

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052824AL\
 Data File : FE048406.D
 Signal(s) : FID1B.ch
 Acq On : 28 May 2024 13:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 29 01:17:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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	2789100	19.423 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
12) S 1-chlorooctadecane (S...	13.389	2104409	19.317 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
Target Compounds			
1) T n-Nonane (C9)	3.340	2861414	19.139 ug/ml
2) T n-Decane (C10)	4.590	2920445	19.340 ug/ml
3) T A~Naphthalene (C11.7)	6.296	2878589	19.333 ug/ml
4) T n-Dodecane (C12)	6.755	2868981	19.382 ug/ml
5) T A~2-methylnaphthalene...	7.392	2689841	19.400 ug/ml
6) T n-Tetradecane (C14)	8.584	2744138	19.348 ug/ml
7) T n-Hexadecane (C16)	10.191	2734159	19.394 ug/ml
8) T n-Octadecane (C18)	11.635	2695658	19.409 ug/ml
10) T n-Eicosane (C20)	12.944	2577538	19.477 ug/ml
11) T n-Heneicosane (C21)	13.555	2513201	19.402 ug/ml
13) T n-Docosane (C22)	14.141	2531777	19.647 ug/ml
14) T n-Tetracosane (C24)	15.244	2625232	20.264 ug/ml
15) T n-Hexacosane (C26)	16.265	2646565	20.420 ug/ml
16) T n-Octacosane (C28)	17.213	2699632	20.886 ug/ml
17) T n-Tricontane (C30)	18.099	2799482	20.898 ug/ml
18) T n-Dotriacontane (C32)	18.931	2795711	20.596 ug/ml
19) T n-Tetratriacontane (C34)	19.715	2683301	19.615 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2651785	19.508 ug/ml
21) T n-Octatriacontane (C38)	21.191	2649858	19.431 ug/ml
22) T n-Tetracontane (C40)	22.113	2576965	18.821 ug/ml

(f)=RT Delta > 1/2 Window

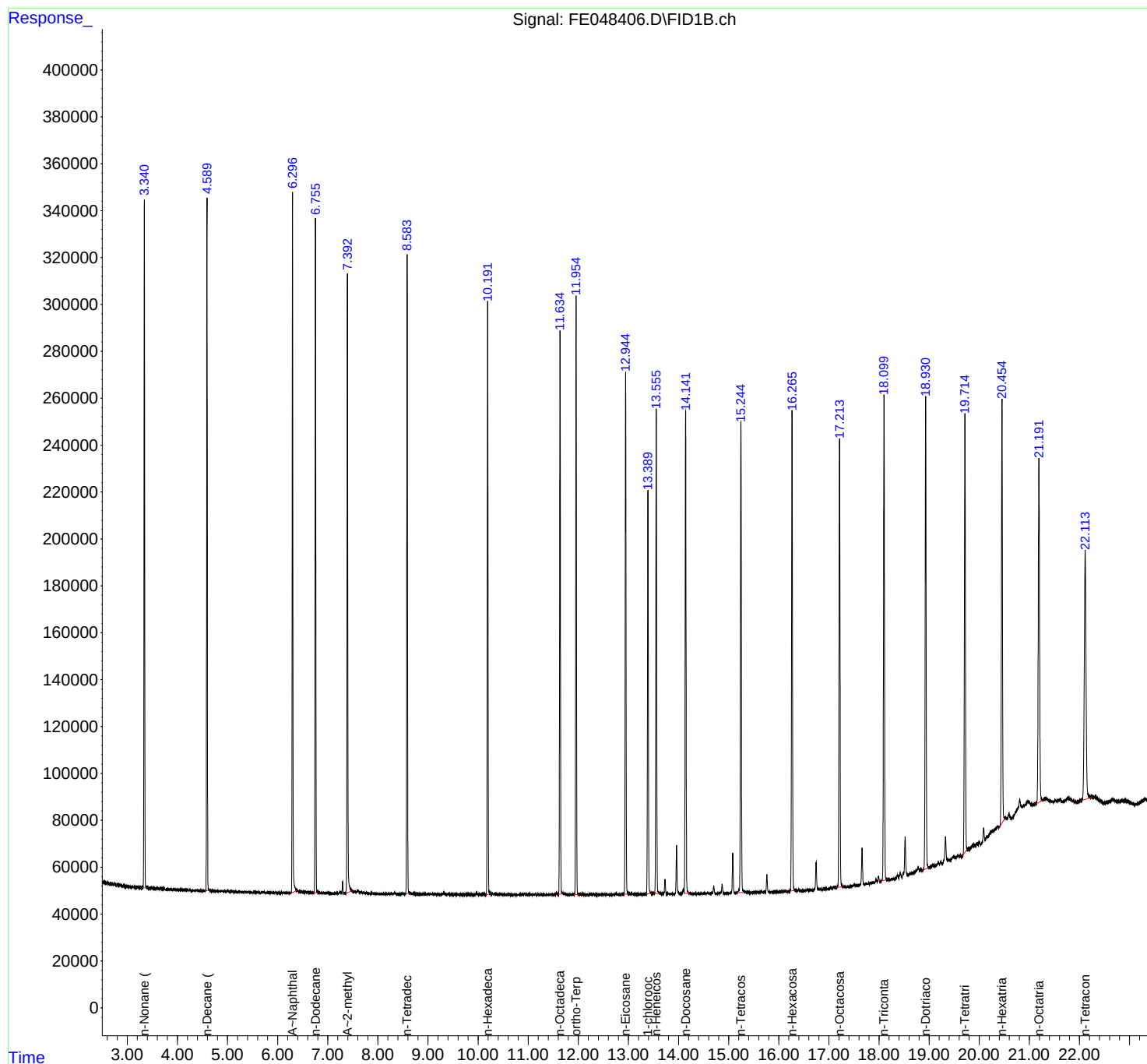
(m)=manual int.

