

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061918\
 Data File : PD048164.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Jun 2018 11:25
 Operator : UA/AJ
 Sample : PEM04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM04

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 05:47:39 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD060818CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 09 01:14:15 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...	3.422	4.040	24114491	378.1E6	20.465	18.811
27)	SA Decachlor...	8.138	9.111	26033843	370.5E6	19.363	18.600
Target Compounds							
2)	A alpha-BHC	3.858	4.425	18914435	310.6E6	10.287	10.775
3)	MA gamma-BHC...	4.139	4.709	19727344	226.3E6	10.912	8.107 #
4)	MA Heptachlor	4.386f	0.000	7704057	0	4.437	N.D. #
6)	B beta-BHC	4.386	4.868	7704057	131.0E6	10.409	10.548
7)	B delta-BHC	0.000	5.082	0	32250110	N.D.	1.311
14)	MA Endrin	5.948	6.744	69781788	866.9E6	48.027	44.263
15)	B Endosulfa...	6.252	0.000	165418	0	0.112	N.D. #
16)	A 4,4'-DDD	0.000	6.859	0	29841949	N.D.	1.510
17)	MA 4,4'-DDT	6.314	7.159	143.1E6	1750.0E6	102.022	90.626
18)	B Endrin al...	6.390	0.000	1004710	0	0.834	N.D. #
20)	A Methoxychlor	6.863	7.612	173.7E6	1928.6E6	233.873	221.741
21)	B Endrin ke...	7.091	7.759	4296586	37494439	2.608	1.867 #
23)	Toxaphene-2	6.252	6.744	165418	866.9E6	6.581	6743.244 #
24)	Toxaphene-3	0.000	7.159	0	1750.0E6	N.D.	3350.338
25)	Toxaphene-4	6.863	0.000	173.7E6	0	7524.745	N.D. #
26)	Toxaphene-5	0.000	7.759	0	37494439	N.D.	175.949

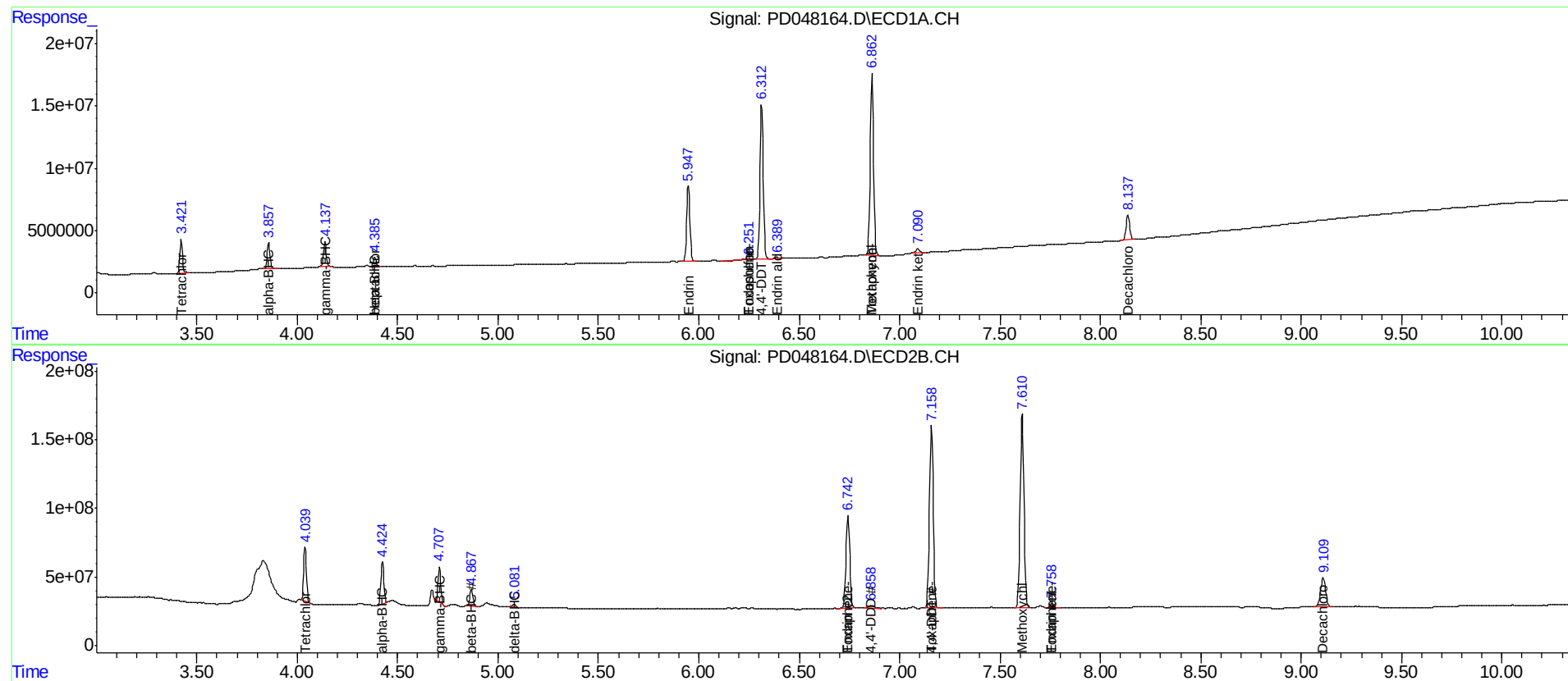
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

