

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062818\
 Data File : PD048224.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Jun 2018 15:47
 Operator : UA/AJ
 Sample : PEM05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM05

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 16:28:59 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 29 16:27:50 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.395	4.007	23268354	394.7E6	19.256	19.388
27)	SA Decachlor...	8.089	9.056	27047971	379.6E6	20.233	21.424
Target Compounds							
2)	A alpha-BHC	3.828	4.391	18422705	327.5E6	9.683	10.190
3)	MA gamma-BHC...	4.106	4.673	19390885	295.7E6	10.341	10.192
4)	MA Heptachlor	4.352f	0.000	7200579	0	4.070	N.D. #
6)	B beta-BHC	4.352	4.832	7200579	126.6E6	9.630	9.848
7)	B delta-BHC	0.000	5.043	0	25392713	N.D.	0.824
12)	B 4,4'-DDE	0.000	6.334	0	8144623	N.D.	0.341
14)	MA Endrin	5.904	6.700	75789920	949.8E6	50.337	48.090
16)	A 4,4'-DDD	0.000	6.821	0	7117734	N.D.	0.379
17)	MA 4,4'-DDT	6.270	7.117	149.9E6	1798.0E6	103.557	93.777
20)	A Methoxychlor	6.817	7.569	185.6E6	1979.5E6	245.292	233.762
21)	B Endrin ke...	7.044	7.715	1611899	14428158	0.939	0.755
22)	Toxaphene-1	0.000	6.334	0	8144623	N.D.	80.667
23)	Toxaphene-2	6.270	6.700	149.9E6	949.8E6	5710.464	7007.207
24)	Toxaphene-3	0.000	7.117	0	1798.0E6	N.D.	3516.994
25)	Toxaphene-4	6.817	0.000	185.6E6	0	7849.403	N.D. #
26)	Toxaphene-5	0.000	7.653	0	12706391	N.D.	63.332

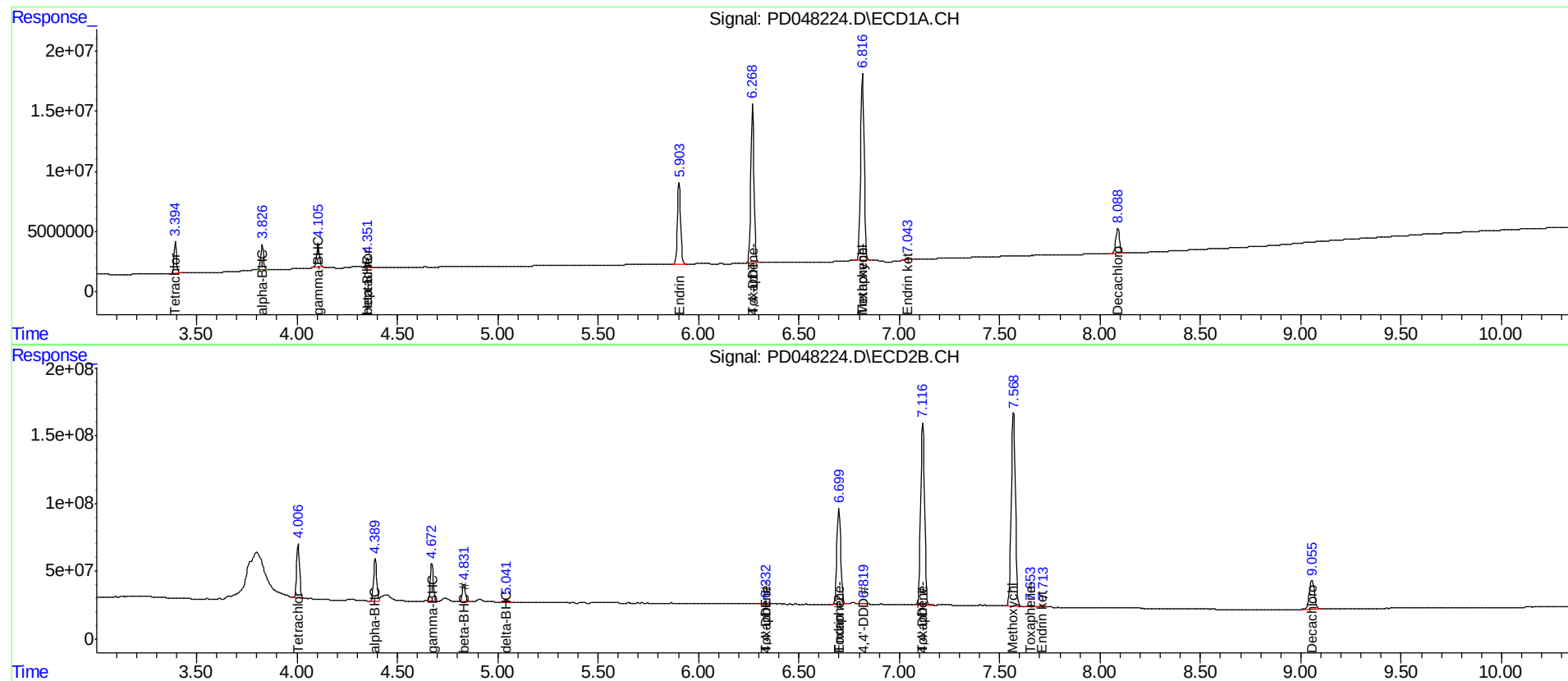
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