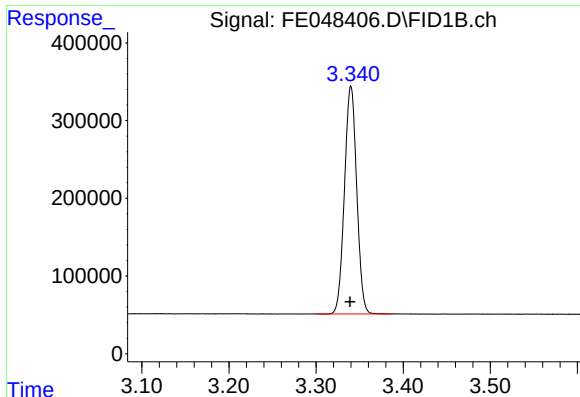
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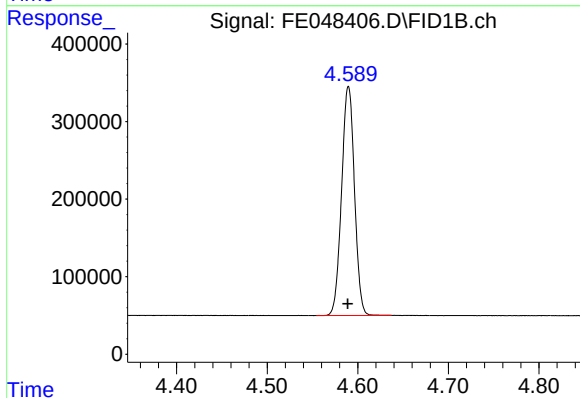




#1 n-Nonane (C9)

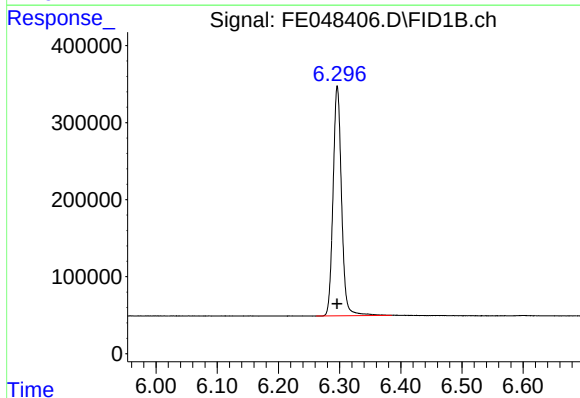
R.T.: 3.340 min
Delta R.T.: 0.001 min
Response: 2861414
Conc: 19.14 ug/ml

Instrument :
FID_E
ClientSampleId :



