

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
 Data File : FE053064.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2025 03:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 31 02:47:18 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)	11.894	3311511	20.331 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	13.339	2441871	20.341 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
Target Compounds			
1) T n-Nonane (C9)	3.241	3143187	20.300 ug/ml
2) T n-Decane (C10)	4.502	3184744	20.303 ug/ml
3) T A~Naphthalene (C11.7)	6.214	3427535	20.403 ug/ml
4) T n-Dodecane (C12)	6.682	3181433	20.342 ug/ml
5) T A~2-methylnaphthalene...	7.315	3262784	20.449 ug/ml
6) T n-Tetradecane (C14)	8.517	3112647	20.329 ug/ml
7) T n-Hexadecane (C16)	10.131	3134719	20.336 ug/ml
8) T n-Octadecane (C18)	11.580	3085801	20.346 ug/ml
10) T n-Eicosane (C20)	12.894	2895337	20.307 ug/ml
11) T n-Heneicosane (C21)	13.507	2818984	20.314 ug/ml
13) T n-Docosane (C22)	14.095	2785923	20.342 ug/ml
14) T n-Tetracosane (C24)	15.201	2749783	20.360 ug/ml
15) T n-Hexacosane (C26)	16.224	2703323	20.264 ug/ml
16) T n-Octacosane (C28)	17.177	2685536	20.350 ug/ml
17) T n-Tricontane (C30)	18.067	2774460	20.470 ug/ml
18) T n-Dotriacontane (C32)	18.900	2773474	20.611 ug/ml
19) T n-Tetratriacontane (C34)	19.686	2659695	20.555 ug/ml
20) T n-Hexatriacontane (C36)	20.428	2440585	20.545 ug/ml
21) T n-Octatriacontane (C38)	21.168	2339912	20.358 ug/ml
22) T n-Tetracontane (C40)	22.082	2262880	20.148 ug/ml

(f)=RT Delta > 1/2 Window

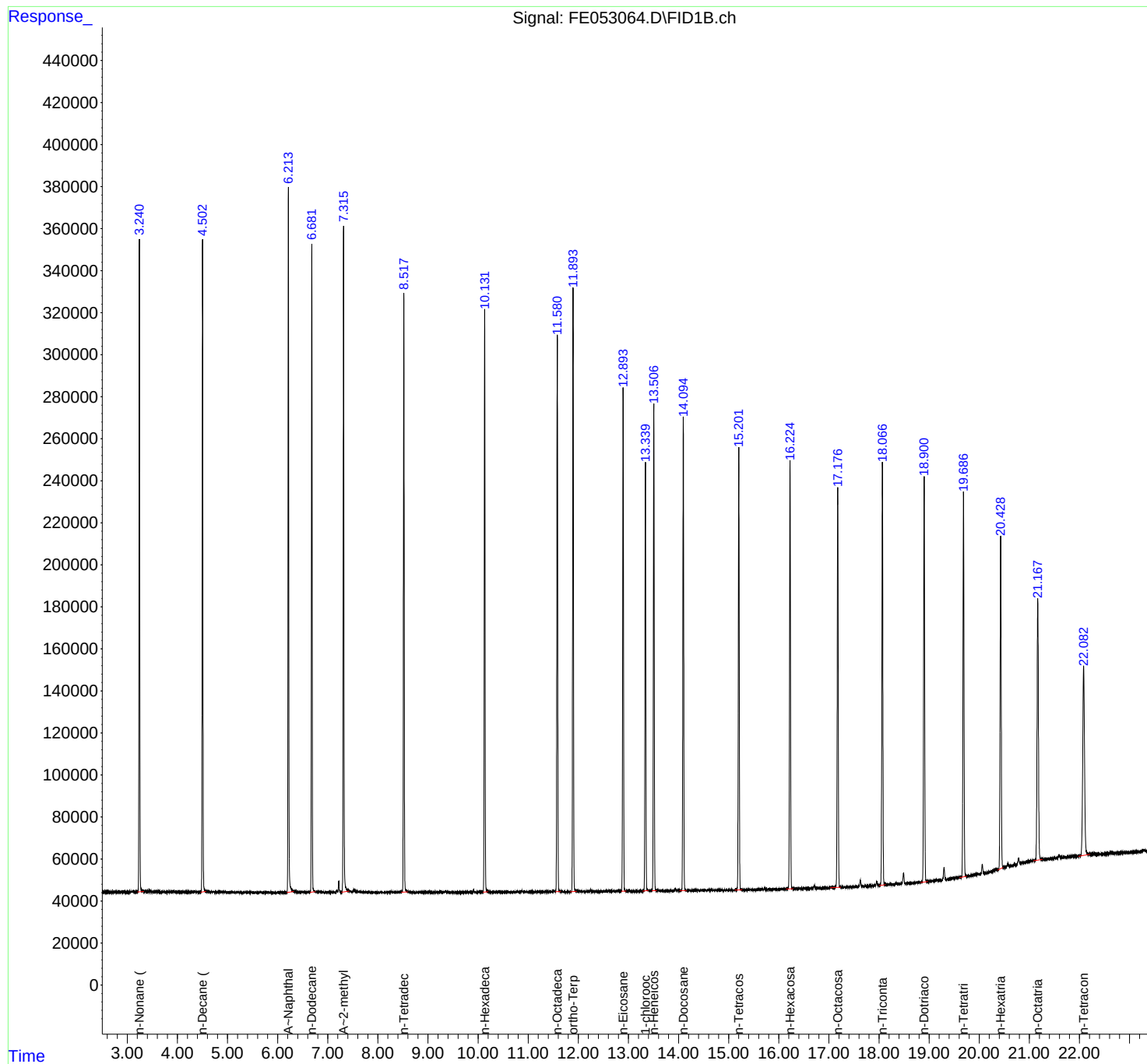
(m)=manual int.

