

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082324AL\
 Data File : FE049721.D
 Signal(s) : FID1B.ch
 Acq On : 23 Aug 2024 08:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 24 01:16:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.885	3357752	20.764 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
12) S 1-chlorooctadecane (S...	13.320	2546430	20.871 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
Target Compounds			
1) T n-Nonane (C9)	3.275	3125897	20.199 ug/ml
2) T n-Decane (C10)	4.525	3211877	20.342 ug/ml
3) T A~Naphthalene (C11.7)	6.232	3318915	20.685 ug/ml
4) T n-Dodecane (C12)	6.692	3238313	20.599 ug/ml
5) T A~2-methylnaphthalene...	7.328	3132825	20.920 ug/ml
6) T n-Tetradecane (C14)	8.519	3158455	20.459 ug/ml
7) T n-Hexadecane (C16)	10.126	3233509	20.704 ug/ml
8) T n-Octadecane (C18)	11.568	3266005	20.796 ug/ml
10) T n-Eicosane (C20)	12.875	3109737	20.828 ug/ml
11) T n-Heneicosane (C21)	13.486	3056845	20.838 ug/ml
13) T n-Docosane (C22)	14.072	3026468	20.764 ug/ml
14) T n-Tetracosane (C24)	15.173	3025637	20.800 ug/ml
15) T n-Hexacosane (C26)	16.192	2987559	20.700 ug/ml
16) T n-Octacosane (C28)	17.141	3037502	21.088 ug/ml
17) T n-Tricontane (C30)	18.027	3241978	21.656 ug/ml
18) T n-Dotriacontane (C32)	18.858	3337678	22.063 ug/ml
19) T n-Tetratriacontane (C34)	19.642	3351285	21.921 ug/ml
20) T n-Hexatriacontane (C36)	20.381	3327208	21.911 ug/ml
21) T n-Octatriacontane (C38)	21.110	3371231	21.479 ug/ml
22) T n-Tetracontane (C40)	22.004	3192070	20.907 ug/ml

(f)=RT Delta > 1/2 Window

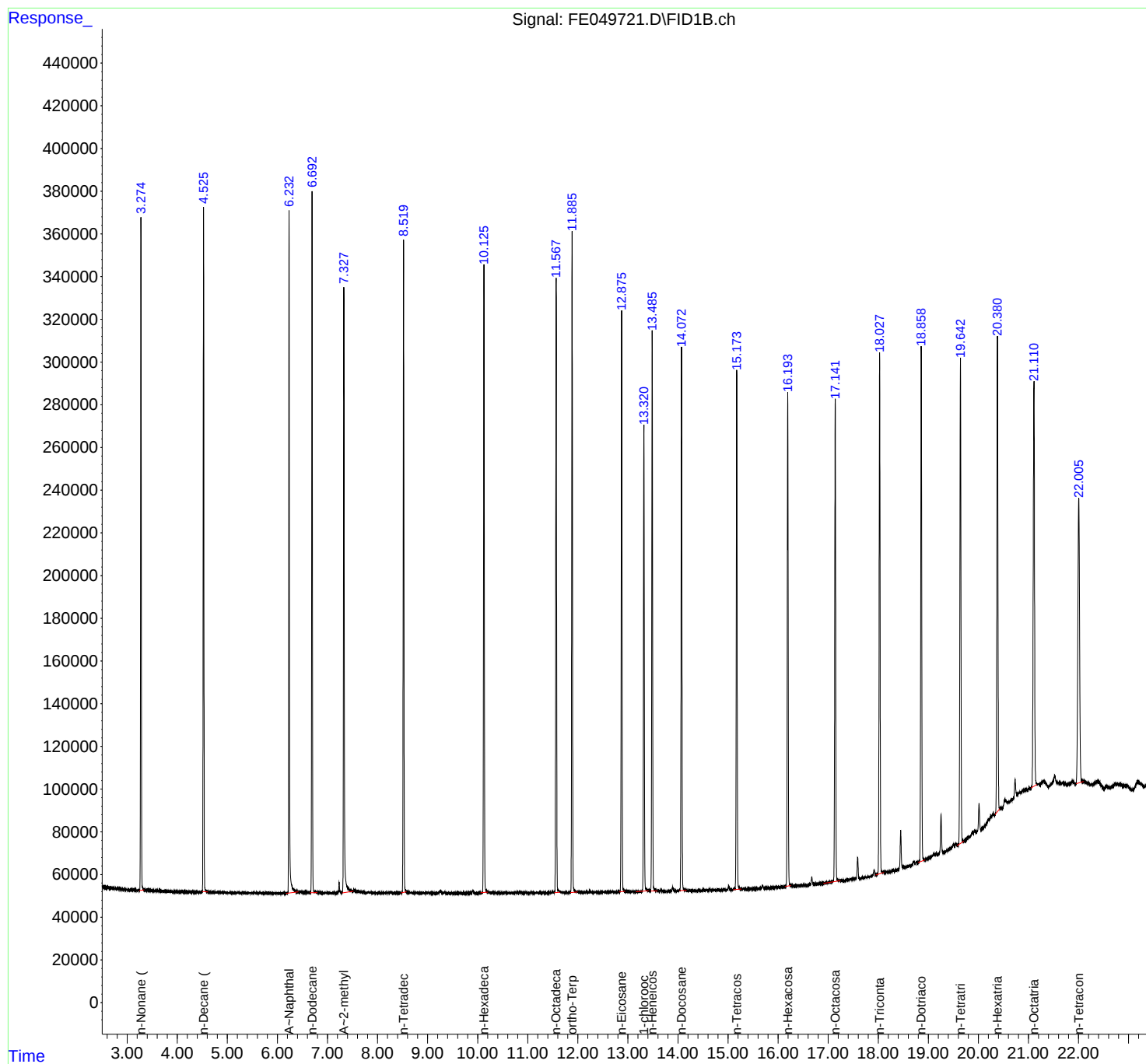
(m)=manual int.

