

Data Path : P:\HPCHEM1\ECD_D\Data\PD041118\
 Data File : PD046997.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Apr 2018 13:49
 Operator : UA/AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 01:34:32 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD040718.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 07 04:44:10 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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...	3.430	4.042	26336280	459.3E6	20.869	21.496
28)	SA Decachlor...	8.153	9.120	27860991	376.9E6	20.710	20.945
Target Compounds							
2)	A alpha-BHC	3.867	4.428	20597662	366.0E6	10.022	10.989
3)	MA gamma-BHC...	4.147	4.712	19680393	332.7E6	10.601	11.342
4)	MA Heptachlor	4.395f	0.000	8178641	0	4.529	N.D. #
6)	B beta-BHC	4.395	4.871	8178641	143.8E6	10.219	10.735
7)	B delta-BHC	0.000	5.083	0	26074496	N.D.	0.852 #
8)	B Heptachlo...	0.000	5.906	0	16876262	N.D.	0.657 #
12)	B 4,4'-DDE	0.000	6.436f	0	5474396	N.D.	0.223 #
14)	MA Endrin	5.960	6.748	71589343	865.3E6	47.456	45.324
15)	B Endosulfa...	0.000	6.961	0	16839409	N.D.	0.794 #
16)	A 4,4'-DDD	6.087	6.863	3918648	125.7E6	2.834	6.294 #
17)	MA 4,4'-DDT	6.325	7.164	145.7E6	1661.7E6	106.761	90.015
18)	B Endrin al...	6.401	7.074	1344332	22078662	1.094	1.243
19)	B Endosulfa...	0.000	7.252f	0	693995	N.D.	0.034 #
20)	A Methoxychlor	6.876	7.617	176.9E6	1862.6E6	240.401	192.535
21)	B Endrin ke...	7.103	7.764	3552464	50043675	2.102	2.589
23)	Chlordane-1	4.359	5.083	820849	26074496	13.334	22.483 #
27)	Chlordane-5	0.000	7.074	0	22078662	N.D.	25.859 #

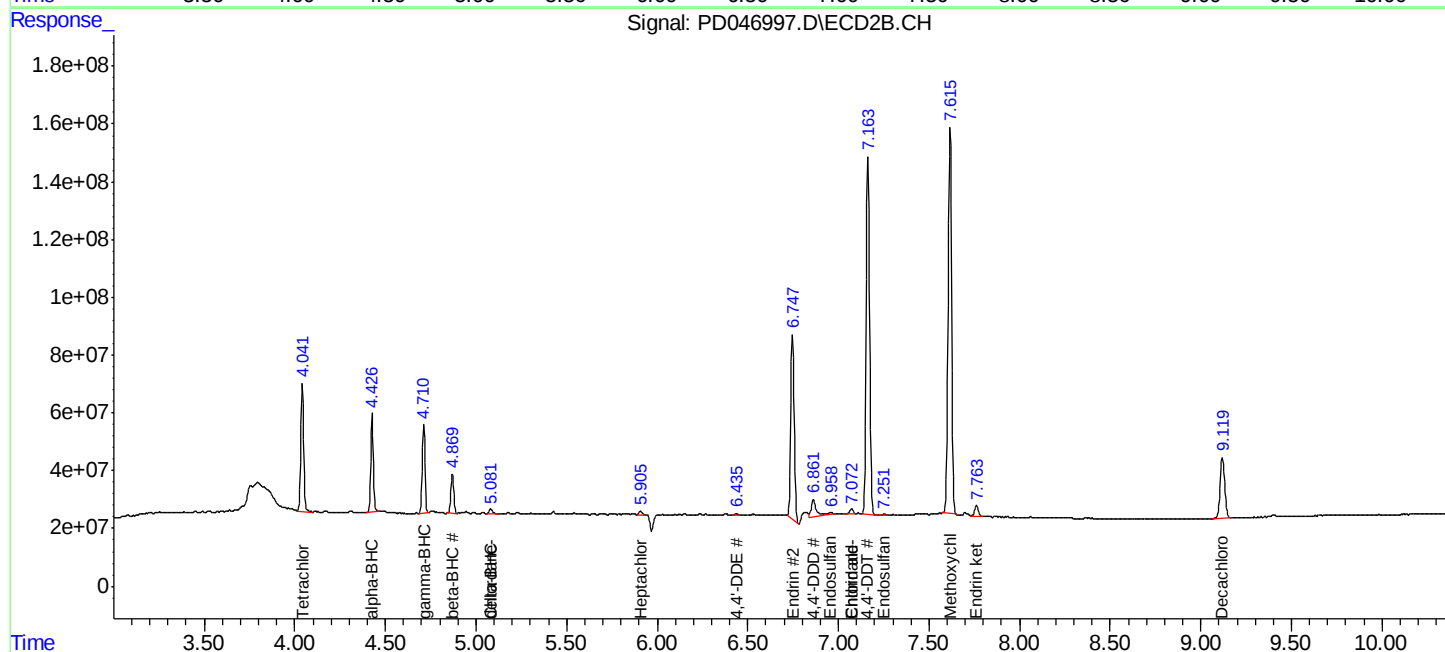
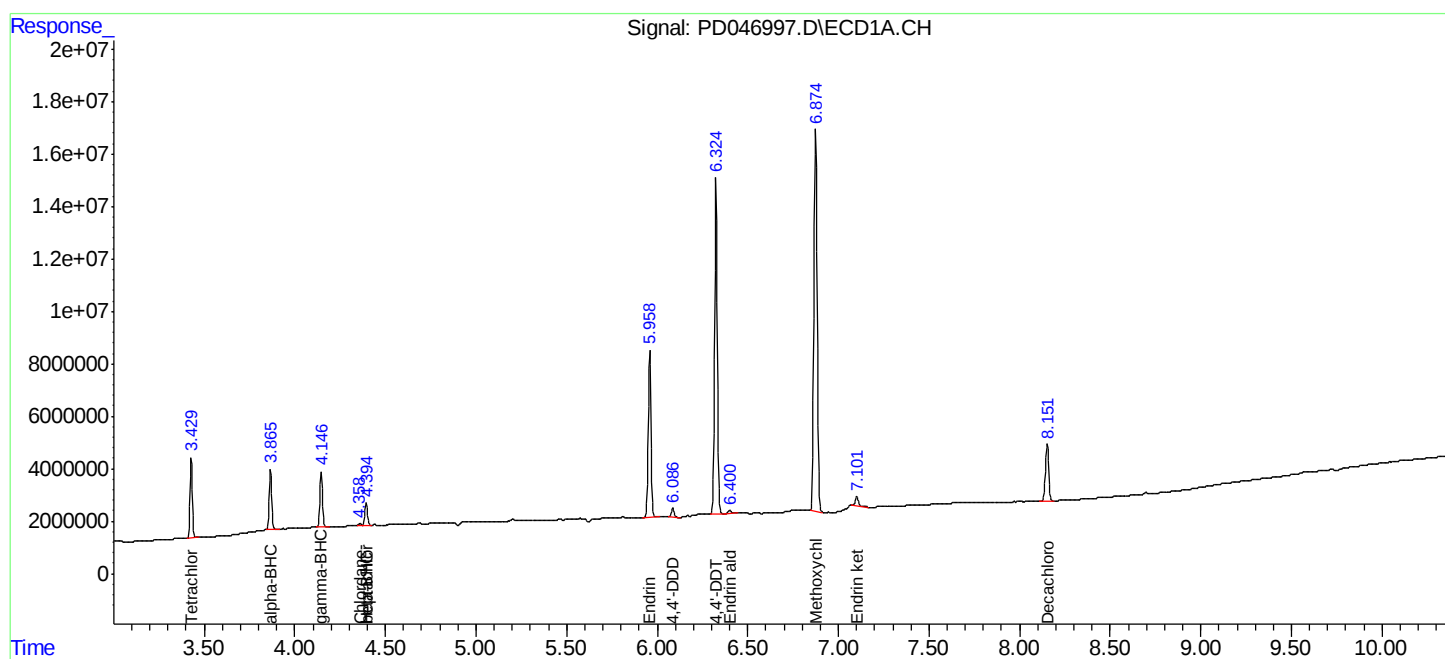
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