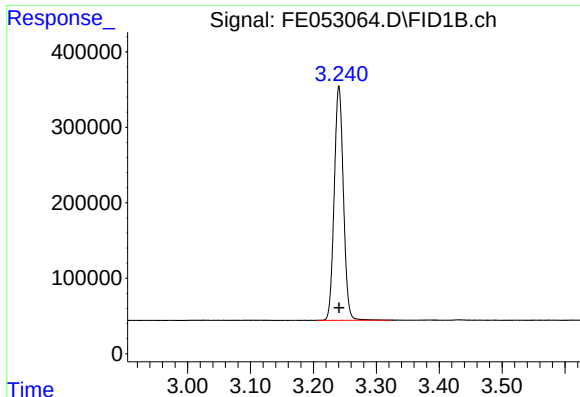
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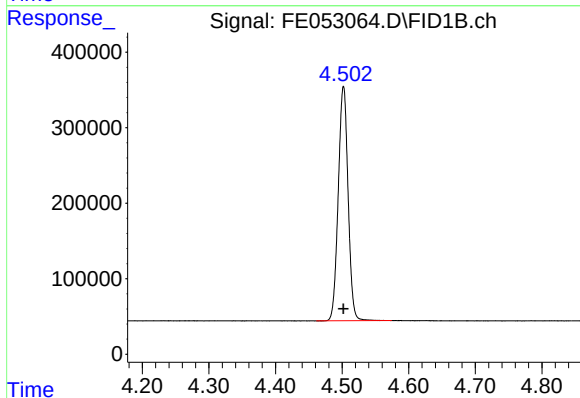




#1 n-Nonane (C9)

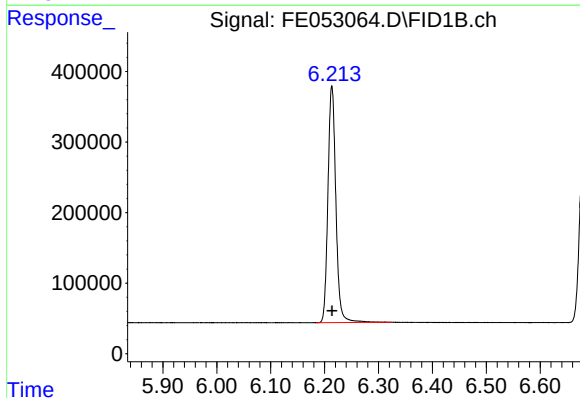
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 3143187
Conc: 20.30 ug/ml

Instrument :
FID_E
ClientSampleId :



