

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041923AL\
 Data File : FE041431.D
 Signal(s) : FID1B.ch
 Acq On : 19 Apr 2023 16:07
 Operator : YP\AJ
 Sample : 02389-02 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 20 01:58:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.832	580582	3.089 ug/ml
Spiked Amount 50.000		Recovery =	6.18%
12) S 1-chlorooctadecane (S...	13.309	32665	0.227 ug/ml
Spiked Amount 50.000		Recovery =	0.45%
Target Compounds			
7) T n-Hexadecane (C16)	10.078	25898	0.146 ug/ml
8) T n-Octadecane (C18)	11.516	32405	0.181 ug/ml
10) T n-Eicosane (C20)	12.829	57659	0.338 ug/ml
11) T n-Heneicosane (C21)	13.489	69671	0.412 ug/ml
13) T n-Docosane (C22)	14.047	9418	0.057 ug/ml
14) T n-Tetracosane (C24)	15.137	391187	2.418 ug/ml
15) T n-Hexacosane (C26)	16.174	143005	0.923 ug/ml
16) T n-Octacosane (C28)	17.122	516680	3.373 ug/ml
17) T n-Tricontane (C30)	18.028	184665	1.208 ug/ml
18) T n-Dotriacontane (C32)	18.833	75382	0.483 ug/ml
19) T n-Tetratriacontane (C34)	19.632	115109	0.743 ug/ml
20) T n-Hexatriacontane (C36)	20.358	70925	0.467 ug/ml
21) T n-Octatriacontane (C38)	21.076	47734	0.306 ug/ml
22) T n-Tetracontane (C40)	21.954	101191	0.634 ug/ml

(f)=RT Delta > 1/2 Window

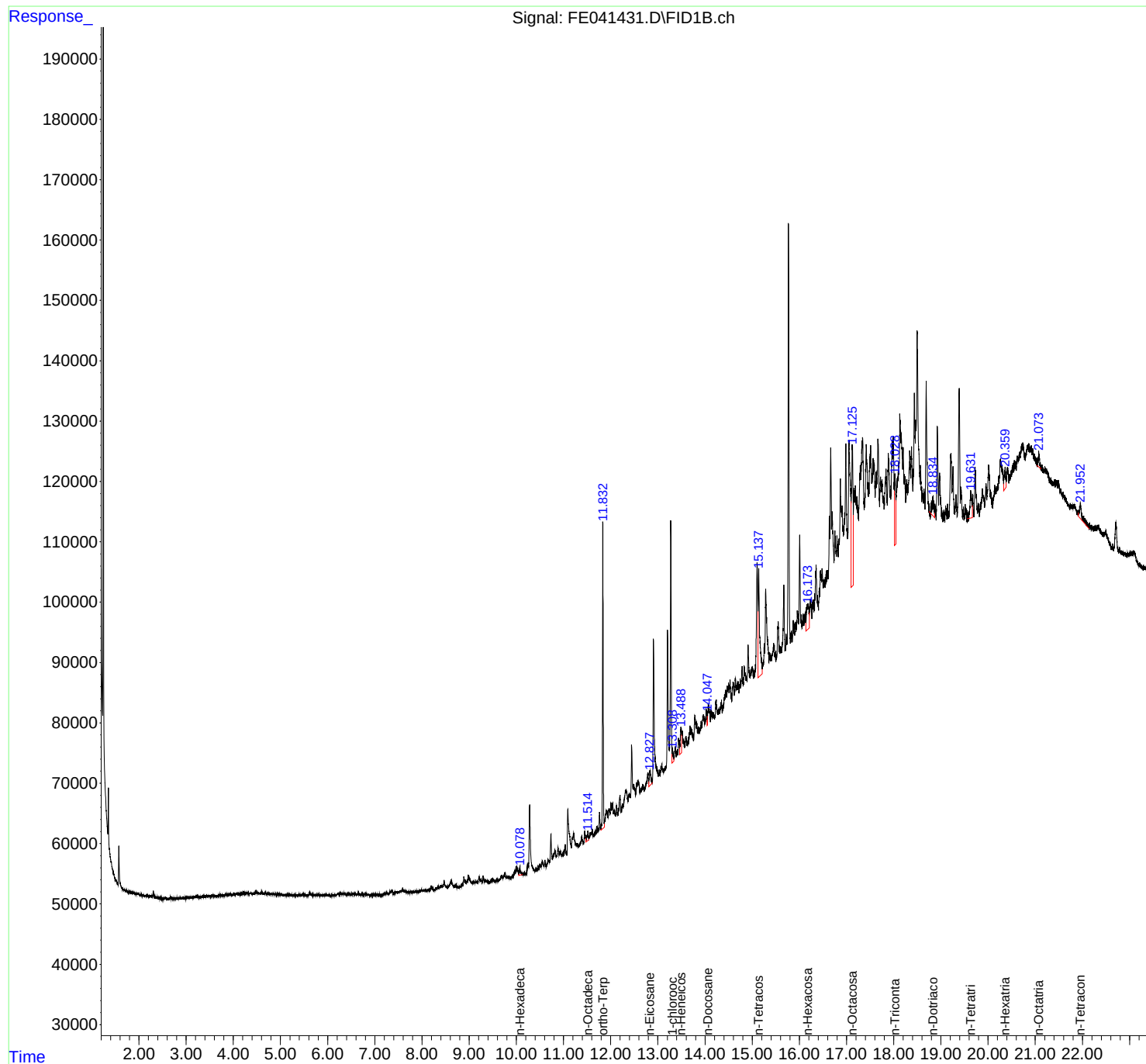
(m)=manual int.

