

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091118\
 Data File : PD049133.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Sep 2018 15:00
 Operator : AJ\SJ
 Sample : PEM45
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM45

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 05:21:45 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081618CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 16 13:32:25 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 x0.2 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...	3.370	3.967	23862419	360.8E6	19.551	20.519
27)	SA Decachlor...	8.065	8.991	27799600	317.2E6	19.307	19.593
Target Compounds							
2)	A alpha-BHC	3.801	4.347	19423067	282.7E6	10.051	10.415
3)	MA gamma-BHC...	4.079	4.628	19267610	275.0E6	10.366	10.724
4)	MA Heptachlor	4.327f	5.092f	7421331	8985089	4.137	0.364 #
5)	MB Aldrin	0.000	5.448	0	3334588	N.D.	0.134
6)	B beta-BHC	4.327	4.788	7421331	111.7E6	9.988	10.650
8)	B Heptachlo...	0.000	5.814	0	6031791	N.D.	0.276
12)	B 4,4'-DDE	0.000	6.288	0	6234071	N.D.	0.308
14)	MA Endrin	5.876	6.647	72864614	743.9E6	46.381	41.771
16)	A 4,4'-DDD	0.000	6.766	0	16924939	N.D.	1.116
17)	MA 4,4'-DDT	6.244	7.065	145.7E6	1407.3E6	98.708	87.277
18)	B Endrin al...	0.000	6.973	0	20343502	N.D.	1.368
20)	A Methoxychlor	6.793	7.518	179.1E6	1481.7E6	229.865	216.438
21)	B Endrin ke...	7.017	7.659	3488706	28208464	2.078	1.704
22)	Toxaphene-1	0.000	6.288	0	6234071	N.D.	63.381
24)	Toxaphene-3	6.244	7.065	145.7E6	1407.3E6	5541.133	7619.762 #
26)	Toxaphene-5	0.000	7.659	0	28208464	N.D.	144.995

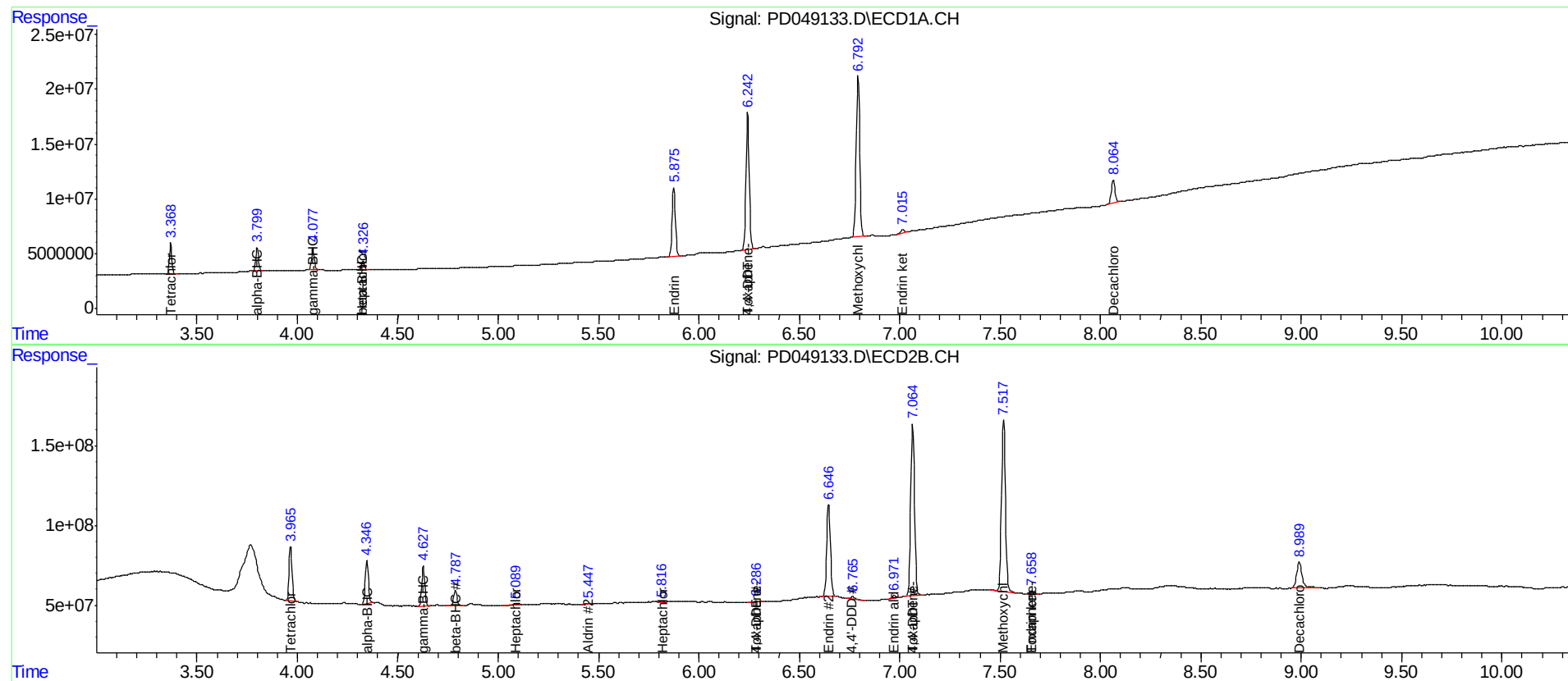
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