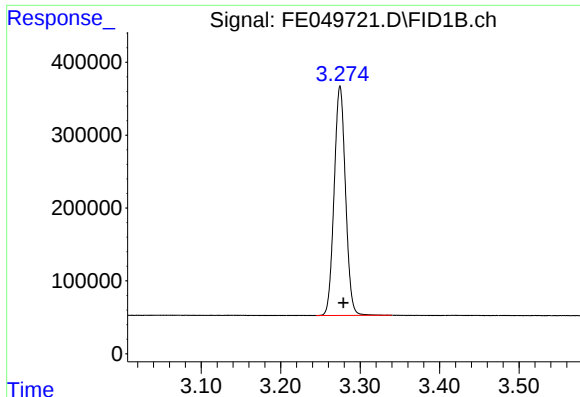
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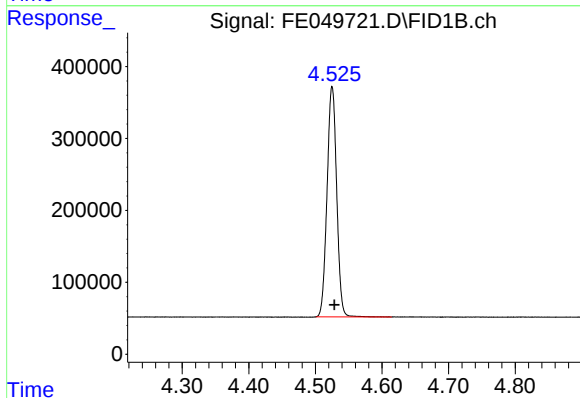




#1 n-Nonane (C9)

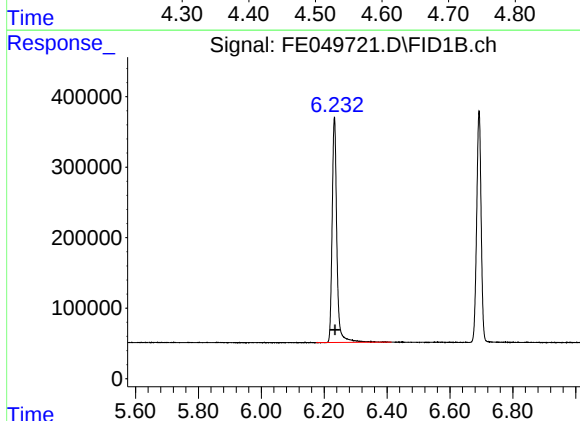
R.T.: 3.275 min
Delta R.T.: -0.004 min
Response: 3125897
Conc: 20.20 ug/ml

Instrument :
FID_E
ClientSampleId :



