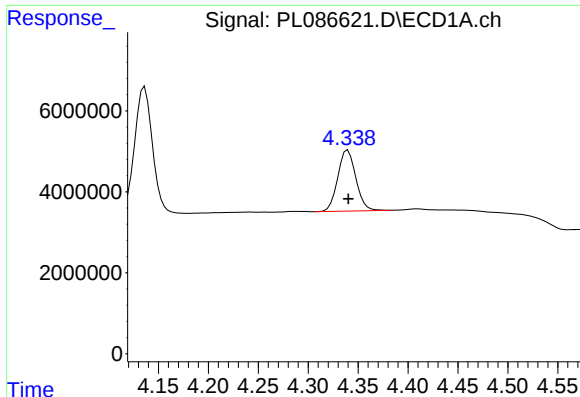
#5 Aldrin

R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 280595
Conc: 0.06 ng/ml



#5 Aldrin

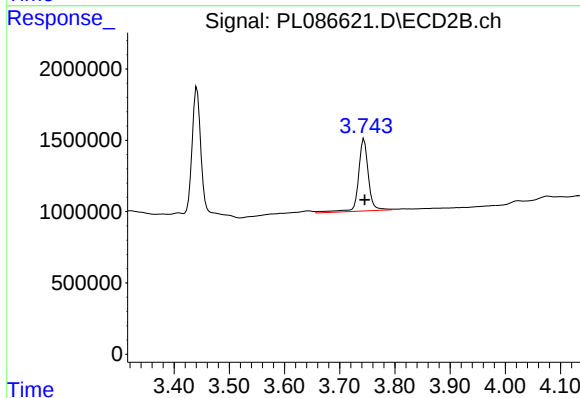
R.T.: 4.078 min
Delta R.T.: 0.022 min
Response: 337245
Conc: 0.26 ng/ml



#6 beta-BHC

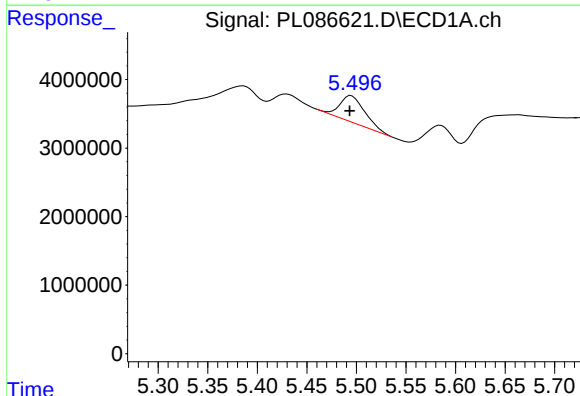
R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 18953656
Conc: 9.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



