

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011221\
 Data File : PL064051.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jan 2021 14:22
 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: Jan 13 05:29:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011221.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 13 04:58:17 2021
 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...	3.435	4.107	58316664	49724743	19.449	19.451
28)	SA Decachlor...	8.168	9.266	62163707	48072037	20.368	20.254
Target Compounds							
2)	A alpha-BHC	3.868	4.508	43751615	29753866	8.796	8.142
3)	MA gamma-BHC...	4.148	4.799	40850120	29179093	8.811	8.284
5)	MB Aldrin	4.689	0.000	4209578	0	1.051	N.D. #
6)	B beta-BHC	4.397	4.976	21957935	19726035	9.349	9.147
7)	B delta-BHC	4.619f	0.000	5057811	0	1.092	N.D. #
9)	A Endosulfan I	5.466	0.000	688454	0	0.195	N.D. #
10)	B gamma-Chl...	5.363	0.000	1629421	0	0.421	N.D. #
11)	B alpha-Chl...	5.415	6.338	1401645	12021614	0.366	3.949 #
12)	B 4,4'-DDE	5.585	6.481	641063	4876701	0.182	1.831 #
14)	MA Endrin	5.967	6.861	161.1E6	108.3E6	46.391	47.407
16)	A 4,4'-DDD	6.102	0.000	477704	0	0.164	N.D. #
17)	MA 4,4'-DDT	6.338	7.280	299.9E6	227.1E6	100.457	100.276
18)	B Endrin al...	6.410	0.000	969977	0	0.338	N.D. #
19)	B Endosulfa...	6.620	0.000	554372	0	0.163	N.D. #
20)	A Methoxychlor	6.886	7.739	358.2E6	307.2E6	214.353	227.390
21)	B Endrin ke...	7.106	7.904	19969102	1258424	5.560	0.505 #
22)	Mirex	7.297	0.000	197061	0	0.072	N.D. #
23)	Chlordane-1	4.325f	5.144f	109579	7304435	1.026	69.318 #
25)	Chlordane-3	5.363	0.000	1629421	0	4.535	N.D. #
26)	Chlordane-4	5.415	6.338	1401645	12021614	4.707	24.796 #

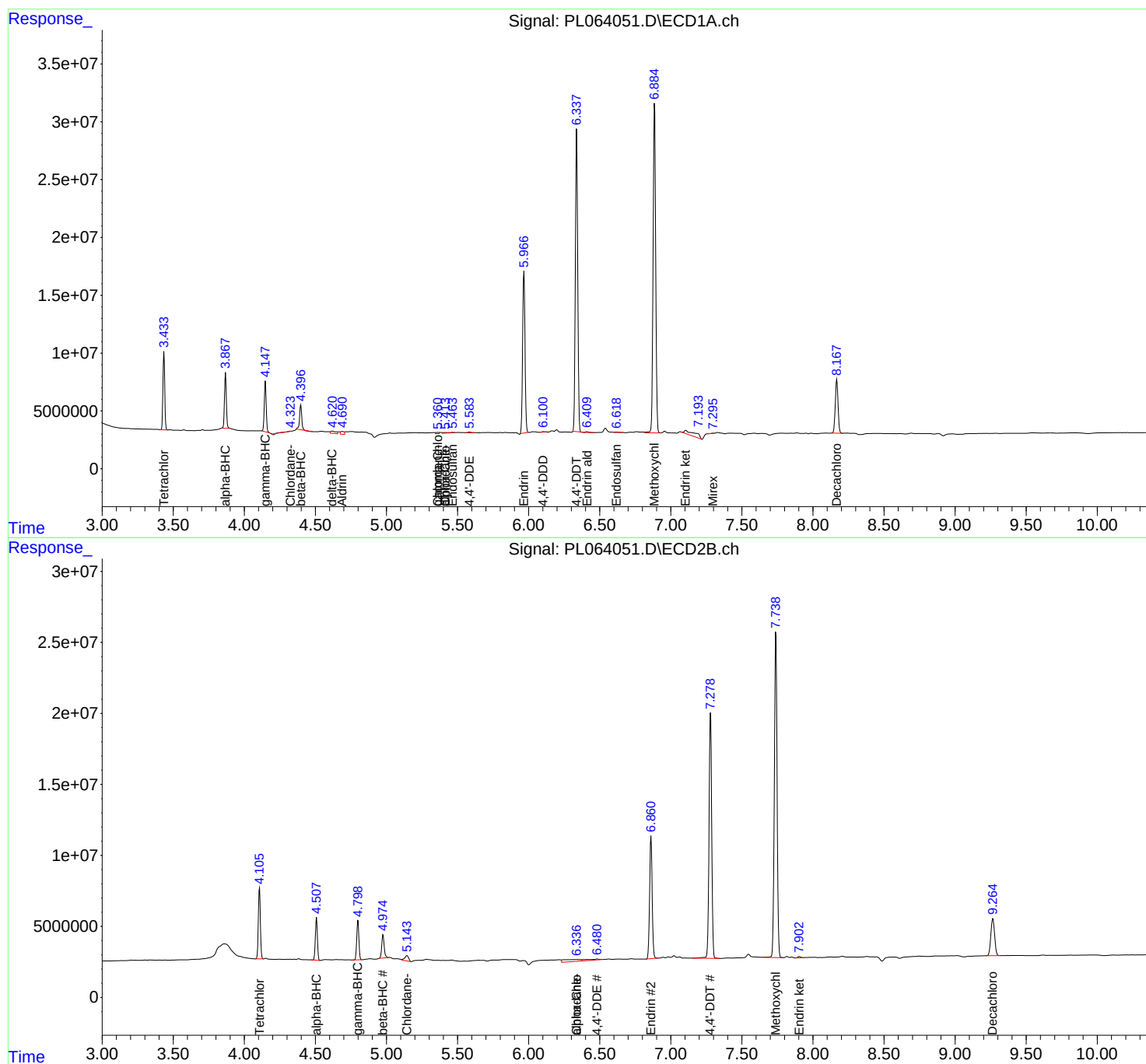
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

