

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071118\
 Data File : PD048349.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Jul 2018 10:59
 Operator : AJ\MA
 Sample : PEM15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM16

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 09:07:04 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...	3.393	4.006	23075258	368.6E6	19.096	18.107
27)	SA Decachlor...	8.084	9.051	28280859	398.6E6	21.155	22.493
Target Compounds							
2)	A alpha-BHC	3.825	4.389	18425681	317.1E6	9.684	9.866
3)	MA gamma-BHC...	4.103	4.671	18408773	287.5E6	9.817	9.911
4)	MA Heptachlor	4.350f	0.000	7385045	0	4.174	N.D. #
6)	B beta-BHC	4.350	4.830	7385045	120.4E6	9.877	9.361
9)	A Endosulfan I	0.000	6.192f	0	4565279	N.D.	0.194
11)	B cis-Chlor...	0.000	6.174	0	5987813	N.D.	0.237
12)	B 4,4'-DDE	0.000	6.334	0	7184016	N.D.	0.301
14)	MA Endrin	5.901	6.698	73702318	990.3E6	48.951	50.145
16)	A 4,4'-DDD	0.000	6.771f	0	9630520	N.D.	0.513
17)	MA 4,4'-DDT	6.266	7.114	145.5E6	1910.7E6	100.536	99.660
20)	A Methoxychlor	6.813	7.566	182.5E6	2105.7E6	241.251	248.668
21)	B Endrin ke...	7.040	7.710	1624907	18805355	0.947	0.984
22)	Toxaphene-1	0.000	6.334	0	7184016	N.D.	71.153
23)	Toxaphene-2	6.266	6.698	145.5E6	990.3E6	5543.902	7306.555 #
24)	Toxaphene-3	0.000	7.114	0	1910.7E6	N.D.	3737.627
25)	Toxaphene-4	6.813	0.000	182.5E6	0	7720.119	N.D. #
26)	Toxaphene-5	0.000	7.652	0	14542387	N.D.	72.483

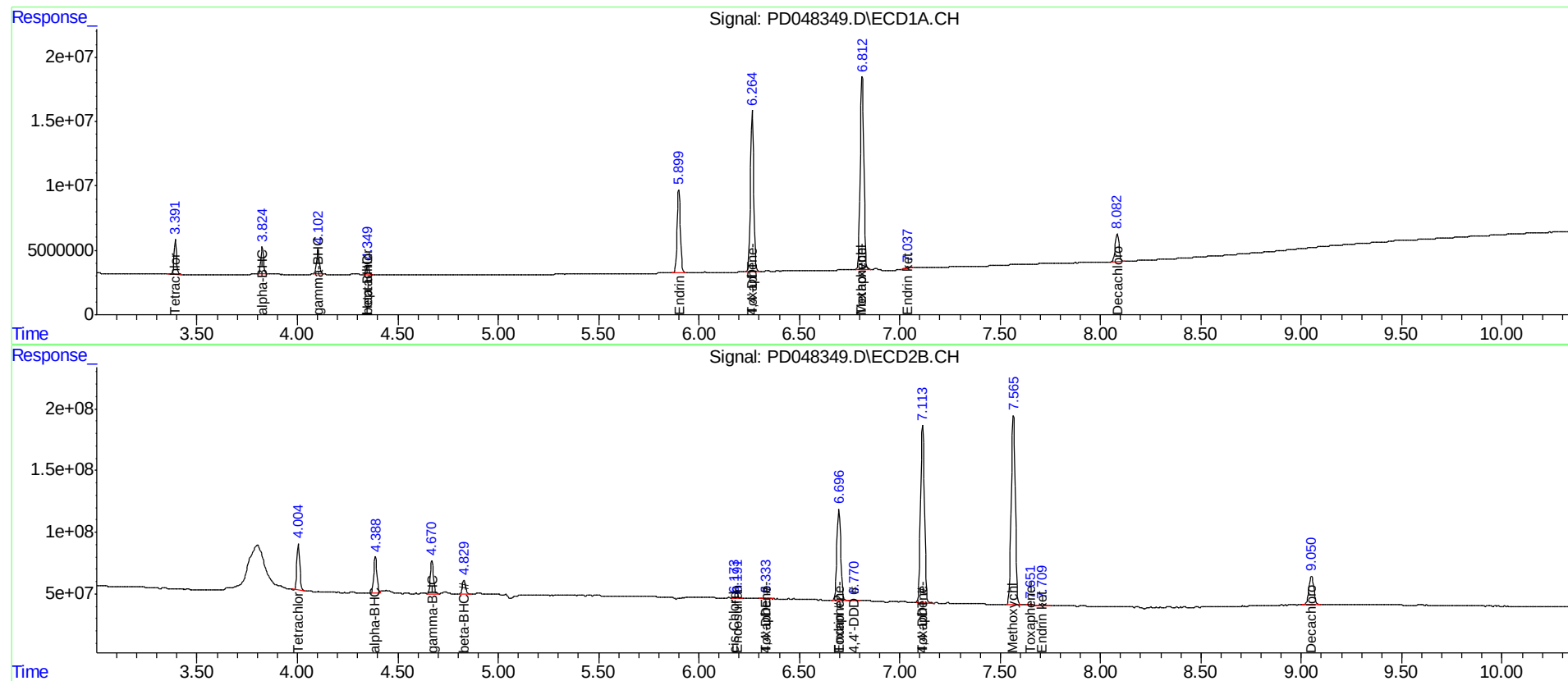
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

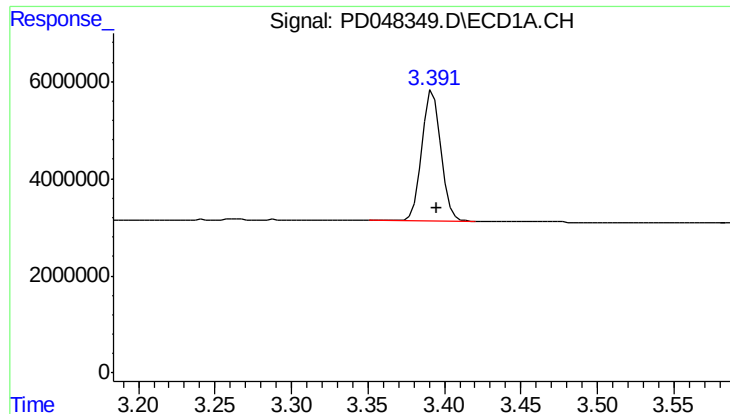
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

