

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070324AL\
 Data File : FE048970.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jul 2024 12:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 04 01:15:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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)	11.932	2848548	17.036 ug/ml
Spiked Amount 50.000		Recovery =	34.07%
12) S 1-chlorooctadecane (S...	13.366	2163308	16.823 ug/ml
Spiked Amount 50.000		Recovery =	33.65%
Target Compounds			
1) T n-Nonane (C9)	3.319	2789461	18.554 ug/ml
2) T n-Decane (C10)	4.568	2839365	18.451 ug/ml
3) T A~Naphthalene (C11.7)	6.275	2905066	18.299 ug/ml
4) T n-Dodecane (C12)	6.734	2833434	18.354 ug/ml
5) T A~2-methylnaphthalene...	7.371	2746220	18.134 ug/ml
6) T n-Tetradecane (C14)	8.562	2779846	18.138 ug/ml
7) T n-Hexadecane (C16)	10.169	2839694	18.162 ug/ml
8) T n-Octadecane (C18)	11.612	2819203	17.677 ug/ml
10) T n-Eicosane (C20)	12.920	2671213	17.230 ug/ml
11) T n-Heneicosane (C21)	13.533	2611591	17.152 ug/ml
13) T n-Docosane (C22)	14.118	2579302	17.055 ug/ml
14) T n-Tetracosane (C24)	15.220	2560366	17.037 ug/ml
15) T n-Hexacosane (C26)	16.241	2542104	17.219 ug/ml
16) T n-Octacosane (C28)	17.189	2493801	17.292 ug/ml
17) T n-Tricontane (C30)	18.077	2592733	17.722 ug/ml
18) T n-Dotriacontane (C32)	18.909	2490978	17.422 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2492924	18.016 ug/ml
20) T n-Hexatriacontane (C36)	20.431	2509851	19.311 ug/ml
21) T n-Octatriacontane (C38)	21.167	2579883	20.125 ug/ml
22) T n-Tetracontane (C40)	22.082	2768275	22.606 ug/ml

(f)=RT Delta > 1/2 Window

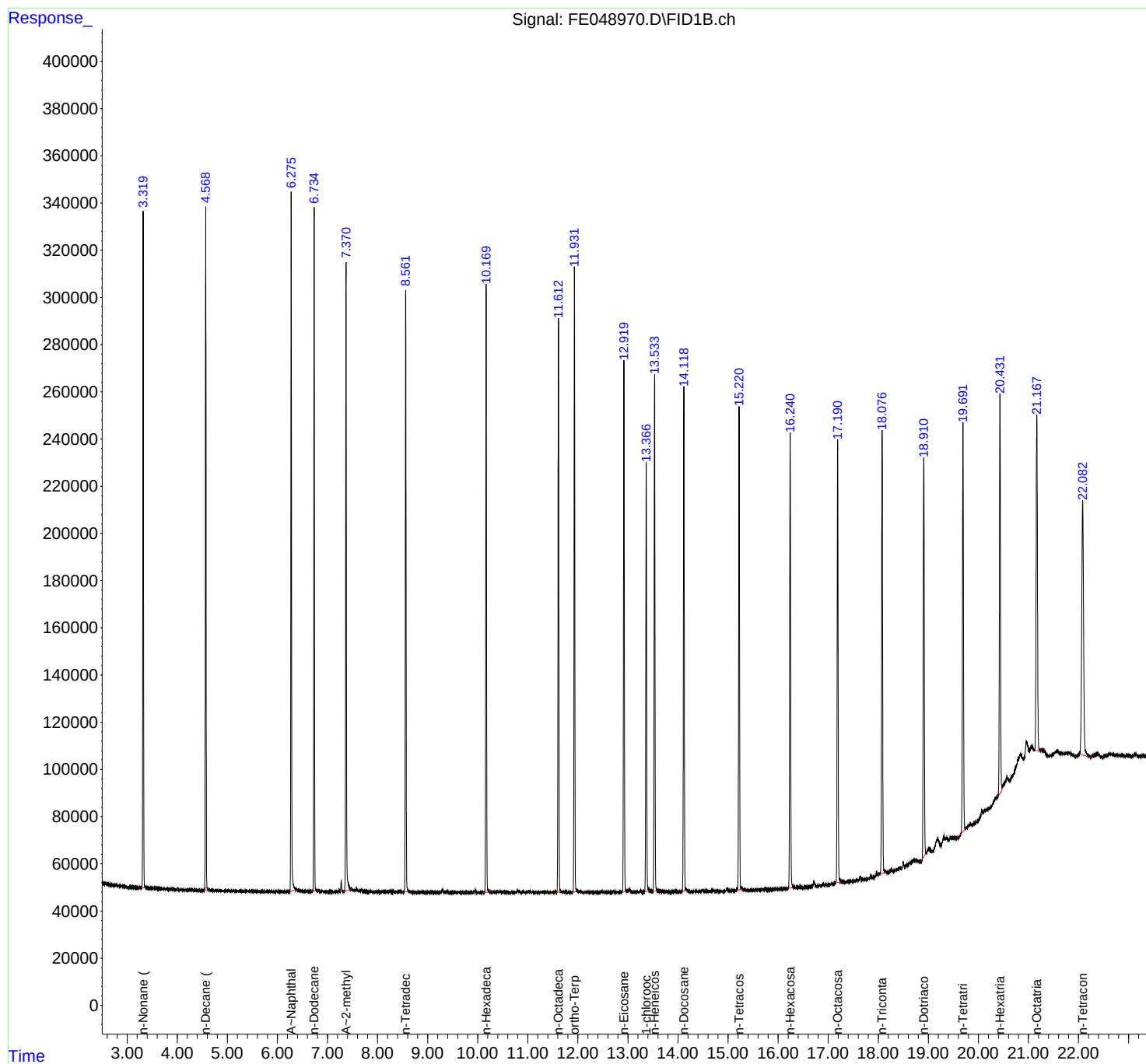
(m)=manual int.