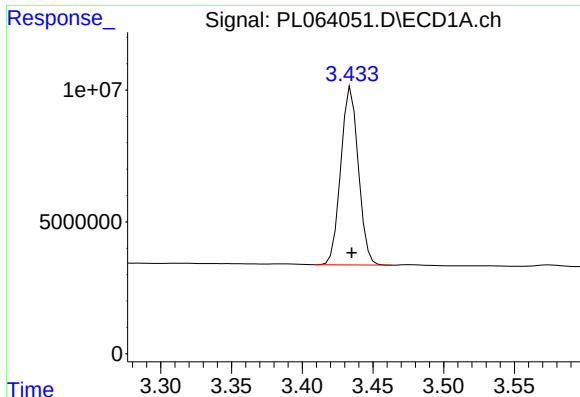
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011221\
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

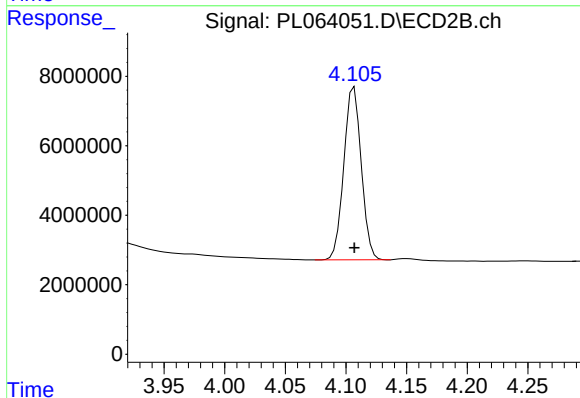




#1 Tetrachloro-m-xylene

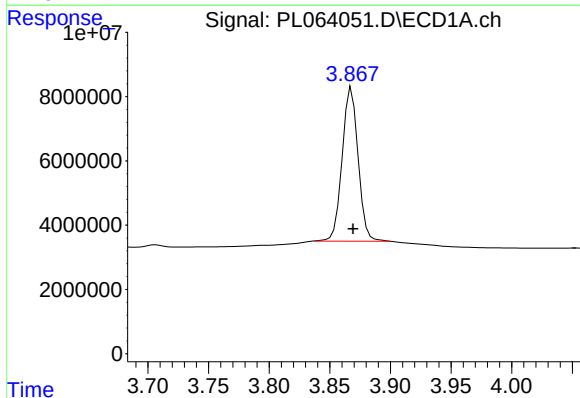
R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 58316664
Conc: 19.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



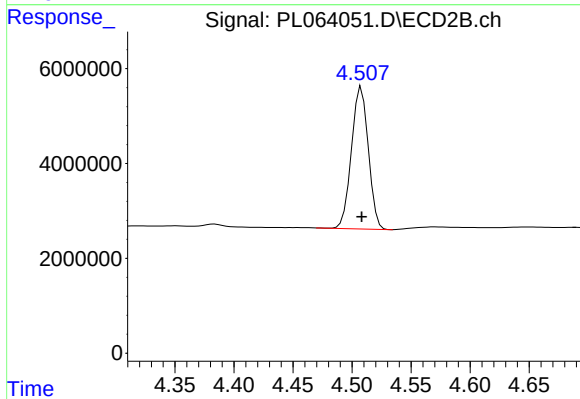
#1 Tetrachloro-m-xylene

R.T.: 4.107 min
Delta R.T.: 0.000 min
Response: 49724743
Conc: 19.45 ng/ml



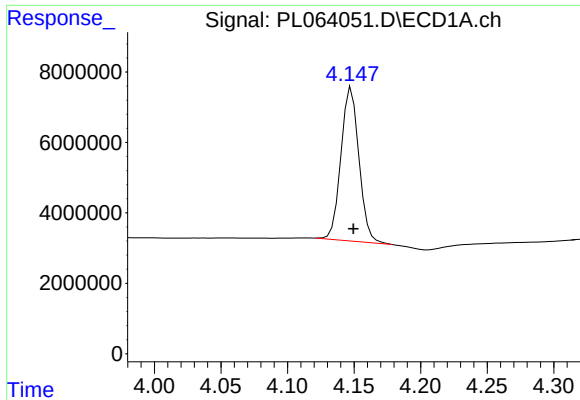
#2 alpha-BHC

R.T.: 3.868 min
Delta R.T.: -0.001 min
Response: 43751615
Conc: 8.80 ng/ml



#2 alpha-BHC

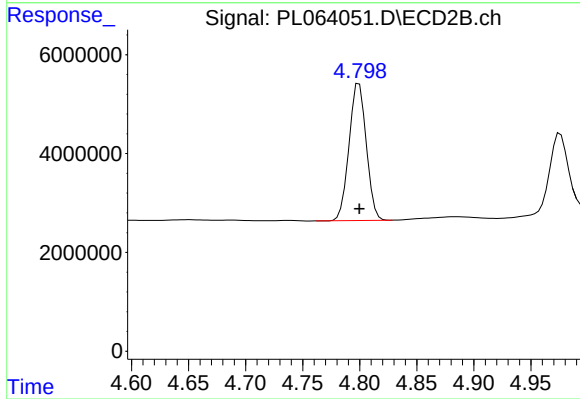
R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 29753866
Conc: 8.14 ng/ml



#3 gamma-BHC (Lindane)