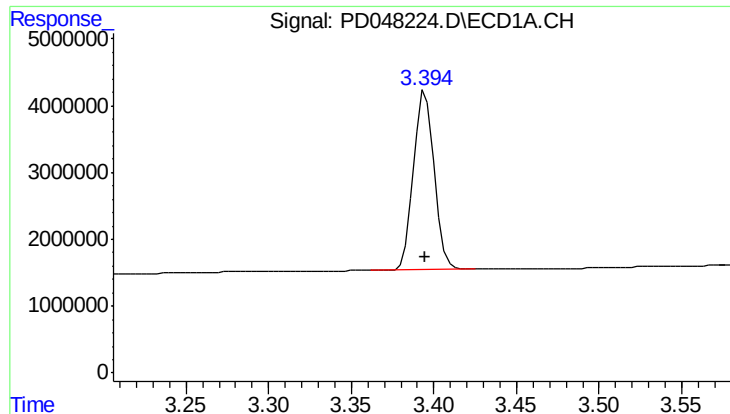
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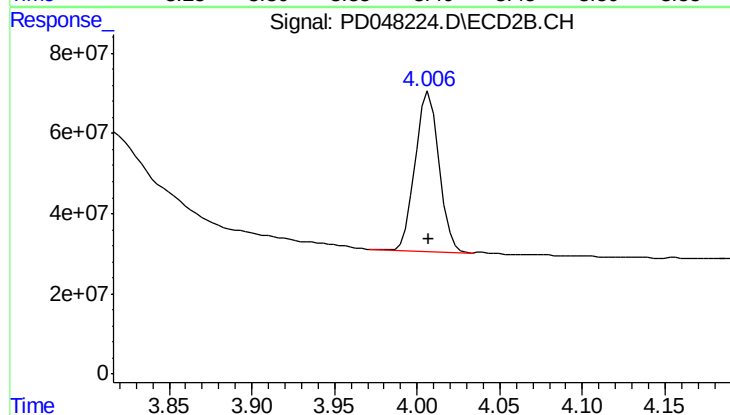




#1 Tetrachloro-m-xylene

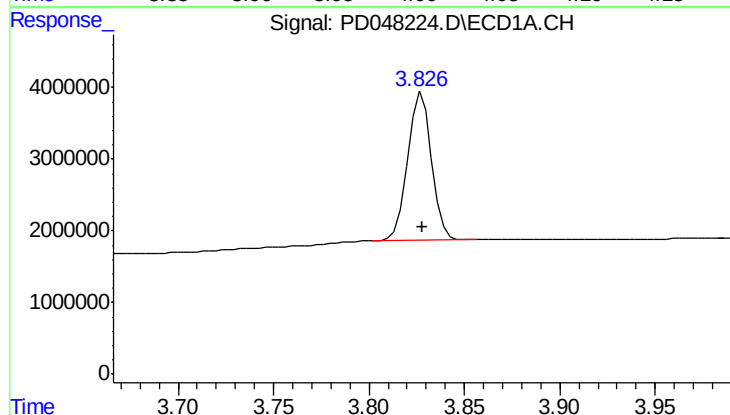
R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 23268354
Conc: 19.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM05



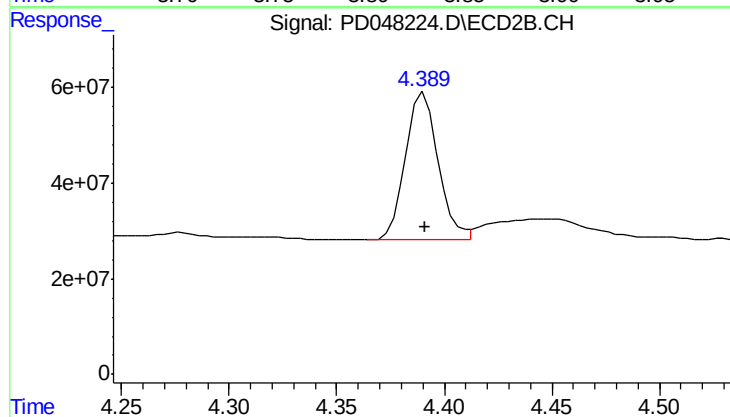
#1 Tetrachloro-m-xylene

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 394733106
Conc: 19.39 ng/ml



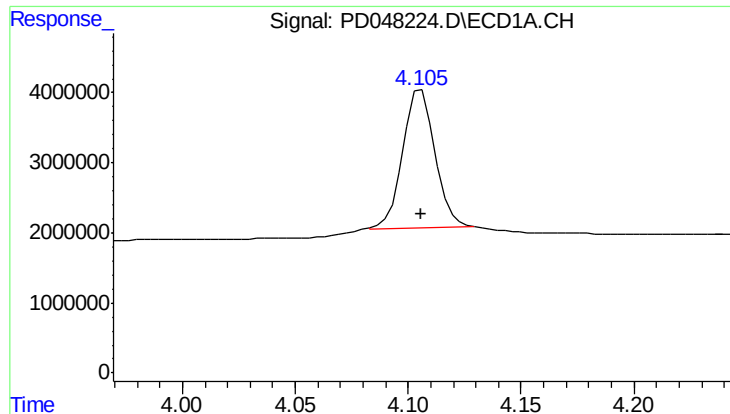
#2 alpha-BHC

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 18422705
Conc: 9.68 ng/ml



#2 alpha-BHC

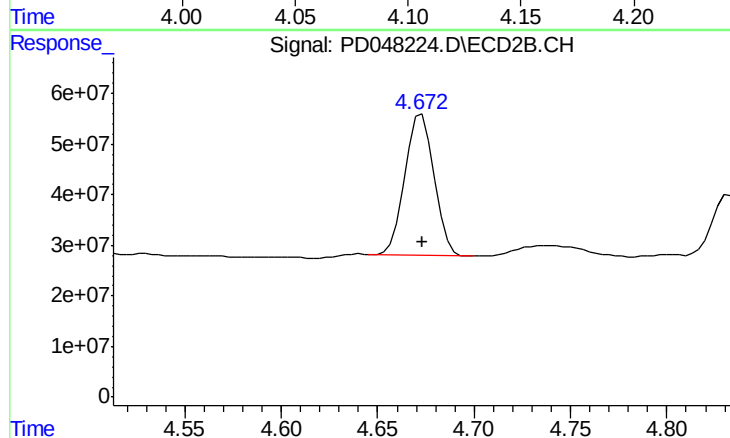
R.T.: 4.391 min
Delta R.T.: 0.000 min
Response: 327507988
Conc: 10.19 ng/ml