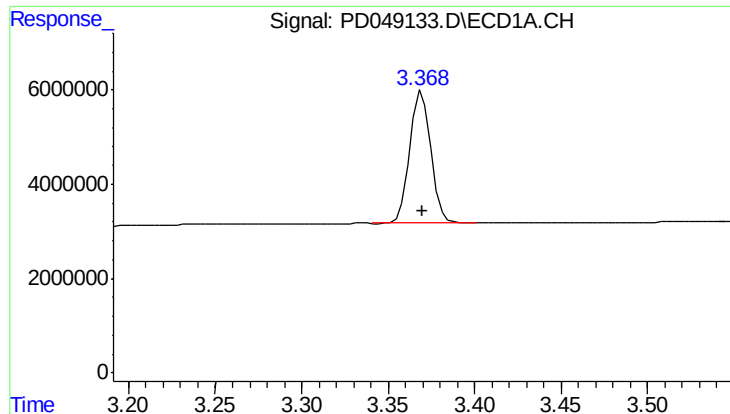
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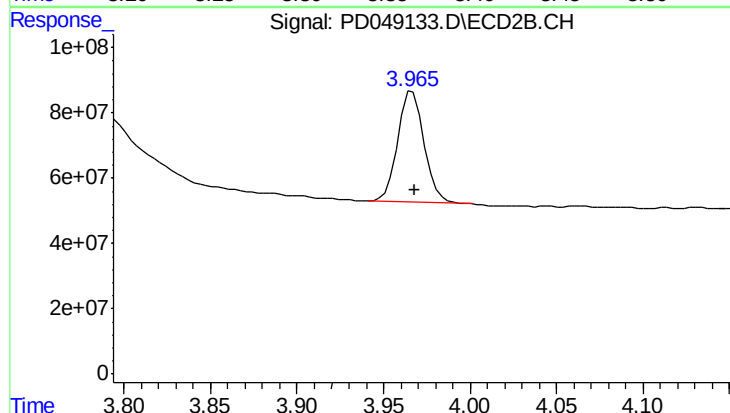




#1 Tetrachloro-m-xylene

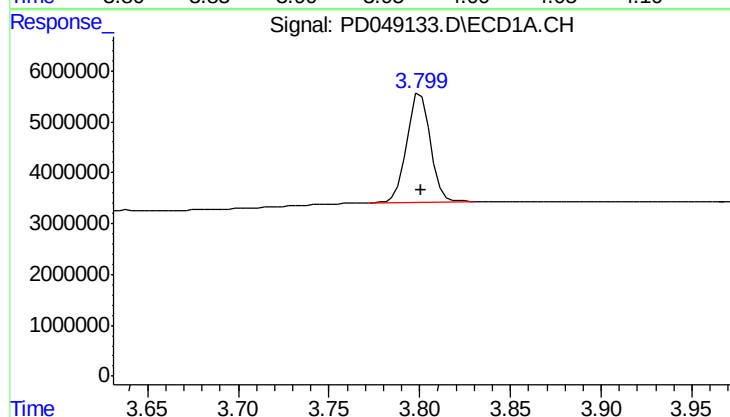
R.T.: 3.370 min
Delta R.T.: 0.000 min
Response: 23862419
Conc: 19.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM45



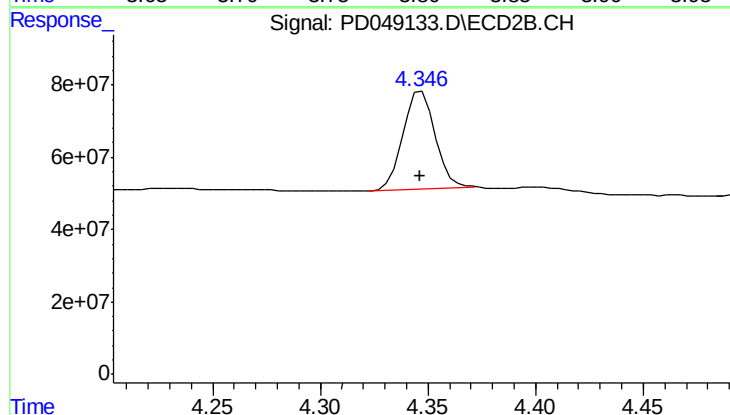
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 360769860
Conc: 20.52 ng/ml



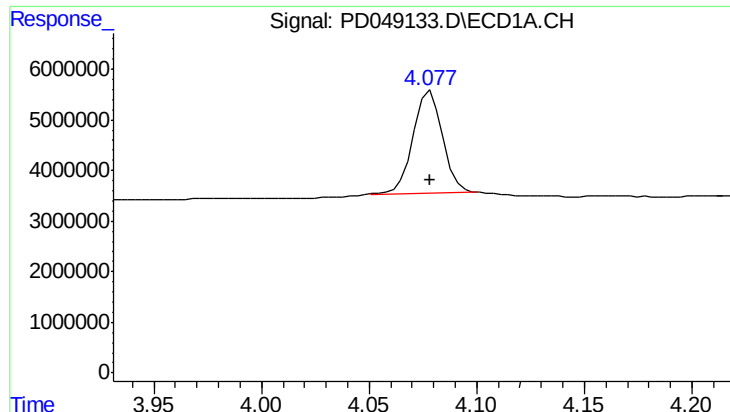
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 19423067
Conc: 10.05 ng/ml



#2 alpha-BHC

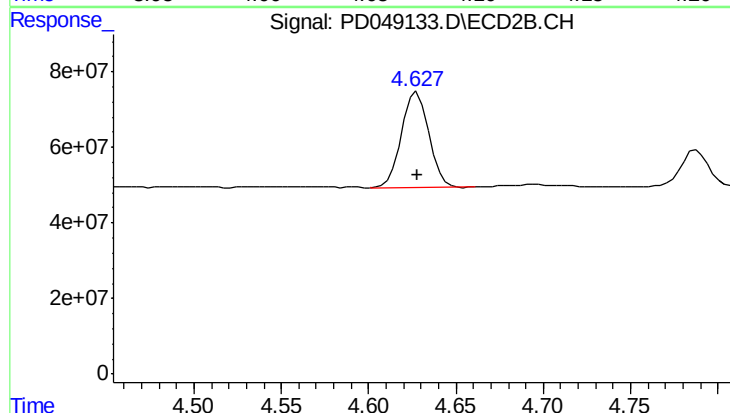
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 282736617
Conc: 10.41 ng/ml