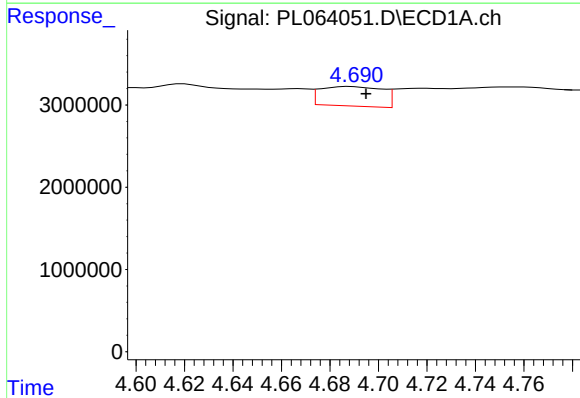
R.T.: 4.148 min
Delta R.T.: -0.001 min
Response: 40850120
Conc: 8.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



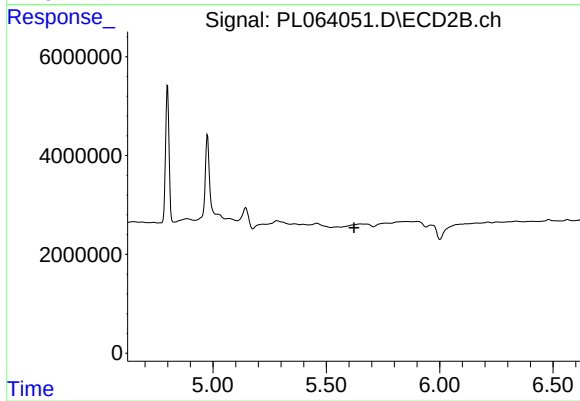
#3 gamma-BHC (Lindane)

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 29179093
Conc: 8.28 ng/ml



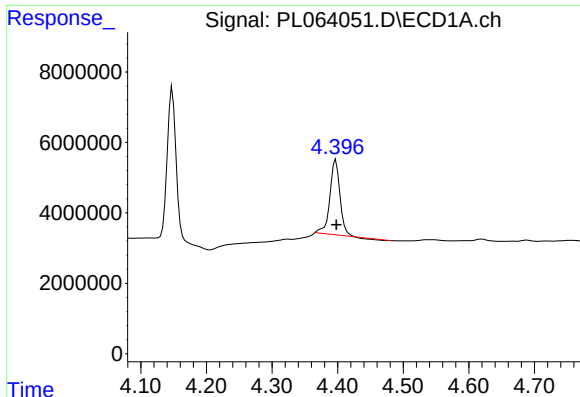
#5 Aldrin

R.T.: 4.689 min
Delta R.T.: -0.006 min
Response: 4209578
Conc: 1.05 ng/ml



#5 Aldrin

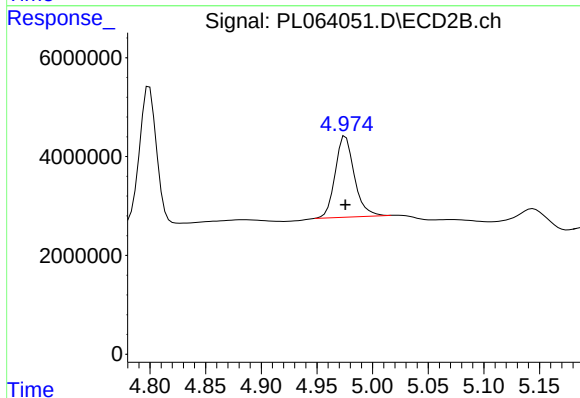
R.T.: 0.000 min
Exp R.T.: 5.623 min
Response: 0
Conc: N.D.



#6 beta-BHC

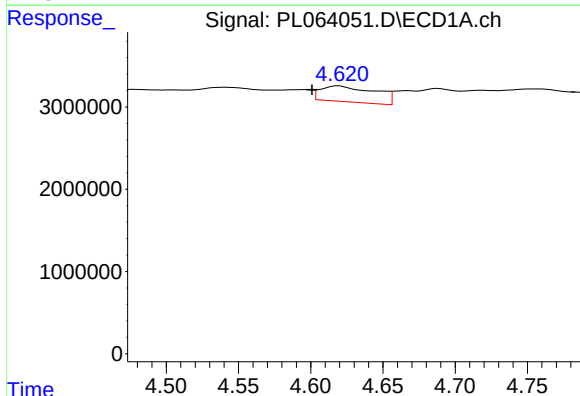
R.T.: 4.397 min
Delta R.T.: -0.001 min
Response: 21957935
Conc: 9.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