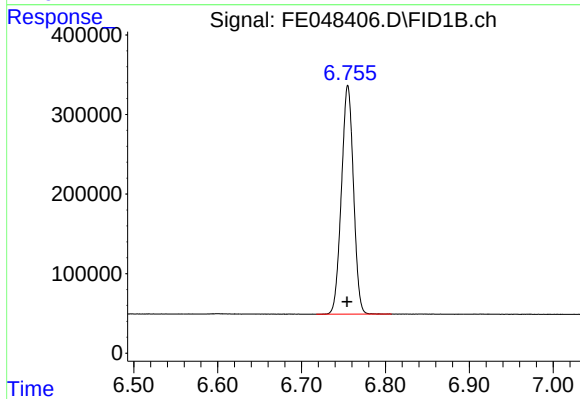
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 2920445
Conc: 19.34 ug/ml



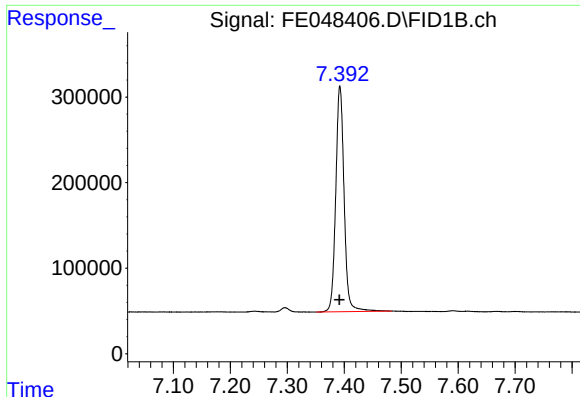
#3 A~Naphthalene (C11.7)

R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 2878589
Conc: 19.33 ug/ml



#4 n-Dodecane (C12)

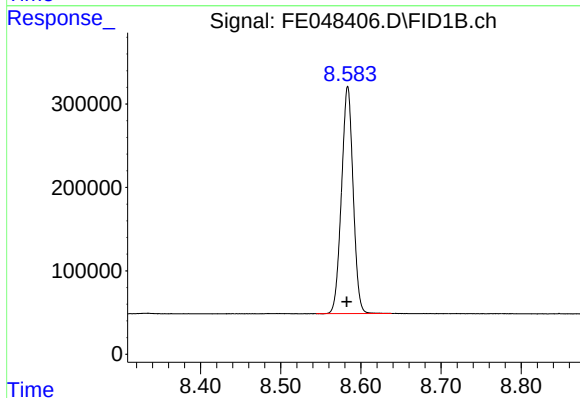
R.T.: 6.755 min
Delta R.T.: 0.001 min
Response: 2868981
Conc: 19.38 ug/ml



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

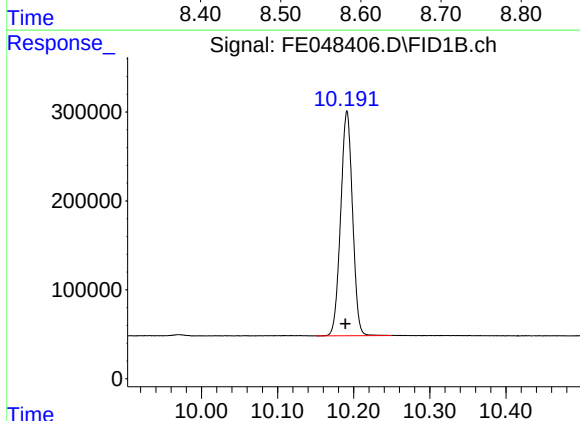
R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 2689841
Conc: 19.40 ug/ml

Instrument :
FID_E
ClientSampleId :



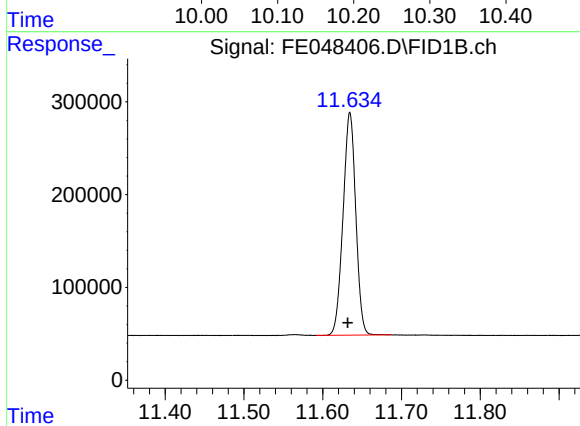
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: 0.001 min
Response: 2744138
Conc: 19.35 ug/ml