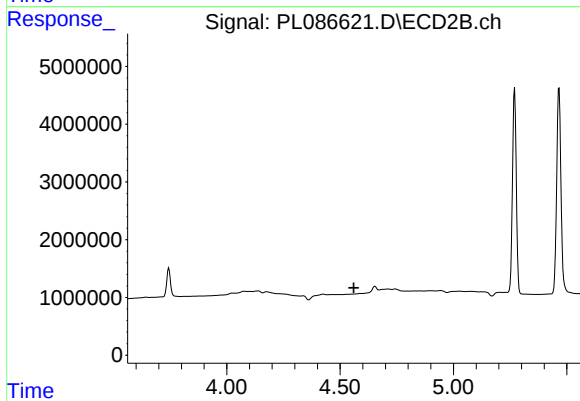
#6 beta-BHC

R.T.: 3.744 min
Delta R.T.: -0.001 min
Response: 6324971
Conc: 10.61 ng/ml



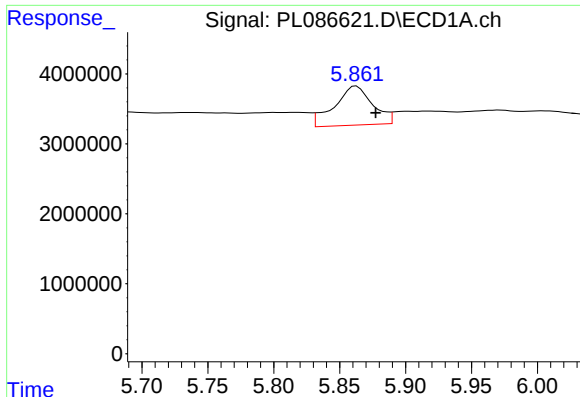
#8 Heptachlor epoxide

R.T.: 5.495 min
Delta R.T.: 0.001 min
Response: 6407159
Conc: 1.65 ng/ml



#8 Heptachlor epoxide

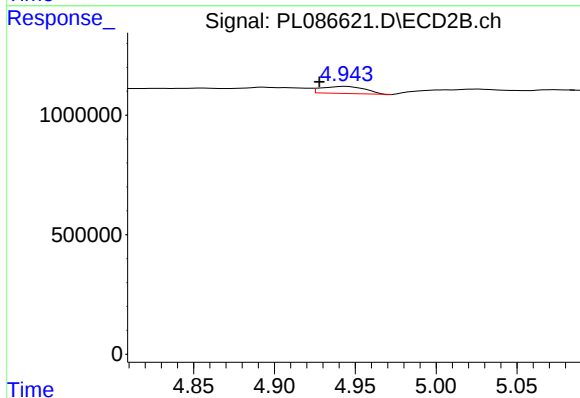
R.T.: 0.000 min
Exp R.T. : 4.561 min
Response: 0
Conc: N.D.



#9 Endosulfan I

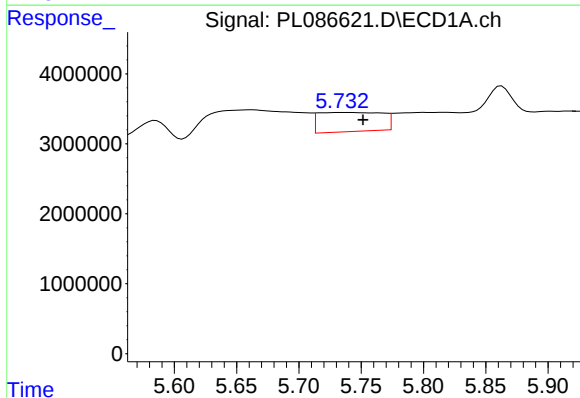
R.T.: 5.863 min
Delta R.T.: -0.015 min
Response: 11204087
Conc: 2.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