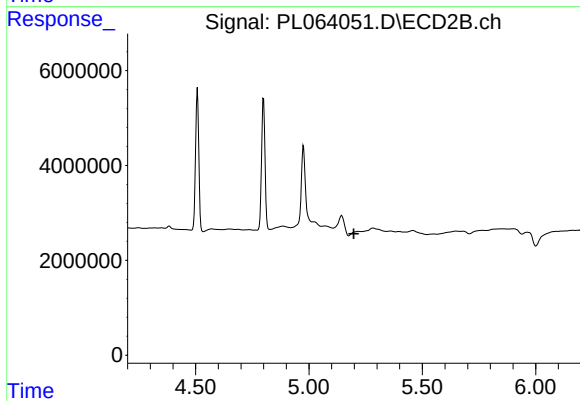
#6 beta-BHC

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 19726035
Conc: 9.15 ng/ml



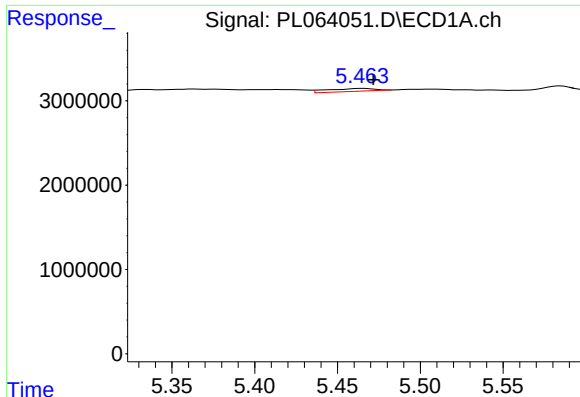
#7 delta-BHC

R.T.: 4.619 min
Delta R.T.: 0.018 min
Response: 5057811
Conc: 1.09 ng/ml



#7 delta-BHC

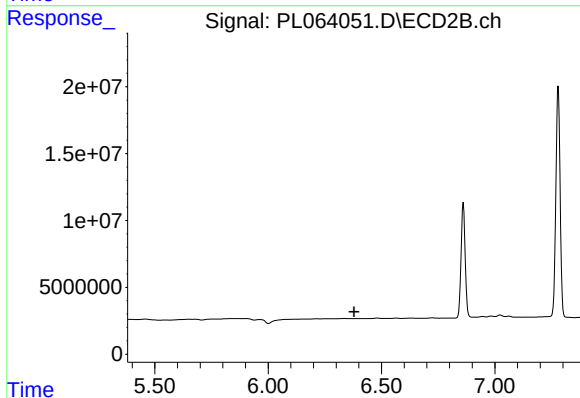
R.T.: 0.000 min
Exp R.T.: 5.198 min
Response: 0
Conc: N.D.



#9 Endosulfan I

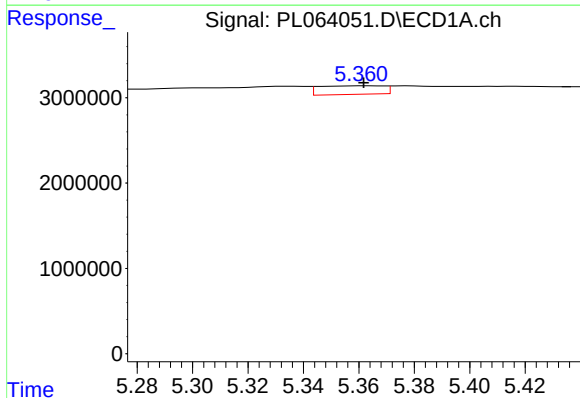
R.T.: 5.466 min
Delta R.T.: -0.006 min
Response: 688454
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



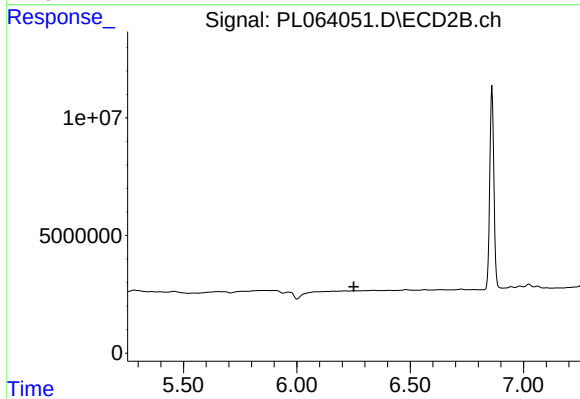
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.379 min
Response: 0
Conc: N.D.



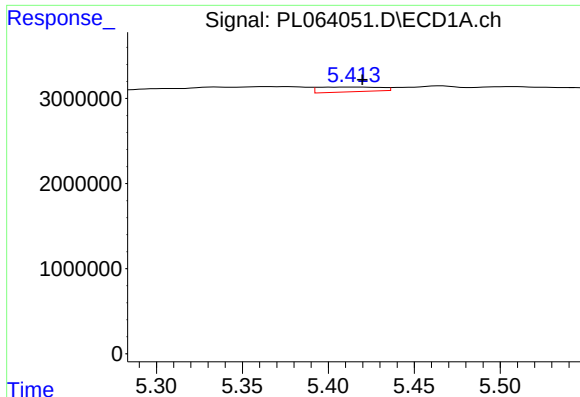
#10 gamma-Chlordane

R.T.: 5.363 min
Delta R.T.: 0.002 min
Response: 1629421
Conc: 0.42 ng/ml



#10 gamma-Chlordane

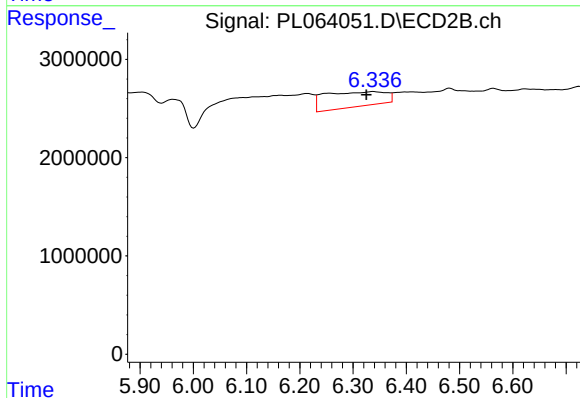
R.T.: 0.000 min
Exp R.T. : 6.252 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

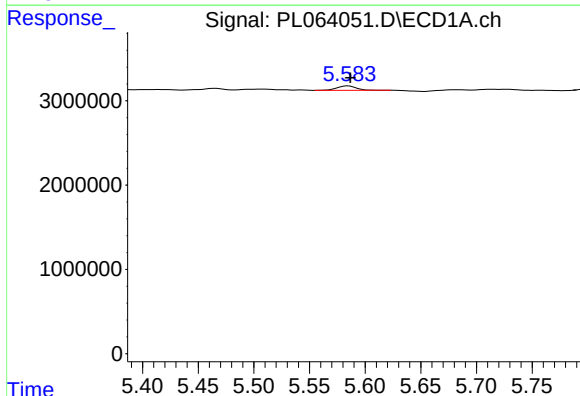
R.T.: 5.415 min
Delta R.T.: -0.005 min
Response: 1401645
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