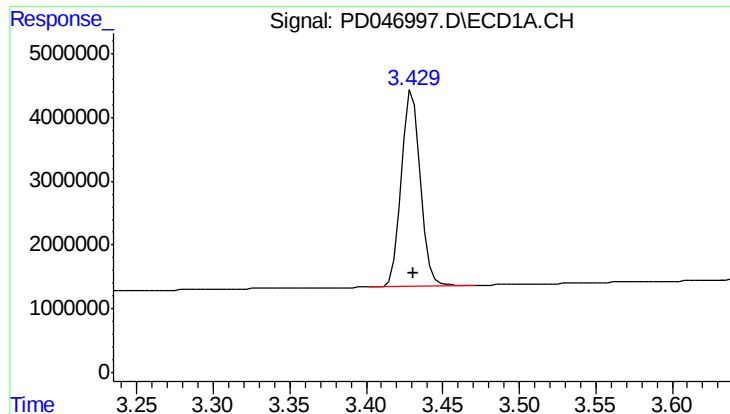
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
PEM

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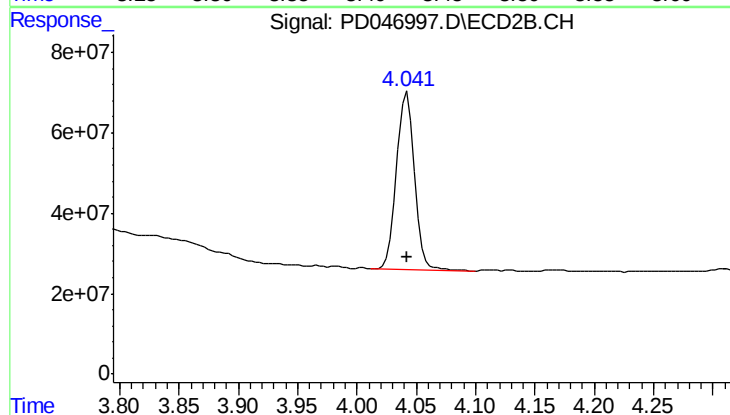




#1 Tetrachloro-m-xylene

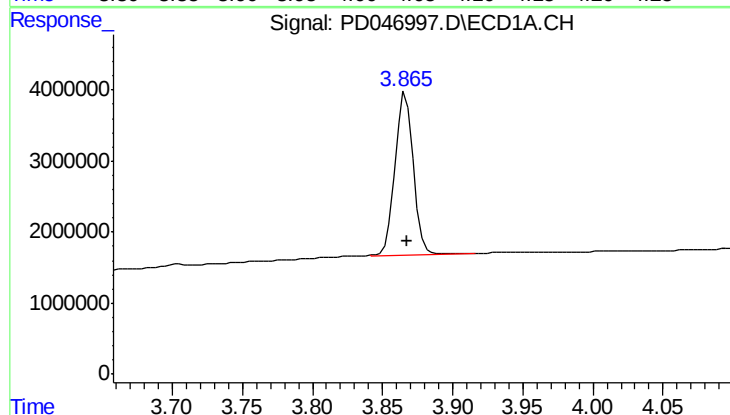
R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 26336280
Conc: 20.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



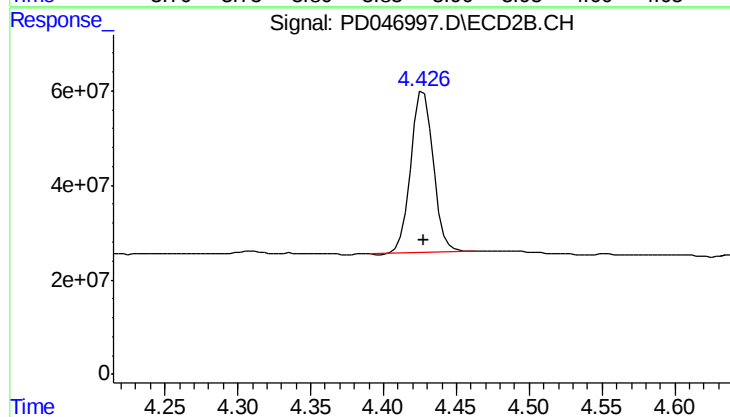
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: 0.000 min
Response: 459307912
Conc: 21.50 ng/ml