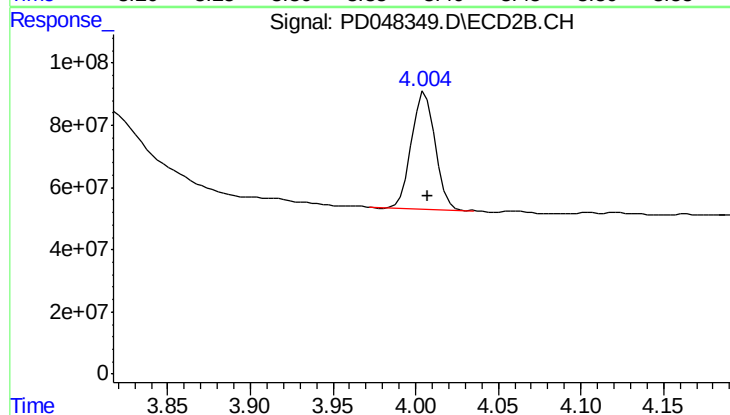




#1 Tetrachloro-m-xylene

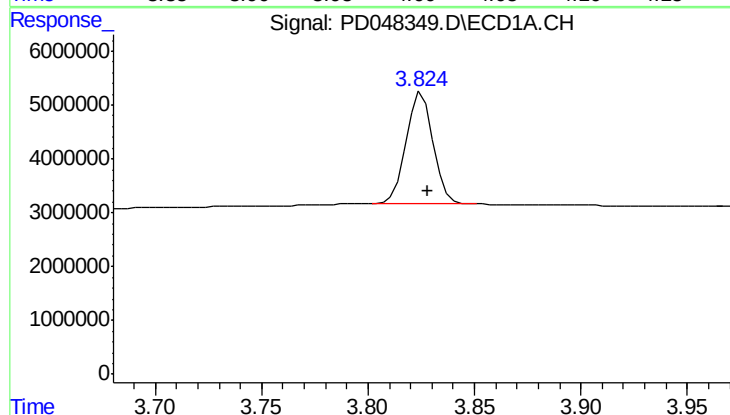
R.T.: 3.393 min
Delta R.T.: -0.002 min
Response: 23075258
Conc: 19.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM16



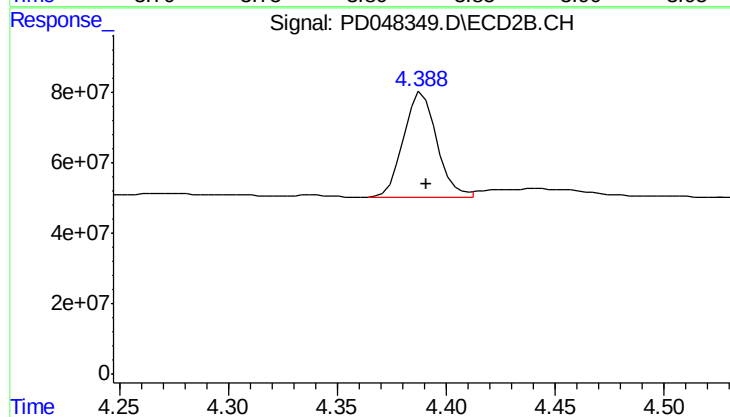
#1 Tetrachloro-m-xylene

R.T.: 4.006 min
Delta R.T.: -0.001 min
Response: 368647294
Conc: 18.11 ng/ml



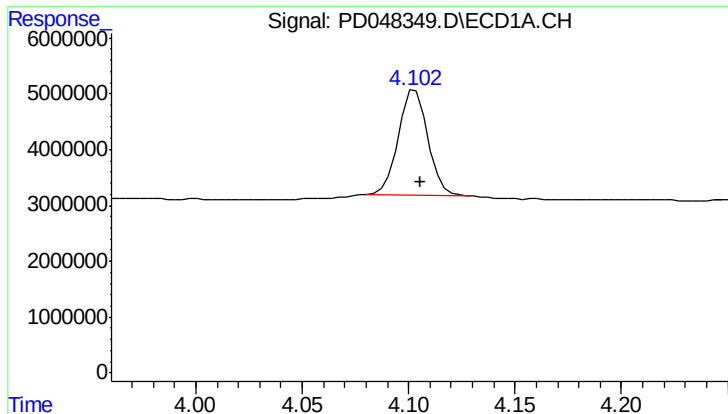
#2 alpha-BHC

R.T.: 3.825 min
Delta R.T.: -0.003 min
Response: 18425681
Conc: 9.68 ng/ml



#2 alpha-BHC

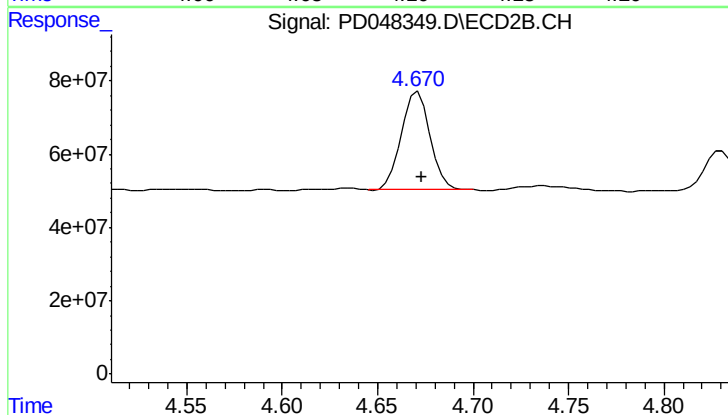
R.T.: 4.389 min
Delta R.T.: -0.002 min
Response: 317116347
Conc: 9.87 ng/ml