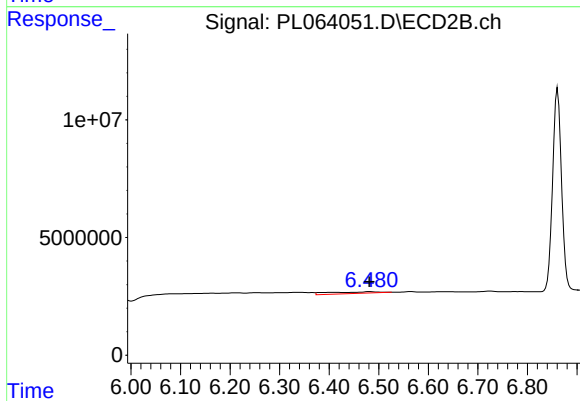
#11 alpha-Chlordane

R.T.: 6.338 min
Delta R.T.: 0.013 min
Response: 12021614
Conc: 3.95 ng/ml



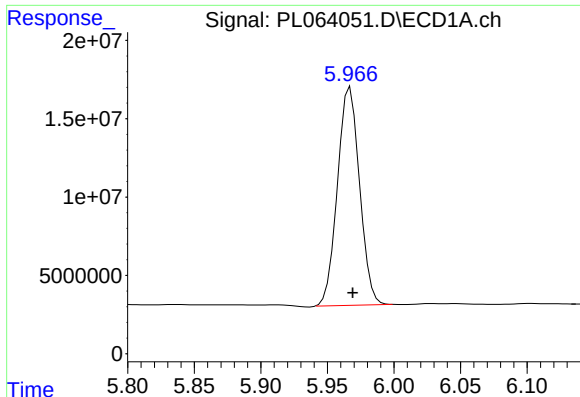
#12 4,4'-DDE

R.T.: 5.585 min
Delta R.T.: -0.002 min
Response: 641063
Conc: 0.18 ng/ml



#12 4,4'-DDE

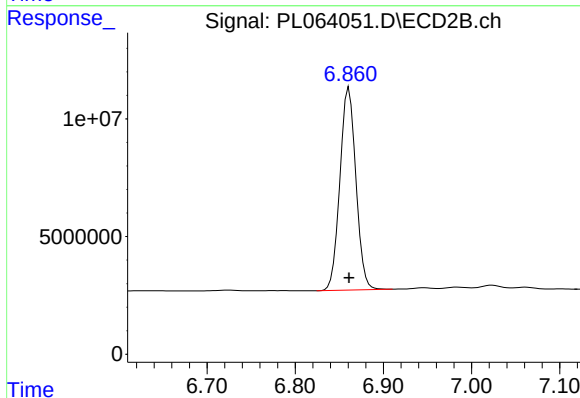
R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 4876701
Conc: 1.83 ng/ml



#14 Endrin

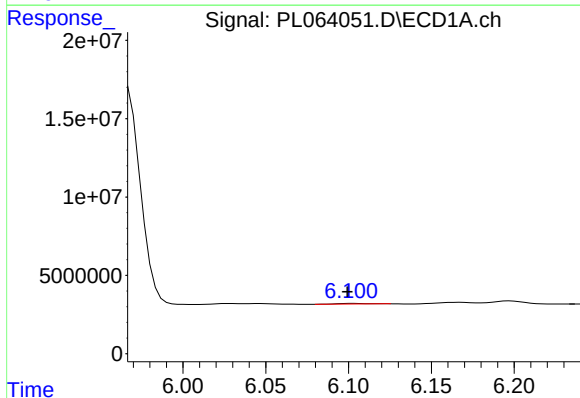
R.T.: 5.967 min
Delta R.T.: -0.002 min
Response: 161089001
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



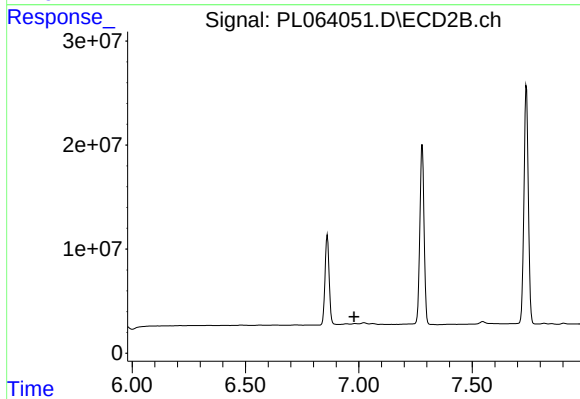
#14 Endrin

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 108254729
Conc: 47.41 ng/ml