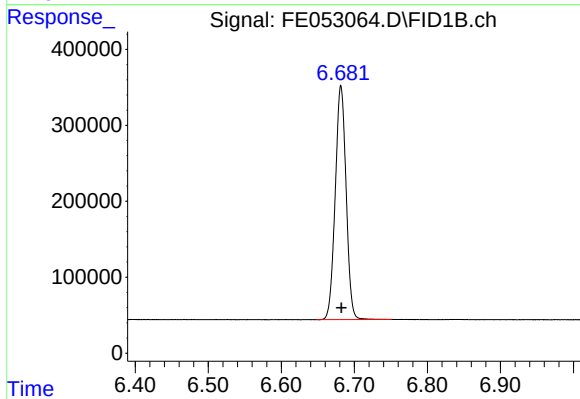
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 3184744
Conc: 20.30 ug/ml



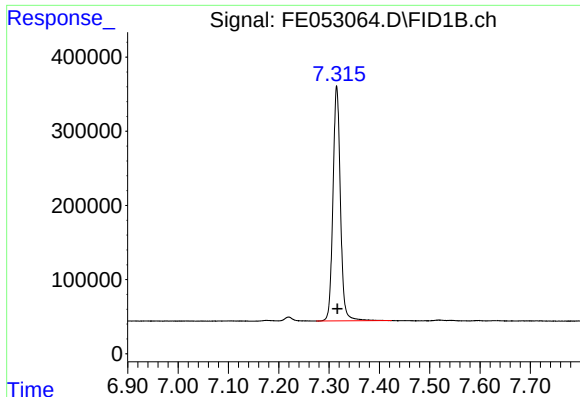
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 3427535
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

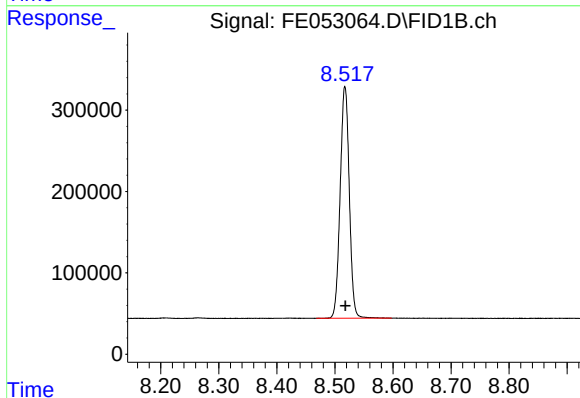
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 3181433
Conc: 20.34 ug/ml



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

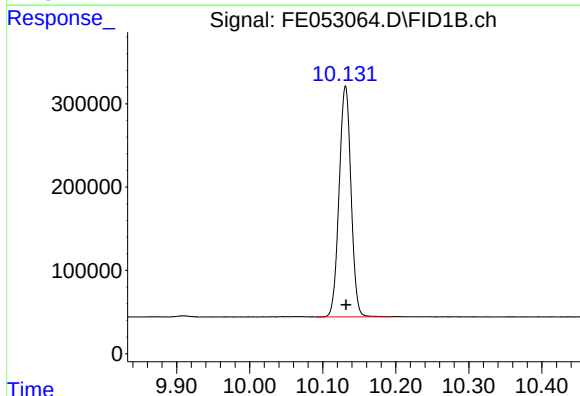
R.T.: 7.315 min
Delta R.T.: 0.000 min
Response: 3262784
Conc: 20.45 ug/ml

Instrument :
FID_E
ClientSampleId :



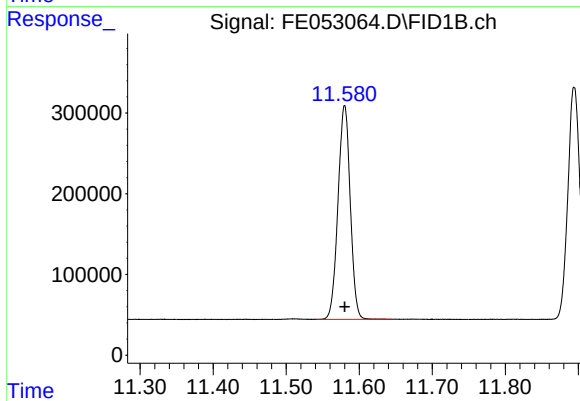
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 3112647
Conc: 20.33 ug/ml



