

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062523\
 Data File : PL083676.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2023 21:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 10:46:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 26 10:45:09 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...	3.430	2.692	48601510	56736897	19.561	19.540
2)	SA Decachlor...	8.971	7.881	35022286	46661696	20.506	18.872
Target Compounds							
2)	A alpha-BHC	3.886	3.197	35051454	37519225	9.335	8.954
3)	MA gamma-BHC...	4.220	3.528	33706159	35342765	9.675	8.843
5)	MB Aldrin	0.000	4.162	0	101888	N.D.	0.028 #
6)	B beta-BHC	4.420	3.829	15548389	17491908	10.355	10.410
7)	B delta-BHC	0.000	4.058	0	66886	N.D.	0.018 #
8)	B Heptachlo...	5.587	4.659	568005	240980	0.168	0.072 #
9)	A Endosulfan I	5.996f	5.040	520917	169273	0.169	0.055 #
10)	B gamma-Chl...	5.843	4.938f	406212	512744	0.121	0.151
11)	B alpha-Chl...	5.933	4.971	71150	128654	0.022	0.038 #
12)	B 4,4'-DDE	6.091	5.178	384687	185698	0.134	0.066 #
14)	MA Endrin	6.477	5.572	118.9E6	127.4E6	45.060	47.894
15)	B Endosulfa...	6.688	0.000	438964	0	0.184	N.D. #
16)	A 4,4'-DDD	6.623	5.734	1476277	1001158	0.682	0.462 #
17)	MA 4,4'-DDT	6.938	5.986	230.2E6	262.2E6	98.017	105.715
18)	B Endrin al...	6.830	6.052	2611133	6744753	1.411	3.298 #
19)	B Endosulfa...	0.000	6.276	0	135619	N.D.	0.052 #
20)	A Methoxychlor	7.421	6.571	290.8E6	314.5E6	251.401	248.359
21)	B Endrin ke...	7.549	6.782	4031328	6101541	1.735	2.105
22)	Mirex	0.000	6.960	0	219346	N.D.	0.087 #
25)	Chlordane-3	5.843	4.938f	406212	512744	0.839	1.521 #
26)	Chlordane-4	5.933	4.971	71150	128654	0.123	0.365 #

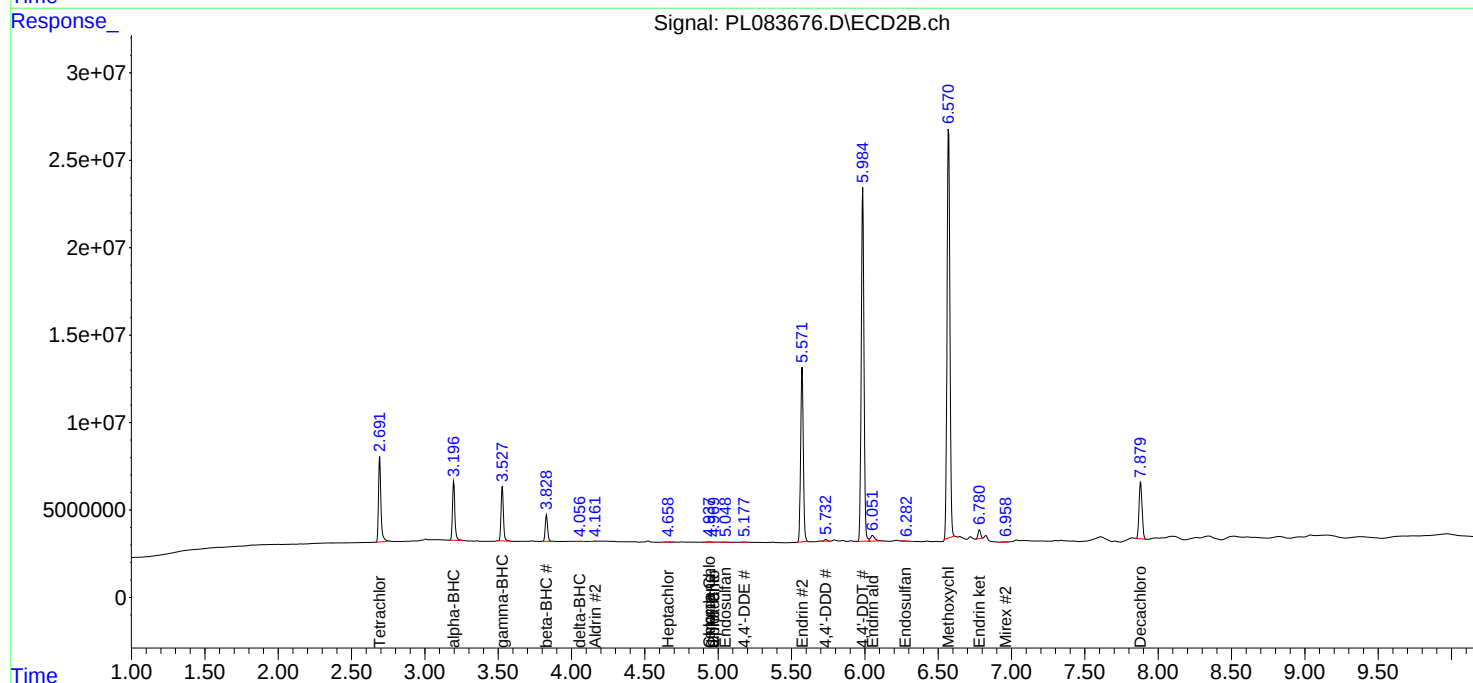
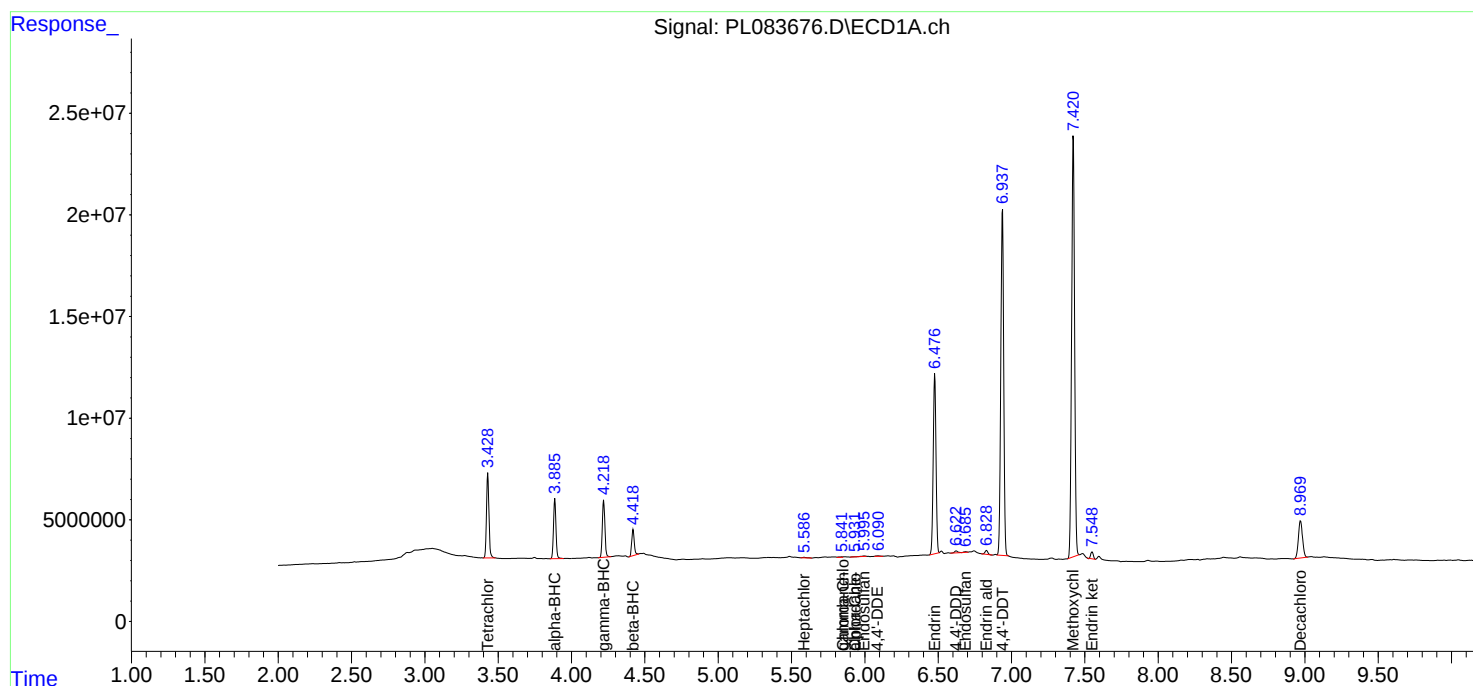
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

