

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060823AL\
 Data File : FE042495.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jun 2023 13:28
 Operator : YP\AJ
 Sample : 03049-04DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 08 15:17:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.987	466540	2.642 ug/ml
Spiked Amount 50.000		Recovery =	5.28%
12) S 1-chlorooctadecane (S...	13.386	3270733	24.614 ug/ml
Spiked Amount 50.000		Recovery =	49.23%
Target Compounds			
7) T n-Hexadecane (C16)	10.199	260379	1.672 ug/ml
8) T n-Octadecane (C18)	11.716f	278502	1.761 ug/ml
10) T n-Eicosane (C20)	13.012f	7657845	50.519 ug/ml
11) T n-Heneicosane (C21)	13.572	298649	2.016 ug/ml
13) T n-Docosane (C22)	14.170	661398	4.512 ug/ml
14) T n-Tetracosane (C24)	15.227	2771975	19.202 ug/ml
16) T n-Octacosane (C28)	17.226	976286	7.292 ug/ml
17) T n-Tricontane (C30)	18.106	521290	3.862 ug/ml
18) T n-Dotriacontane (C32)	18.885f	479991	3.593 ug/ml
20) T n-Hexatriacontane (C36)	20.431	281549	2.166 ug/ml

(f)=RT Delta > 1/2 Window

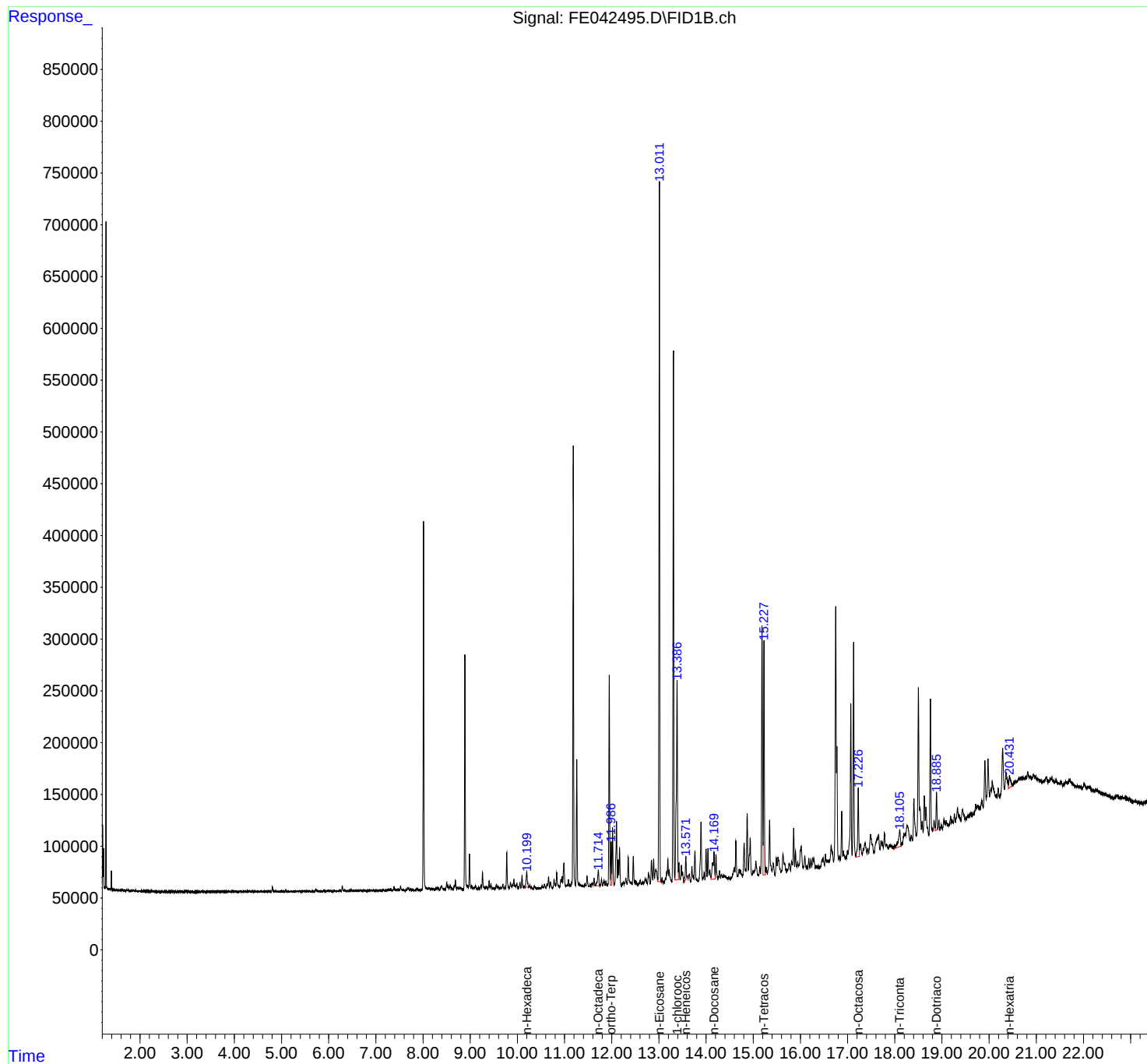
(m)=manual int.

