

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041425AL\
 Data File : FE053356.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2025 23:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 02:41:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.901	2884887	17.711 ug/ml
Spiked Amount 50.000		Recovery =	35.42%
12) S 1-chlorooctadecane (S...	13.347	2191775	18.258 ug/ml
Spiked Amount 50.000		Recovery =	36.52%
Target Compounds			
1) T n-Nonane (C9)	3.236	2694588	17.402 ug/ml
2) T n-Decane (C10)	4.499	2885971	18.399 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3001513	17.867 ug/ml
4) T n-Dodecane (C12)	6.682	2892777	18.496 ug/ml
5) T A~2-methylnaphthalene...	7.320	2874410	18.015 ug/ml
6) T n-Tetradecane (C14)	8.519	2832797	18.501 ug/ml
7) T n-Hexadecane (C16)	10.135	2847806	18.475 ug/ml
8) T n-Octadecane (C18)	11.585	2789721	18.394 ug/ml
10) T n-Eicosane (C20)	12.900	2638445	18.506 ug/ml
11) T n-Heneicosane (C21)	13.515	2542428	18.321 ug/ml
13) T n-Docosane (C22)	14.104	2643737	19.304 ug/ml
14) T n-Tetracosane (C24)	15.211	2875081	21.288 ug/ml
15) T n-Hexacosane (C26)	16.236	3052055	22.878 ug/ml
16) T n-Octacosane (C28)	17.188	3306224	25.053 ug/ml
17) T n-Tricontane (C30)	18.079	3578497	26.402 ug/ml
18) T n-Dotriacontane (C32)	18.915	3676051	27.318 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2911568	22.501 ug/ml
20) T n-Hexatriacontane (C36)	20.442	2684763	22.601 ug/ml
21) T n-Octatriacontane (C38)	21.183	1733255	15.080 ug/ml
22) T n-Tetracontane (C40)	22.106	4921201	43.817 ug/ml

(f)=RT Delta > 1/2 Window

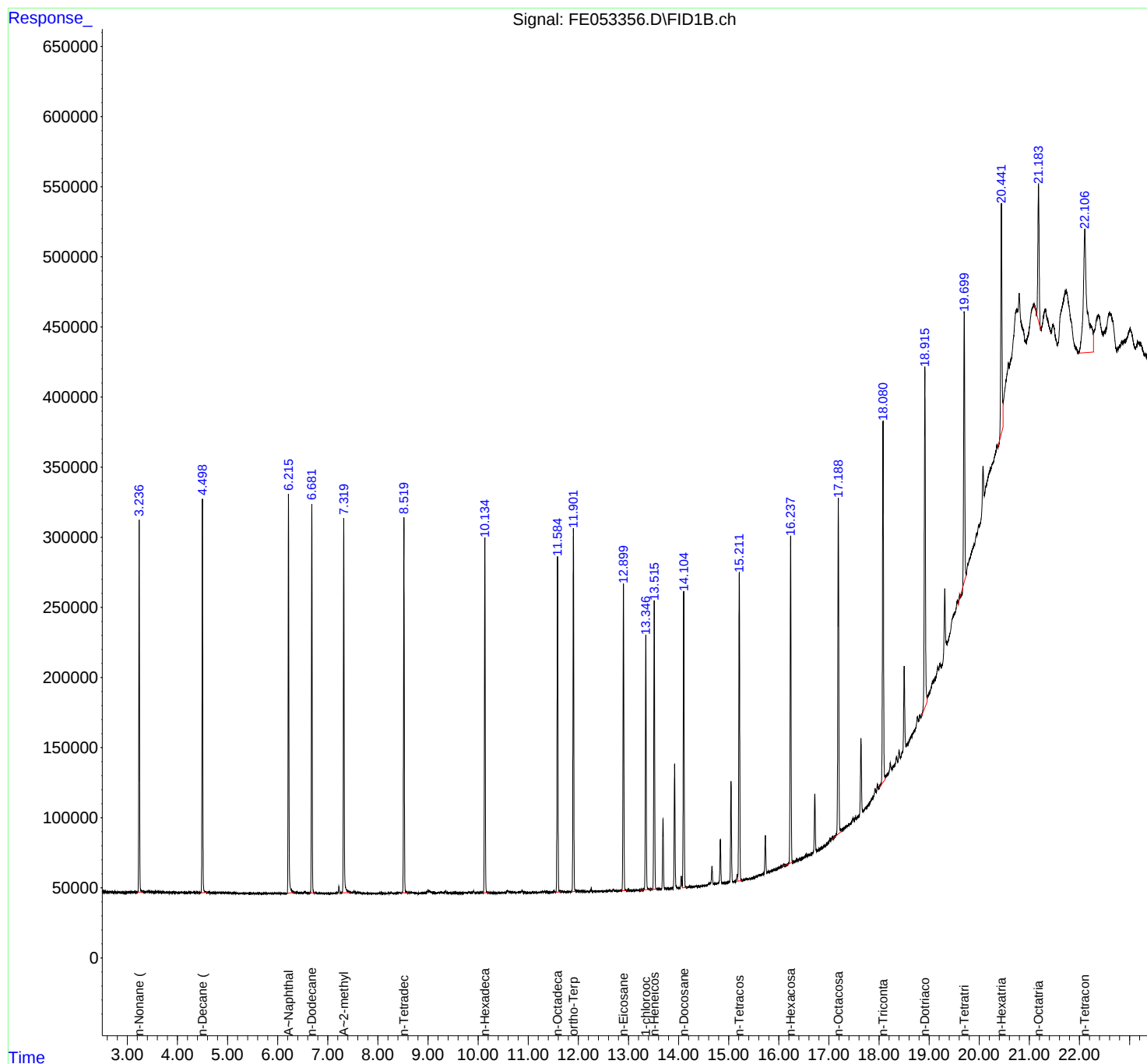
(m)=manual int.

