

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010825AL\
 Data File : FE051870.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jan 2025 16:46
 Operator : YP\AJ
 Sample : Q1027-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 08 22:59:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 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)	12.135	3624129	25.003 ug/ml
Spiked Amount 50.000		Recovery =	50.01%
12) S 1-chlorooctadecane (S...	13.566	37983758	330.553 ug/ml
Spiked Amount 50.000		Recovery =	661.11%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.498	429357	3.367 ug/ml
4) T n-Dodecane (C12)	6.942	443486	3.776 ug/ml
5) T A~2-methylnaphthalene...	7.587	425130	3.397 ug/ml
6) T n-Tetradecane (C14)	8.726	119917	1.000 ug/ml
7) T n-Hexadecane (C16)	10.366	743049	5.806 ug/ml
8) T n-Octadecane (C18)	11.805	594632	4.469 ug/ml
10) T n-Eicosane (C20)	13.114	459426	3.492 ug/ml
11) T n-Heneicosane (C21)	13.756	3473260	26.428 ug/ml
13) T n-Docosane (C22)	14.313	256767	1.957 ug/ml
14) T n-Tetracosane (C24)	15.405	782218	5.905 ug/ml
15) T n-Hexacosane (C26)	16.431	166124	1.266 ug/ml
16) T n-Octacosane (C28)	17.384	642982	4.980 ug/ml
17) T n-Tricontane (C30)	18.268	587062	4.466 ug/ml
18) T n-Dotriacontane (C32)	19.102	358297	2.823 ug/ml
19) T n-Tetratriacontane (C34)	19.885	378079	3.403 ug/ml
20) T n-Hexatriacontane (C36)	20.624	175233	1.776 ug/ml
21) T n-Octatriacontane (C38)	21.411	324492	3.427 ug/ml

(f)=RT Delta > 1/2 Window

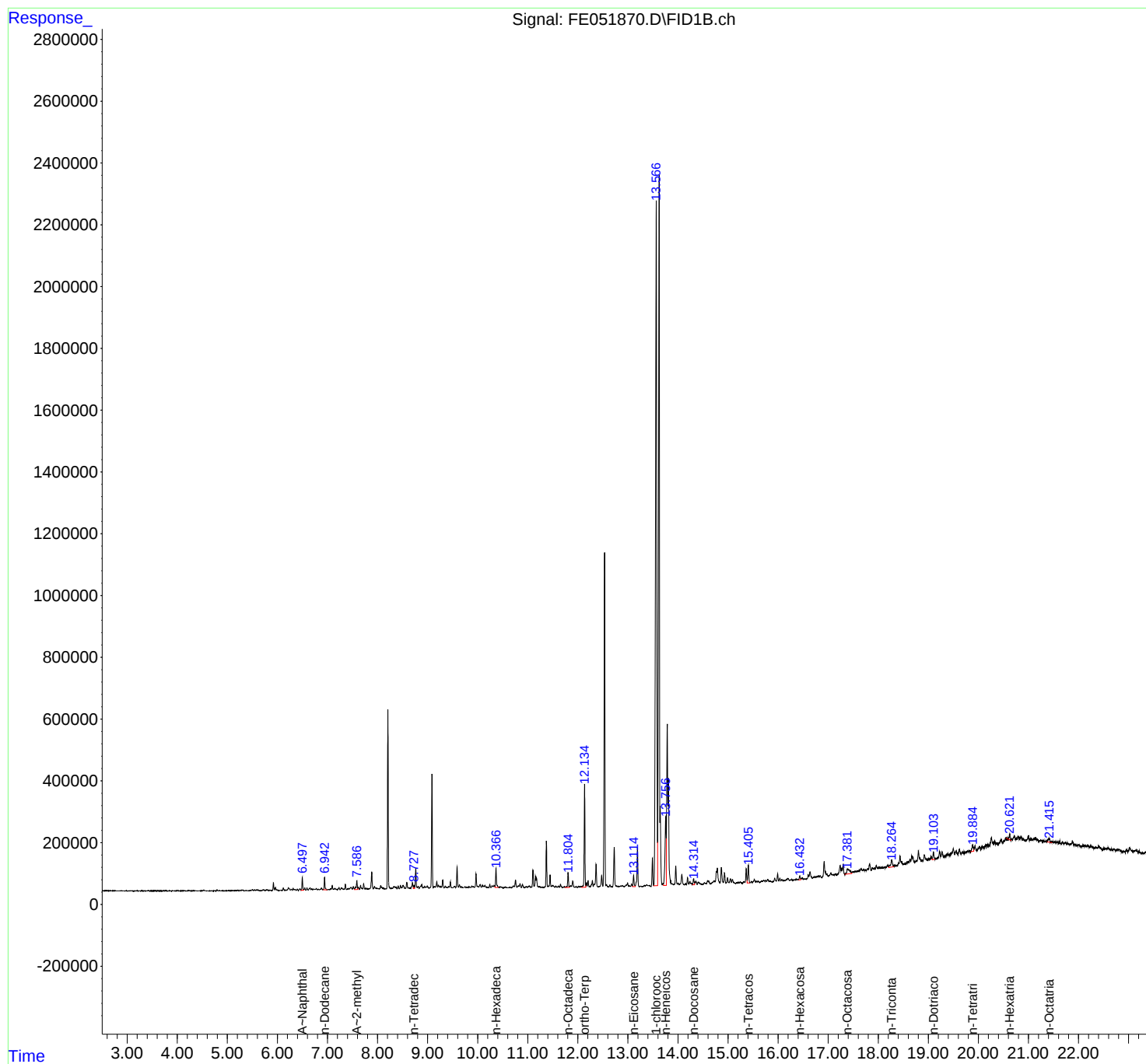
(m)=manual int.