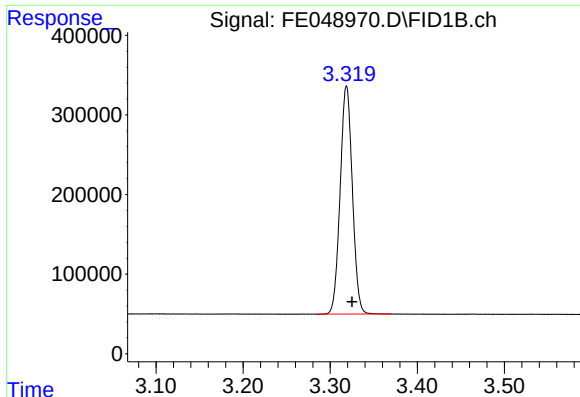
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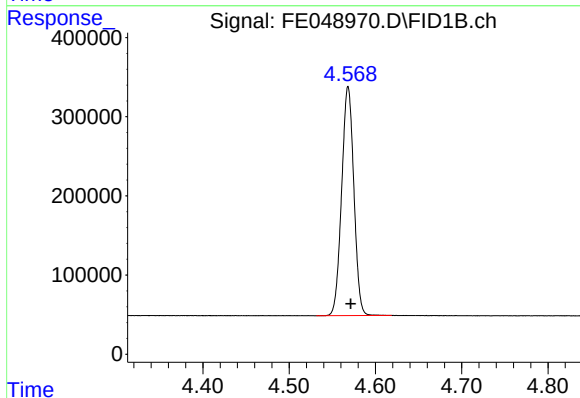




#1 n-Nonane (C9)

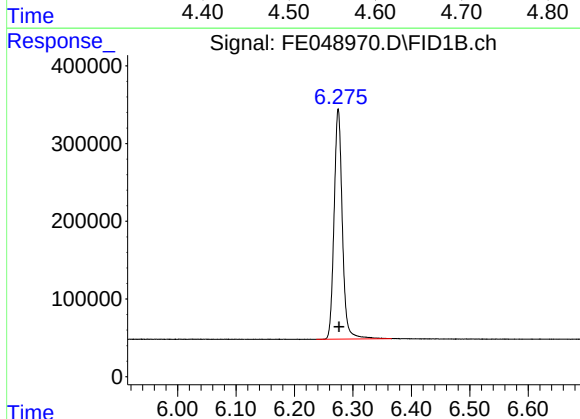
R.T.: 3.319 min
Delta R.T.: -0.006 min
Response: 2789461
Conc: 18.55 ug/ml

Instrument :
FID_E
ClientSampleId :