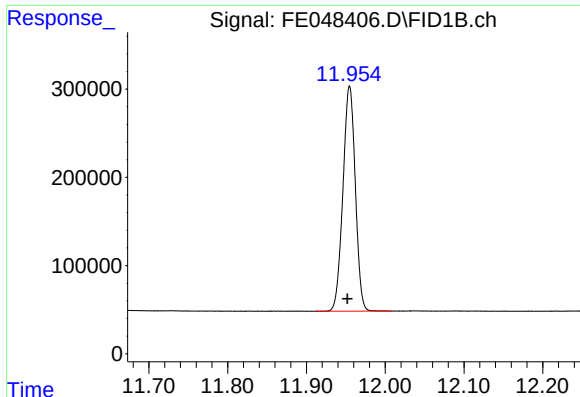
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: 0.002 min
Response: 2734159
Conc: 19.39 ug/ml



#8 n-Octadecane (C18)

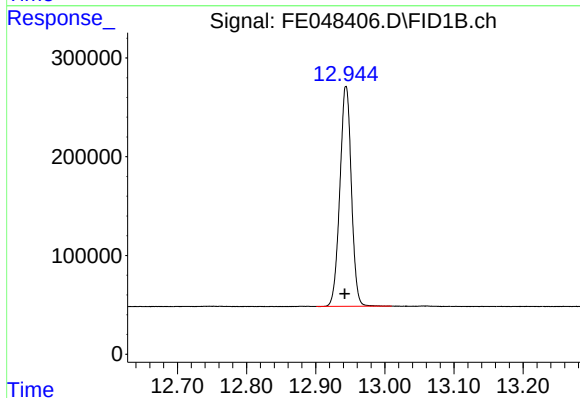
R.T.: 11.635 min
Delta R.T.: 0.003 min
Response: 2695658
Conc: 19.41 ug/ml



#9 ortho-Terphenyl (SURR)

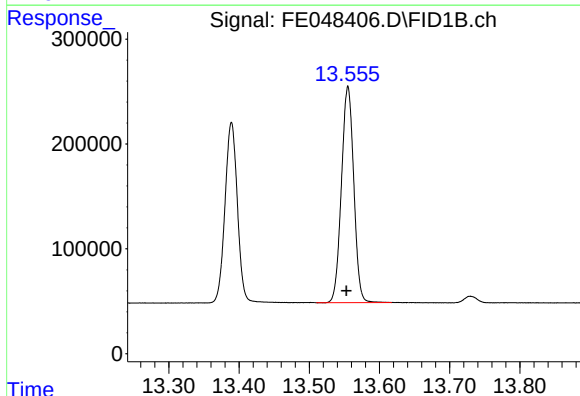
R.T.: 11.955 min
Delta R.T.: 0.003 min
Response: 2789100
Conc: 19.42 ug/ml

Instrument :
FID_E
ClientSampleId :



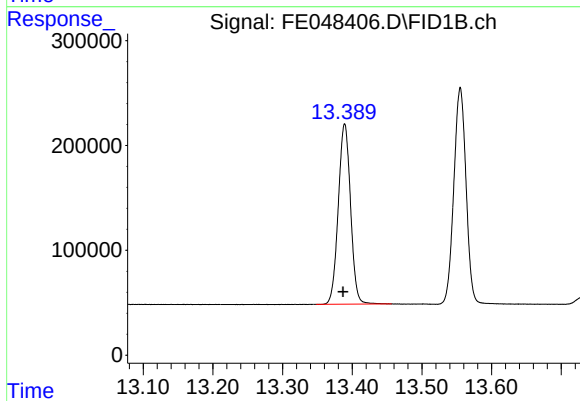
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.002 min
Response: 2577538
Conc: 19.48 ug/ml



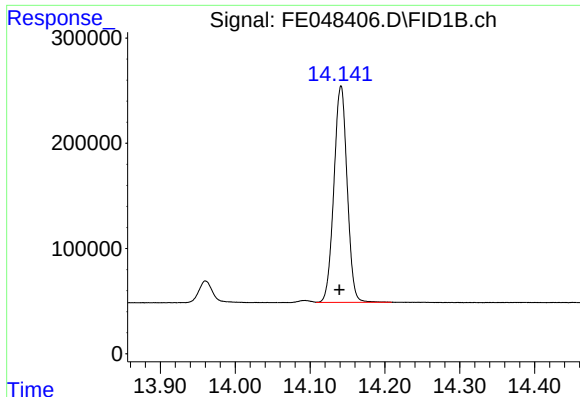
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.002 min
Response: 2513201
Conc: 19.40 ug/ml