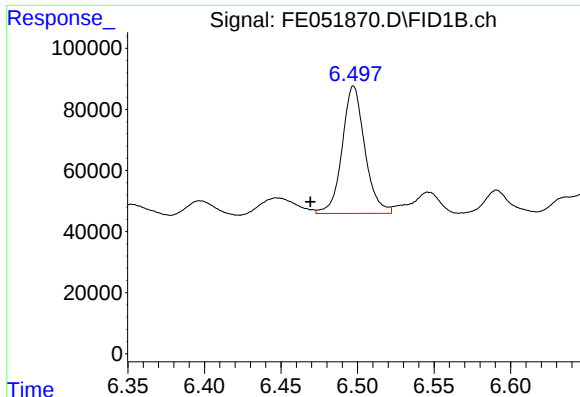
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Signal Info : 20M x 0.18mm x 0.18um

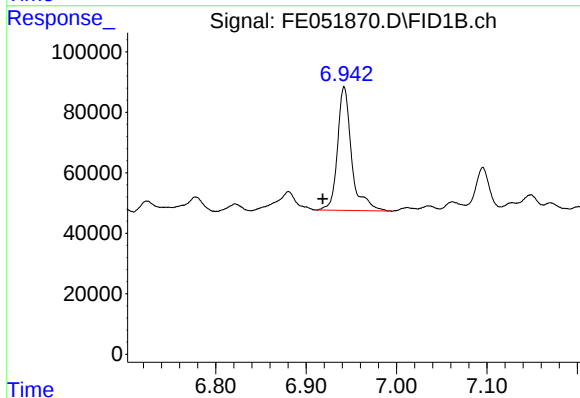




#3 A~Naphthalene (C11.7)

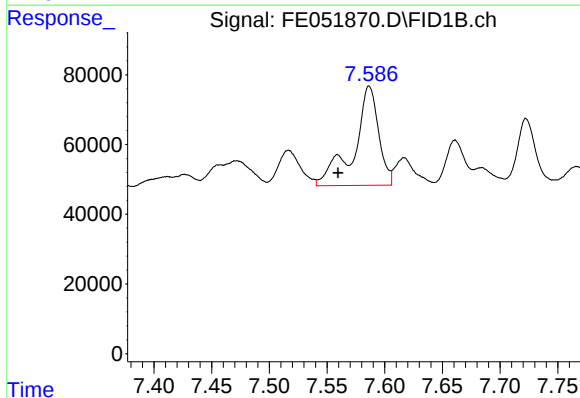
R.T.: 6.498 min
Delta R.T.: 0.028 min
Response: 429357
Conc: 3.37 ug/ml