#3 gamma-BHC (Lindane)

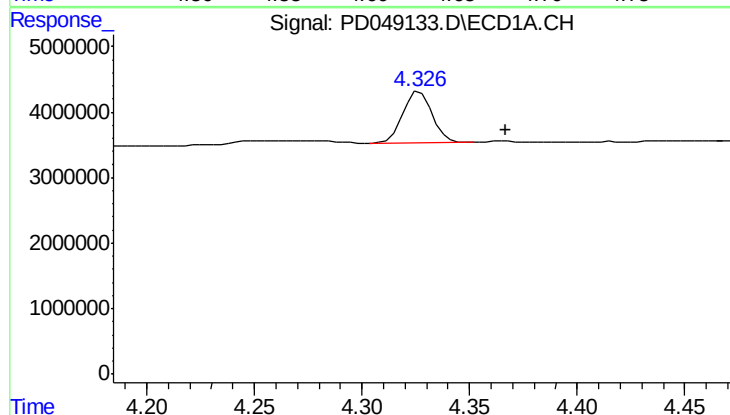
R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 19267610
Conc: 10.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM45



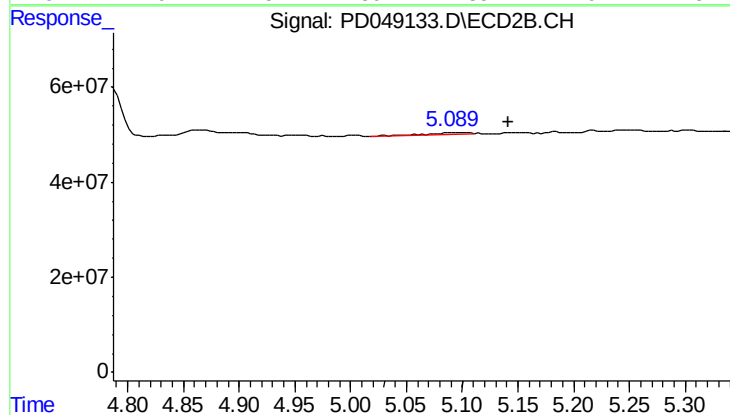
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 274984181
Conc: 10.72 ng/ml



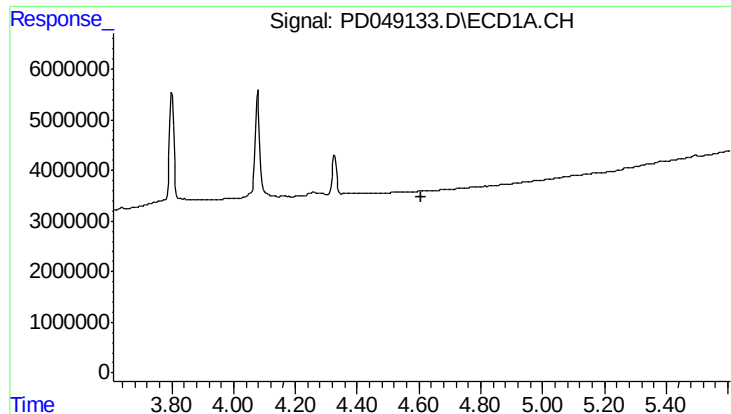
#4 Heptachlor

R.T.: 4.327 min
Delta R.T.: -0.040 min
Response: 7421331
Conc: 4.14 ng/ml



#4 Heptachlor

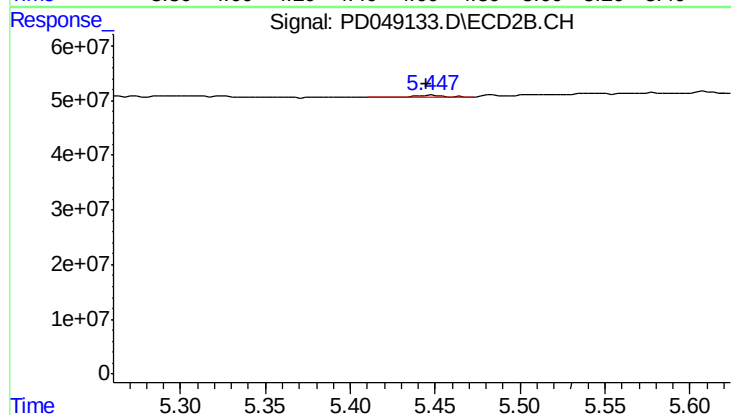
R.T.: 5.092 min
Delta R.T.: -0.049 min
Response: 8985089
Conc: 0.36 ng/ml



#5 Aldrin

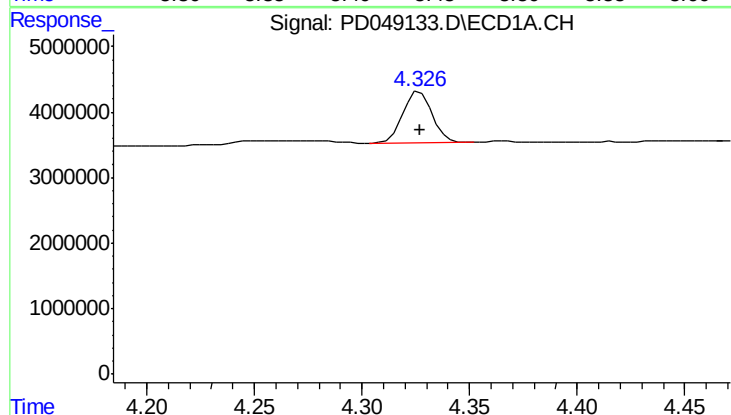
R.T.: 0.000 min
Exp R.T.: 4.609 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM45