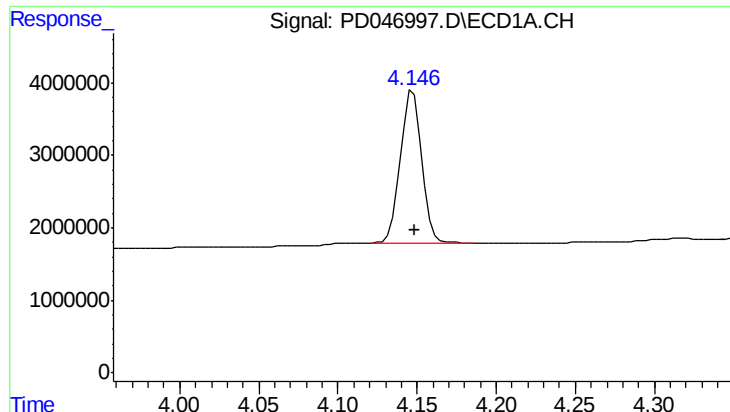
#2 alpha-BHC

R.T.: 3.867 min
Delta R.T.: -0.001 min
Response: 20597662
Conc: 10.02 ng/ml



#2 alpha-BHC

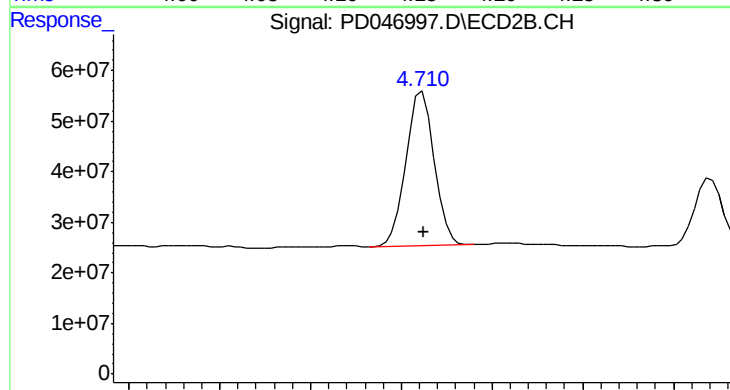
R.T.: 4.428 min
Delta R.T.: 0.000 min
Response: 365951111
Conc: 10.99 ng/ml



#3 gamma-BHC (Lindane)

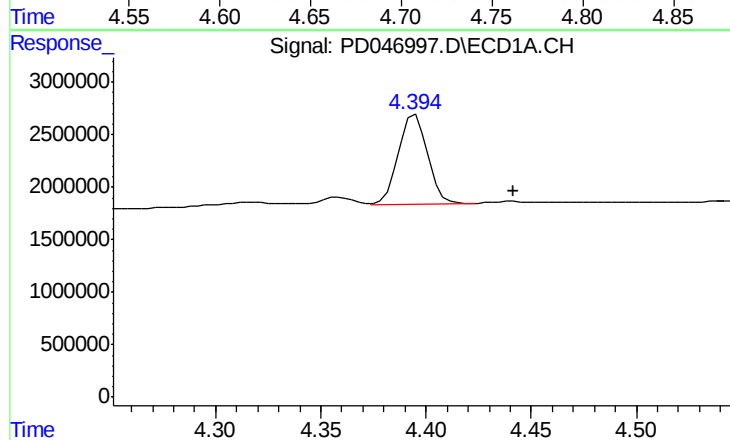
R.T.: 4.147 min
Delta R.T.: -0.001 min
Response: 19680393
Conc: 10.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



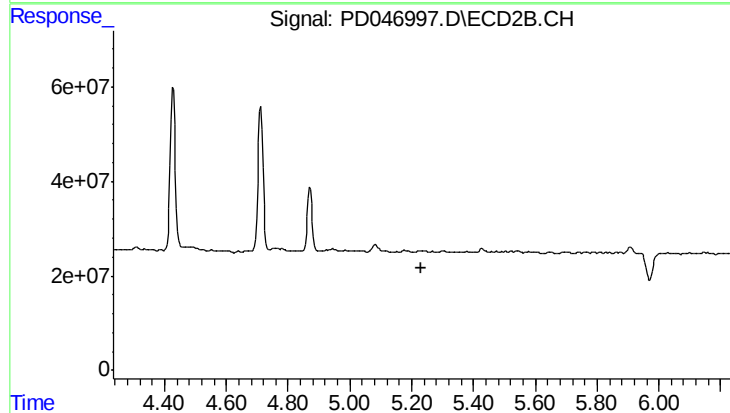
#3 gamma-BHC (Lindane)

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 332697605
Conc: 11.34 ng/ml



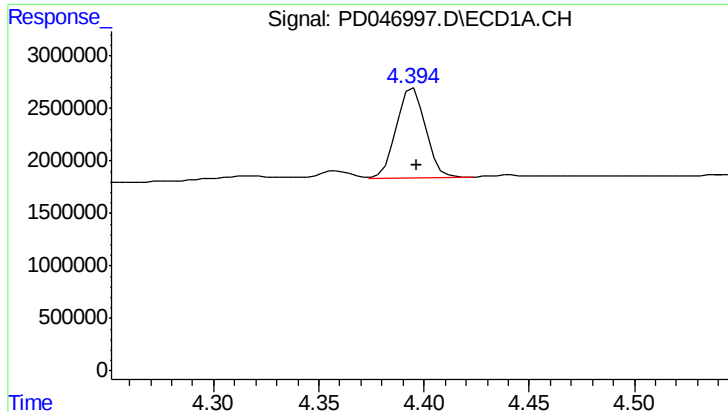
#4 Heptachlor

R.T.: 4.395 min
Delta R.T.: -0.047 min
Response: 8178641
Conc: 4.53 ng/ml



#4 Heptachlor

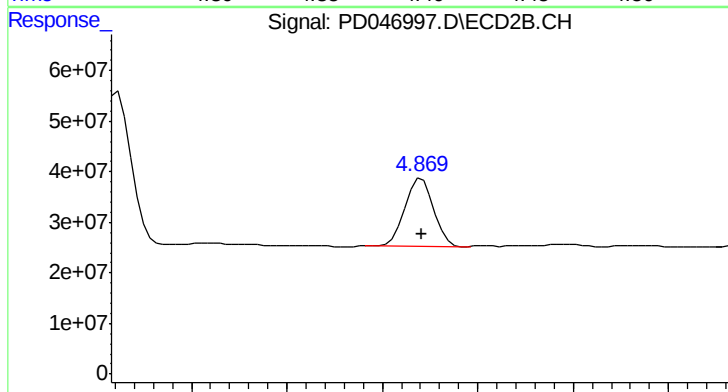
R.T.: 0.000 min
Exp R.T.: 5.232 min
Response: 0
Conc: N.D.