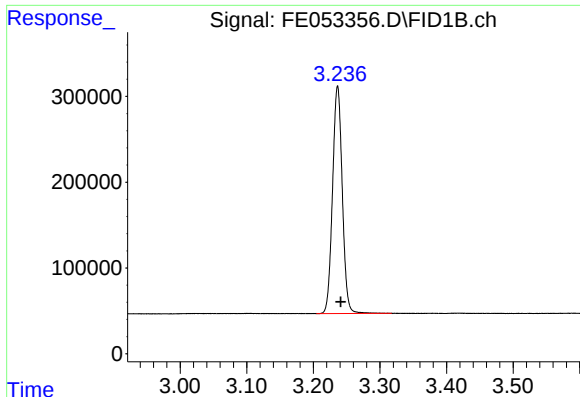
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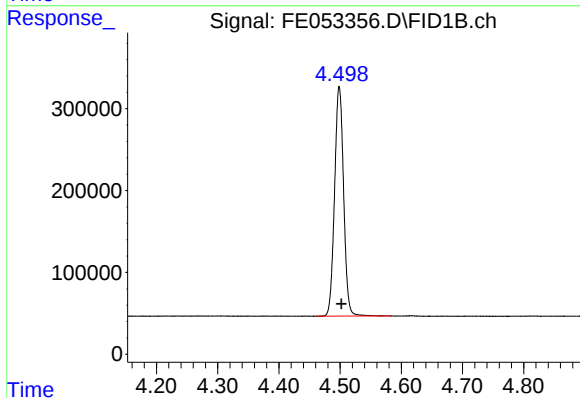




#1 n-Nonane (C9)

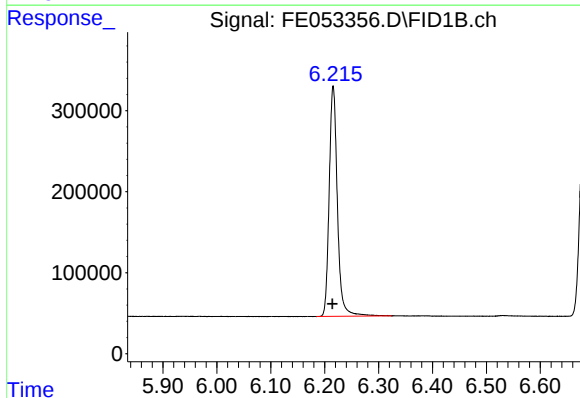
R.T.: 3.236 min
Delta R.T.: -0.005 min
Response: 2694588
Conc: 17.40 ug/ml

Instrument :
FID_E
ClientSampleId :