Instrument :
FID_E
ClientSampleId :



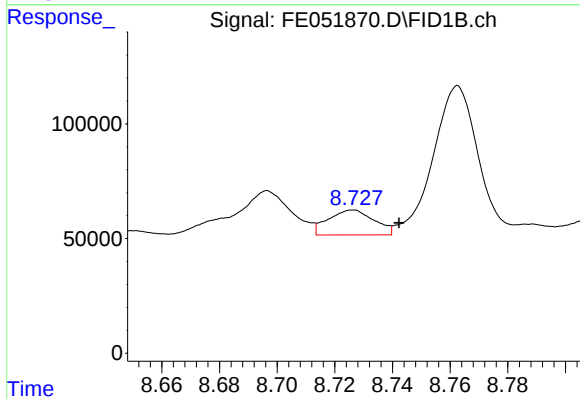
#4 n-Dodecane (C12)

R.T.: 6.942 min
Delta R.T.: 0.024 min
Response: 443486
Conc: 3.78 ug/ml



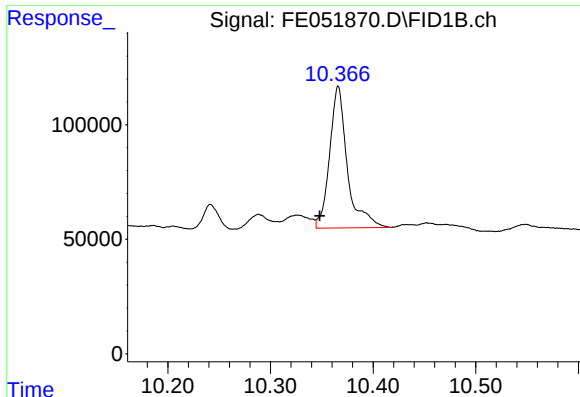
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.587 min
Delta R.T.: 0.027 min
Response: 425130
Conc: 3.40 ug/ml



#6 n-Tetradecane (C14)

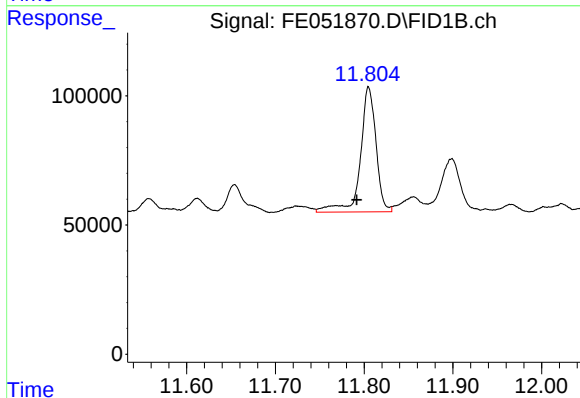
R.T.: 8.726 min
Delta R.T.: -0.016 min
Response: 119917
Conc: 1.00 ug/ml



#7 n-Hexadecane (C16)

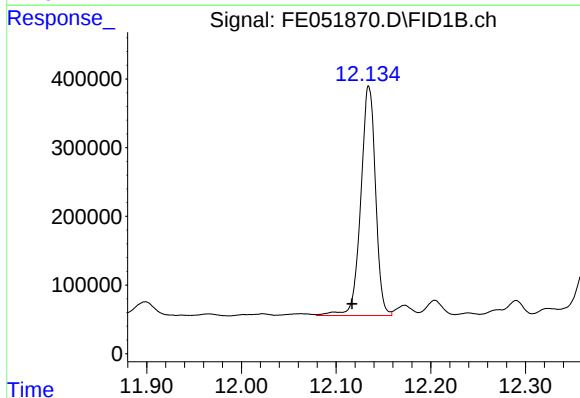
R.T.: 10.366 min
Delta R.T.: 0.018 min
Response: 743049
Conc: 5.81 ug/ml

