

Data Path : P:\HPCHEM1\ECD_D\Data\PD031318\
 Data File : PD046143.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Mar 2018 10:42
 Operator : UA/AJ
 Sample : PEM05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PEM05

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 01:21:51 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD030518CLP.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 06 02:40:32 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...	3.234	3.729	25741252	490.8E6	20.590	23.225
27)	SA Decachlor...	7.843	8.618	24756385	404.6E6	18.944	23.480
Target Compounds							
2)	A alpha-BHC	3.659	4.091	19849662	398.8E6	10.139	12.071
3)	MA gamma-BHC...	3.931	4.360	19091600	373.6E6	10.509	12.229
4)	MA Heptachlor	4.181	0.000	7900342	0	4.314	N.D. #
6)	B beta-BHC	4.181	4.519	7900342	162.5E6	10.117	11.616
7)	B delta-BHC	0.000	4.733	0	12301701	N.D.	0.378
9)	A Endosulfan I	0.000	5.842	0	4318790	N.D.	0.160
11)	B cis-Chlor...	0.000	5.842	0	4318790	N.D.	0.152
14)	MA Endrin	5.678	6.323	68934171	1174.6E6	45.482	50.946
15)	B Endosulfa...	0.000	6.565 ^f	0	16784984	N.D.	0.736
16)	A 4,4'-DDD	5.817	6.455	1186872	26031853	0.849	1.185 #
17)	MA 4,4'-DDT	6.047	6.750	137.0E6	2287.6E6	94.587	105.041
18)	B Endrin al...	6.047 ^f	6.644	137.0E6	36799941	111.910	1.864 #
20)	A Methoxychlor	6.596	7.208	170.3E6	2521.3E6	226.602	255.600
21)	B Endrin ke...	6.805	7.318	4323768	35727890	2.692	1.710 #
22)	Toxaphene-1	0.000	6.323	0	1174.6E6	N.D.	5637.562
23)	Toxaphene-2	6.047	6.455	137.0E6	26031853	5349.234	78.982 #
24)	Toxaphene-3	0.000	6.565	0	16784984	N.D.	22.239
25)	Toxaphene-4	6.596	6.750	170.3E6	2287.6E6	7469.890	3758.591 #
26)	Toxaphene-5	0.000	7.268	0	5968363	N.D.	24.776

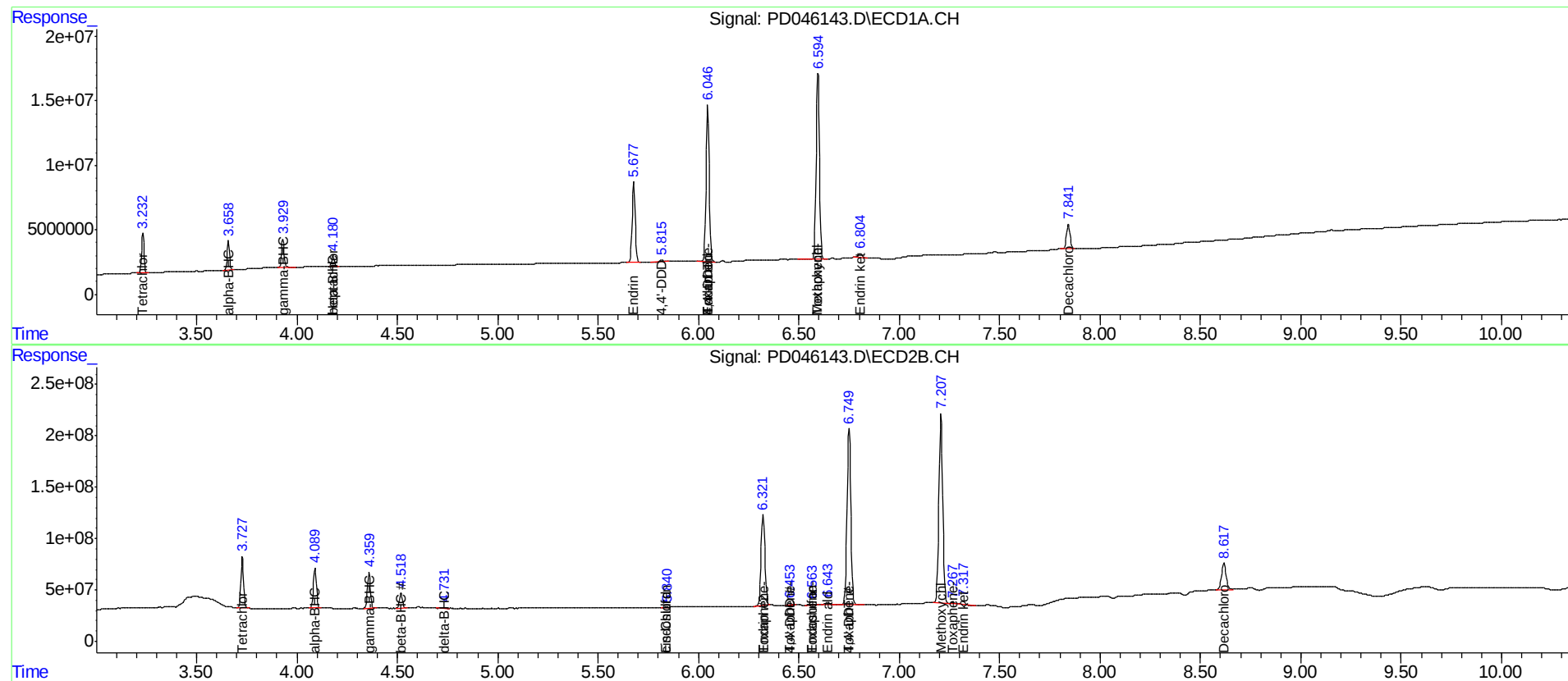
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