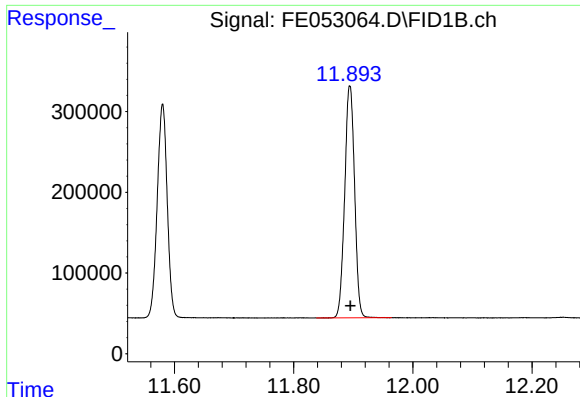
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: 0.000 min
Response: 3134719
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

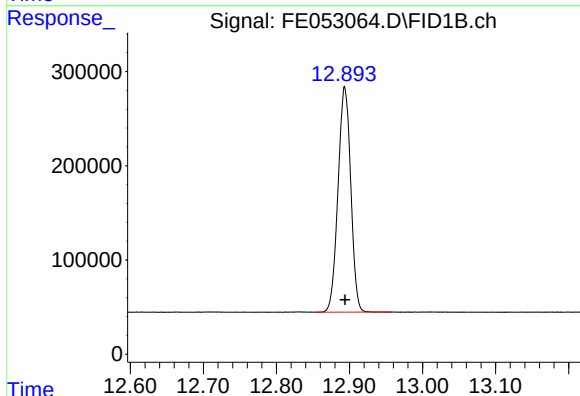
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 3085801
Conc: 20.35 ug/ml



#9 ortho-Terphenyl (SURR)

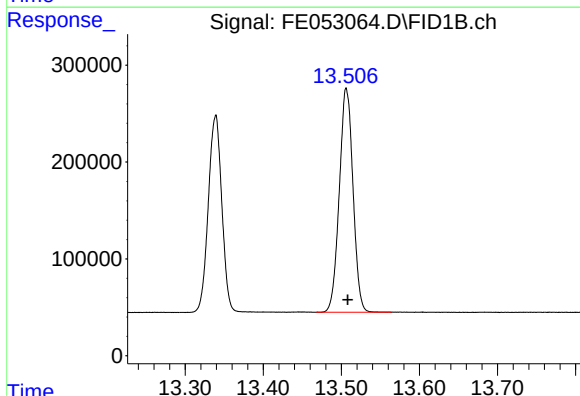
R.T.: 11.894 min
Delta R.T.: 0.000 min
Response: 3311511
Conc: 20.33 ug/ml

Instrument :
FID_E
ClientSampleId :



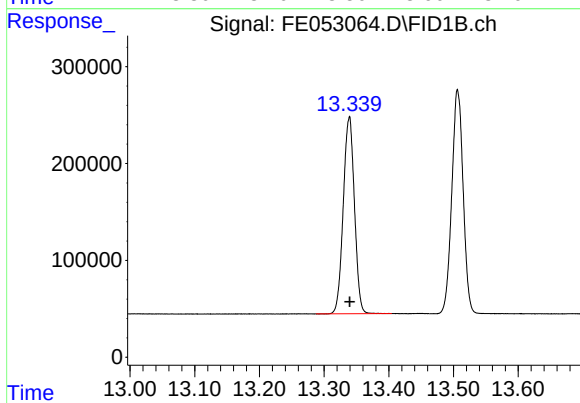
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 2895337
Conc: 20.31 ug/ml



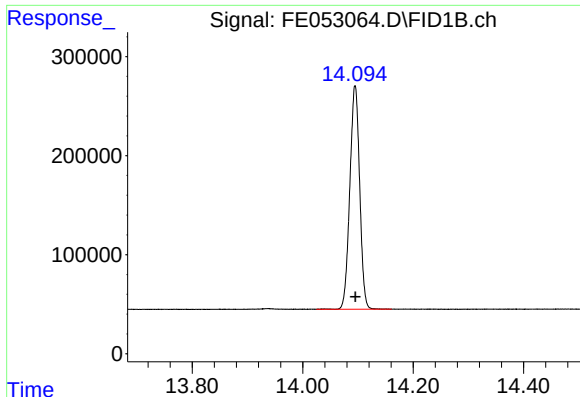
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.001 min
Response: 2818984
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