#3 gamma-BHC (Lindane)

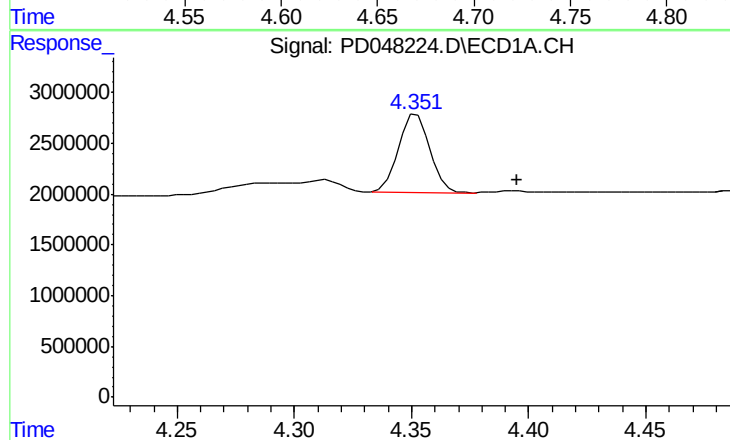
R.T.: 4.106 min
Delta R.T.: 0.000 min
Response: 19390885
Conc: 10.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM05



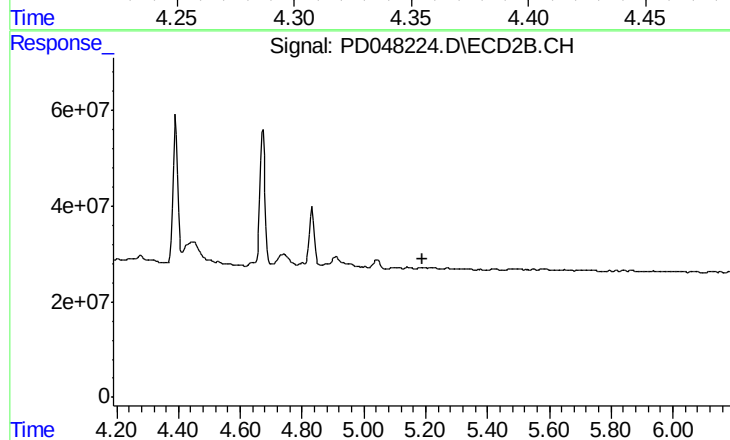
#3 gamma-BHC (Lindane)

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 295661191
Conc: 10.19 ng/ml



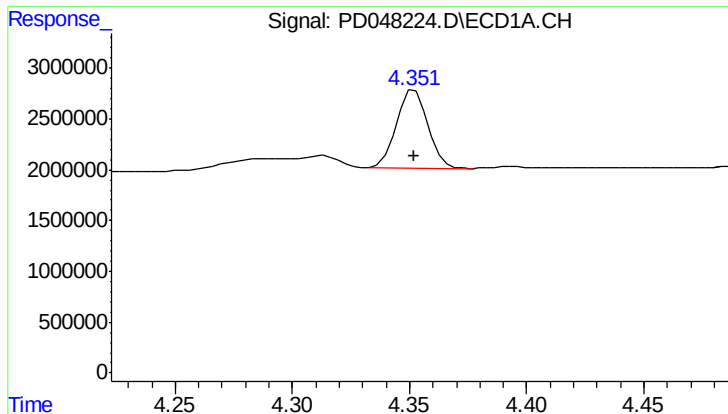
#4 Heptachlor

R.T.: 4.352 min
Delta R.T.: -0.043 min
Response: 7200579
Conc: 4.07 ng/ml



#4 Heptachlor

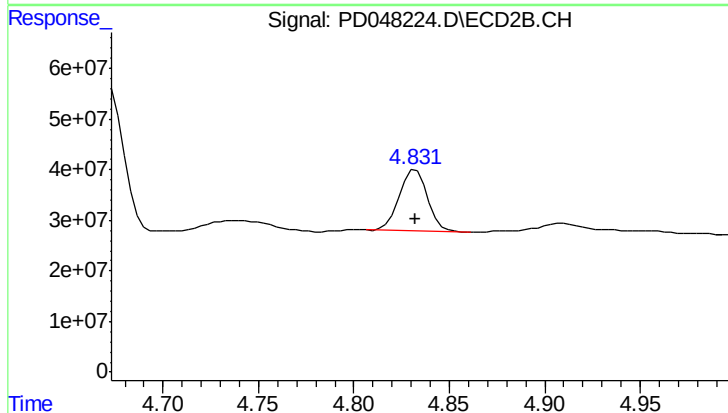
R.T.: 0.000 min
Exp R.T.: 5.188 min
Response: 0
Conc: N.D.