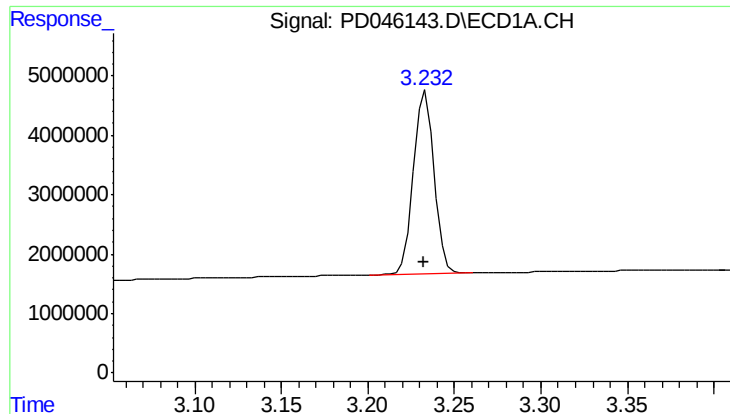
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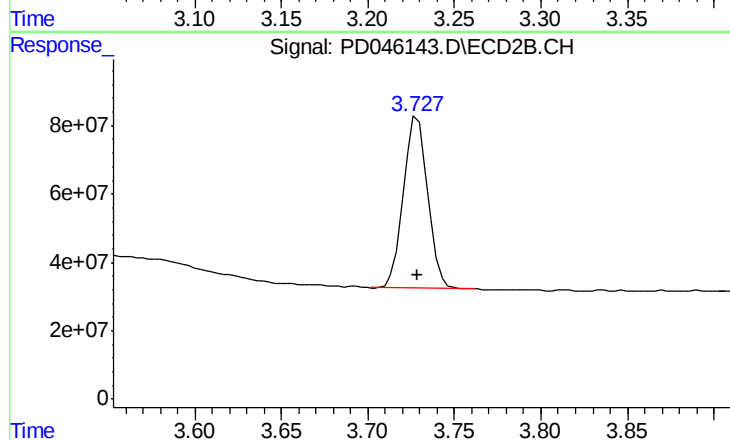




#1 Tetrachloro-m-xylene

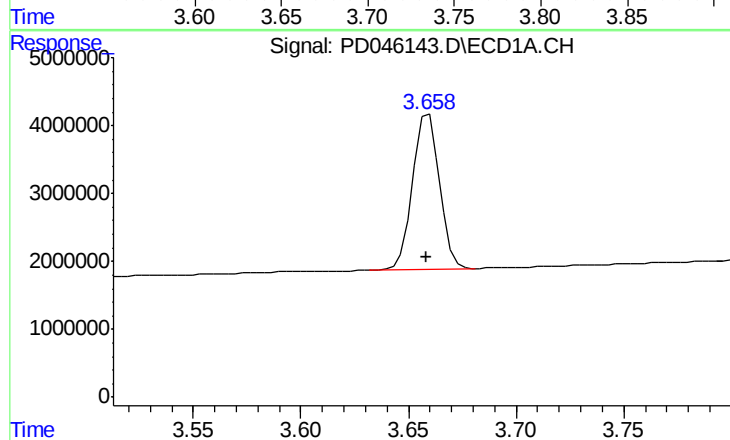
R.T.: 3.234 min
Delta R.T.: 0.001 min
Response: 25741252
Conc: 20.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
PEM05



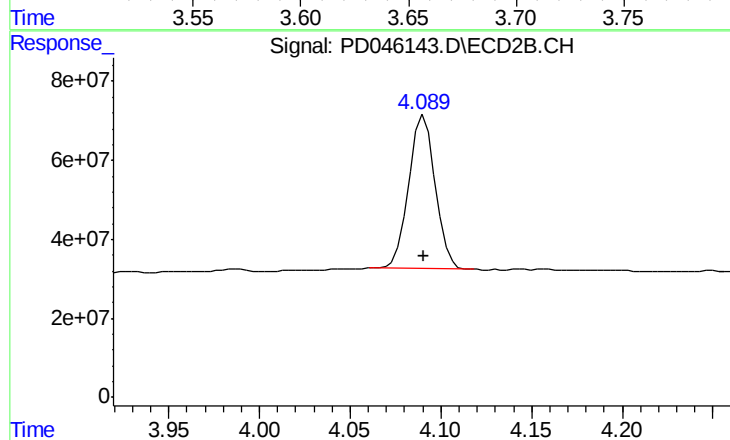
#1 Tetrachloro-m-xylene

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 490835108
Conc: 23.23 ng/ml



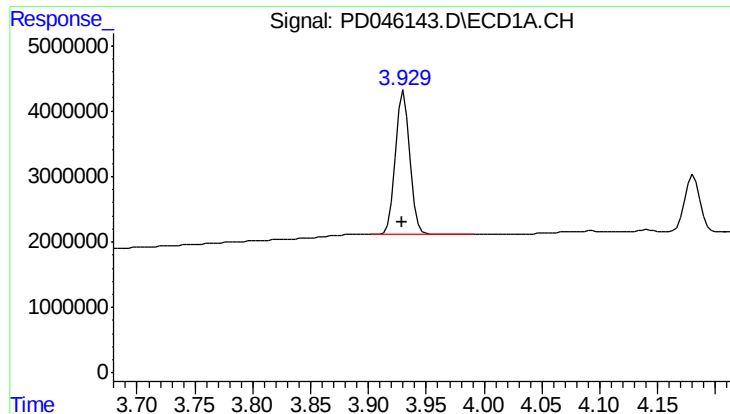
#2 alpha-BHC

R.T.: 3.659 min
Delta R.T.: 0.001 min
Response: 19849662
Conc: 10.14 ng/ml



#2 alpha-BHC

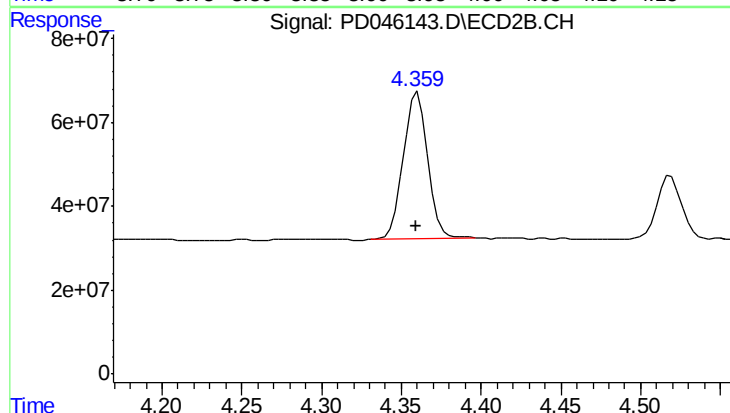
R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 398754916
Conc: 12.07 ng/ml



#3 gamma-BHC (Lindane)

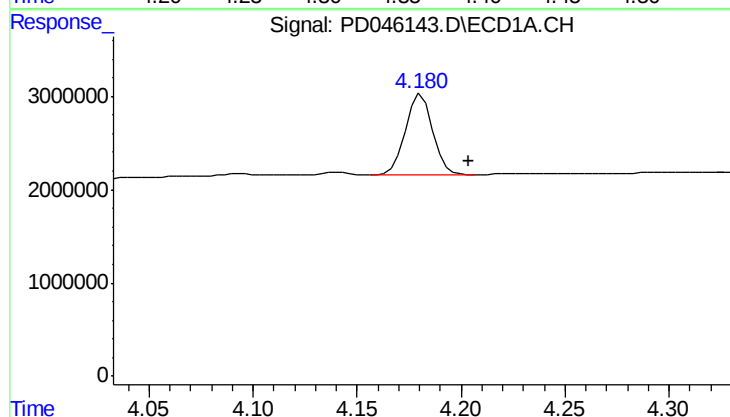
R.T.: 3.931 min
Delta R.T.: 0.001 min
Response: 19091600
Conc: 10.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
PEM05