#6 beta-BHC

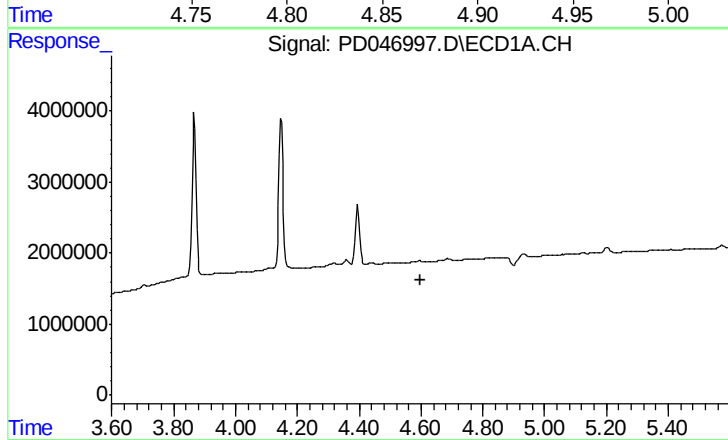
R.T.: 4.395 min
Delta R.T.: -0.002 min
Response: 8178641
Conc: 10.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



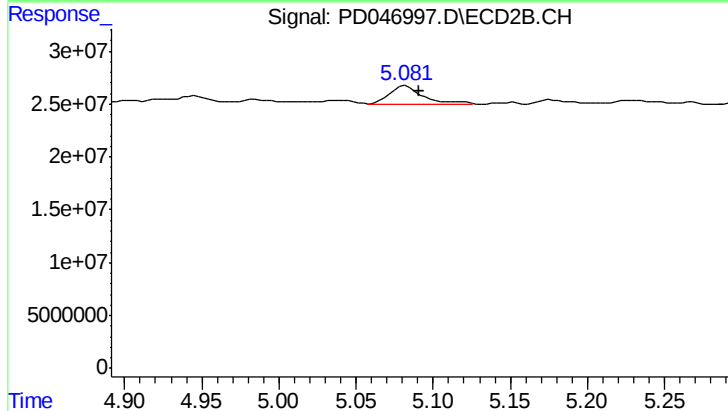
#6 beta-BHC

R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 143829117
Conc: 10.74 ng/ml



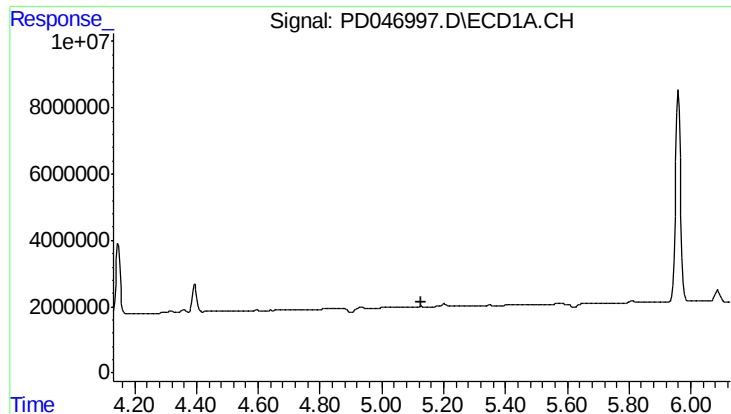
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.598 min
Response: 0
Conc: N.D.



#7 delta-BHC

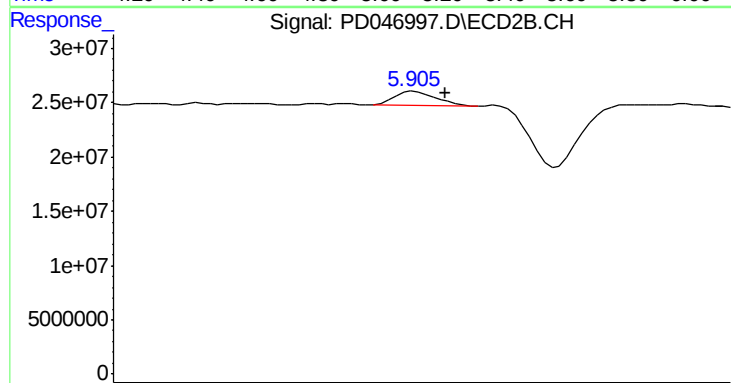
R.T.: 5.083 min
Delta R.T.: -0.008 min
Response: 26074496
Conc: 0.85 ng/ml



#8 Heptachlor epoxide

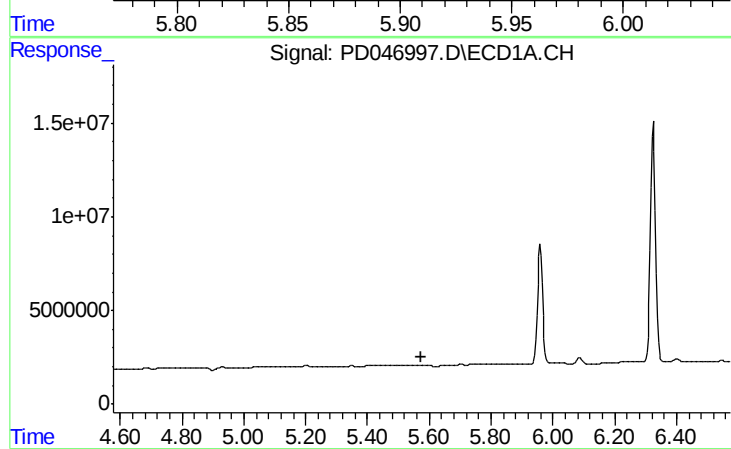
R.T.: 0.000 min
Exp R.T.: 5.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



