

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092023\
 Data File : PL085453.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 21:01
 Operator : AR\AJ
 Sample : PB155708BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 00:33:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 20 10:25:09 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...	3.412	2.650	55316705	24997905	16.609	16.433
28)	SA Decachlor...	8.944	7.824	63345435	35696535	18.610	18.233
Target Compounds							
2)	A alpha-BHC	3.868	3.153	269.2E6	126.3E6	54.614	54.195
3)	MA gamma-BHC...	4.201	3.482	253.3E6	120.0E6	51.830	52.094
4)	MA Heptachlor	4.792	3.821	262.7E6	123.3E6	57.004	57.318
5)	MB Aldrin	5.132	4.100	252.1E6	121.7E6	52.078	52.022
6)	B beta-BHC	4.402	3.785	107.8E6	51200665	51.773	53.276
7)	B delta-BHC	4.647	4.012	255.4E6	124.5E6	53.543	53.899
8)	B Heptachlo...	5.562	4.605	227.0E6	111.7E6	52.897	54.023
9)	A Endosulfan I	5.948	4.974	218.0E6	109.1E6	52.876	53.405
10)	B gamma-Chl...	5.820	4.858	233.1E6	116.0E6	53.149	54.703
11)	B alpha-Chl...	5.900	4.922	229.0E6	116.3E6	52.084	53.407
12)	B 4,4'-DDE	6.082	5.121	214.3E6	110.4E6	53.712	54.540
13)	MA Dieldrin	6.225	5.241	224.1E6	115.8E6	51.657	52.947
14)	MA Endrin	6.455	5.516	194.2E6	105.0E6	54.136	56.056
15)	B Endosulfa...	6.677	5.815	188.2E6	98764815	47.567	50.366
16)	A 4,4'-DDD	6.602	5.679	175.1E6	94305661	53.728	54.827
17)	MA 4,4'-DDT	6.917	5.931	189.8E6	101.0E6	52.854	55.419
18)	B Endrin al...	6.808	5.997	98678391	80812682	33.882	51.005 #
19)	B Endosulfa...	7.045	6.222	190.6E6	101.6E6	52.125	54.019
20)	A Methoxychlor	7.403	6.517	105.0E6	54927142	47.908	51.780
21)	B Endrin ke...	7.528	6.725	205.9E6	125.1E6	50.714	50.109
22)	Mirex	8.002	6.904	157.4E6	91973385	49.508	50.589
23)	Chlordane-1	0.000	3.656	0	106419	N.D.	1.910 #
24)	Chlordane-2	5.132f	4.222	252.1E6	1057394	1520.716	13.725 #
25)	Chlordane-3	5.820	4.858	233.1E6	116.0E6	367.550	560.910 #
26)	Chlordane-4	5.900	4.922	229.0E6	116.3E6	292.919	514.460 #
27)	Chlordane-5	0.000	5.595	0	81799	N.D.	1.323 #

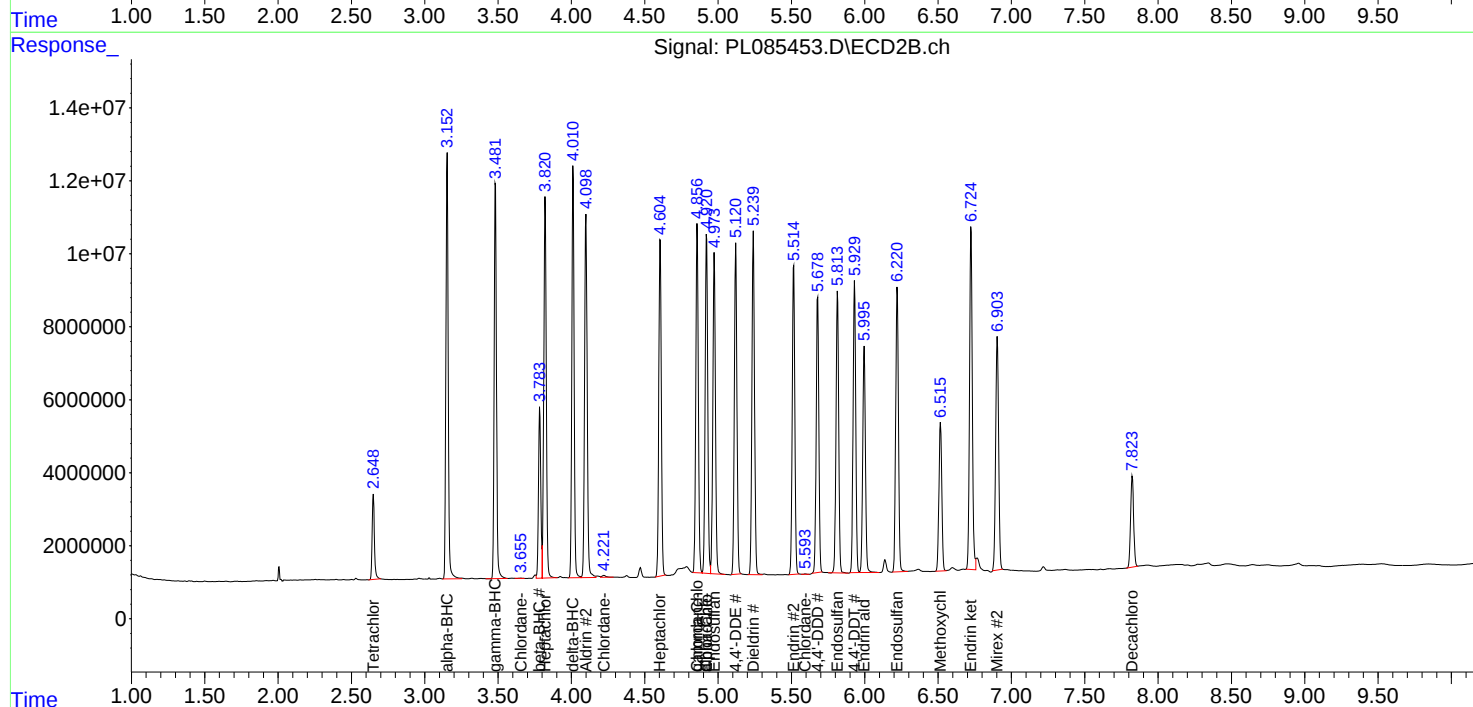
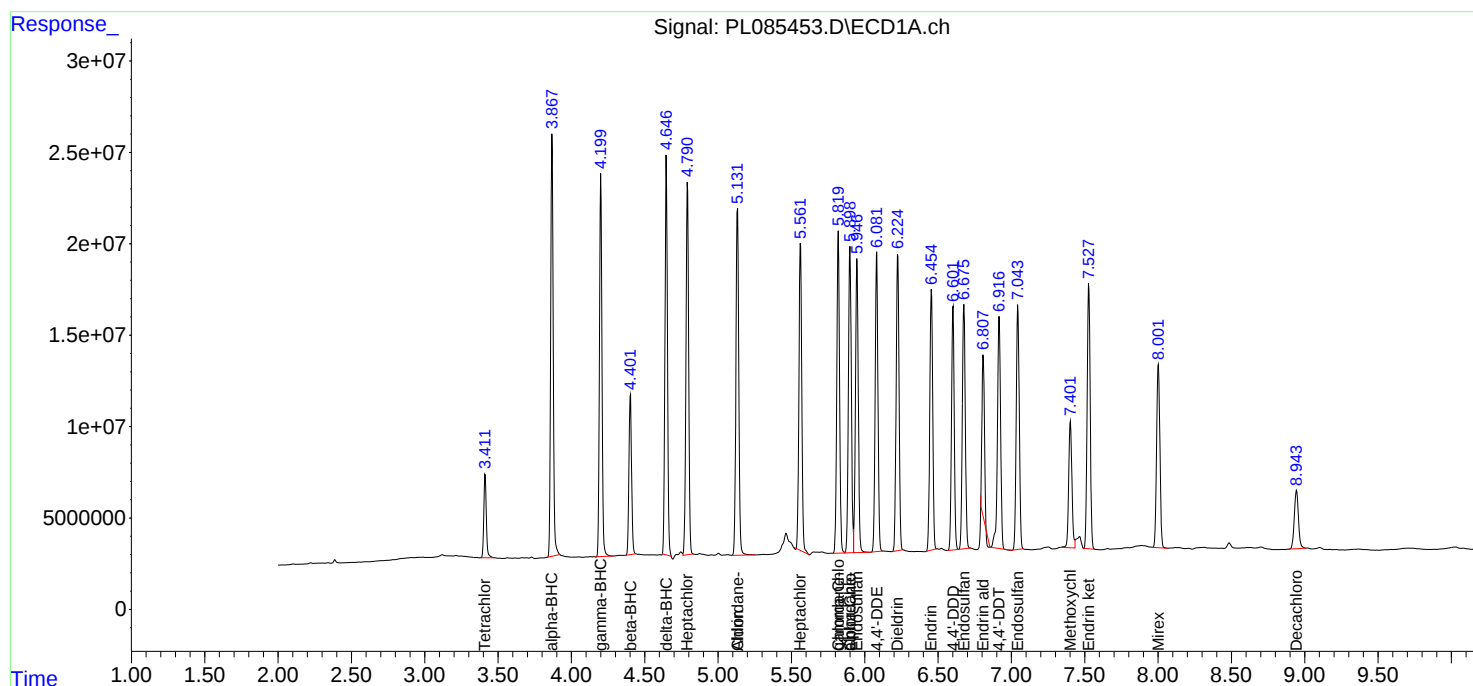
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