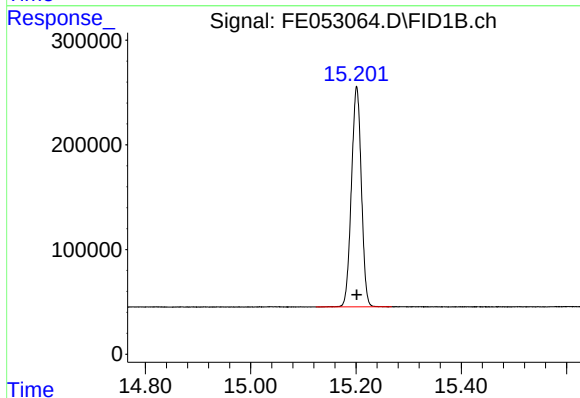
R.T.: 13.339 min
Delta R.T.: 0.000 min
Response: 2441871
Conc: 20.34 ug/ml



#13 n-Docosane (C22)

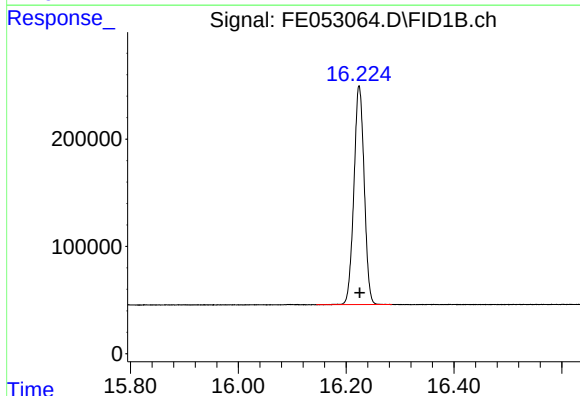
R.T.: 14.095 min
Delta R.T.: 0.000 min
Response: 2785923
Conc: 20.34 ug/ml

Instrument :
FID_E
ClientSampleId :



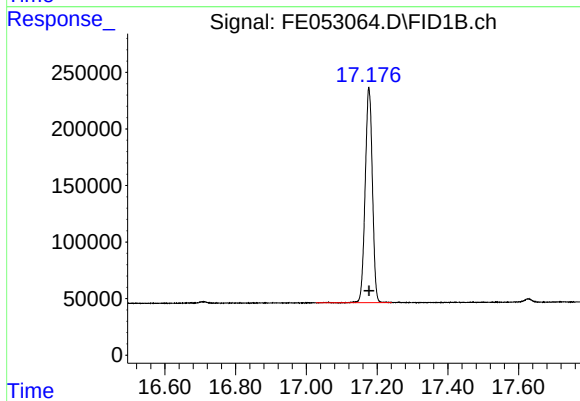
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 2749783
Conc: 20.36 ug/ml



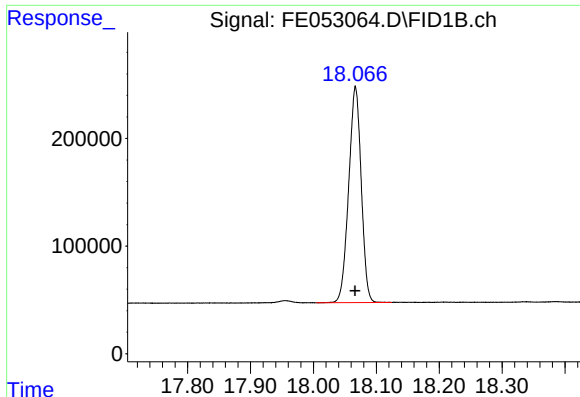
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.001 min
Response: 2703323
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