Instrument :
FID_E
ClientSampleId :



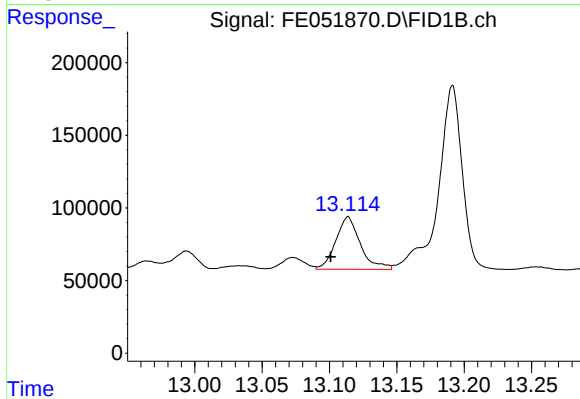
#8 n-Octadecane (C18)

R.T.: 11.805 min
Delta R.T.: 0.014 min
Response: 594632
Conc: 4.47 ug/ml



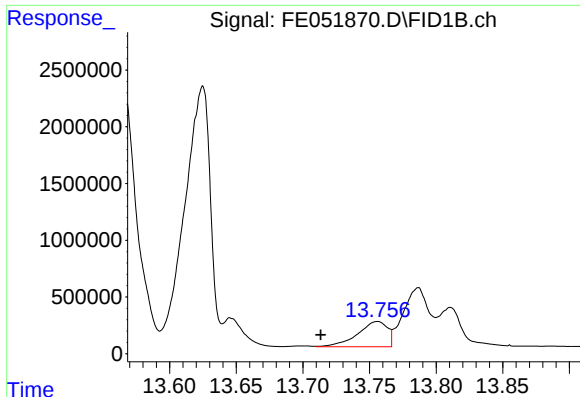
#9 ortho-Terphenyl (SURR)

R.T.: 12.135 min
Delta R.T.: 0.018 min
Response: 3624129
Conc: 25.00 ug/ml



#10 n-Eicosane (C20)

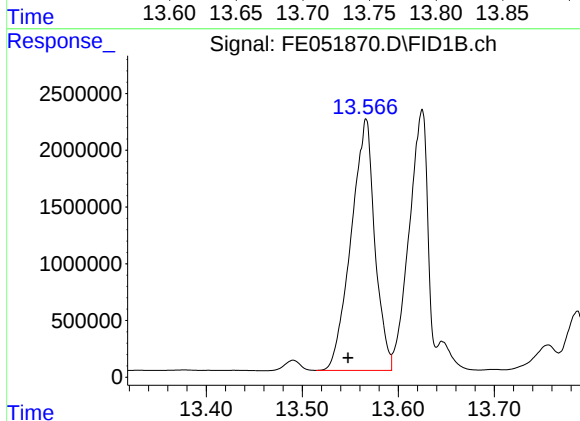
R.T.: 13.114 min
Delta R.T.: 0.013 min
Response: 459426
Conc: 3.49 ug/ml



#11 n-Heneicosane (C21)

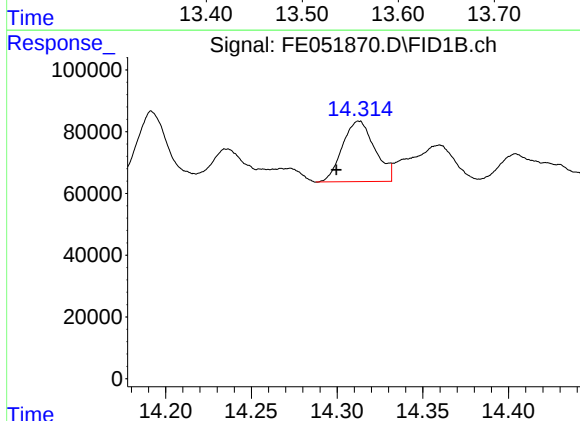
R.T.: 13.756 min
Delta R.T.: 0.042 min
Response: 3473260
Conc: 26.43 ug/ml