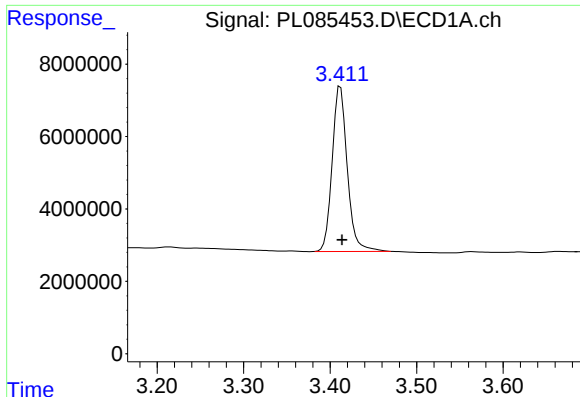
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092023\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

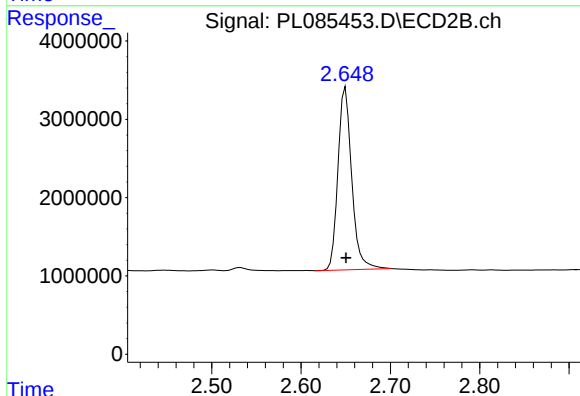




#1 Tetrachloro-m-xylene

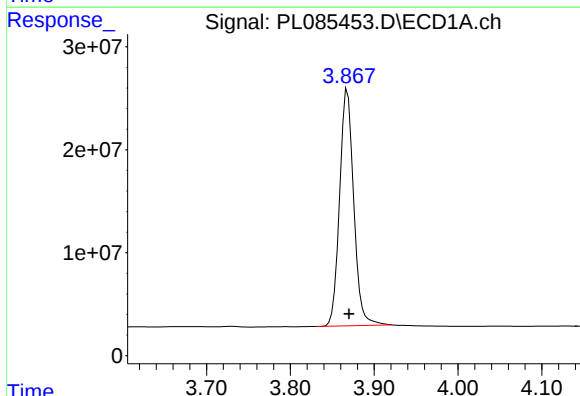
R.T.: 3.412 min
Delta R.T.: -0.002 min
Response: 55316705
Conc: 16.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



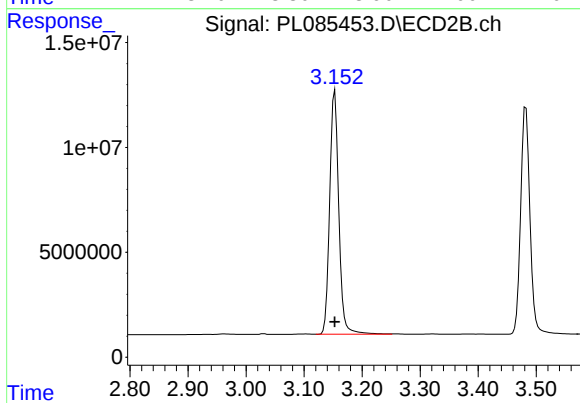
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: 0.000 min
Response: 24997905
Conc: 16.43 ng/ml



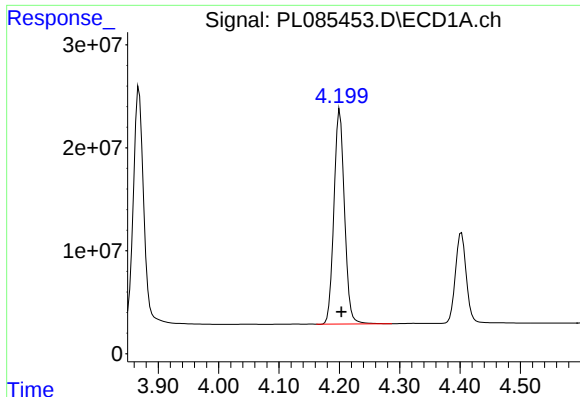
#2 alpha-BHC

R.T.: 3.868 min
Delta R.T.: -0.002 min
Response: 269150475
Conc: 54.61 ng/ml



#2 alpha-BHC

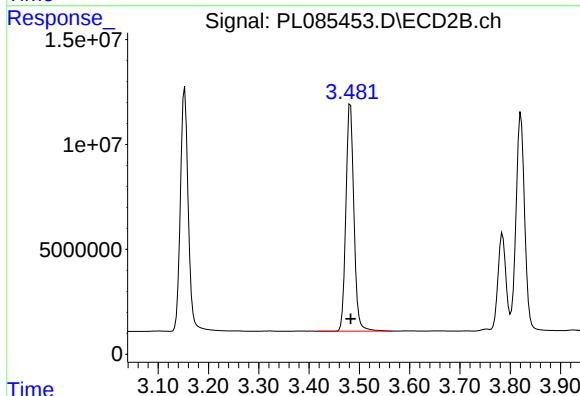
R.T.: 3.153 min
Delta R.T.: 0.000 min
Response: 126279400
Conc: 54.20 ng/ml



#3 gamma-BHC (Lindane)