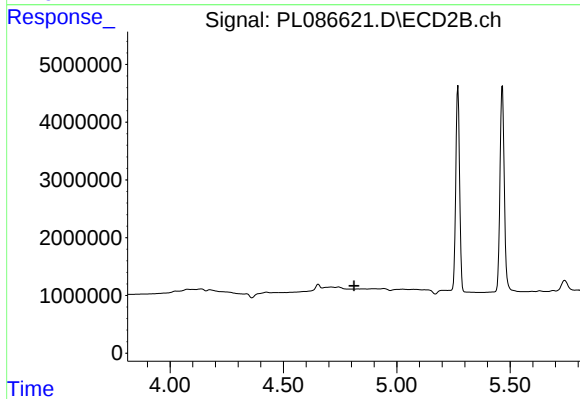
#9 Endosulfan I

R.T.: 4.944 min
Delta R.T.: 0.016 min
Response: 556507
Conc: 0.48 ng/ml



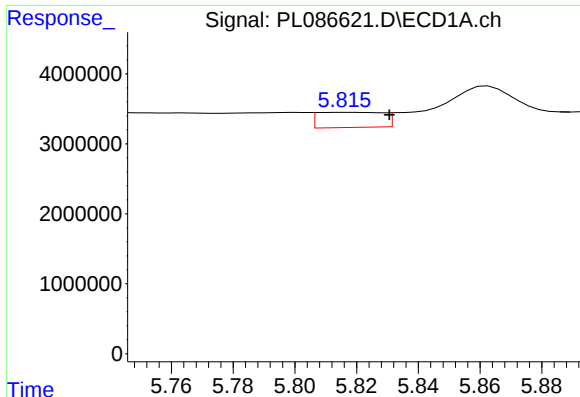
#10 gamma-Chlordane

R.T.: 5.734 min
Delta R.T.: -0.017 min
Response: 9744225
Conc: 2.38 ng/ml



#10 gamma-Chlordane

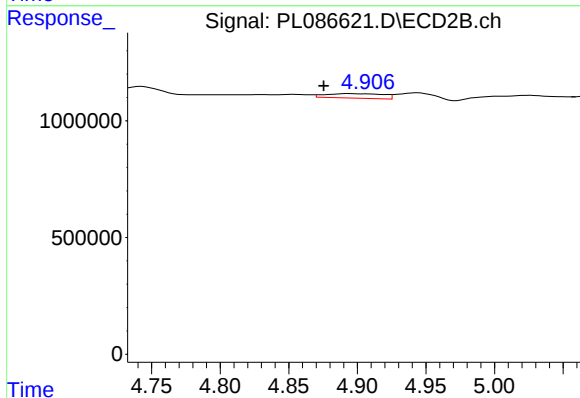
R.T.: 0.000 min
Exp R.T. : 4.811 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

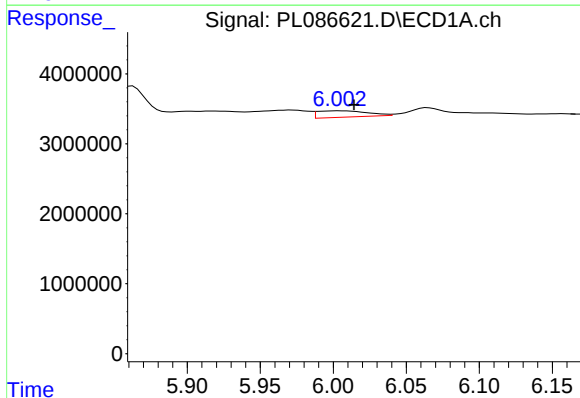
R.T.: 5.817 min
Delta R.T.: -0.014 min
Response: 3205641
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :



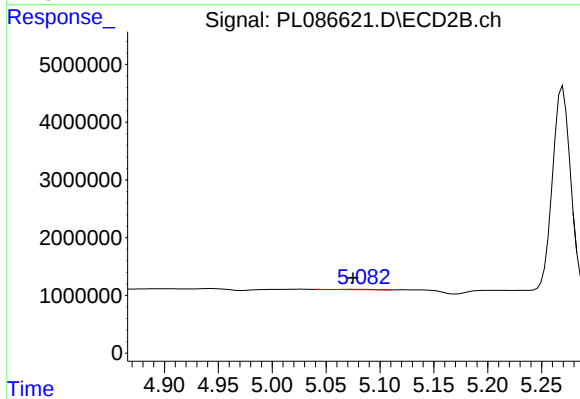
#11 alpha-Chlordane

R.T.: 4.894 min
Delta R.T.: 0.018 min
Response: 562124
Conc: 0.45 ng/ml



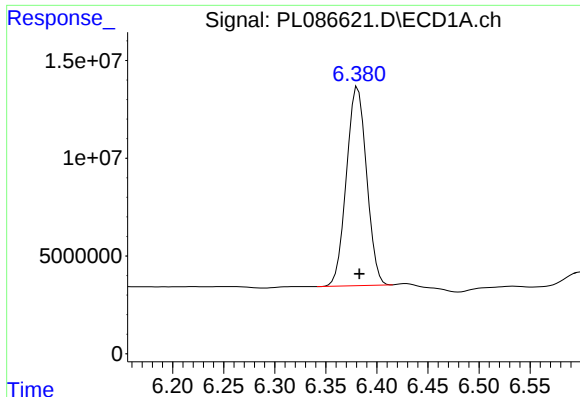
#12 4,4'-DDE

R.T.: 6.005 min
Delta R.T.: -0.010 min
Response: 2158392
Conc: 0.62 ng/ml



#12 4,4'-DDE

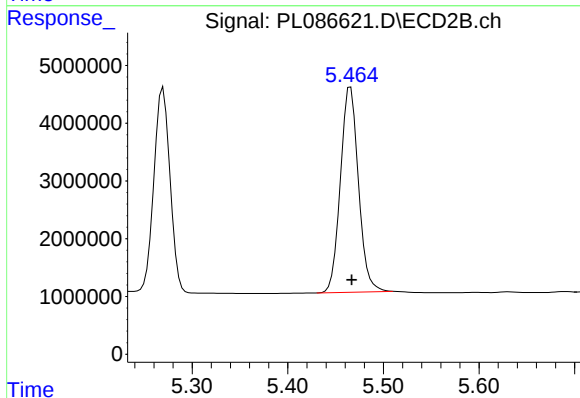
R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 97362
Conc: 0.09 ng/ml