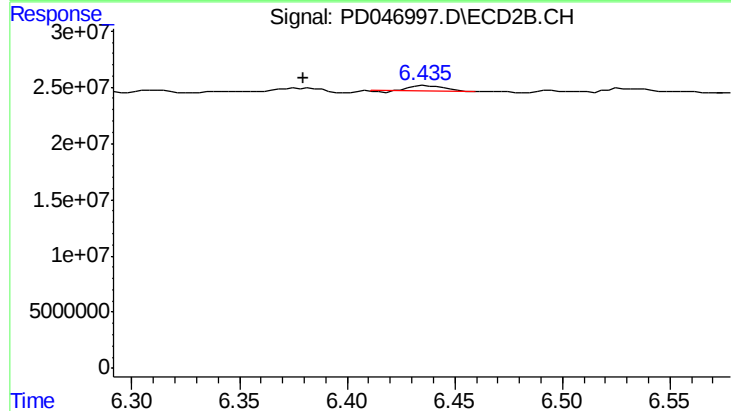
#8 Heptachlor epoxide

R.T.: 5.906 min
Delta R.T.: -0.014 min
Response: 16876262
Conc: 0.66 ng/ml



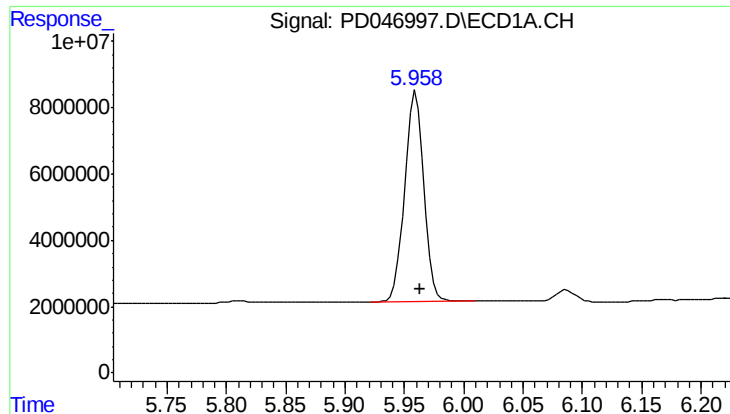
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 5.576 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

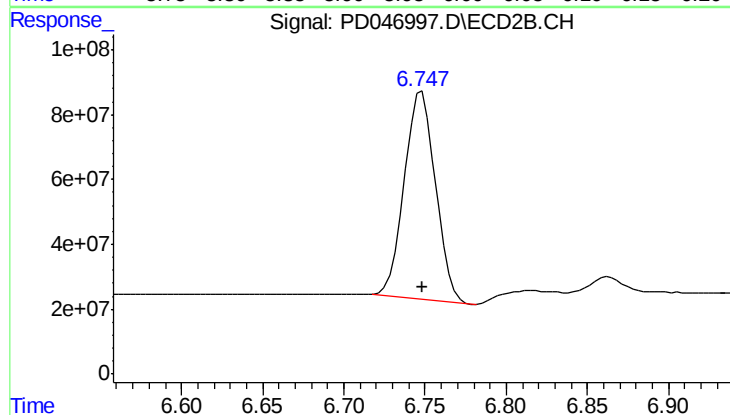
R.T.: 6.436 min
Delta R.T.: 0.056 min
Response: 5474396
Conc: 0.22 ng/ml



#14 Endrin

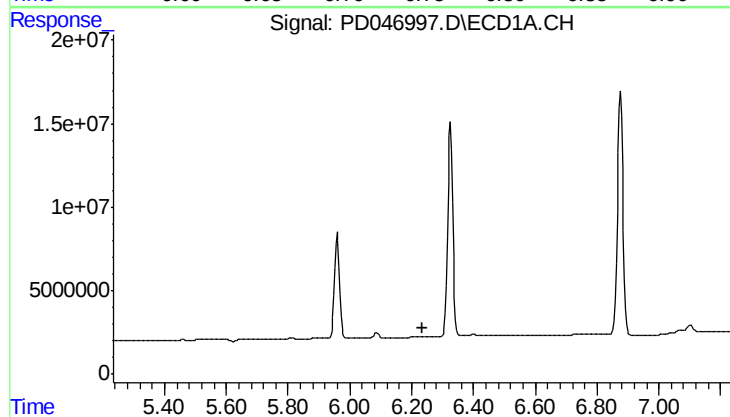
R.T.: 5.960 min
Delta R.T.: -0.003 min
Response: 71589343
Conc: 47.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



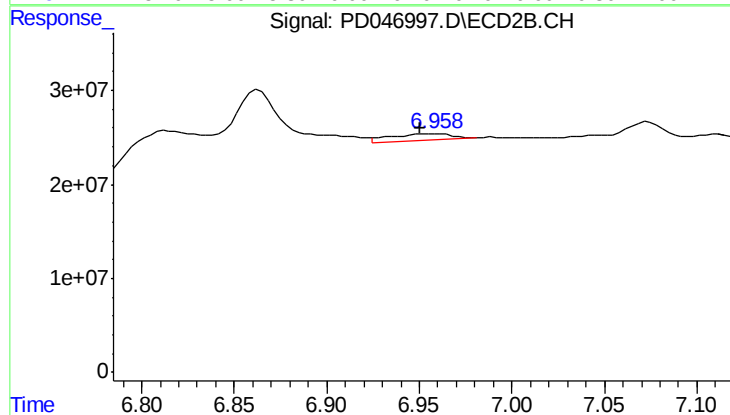
#14 Endrin

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 865269816
Conc: 45.32 ng/ml



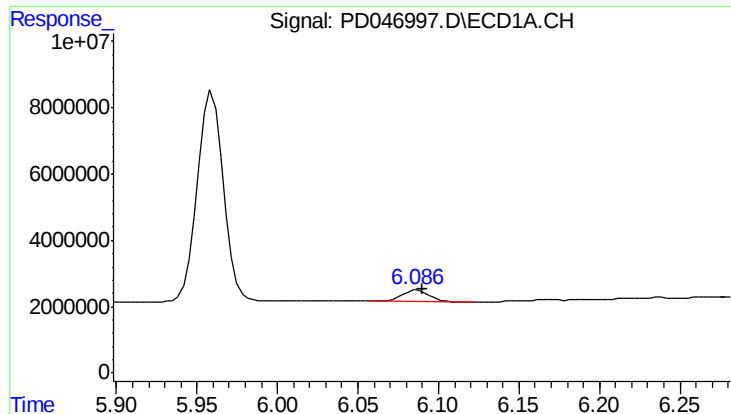
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.235 min
Response: 0
Conc: N.D.