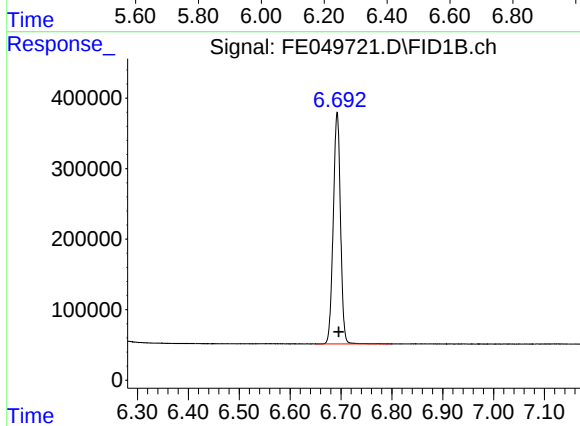
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 3211877
Conc: 20.34 ug/ml



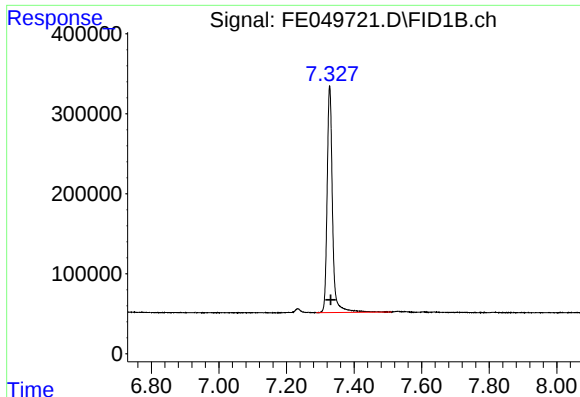
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 3318915
Conc: 20.68 ug/ml



#4 n-Dodecane (C12)

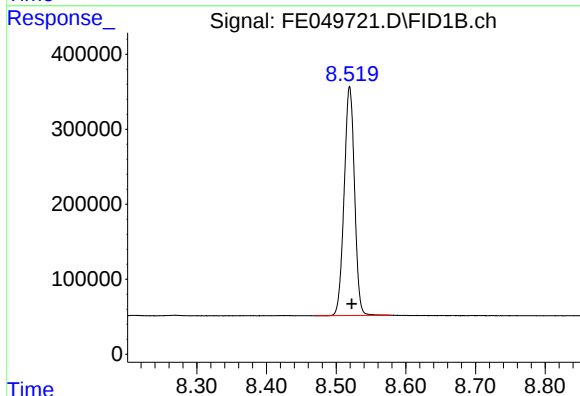
R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 3238313
Conc: 20.60 ug/ml



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

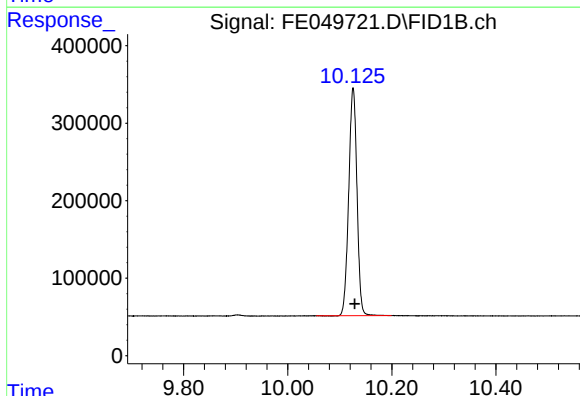
R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 3132825
Conc: 20.92 ug/ml

Instrument :
FID_E
ClientSampleId :



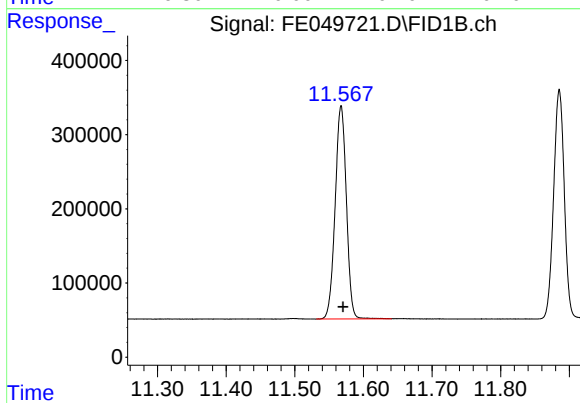
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: -0.003 min
Response: 3158455
Conc: 20.46 ug/ml