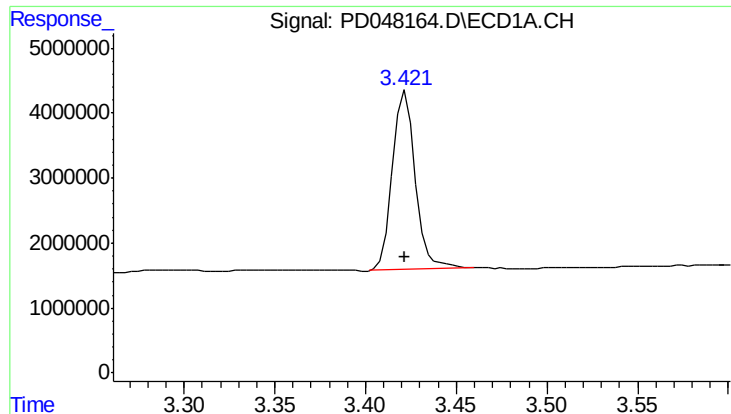
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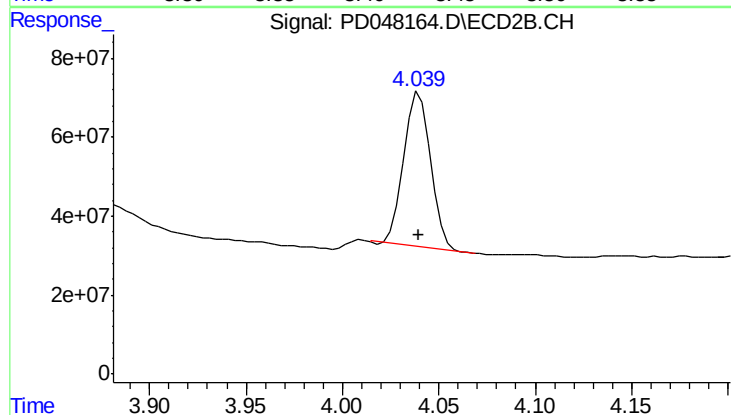




#1 Tetrachloro-m-xylene

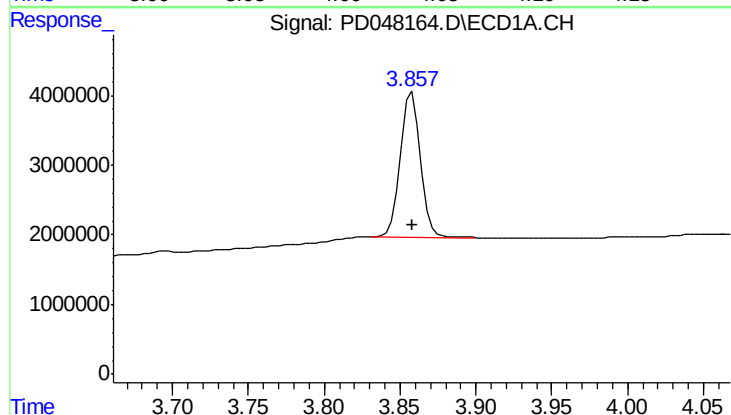
R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 24114491
Conc: 20.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM04



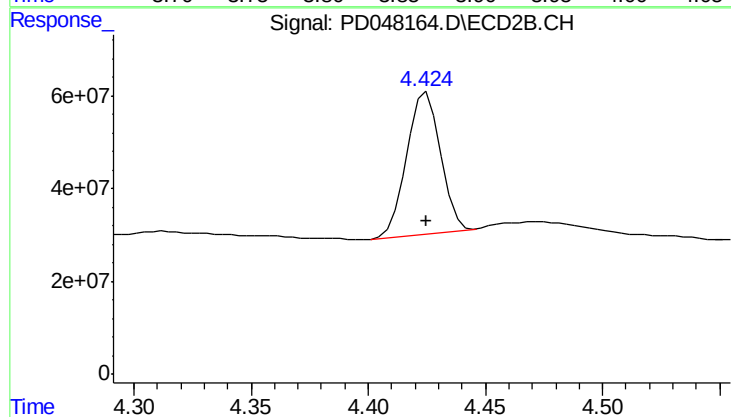
#1 Tetrachloro-m-xylene

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 378103448
Conc: 18.81 ng/ml



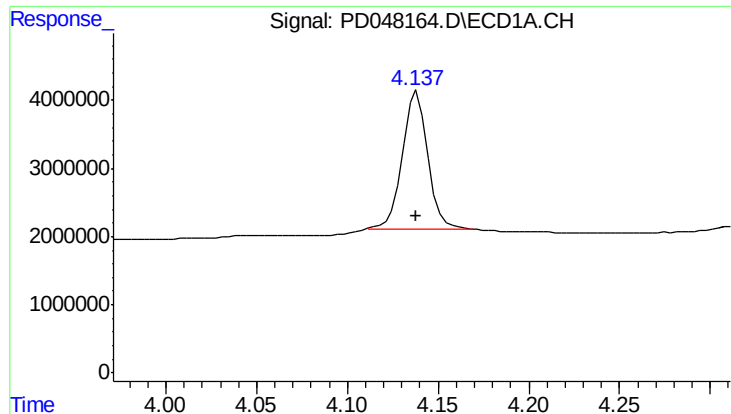
#2 alpha-BHC

R.T.: 3.858 min
Delta R.T.: 0.000 min
Response: 18914435
Conc: 10.29 ng/ml



#2 alpha-BHC

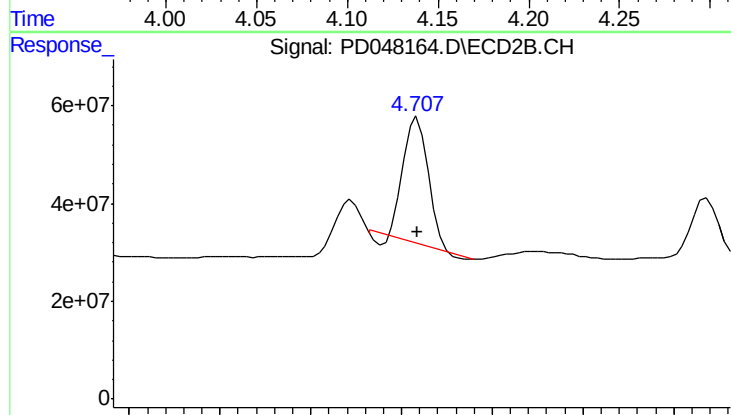
R.T.: 4.425 min
Delta R.T.: 0.000 min
Response: 310566437
Conc: 10.77 ng/ml