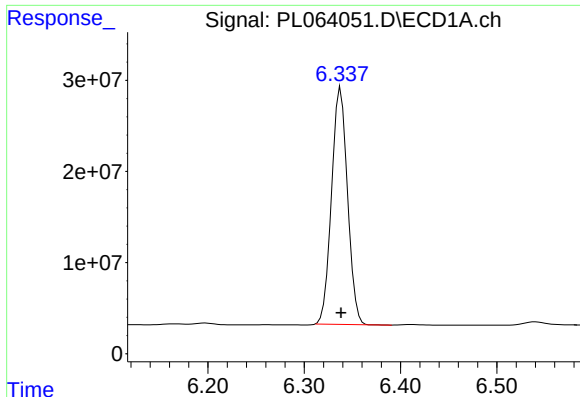
#16 4,4'-DDD

R.T.: 6.102 min
Delta R.T.: 0.003 min
Response: 477704
Conc: 0.16 ng/ml



#16 4,4'-DDD

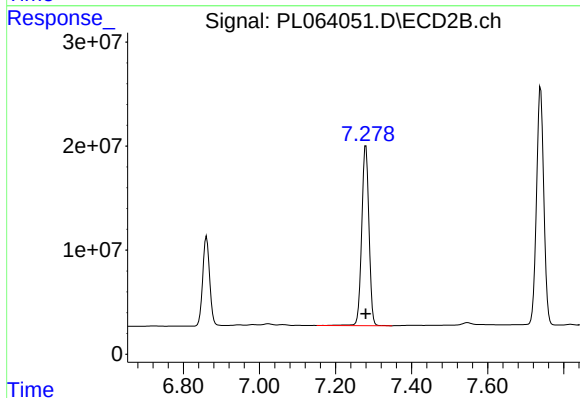
R.T.: 0.000 min
Exp R.T.: 6.979 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

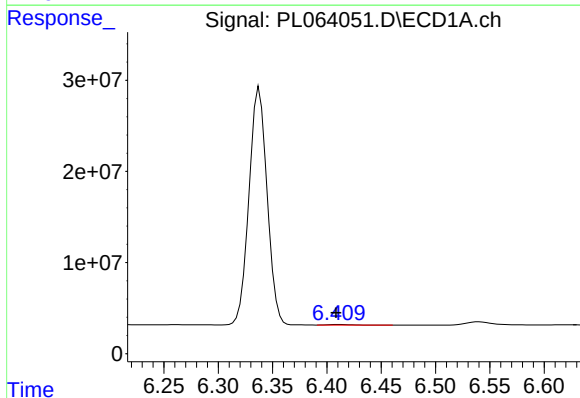
R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 299899427
Conc: 100.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



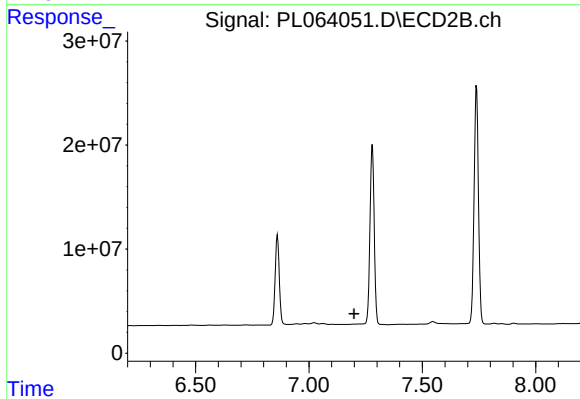
#17 4,4'-DDT

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 227120979
Conc: 100.28 ng/ml



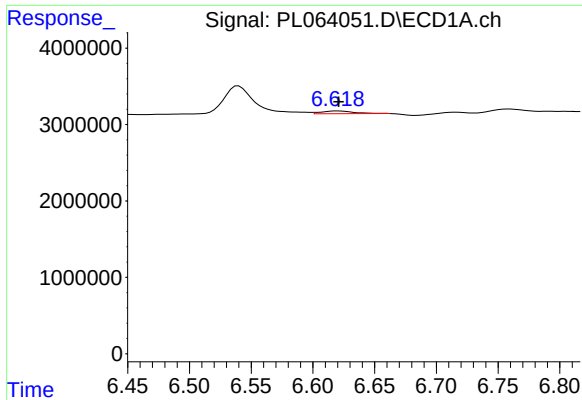
#18 Endrin aldehyde

R.T.: 6.410 min
Delta R.T.: 0.002 min
Response: 969977
Conc: 0.34 ng/ml



#18 Endrin aldehyde

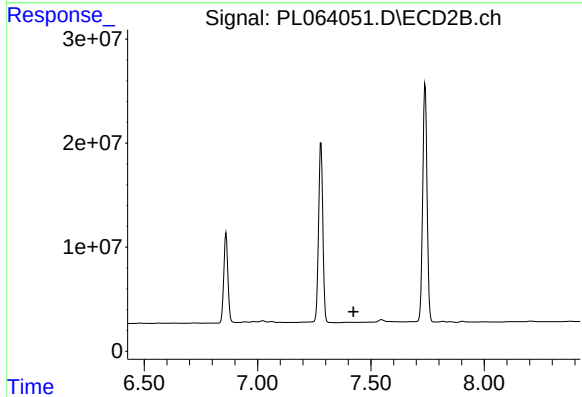
R.T.: 0.000 min
Exp R.T.: 7.200 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

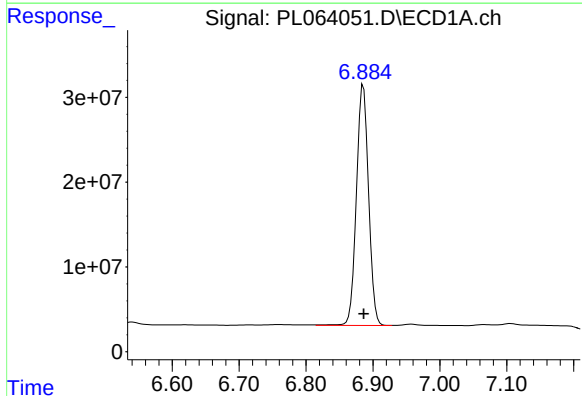
R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 554372
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



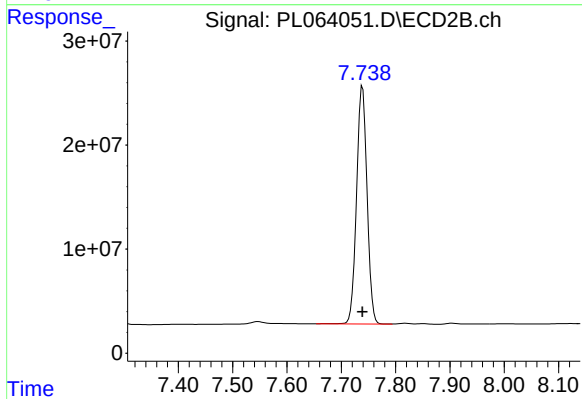
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.424 min
Response: 0
Conc: N.D.



