

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052424AL\
 Data File : FE048385.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2024 12:29
 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: May 25 01:03:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.955	2574519	17.846 ug/ml
Spiked Amount 50.000		Recovery =	35.69%
12) S 1-chlorooctadecane (S...	13.389	1974214	17.668 ug/ml
Spiked Amount 50.000		Recovery =	35.34%
Target Compounds			
1) T n-Nonane (C9)	3.341	2385496	18.510 ug/ml
2) T n-Decane (C10)	4.590	2591100	19.681 ug/ml
3) T A~Naphthalene (C11.7)	6.297	2547037	18.446 ug/ml
4) T n-Dodecane (C12)	6.756	2577002	19.331 ug/ml
5) T A~2-methylnaphthalene...	7.393	2422590	18.205 ug/ml
6) T n-Tetradecane (C14)	8.584	2504545	18.899 ug/ml
7) T n-Hexadecane (C16)	10.192	2525642	18.364 ug/ml
8) T n-Octadecane (C18)	11.635	2512200	18.035 ug/ml
10) T n-Eicosane (C20)	12.944	2409153	17.893 ug/ml
11) T n-Heneicosane (C21)	13.555	2349126	17.746 ug/ml
13) T n-Docosane (C22)	14.142	2404827	18.147 ug/ml
14) T n-Tetracosane (C24)	15.244	2542673	19.096 ug/ml
15) T n-Hexacosane (C26)	16.263	2655221	19.898 ug/ml
16) T n-Octacosane (C28)	17.212	2850269	21.407 ug/ml
17) T n-Tricontane (C30)	18.100	3220162	23.332 ug/ml
18) T n-Dotriacontane (C32)	18.932	3337641	24.164 ug/ml
19) T n-Tetratriacontane (C34)	19.714	3061040	22.471 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2845179	21.013 ug/ml
21) T n-Octatriacontane (C38)	21.192	3042887	22.039 ug/ml
22) T n-Tetracontane (C40)	22.113	2699296	19.375 ug/ml

(f)=RT Delta > 1/2 Window

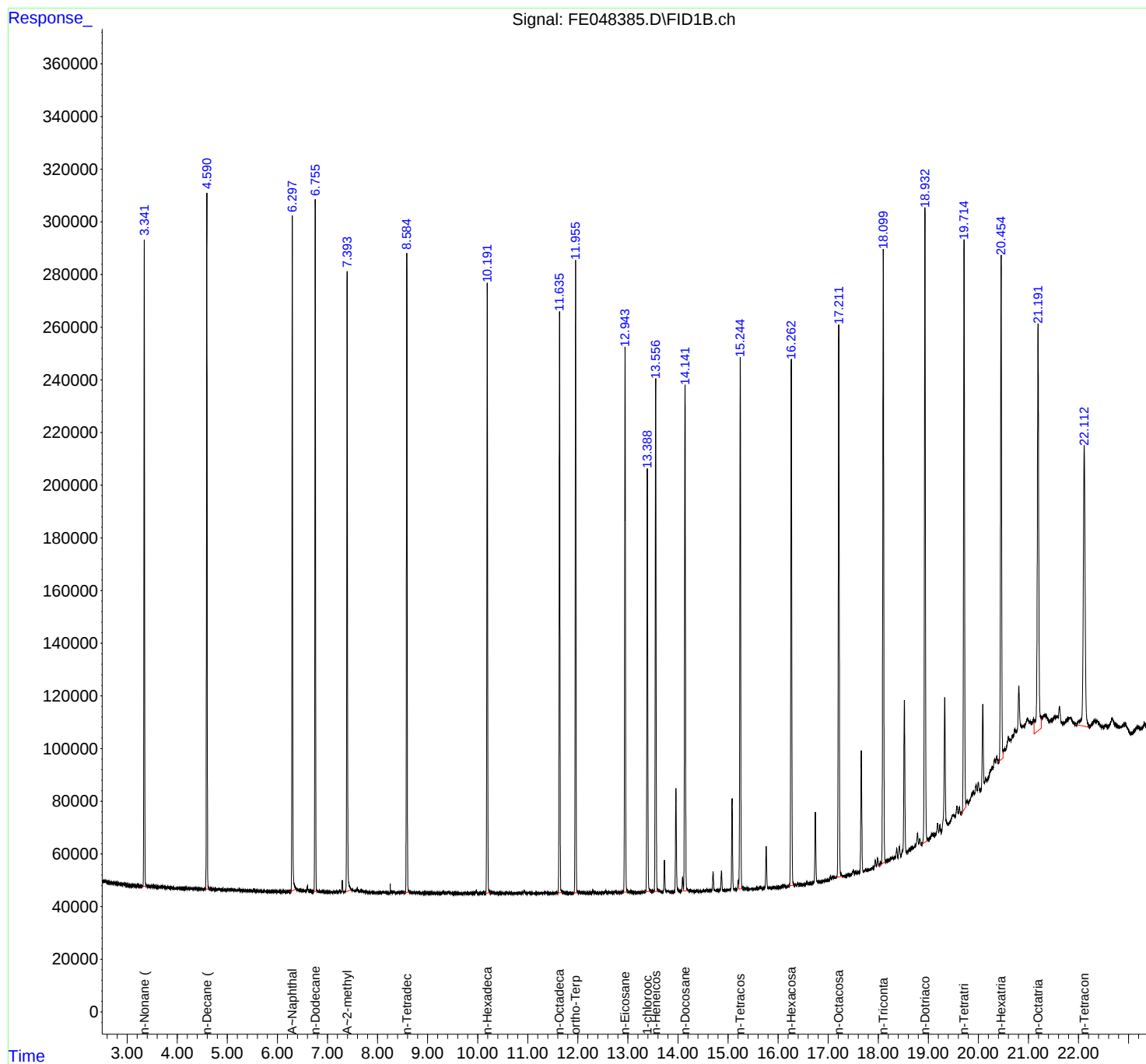
(m)=manual int.