#3 gamma-BHC (Lindane)

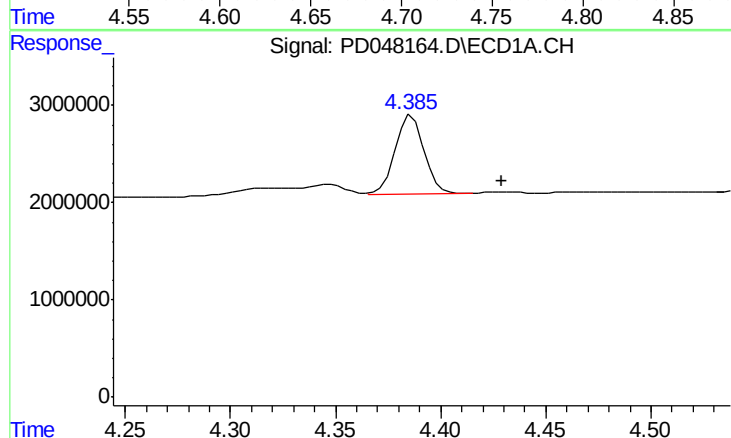
R.T.: 4.139 min
Delta R.T.: 0.000 min
Response: 19727344
Conc: 10.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM04



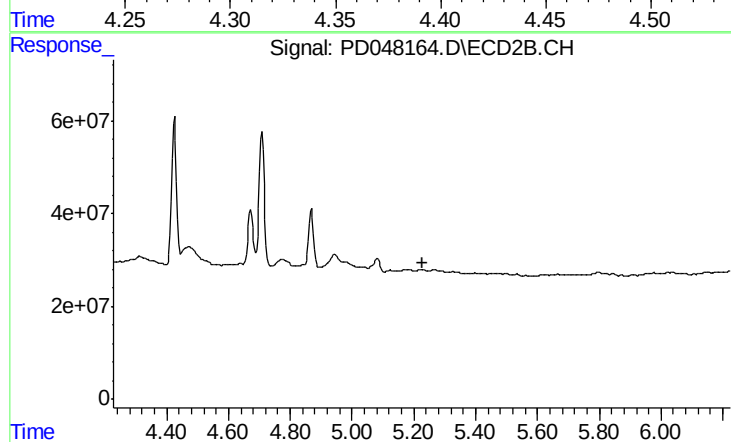
#3 gamma-BHC (Lindane)

R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 226321063
Conc: 8.11 ng/ml



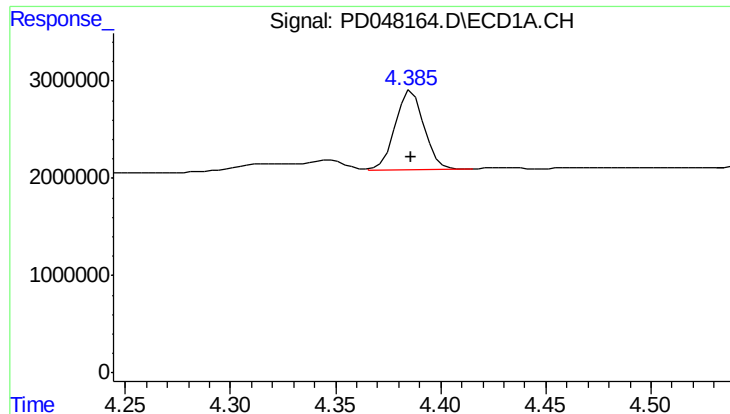
#4 Heptachlor

R.T.: 4.386 min
Delta R.T.: -0.042 min
Response: 7704057
Conc: 4.44 ng/ml



#4 Heptachlor

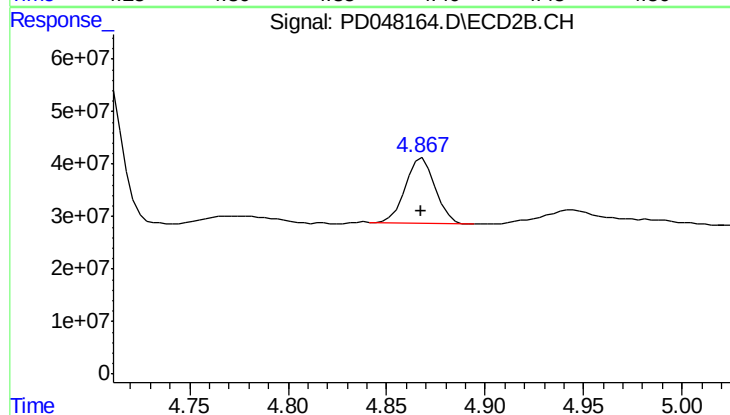
R.T.: 0.000 min
Exp R.T.: 5.226 min
Response: 0
Conc: N.D.



