

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053247.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2025 21:08
 Operator : YP\AJ
 Sample : Q1745-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 05:08:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 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)	11.895	6244151	38.335 ug/ml
Spiked Amount 50.000		Recovery =	76.67%
12) S 1-chlorooctadecane (S...	13.340	5169734	43.065 ug/ml
Spiked Amount 50.000		Recovery =	86.13%
Target Compounds			
10) T n-Eicosane (C20)	12.892	172549	1.210 ug/ml
11) T n-Heneicosane (C21)	13.523	174487	1.257 ug/ml
13) T n-Docosane (C22)	14.094	144066	1.052 ug/ml
14) T n-Tetracosane (C24)	15.181	965829	7.151 ug/ml
15) T n-Hexacosane (C26)	16.224	180011	1.349 ug/ml
16) T n-Octacosane (C28)	17.187	479350	3.632 ug/ml
17) T n-Tricontane (C30)	18.066	220996	1.630 ug/ml
18) T n-Dotriacontane (C32)	18.899	272151	2.022 ug/ml
19) T n-Tetratriacontane (C34)	19.688	232676	1.798 ug/ml
20) T n-Hexatriacontane (C36)	20.427	119572	1.007 ug/ml

(f)=RT Delta > 1/2 Window

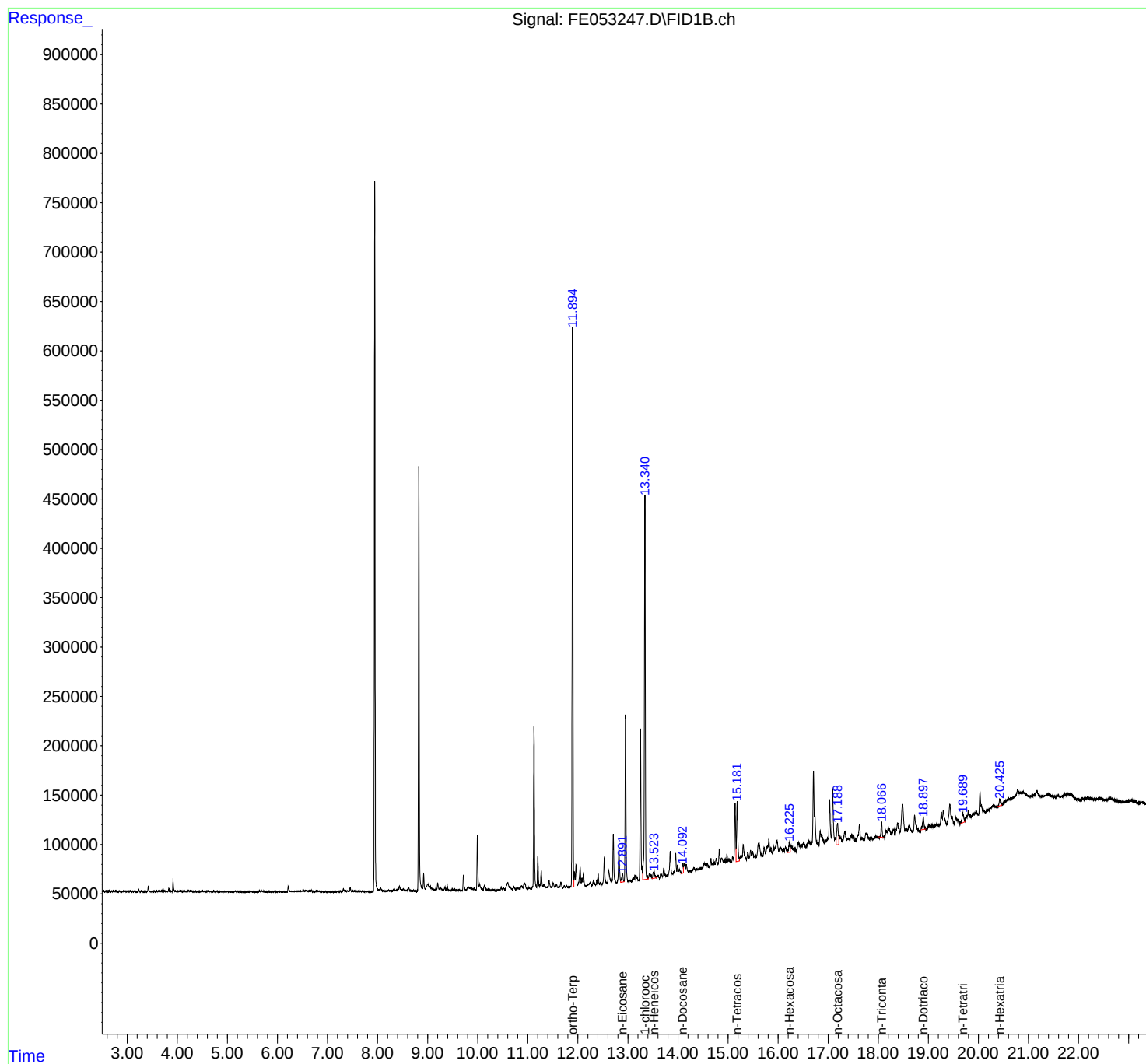
(m)=manual int.