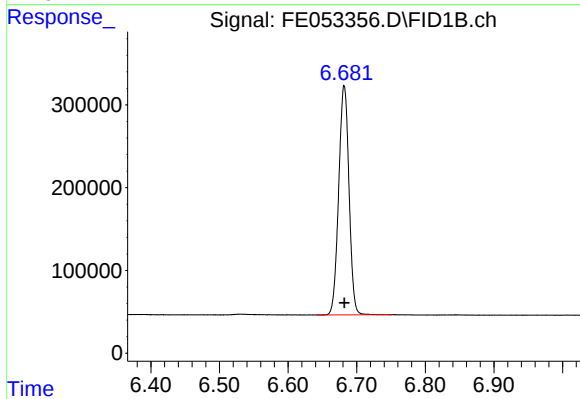
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.003 min
Response: 2885971
Conc: 18.40 ug/ml



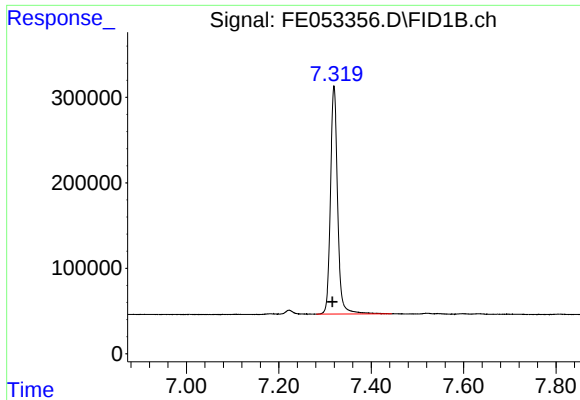
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 3001513
Conc: 17.87 ug/ml



#4 n-Dodecane (C12)

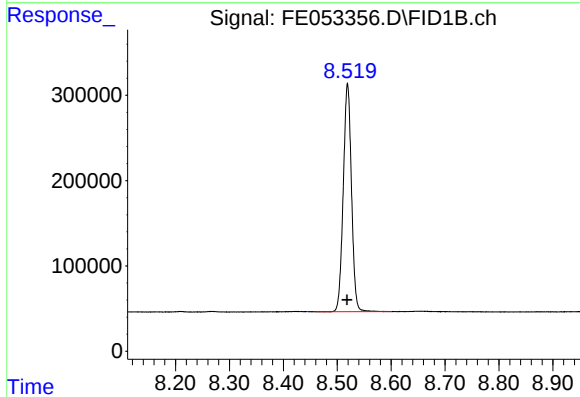
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 2892777
Conc: 18.50 ug/ml



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

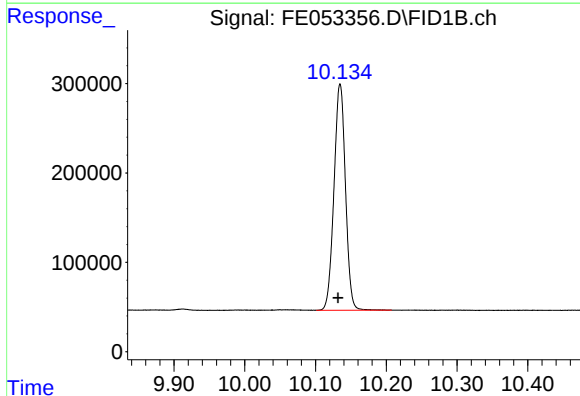
R.T.: 7.320 min
Delta R.T.: 0.003 min
Response: 2874410
Conc: 18.01 ug/ml

Instrument :
FID_E
ClientSampleId :



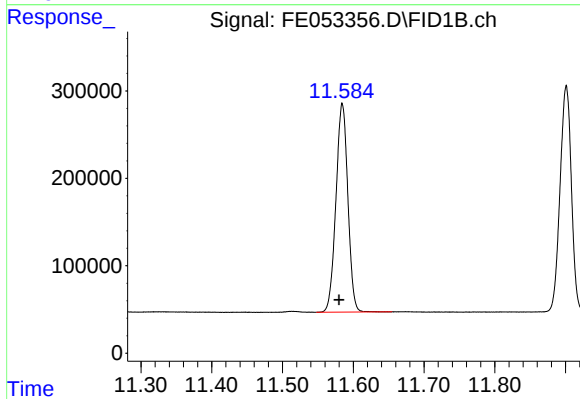
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: 0.001 min
Response: 2832797
Conc: 18.50 ug/ml