#6 beta-BHC

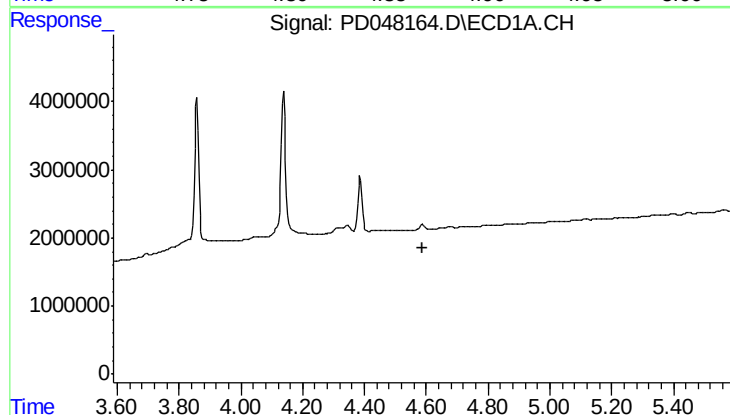
R.T.: 4.386 min
Delta R.T.: 0.000 min
Response: 7704057
Conc: 10.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM04



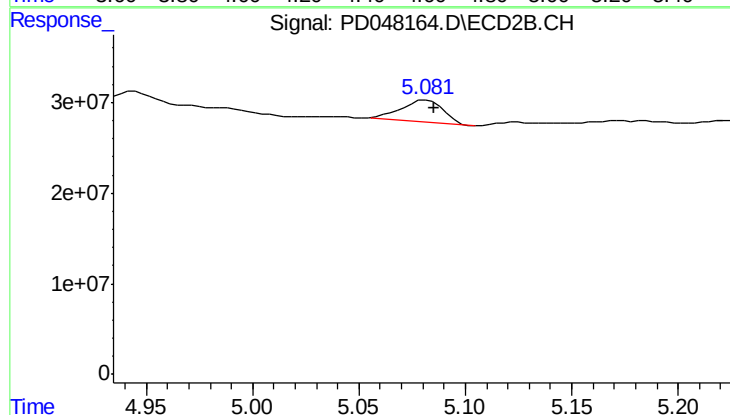
#6 beta-BHC

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 130960288
Conc: 10.55 ng/ml



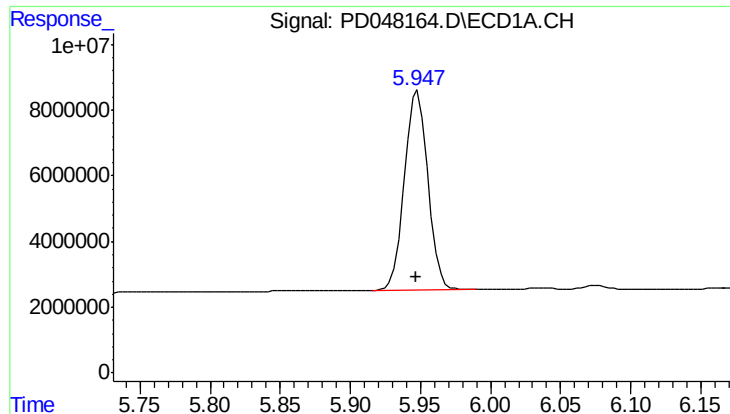
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.587 min
Response: 0
Conc: N.D.



#7 delta-BHC

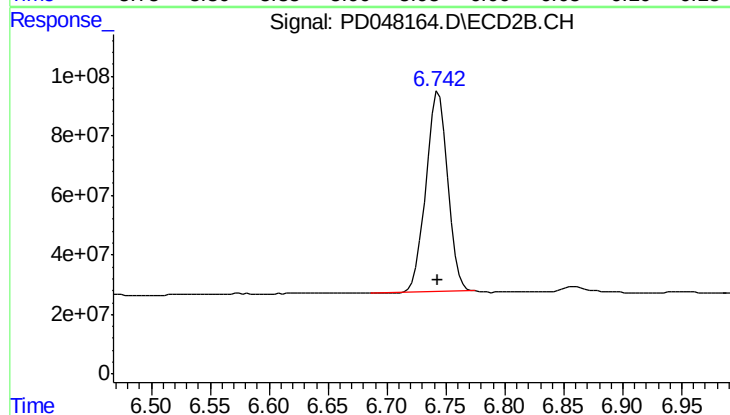
R.T.: 5.082 min
Delta R.T.: -0.003 min
Response: 32250110
Conc: 1.31 ng/ml



#14 Endrin

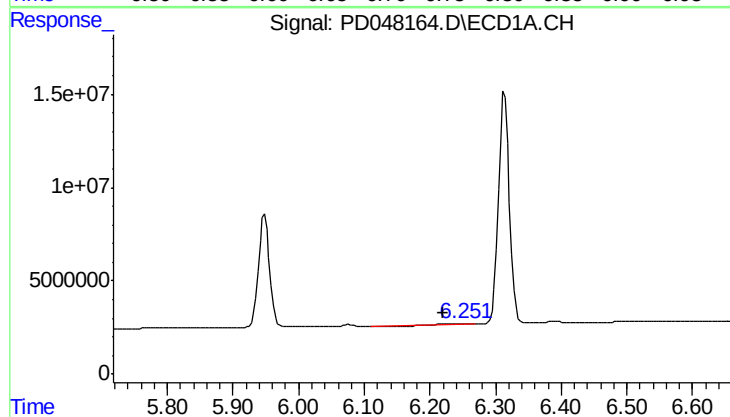
R.T.: 5.948 min
Delta R.T.: 0.001 min
Response: 69781788
Conc: 48.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM04



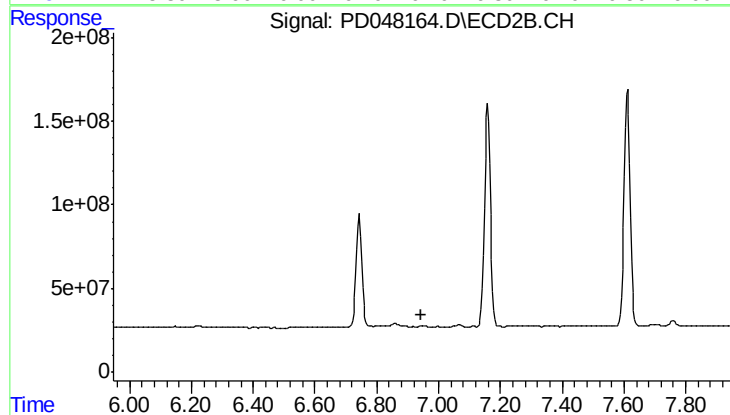
#14 Endrin

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 866851568
Conc: 44.26 ng/ml



