

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082923AL\
 Data File : FF013430.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2023 11:12
 Operator : YP\AJ
 Sample : 04177-01DL 2X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 29 11:43:41 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)	11.894	2582165	18.794 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
12) S 1-chlorooctadecane (S...	13.333	2075047	19.801 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
Target Compounds			
6) T n-Tetradecane (C14)	8.527	91996	0.852 ug/ml
7) T n-Hexadecane (C16)	10.135	146020	1.347 ug/ml
8) T n-Octadecane (C18)	11.577	74153	0.677 ug/ml
10) T n-Eicosane (C20)	12.888	114367	1.042 ug/ml
11) T n-Heneicosane (C21)	13.507	188820	1.719 ug/ml
13) T n-Docosane (C22)	14.107	152486	1.389 ug/ml
14) T n-Tetracosane (C24)	15.160	175592	1.598 ug/ml
15) T n-Hexacosane (C26)	16.215	3271	0.030 ug/ml
16) T n-Octacosane (C28)	17.159	187162	1.733 ug/ml
17) T n-Tricontane (C30)	18.050	456564	4.175 ug/ml
18) T n-Dotriacontane (C32)	18.879	432446	3.828 ug/ml
19) T n-Tetratriacontane (C34)	19.669	236450	2.226 ug/ml
20) T n-Hexatriacontane (C36)	20.418	450286	4.272 ug/ml
21) T n-Octatriacontane (C38)	21.138	149581	1.481 ug/ml

(f)=RT Delta > 1/2 Window

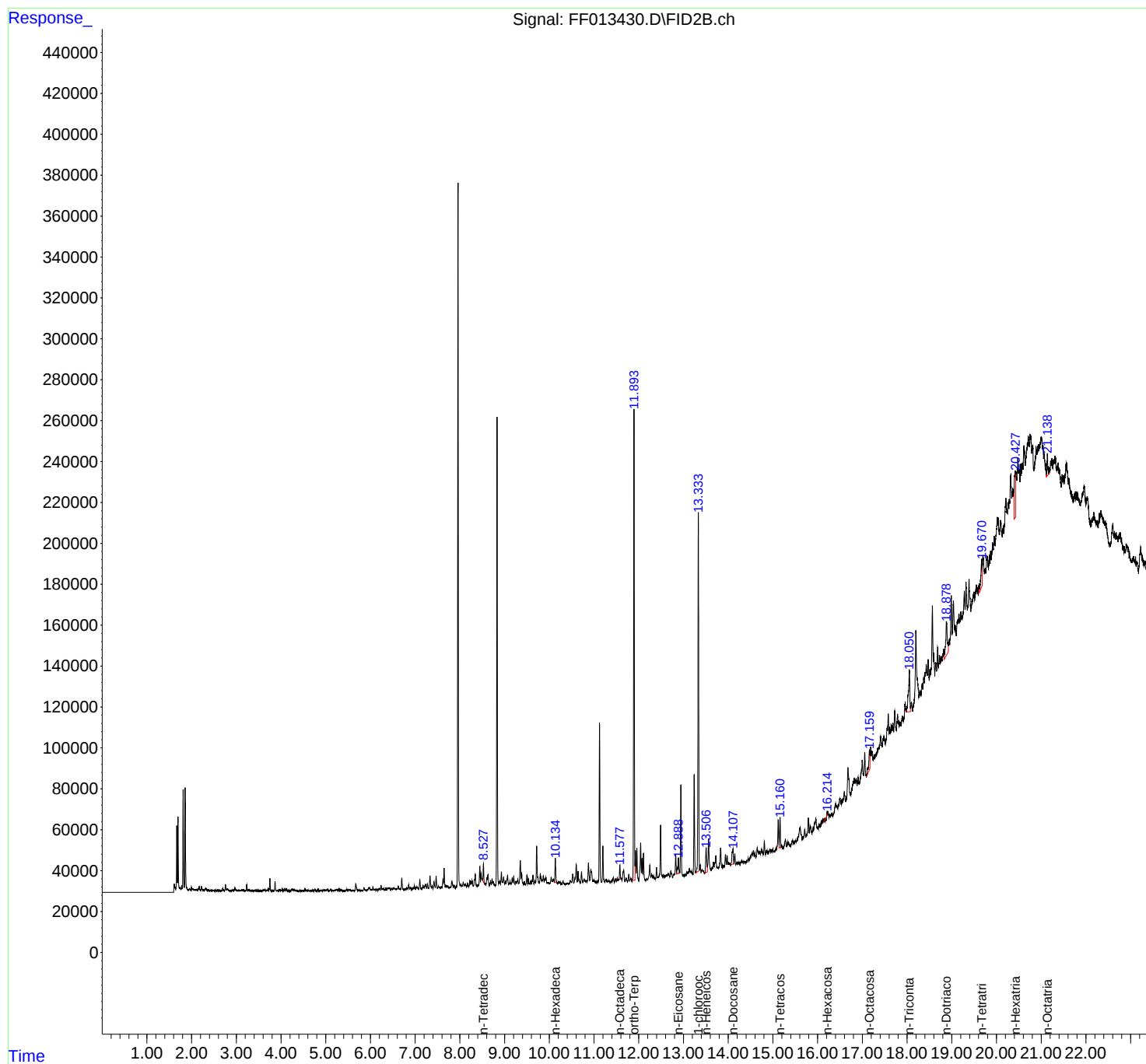
(m)=manual int.