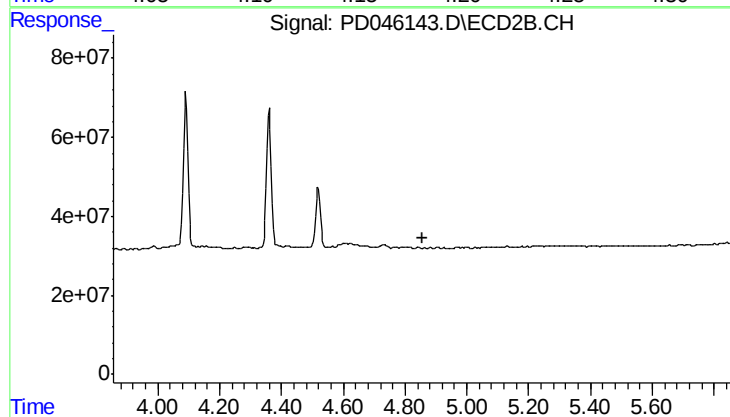
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 373601166
Conc: 12.23 ng/ml



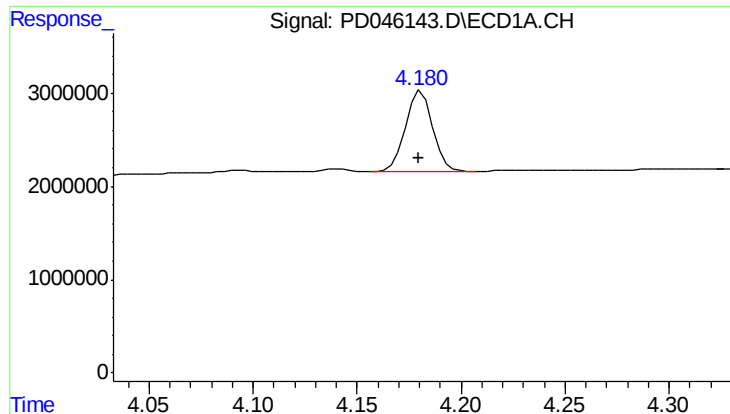
#4 Heptachlor

R.T.: 4.181 min
Delta R.T.: -0.023 min
Response: 7900342
Conc: 4.31 ng/ml



#4 Heptachlor

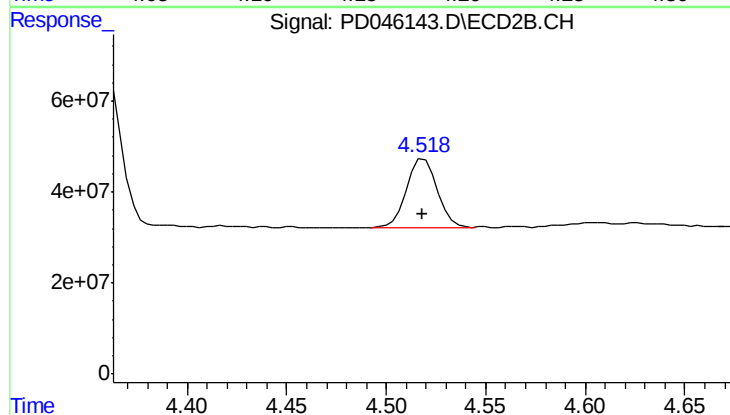
R.T.: 0.000 min
Exp R.T.: 4.856 min
Response: 0
Conc: N.D.



#6 beta-BHC

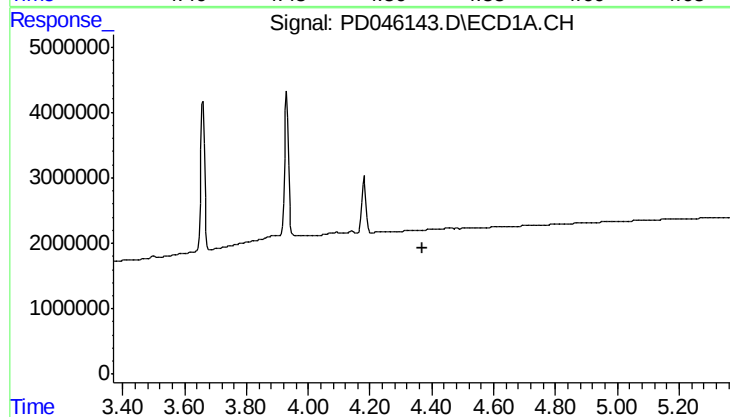
R.T.: 4.181 min
Delta R.T.: 0.001 min
Response: 7900342
Conc: 10.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
PEM05



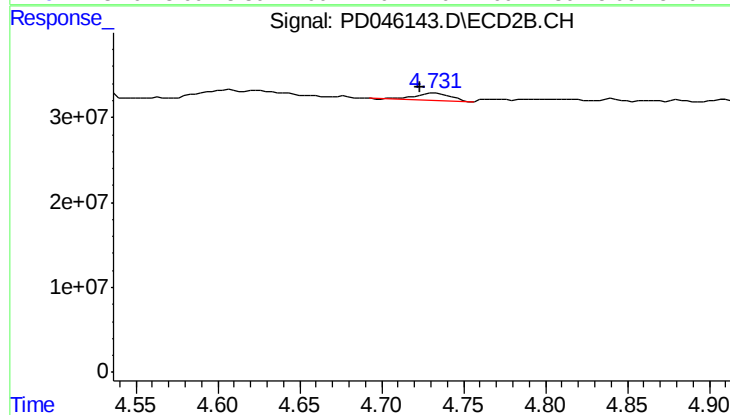
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 162537942
Conc: 11.62 ng/ml



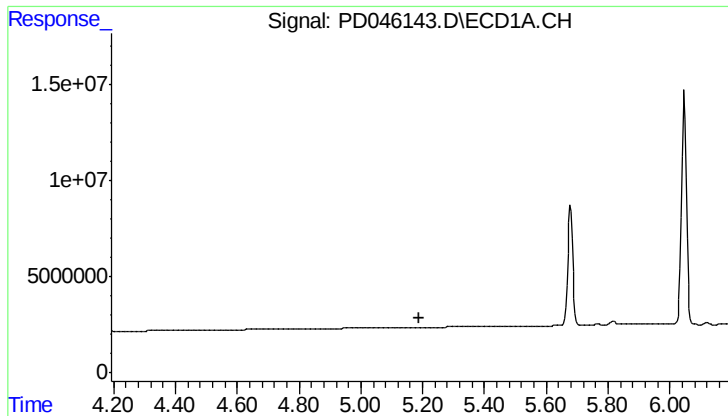
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.368 min
Response: 0
Conc: N.D.