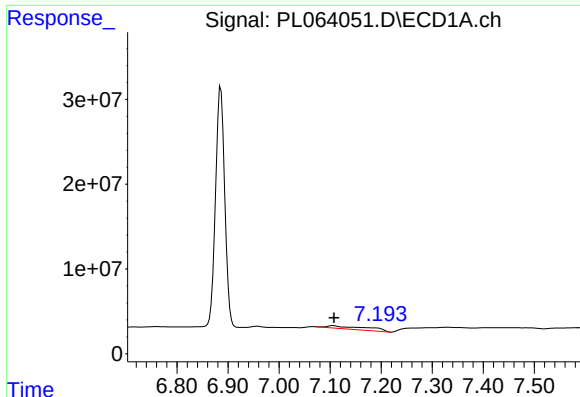
#20 Methoxychlor

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 358214471
Conc: 214.35 ng/ml



#20 Methoxychlor

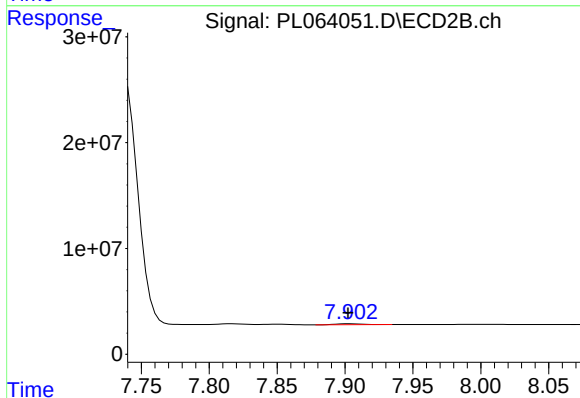
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 307239894
Conc: 227.39 ng/ml



#21 Endrin ketone

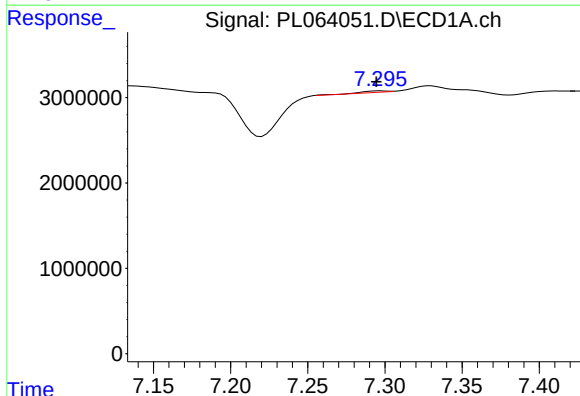
R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 19969102
Conc: 5.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



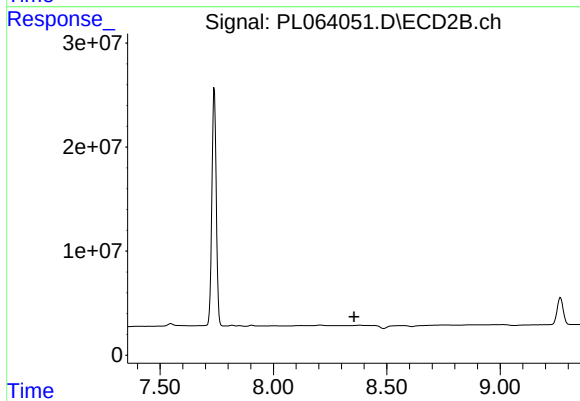
#21 Endrin ketone

R.T.: 7.904 min
Delta R.T.: 0.002 min
Response: 1258424
Conc: 0.50 ng/ml



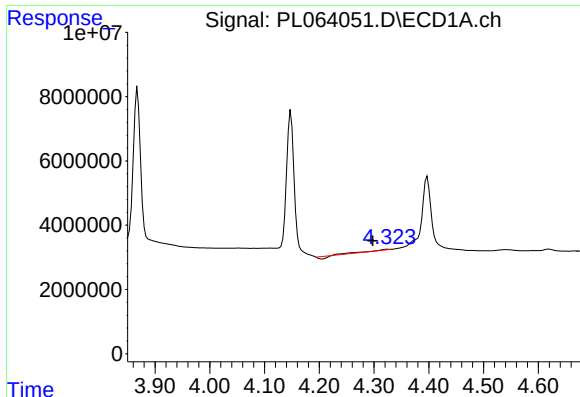
#22 Mirex

R.T.: 7.297 min
Delta R.T.: 0.002 min
Response: 197061
Conc: 0.07 ng/ml



#22 Mirex

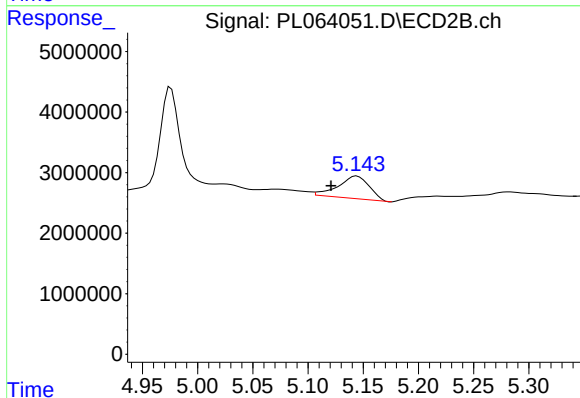
R.T.: 0.000 min
Exp R.T.: 8.355 min
Response: 0
Conc: N.D.