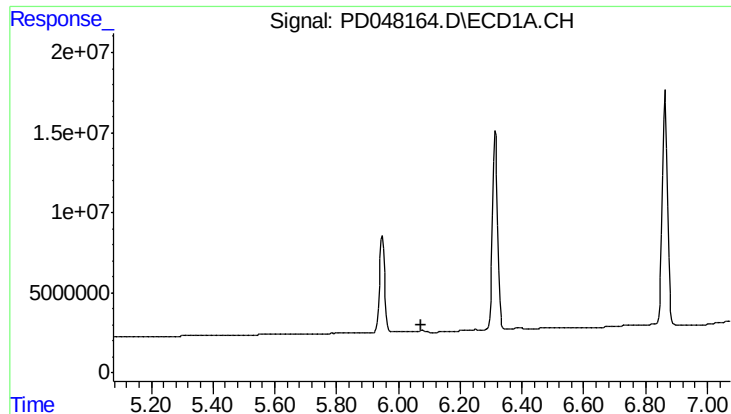
#15 Endosulfan II

R.T.: 6.252 min
Delta R.T.: 0.032 min
Response: 165418
Conc: 0.11 ng/ml



#15 Endosulfan II

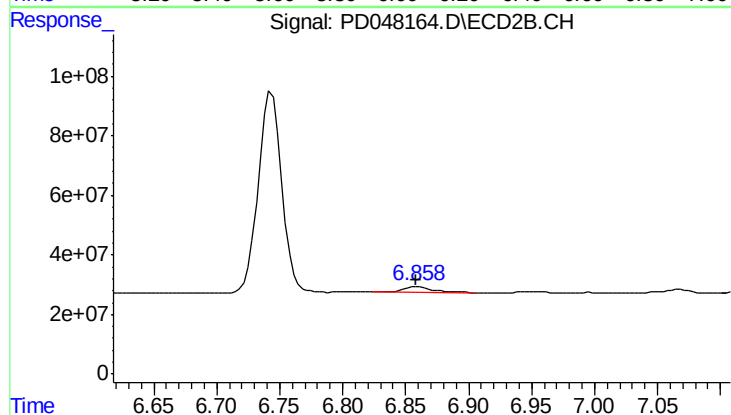
R.T.: 0.000 min
Exp R.T.: 6.945 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

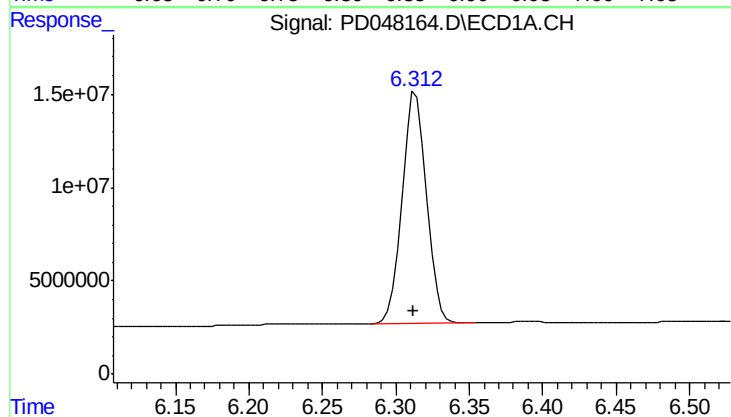
R.T.: 0.000 min
Exp R.T.: 6.075 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM04