Instrument :
FID_E
ClientSampleId :



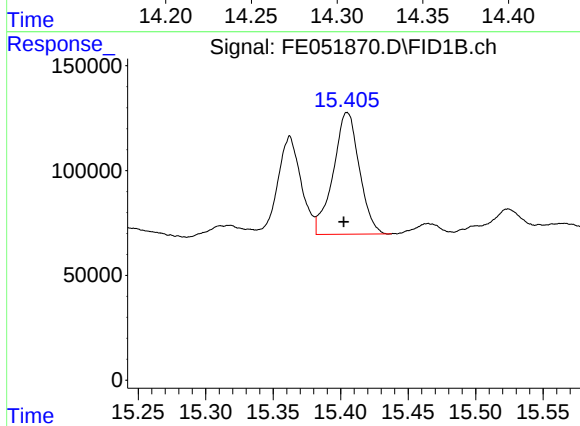
#12 1-chlorooctadecane (SURR)

R.T.: 13.566 min
Delta R.T.: 0.018 min
Response: 37983758
Conc: 330.55 ug/ml



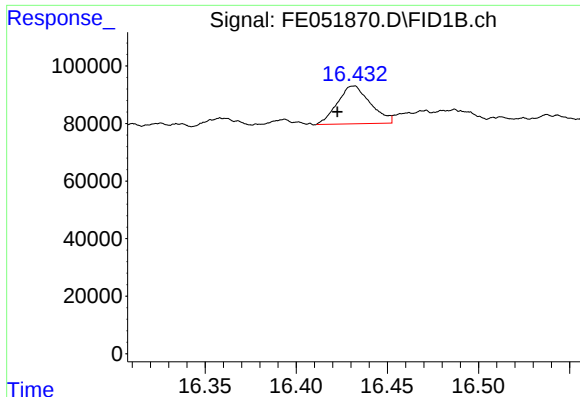
#13 n-Docosane (C22)

R.T.: 14.313 min
Delta R.T.: 0.013 min
Response: 256767
Conc: 1.96 ug/ml



#14 n-Tetracosane (C24)

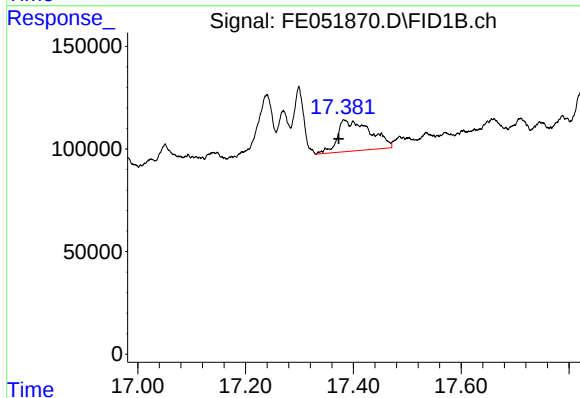
R.T.: 15.405 min
Delta R.T.: 0.002 min
Response: 782218
Conc: 5.91 ug/ml



#15 n-Hexacosane (C26)

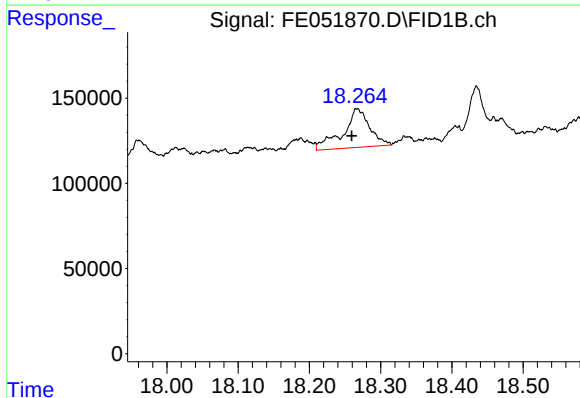
R.T.: 16.431 min
Delta R.T.: 0.009 min
Response: 166124
Conc: 1.27 ug/ml

Instrument :
FID_E
ClientSampleId :