#3 gamma-BHC (Lindane)

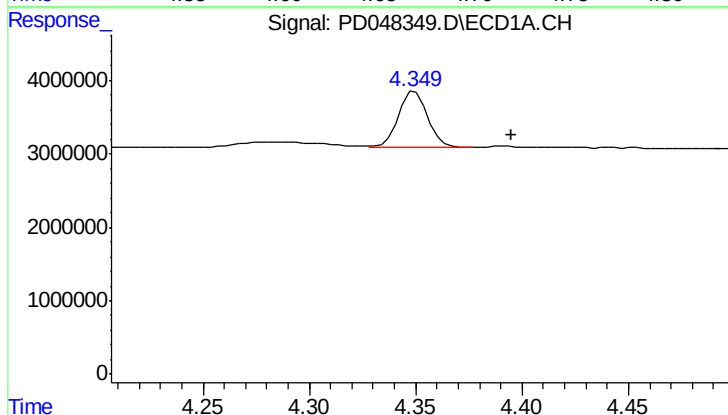
R.T.: 4.103 min
Delta R.T.: -0.003 min
Response: 18408773
Conc: 9.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM16



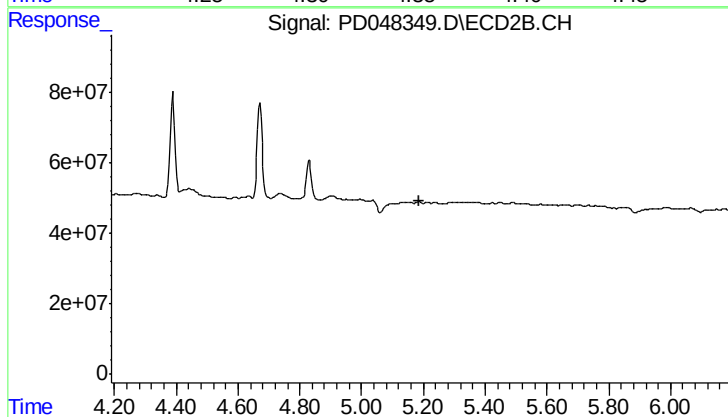
#3 gamma-BHC (Lindane)

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 287503237
Conc: 9.91 ng/ml



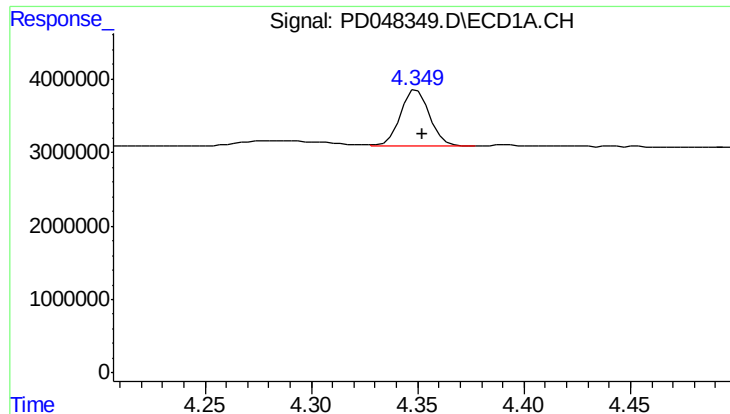
#4 Heptachlor

R.T.: 4.350 min
Delta R.T.: -0.045 min
Response: 7385045
Conc: 4.17 ng/ml



#4 Heptachlor

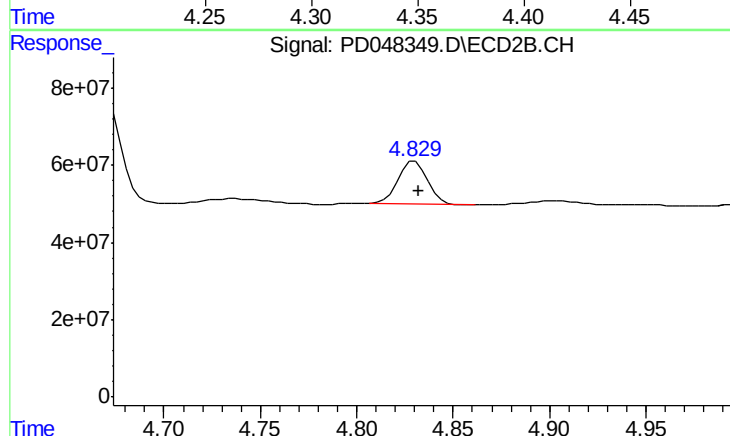
R.T.: 0.000 min
Exp R.T.: 5.188 min
Response: 0
Conc: N.D.



#6 beta-BHC

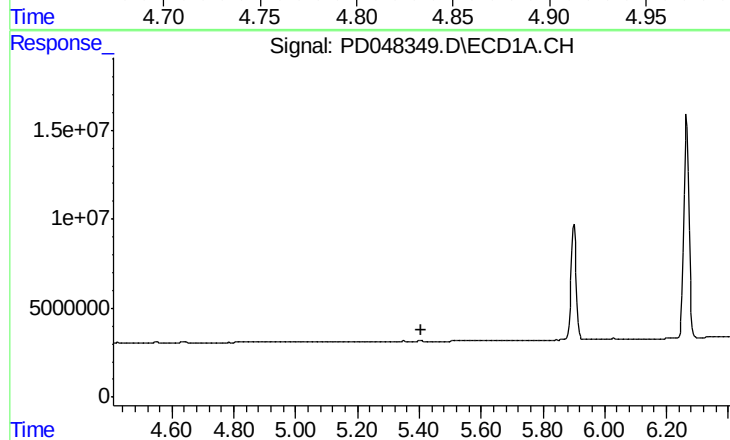
R.T.: 4.350 min
Delta R.T.: -0.002 min
Response: 7385045
Conc: 9.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM16