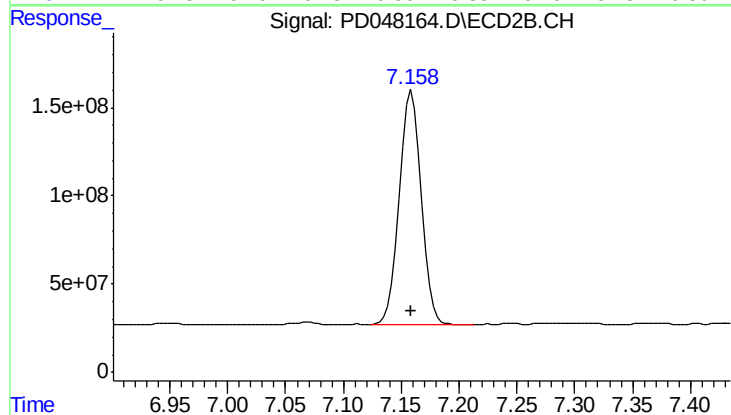
#16 4,4'-DDD

R.T.: 6.859 min
Delta R.T.: 0.001 min
Response: 29841949
Conc: 1.51 ng/ml



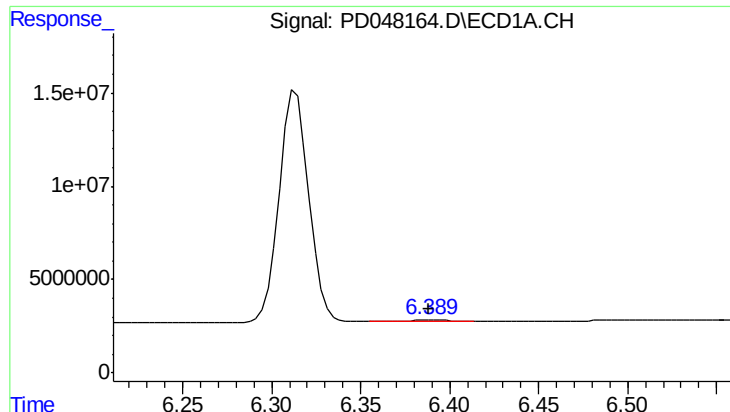
#17 4,4'-DDT

R.T.: 6.314 min
Delta R.T.: 0.001 min
Response: 143121460
Conc: 102.02 ng/ml



#17 4,4'-DDT

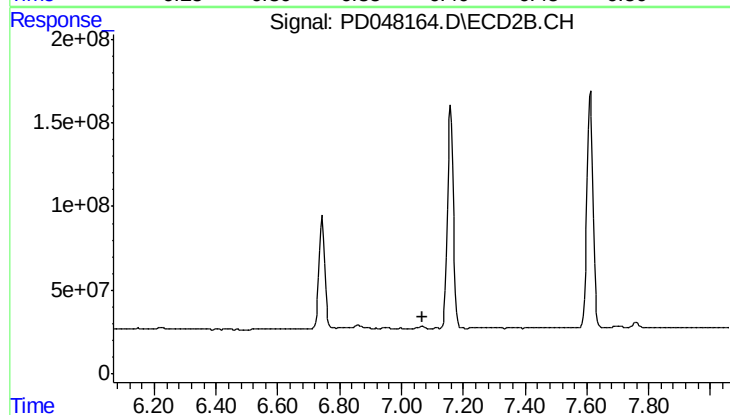
R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 1750031255
Conc: 90.63 ng/ml



#18 Endrin aldehyde

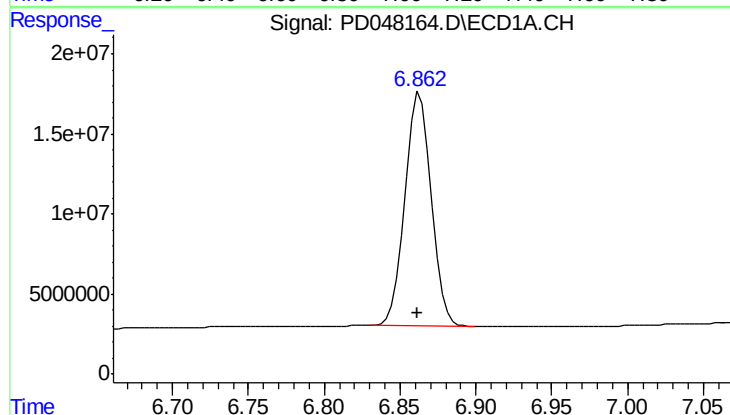
R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 1004710
Conc: 0.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM04



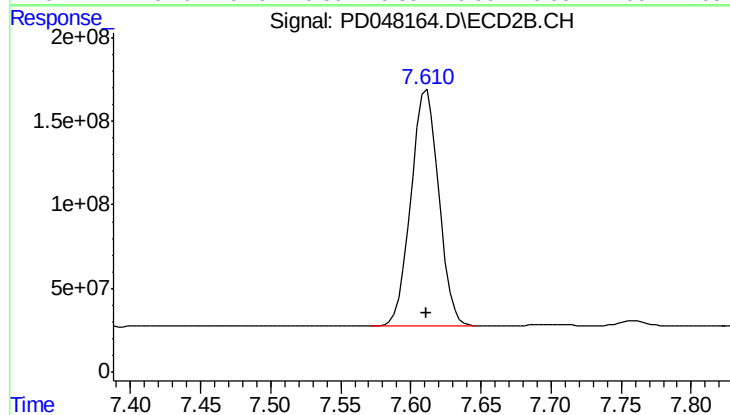
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 7.067 min
Response: 0
Conc: N.D.



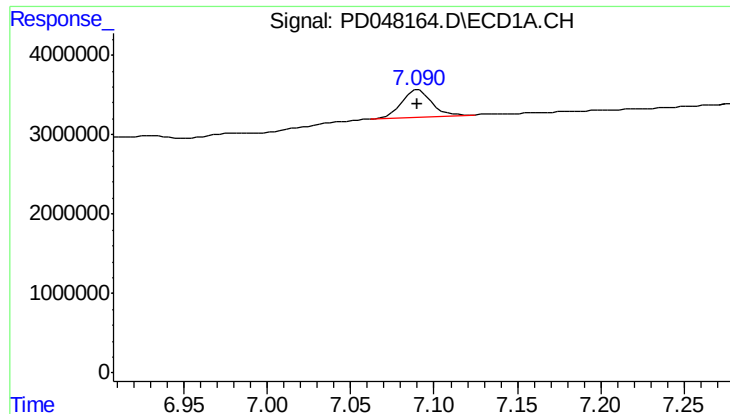
#20 Methoxychlor

R.T.: 6.863 min
Delta R.T.: 0.002 min
Response: 173664118
Conc: 233.87 ng/ml



#20 Methoxychlor

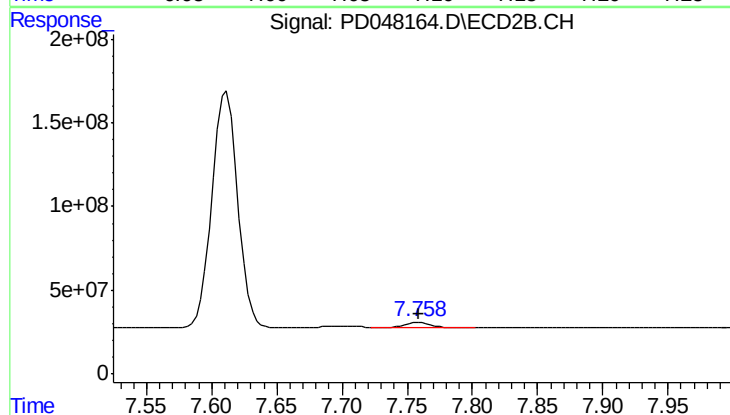
R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 1928627844
Conc: 221.74 ng/ml