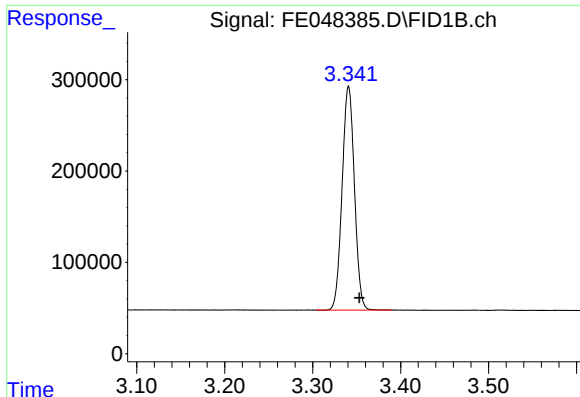
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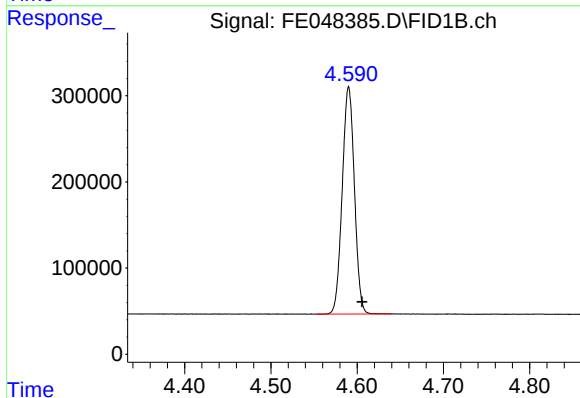




#1 n-Nonane (C9)

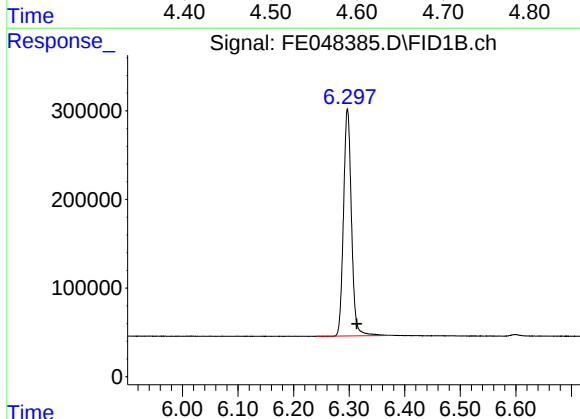
R.T.: 3.341 min
Delta R.T.: -0.012 min
Response: 2385496
Conc: 18.51 ug/ml

Instrument :
FID_E
ClientSampleId :