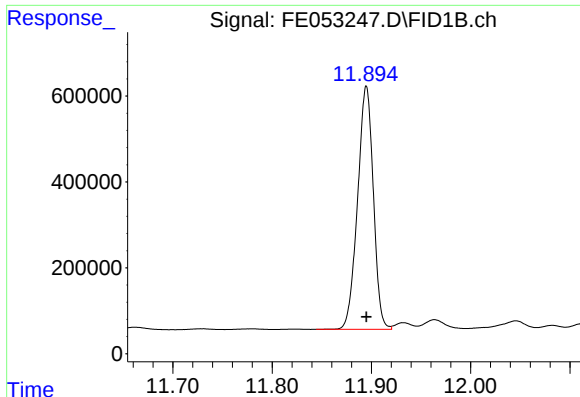
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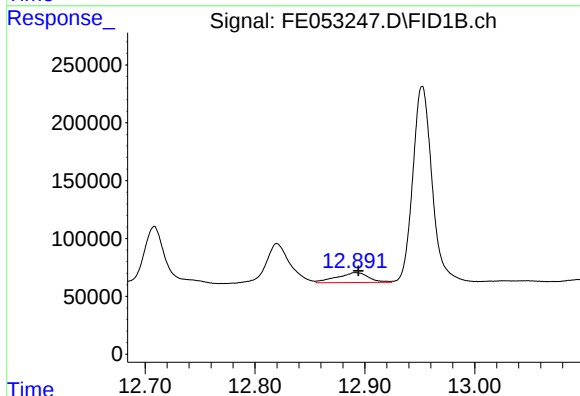




#9 ortho-Terphenyl (SURR)

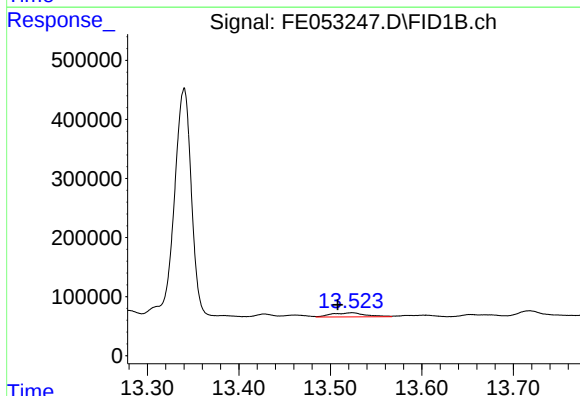
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 6244151
Conc: 38.34 ug/ml

Instrument :
FID_E
ClientSampleId :