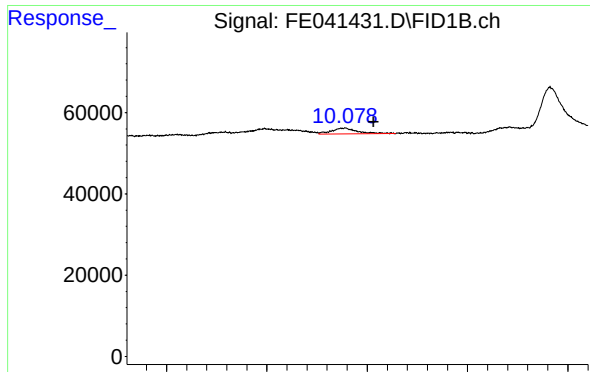
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041923AL\
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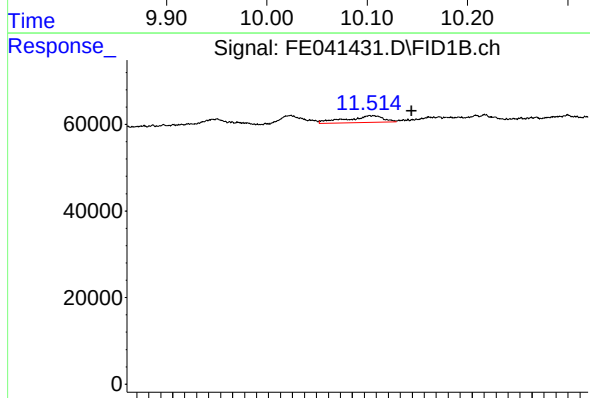




#7 n-Hexadecane (C16)

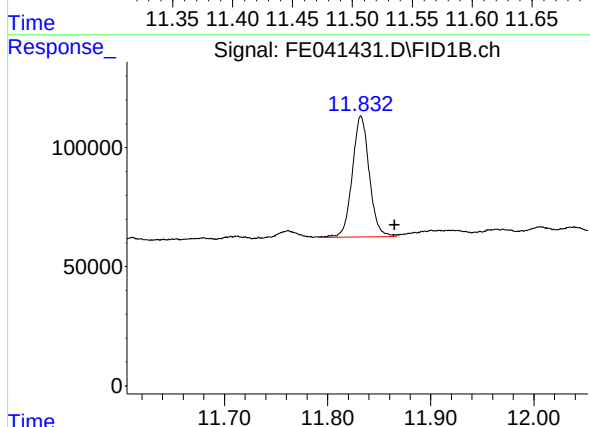
R.T.: 10.078 min
Delta R.T.: -0.029 min
Response: 25898
Conc: 0.15 ug/ml

Instrument :
FID_E
ClientSampleId :