#6 beta-BHC

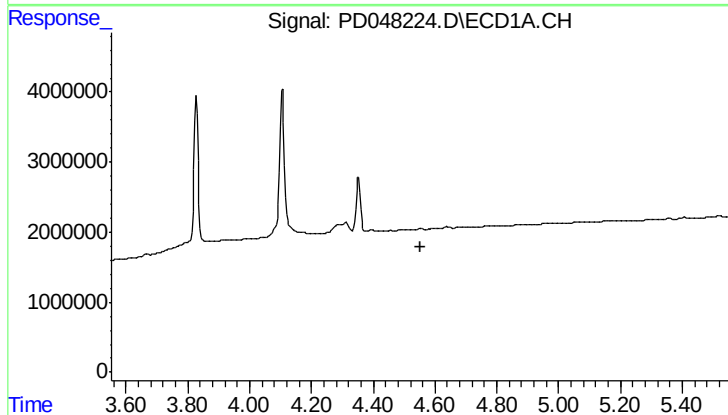
R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 7200579
Conc: 9.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM05



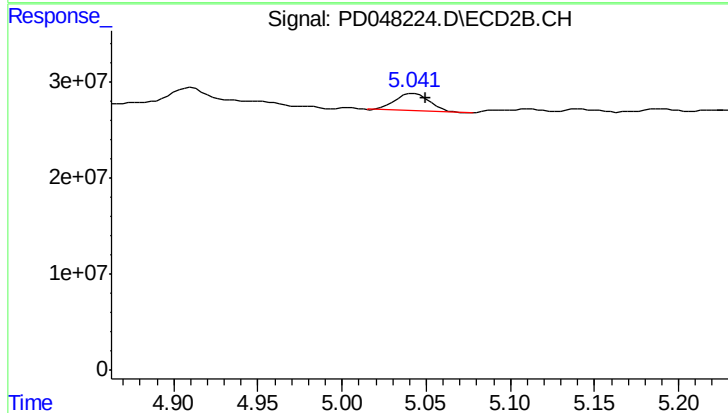
#6 beta-BHC

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 126642304
Conc: 9.85 ng/ml



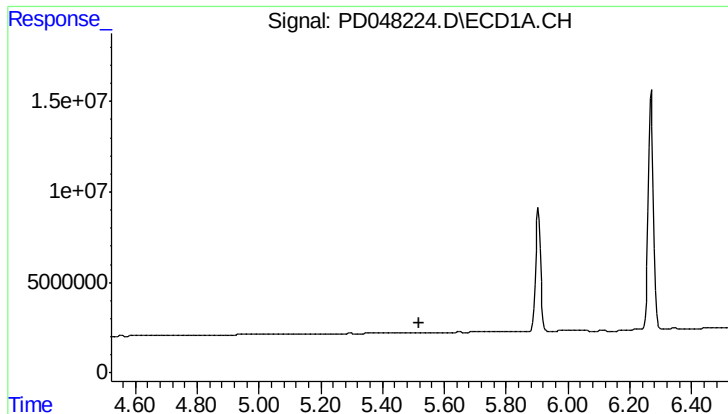
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.551 min
Response: 0
Conc: N.D.



#7 delta-BHC

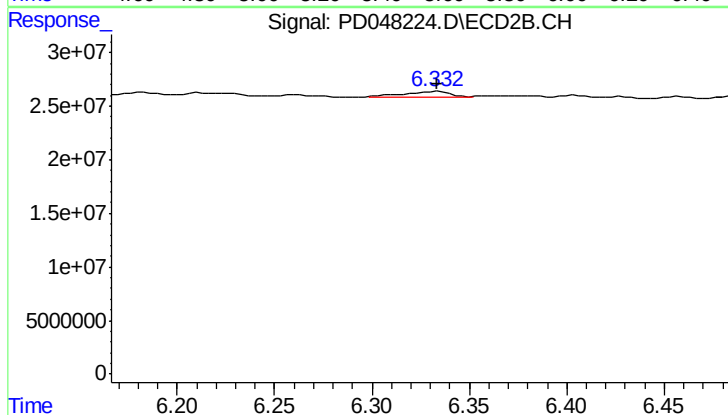
R.T.: 5.043 min
Delta R.T.: -0.007 min
Response: 25392713
Conc: 0.82 ng/ml



#12 4,4'-DDE

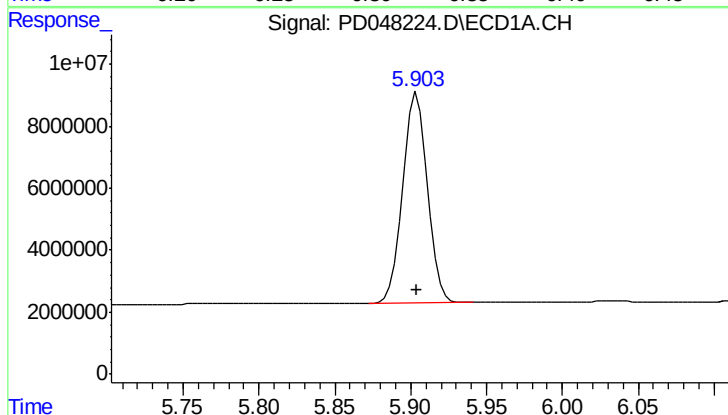
R.T.: 0.000 min
Exp R.T.: 5.520 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM05