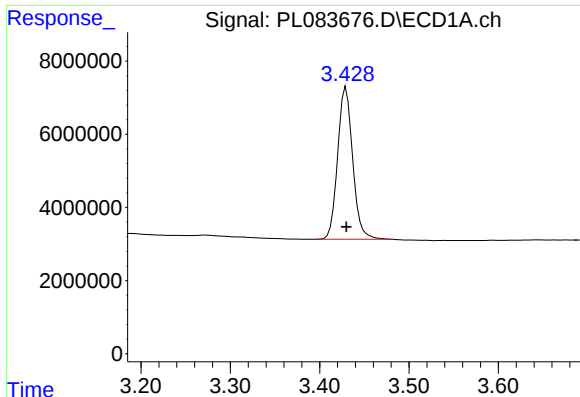
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062523\
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Integration File signal 1: autoint1.e
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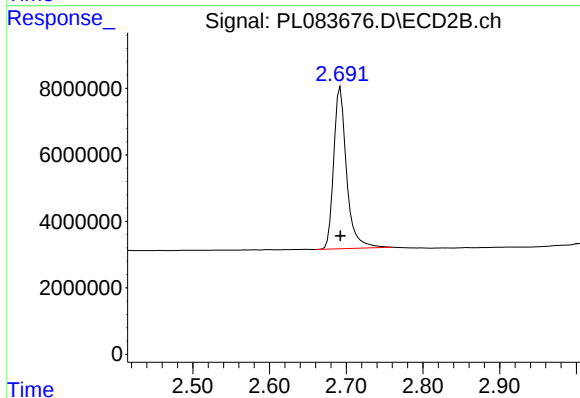




#1 Tetrachloro-m-xylene

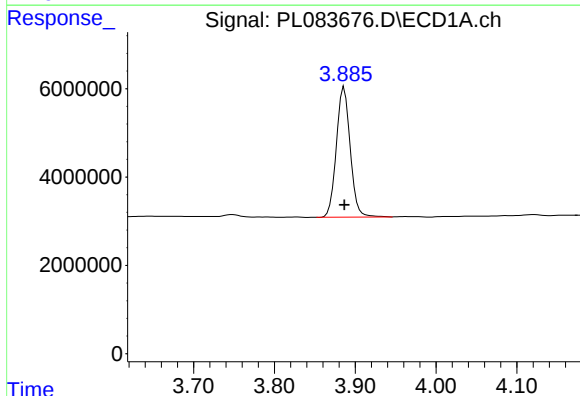
R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 48601510
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



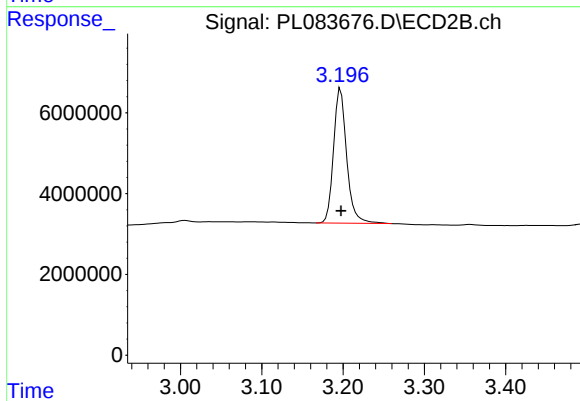
#1 Tetrachloro-m-xylene

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 56736897
Conc: 19.54 ng/ml



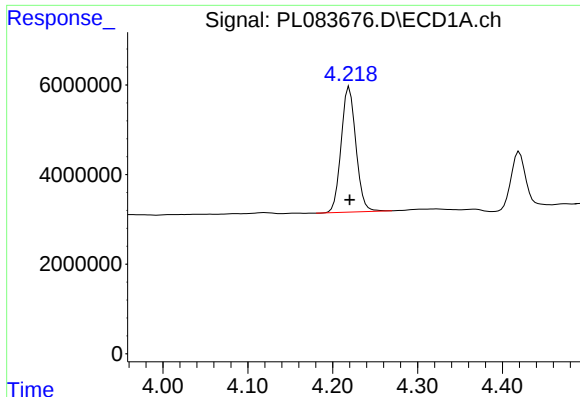
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: 0.000 min
Response: 35051454
Conc: 9.33 ng/ml