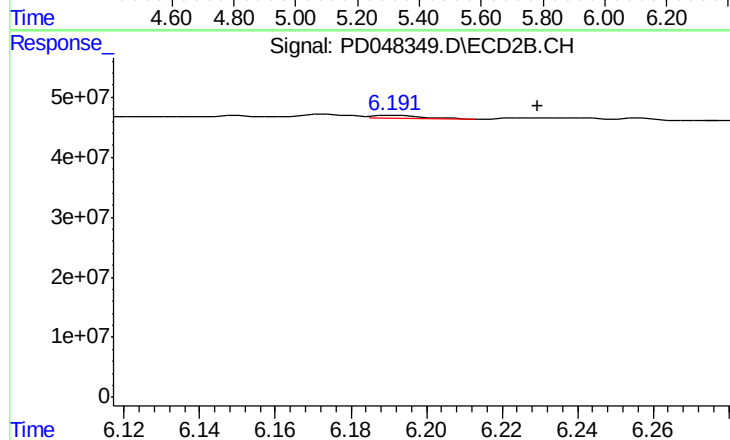
#6 beta-BHC

R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 120381598
Conc: 9.36 ng/ml



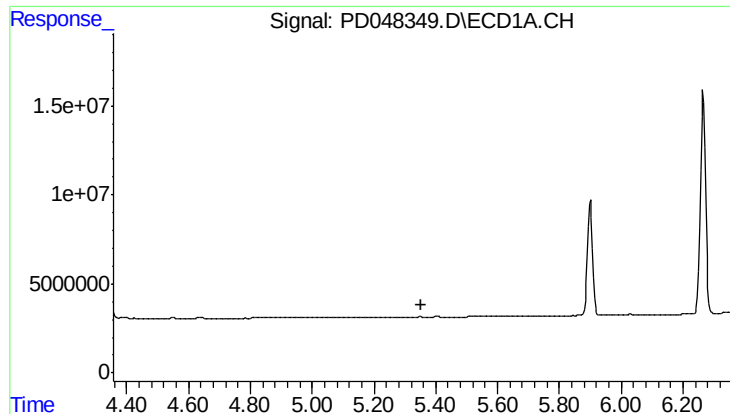
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.408 min
Response: 0
Conc: N.D.



#9 Endosulfan I

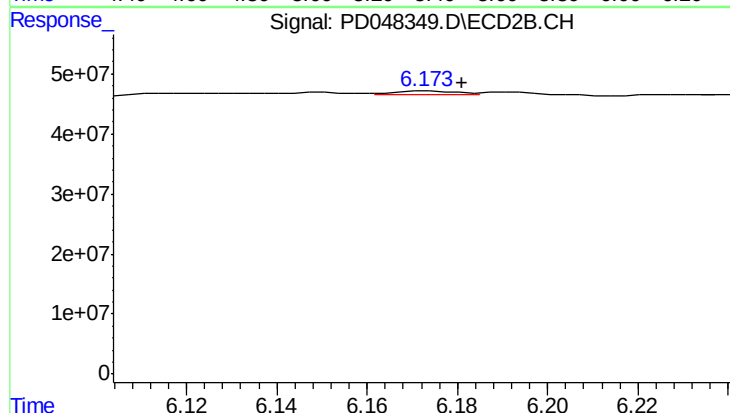
R.T.: 6.192 min
Delta R.T.: -0.038 min
Response: 4565279
Conc: 0.19 ng/ml



#11 cis-Chlordane

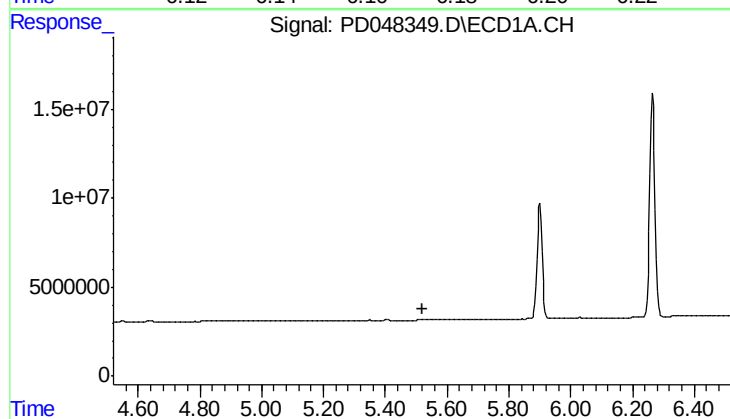
R.T.: 0.000 min
Exp R.T.: 5.354 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM16