#14 Endrin

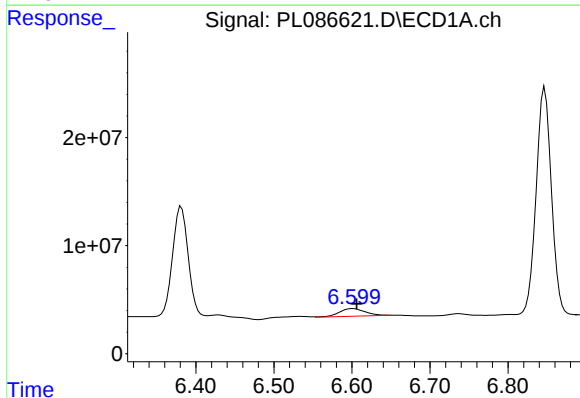
R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 139881592
Conc: 40.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



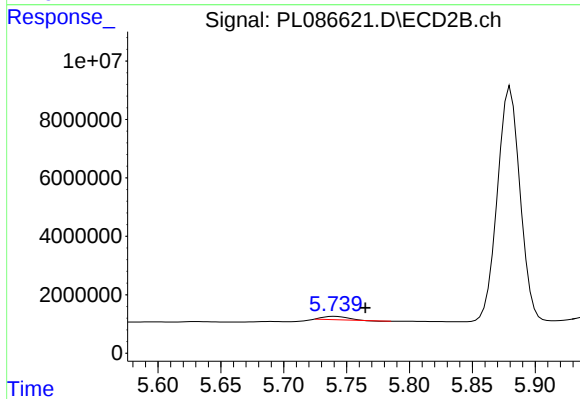
#14 Endrin

R.T.: 5.466 min
Delta R.T.: -0.001 min
Response: 46701626
Conc: 42.64 ng/ml



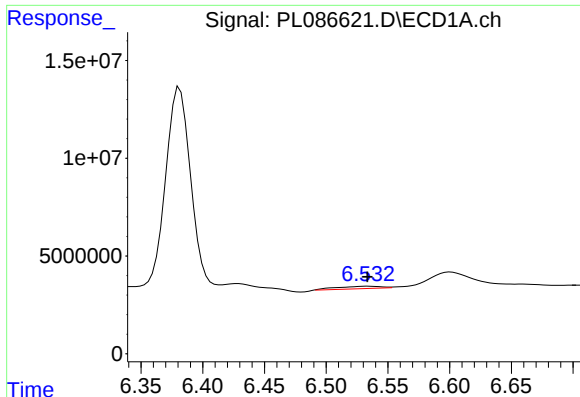
#15 Endosulfan II

R.T.: 6.601 min
Delta R.T.: -0.005 min
Response: 16627773
Conc: 4.68 ng/ml



#15 Endosulfan II

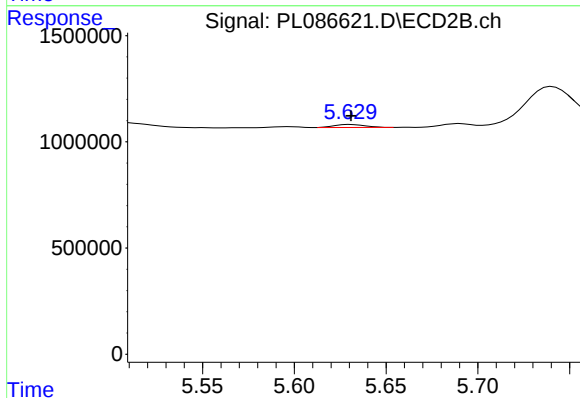
R.T.: 5.741 min
Delta R.T.: -0.024 min
Response: 1574521
Conc: 1.43 ng/ml