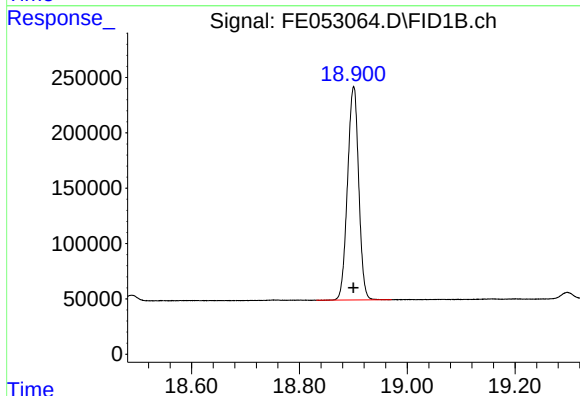
R.T.: 17.177 min
Delta R.T.: 0.000 min
Response: 2685536
Conc: 20.35 ug/ml



#17 n-Tricontane (C30)

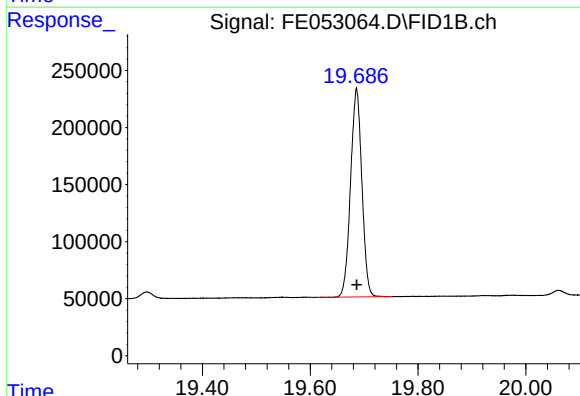
R.T.: 18.067 min
Delta R.T.: 0.000 min
Response: 2774460
Conc: 20.47 ug/ml

Instrument :
FID_E
ClientSampleId :



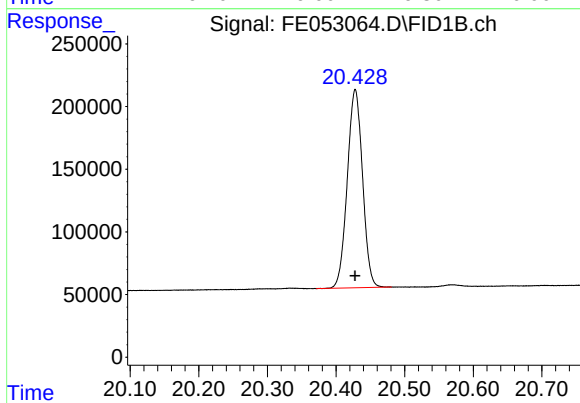
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.000 min
Response: 2773474
Conc: 20.61 ug/ml



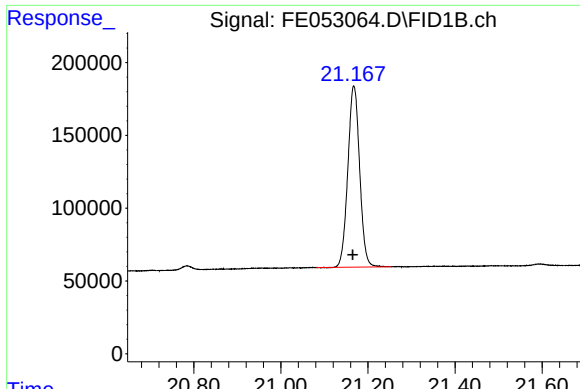
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: 0.000 min
Response: 2659695
Conc: 20.55 ug/ml



#20 n-Hexatriacontane (C36)

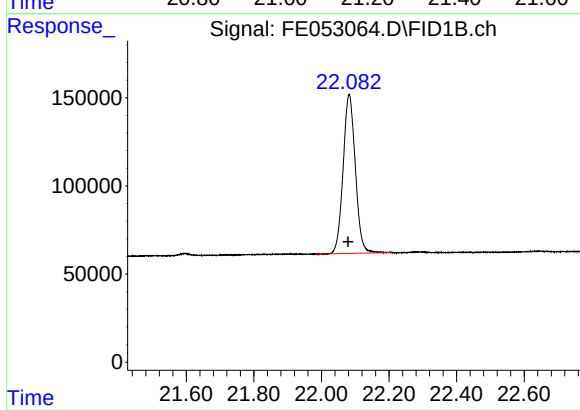
R.T.: 20.428 min
Delta R.T.: 0.000 min
Response: 2440585
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: 0.003 min
Response: 2339912
Conc: 20.36 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: 0.004 min
Response: 2262880
Conc: 20.15 ug/ml