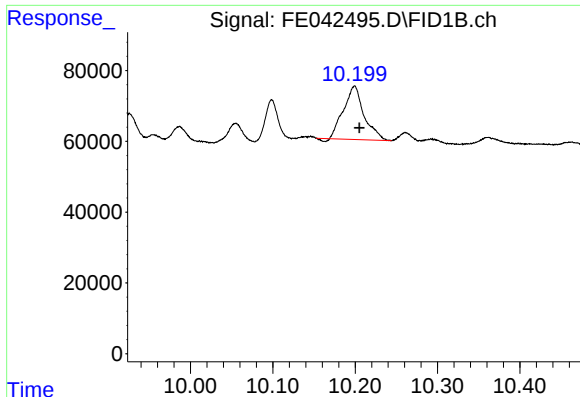
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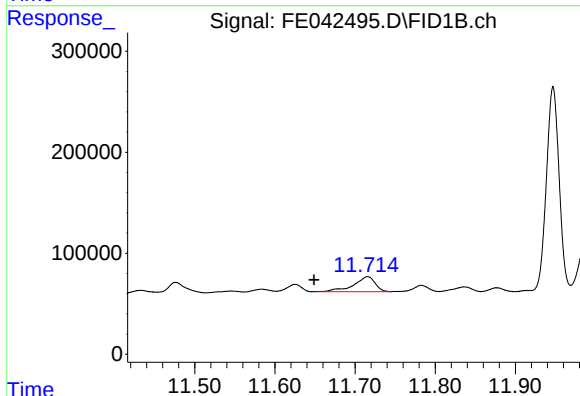




#7 n-Hexadecane (C16)

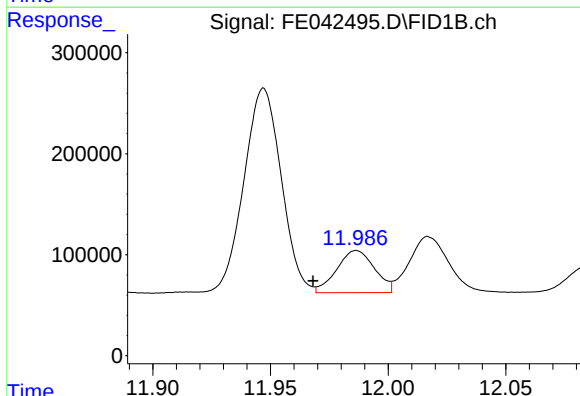
R.T.: 10.199 min
Delta R.T.: -0.006 min
Response: 260379
Conc: 1.67 ug/ml

Instrument :
FID_E
ClientSampleId :



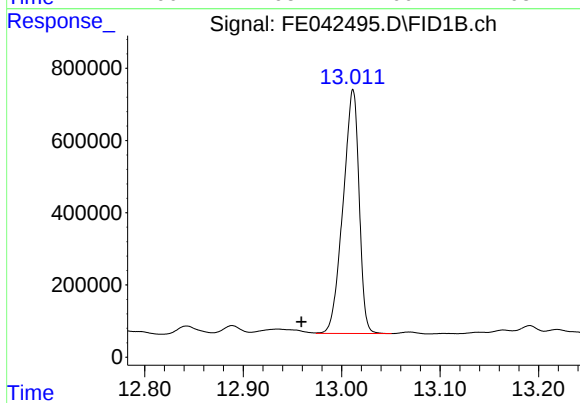
#8 n-Octadecane (C18)