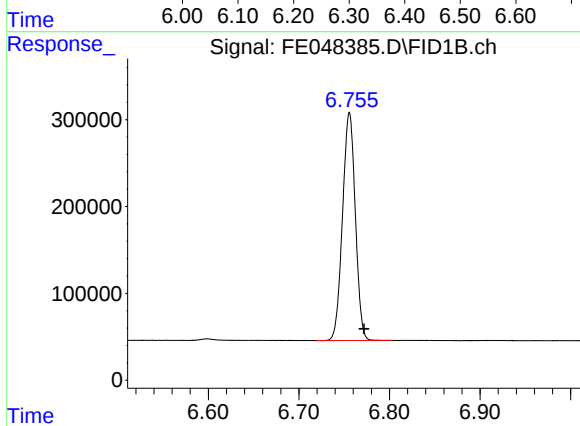
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: -0.015 min
Response: 2591100
Conc: 19.68 ug/ml



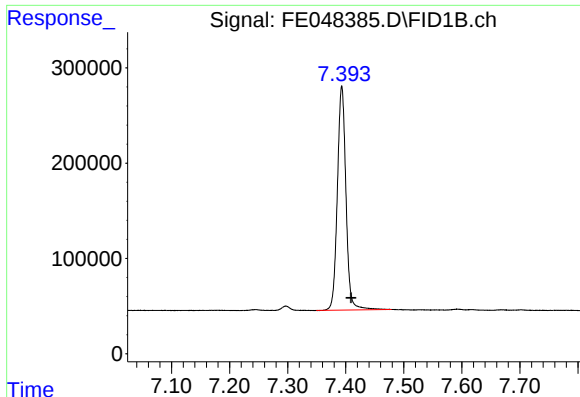
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.017 min
Response: 2547037
Conc: 18.45 ug/ml



#4 n-Dodecane (C12)

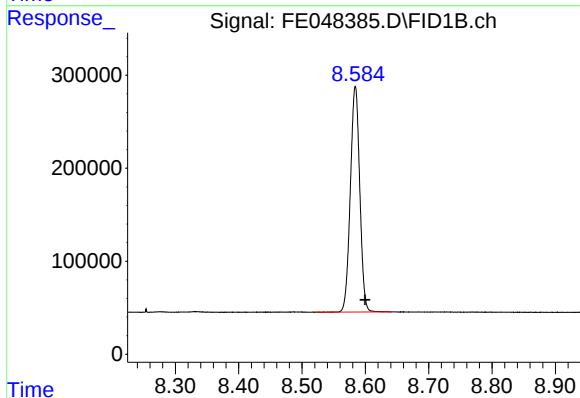
R.T.: 6.756 min
Delta R.T.: -0.016 min
Response: 2577002
Conc: 19.33 ug/ml



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

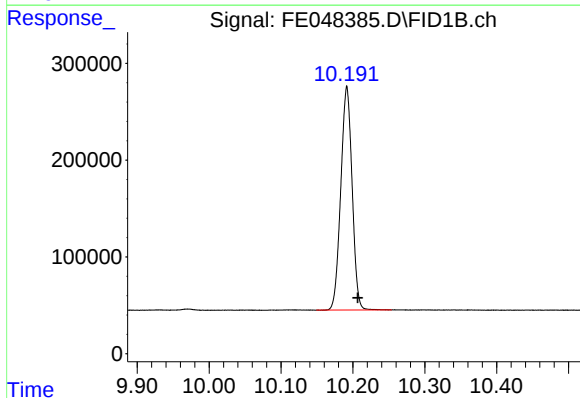
R.T.: 7.393 min
Delta R.T.: -0.016 min
Response: 2422590
Conc: 18.20 ug/ml

Instrument :
FID_E
ClientSampleId :



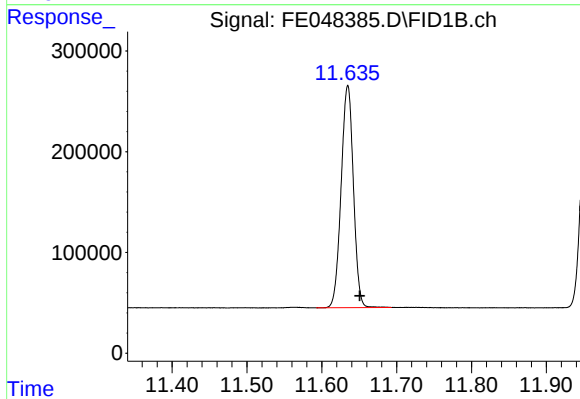
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.015 min
Response: 2504545
Conc: 18.90 ug/ml