#2 alpha-BHC

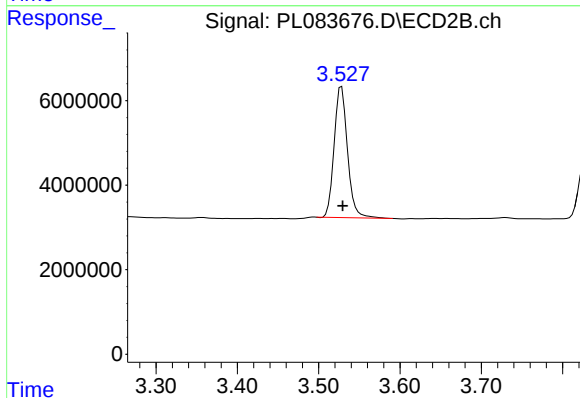
R.T.: 3.197 min
Delta R.T.: 0.000 min
Response: 37519225
Conc: 8.95 ng/ml



#3 gamma-BHC (Lindane)

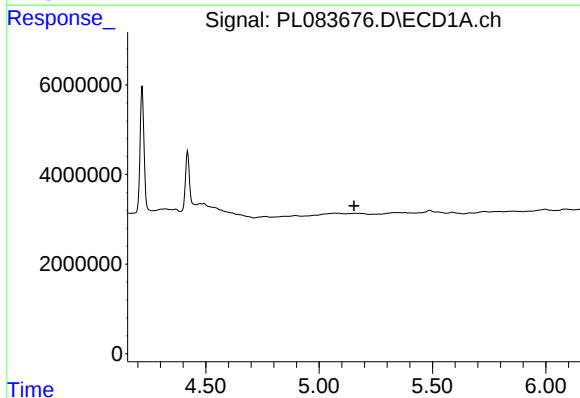
R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 33706159
Conc: 9.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



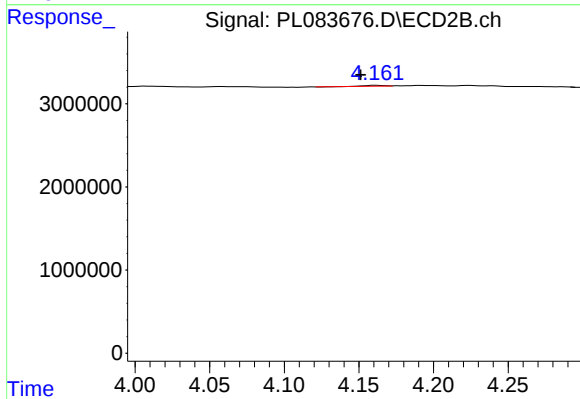
#3 gamma-BHC (Lindane)

R.T.: 3.528 min
Delta R.T.: -0.002 min
Response: 35342765
Conc: 8.84 ng/ml



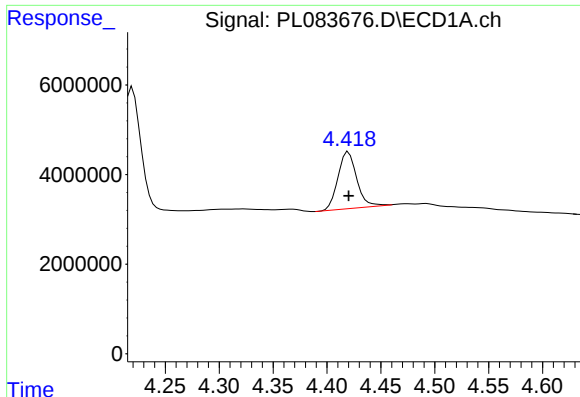
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.155 min
Response: 0
Conc: N.D.



#5 Aldrin

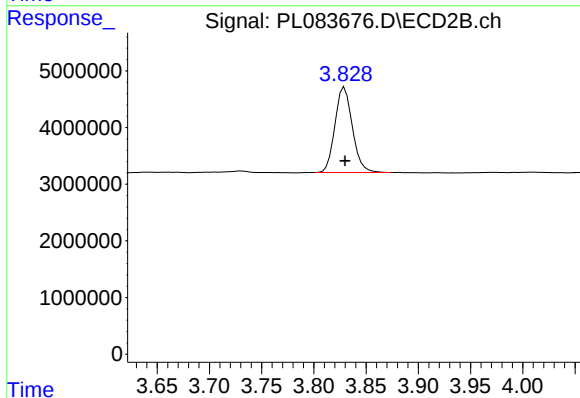
R.T.: 4.162 min
Delta R.T.: 0.011 min
Response: 101888
Conc: 0.03 ng/ml



#6 beta-BHC

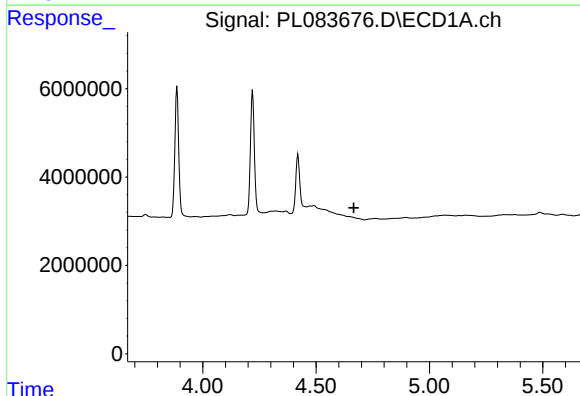
R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 15548389
Conc: 10.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