#15 Endosulfan II

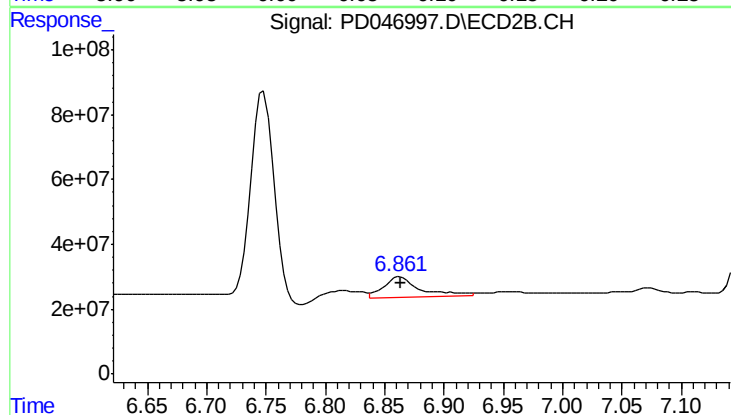
R.T.: 6.961 min
Delta R.T.: 0.010 min
Response: 16839409
Conc: 0.79 ng/ml



#16 4,4'-DDD

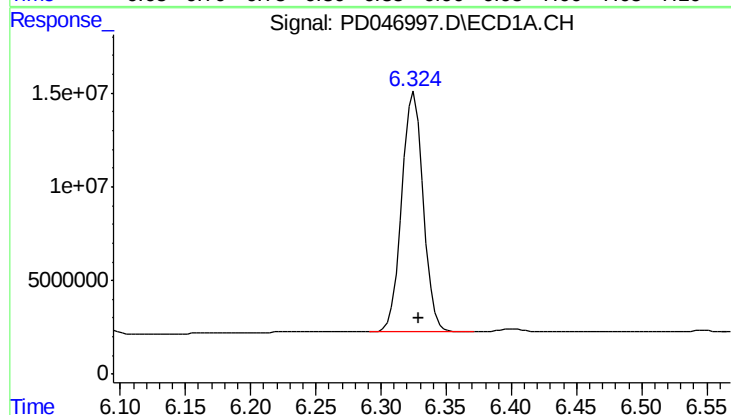
R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 3918648
Conc: 2.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



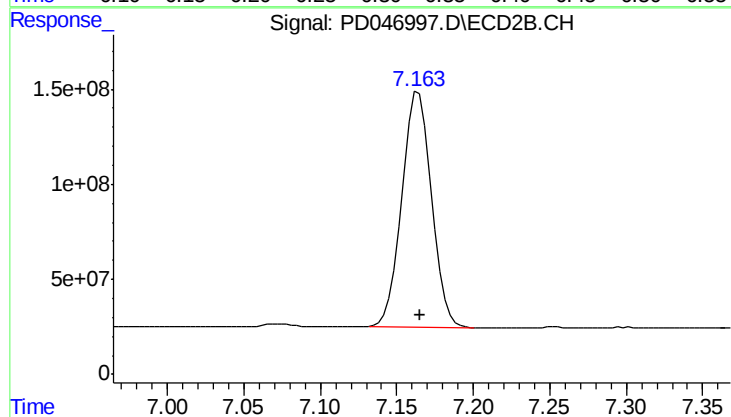
#16 4,4'-DDD

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 125673965
Conc: 6.29 ng/ml



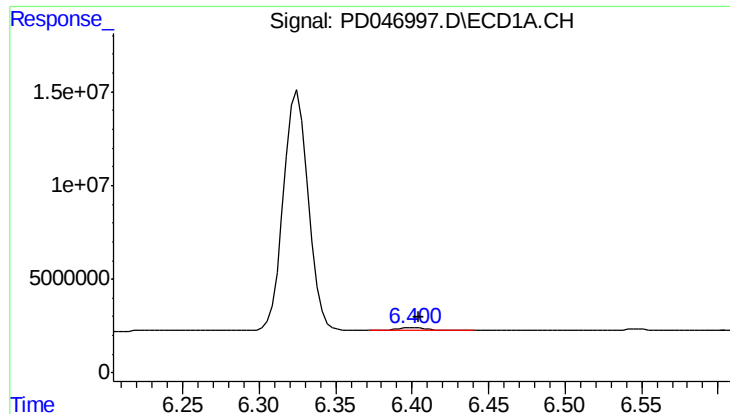
#17 4,4'-DDT

R.T.: 6.325 min
Delta R.T.: -0.004 min
Response: 145694369
Conc: 106.76 ng/ml



#17 4,4'-DDT

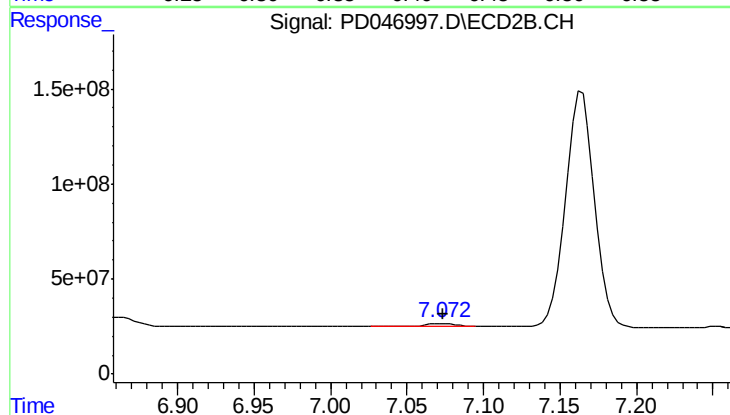
R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 1661693073
Conc: 90.01 ng/ml



#18 Endrin aldehyde

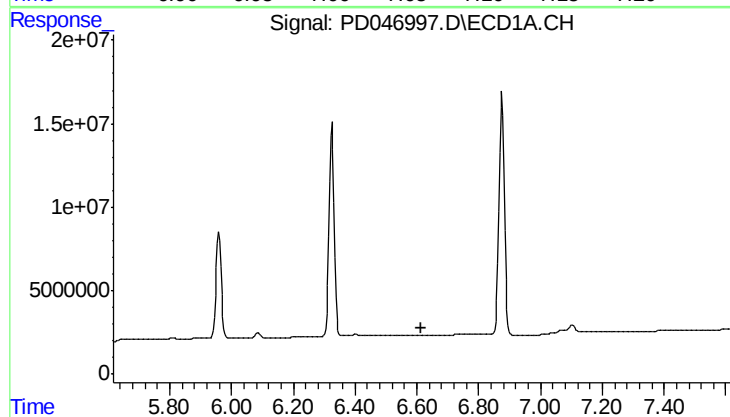
R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 1344332
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