R.T.: 11.716 min
Delta R.T.: 0.067 min
Response: 278502
Conc: 1.76 ug/ml



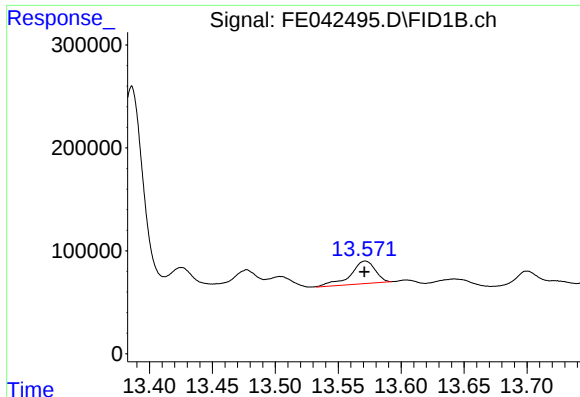
#9 ortho-Terphenyl (SURR)

R.T.: 11.987 min
Delta R.T.: 0.018 min
Response: 466540
Conc: 2.64 ug/ml



#10 n-Eicosane (C20)

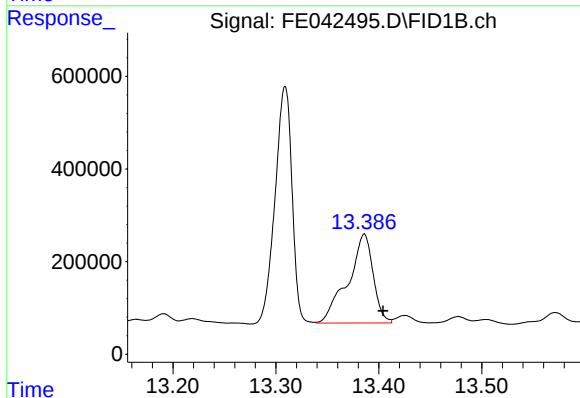
R.T.: 13.012 min
Delta R.T.: 0.052 min
Response: 7657845
Conc: 50.52 ug/ml



#11 n-Heneicosane (C21)

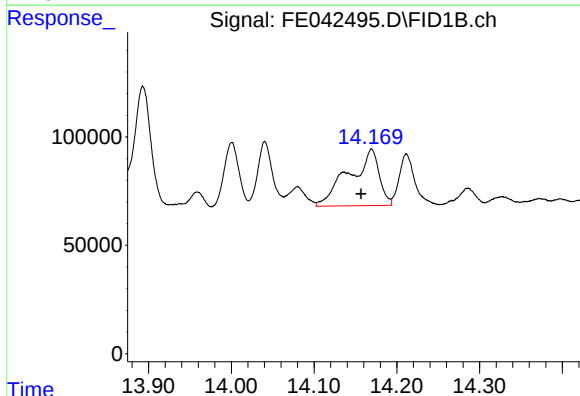
R.T.: 13.572 min
Delta R.T.: 0.000 min
Response: 298649
Conc: 2.02 ug/ml

Instrument :
FID_E
ClientSampleId :



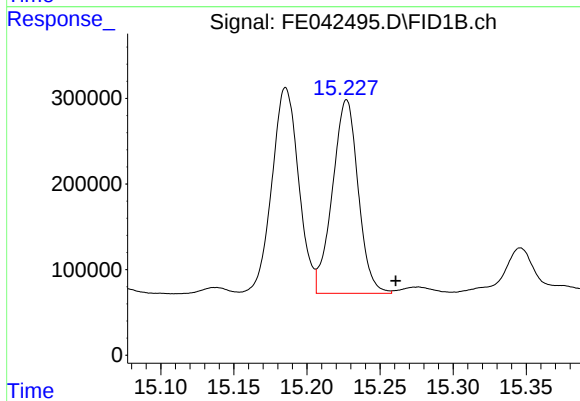
#12 1-chlorooctadecane (SURR)