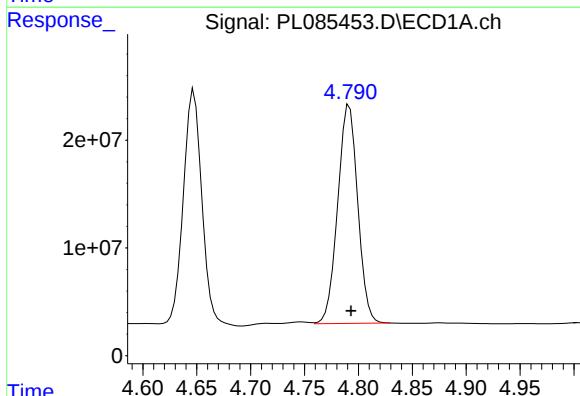
R.T.: 4.201 min
Delta R.T.: -0.002 min
Response: 253337769
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



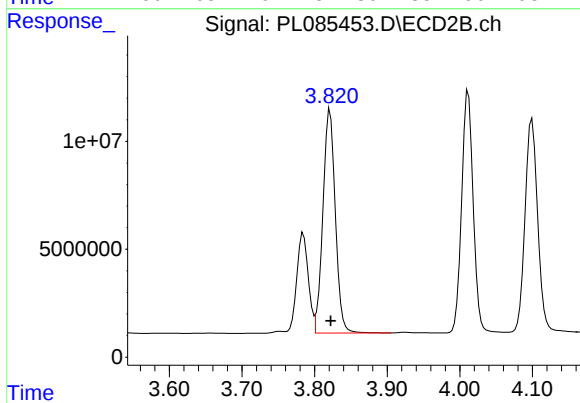
#3 gamma-BHC (Lindane)

R.T.: 3.482 min
Delta R.T.: 0.000 min
Response: 120000627
Conc: 52.09 ng/ml



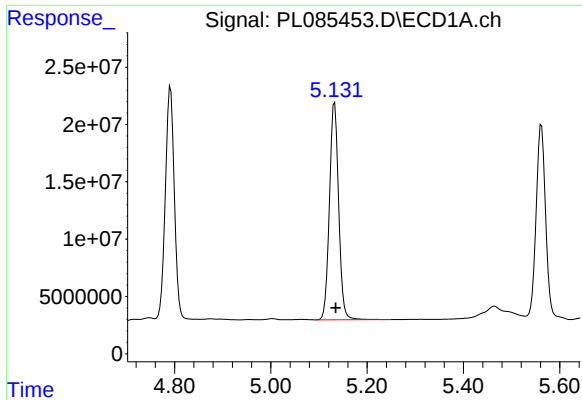
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: -0.002 min
Response: 262737274
Conc: 57.00 ng/ml



#4 Heptachlor

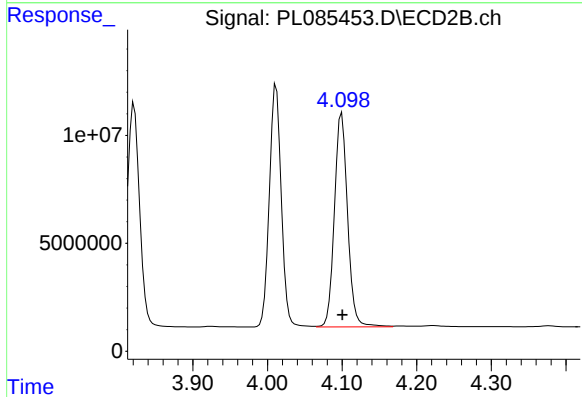
R.T.: 3.821 min
Delta R.T.: 0.000 min
Response: 123268119
Conc: 57.32 ng/ml



#5 Aldrin

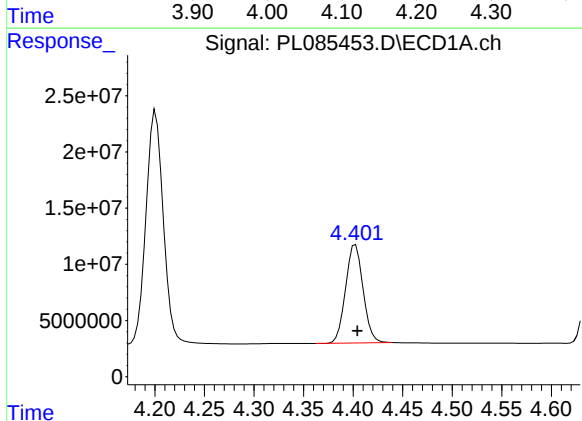
R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 252094628
Conc: 52.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



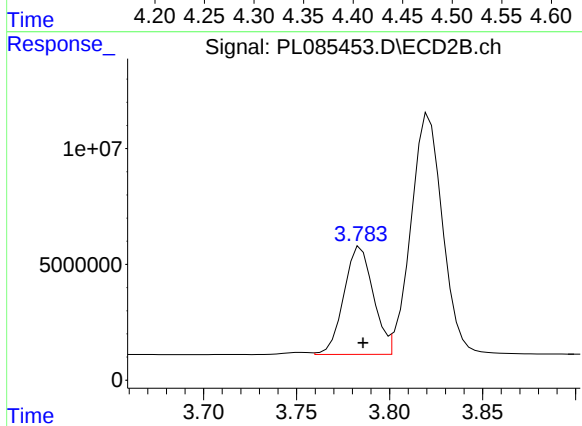
#5 Aldrin

R.T.: 4.100 min
Delta R.T.: -0.001 min
Response: 121691118
Conc: 52.02 ng/ml



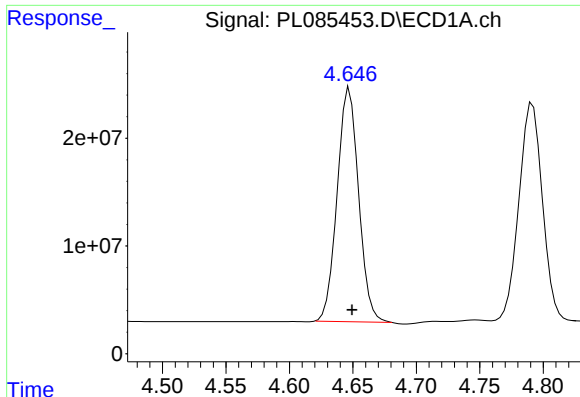
#6 beta-BHC

R.T.: 4.402 min
Delta R.T.: -0.002 min
Response: 107807273
Conc: 51.77 ng/ml



#6 beta-BHC

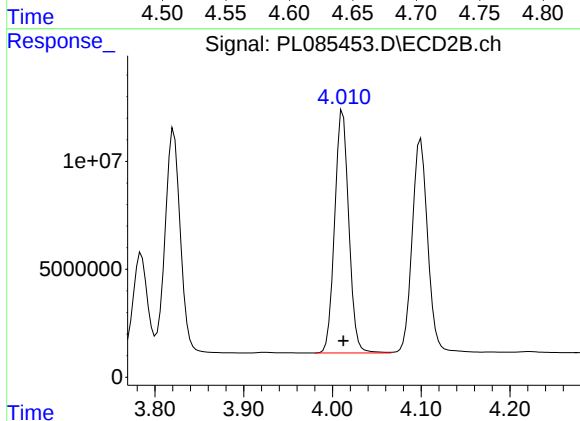
R.T.: 3.785 min
Delta R.T.: -0.001 min
Response: 51200665
Conc: 53.28 ng/ml