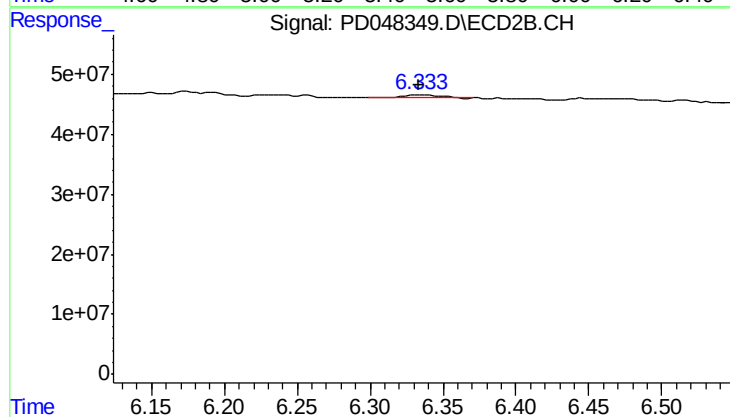
#11 cis-Chlordane

R.T.: 6.174 min
Delta R.T.: -0.007 min
Response: 5987813
Conc: 0.24 ng/ml



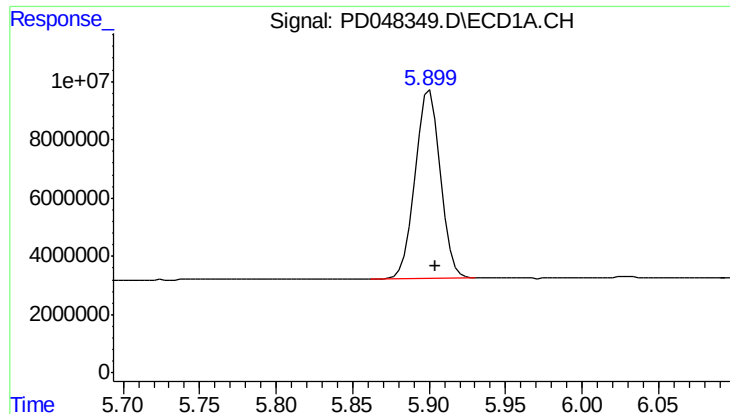
#12 4,4'-DDE

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



#12 4,4'-DDE

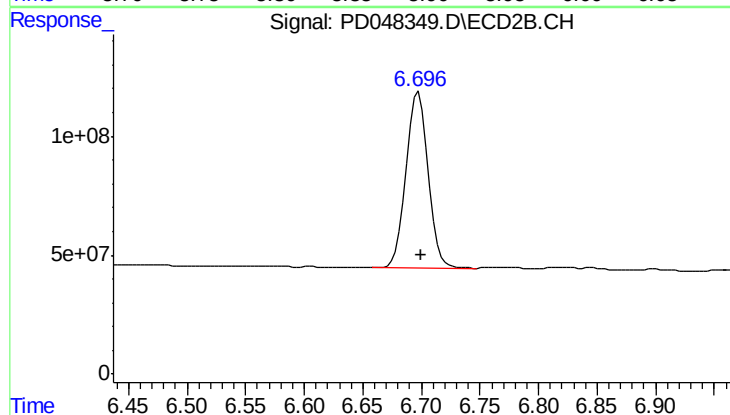
R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 7184016
Conc: 0.30 ng/ml



#14 Endrin

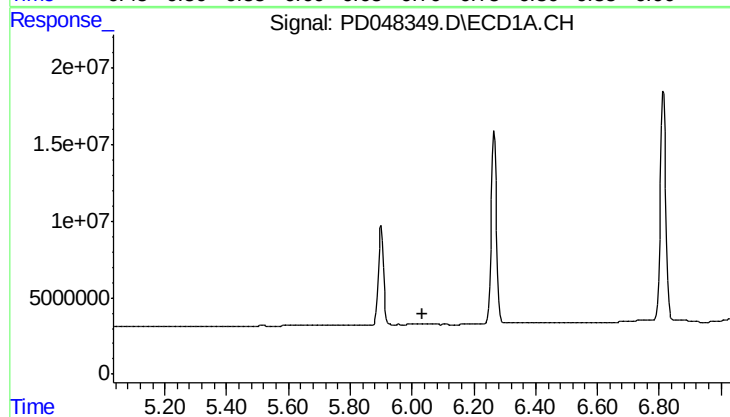
R.T.: 5.901 min
Delta R.T.: -0.003 min
Response: 73702318
Conc: 48.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM16



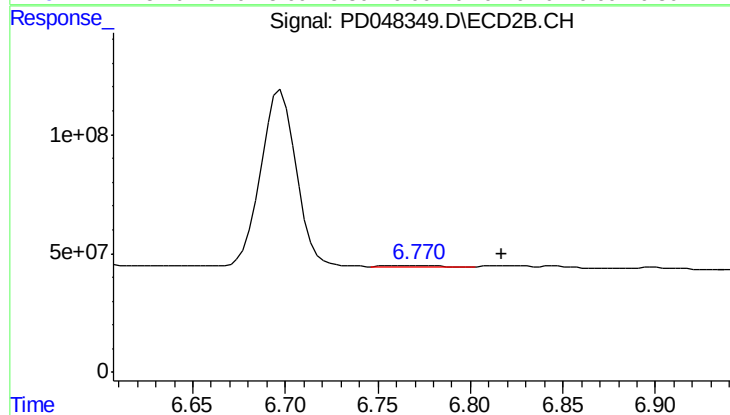
#14 Endrin

R.T.: 6.698 min
Delta R.T.: -0.003 min
Response: 990327120
Conc: 50.14 ng/ml



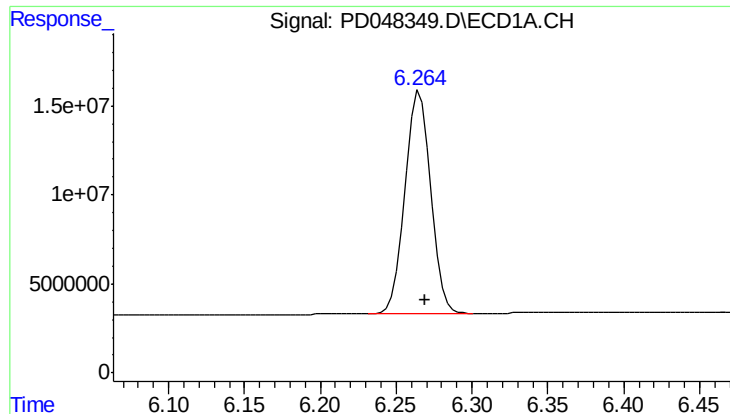
#16 4,4'-DDD

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



#16 4,4'-DDD

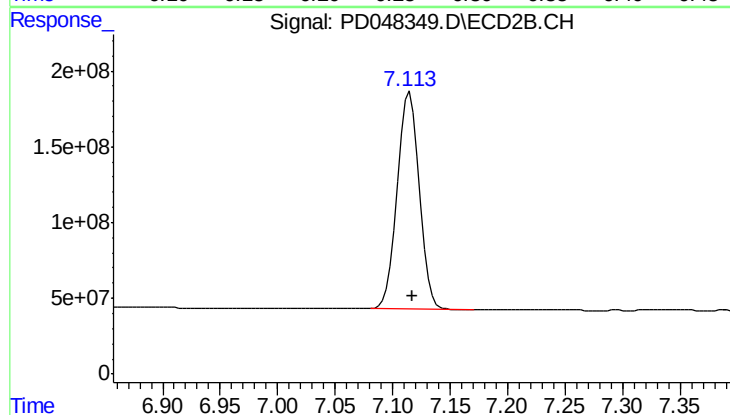
R.T.: 6.771 min
Delta R.T.: -0.046 min
Response: 9630520
Conc: 0.51 ng/ml



