

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082823AL\
 Data File : FF013410.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2023 21:24
 Operator : YP\AJ
 Sample : 04183-02
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 28 22:22:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.896	4481619	32.619 ug/ml
Spiked Amount 50.000		Recovery =	65.24%
12) S 1-chlorooctadecane (S...	13.328	15680069	149.628 ug/ml
Spiked Amount 50.000		Recovery =	299.26%
Target Compounds			
7) T n-Hexadecane (C16)	10.134	123130	1.136 ug/ml
8) T n-Octadecane (C18)	11.578	399667	3.650 ug/ml
10) T n-Eicosane (C20)	12.888	412097	3.755 ug/ml
11) T n-Heneicosane (C21)	13.514	1067151	9.713 ug/ml
13) T n-Docosane (C22)	14.088	275213	2.507 ug/ml
14) T n-Tetracosane (C24)	15.188	213894	1.947 ug/ml
15) T n-Hexacosane (C26)	16.212	170564	1.561 ug/ml
16) T n-Octacosane (C28)	17.159	192686	1.785 ug/ml
17) T n-Tricontane (C30)	18.048	196324	1.795 ug/ml
18) T n-Dotriacontane (C32)	18.882	510064	4.516 ug/ml
19) T n-Tetratriacontane (C34)	19.663	197736	1.862 ug/ml
20) T n-Hexatriacontane (C36)	20.405	664739	6.307 ug/ml
21) T n-Octatriacontane (C38)	21.138	101780	1.008 ug/ml
22) T n-Tetracontane (C40)	21.982f	23322	0.235 ug/ml

(f)=RT Delta > 1/2 Window

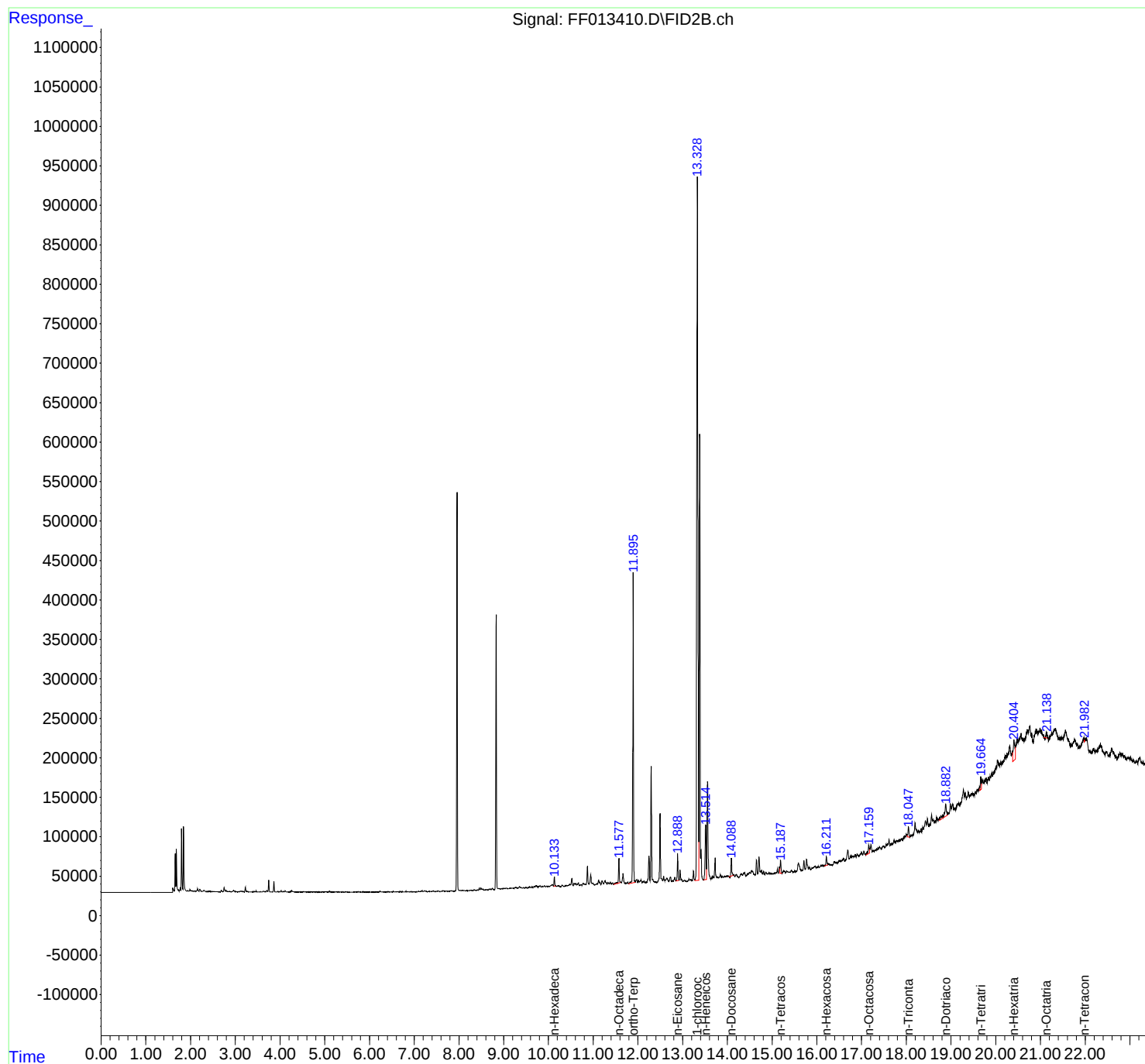
(m)=manual int.