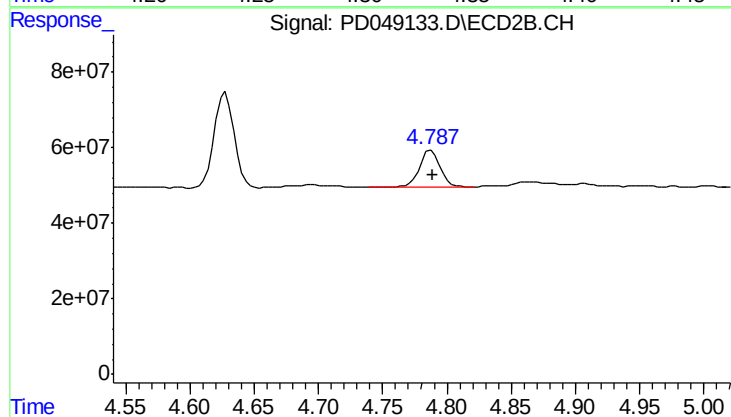
#5 Aldrin

R.T.: 5.448 min
Delta R.T.: 0.003 min
Response: 3334588
Conc: 0.13 ng/ml



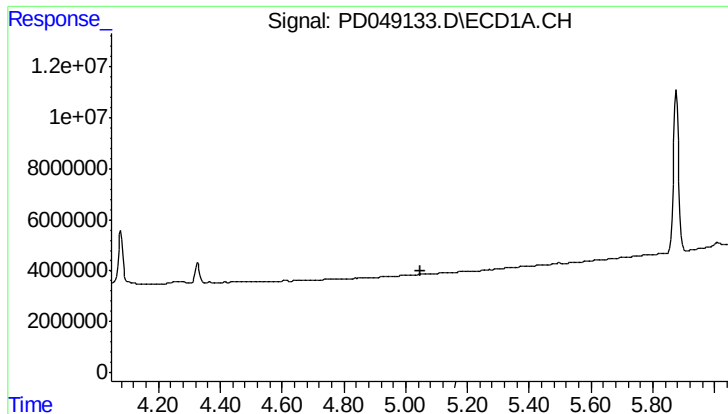
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 7421331
Conc: 9.99 ng/ml



#6 beta-BHC

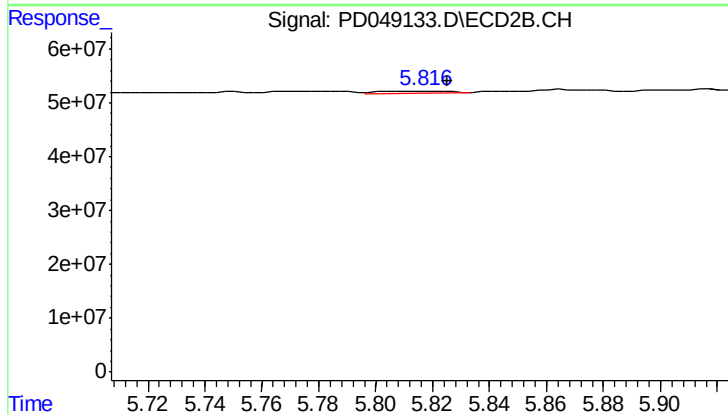
R.T.: 4.788 min
Delta R.T.: -0.001 min
Response: 111704940
Conc: 10.65 ng/ml



#8 Heptachlor epoxide

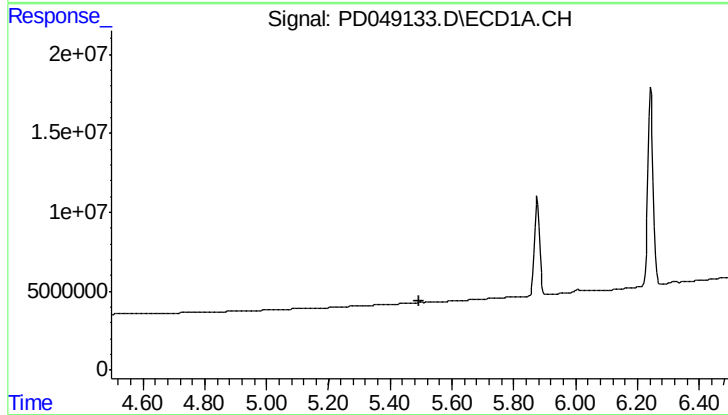
R.T.: 0.000 min
Exp R.T.: 5.048 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM45



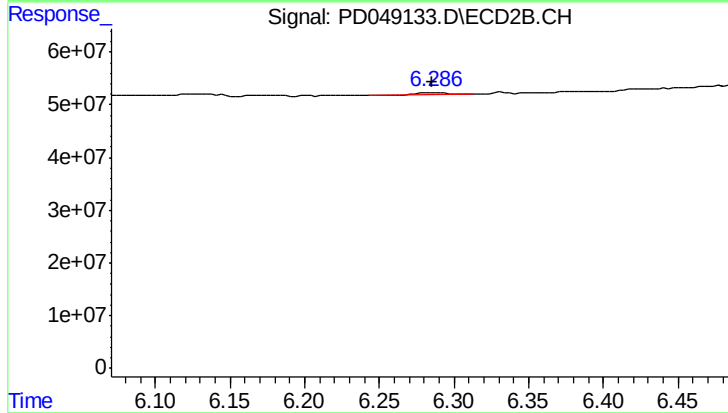
#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: -0.011 min
Response: 6031791
Conc: 0.28 ng/ml