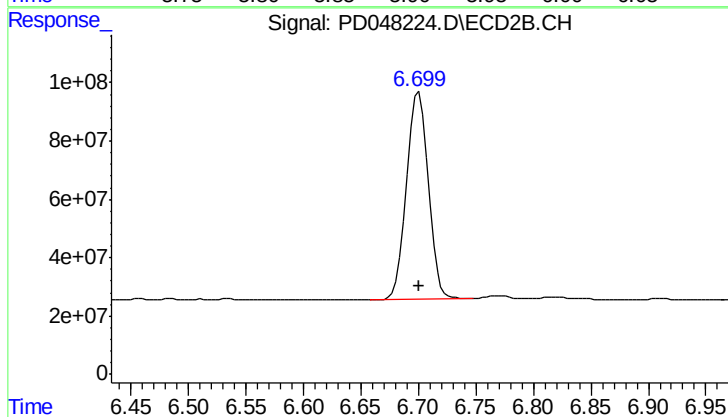
#12 4,4'-DDE

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 8144623
Conc: 0.34 ng/ml



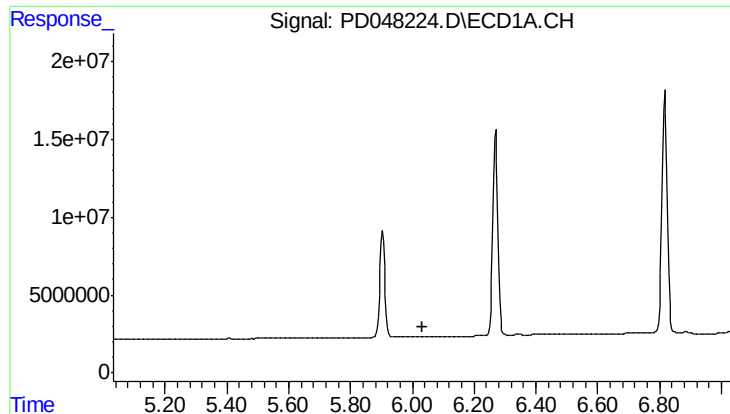
#14 Endrin

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 75789920
Conc: 50.34 ng/ml



#14 Endrin

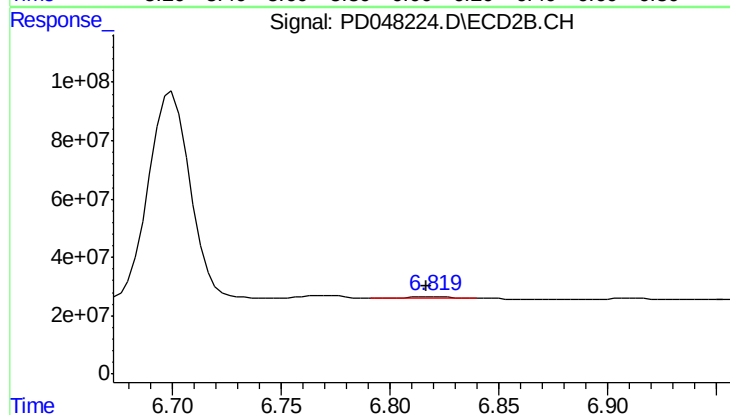
R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 949753639
Conc: 48.09 ng/ml



#16 4,4'-DDD

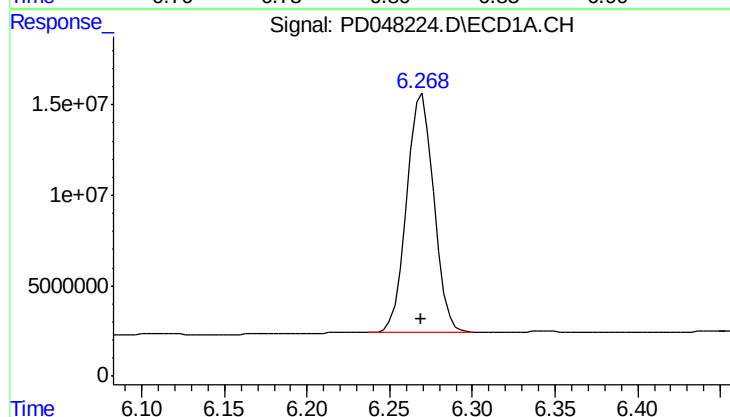
R.T.: 0.000 min
Exp R.T.: 6.033 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM05



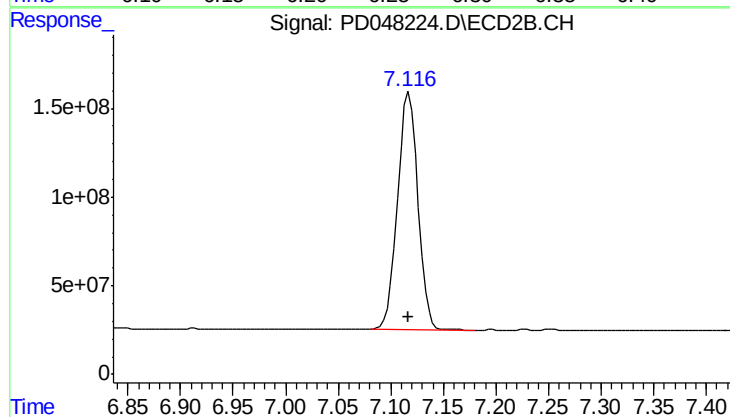
#16 4,4'-DDD

R.T.: 6.821 min
Delta R.T.: 0.004 min
Response: 7117734
Conc: 0.38 ng/ml



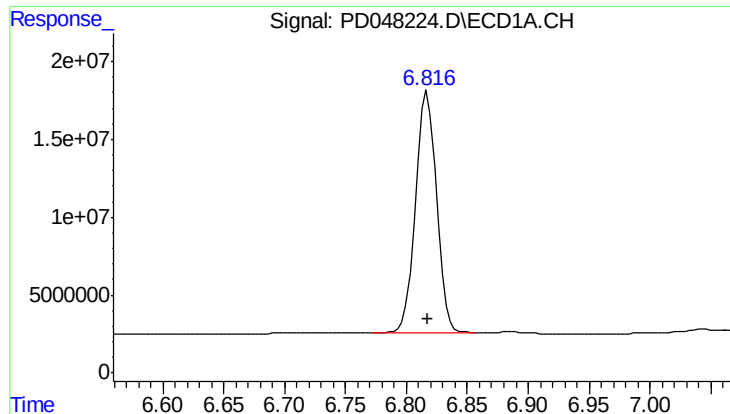
#17 4,4'-DDT

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 149914788
Conc: 103.56 ng/ml