#7 delta-BHC

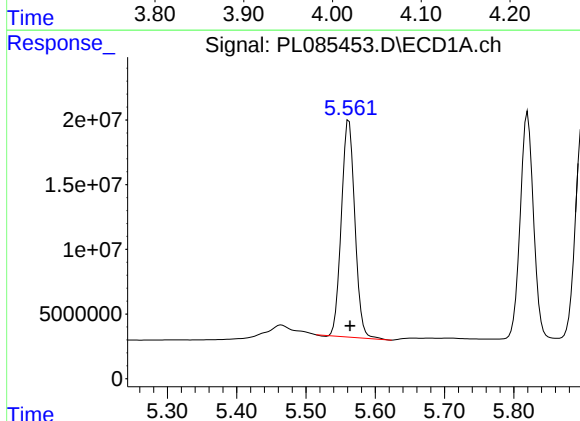
R.T.: 4.647 min
Delta R.T.: -0.002 min
Response: 255393823
Conc: 53.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



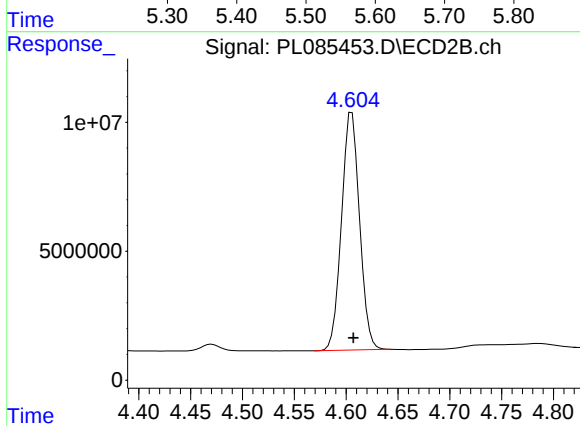
#7 delta-BHC

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 124459607
Conc: 53.90 ng/ml



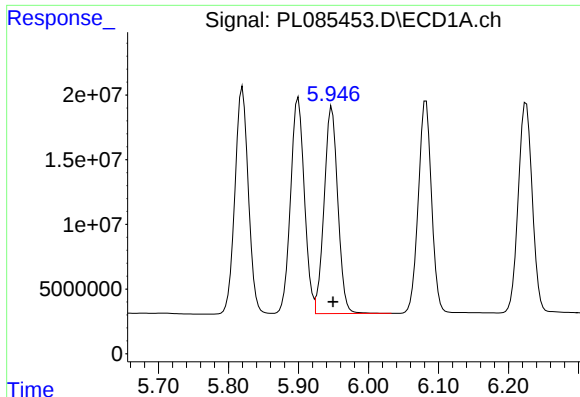
#8 Heptachlor epoxide

R.T.: 5.562 min
Delta R.T.: -0.002 min
Response: 226976303
Conc: 52.90 ng/ml



#8 Heptachlor epoxide

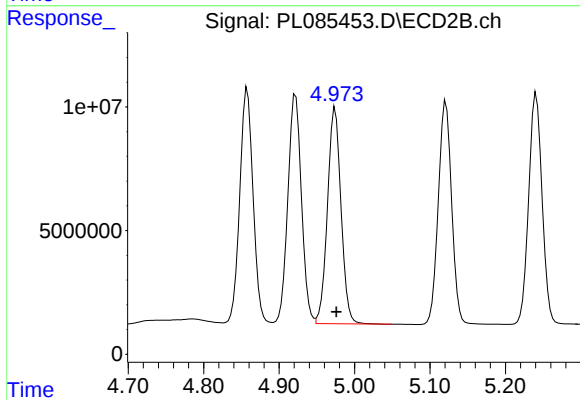
R.T.: 4.605 min
Delta R.T.: -0.002 min
Response: 111694923
Conc: 54.02 ng/ml



#9 Endosulfan I

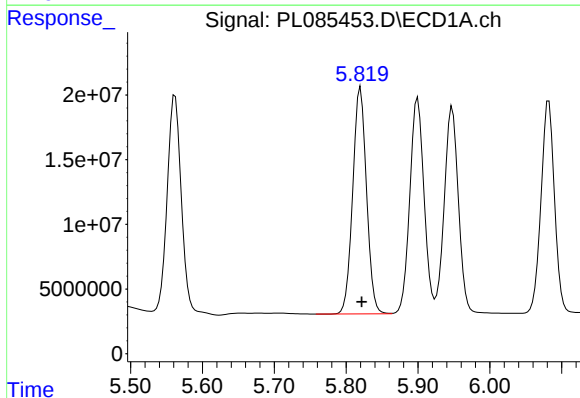
R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 217954986
Conc: 52.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



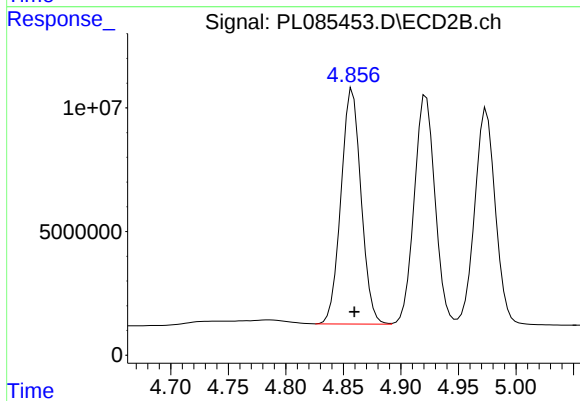
#9 Endosulfan I

R.T.: 4.974 min
Delta R.T.: -0.002 min
Response: 109135224
Conc: 53.40 ng/ml



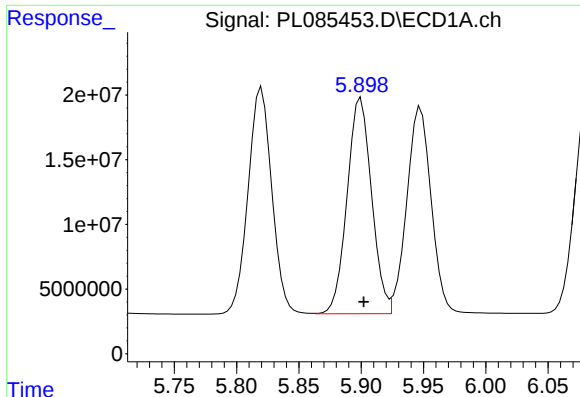
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: -0.002 min
Response: 233102641
Conc: 53.15 ng/ml



#10 gamma-Chlordane

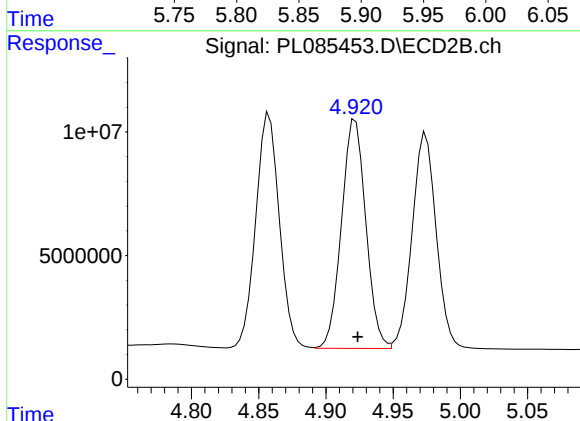
R.T.: 4.858 min
Delta R.T.: -0.002 min
Response: 116013019
Conc: 54.70 ng/ml



#11 alpha-Chlordane

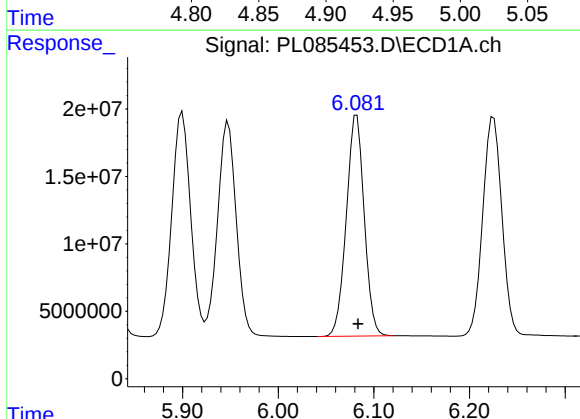
R.T.: 5.900 min
Delta R.T.: -0.002 min
Response: 228952538
Conc: 52.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