#16 4,4'-DDD

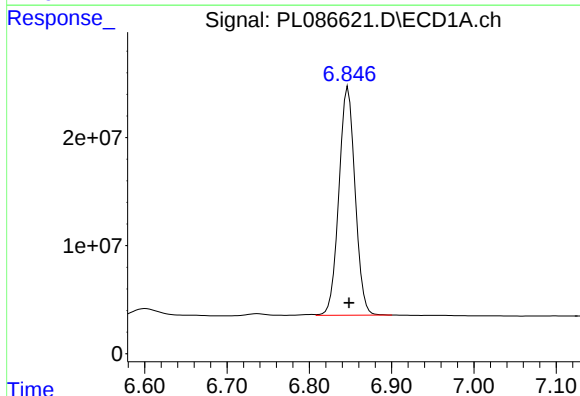
R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 3185622
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



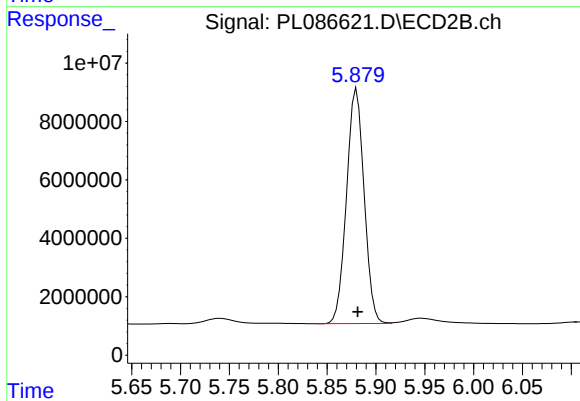
#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 169130
Conc: 0.20 ng/ml



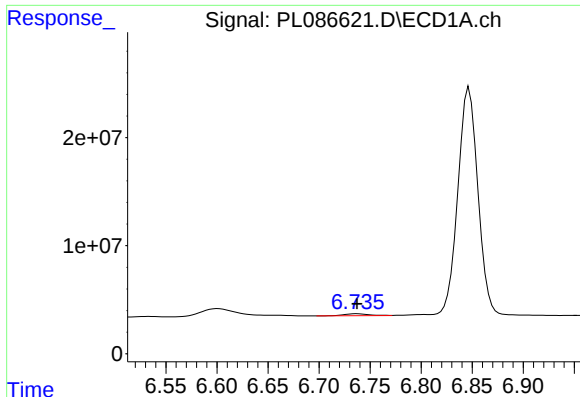
#17 4,4'-DDT

R.T.: 6.847 min
Delta R.T.: -0.001 min
Response: 288771195
Conc: 97.42 ng/ml



#17 4,4'-DDT

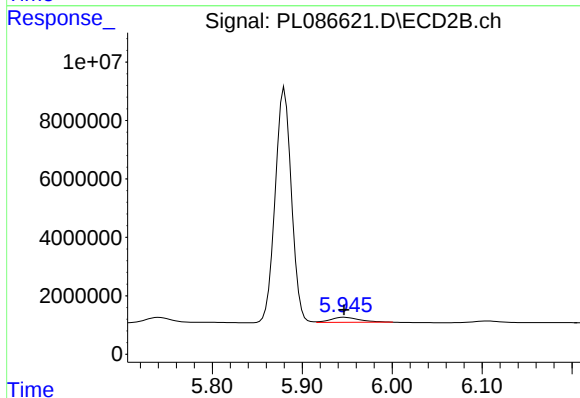
R.T.: 5.880 min
Delta R.T.: -0.001 min
Response: 100863751
Conc: 103.18 ng/ml



#18 Endrin aldehyde

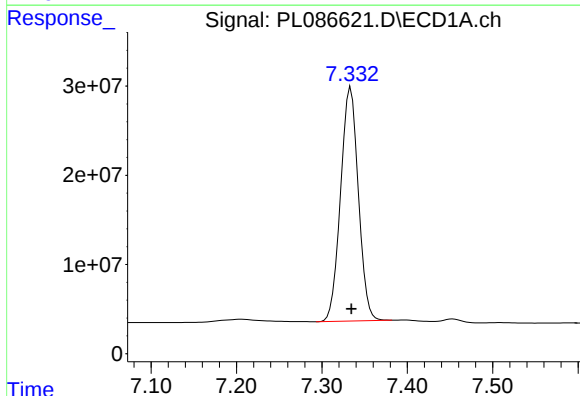
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 3016442
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