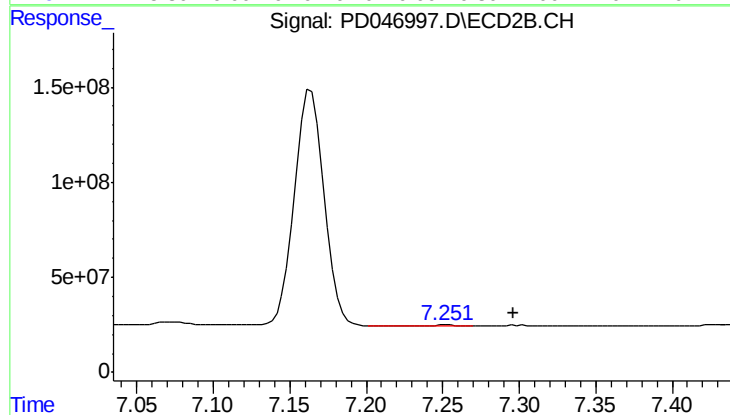
#18 Endrin aldehyde

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 22078662
Conc: 1.24 ng/ml



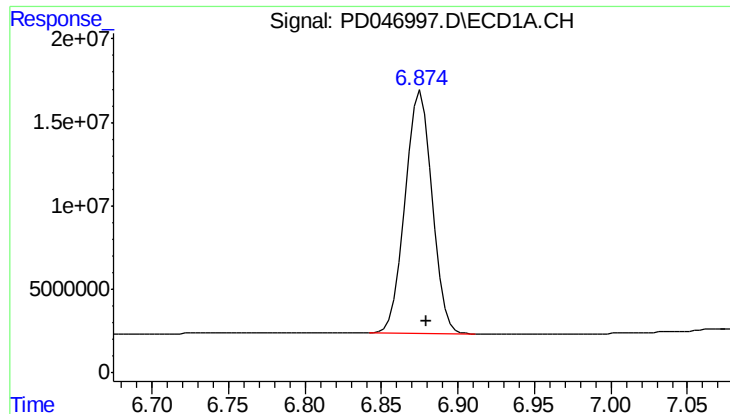
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T.: 6.616 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

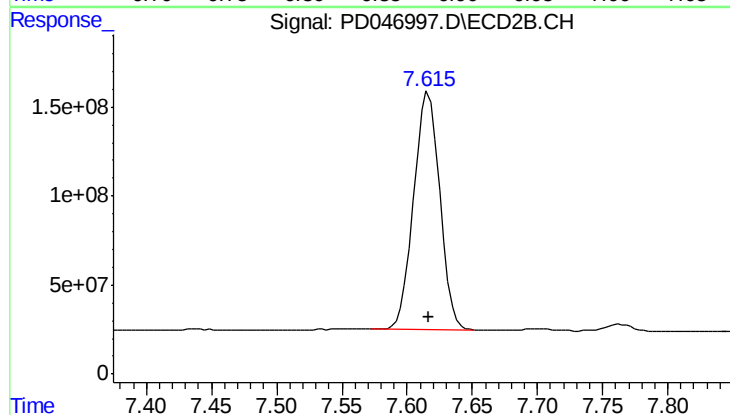
R.T.: 7.252 min
Delta R.T.: -0.044 min
Response: 693995
Conc: 0.03 ng/ml



#20 Methoxychlor

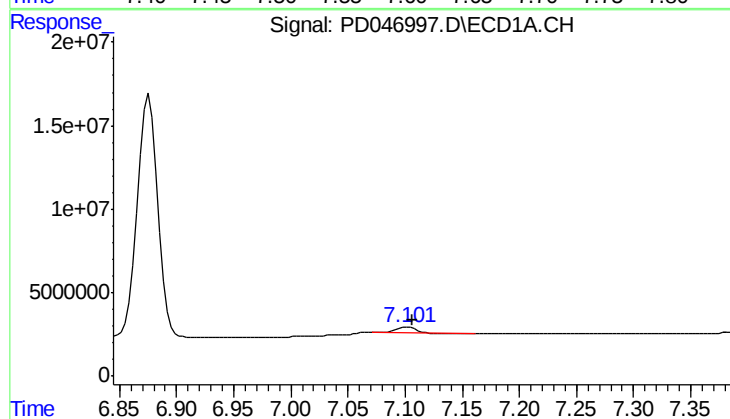
R.T.: 6.876 min
Delta R.T.: -0.003 min
Response: 176940952
Conc: 240.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