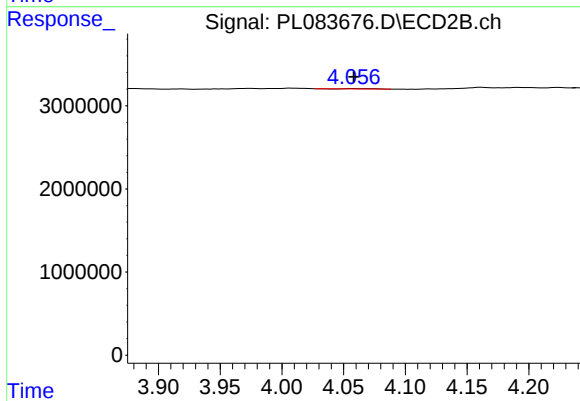
#6 beta-BHC

R.T.: 3.829 min
Delta R.T.: 0.000 min
Response: 17491908
Conc: 10.41 ng/ml



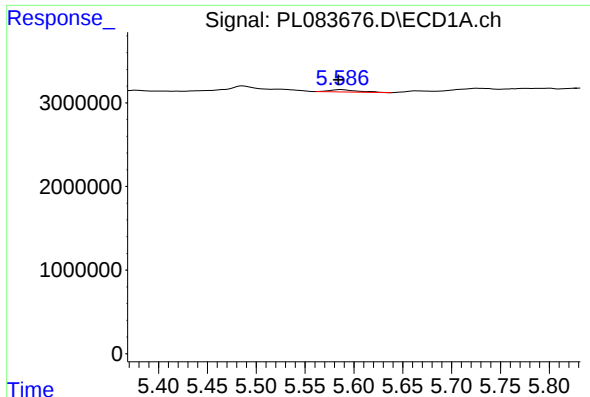
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.666 min
Response: 0
Conc: N.D.



#7 delta-BHC

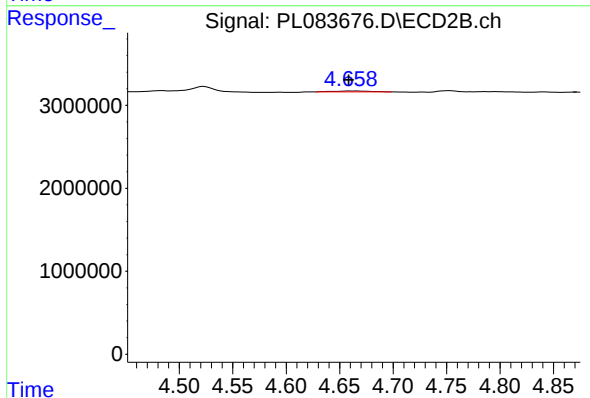
R.T.: 4.058 min
Delta R.T.: 0.000 min
Response: 66886
Conc: 0.02 ng/ml



#8 Heptachlor epoxide

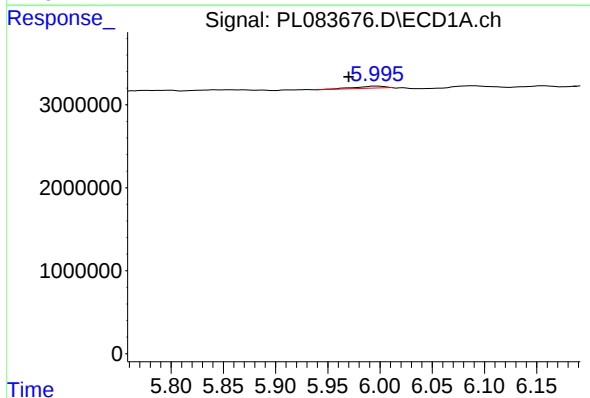
R.T.: 5.587 min
Delta R.T.: 0.003 min
Response: 568005
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



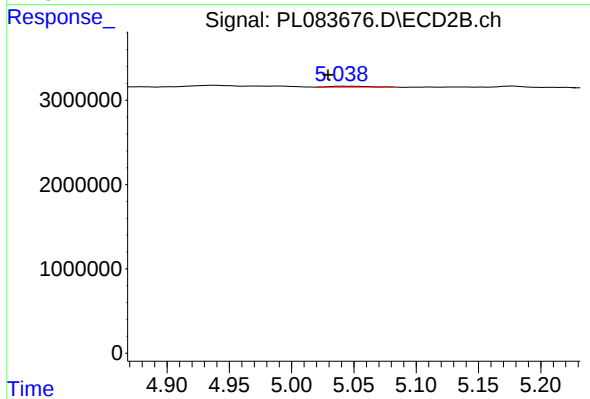
#8 Heptachlor epoxide

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 240980
Conc: 0.07 ng/ml



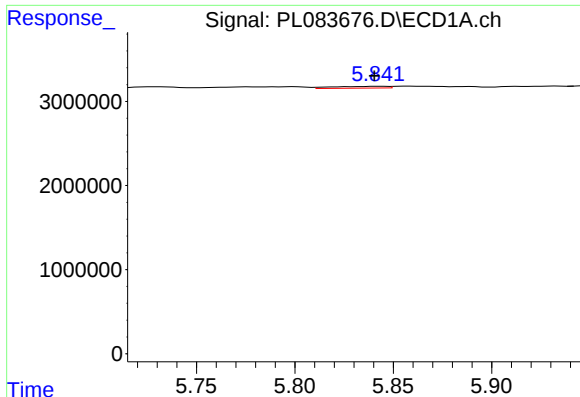
#9 Endosulfan I

R.T.: 5.996 min
Delta R.T.: 0.026 min
Response: 520917
Conc: 0.17 ng/ml



#9 Endosulfan I

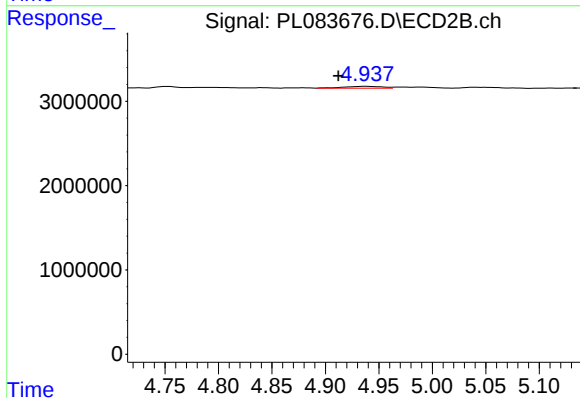
R.T.: 5.040 min
Delta R.T.: 0.011 min
Response: 169273
Conc: 0.05 ng/ml