#7 delta-BHC

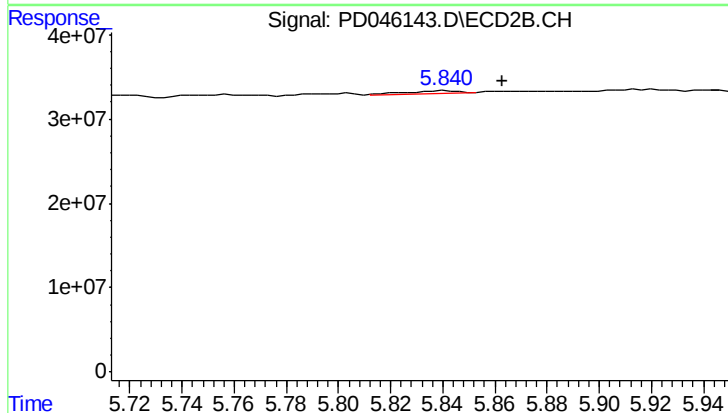
R.T.: 4.733 min
Delta R.T.: 0.009 min
Response: 12301701
Conc: 0.38 ng/ml



#9 Endosulfan I

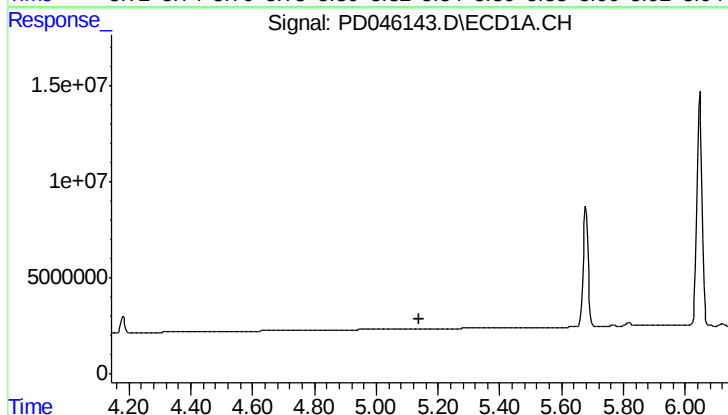
R.T.: 0.000 min
Exp R.T.: 5.190 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PEM05



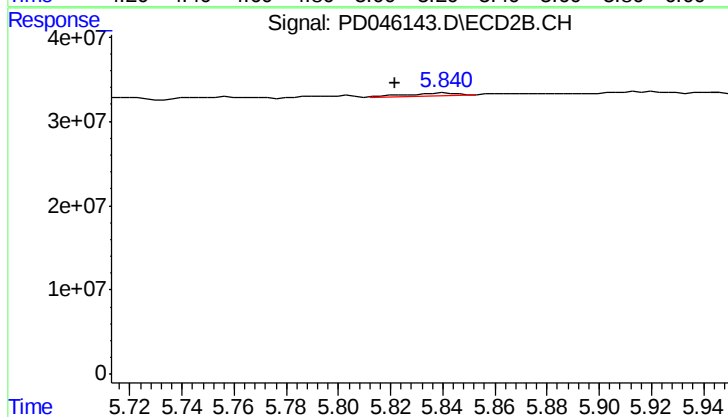
#9 Endosulfan I

R.T.: 5.842 min
Delta R.T.: -0.021 min
Response: 4318790
Conc: 0.16 ng/ml



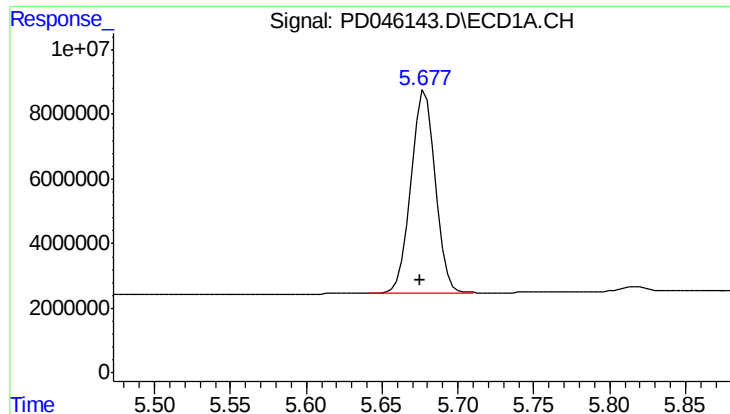
#11 cis-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.140 min
Response: 0
Conc: N.D.



#11 cis-Chlordane

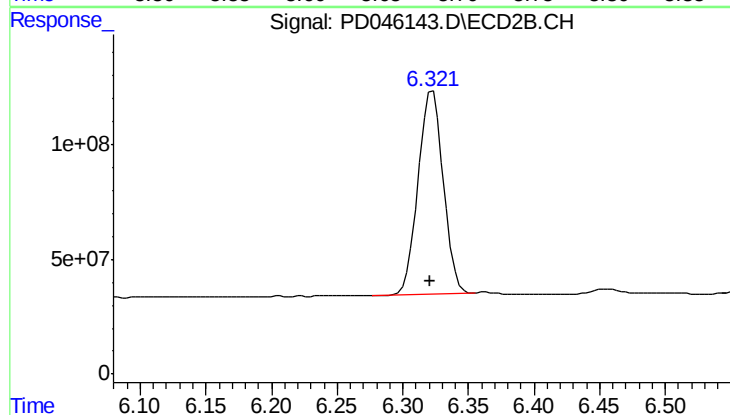
R.T.: 5.842 min
Delta R.T.: 0.020 min
Response: 4318790
Conc: 0.15 ng/ml



#14 Endrin

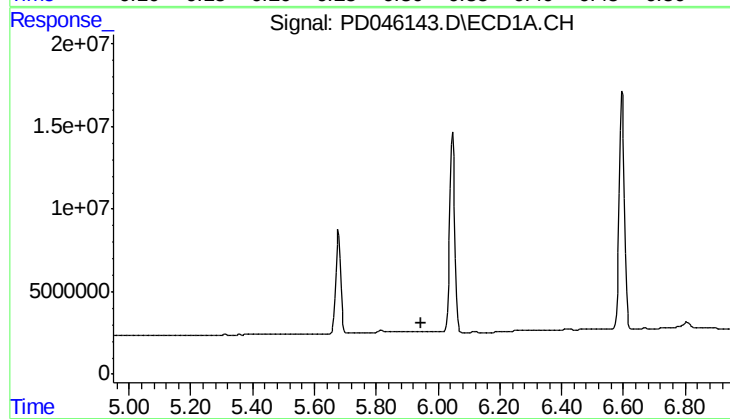
R.T.: 5.678 min
Delta R.T.: 0.003 min
Response: 68934171
Conc: 45.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
PEM05