#17 4,4'-DDT

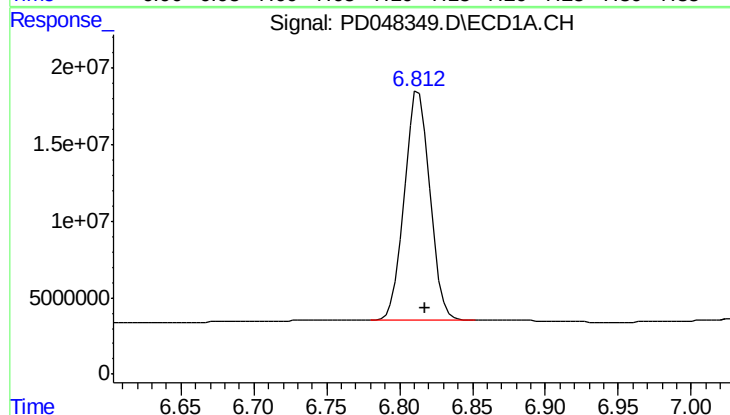
R.T.: 6.266 min
Delta R.T.: -0.004 min
Response: 145542099
Conc: 100.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM16



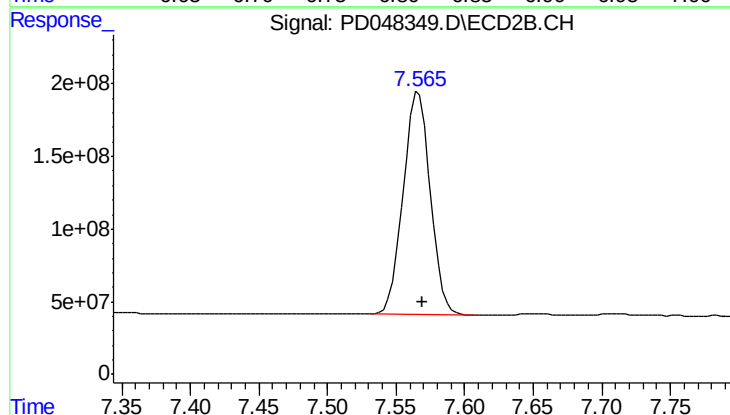
#17 4,4'-DDT

R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 1910748468
Conc: 99.66 ng/ml



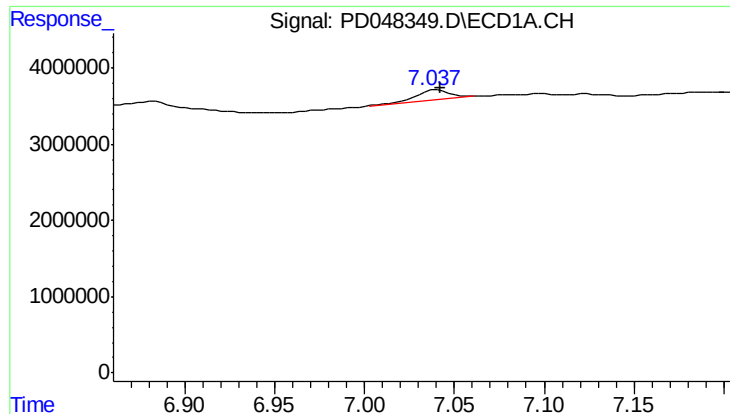
#20 Methoxychlor

R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 182547241
Conc: 241.25 ng/ml



#20 Methoxychlor

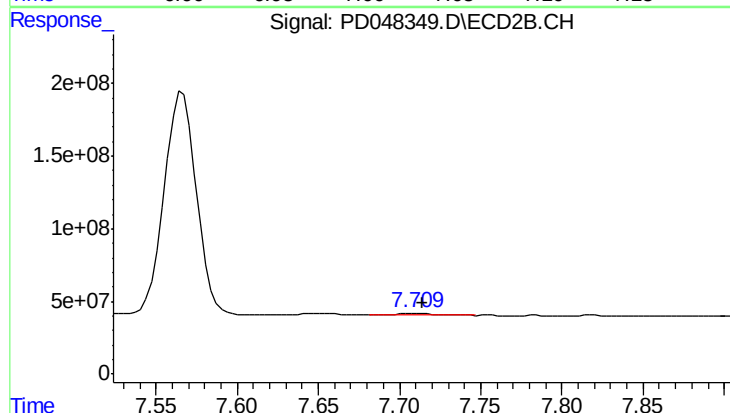
R.T.: 7.566 min
Delta R.T.: -0.003 min
Response: 2105740544
Conc: 248.67 ng/ml



#21 Endrin ketone

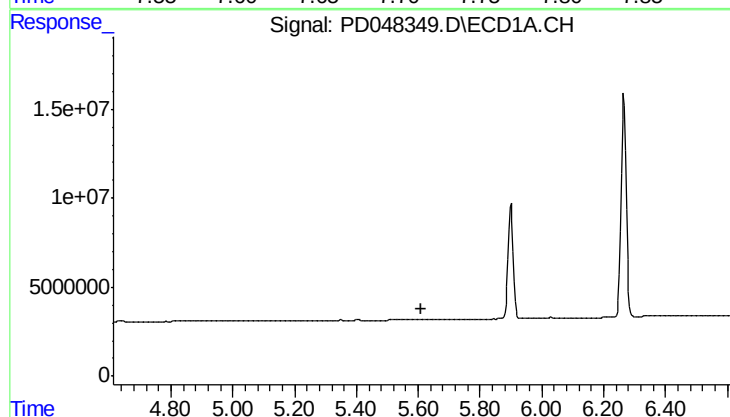
R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 1624907
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM16