#17 4,4'-DDT

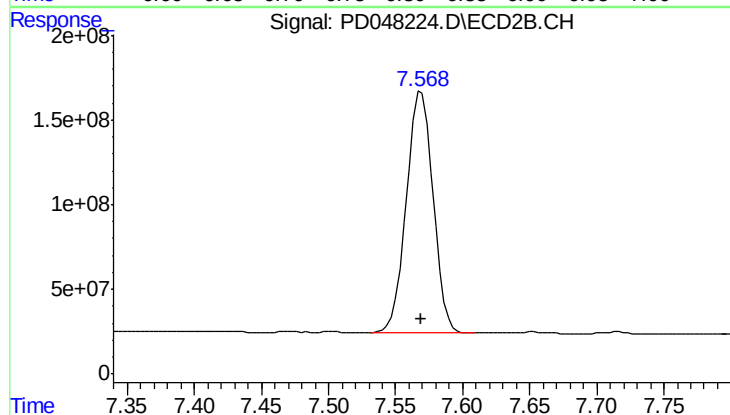
R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 1797956591
Conc: 93.78 ng/ml



#20 Methoxychlor

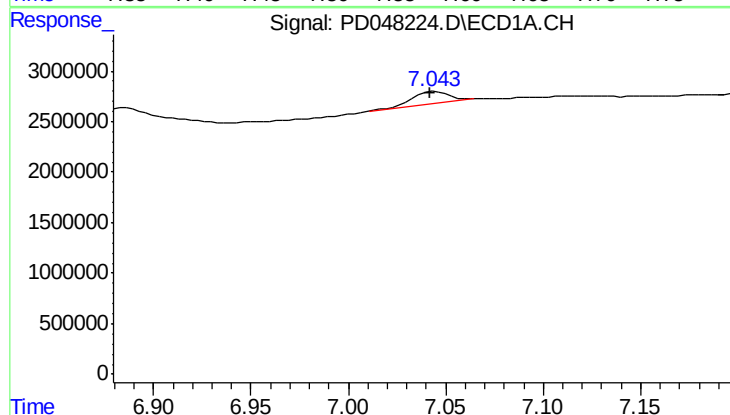
R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 185604238
Conc: 245.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM05



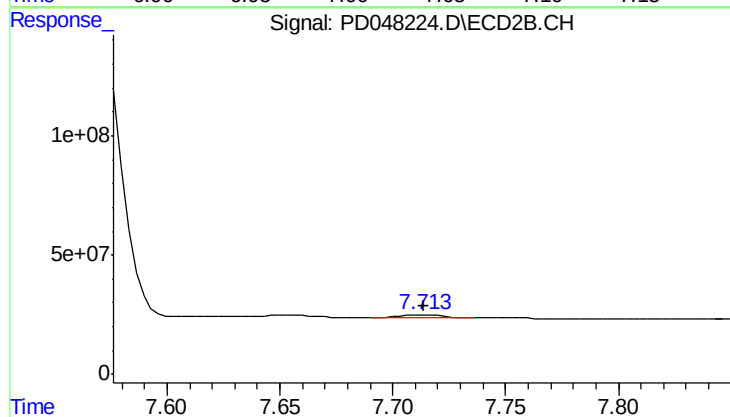
#20 Methoxychlor

R.T.: 7.569 min
Delta R.T.: 0.000 min
Response: 1979519273
Conc: 233.76 ng/ml



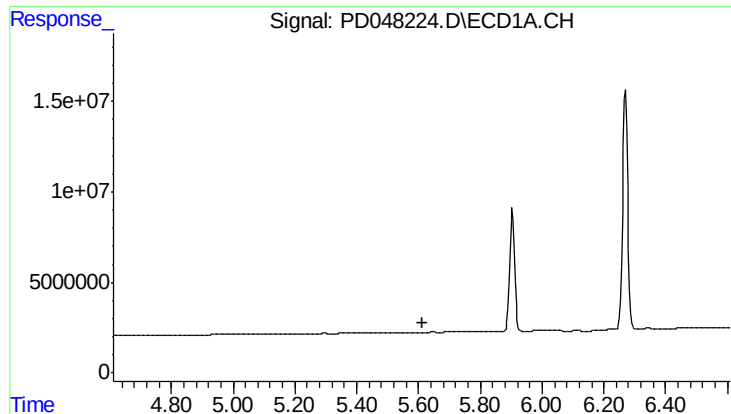
#21 Endrin ketone

R.T.: 7.044 min
Delta R.T.: 0.002 min
Response: 1611899
Conc: 0.94 ng/ml



#21 Endrin ketone

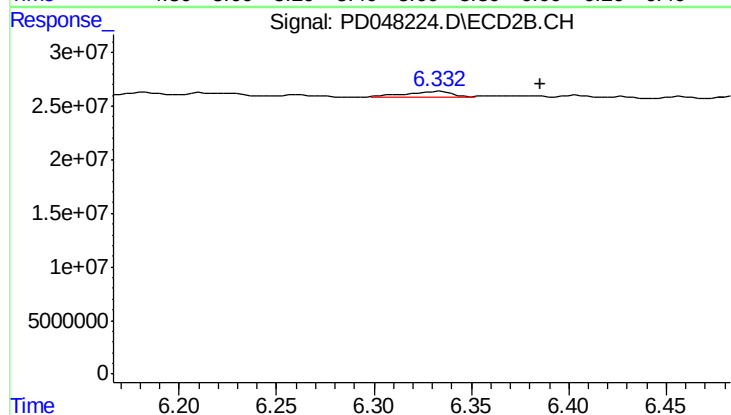
R.T.: 7.715 min
Delta R.T.: 0.000 min
Response: 14428158
Conc: 0.76 ng/ml