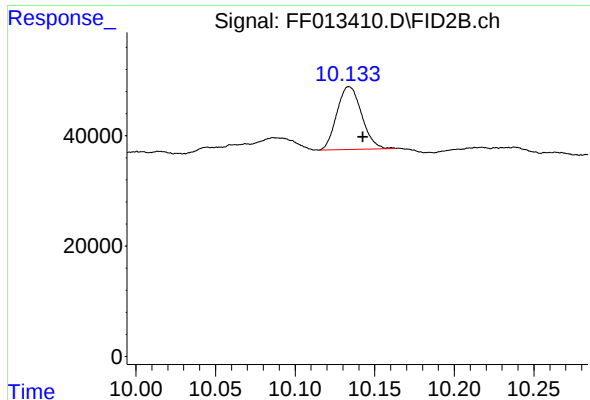
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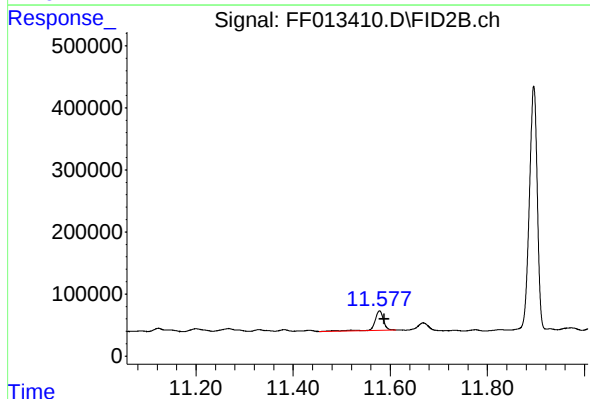




#7 n-Hexadecane (C16)

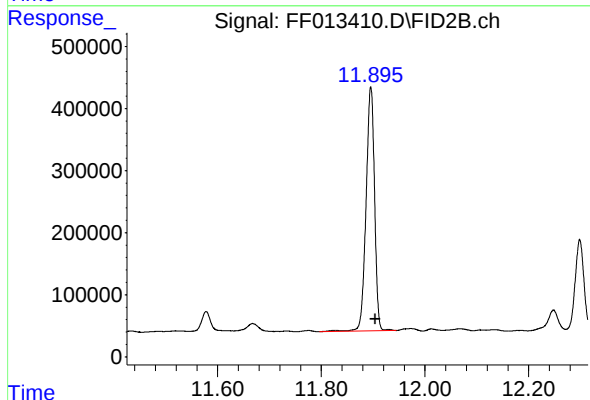
R.T.: 10.134 min
Delta R.T.: -0.009 min
Response: 123130
Conc: 1.14 ug/ml

Instrument :
FID_F
ClientSampleId :