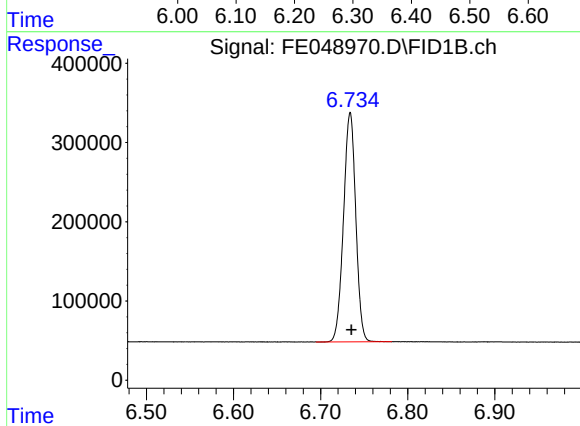
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 2839365
Conc: 18.45 ug/ml



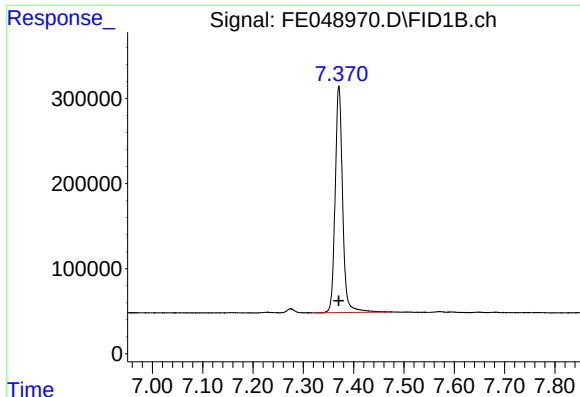
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.001 min
Response: 2905066
Conc: 18.30 ug/ml



#4 n-Dodecane (C12)

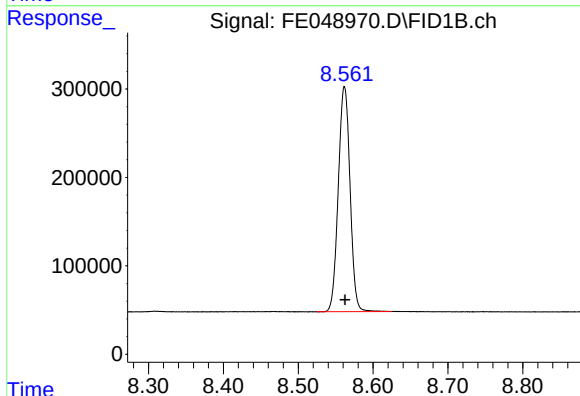
R.T.: 6.734 min
Delta R.T.: -0.001 min
Response: 2833434
Conc: 18.35 ug/ml



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

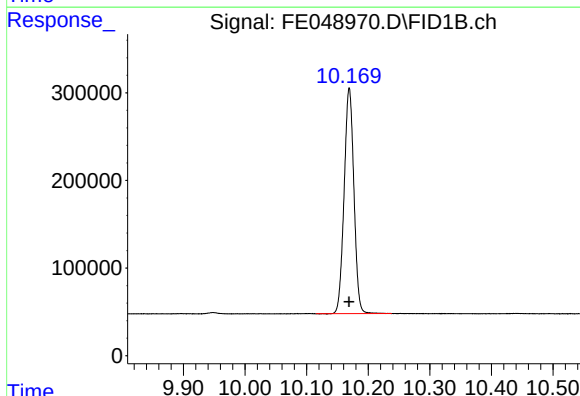
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 2746220
Conc: 18.13 ug/ml

Instrument :
FID_E
ClientSampleId :



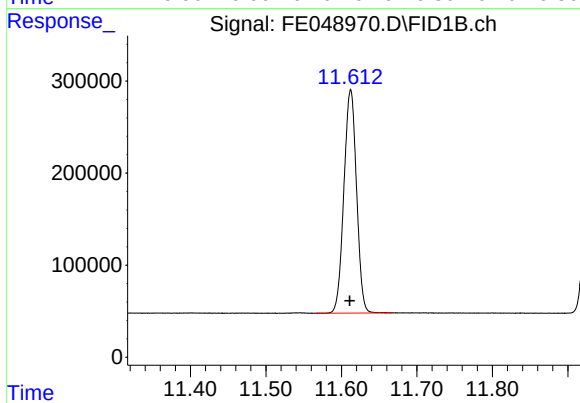
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 2779846
Conc: 18.14 ug/ml