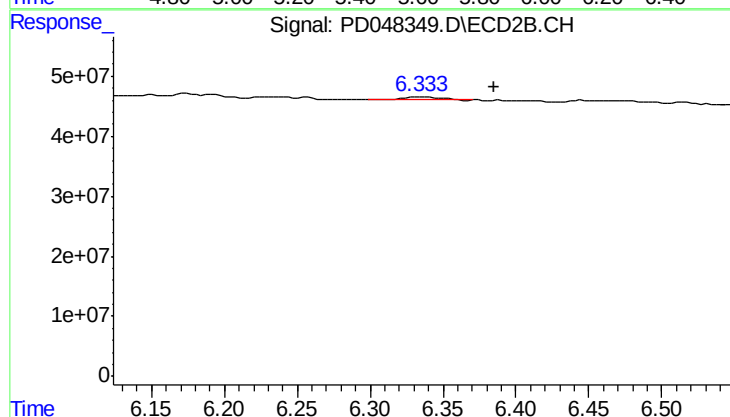
#21 Endrin ketone

R.T.: 7.710 min
Delta R.T.: -0.004 min
Response: 18805355
Conc: 0.98 ng/ml



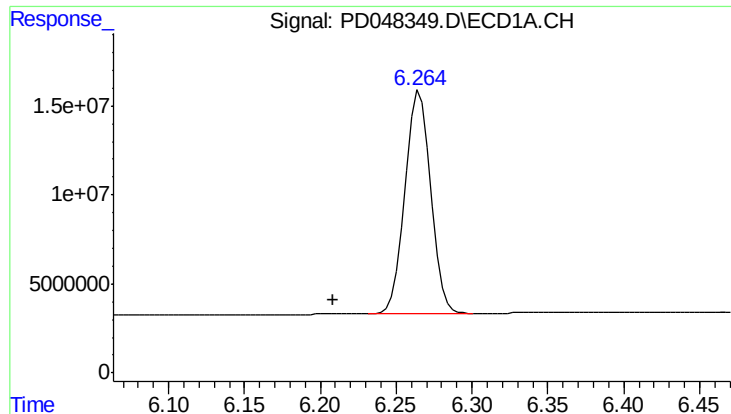
#22 Toxaphene-1

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



#22 Toxaphene-1

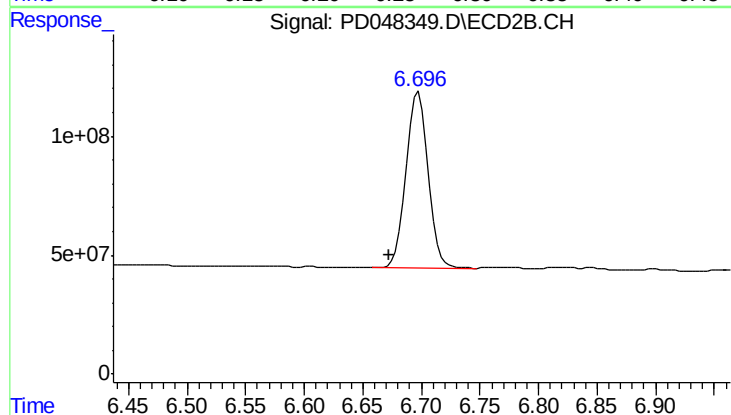
R.T.: 6.334 min
Delta R.T.: -0.051 min
Response: 7184016
Conc: 71.15 ng/ml



#23 Toxaphene-2

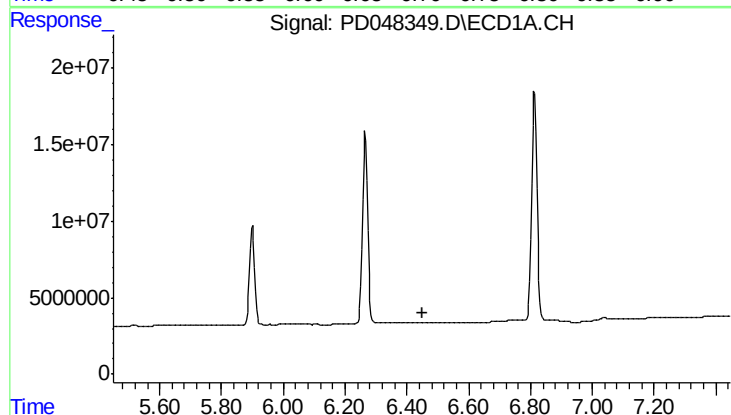
R.T.: 6.266 min
Delta R.T.: 0.057 min
Response: 145542099
Conc: 5543.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM16