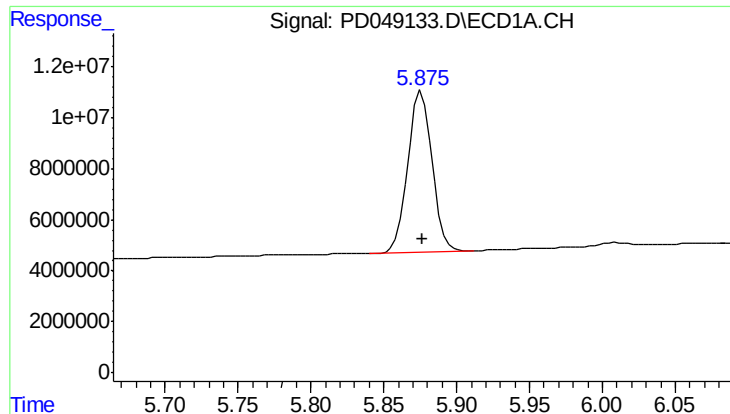
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 5.495 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

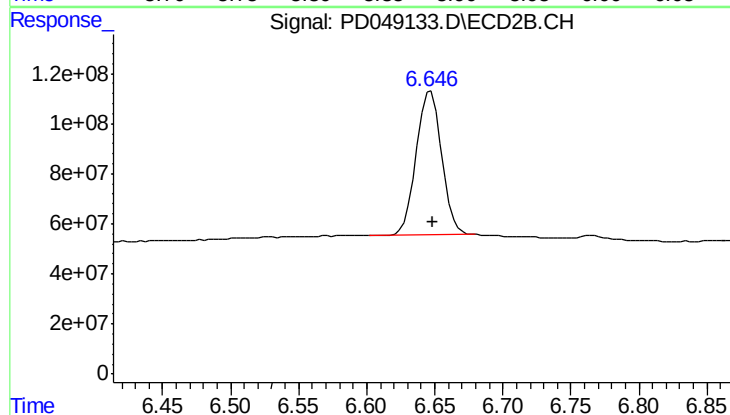
R.T.: 6.288 min
Delta R.T.: 0.003 min
Response: 6234071
Conc: 0.31 ng/ml



#14 Endrin

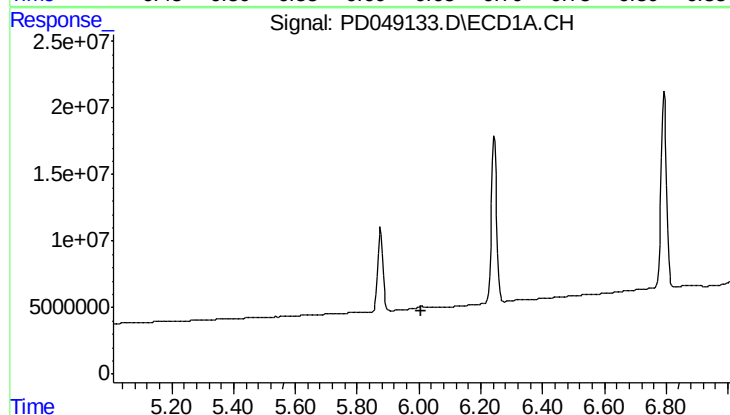
R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 72864614
Conc: 46.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM45



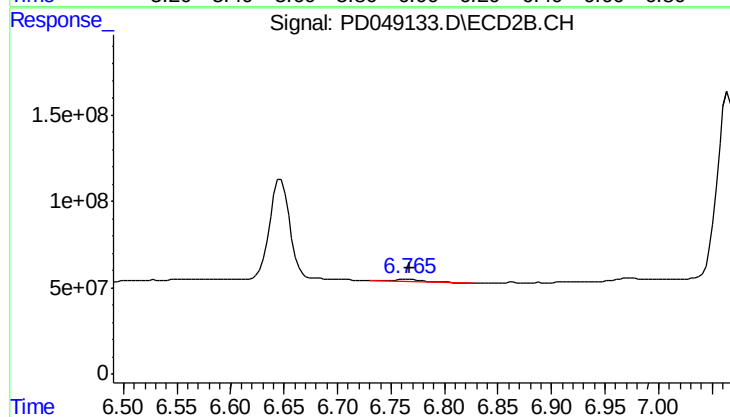
#14 Endrin

R.T.: 6.647 min
Delta R.T.: -0.001 min
Response: 743852464
Conc: 41.77 ng/ml



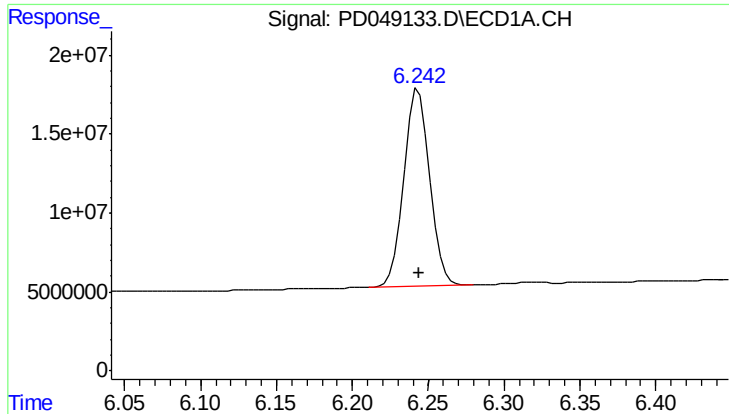
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 6.008 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