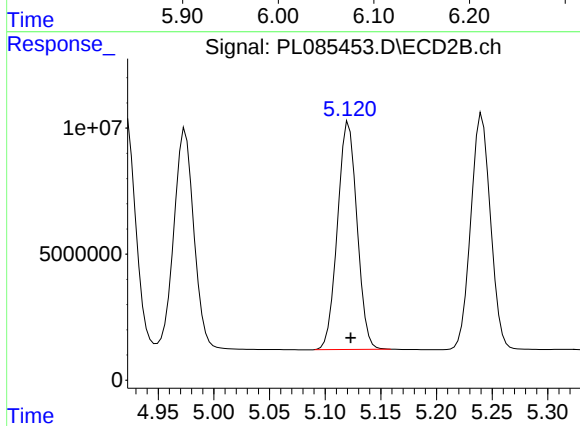
#11 alpha-Chlordane

R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 116259031
Conc: 53.41 ng/ml



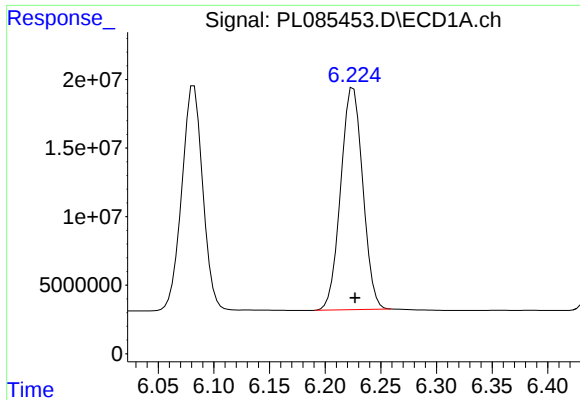
#12 4,4'-DDE

R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 214284035
Conc: 53.71 ng/ml



#12 4,4'-DDE

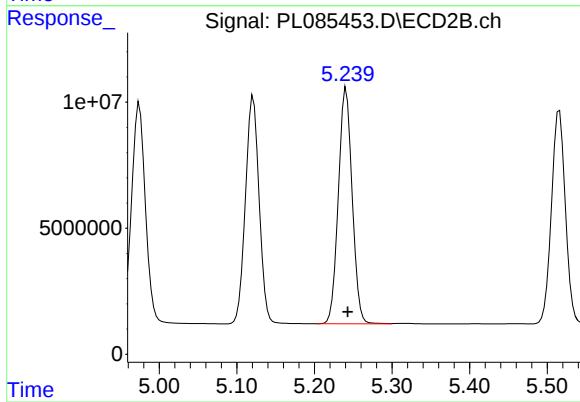
R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 110393280
Conc: 54.54 ng/ml



#13 Dieldrin

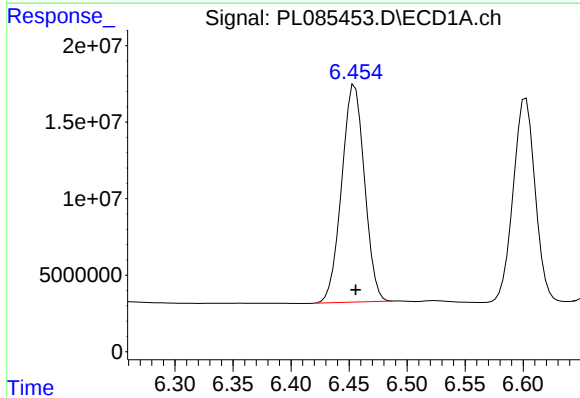
R.T.: 6.225 min
Delta R.T.: -0.001 min
Response: 224075239
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



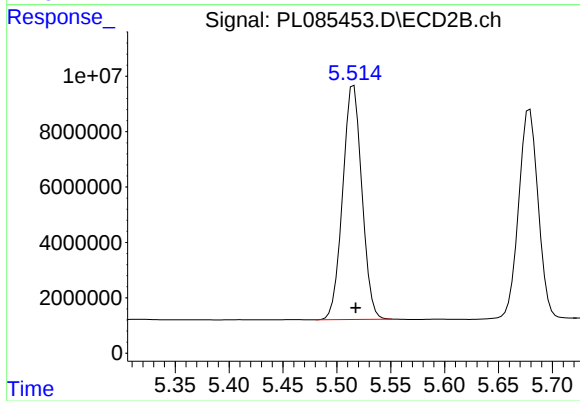
#13 Dieldrin

R.T.: 5.241 min
Delta R.T.: -0.002 min
Response: 115801199
Conc: 52.95 ng/ml



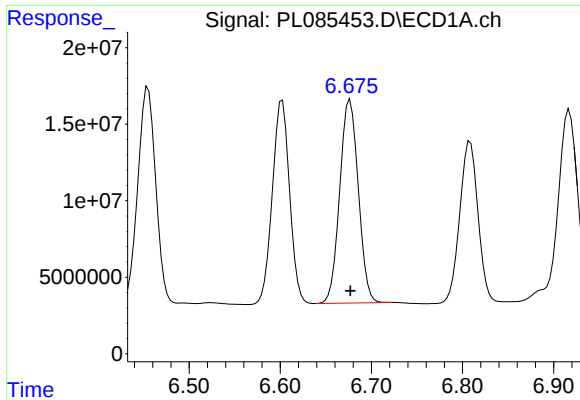
#14 Endrin

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 194241365
Conc: 54.14 ng/ml



#14 Endrin

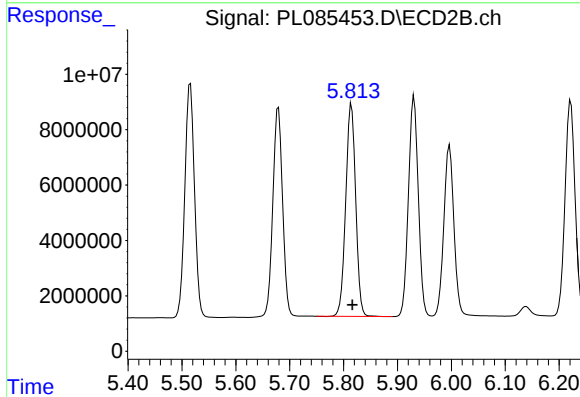
R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 105009689
Conc: 56.06 ng/ml



#15 Endosulfan II

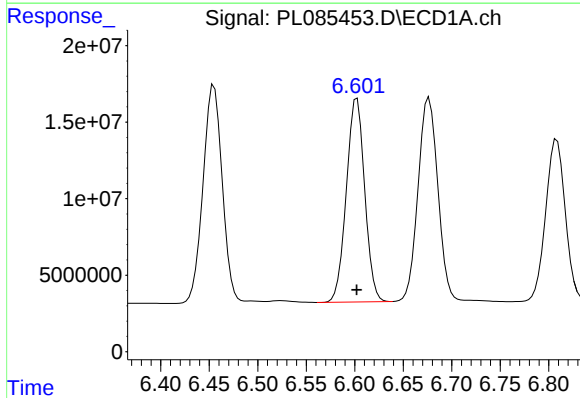
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 188204416
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