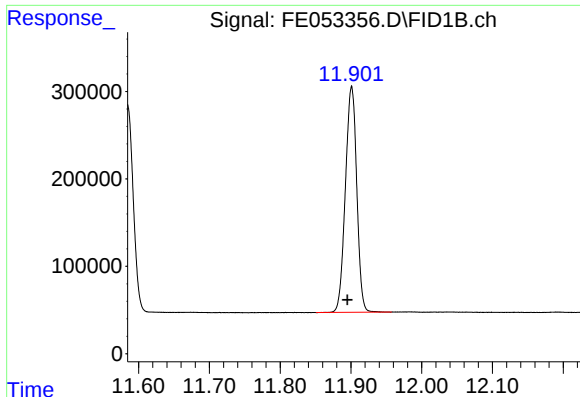
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: 0.003 min
Response: 2847806
Conc: 18.47 ug/ml



#8 n-Octadecane (C18)

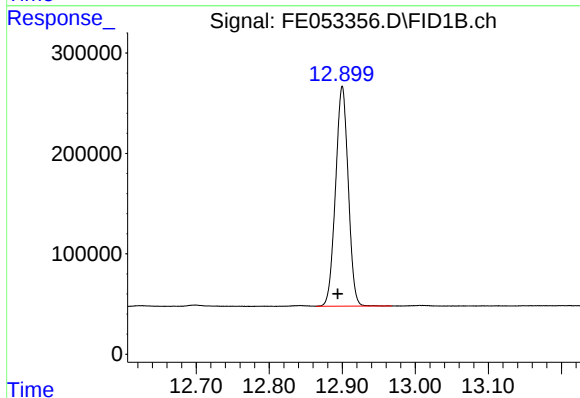
R.T.: 11.585 min
Delta R.T.: 0.004 min
Response: 2789721
Conc: 18.39 ug/ml



#9 ortho-Terphenyl (SURR)

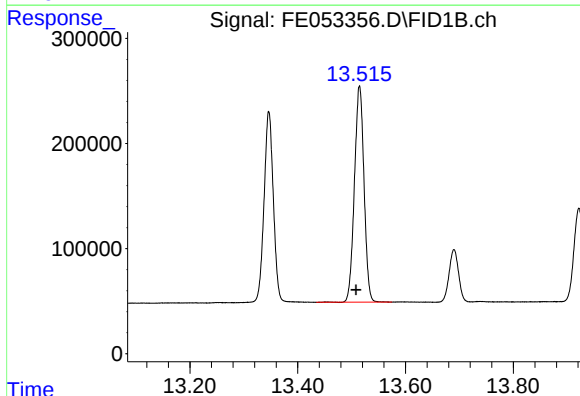
R.T.: 11.901 min
Delta R.T.: 0.006 min
Response: 2884887
Conc: 17.71 ug/ml

Instrument :
FID_E
ClientSampleId :



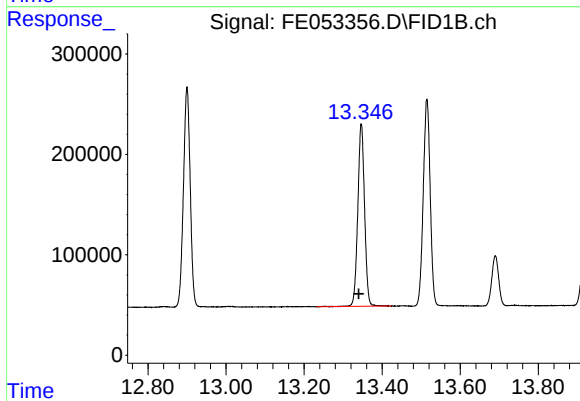
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: 0.006 min
Response: 2638445
Conc: 18.51 ug/ml



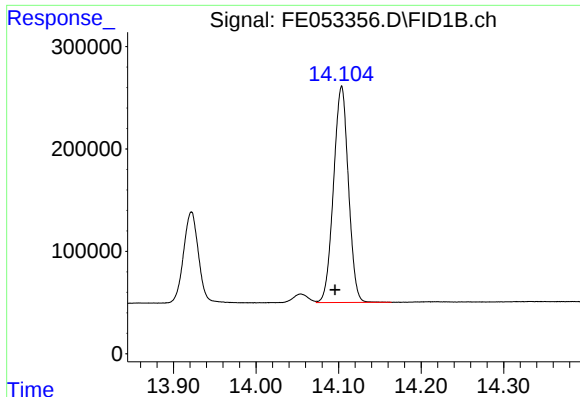
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: 0.007 min
Response: 2542428
Conc: 18.32 ug/ml