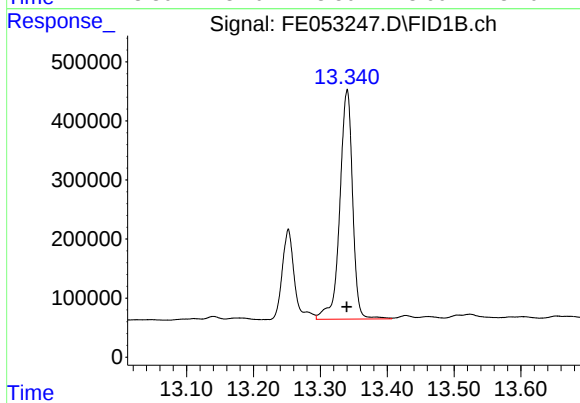
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.002 min
Response: 172549
Conc: 1.21 ug/ml



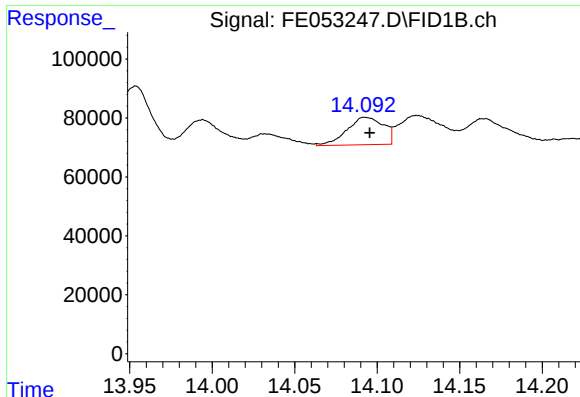
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.015 min
Response: 174487
Conc: 1.26 ug/ml



#12 1-chlorooctadecane (SURR)

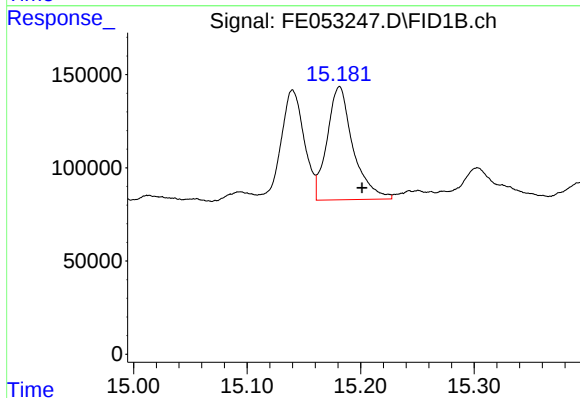
R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 5169734
Conc: 43.07 ug/ml



#13 n-Docosane (C22)

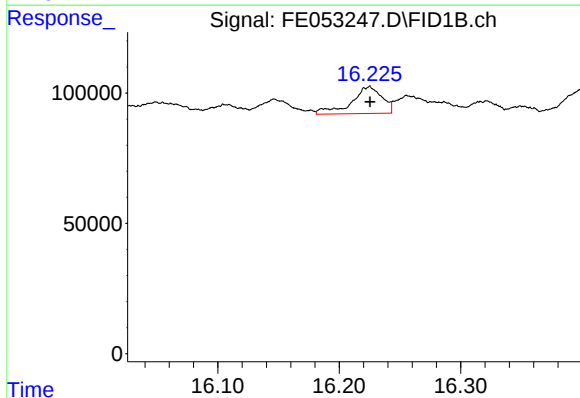
R.T.: 14.094 min
Delta R.T.: -0.002 min
Response: 144066
Conc: 1.05 ug/ml

Instrument :
FID_E
ClientSampleId :



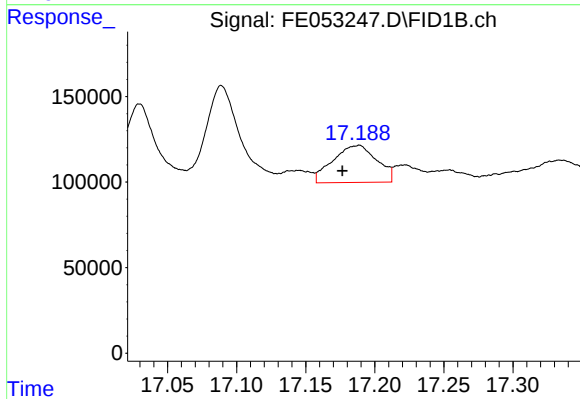
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.020 min
Response: 965829
Conc: 7.15 ug/ml