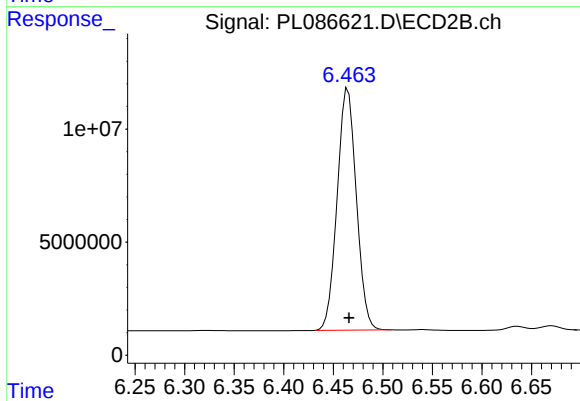
#18 Endrin aldehyde

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 3830779
Conc: 4.09 ng/ml



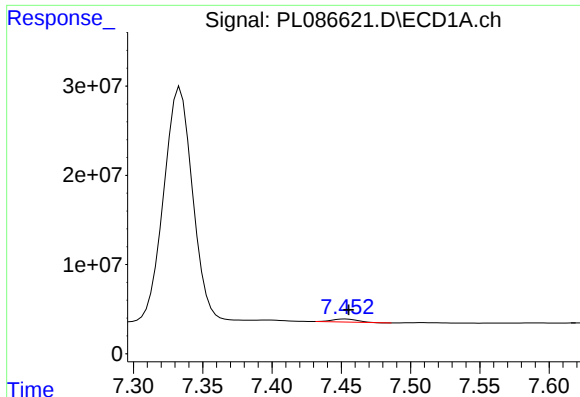
#20 Methoxychlor

R.T.: 7.334 min
Delta R.T.: 0.000 min
Response: 378802390
Conc: 237.36 ng/ml



#20 Methoxychlor

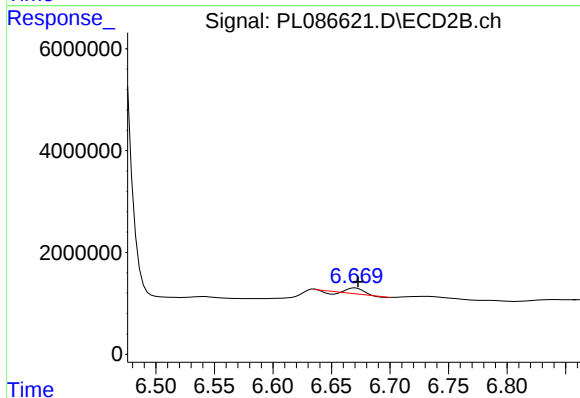
R.T.: 6.465 min
Delta R.T.: -0.001 min
Response: 144149498
Conc: 240.98 ng/ml



#21 Endrin ketone

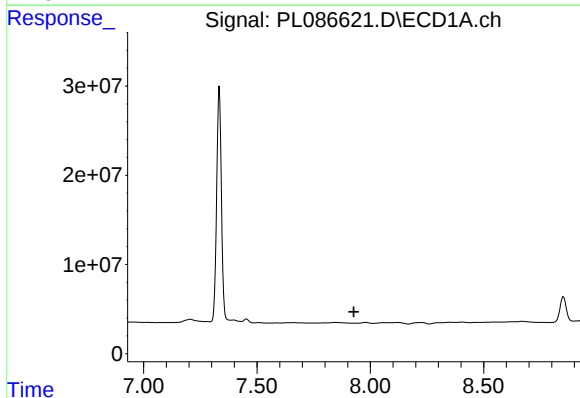
R.T.: 7.453 min
Delta R.T.: -0.002 min
Response: 4385969
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