R.T.: 13.386 min
Delta R.T.: -0.018 min
Response: 3270733
Conc: 24.61 ug/ml



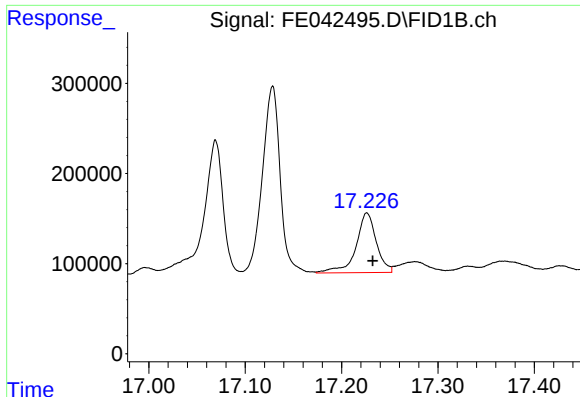
#13 n-Docosane (C22)

R.T.: 14.170 min
Delta R.T.: 0.012 min
Response: 661398
Conc: 4.51 ug/ml



#14 n-Tetracosane (C24)

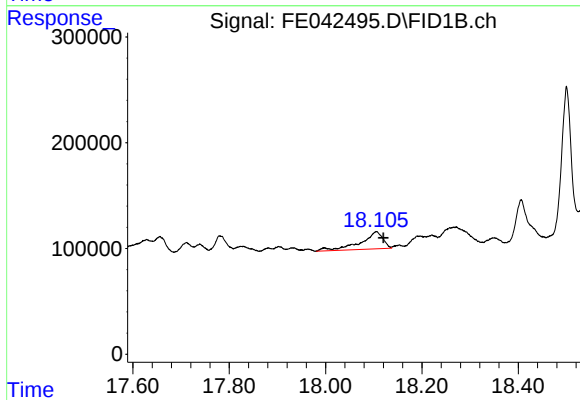
R.T.: 15.227 min
Delta R.T.: -0.034 min
Response: 2771975
Conc: 19.20 ug/ml



#16 n-Octacosane (C28)

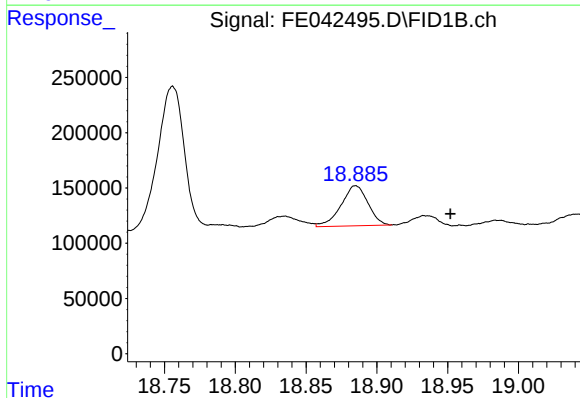
R.T.: 17.226 min
Delta R.T.: -0.006 min
Response: 976286
Conc: 7.29 ug/ml

Instrument :
FID_E
ClientSampleId :



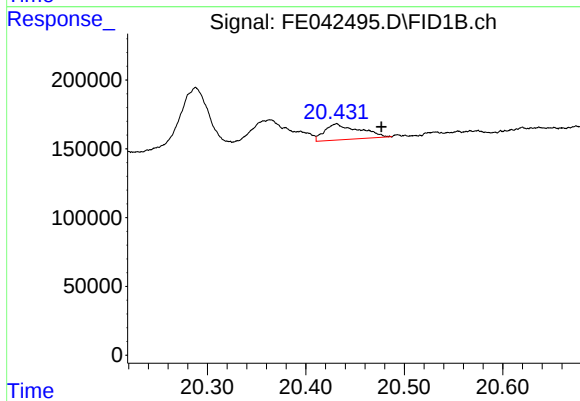
#17 n-Tricontane (C30)

R.T.: 18.106 min
Delta R.T.: -0.014 min
Response: 521290
Conc: 3.86 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.067 min
Response: 479991
Conc: 3.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: -0.046 min
Response: 281549
Conc: 2.17 ug/ml