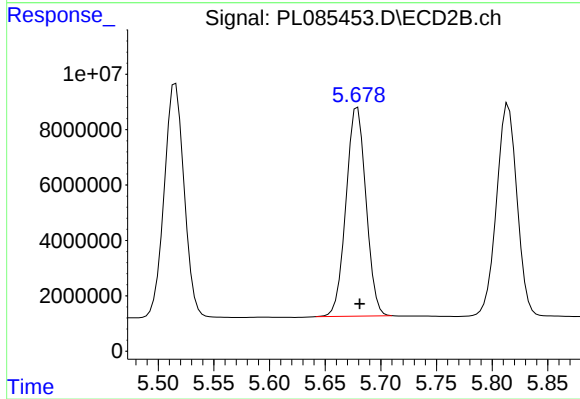
#15 Endosulfan II

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 98764815
Conc: 50.37 ng/ml



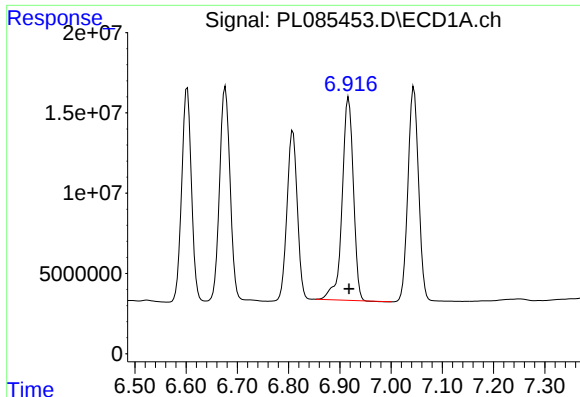
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 175062265
Conc: 53.73 ng/ml



#16 4,4'-DDD

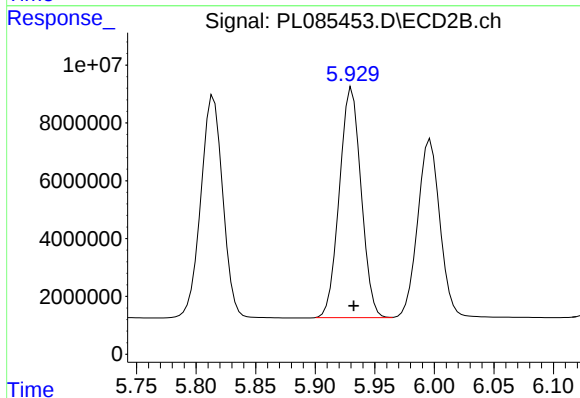
R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 94305661
Conc: 54.83 ng/ml



#17 4,4'-DDT

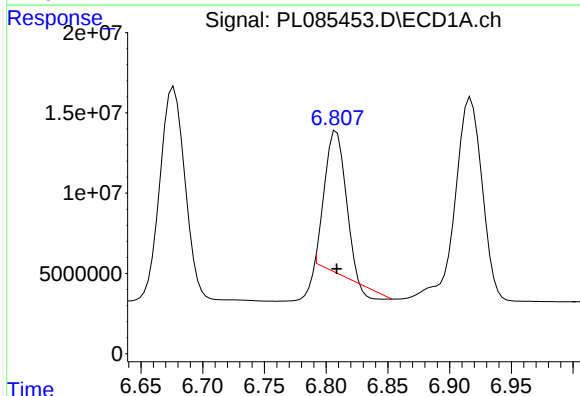
R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 189750412
Conc: 52.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



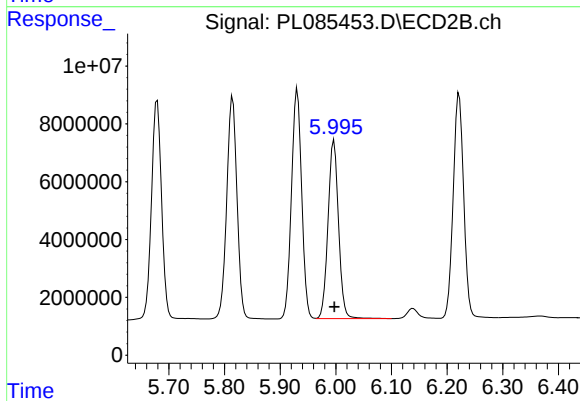
#17 4,4'-DDT

R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 100973892
Conc: 55.42 ng/ml



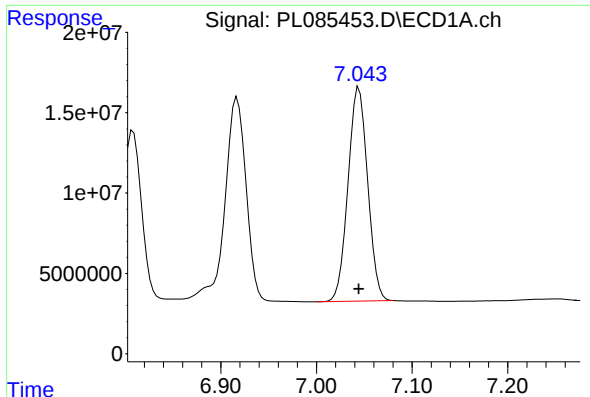
#18 Endrin aldehyde

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 98678391
Conc: 33.88 ng/ml



#18 Endrin aldehyde

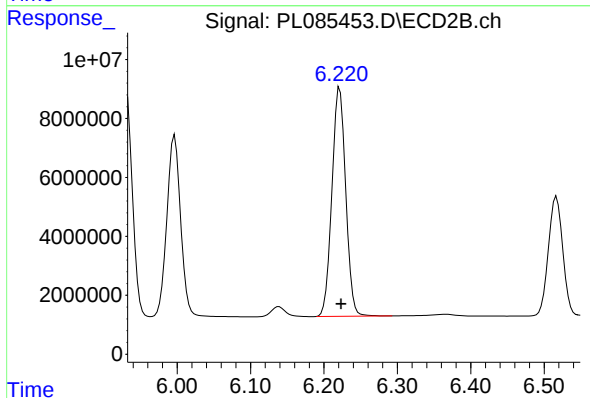
R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 80812682
Conc: 51.01 ng/ml



#19 Endosulfan Sulfate

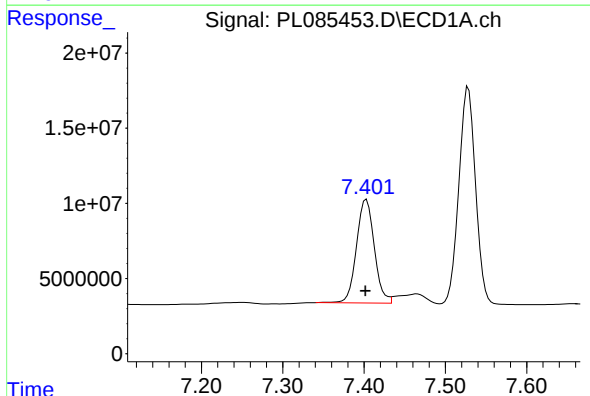
R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 190587981
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



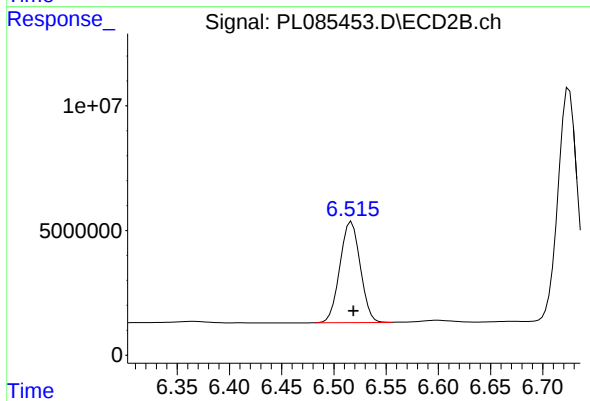
#19 Endosulfan Sulfate

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 101591567
Conc: 54.02 ng/ml