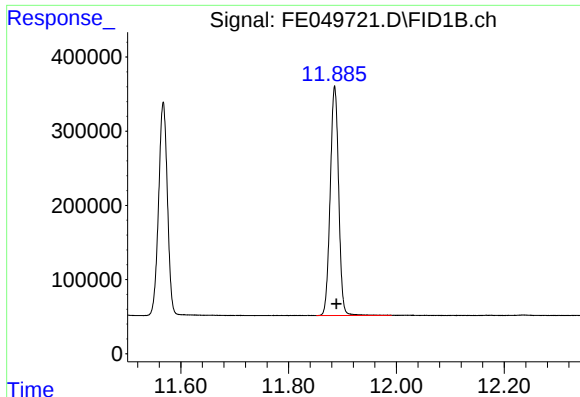
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: -0.003 min
Response: 3233509
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

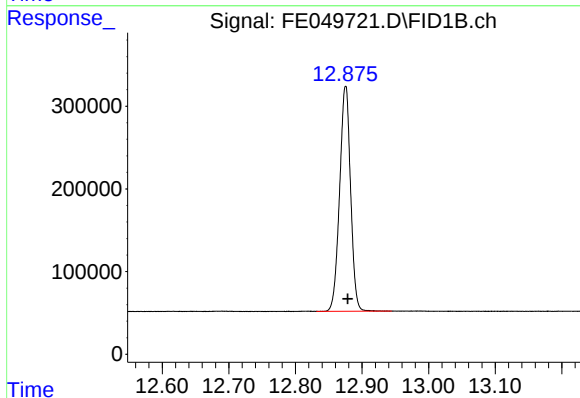
R.T.: 11.568 min
Delta R.T.: -0.003 min
Response: 3266005
Conc: 20.80 ug/ml



#9 ortho-Terphenyl (SURR)

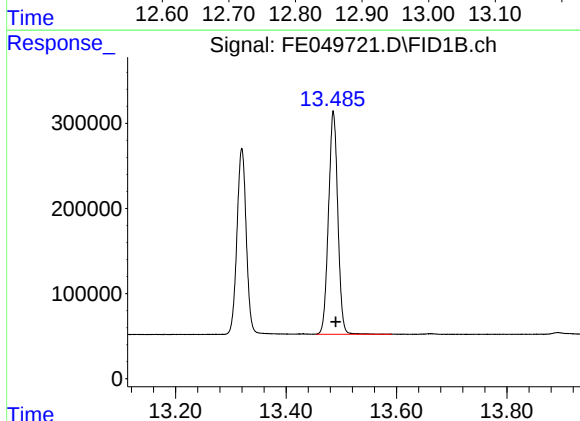
R.T.: 11.885 min
Delta R.T.: -0.003 min
Response: 3357752
Conc: 20.76 ug/ml

Instrument :
FID_E
ClientSampleId :



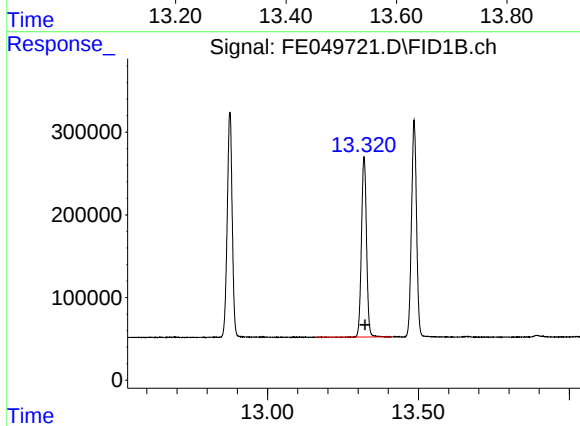
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.003 min
Response: 3109737
Conc: 20.83 ug/ml



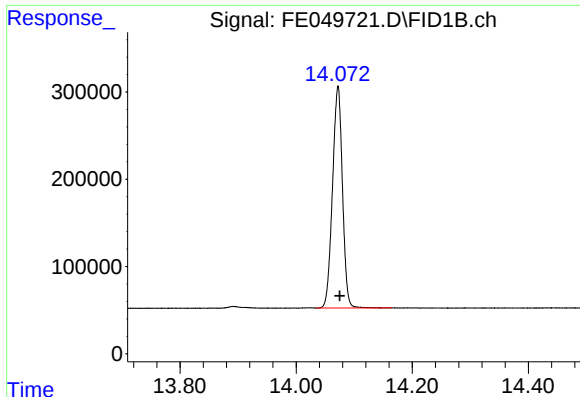
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.004 min
Response: 3056845
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