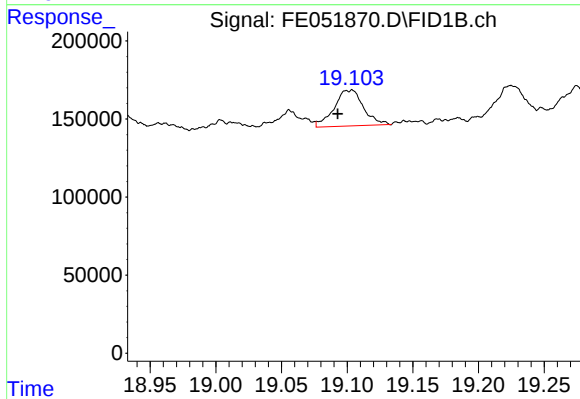
#16 n-Octacosane (C28)

R.T.: 17.384 min
Delta R.T.: 0.011 min
Response: 642982
Conc: 4.98 ug/ml



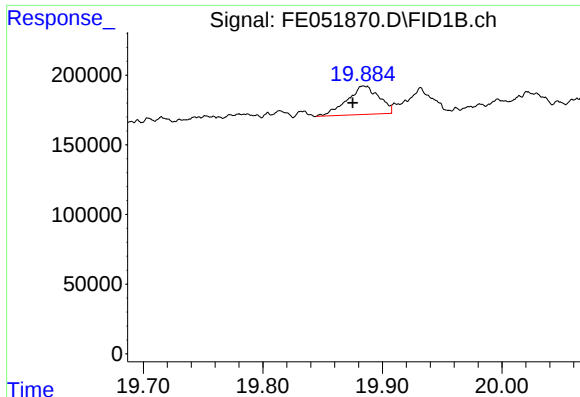
#17 n-Tricontane (C30)

R.T.: 18.268 min
Delta R.T.: 0.008 min
Response: 587062
Conc: 4.47 ug/ml



#18 n-Dotriacontane (C32)

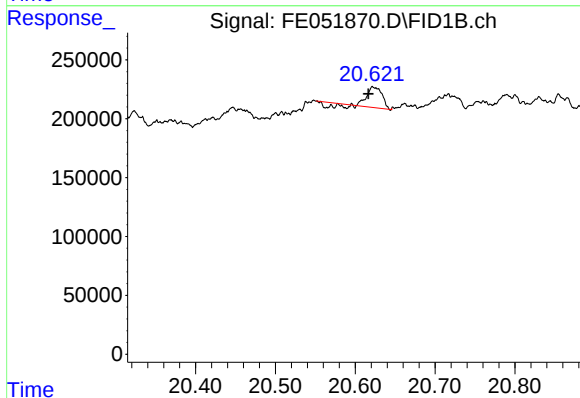
R.T.: 19.102 min
Delta R.T.: 0.009 min
Response: 358297
Conc: 2.82 ug/ml



#19 n-Tetratriacontane (C34)

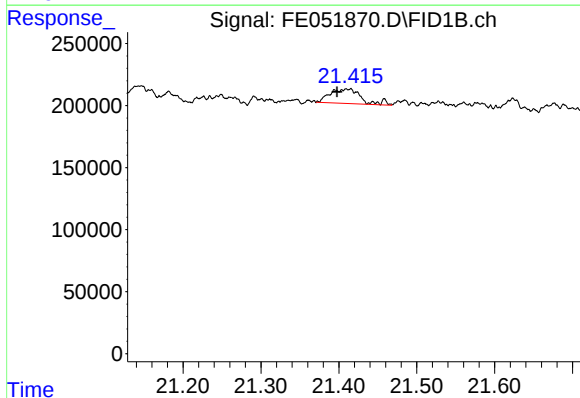
R.T.: 19.885 min
Delta R.T.: 0.010 min
Response: 378079
Conc: 3.40 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.624 min
Delta R.T.: 0.007 min
Response: 175233
Conc: 1.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.411 min
Delta R.T.: 0.014 min
Response: 324492
Conc: 3.43 ug/ml