#12 1-chlorooctadecane (SURR)

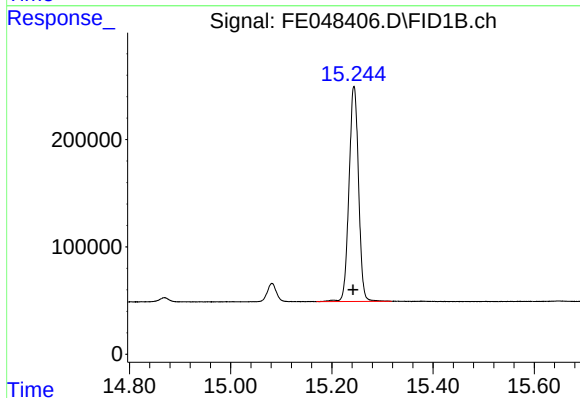
R.T.: 13.389 min
Delta R.T.: 0.002 min
Response: 2104409
Conc: 19.32 ug/ml



#13 n-Docosane (C22)

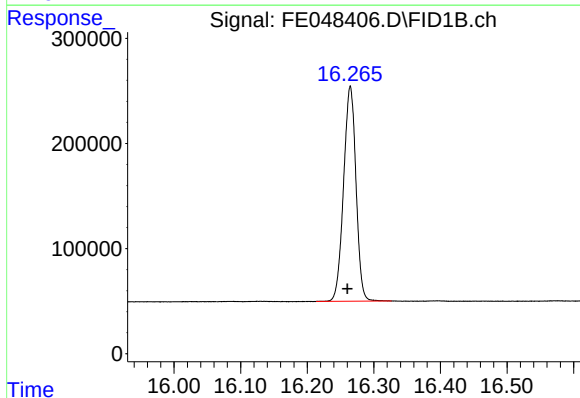
R.T.: 14.141 min
Delta R.T.: 0.002 min
Response: 2531777
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :



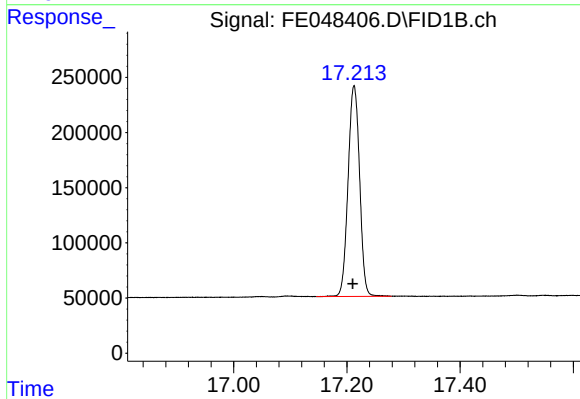
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.002 min
Response: 2625232
Conc: 20.26 ug/ml



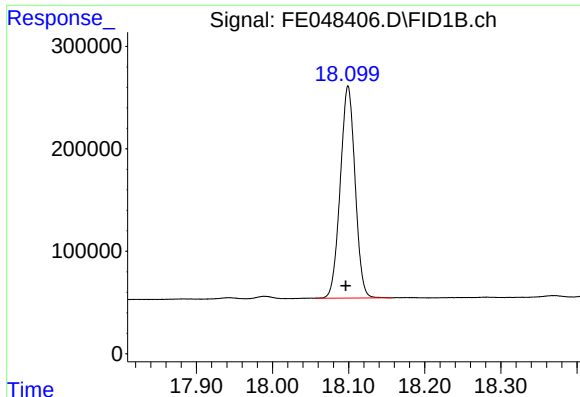
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.004 min
Response: 2646565
Conc: 20.42 ug/ml



#16 n-Octacosane (C28)

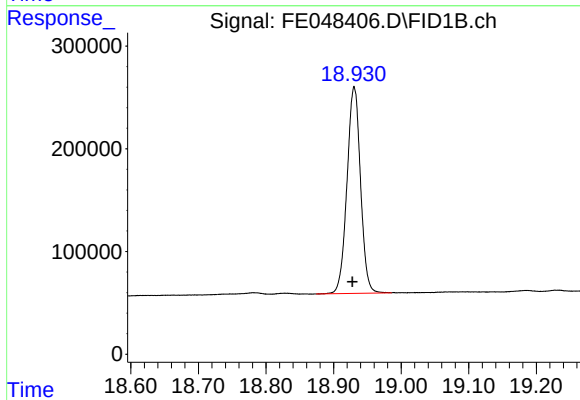
R.T.: 17.213 min
Delta R.T.: 0.002 min
Response: 2699632
Conc: 20.89 ug/ml