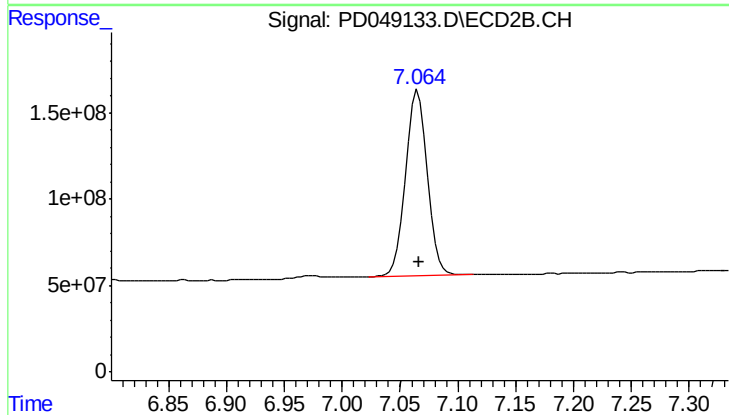
R.T.: 6.766 min
Delta R.T.: -0.001 min
Response: 16924939
Conc: 1.12 ng/ml



#17 4,4'-DDT

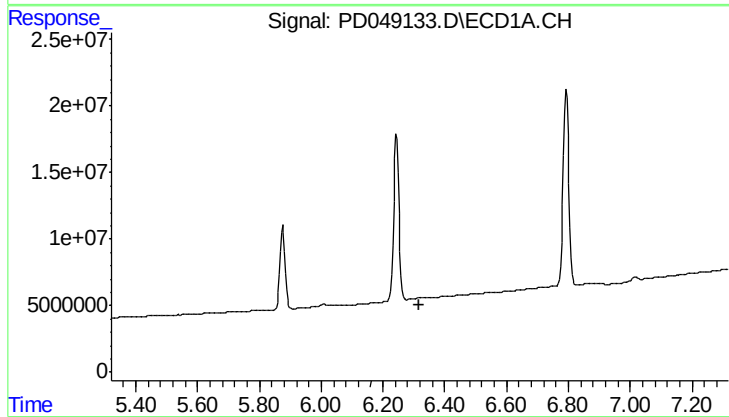
R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 145732147
Conc: 98.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM45



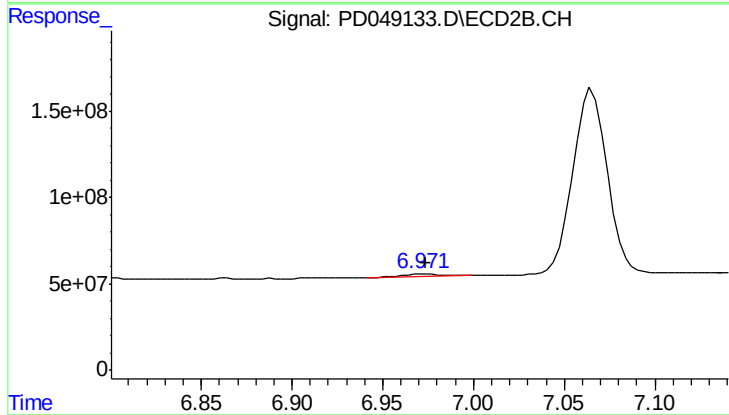
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: -0.001 min
Response: 1407279167
Conc: 87.28 ng/ml



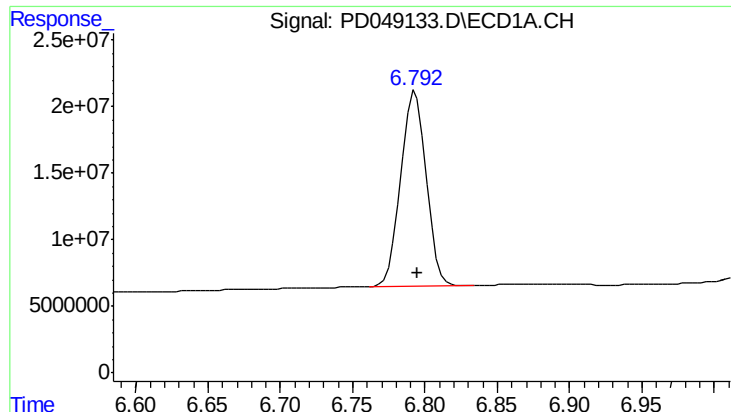
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.319 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

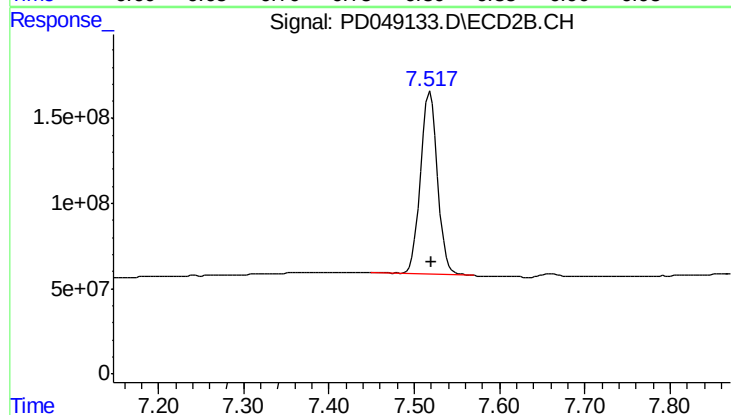
R.T.: 6.973 min
Delta R.T.: 0.000 min
Response: 20343502
Conc: 1.37 ng/ml