#10 gamma-Chlordane

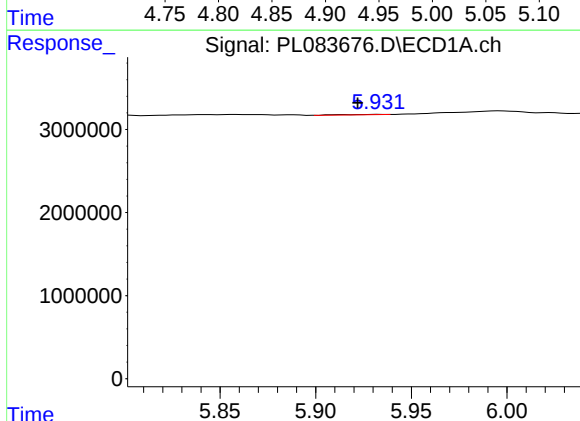
R.T.: 5.843 min
Delta R.T.: 0.002 min
Response: 406212
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



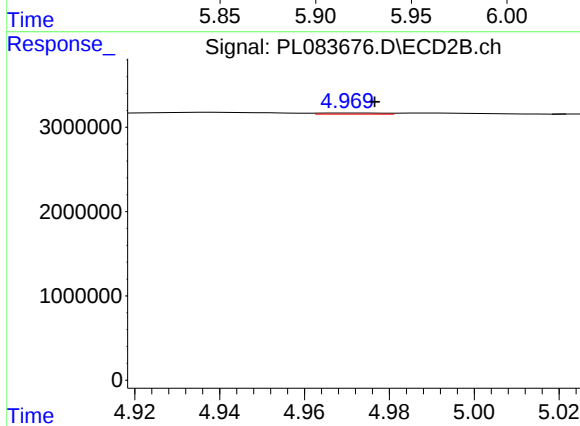
#10 gamma-Chlordane

R.T.: 4.938 min
Delta R.T.: 0.026 min
Response: 512744
Conc: 0.15 ng/ml



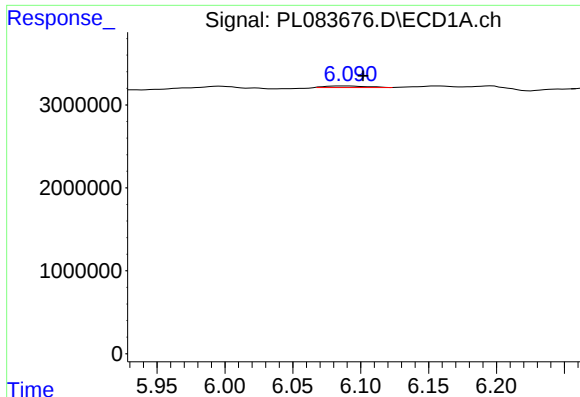
#11 alpha-Chlordane

R.T.: 5.933 min
Delta R.T.: 0.011 min
Response: 71150
Conc: 0.02 ng/ml



#11 alpha-Chlordane

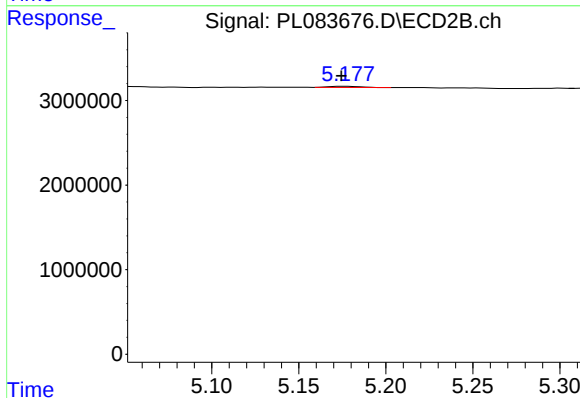
R.T.: 4.971 min
Delta R.T.: -0.006 min
Response: 128654
Conc: 0.04 ng/ml



#12 4,4'-DDE

R.T.: 6.091 min
Delta R.T.: -0.010 min
Response: 384687
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#12 4,4'-DDE

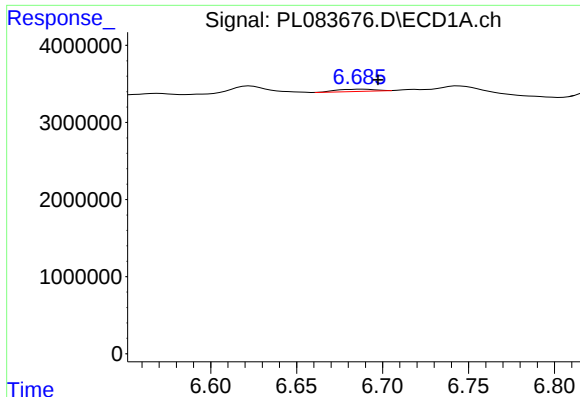
R.T.: 5.178 min
Delta R.T.: 0.003 min
Response: 185698
Conc: 0.07 ng/ml

#14 Endrin

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 118890984
Conc: 45.06 ng/ml

#14 Endrin

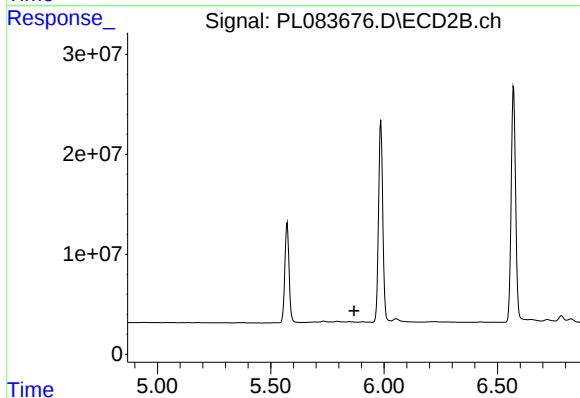
R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 127447982
Conc: 47.89 ng/ml