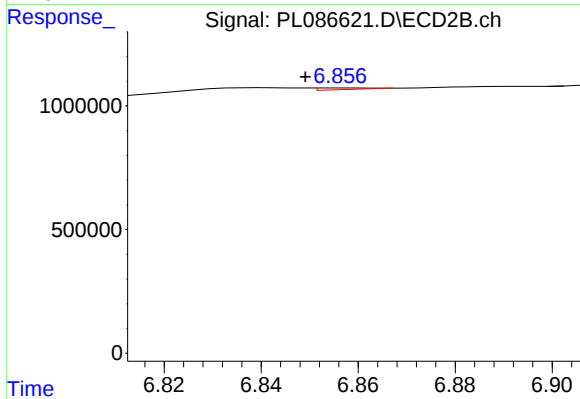
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 830551
Conc: 0.65 ng/ml



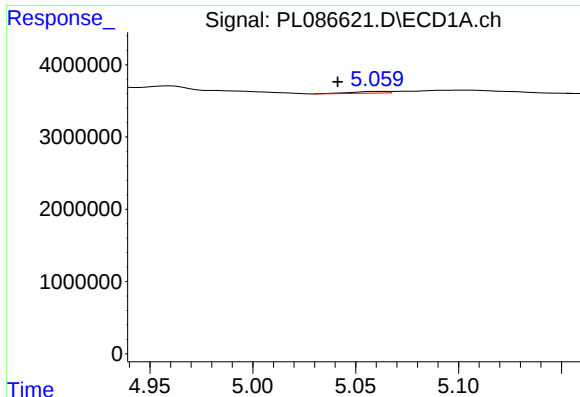
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.926 min
Response: 0
Conc: N.D.



#22 Mirex

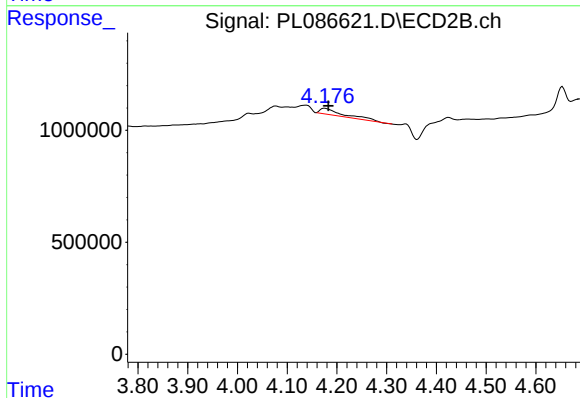
R.T.: 6.857 min
Delta R.T.: 0.008 min
Response: 48194
Conc: 0.04 ng/ml



#24 Chlordane-2

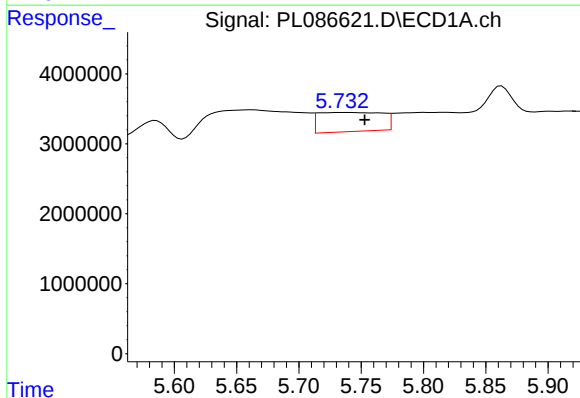
R.T.: 5.061 min
Delta R.T.: 0.020 min
Response: 280595
Conc: 1.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