#21 Endrin ketone

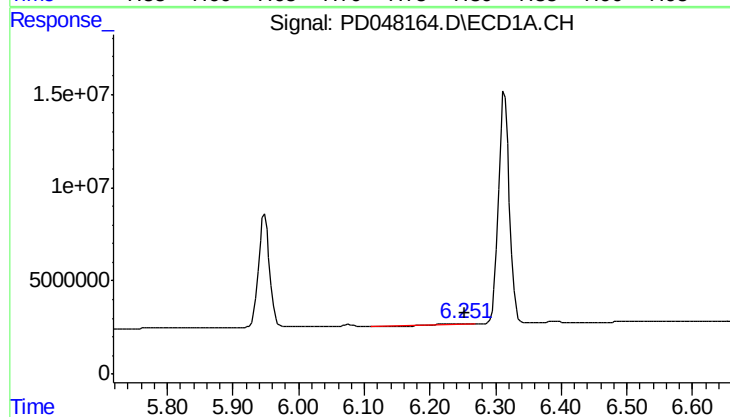
R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 4296586
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM04



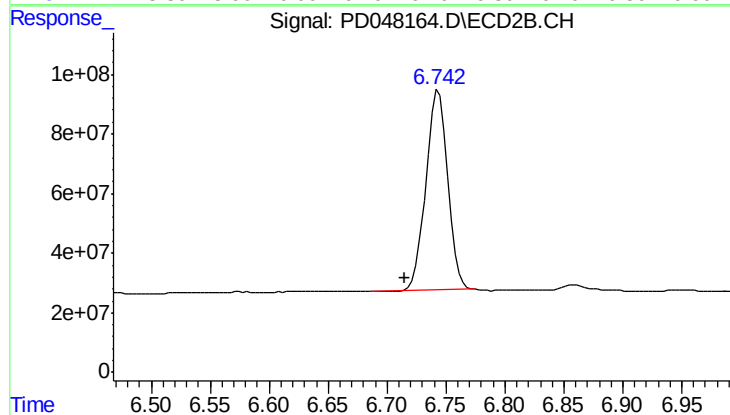
#21 Endrin ketone

R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 37494439
Conc: 1.87 ng/ml



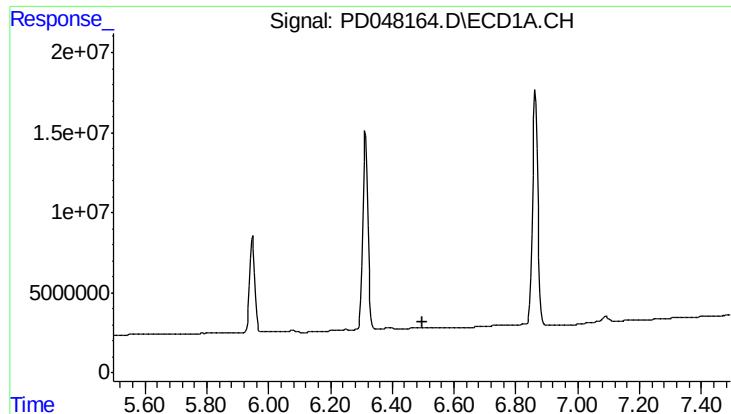
#23 Toxaphene-2

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 165418
Conc: 6.58 ng/ml



#23 Toxaphene-2

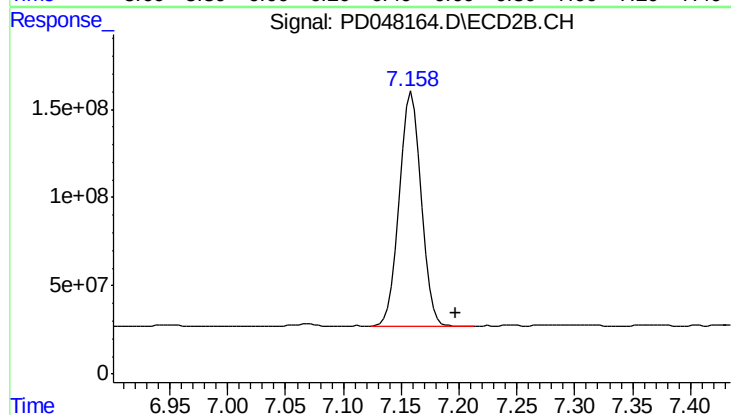
R.T.: 6.744 min
Delta R.T.: 0.028 min
Response: 866851568
Conc: 6743.24 ng/ml



#24 Toxaphene-3

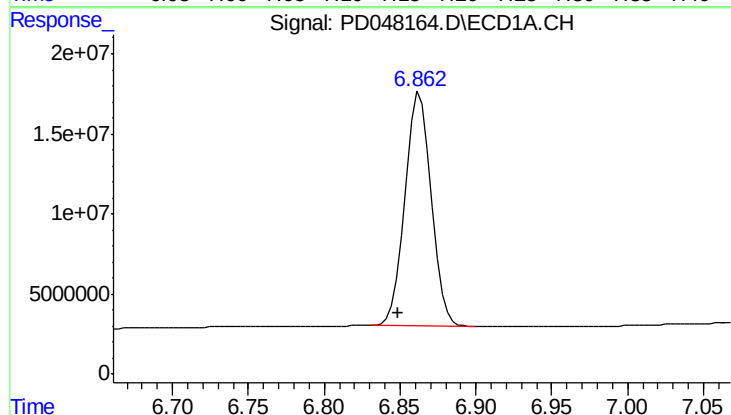
R.T.: 0.000 min
Exp R.T.: 6.498 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM04