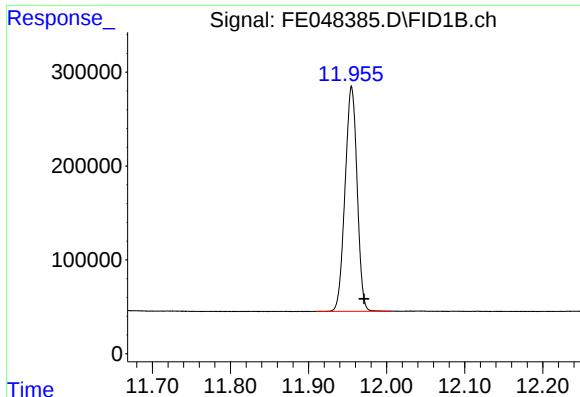
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.015 min
Response: 2525642
Conc: 18.36 ug/ml



#8 n-Octadecane (C18)

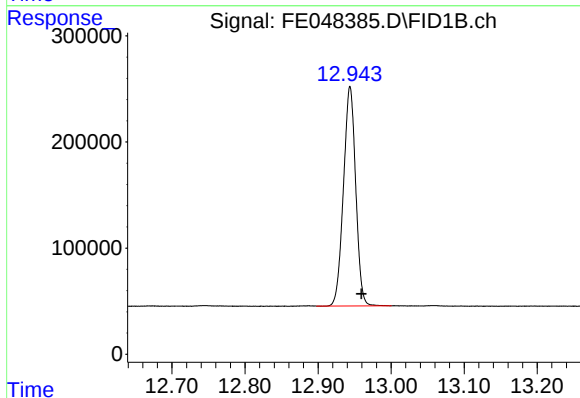
R.T.: 11.635 min
Delta R.T.: -0.016 min
Response: 2512200
Conc: 18.03 ug/ml



#9 ortho-Terphenyl (SURR)

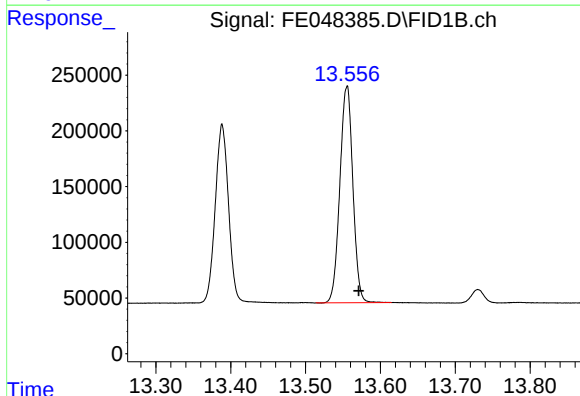
R.T.: 11.955 min
Delta R.T.: -0.016 min
Response: 2574519
Conc: 17.85 ug/ml

Instrument :
FID_E
ClientSampleId :



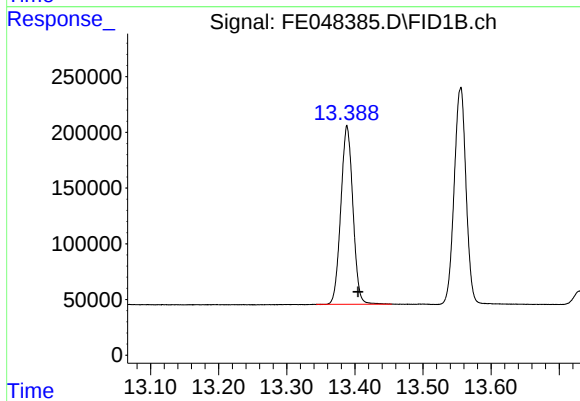
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.016 min
Response: 2409153
Conc: 17.89 ug/ml



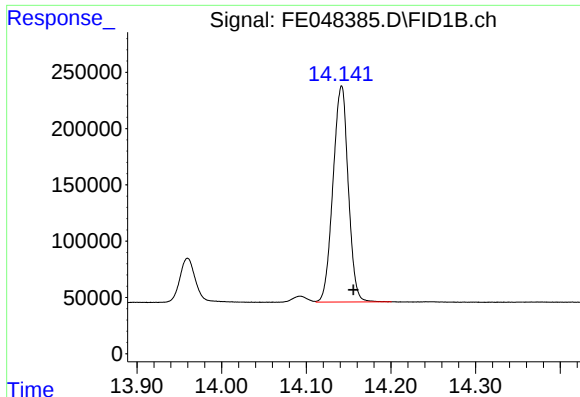
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.016 min
Response: 2349126
Conc: 17.75 ug/ml