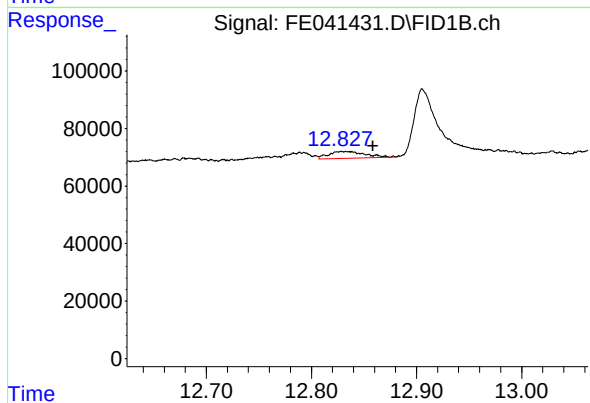
#8 n-Octadecane (C18)

R.T.: 11.516 min
Delta R.T.: -0.034 min
Response: 32405
Conc: 0.18 ug/ml



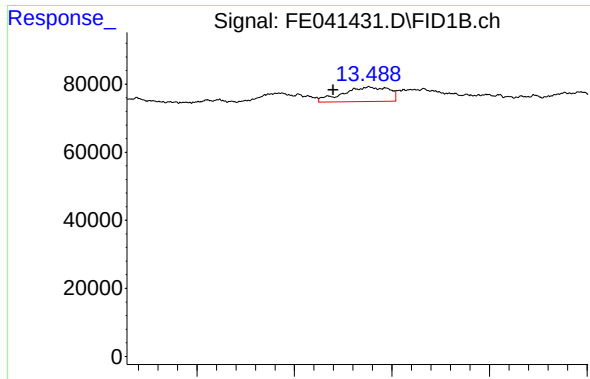
#9 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.033 min
Response: 580582
Conc: 3.09 ug/ml



#10 n-Eicosane (C20)

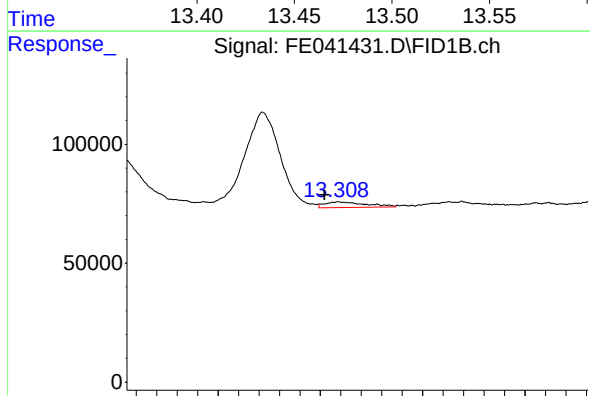
R.T.: 12.829 min
Delta R.T.: -0.030 min
Response: 57659
Conc: 0.34 ug/ml



#11 n-Heneicosane (C21)

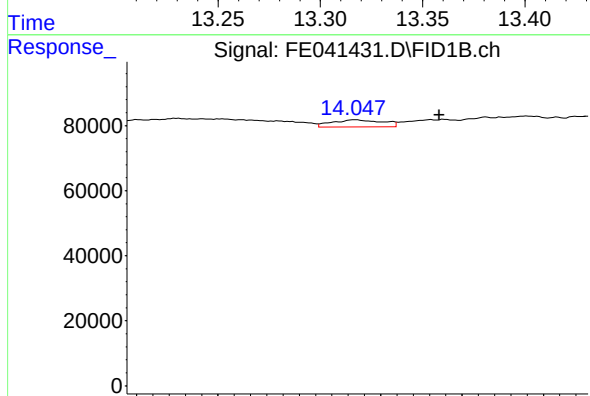
R.T.: 13.489 min
Delta R.T.: 0.019 min
Response: 69671
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :