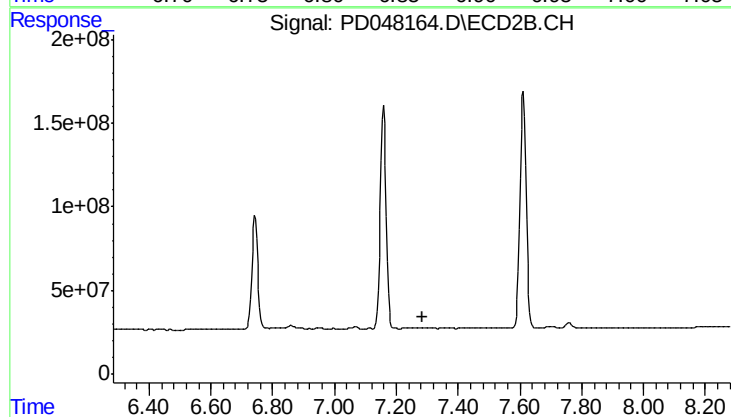
#24 Toxaphene-3

R.T.: 7.159 min
Delta R.T.: -0.038 min
Response: 1750031255
Conc: 3350.34 ng/ml



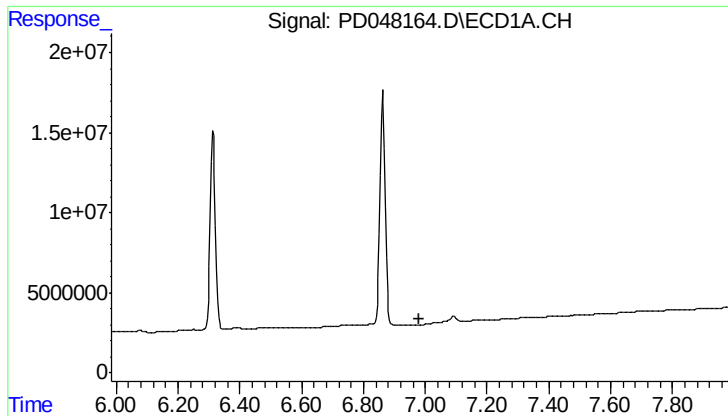
#25 Toxaphene-4

R.T.: 6.863 min
Delta R.T.: 0.014 min
Response: 173664118
Conc: 7524.74 ng/ml



#25 Toxaphene-4

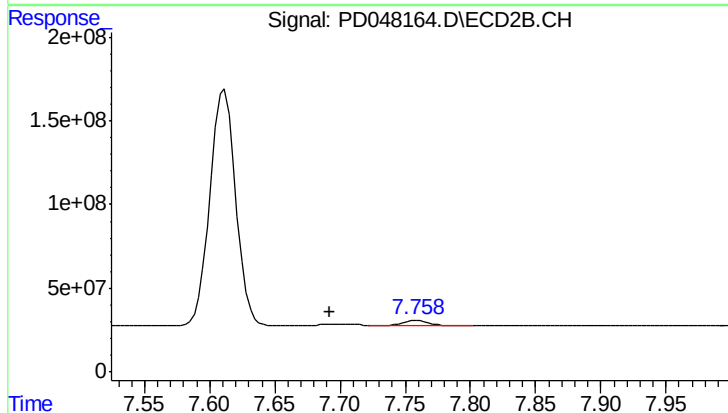
R.T.: 0.000 min
Exp R.T.: 7.284 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

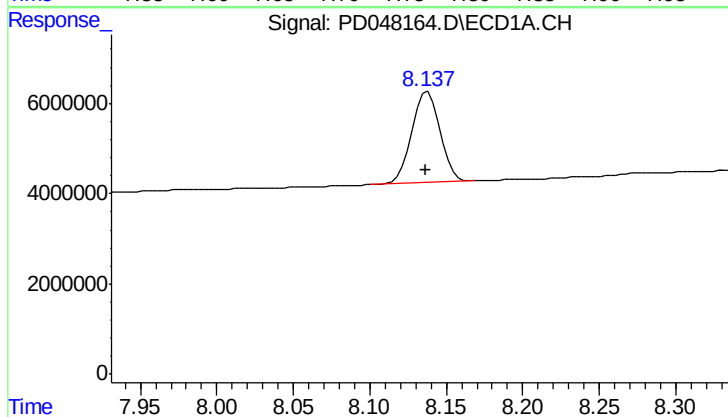
R.T.: 0.000 min
Exp R.T.: 6.981 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM04



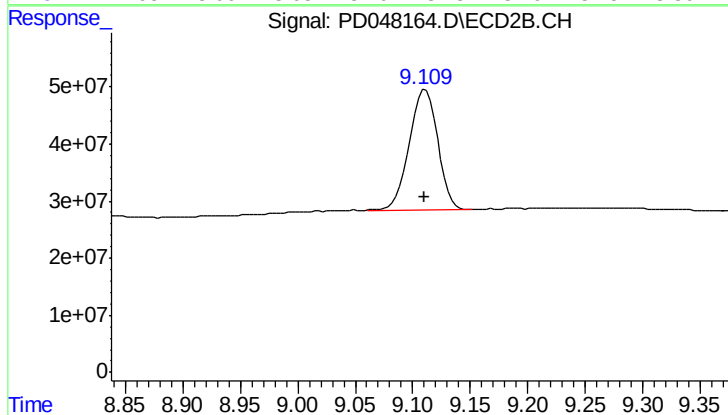
#26 Toxaphene-5

R.T.: 7.759 min
Delta R.T.: 0.067 min
Response: 37494439
Conc: 175.95 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.138 min
Delta R.T.: 0.002 min
Response: 26033843
Conc: 19.36 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 370478457
Conc: 18.60 ng/ml