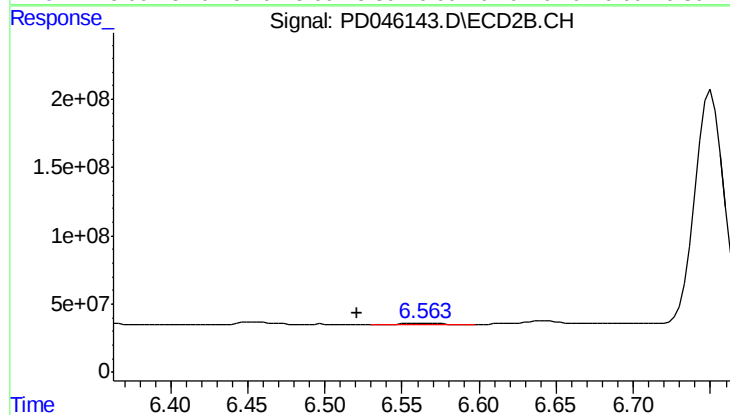
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.002 min
Response: 1174649869
Conc: 50.95 ng/ml



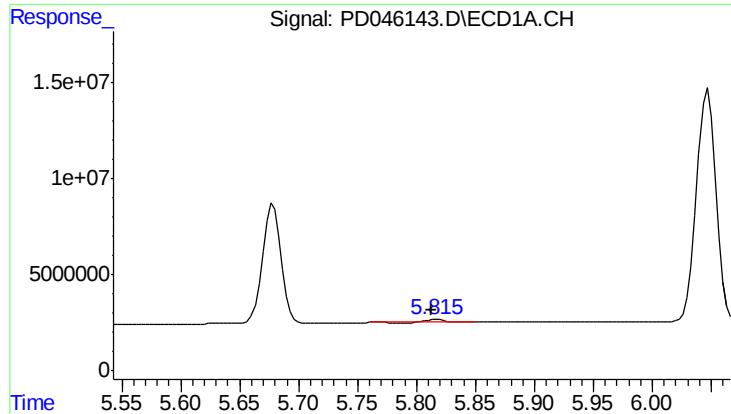
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 5.948 min
Response: 0
Conc: N.D.



#15 Endosulfan II

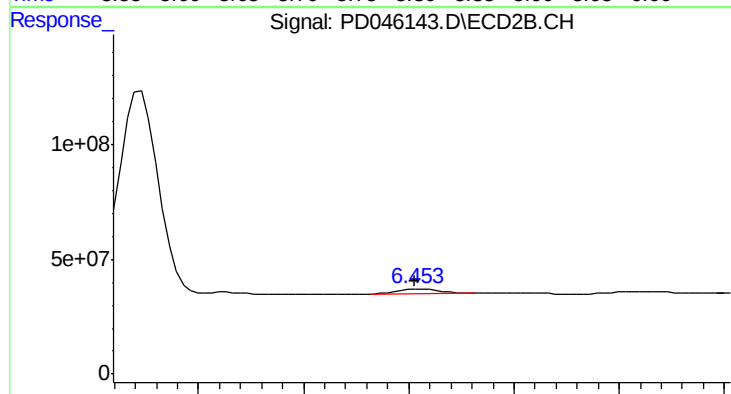
R.T.: 6.565 min
Delta R.T.: 0.044 min
Response: 16784984
Conc: 0.74 ng/ml



#16 4,4'-DDD

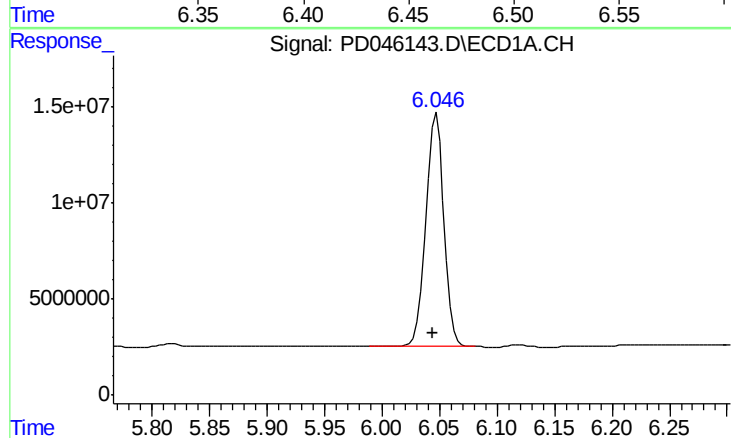
R.T.: 5.817 min
Delta R.T.: 0.004 min
Response: 1186872
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
PEM05



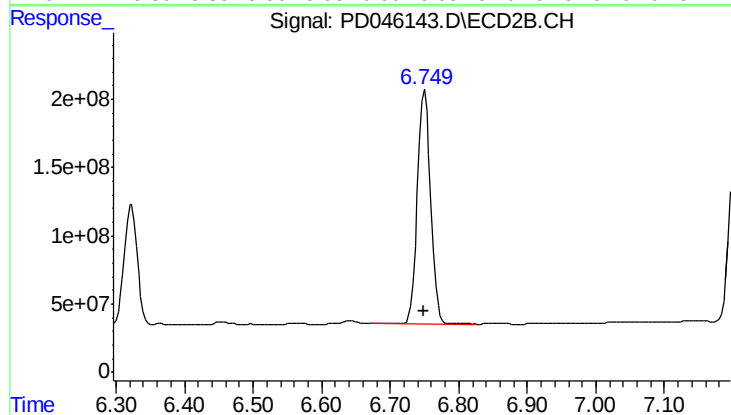
#16 4,4'-DDD

R.T.: 6.455 min
Delta R.T.: 0.003 min
Response: 26031853
Conc: 1.19 ng/ml



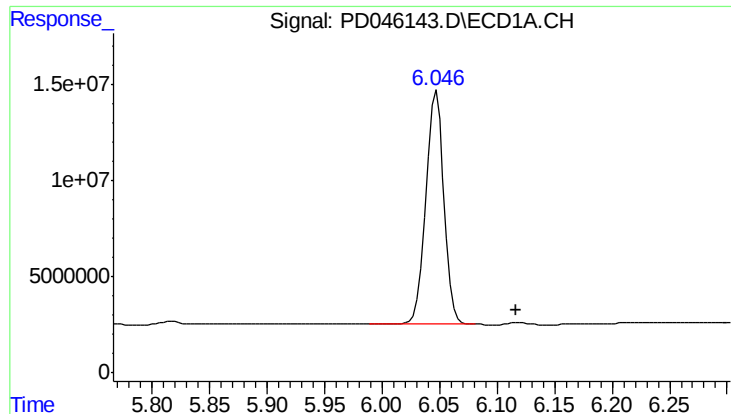
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: 0.004 min
Response: 136975208
Conc: 94.59 ng/ml