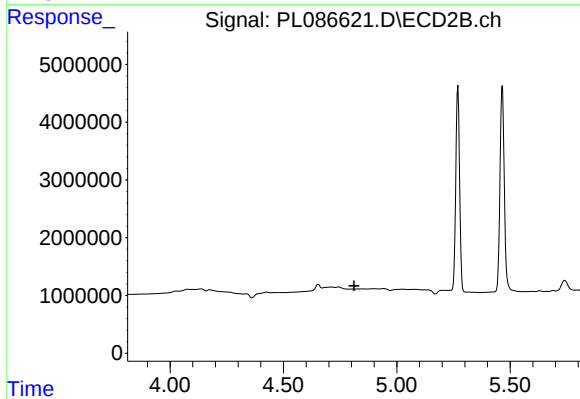
#24 Chlordane-2

R.T.: 4.175 min
Delta R.T.: -0.008 min
Response: 861534
Conc: 19.07 ng/ml



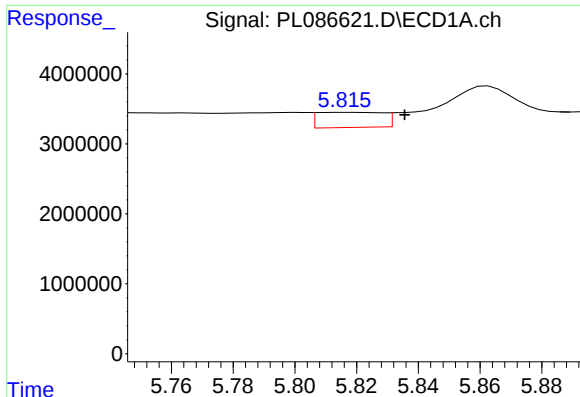
#25 Chlordane-3

R.T.: 5.734 min
Delta R.T.: -0.018 min
Response: 9744225
Conc: 16.85 ng/ml



#25 Chlordane-3

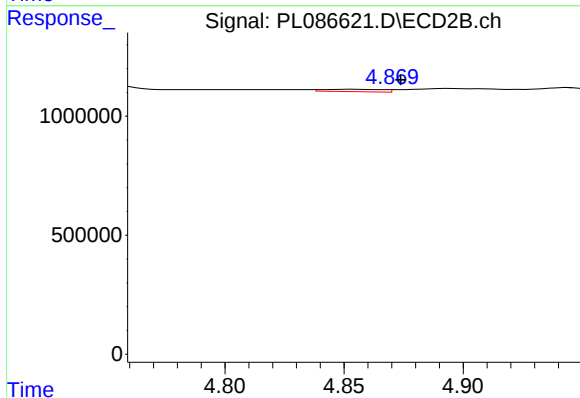
R.T.: 0.000 min
Exp R.T. : 4.812 min
Response: 0
Conc: N.D.



#26 Chlordane-4

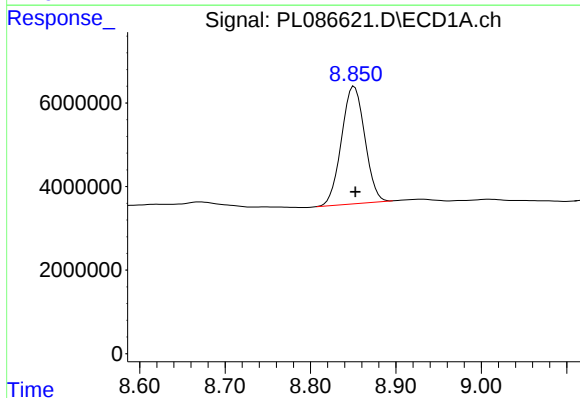
R.T.: 5.817 min
Delta R.T.: -0.019 min
Response: 3205641
Conc: 4.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



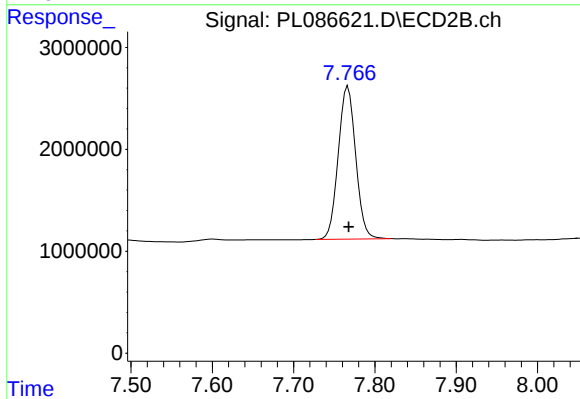
#26 Chlordane-4

R.T.: 4.854 min
Delta R.T.: -0.019 min
Response: 167556
Conc: 1.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: -0.001 min
Response: 53260300
Conc: 18.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 22350400
Conc: 18.51 ng/ml