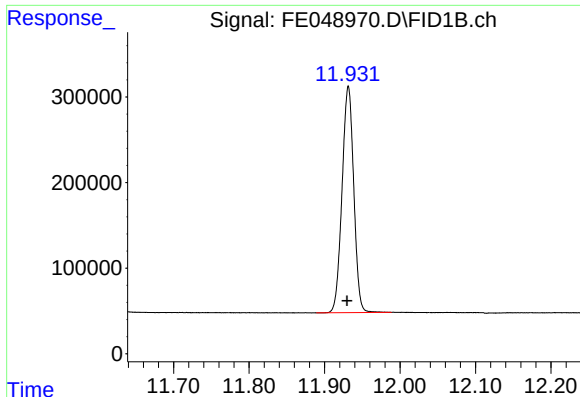
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 2839694
Conc: 18.16 ug/ml



#8 n-Octadecane (C18)

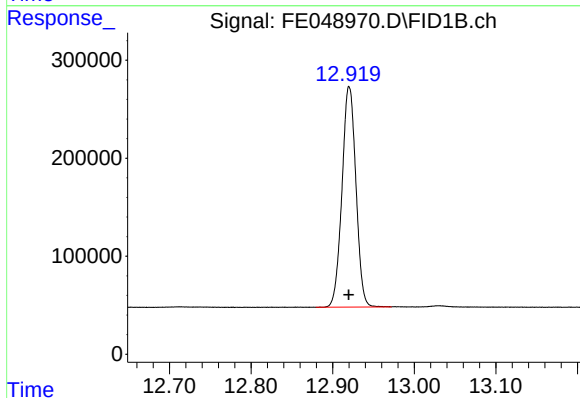
R.T.: 11.612 min
Delta R.T.: 0.001 min
Response: 2819203
Conc: 17.68 ug/ml



#9 ortho-Terphenyl (SURR)

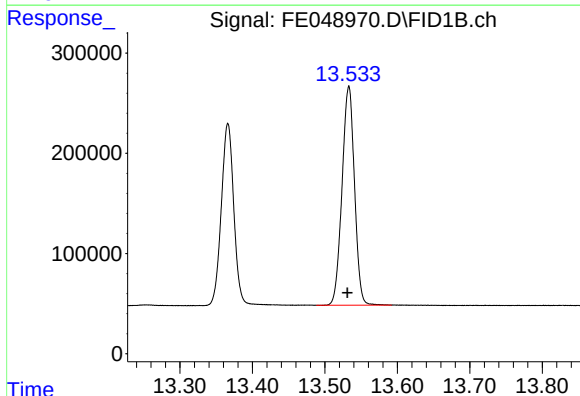
R.T.: 11.932 min
Delta R.T.: 0.002 min
Response: 2848548
Conc: 17.04 ug/ml

Instrument :
FID_E
ClientSampleId :



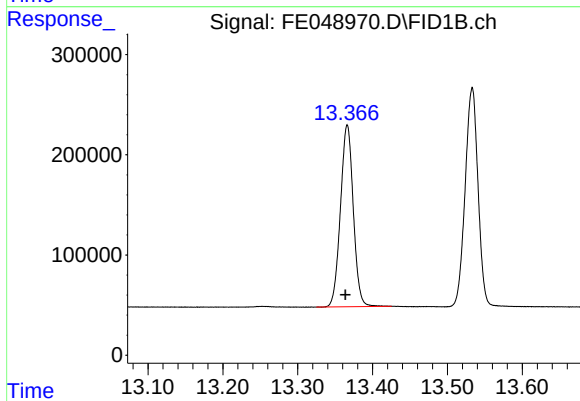
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.000 min
Response: 2671213
Conc: 17.23 ug/ml



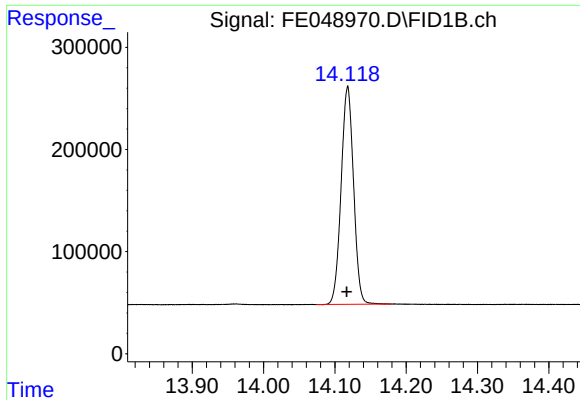
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.002 min
Response: 2611591
Conc: 17.15 ug/ml