#17 4,4'-DDT

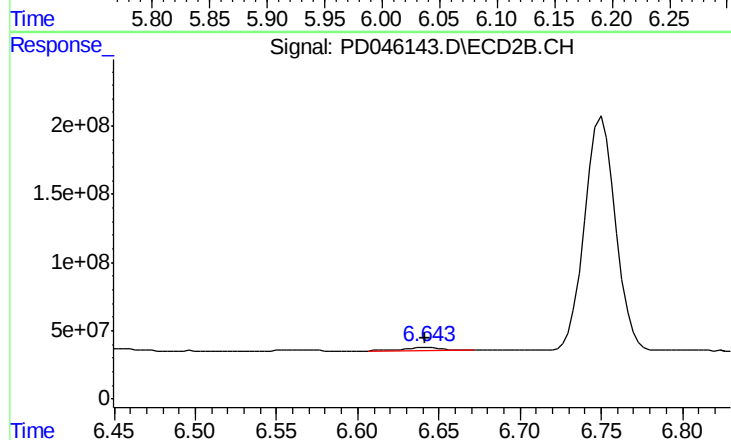
R.T.: 6.750 min
Delta R.T.: 0.002 min
Response: 2287630148
Conc: 105.04 ng/ml



#18 Endrin aldehyde

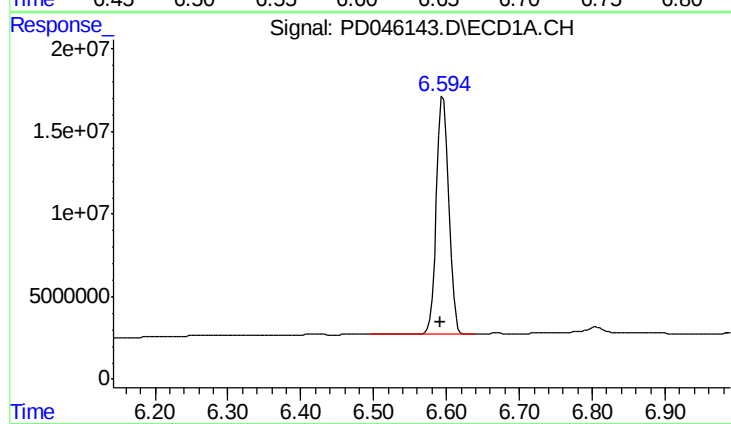
R.T.: 6.047 min
Delta R.T.: -0.069 min
Response: 136975208
Conc: 111.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
PEM05



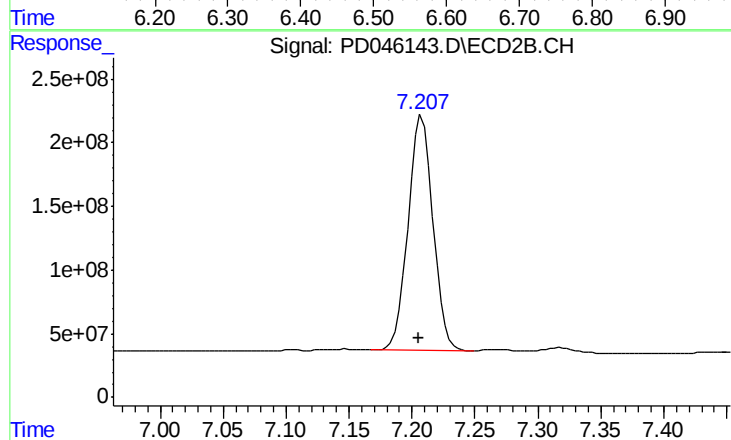
#18 Endrin aldehyde

R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 36799941
Conc: 1.86 ng/ml



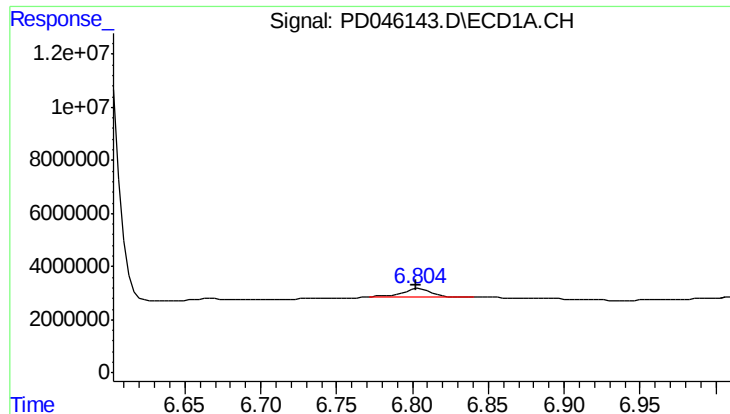
#20 Methoxychlor

R.T.: 6.596 min
Delta R.T.: 0.004 min
Response: 170269623
Conc: 226.60 ng/ml



#20 Methoxychlor

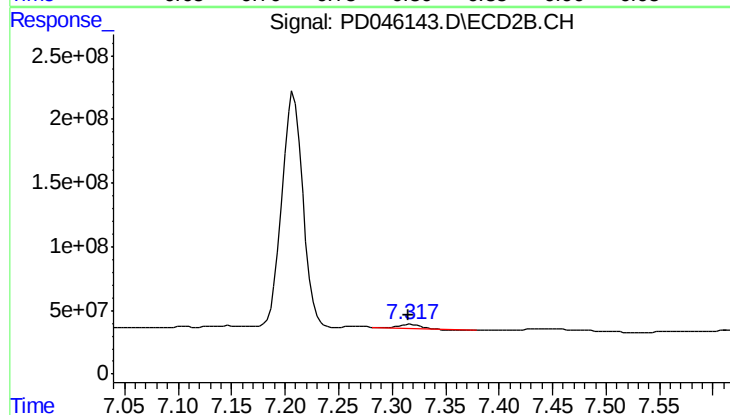
R.T.: 7.208 min
Delta R.T.: 0.003 min
Response: 2521269638
Conc: 255.60 ng/ml