#12 1-chlorooctadecane (SURR)

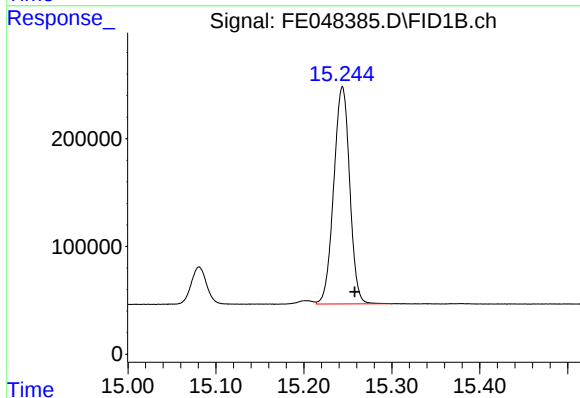
R.T.: 13.389 min
Delta R.T.: -0.016 min
Response: 1974214
Conc: 17.67 ug/ml



#13 n-Docosane (C22)

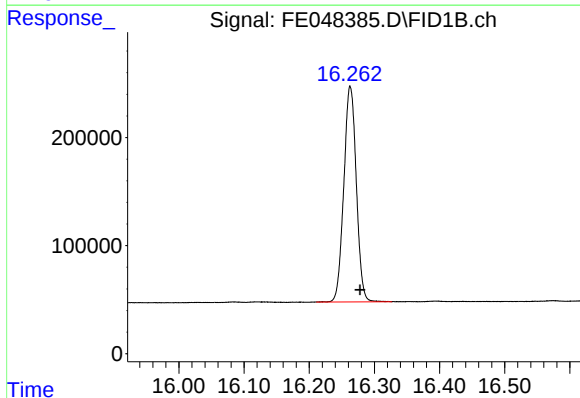
R.T.: 14.142 min
Delta R.T.: -0.014 min
Response: 2404827
Conc: 18.15 ug/ml

Instrument :
FID_E
ClientSampleId :



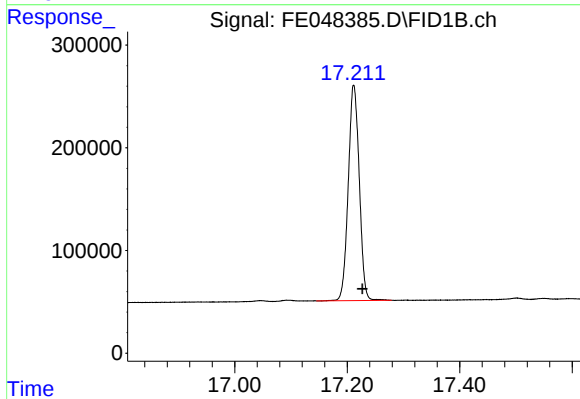
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: -0.014 min
Response: 2542673
Conc: 19.10 ug/ml



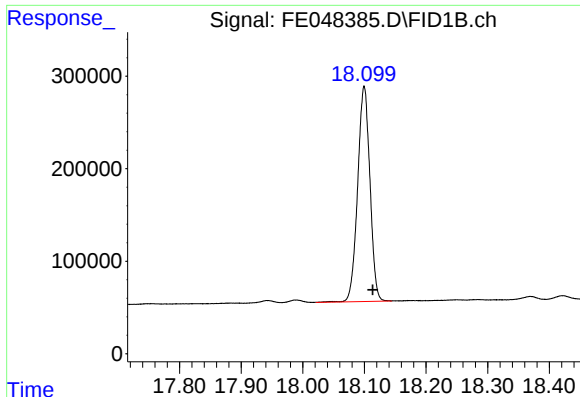
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: -0.015 min
Response: 2655221
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