#22 Toxaphene-1

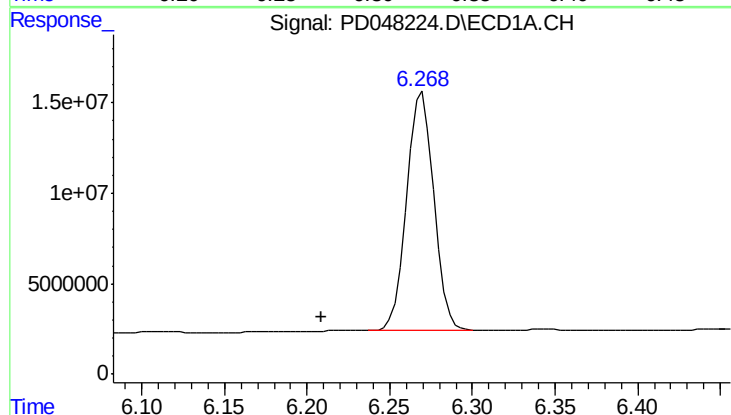
R.T.: 0.000 min
Exp R.T.: 5.612 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM05



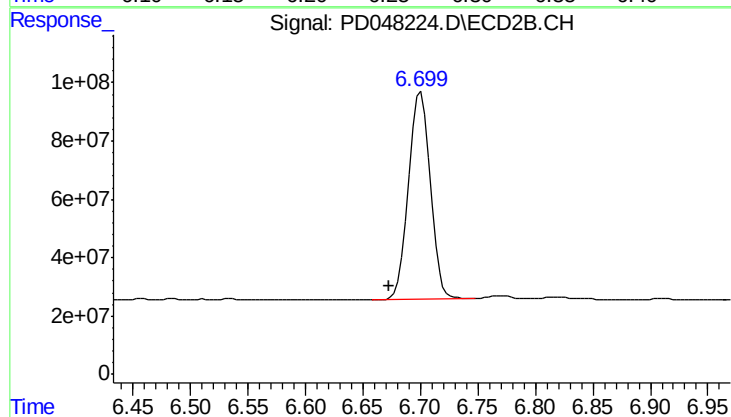
#22 Toxaphene-1

R.T.: 6.334 min
Delta R.T.: -0.051 min
Response: 8144623
Conc: 80.67 ng/ml



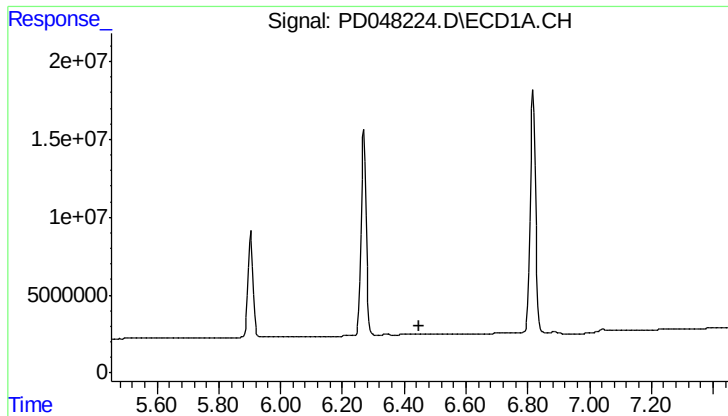
#23 Toxaphene-2

R.T.: 6.270 min
Delta R.T.: 0.061 min
Response: 149914788
Conc: 5710.46 ng/ml



#23 Toxaphene-2

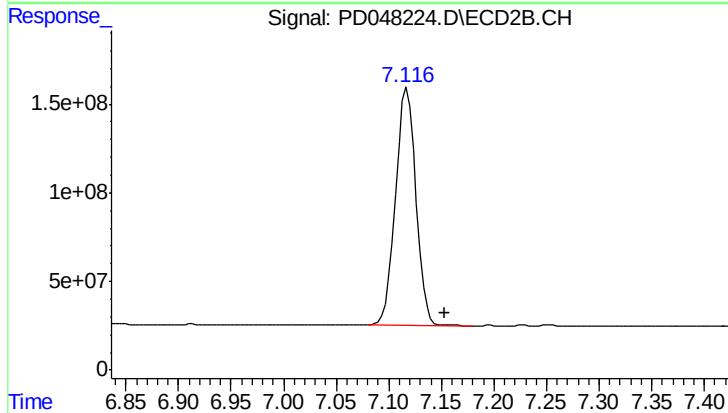
R.T.: 6.700 min
Delta R.T.: 0.027 min
Response: 949753639
Conc: 7007.21 ng/ml



#24 Toxaphene-3

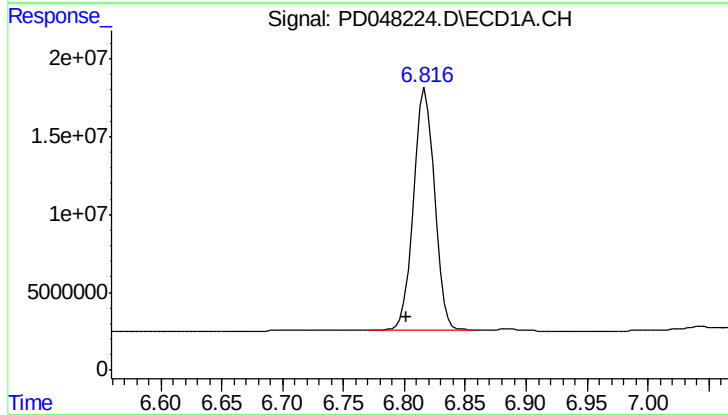
R.T.: 0.000 min
Exp R.T.: 6.450 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM05