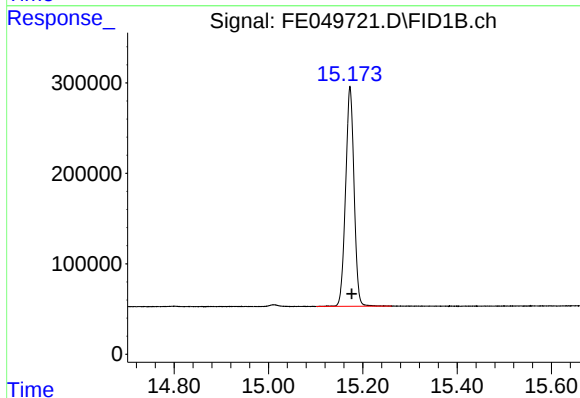
R.T.: 13.320 min
Delta R.T.: -0.004 min
Response: 2546430
Conc: 20.87 ug/ml



#13 n-Docosane (C22)

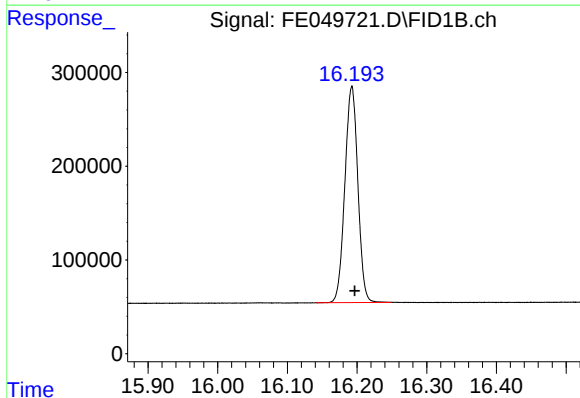
R.T.: 14.072 min
Delta R.T.: -0.003 min
Response: 3026468
Conc: 20.76 ug/ml

Instrument :
FID_E
ClientSampleId :



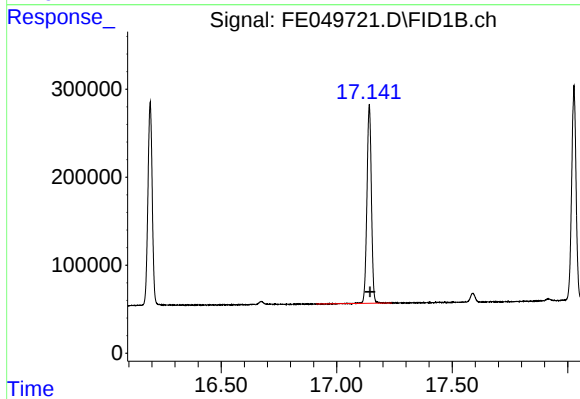
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: -0.004 min
Response: 3025637
Conc: 20.80 ug/ml



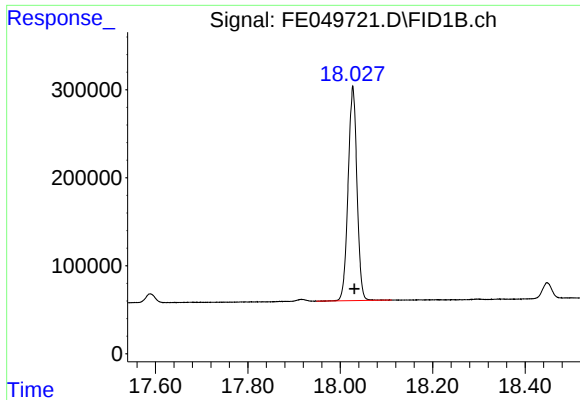
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.004 min
Response: 2987559
Conc: 20.70 ug/ml



#16 n-Octacosane (C28)

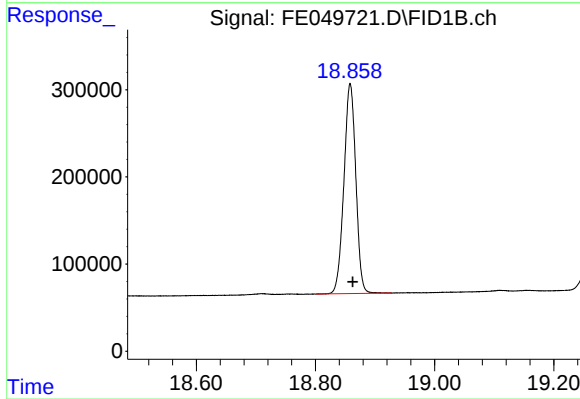
R.T.: 17.141 min
Delta R.T.: -0.004 min
Response: 3037502
Conc: 21.09 ug/ml