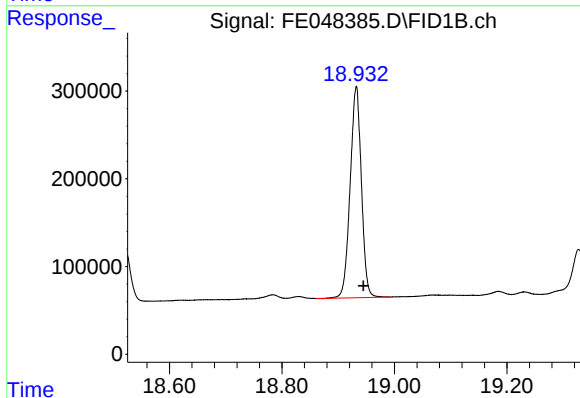
R.T.: 17.212 min
Delta R.T.: -0.016 min
Response: 2850269
Conc: 21.41 ug/ml



#17 n-Tricontane (C30)

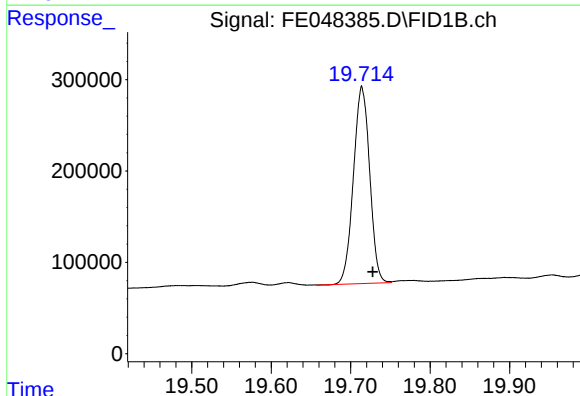
R.T.: 18.100 min
Delta R.T.: -0.014 min
Response: 3220162
Conc: 23.33 ug/ml

Instrument :
FID_E
ClientSampleId :



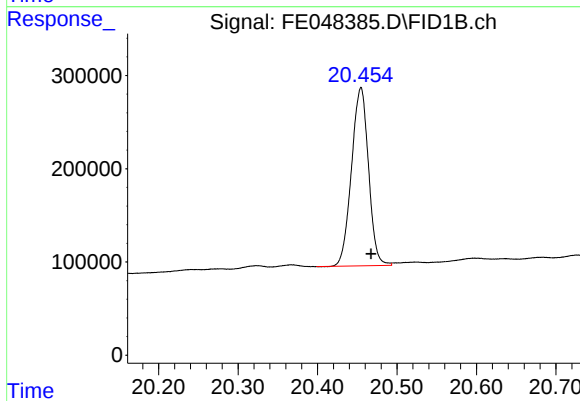
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.013 min
Response: 3337641
Conc: 24.16 ug/ml



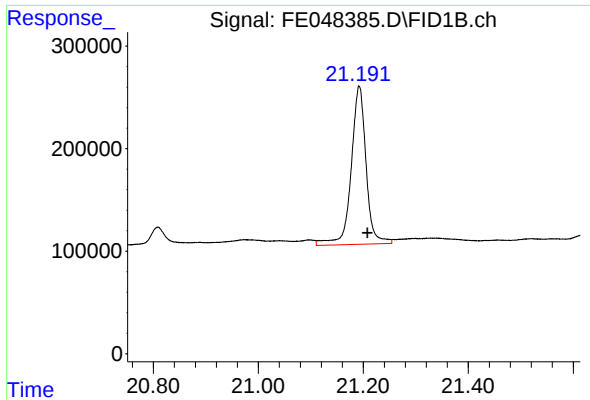
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.014 min
Response: 3061040
Conc: 22.47 ug/ml



#20 n-Hexatriacontane (C36)

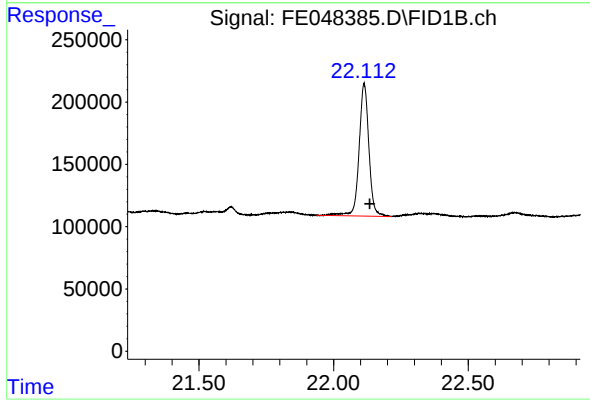
R.T.: 20.455 min
Delta R.T.: -0.013 min
Response: 2845179
Conc: 21.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: -0.015 min
Response: 3042887
Conc: 22.04 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: -0.021 min
Response: 2699296
Conc: 19.37 ug/ml