#15 Endosulfan II

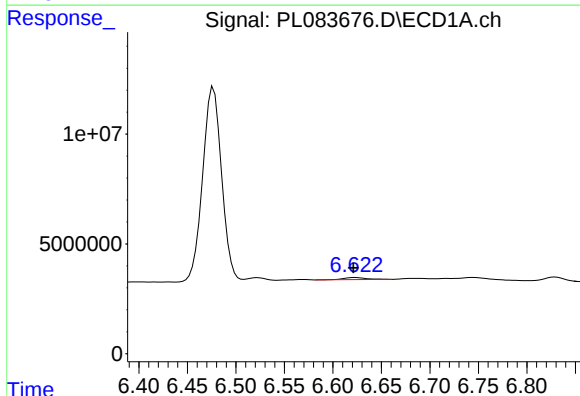
R.T.: 6.688 min
Delta R.T.: -0.009 min
Response: 438964
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



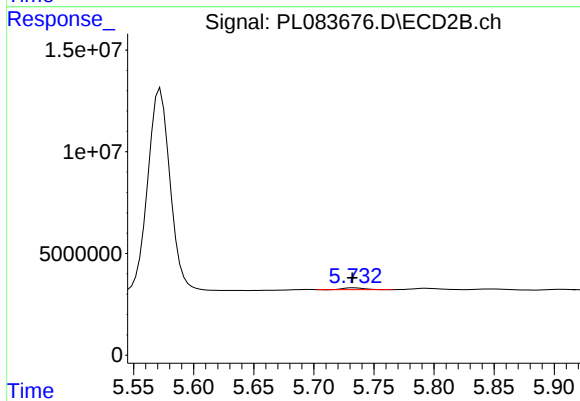
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 5.868 min
Response: 0
Conc: N.D.



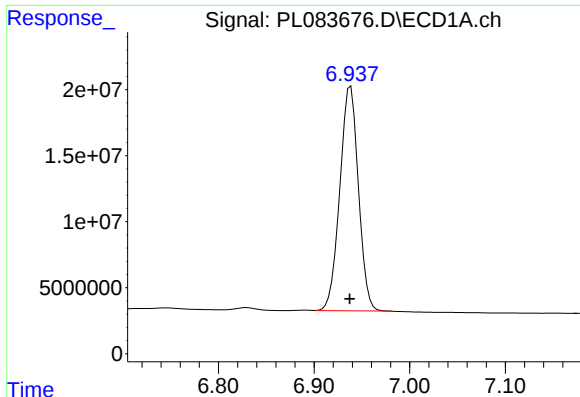
#16 4,4'-DDD

R.T.: 6.623 min
Delta R.T.: 0.002 min
Response: 1476277
Conc: 0.68 ng/ml



#16 4,4'-DDD

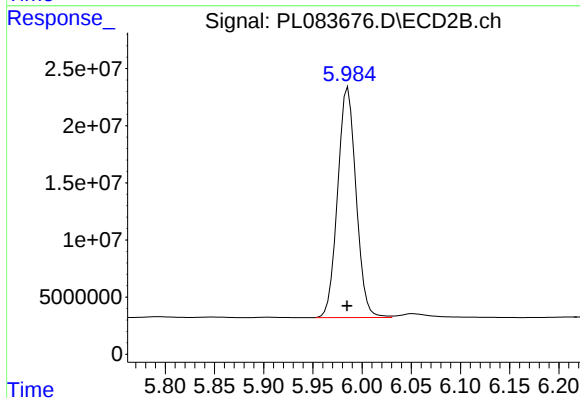
R.T.: 5.734 min
Delta R.T.: 0.002 min
Response: 1001158
Conc: 0.46 ng/ml



#17 4,4'-DDT

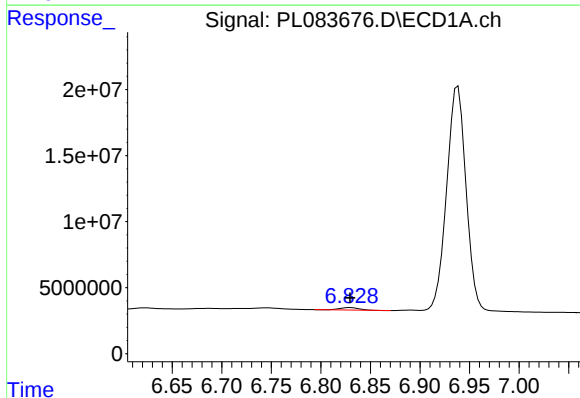
R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 230214855
Conc: 98.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



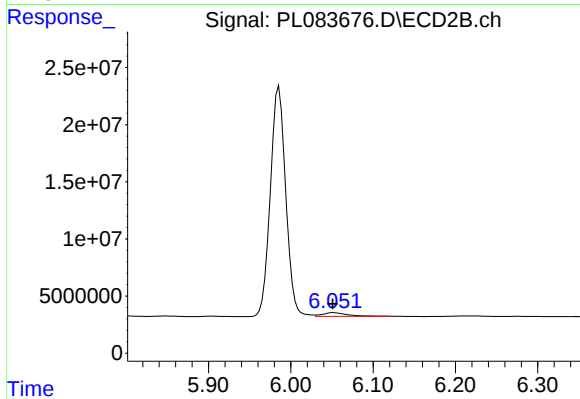
#17 4,4'-DDT

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 262205432
Conc: 105.72 ng/ml