#12 1-chlorooctadecane (SURR)

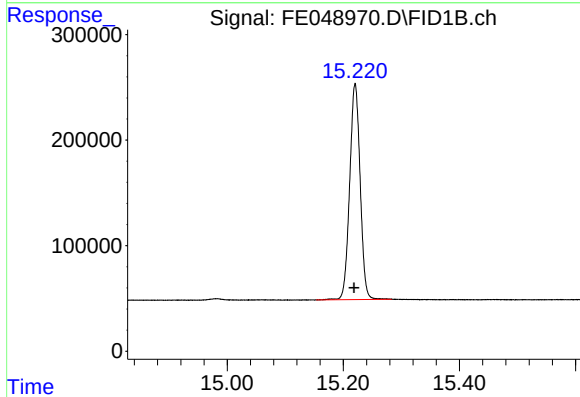
R.T.: 13.366 min
Delta R.T.: 0.002 min
Response: 2163308
Conc: 16.82 ug/ml



#13 n-Docosane (C22)

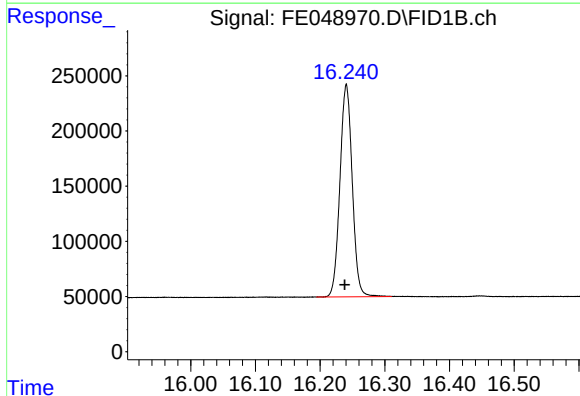
R.T.: 14.118 min
Delta R.T.: 0.001 min
Response: 2579302
Conc: 17.06 ug/ml

Instrument :
FID_E
ClientSampleId :



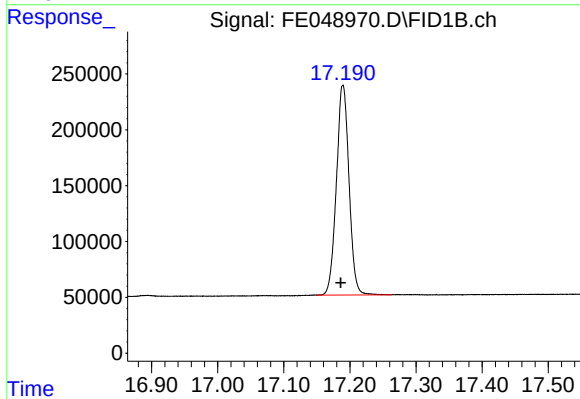
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: 0.002 min
Response: 2560366
Conc: 17.04 ug/ml



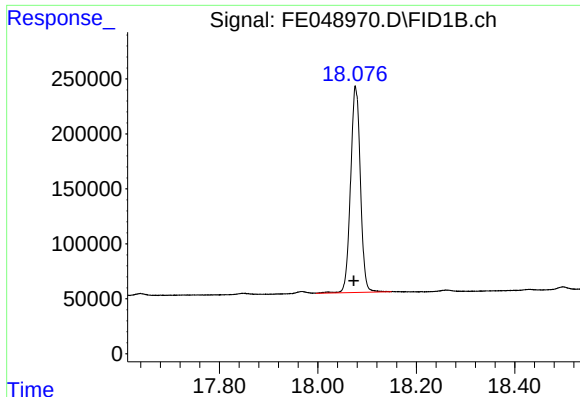
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.002 min
Response: 2542104
Conc: 17.22 ug/ml



#16 n-Octacosane (C28)

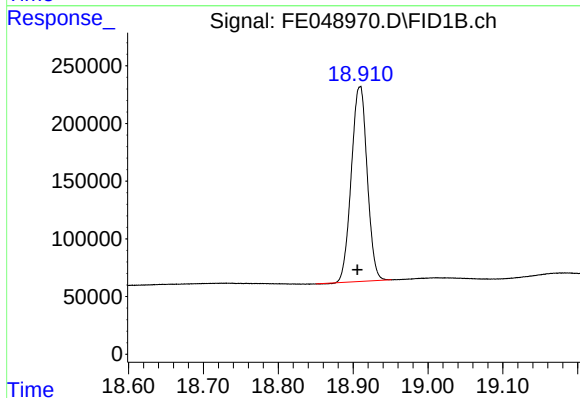
R.T.: 17.189 min
Delta R.T.: 0.003 min
Response: 2493801
Conc: 17.29 ug/ml