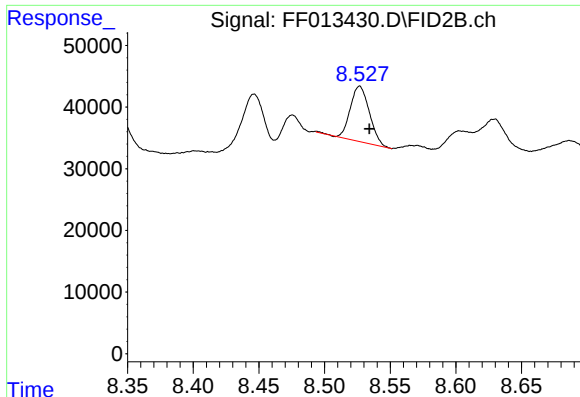
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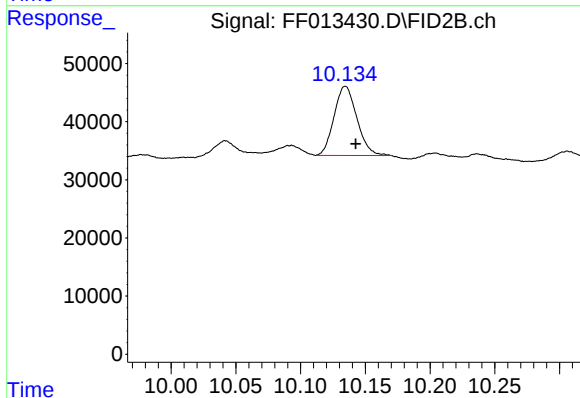




#6 n-Tetradecane (C14)

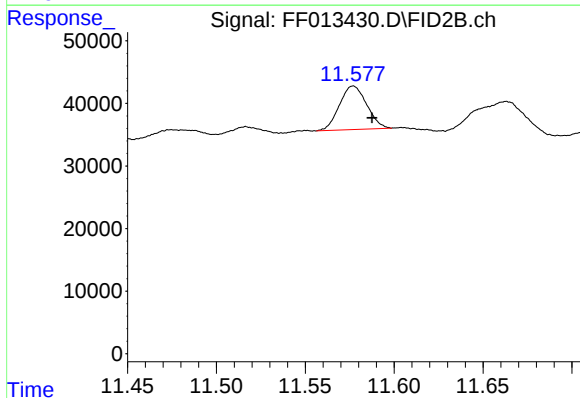
R.T.: 8.527 min
Delta R.T.: -0.008 min
Response: 91996
Conc: 0.85 ug/ml

Instrument :
FID_F
ClientSampleId :