#17 n-Tricontane (C30)

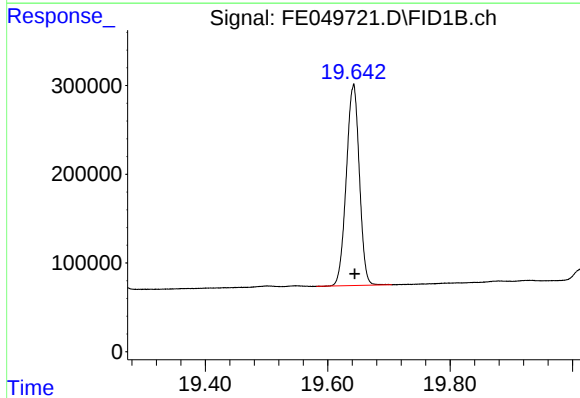
R.T.: 18.027 min
Delta R.T.: -0.004 min
Response: 3241978
Conc: 21.66 ug/ml

Instrument :
FID_E
ClientSampleId :



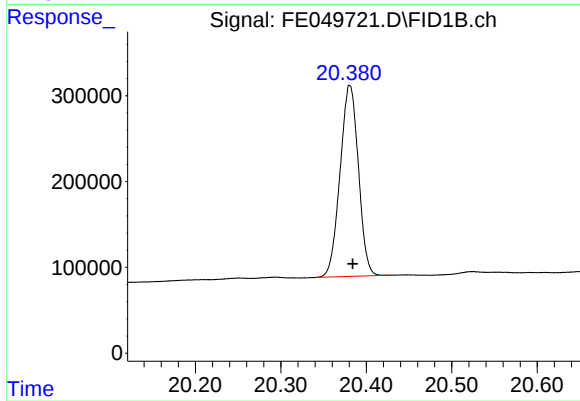
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: -0.004 min
Response: 3337678
Conc: 22.06 ug/ml



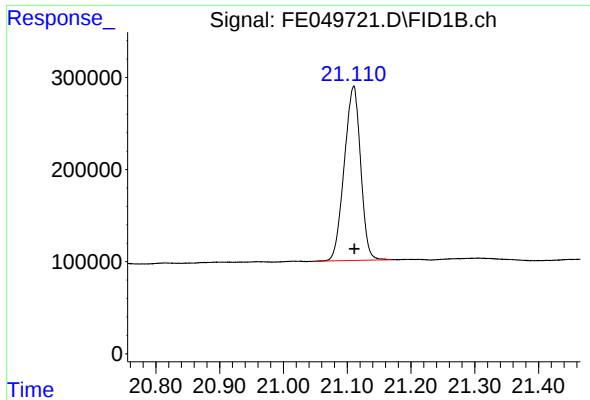
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: -0.003 min
Response: 3351285
Conc: 21.92 ug/ml



#20 n-Hexatriacontane (C36)

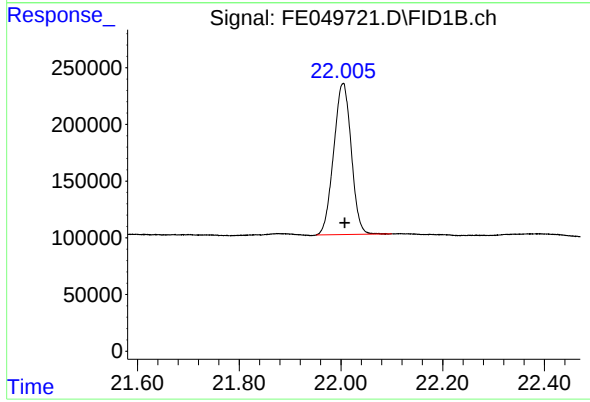
R.T.: 20.381 min
Delta R.T.: -0.003 min
Response: 3327208
Conc: 21.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.002 min
Response: 3371231
Conc: 21.48 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: -0.003 min
Response: 3192070
Conc: 20.91 ug/ml