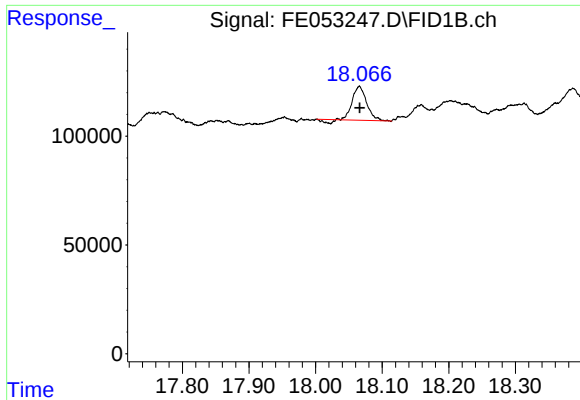
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.001 min
Response: 180011
Conc: 1.35 ug/ml



#16 n-Octacosane (C28)

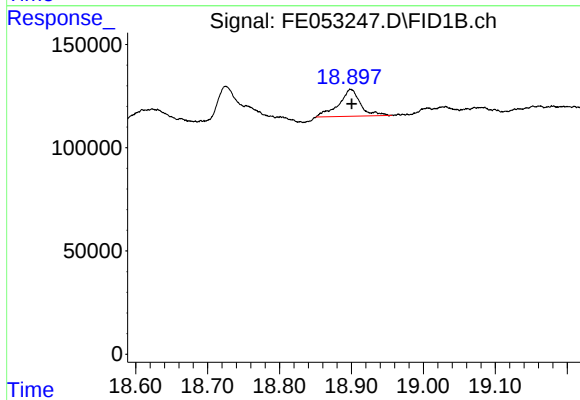
R.T.: 17.187 min
Delta R.T.: 0.011 min
Response: 479350
Conc: 3.63 ug/ml



#17 n-Tricontane (C30)

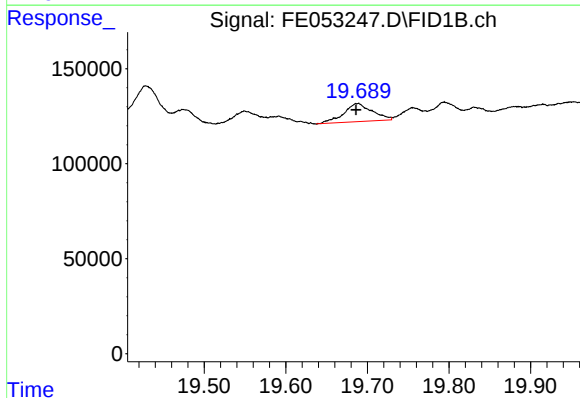
R.T.: 18.066 min
Delta R.T.: 0.000 min
Response: 220996
Conc: 1.63 ug/ml

Instrument :
FID_E
ClientSampleId :



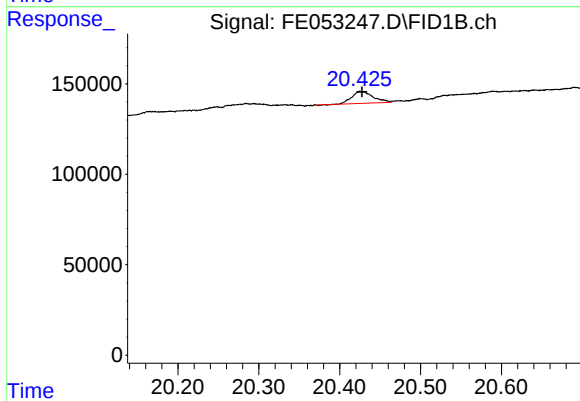
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.001 min
Response: 272151
Conc: 2.02 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: 0.002 min
Response: 232676
Conc: 1.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.427 min
Delta R.T.: -0.001 min
Response: 119572
Conc: 1.01 ug/ml