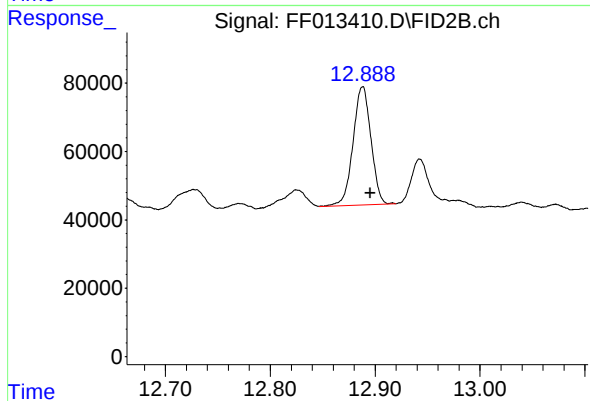
#8 n-Octadecane (C18)

R.T.: 11.578 min
Delta R.T.: -0.010 min
Response: 399667
Conc: 3.65 ug/ml



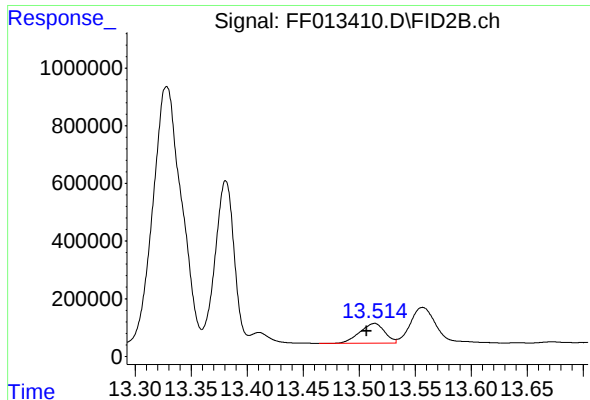
#9 ortho-Terphenyl (SURR)

R.T.: 11.896 min
Delta R.T.: -0.009 min
Response: 4481619
Conc: 32.62 ug/ml



#10 n-Eicosane (C20)

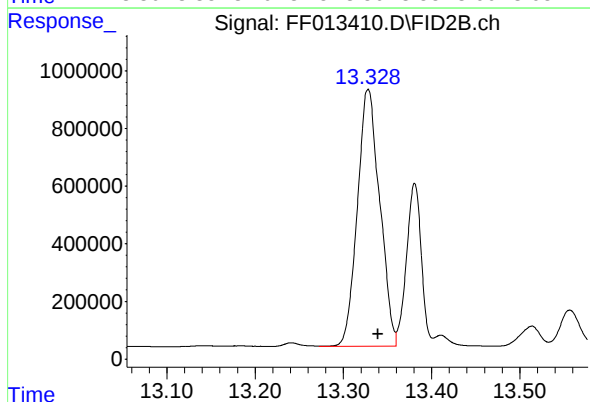
R.T.: 12.888 min
Delta R.T.: -0.007 min
Response: 412097
Conc: 3.76 ug/ml



#11 n-Heneicosane (C21)

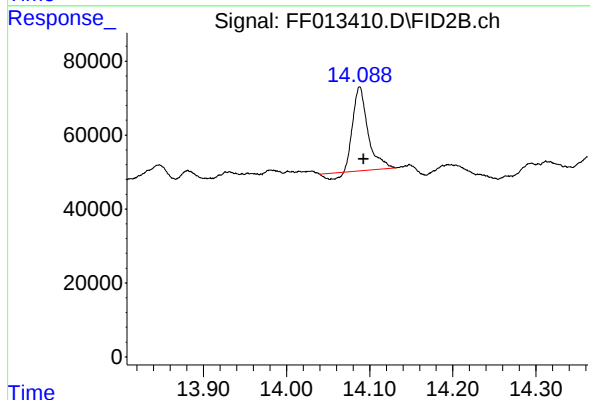
R.T.: 13.514 min
Delta R.T.: 0.007 min
Response: 1067151
Conc: 9.71 ug/ml

Instrument :
FID_F
ClientSampleId :



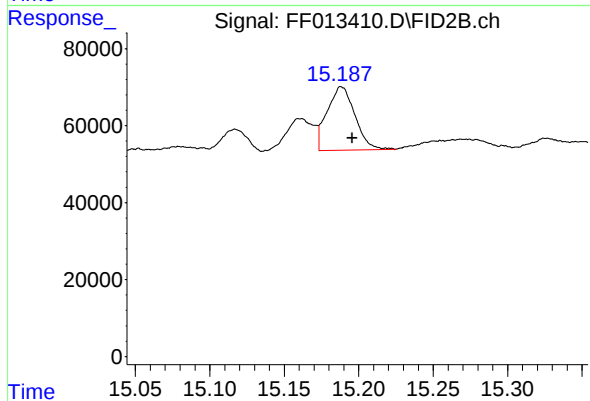
#12 1-chlorooctadecane (SURR)