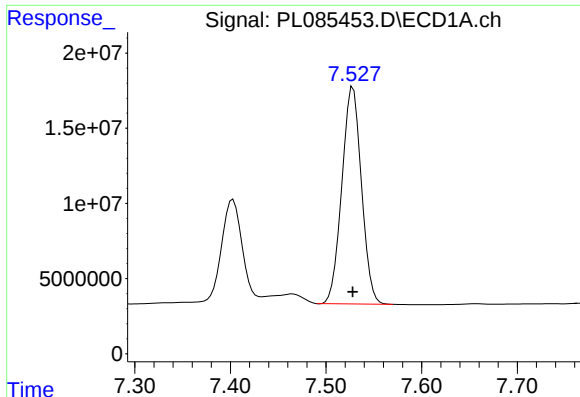
#20 Methoxychlor

R.T.: 7.403 min
Delta R.T.: 0.001 min
Response: 104994319
Conc: 47.91 ng/ml



#20 Methoxychlor

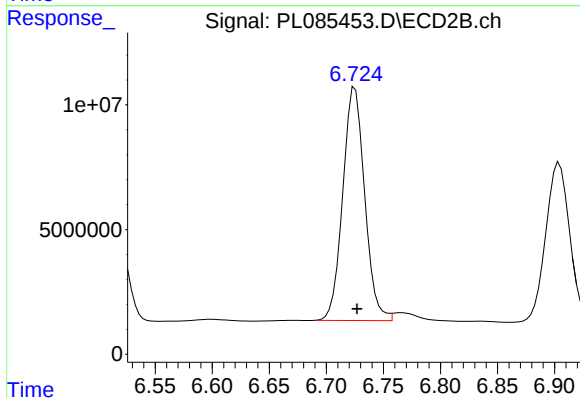
R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 54927142
Conc: 51.78 ng/ml



#21 Endrin ketone

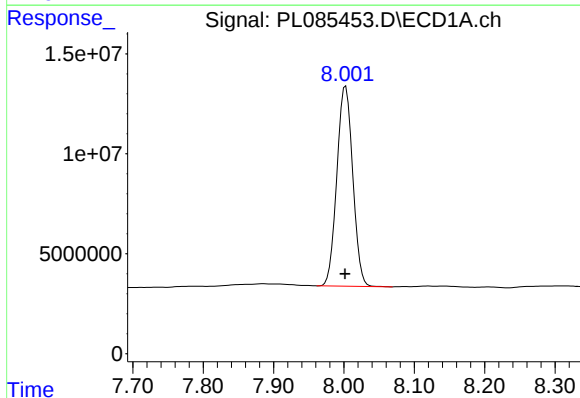
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 205869462
Conc: 50.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



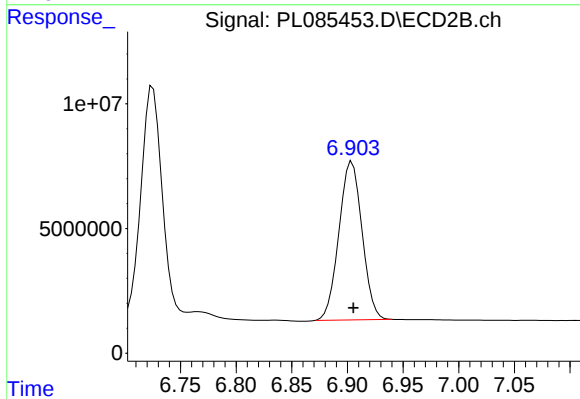
#21 Endrin ketone

R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 125121297
Conc: 50.11 ng/ml



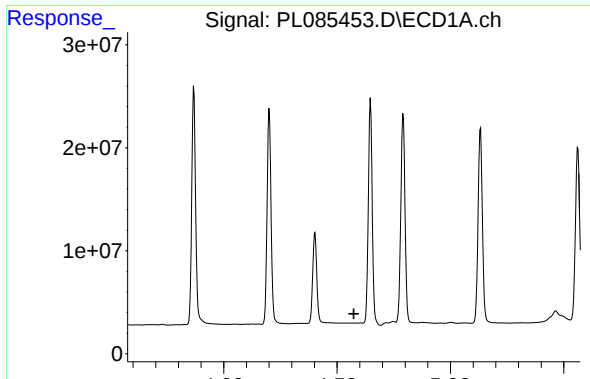
#22 Mirex

R.T.: 8.002 min
Delta R.T.: 0.001 min
Response: 157384091
Conc: 49.51 ng/ml



#22 Mirex

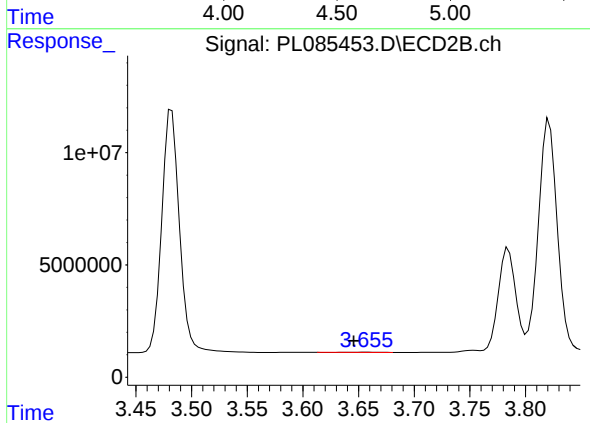
R.T.: 6.904 min
Delta R.T.: -0.001 min
Response: 91973385
Conc: 50.59 ng/ml



#23 Chlordane-1

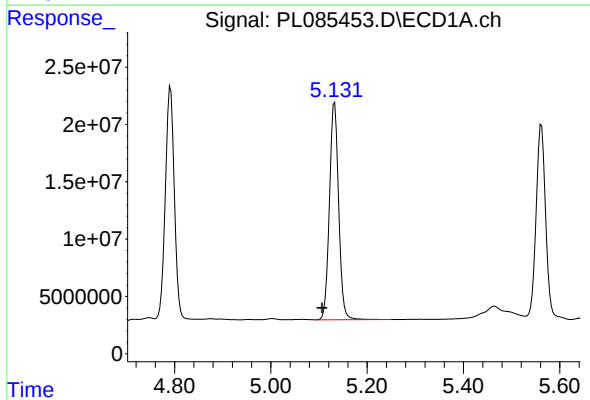
R.T.: 0.000 min
Exp R.T.: 4.573 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