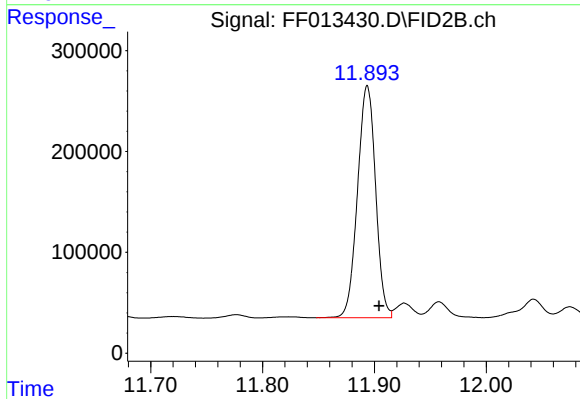
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.008 min
Response: 146020
Conc: 1.35 ug/ml



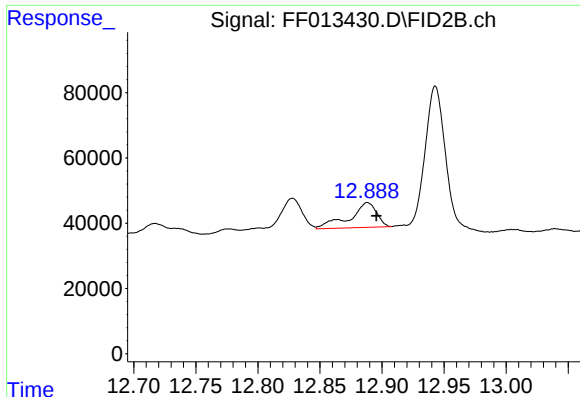
#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.011 min
Response: 74153
Conc: 0.68 ug/ml



#9 ortho-Terphenyl (SURR)

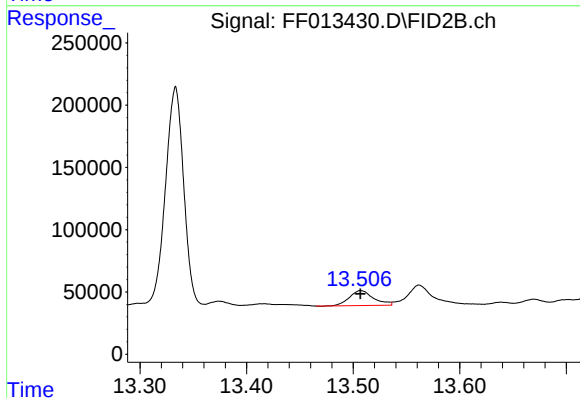
R.T.: 11.894 min
Delta R.T.: -0.011 min
Response: 2582165
Conc: 18.79 ug/ml



#10 n-Eicosane (C20)

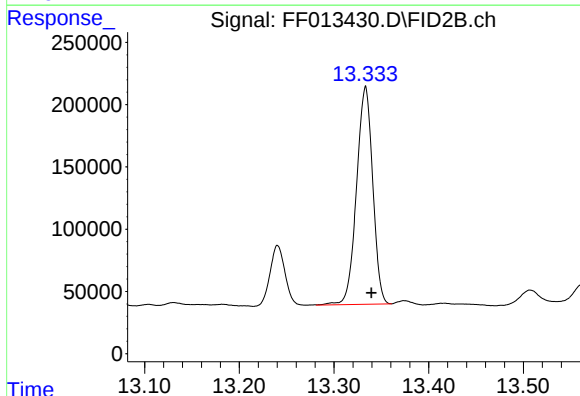
R.T.: 12.888 min
Delta R.T.: -0.007 min
Response: 114367
Conc: 1.04 ug/ml

Instrument :
FID_F
ClientSampleId :



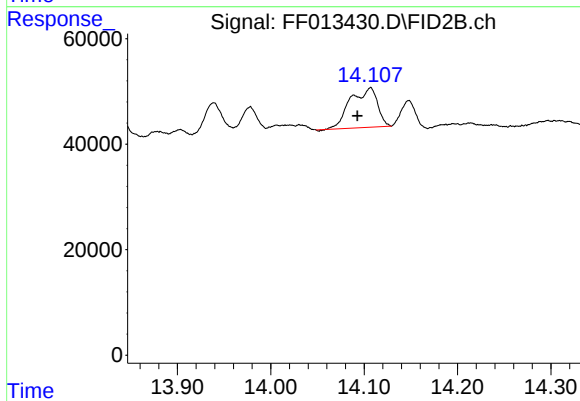
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 188820
Conc: 1.72 ug/ml