#17 n-Tricontane (C30)

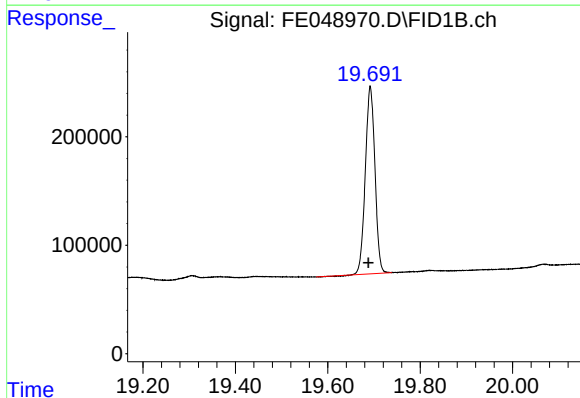
R.T.: 18.077 min
Delta R.T.: 0.003 min
Response: 2592733
Conc: 17.72 ug/ml

Instrument :
FID_E
ClientSampleId :



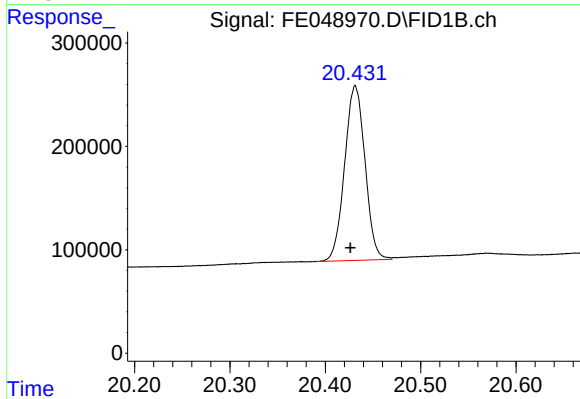
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.004 min
Response: 2490978
Conc: 17.42 ug/ml



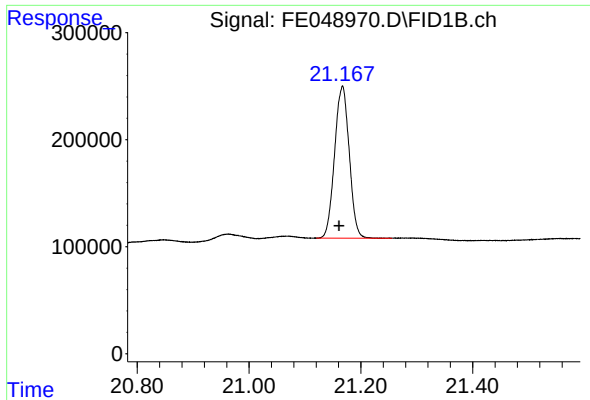
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: 0.004 min
Response: 2492924
Conc: 18.02 ug/ml



#20 n-Hexatriacontane (C36)

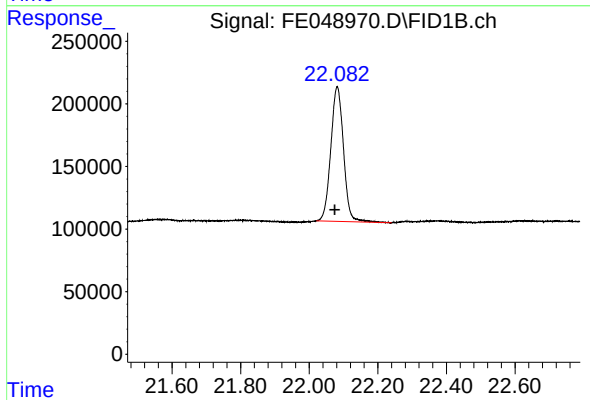
R.T.: 20.431 min
Delta R.T.: 0.005 min
Response: 2509851
Conc: 19.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: 0.006 min
Response: 2579883
Conc: 20.12 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: 0.008 min
Response: 2768275
Conc: 22.61 ug/ml