#23 Chlordane-1

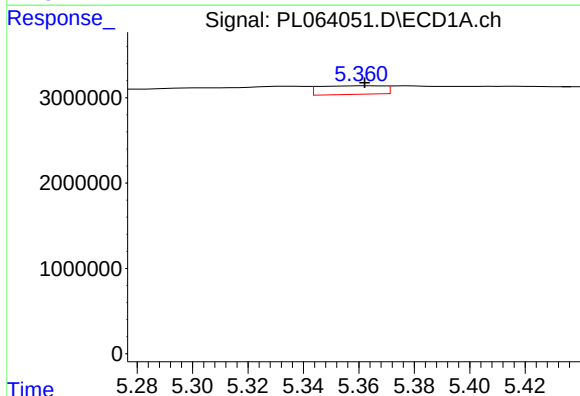
R.T.: 4.325 min
Delta R.T.: 0.027 min
Response: 109579
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



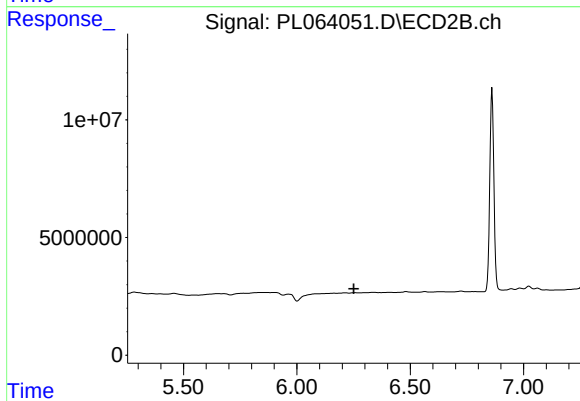
#23 Chlordane-1

R.T.: 5.144 min
Delta R.T.: 0.023 min
Response: 7304435
Conc: 69.32 ng/ml



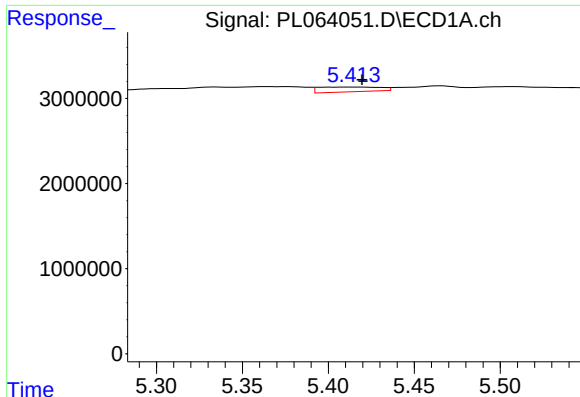
#25 Chlordane-3

R.T.: 5.363 min
Delta R.T.: 0.001 min
Response: 1629421
Conc: 4.54 ng/ml



#25 Chlordane-3

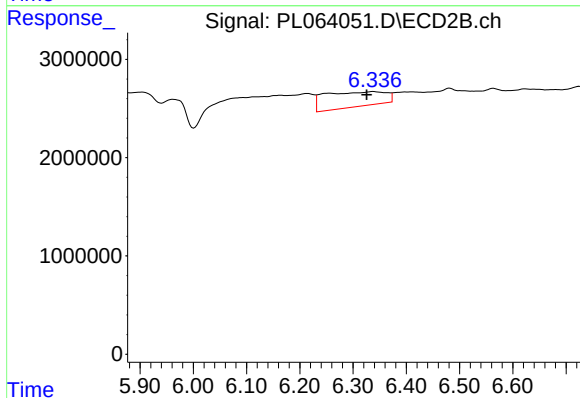
R.T.: 0.000 min
Exp R.T.: 6.252 min
Response: 0
Conc: N.D.



#26 Chlordane-4

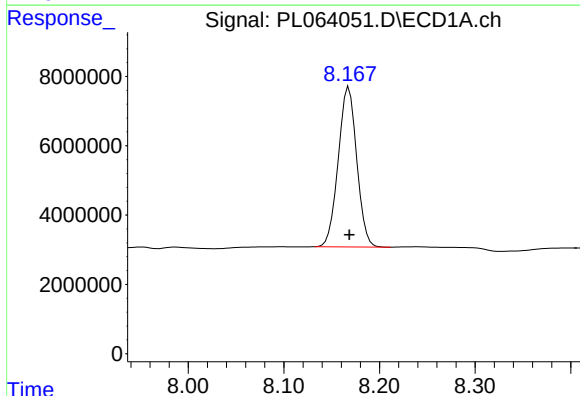
R.T.: 5.415 min
Delta R.T.: -0.004 min
Response: 1401645
Conc: 4.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



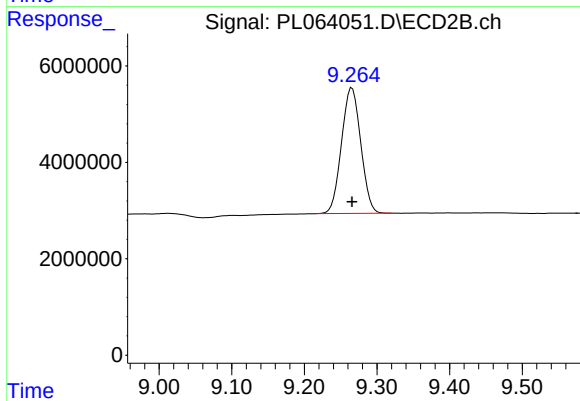
#26 Chlordane-4

R.T.: 6.338 min
Delta R.T.: 0.012 min
Response: 12021614
Conc: 24.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 62163707
Conc: 20.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.266 min
Delta R.T.: 0.000 min
Response: 48072037
Conc: 20.25 ng/ml