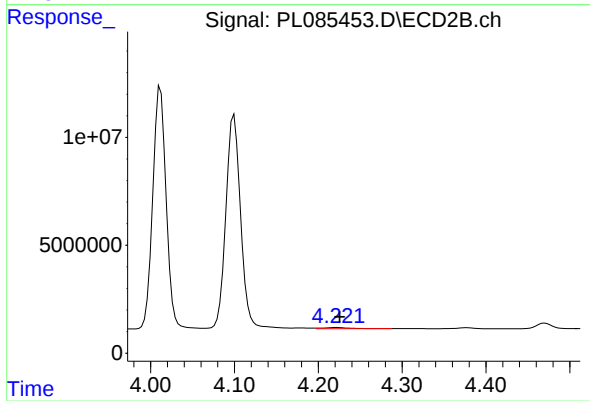
#23 Chlordane-1

R.T.: 3.656 min
Delta R.T.: 0.010 min
Response: 106419
Conc: 1.91 ng/ml



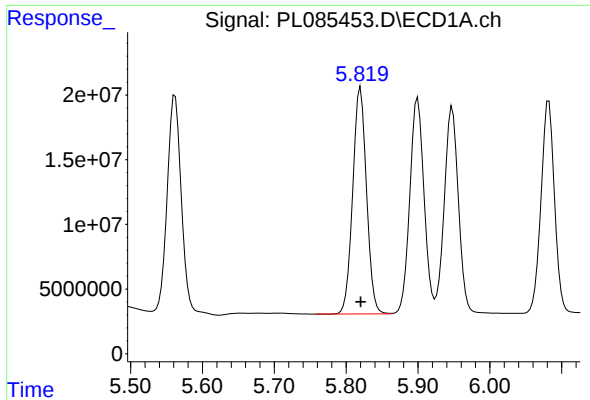
#24 Chlordane-2

R.T.: 5.132 min
Delta R.T.: 0.026 min
Response: 252094628
Conc: 1520.72 ng/ml



#24 Chlordane-2

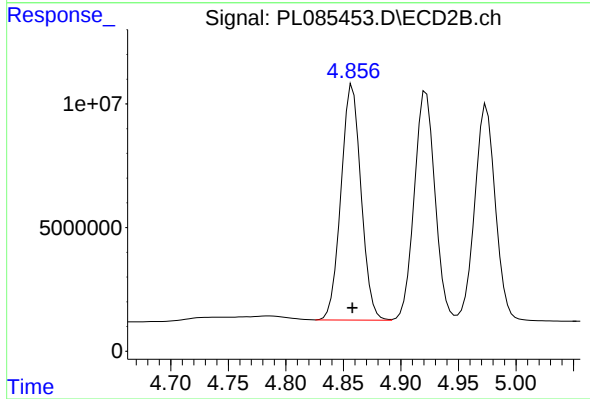
R.T.: 4.222 min
Delta R.T.: -0.004 min
Response: 1057394
Conc: 13.73 ng/ml



#25 Chlordane-3

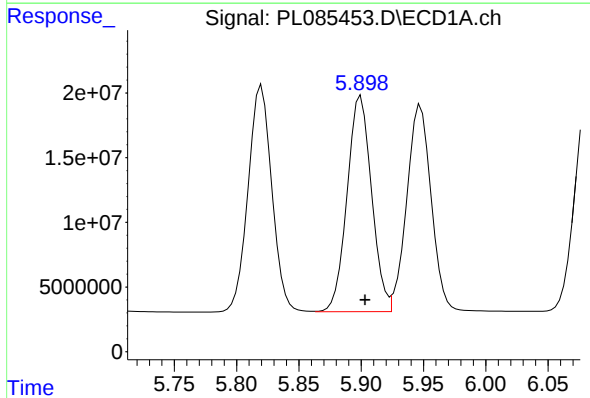
R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 233102641
Conc: 367.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



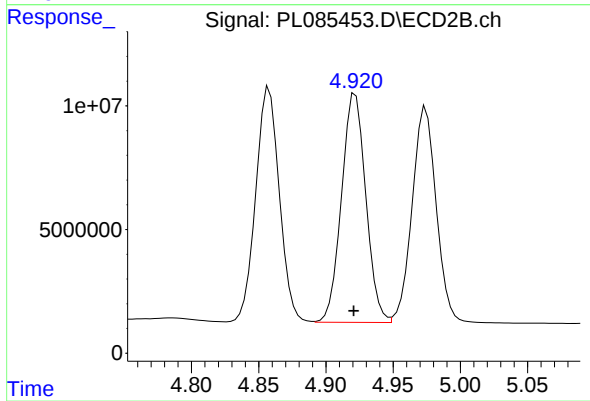
#25 Chlordane-3

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 116013019
Conc: 560.91 ng/ml



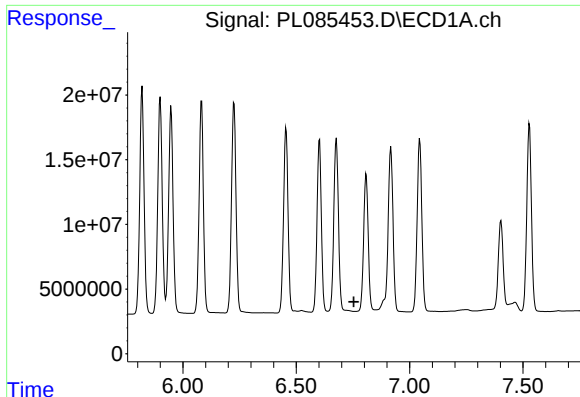
#26 Chlordane-4

R.T.: 5.900 min
Delta R.T.: -0.003 min
Response: 228952538
Conc: 292.92 ng/ml



#26 Chlordane-4

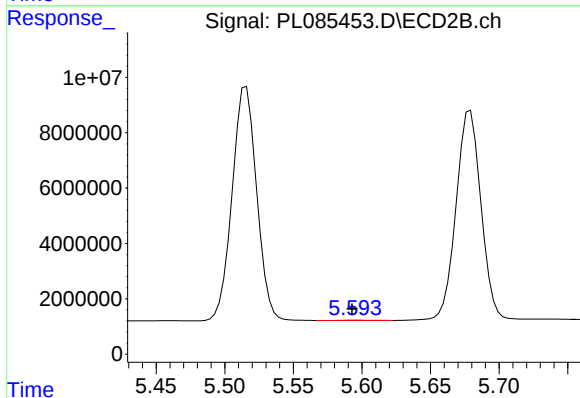
R.T.: 4.922 min
Delta R.T.: 0.001 min
Response: 116259031
Conc: 514.46 ng/ml



#27 Chlordane-5

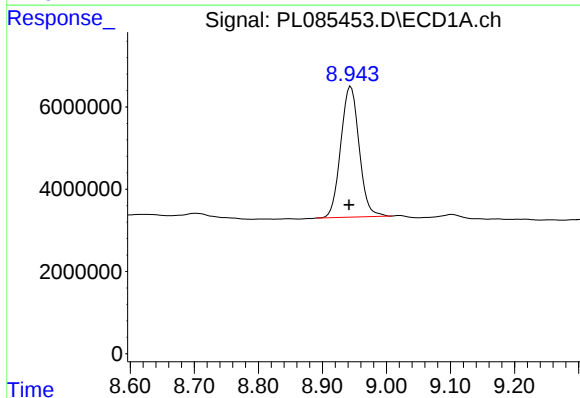
R.T.: 0.000 min
Exp R.T.: 6.754 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



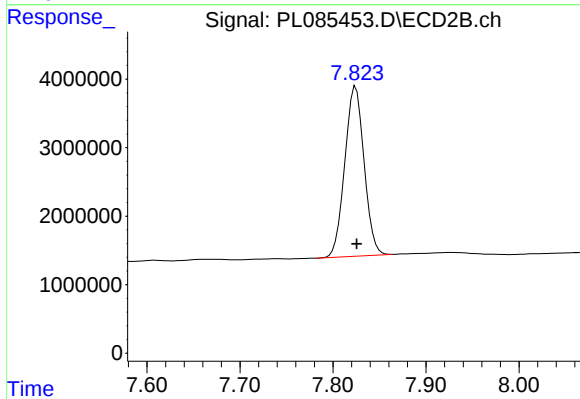
#27 Chlordane-5

R.T.: 5.595 min
Delta R.T.: 0.002 min
Response: 81799
Conc: 1.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.944 min
Delta R.T.: 0.003 min
Response: 63345435
Conc: 18.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 35696535
Conc: 18.23 ng/ml