#20 Methoxychlor

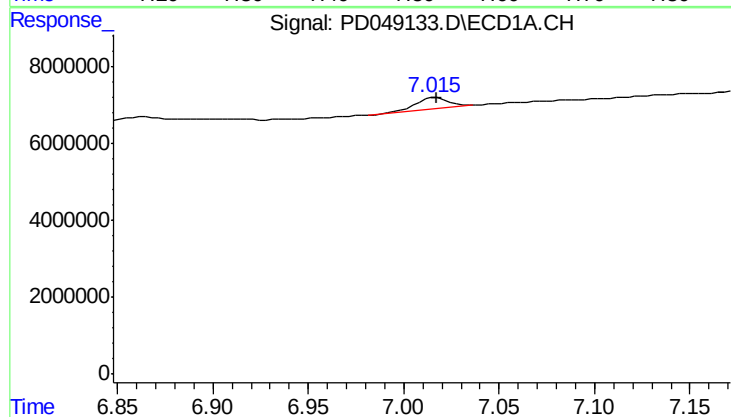
R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 179074901
Conc: 229.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM45



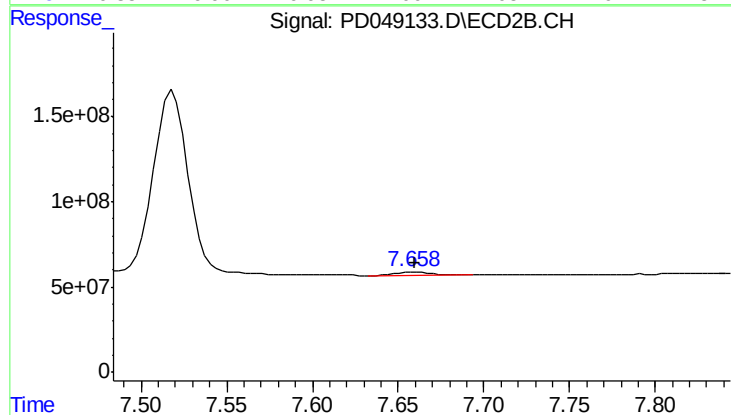
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: -0.001 min
Response: 1481719424
Conc: 216.44 ng/ml



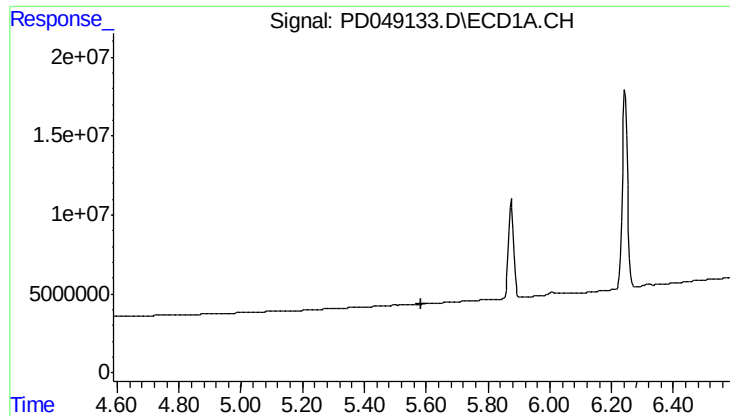
#21 Endrin ketone

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 3488706
Conc: 2.08 ng/ml



#21 Endrin ketone

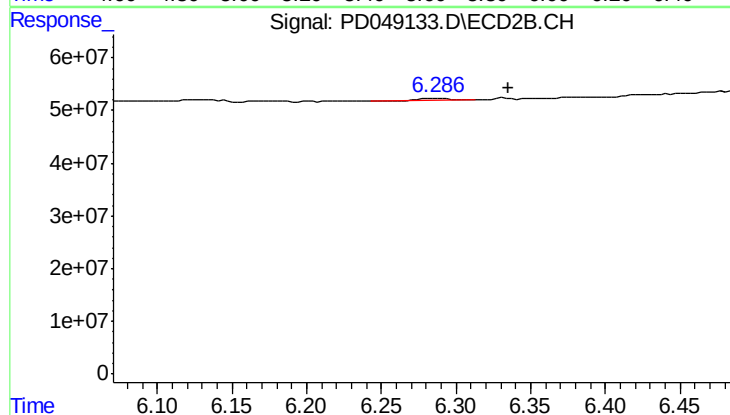
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 28208464
Conc: 1.70 ng/ml



#22 Toxaphene-1

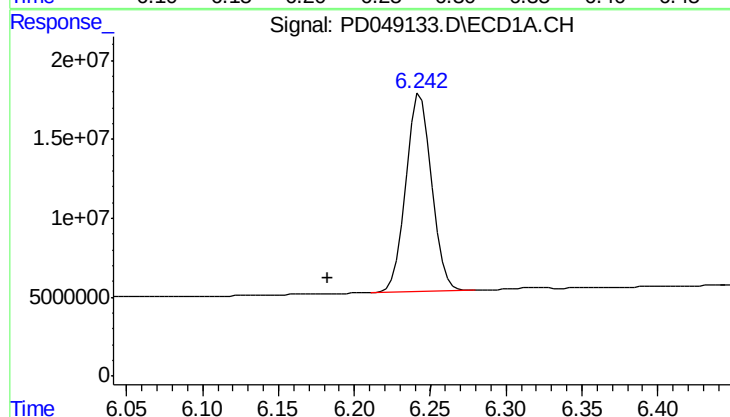
R.T.: 0.000 min
Exp R.T.: 5.585 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM45