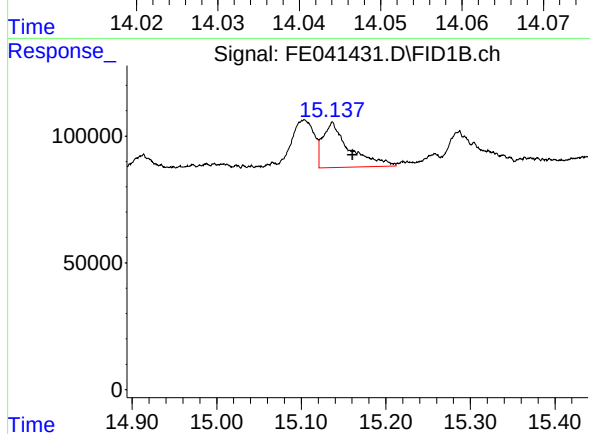
#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: 0.007 min
Response: 32665
Conc: 0.23 ug/ml



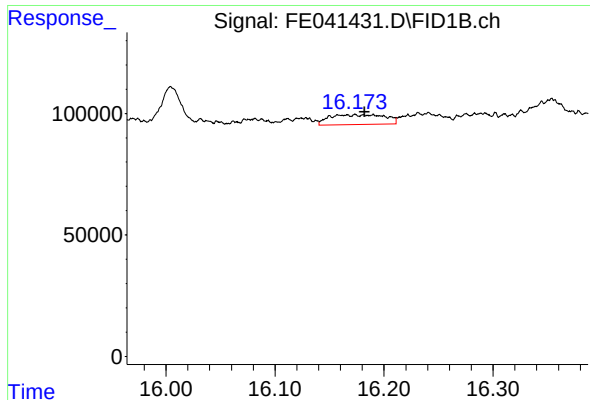
#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: -0.010 min
Response: 9418
Conc: 0.06 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.024 min
Response: 391187
Conc: 2.42 ug/ml



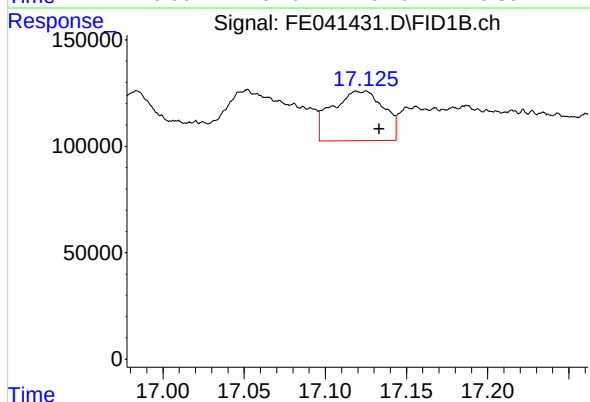
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.008 min
Response: 143005
Conc: 0.92 ug/ml

Instrument :

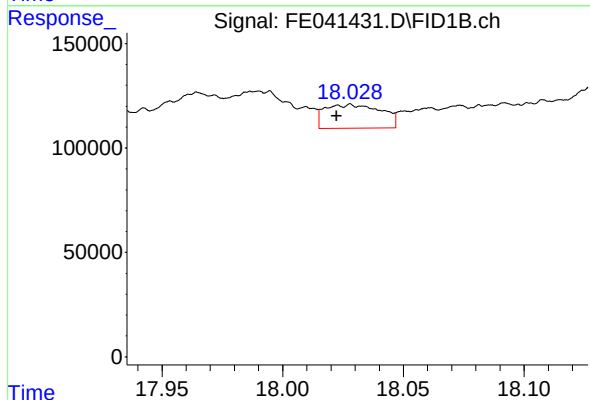
FID_E

ClientSampleId :



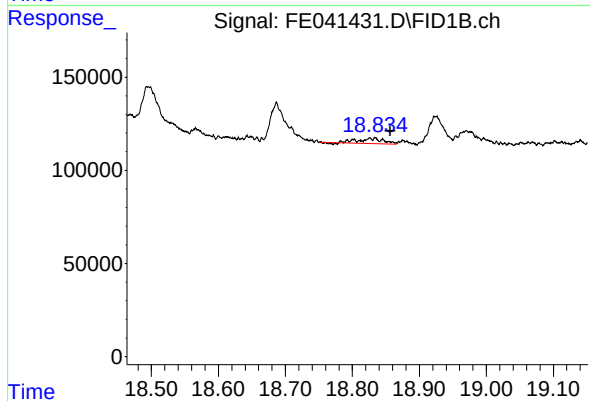
#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: -0.011 min
Response: 516680
Conc: 3.37 ug/ml