#12 1-chlorooctadecane (SURR)

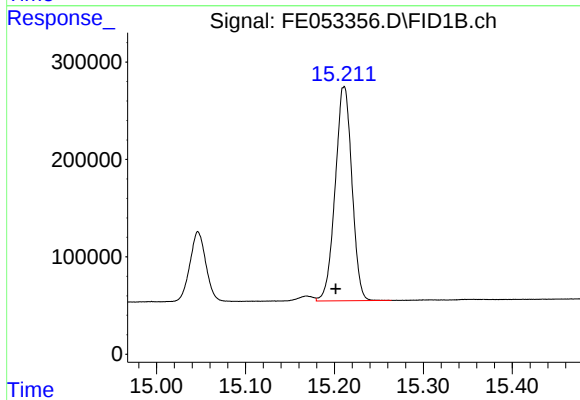
R.T.: 13.347 min
Delta R.T.: 0.007 min
Response: 2191775
Conc: 18.26 ug/ml



#13 n-Docosane (C22)

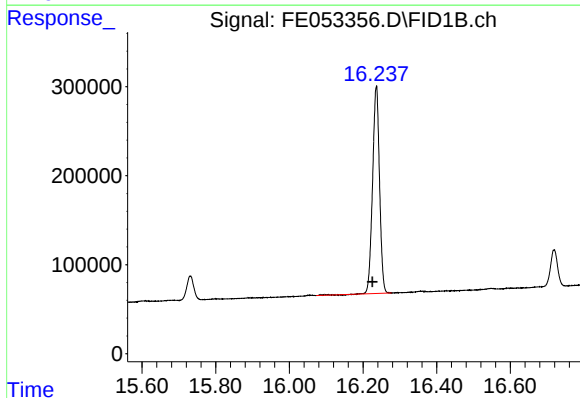
R.T.: 14.104 min
Delta R.T.: 0.008 min
Response: 2643737
Conc: 19.30 ug/ml

Instrument :
FID_E
ClientSampleId :



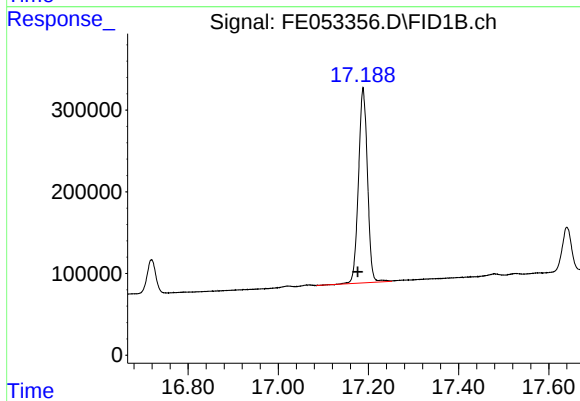
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: 0.010 min
Response: 2875081
Conc: 21.29 ug/ml



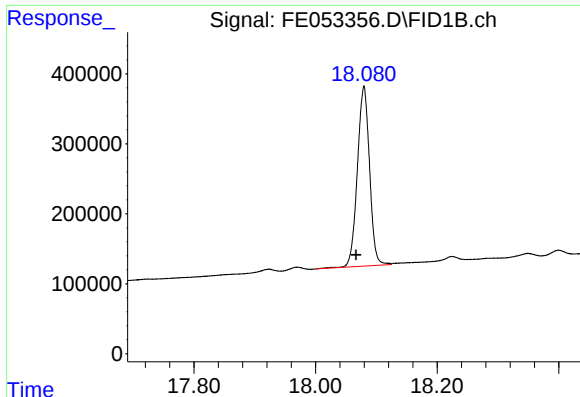
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: 0.011 min
Response: 3052055
Conc: 22.88 ug/ml



#16 n-Octacosane (C28)

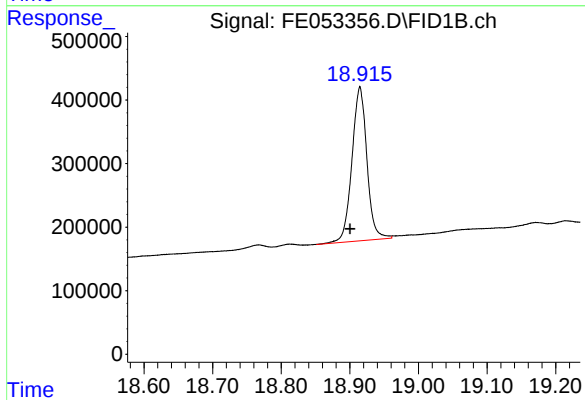
R.T.: 17.188 min
Delta R.T.: 0.012 min
Response: 3306224
Conc: 25.05 ug/ml