#21 Endrin ketone

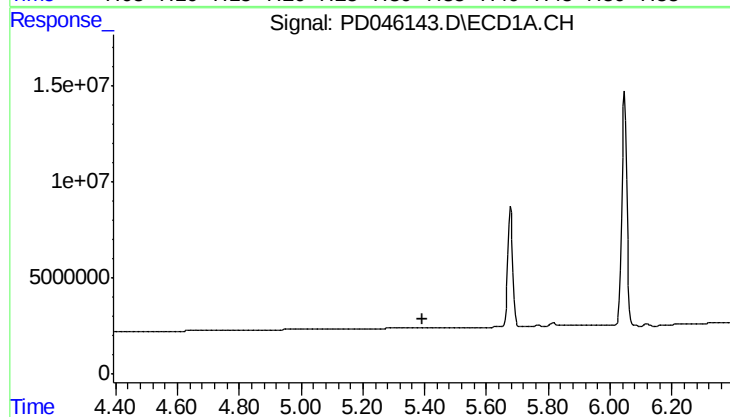
R.T.: 6.805 min
Delta R.T.: 0.003 min
Response: 4323768
Conc: 2.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
PEM05



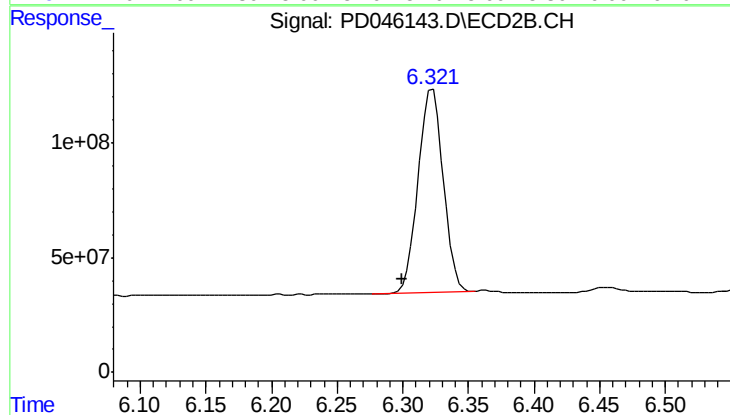
#21 Endrin ketone

R.T.: 7.318 min
Delta R.T.: 0.003 min
Response: 35727890
Conc: 1.71 ng/ml



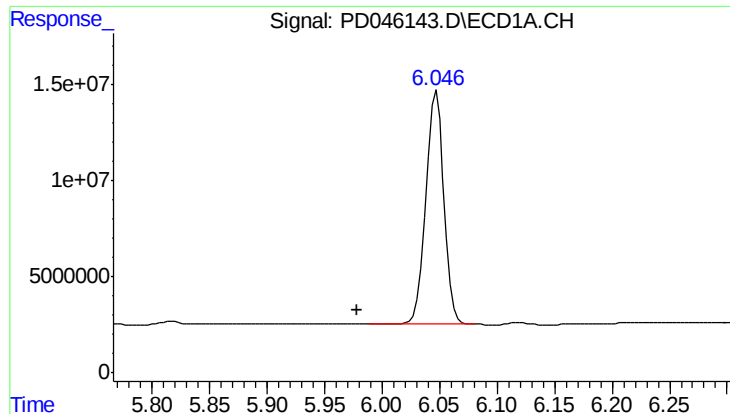
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T.: 5.393 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

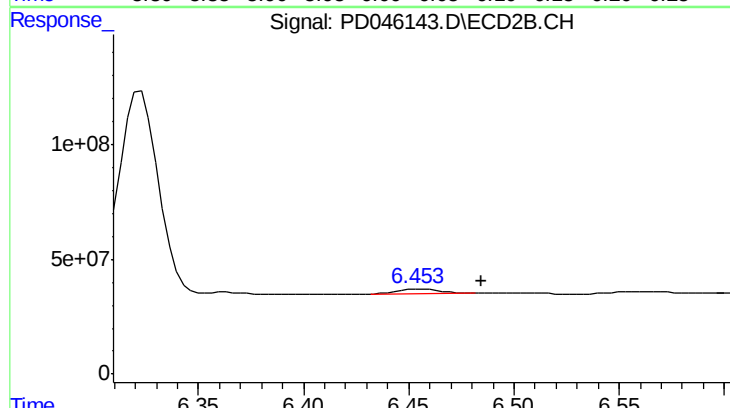
R.T.: 6.323 min
Delta R.T.: 0.023 min
Response: 1174649869
Conc: 5637.56 ng/ml



#23 Toxaphene-2

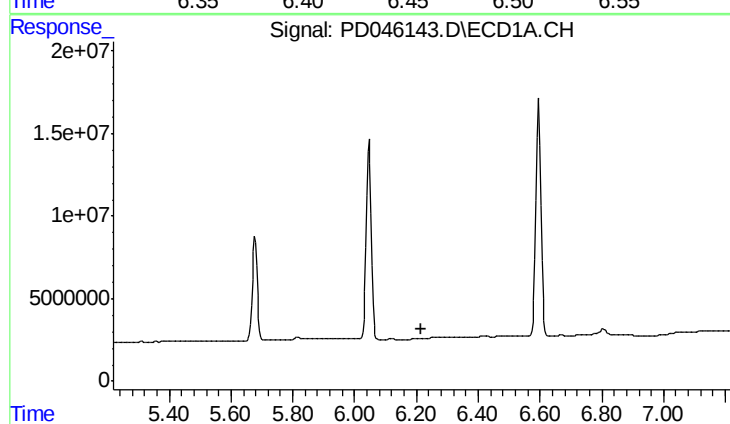
R.T.: 6.047 min
Delta R.T.: 0.068 min
Response: 136975208
Conc: 5349.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
PEM05



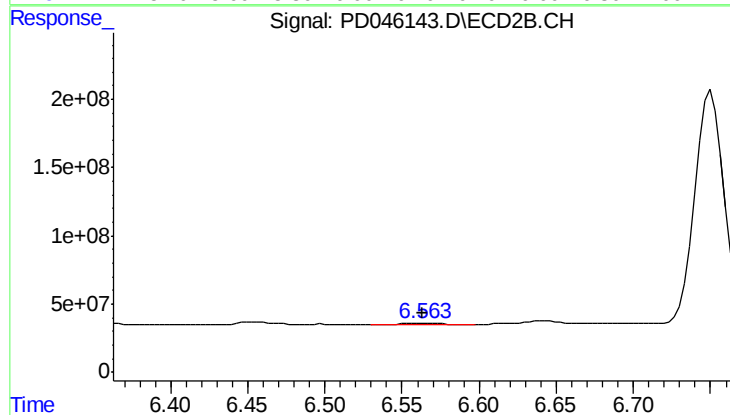
#23 Toxaphene-2

R.T.: 6.455 min
Delta R.T.: -0.030 min
Response: 26031853
Conc: 78.98 ng/ml



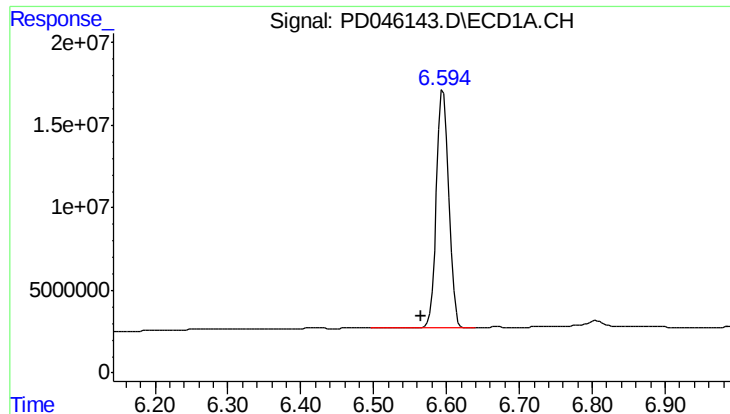
#24 Toxaphene-3

R.T.: 0.000 min
Exp R.T.: 6.218 min
Response: 0
Conc: N.D.