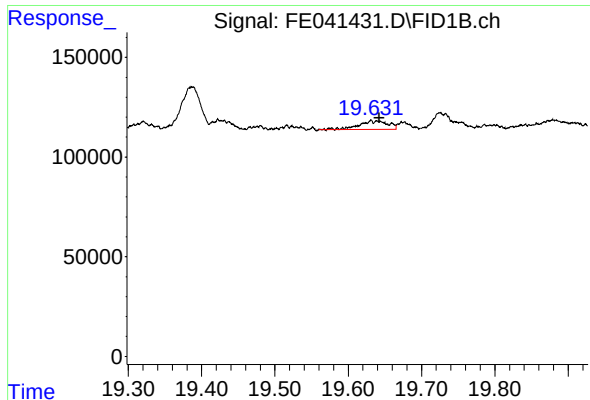
#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: 0.006 min
Response: 184665
Conc: 1.21 ug/ml



#18 n-Dotriacontane (C32)

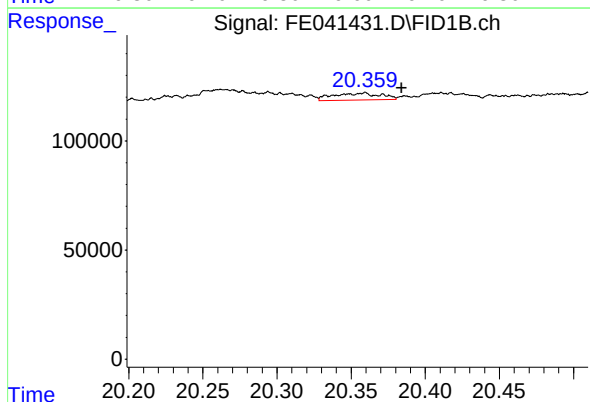
R.T.: 18.833 min
Delta R.T.: -0.023 min
Response: 75382
Conc: 0.48 ug/ml



#19 n-Tetratriacontane (C34)

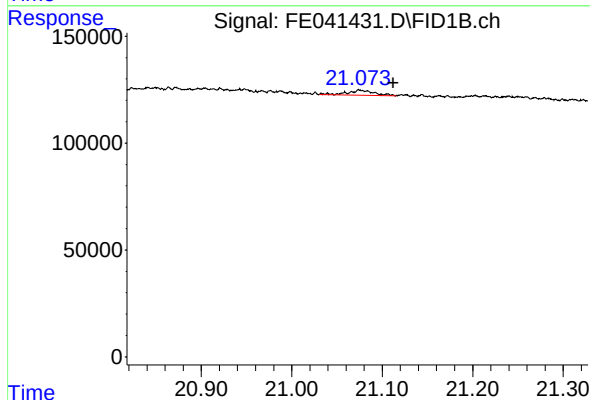
R.T.: 19.632 min
Delta R.T.: -0.010 min
Response: 115109
Conc: 0.74 ug/ml

Instrument :
FID_E
ClientSampleId :



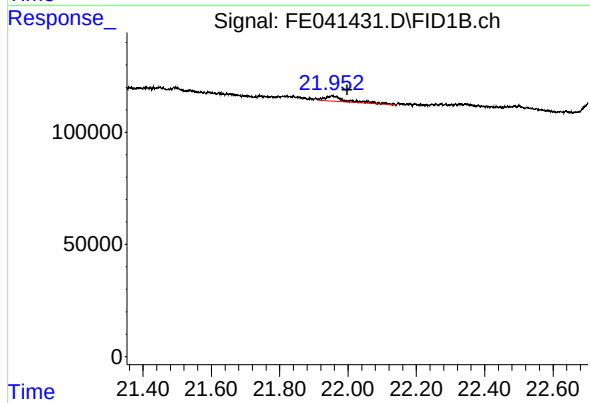
#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.026 min
Response: 70925
Conc: 0.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: -0.036 min
Response: 47734
Conc: 0.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.954 min
Delta R.T.: -0.044 min
Response: 101191
Conc: 0.63 ug/ml