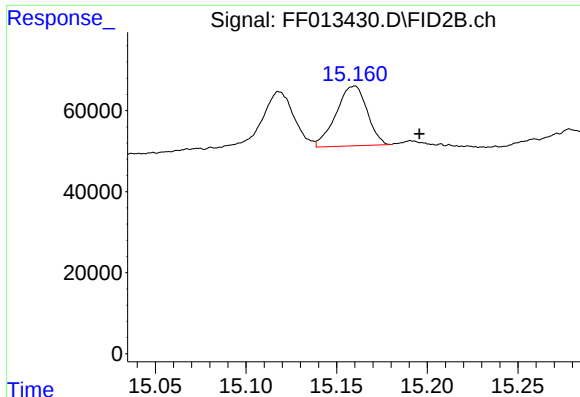
#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: -0.006 min
Response: 2075047
Conc: 19.80 ug/ml



#13 n-Docosane (C22)

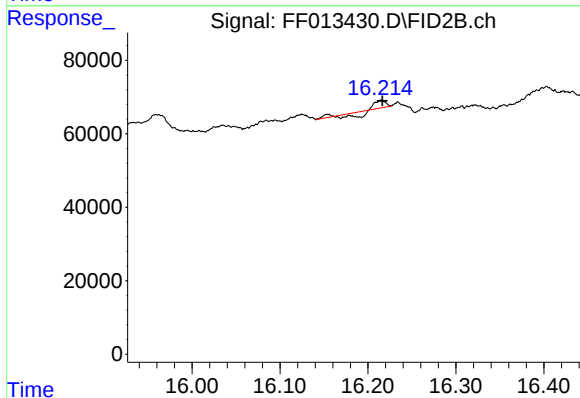
R.T.: 14.107 min
Delta R.T.: 0.014 min
Response: 152486
Conc: 1.39 ug/ml



#14 n-Tetracosane (C24)

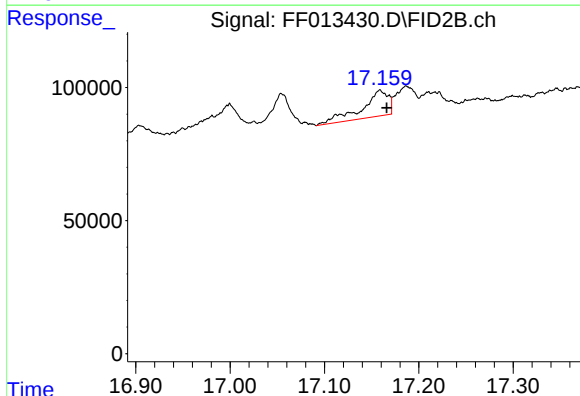
R.T.: 15.160 min
Delta R.T.: -0.036 min
Response: 175592
Conc: 1.60 ug/ml

Instrument :
FID_F
ClientSampleId :



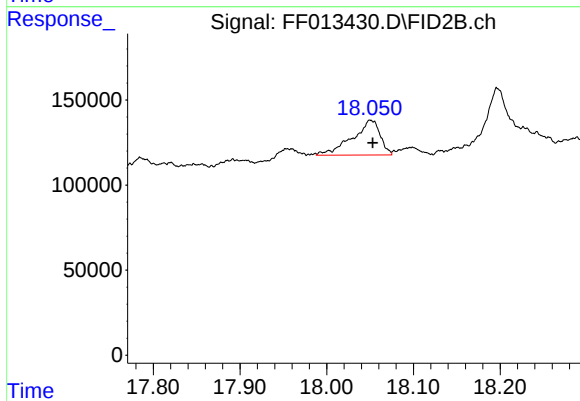
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.002 min
Response: 3271
Conc: 0.03 ug/ml