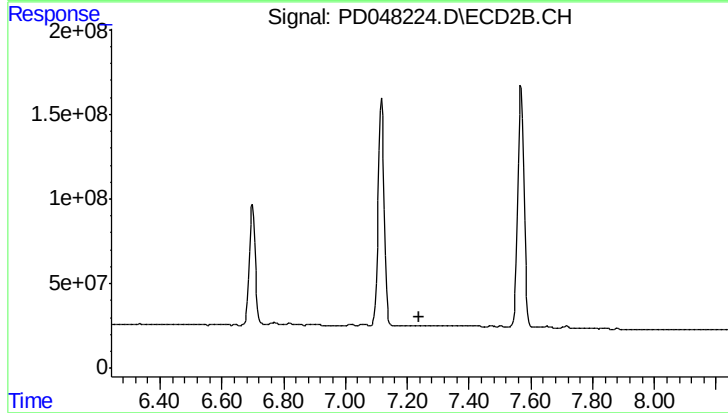
#24 Toxaphene-3

R.T.: 7.117 min
Delta R.T.: -0.036 min
Response: 1797956591
Conc: 3516.99 ng/ml



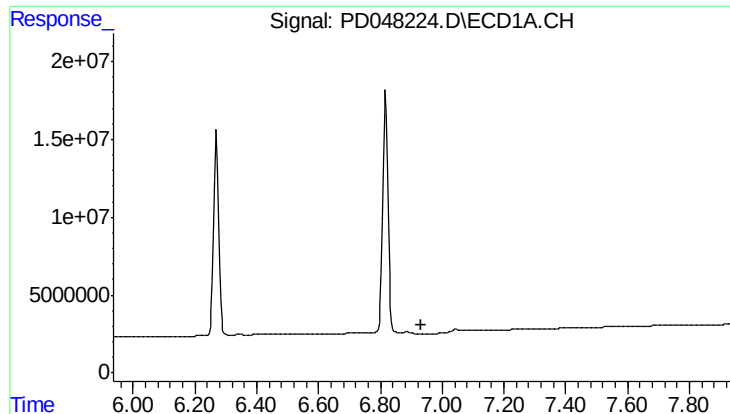
#25 Toxaphene-4

R.T.: 6.817 min
Delta R.T.: 0.015 min
Response: 185604238
Conc: 7849.40 ng/ml



#25 Toxaphene-4

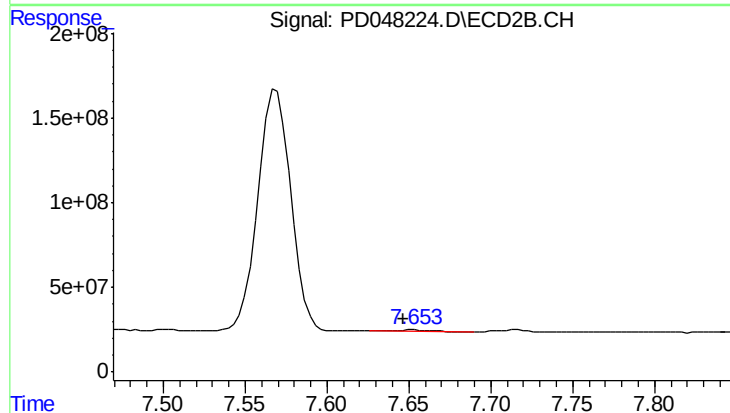
R.T.: 0.000 min
Exp R.T.: 7.241 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

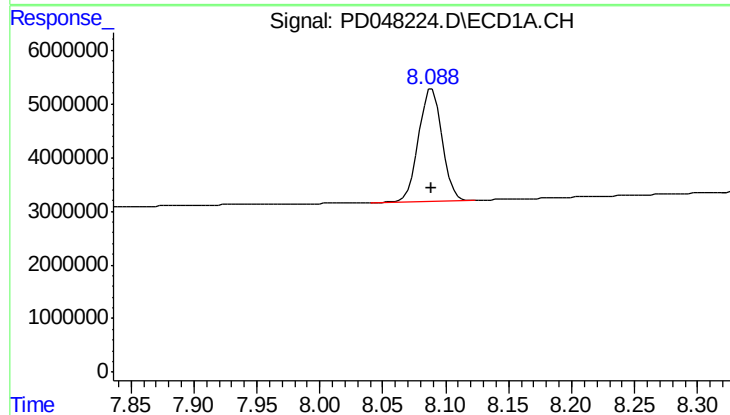
R.T.: 0.000 min
Exp R.T.: 6.934 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM05



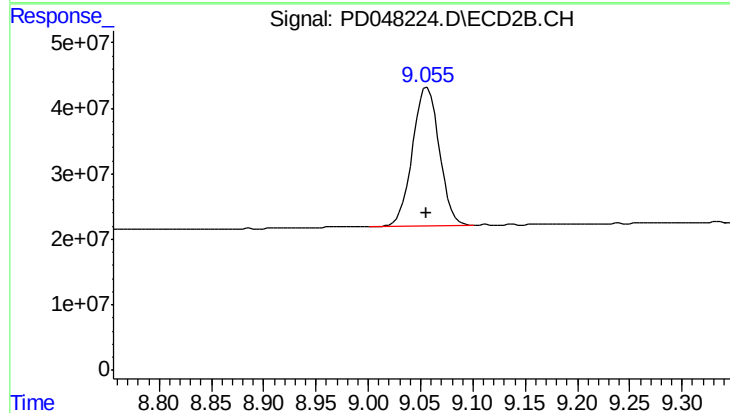
#26 Toxaphene-5

R.T.: 7.653 min
Delta R.T.: 0.006 min
Response: 12706391
Conc: 63.33 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: 0.000 min
Response: 27047971
Conc: 20.23 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 379644664
Conc: 21.42 ng/ml