#17 n-Tricontane (C30)

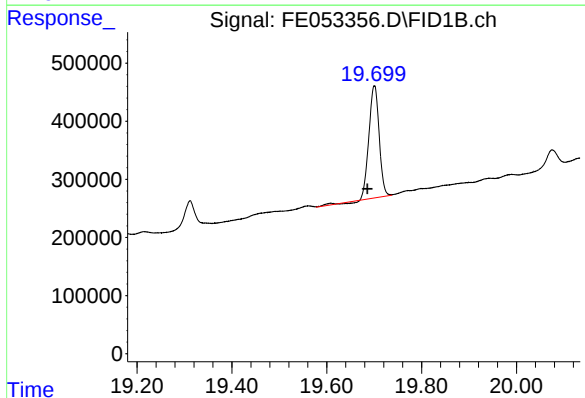
R.T.: 18.079 min
Delta R.T.: 0.013 min
Response: 3578497
Conc: 26.40 ug/ml

Instrument :
FID_E
ClientSampleId :



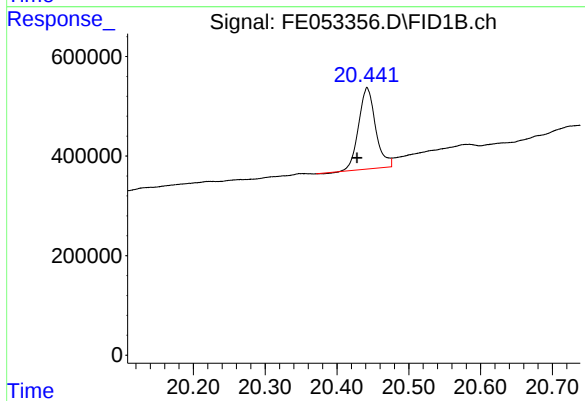
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: 0.014 min
Response: 3676051
Conc: 27.32 ug/ml



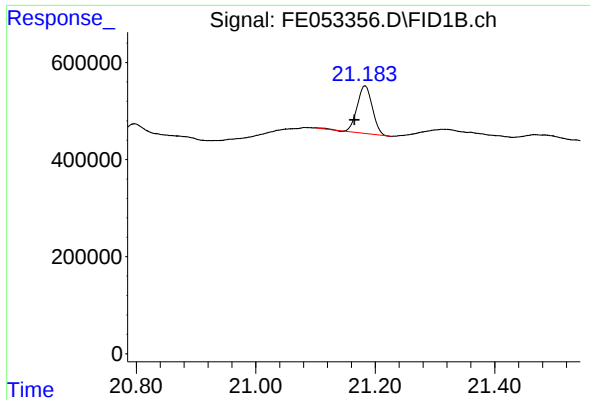
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: 0.014 min
Response: 2911568
Conc: 22.50 ug/ml



#20 n-Hexatriacontane (C36)

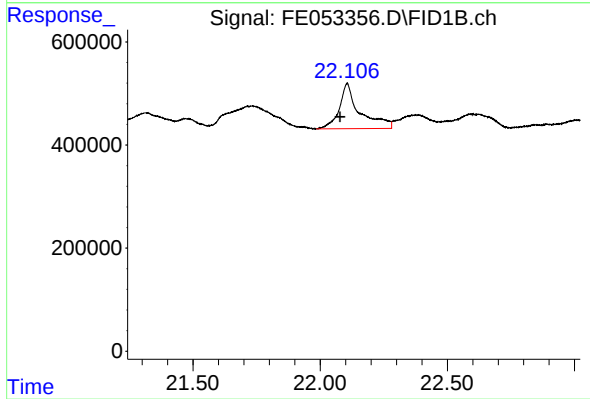
R.T.: 20.442 min
Delta R.T.: 0.014 min
Response: 2684763
Conc: 22.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: 0.018 min
Response: 1733255
Conc: 15.08 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: 0.027 min
Response: 4921201
Conc: 43.82 ug/ml