R.T.: 13.328 min
Delta R.T.: -0.011 min
Response: 15680069
Conc: 149.63 ug/ml



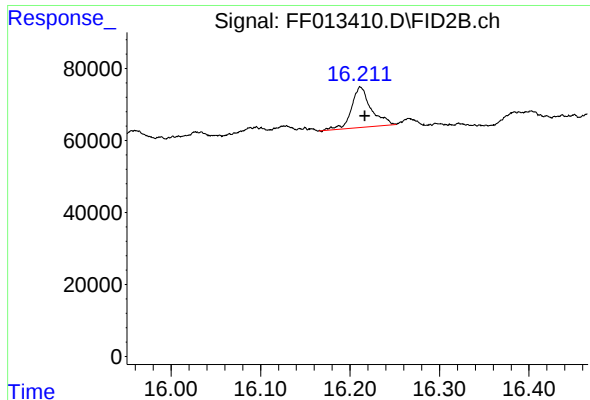
#13 n-Docosane (C22)

R.T.: 14.088 min
Delta R.T.: -0.004 min
Response: 275213
Conc: 2.51 ug/ml



#14 n-Tetracosane (C24)

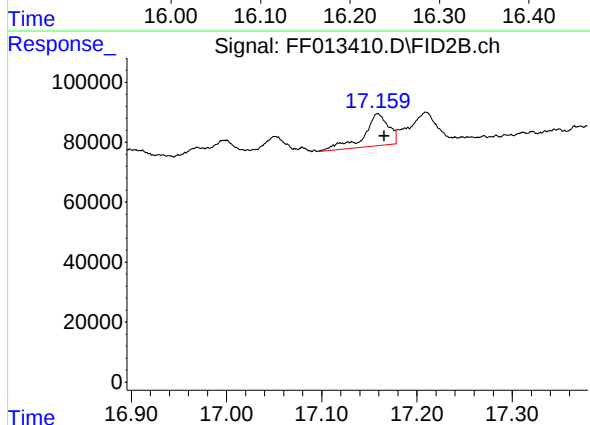
R.T.: 15.188 min
Delta R.T.: -0.007 min
Response: 213894
Conc: 1.95 ug/ml



#15 n-Hexacosane (C26)

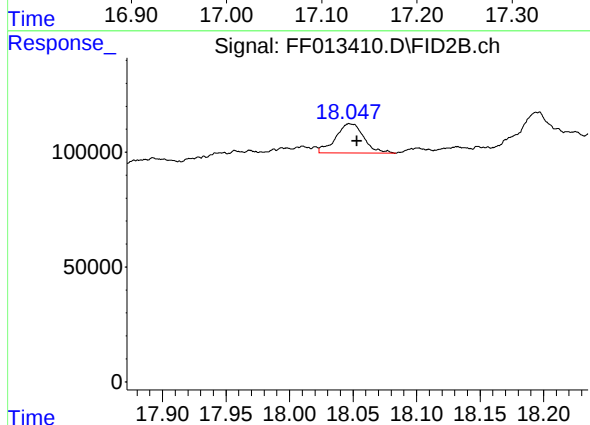
R.T.: 16.212 min
Delta R.T.: -0.005 min
Response: 170564
Conc: 1.56 ug/ml

Instrument :
FID_F
ClientSampleId :



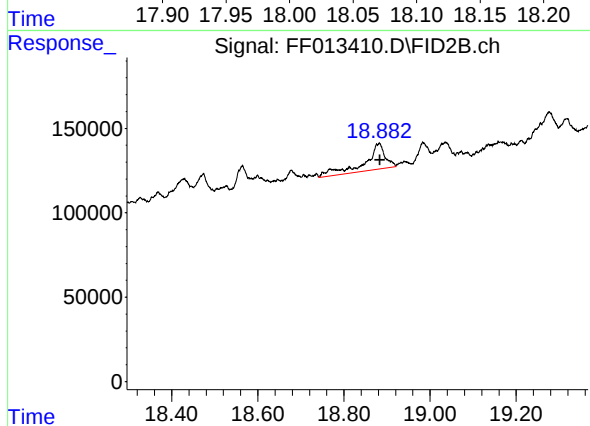
#16 n-Octacosane (C28)