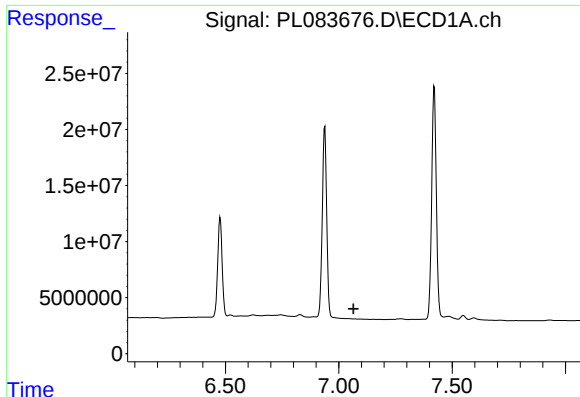
#18 Endrin aldehyde

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 2611133
Conc: 1.41 ng/ml



#18 Endrin aldehyde

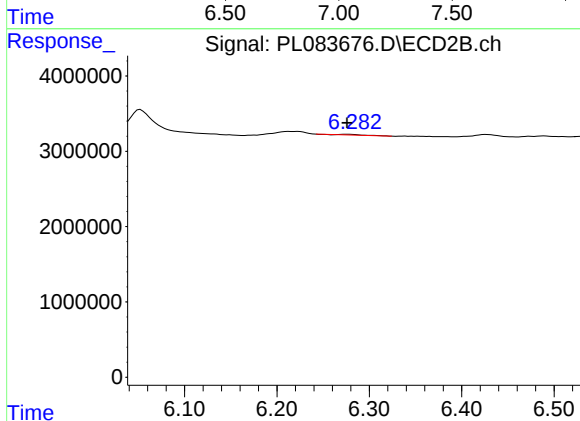
R.T.: 6.052 min
Delta R.T.: 0.001 min
Response: 6744753
Conc: 3.30 ng/ml



#19 Endosulfan Sulfate

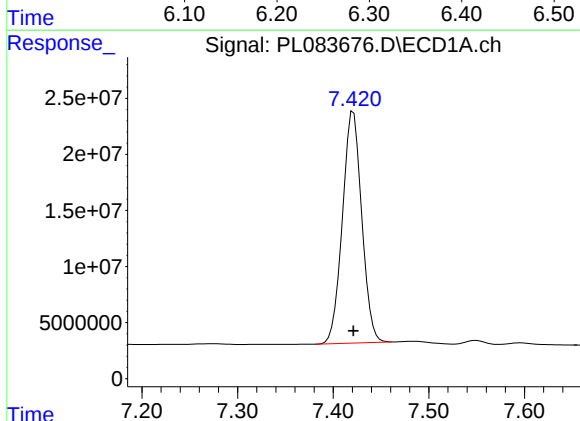
R.T.: 0.000 min
Exp R.T.: 7.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



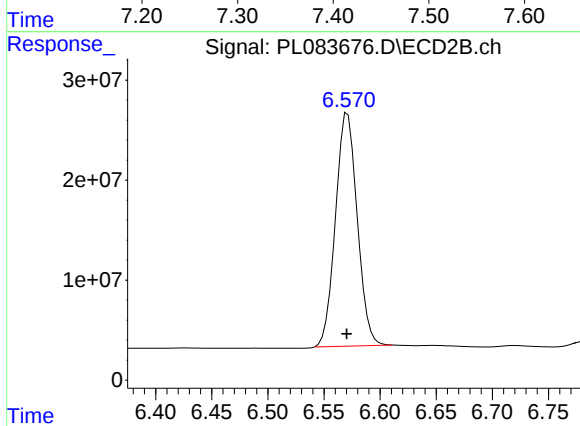
#19 Endosulfan Sulfate

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 135619
Conc: 0.05 ng/ml



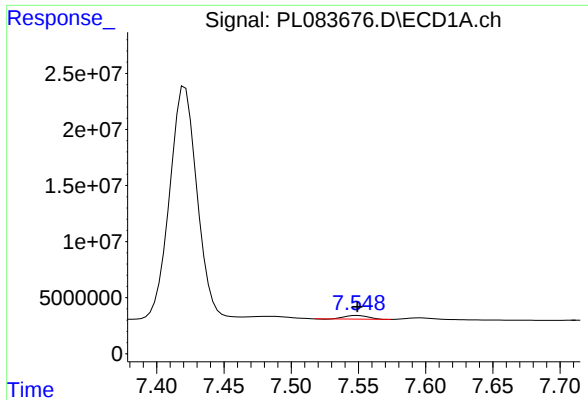
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 290784975
Conc: 251.40 ng/ml



#20 Methoxychlor

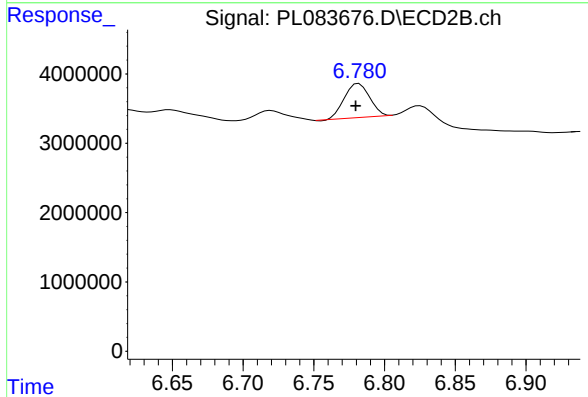
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 314453178
Conc: 248.36 ng/ml



#21 Endrin ketone

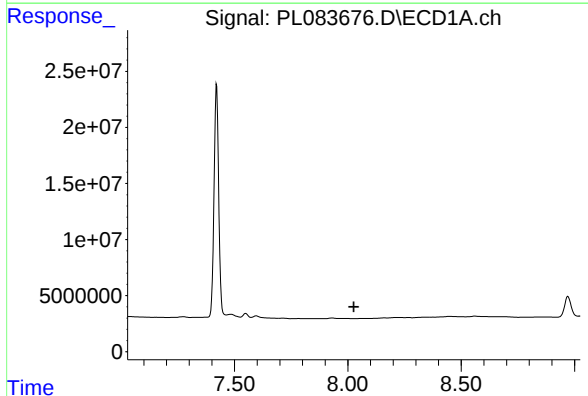
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 4031328
Conc: 1.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