#24 Toxaphene-3

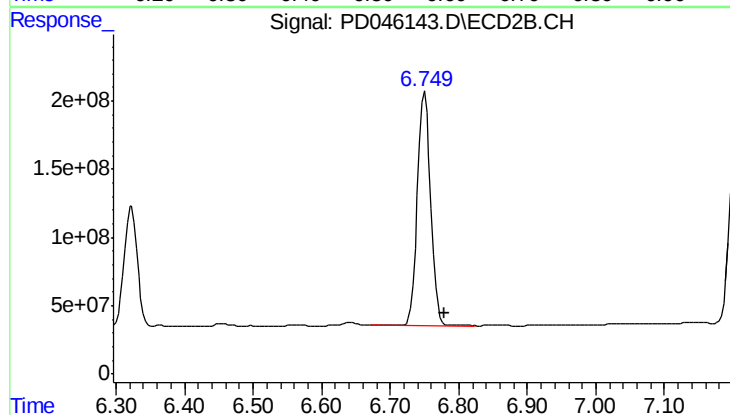
R.T.: 6.565 min
Delta R.T.: 0.002 min
Response: 16784984
Conc: 22.24 ng/ml



#25 Toxaphene-4

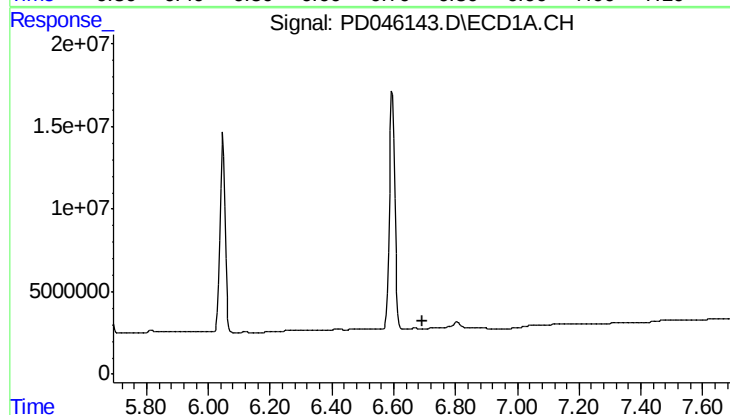
R.T.: 6.596 min
Delta R.T.: 0.030 min
Response: 170269623
Conc: 7469.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
PEM05



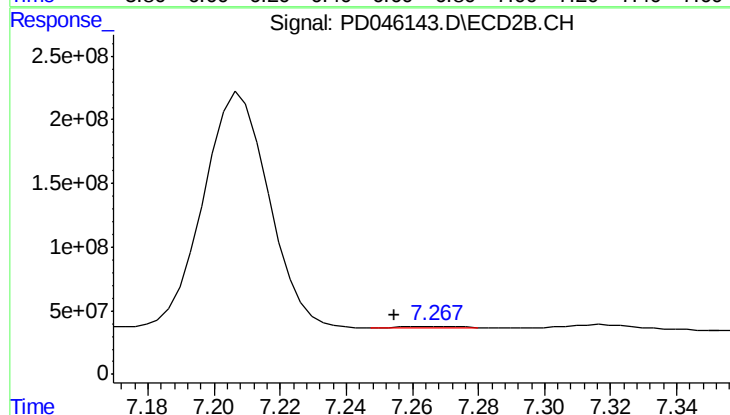
#25 Toxaphene-4

R.T.: 6.750 min
Delta R.T.: -0.028 min
Response: 2287630148
Conc: 3758.59 ng/ml



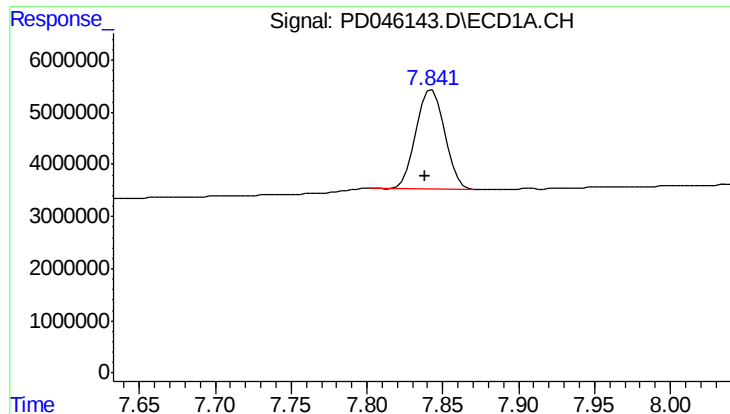
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T.: 6.692 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

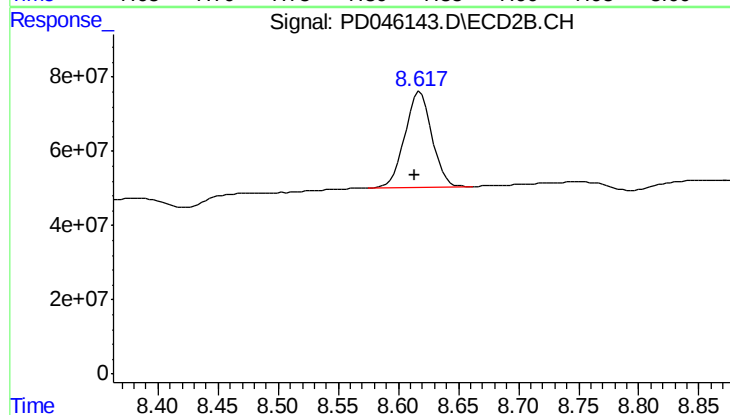
R.T.: 7.268 min
Delta R.T.: 0.014 min
Response: 5968363
Conc: 24.78 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.843 min
Delta R.T.: 0.005 min
Response: 24756385
Conc: 18.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
PEM05



#27 Decachlorobiphenyl

R.T.: 8.618 min
Delta R.T.: 0.004 min
Response: 404622632
Conc: 23.48 ng/ml