R.T.: 17.159 min
Delta R.T.: -0.007 min
Response: 192686
Conc: 1.78 ug/ml



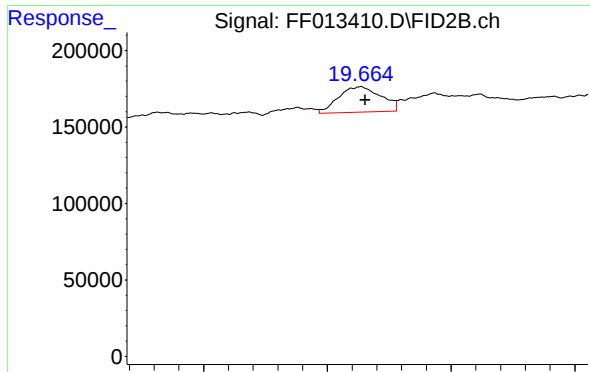
#17 n-Tricontane (C30)

R.T.: 18.048 min
Delta R.T.: -0.005 min
Response: 196324
Conc: 1.80 ug/ml



#18 n-Dotriacontane (C32)

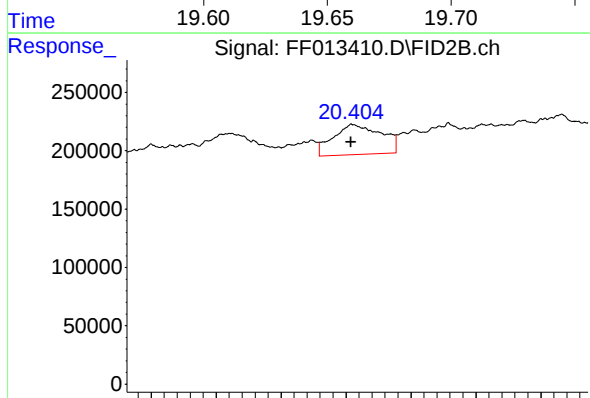
R.T.: 18.882 min
Delta R.T.: -0.001 min
Response: 510064
Conc: 4.52 ug/ml



#19 n-Tetratriacontane (C34)

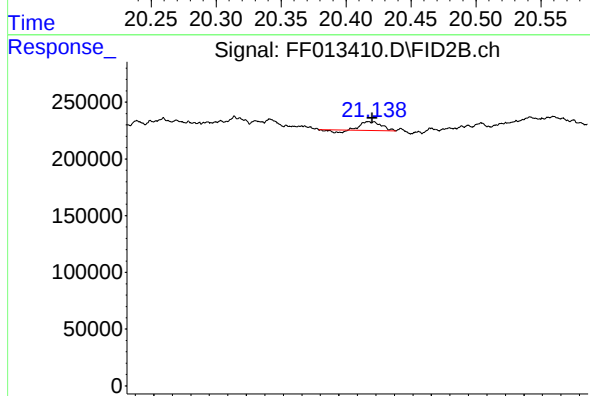
R.T.: 19.663 min
Delta R.T.: -0.002 min
Response: 197736
Conc: 1.86 ug/ml

Instrument :
FID_F
ClientSampleId :



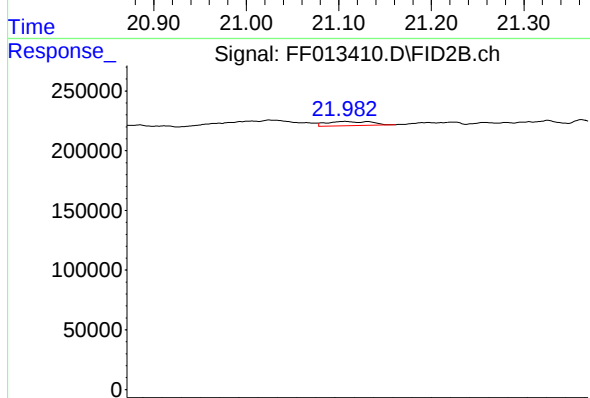
#20 n-Hexatriacontane (C36)

R.T.: 20.405 min
Delta R.T.: 0.001 min
Response: 664739
Conc: 6.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: 0.002 min
Response: 101780
Conc: 1.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: -0.056 min
Response: 23322
Conc: 0.23 ug/ml