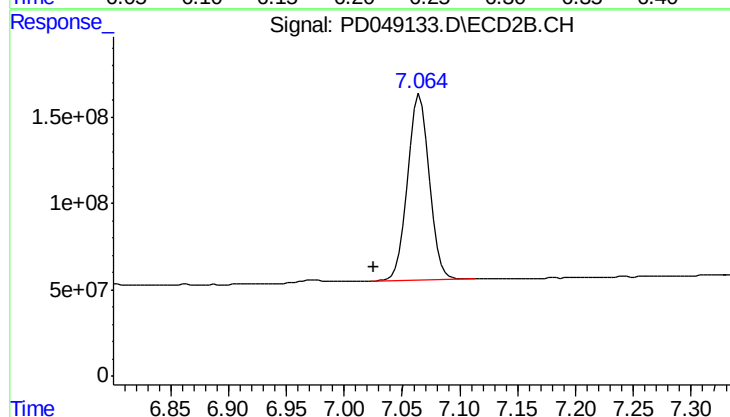
#22 Toxaphene-1

R.T.: 6.288 min
Delta R.T.: -0.047 min
Response: 6234071
Conc: 63.38 ng/ml



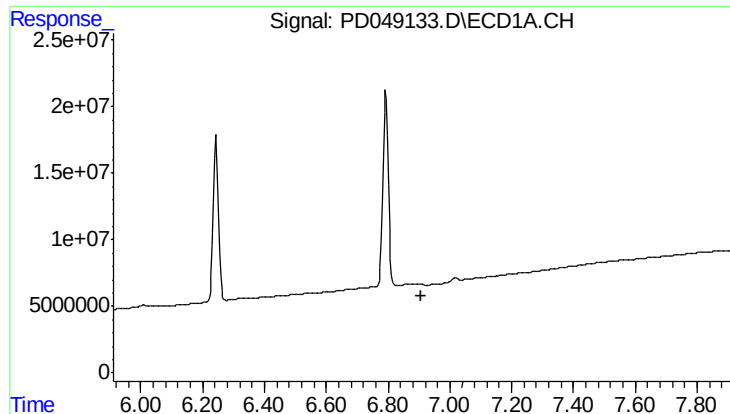
#24 Toxaphene-3

R.T.: 6.244 min
Delta R.T.: 0.061 min
Response: 145732147
Conc: 5541.13 ng/ml



#24 Toxaphene-3

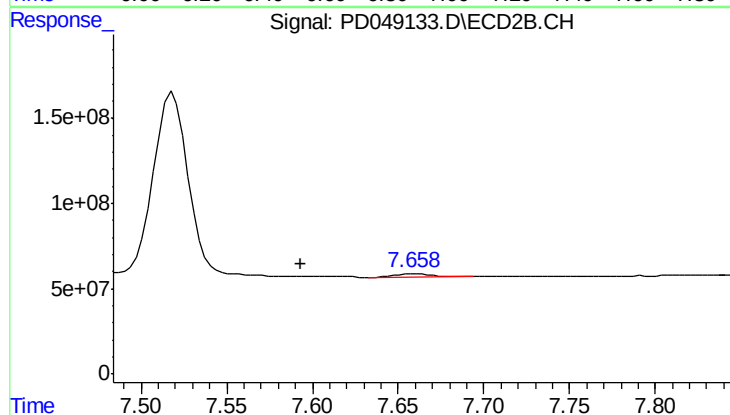
R.T.: 7.065 min
Delta R.T.: 0.040 min
Response: 1407279167
Conc: 7619.76 ng/ml



#26 Toxaphene-5

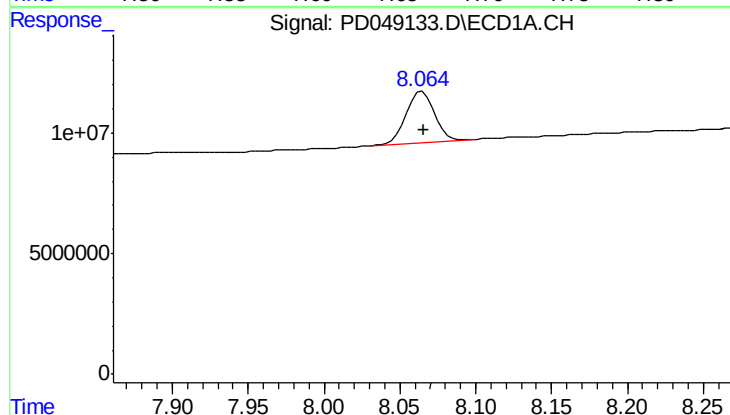
R.T.: 0.000 min
Exp R.T.: 6.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM45



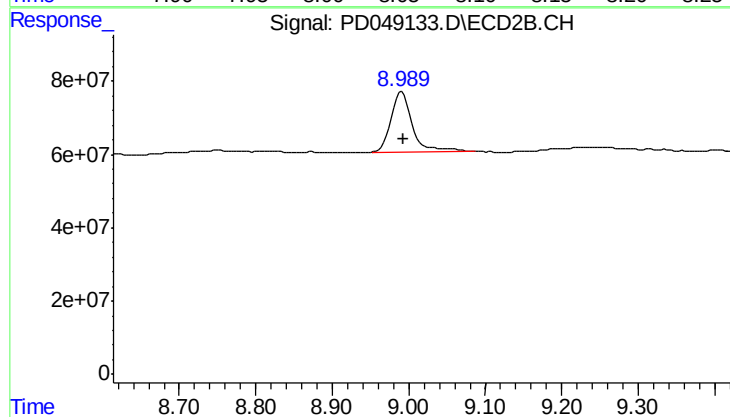
#26 Toxaphene-5

R.T.: 7.659 min
Delta R.T.: 0.066 min
Response: 28208464
Conc: 144.99 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.001 min
Response: 27799600
Conc: 19.31 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.991 min
Delta R.T.: -0.002 min
Response: 317171400
Conc: 19.59 ng/ml