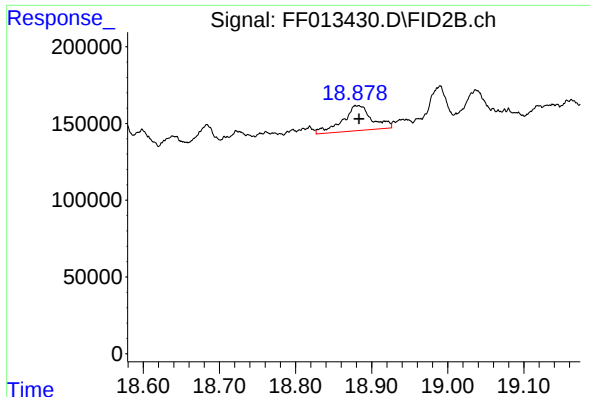
#16 n-Octacosane (C28)

R.T.: 17.159 min
Delta R.T.: -0.007 min
Response: 187162
Conc: 1.73 ug/ml



#17 n-Tricontane (C30)

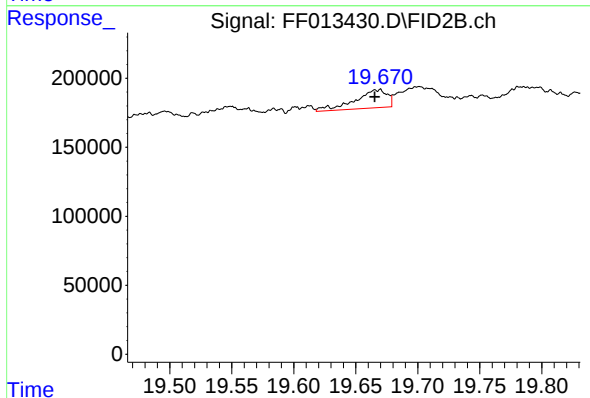
R.T.: 18.050 min
Delta R.T.: -0.003 min
Response: 456564
Conc: 4.17 ug/ml



#18 n-Dotriacontane (C32)

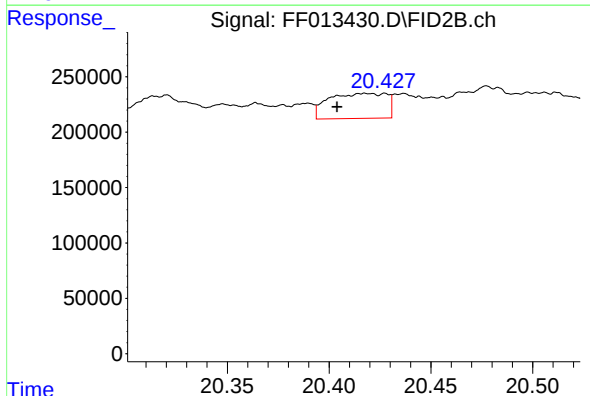
R.T.: 18.879 min
Delta R.T.: -0.005 min
Response: 432446
Conc: 3.83 ug/ml

Instrument :
FID_F
ClientSampleId :



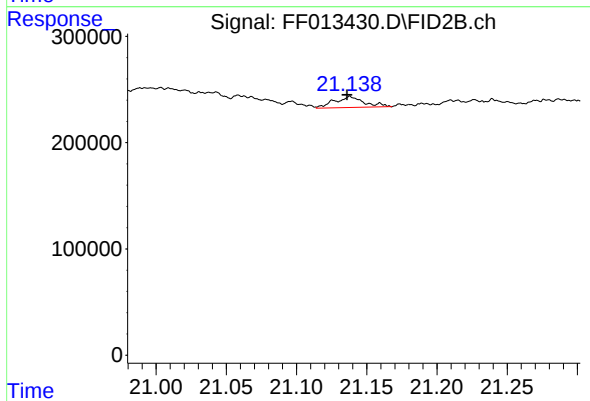
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: 0.004 min
Response: 236450
Conc: 2.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.418 min
Delta R.T.: 0.014 min
Response: 450286
Conc: 4.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: 0.002 min
Response: 149581
Conc: 1.48 ug/ml