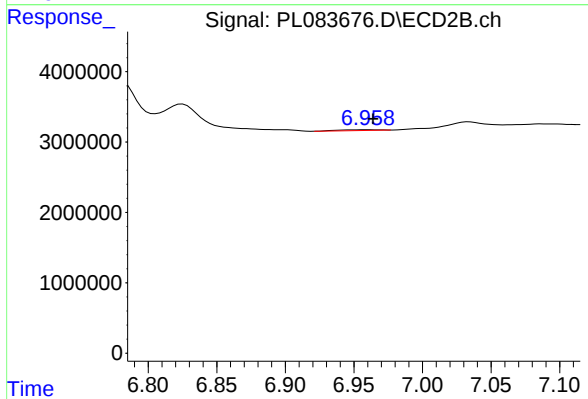
#21 Endrin ketone

R.T.: 6.782 min
Delta R.T.: 0.002 min
Response: 6101541
Conc: 2.10 ng/ml



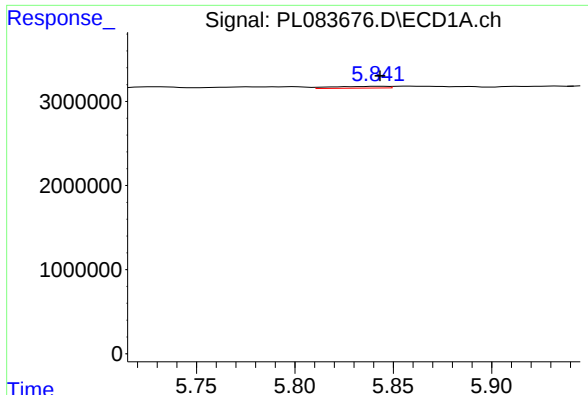
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.026 min
Response: 0
Conc: N.D.



#22 Mirex

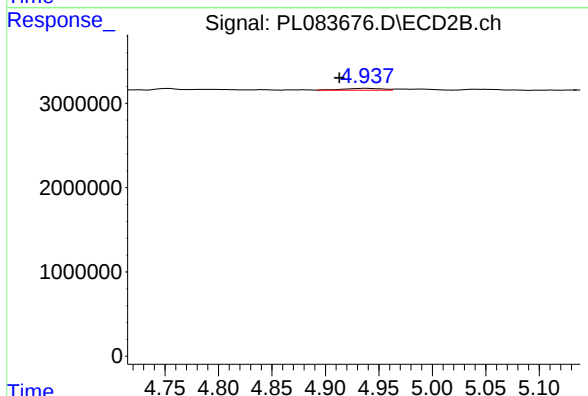
R.T.: 6.960 min
Delta R.T.: -0.004 min
Response: 219346
Conc: 0.09 ng/ml



#25 Chlordane-3

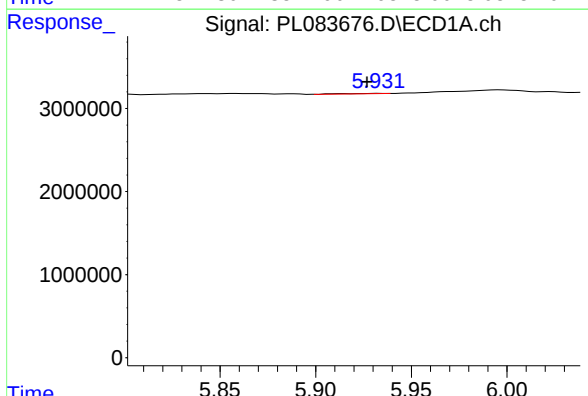
R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 406212
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



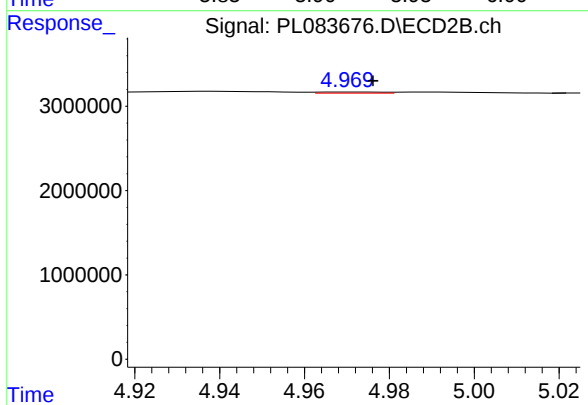
#25 Chlordane-3

R.T.: 4.938 min
Delta R.T.: 0.025 min
Response: 512744
Conc: 1.52 ng/ml



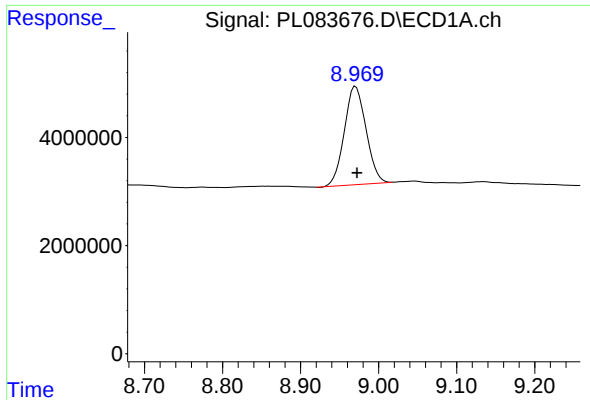
#26 Chlordane-4

R.T.: 5.933 min
Delta R.T.: 0.006 min
Response: 71150
Conc: 0.12 ng/ml



#26 Chlordane-4

R.T.: 4.971 min
Delta R.T.: -0.005 min
Response: 128654
Conc: 0.36 ng/ml



#28 Decachlorobiphenyl

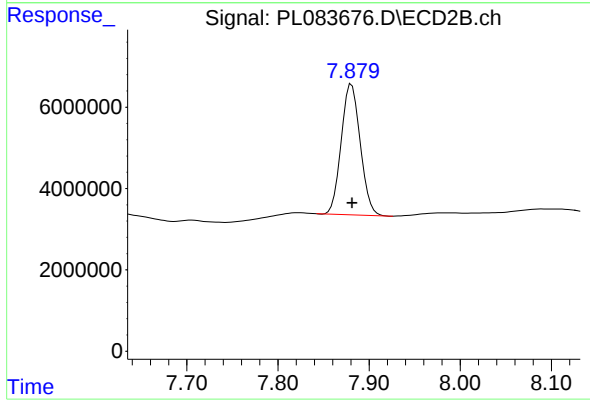
R.T.: 8.971 min

Delta R.T.: -0.002 min

Response: 35022286

Conc: 20.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.881 min

Delta R.T.: 0.000 min

Response: 46661696

Conc: 18.87 ng/ml