#17 n-Tricontane (C30)

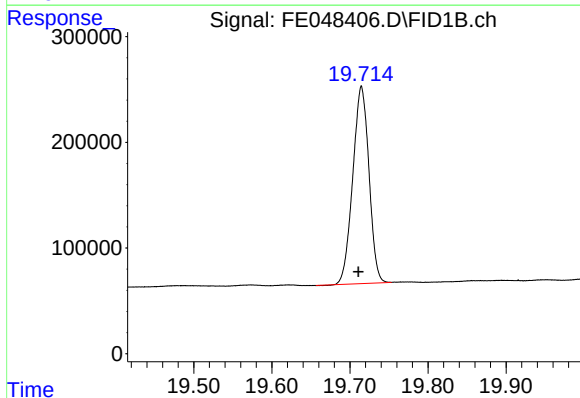
R.T.: 18.099 min
Delta R.T.: 0.003 min
Response: 2799482
Conc: 20.90 ug/ml

Instrument :
FID_E
ClientSampleId :



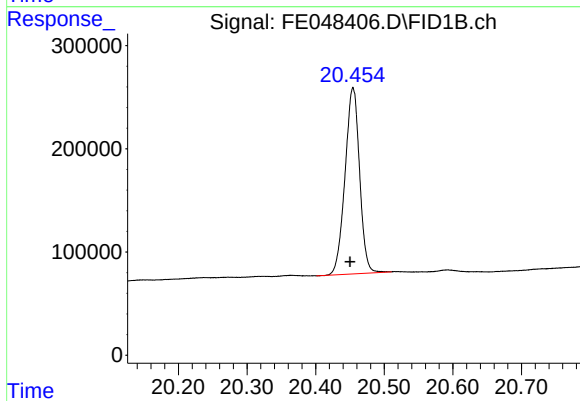
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: 0.003 min
Response: 2795711
Conc: 20.60 ug/ml



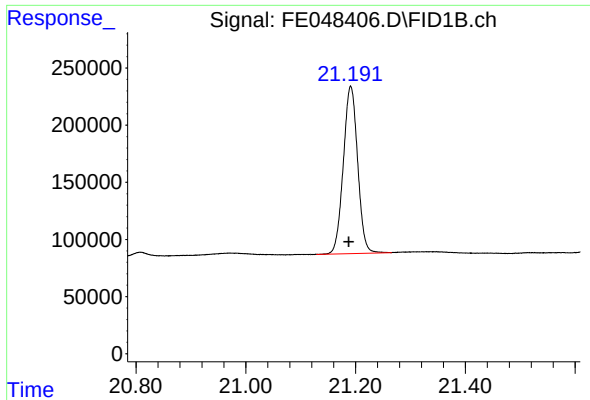
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: 0.004 min
Response: 2683301
Conc: 19.61 ug/ml



#20 n-Hexatriacontane (C36)

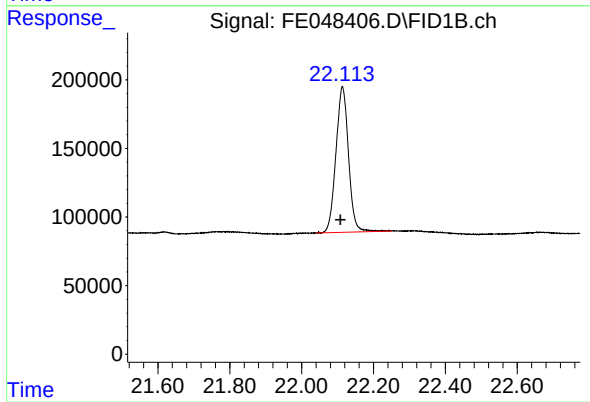
R.T.: 20.455 min
Delta R.T.: 0.004 min
Response: 2651785
Conc: 19.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: 0.003 min
Response: 2649858
Conc: 19.43 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: 0.006 min
Response: 2576965
Conc: 18.82 ug/ml