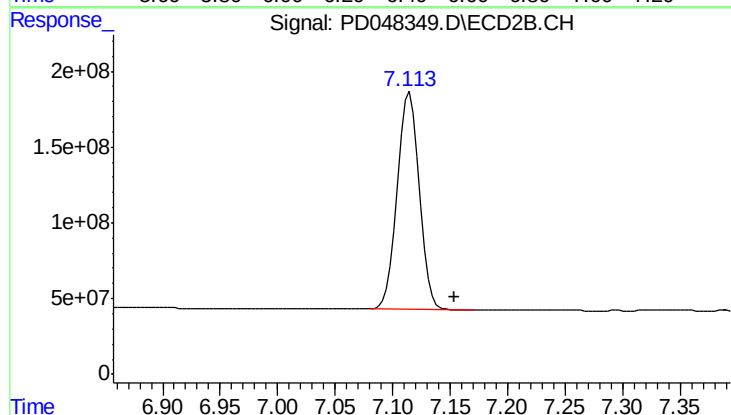
#23 Toxaphene-2

R.T.: 6.698 min
Delta R.T.: 0.025 min
Response: 990327120
Conc: 7306.55 ng/ml



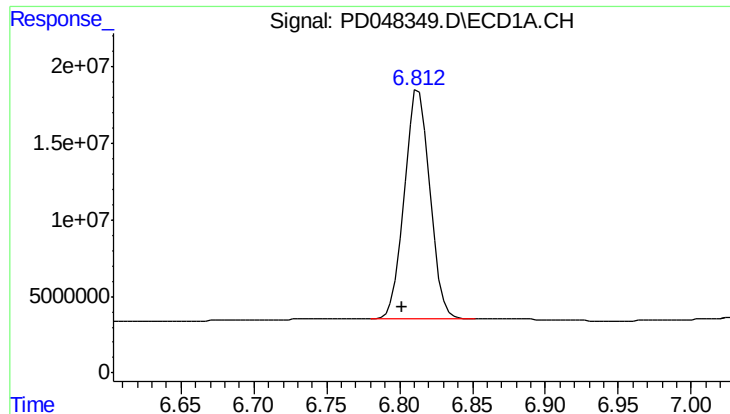
#24 Toxaphene-3

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



#24 Toxaphene-3

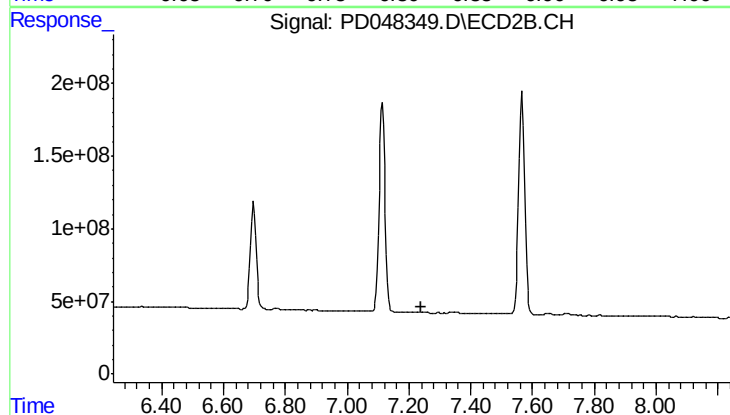
R.T.: 7.114 min
Delta R.T.: -0.039 min
Response: 1910748468
Conc: 3737.63 ng/ml



#25 Toxaphene-4

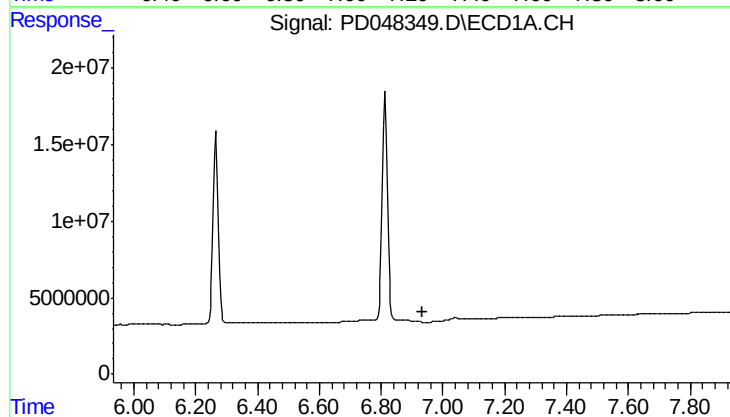
R.T.: 6.813 min
Delta R.T.: 0.011 min
Response: 182547241
Conc: 7720.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM16



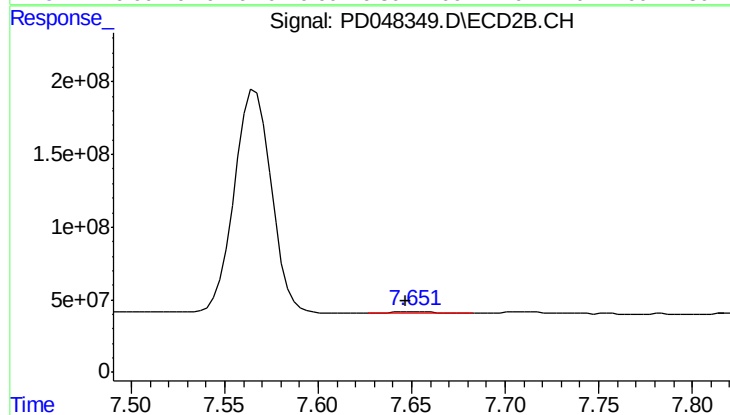
#25 Toxaphene-4

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



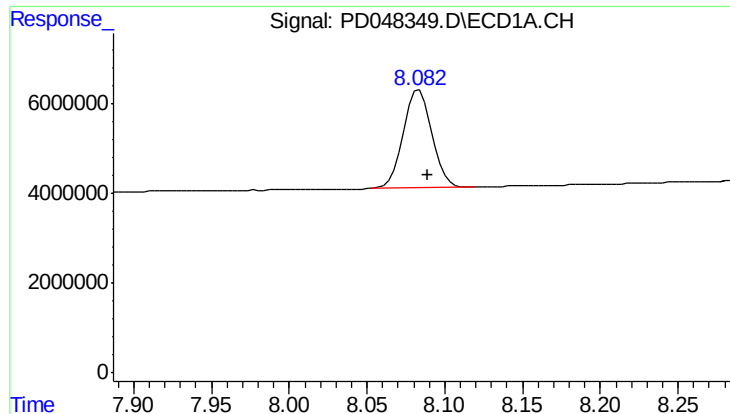
#26 Toxaphene-5

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



#26 Toxaphene-5

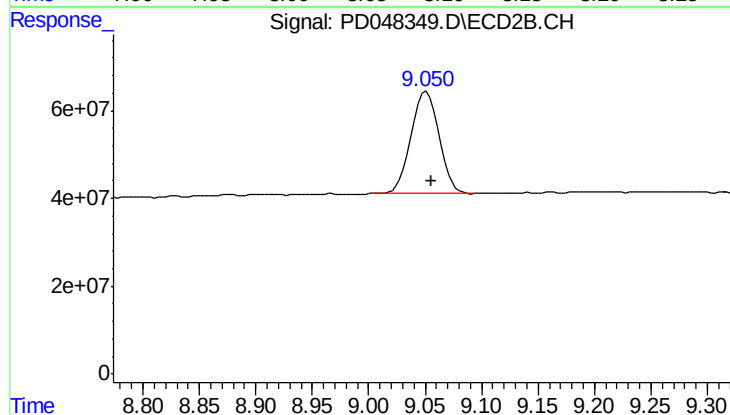
R.T.: 7.652 min
Delta R.T.: 0.005 min
Response: 14542387
Conc: 72.48 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.005 min
Response: 28280859
Conc: 21.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM16



#27 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 398570795
Conc: 22.49 ng/ml