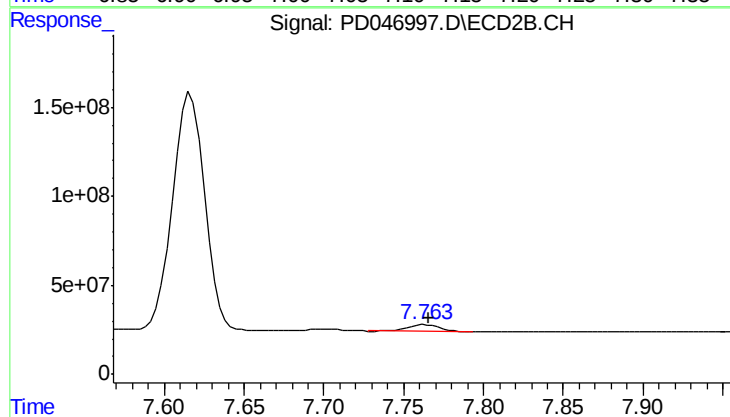
#20 Methoxychlor

R.T.: 7.617 min
Delta R.T.: 0.000 min
Response: 1862556716
Conc: 192.54 ng/ml



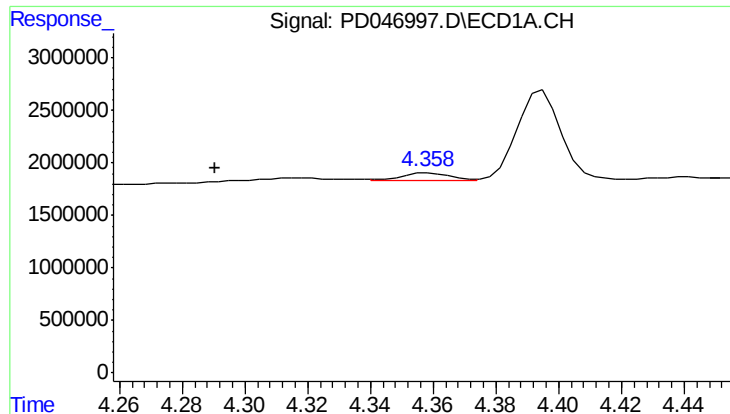
#21 Endrin ketone

R.T.: 7.103 min
Delta R.T.: -0.004 min
Response: 3552464
Conc: 2.10 ng/ml



#21 Endrin ketone

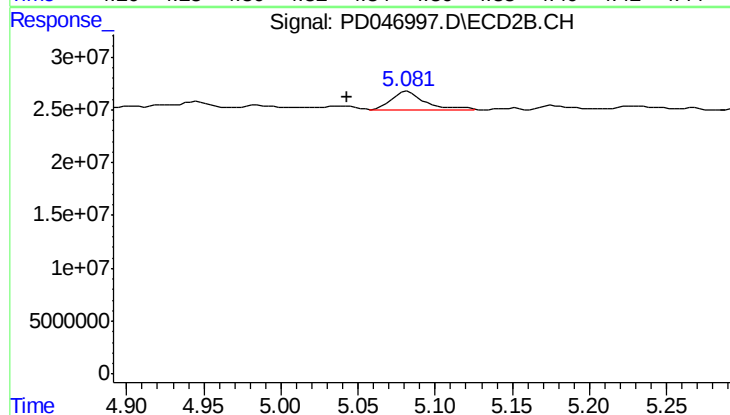
R.T.: 7.764 min
Delta R.T.: -0.001 min
Response: 50043675
Conc: 2.59 ng/ml



#23 Chlordane-1

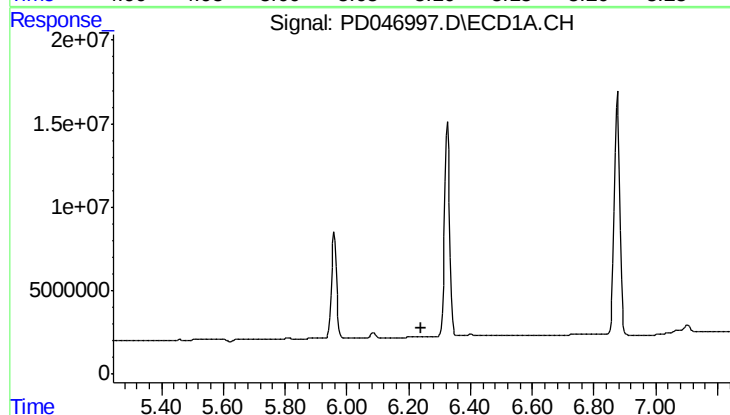
R.T.: 4.359 min
Delta R.T.: 0.068 min
Response: 820849
Conc: 13.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



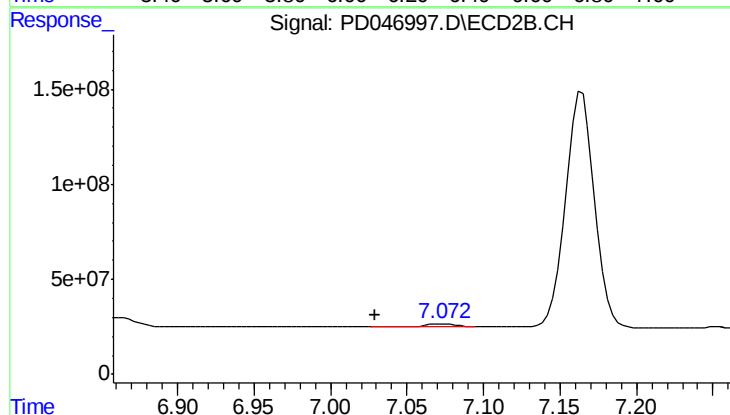
#23 Chlordane-1

R.T.: 5.083 min
Delta R.T.: 0.039 min
Response: 26074496
Conc: 22.48 ng/ml



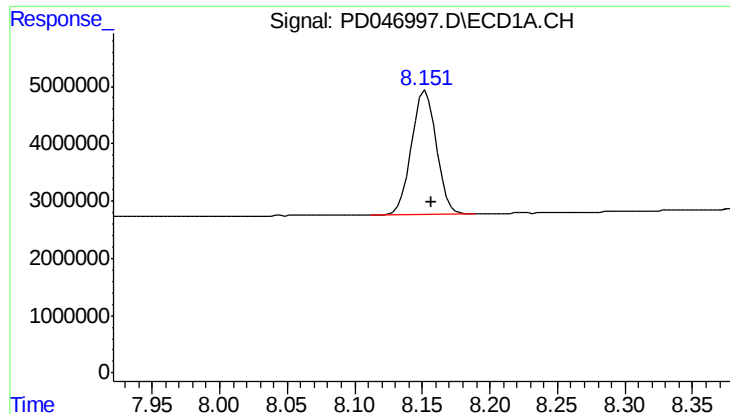
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.243 min
Response: 0
Conc: N.D.



#27 Chlordane-5

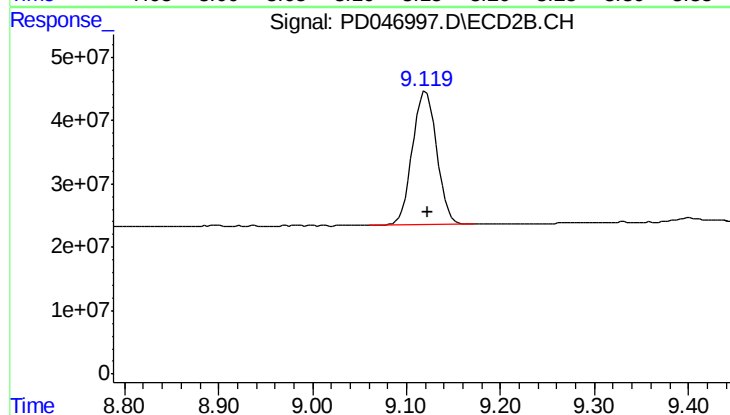
R.T.: 7.074 min
Delta R.T.: 0.045 min
Response: 22078662
Conc: 25.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.153 min
Delta R.T.: -0.004 min
Response: 27860991
Conc: 20.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.002 min
Response: 376850207
Conc: 20.95 ng/ml