

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022825AL\
 Data File : FE052552.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2025 05:58
 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: Feb 28 22:04:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.919	3326175	17.794 ug/ml
Spiked Amount 50.000		Recovery =	35.59%
12) S 1-chlorooctadecane (S...	13.364	2493965	17.943 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
Target Compounds			
1) T n-Nonane (C9)	3.254	3172611	20.668 ug/ml
2) T n-Decane (C10)	4.516	3229606	20.678 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3494670	20.227 ug/ml
4) T n-Dodecane (C12)	6.699	3180075	20.147 ug/ml
5) T A~2-methylnaphthalene...	7.334	3331580	19.837 ug/ml
6) T n-Tetradecane (C14)	8.537	3063248	19.448 ug/ml
7) T n-Hexadecane (C16)	10.153	3092561	18.922 ug/ml
8) T n-Octadecane (C18)	11.603	3066194	18.531 ug/ml
10) T n-Eicosane (C20)	12.917	2913797	18.277 ug/ml
11) T n-Heneicosane (C21)	13.532	2859845	18.254 ug/ml
13) T n-Docosane (C22)	14.121	2848024	18.199 ug/ml
14) T n-Tetracosane (C24)	15.228	2838308	18.047 ug/ml
15) T n-Hexacosane (C26)	16.252	2805883	18.115 ug/ml
16) T n-Octacosane (C28)	17.205	2794646	18.270 ug/ml
17) T n-Tricontane (C30)	18.096	2876599	18.428 ug/ml
18) T n-Dotriacontane (C32)	18.930	2826096	18.469 ug/ml
19) T n-Tetratriacontane (C34)	19.716	2555646	17.964 ug/ml
20) T n-Hexatriacontane (C36)	20.458	2313700	18.563 ug/ml
21) T n-Octatriacontane (C38)	21.201	2290867	20.959 ug/ml
22) T n-Tetracontane (C40)	22.126	2319059	23.055 ug/ml

(f)=RT Delta > 1/2 Window

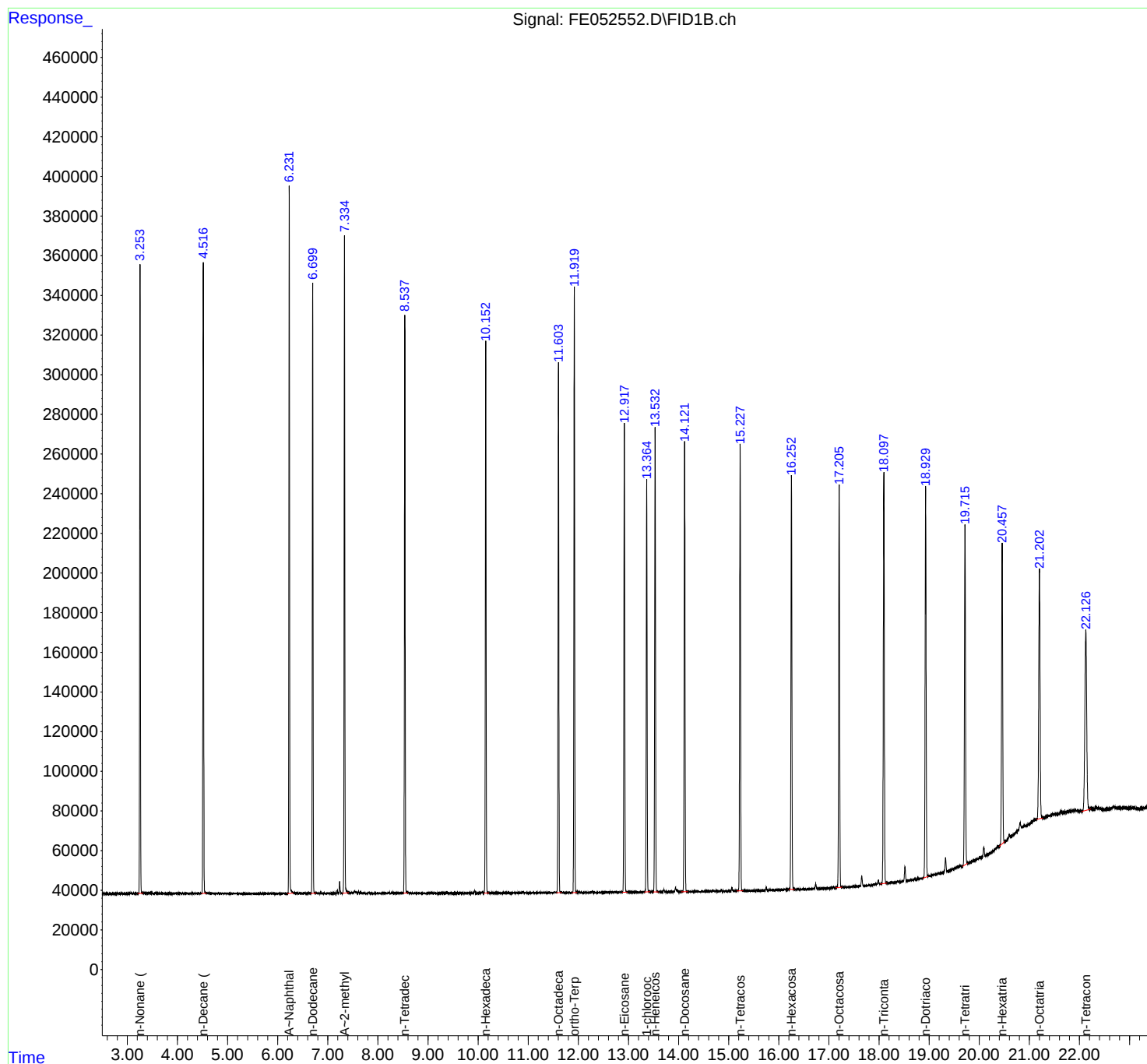
(m)=manual int.

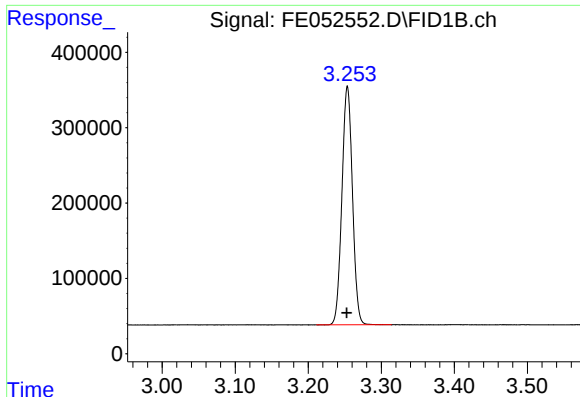
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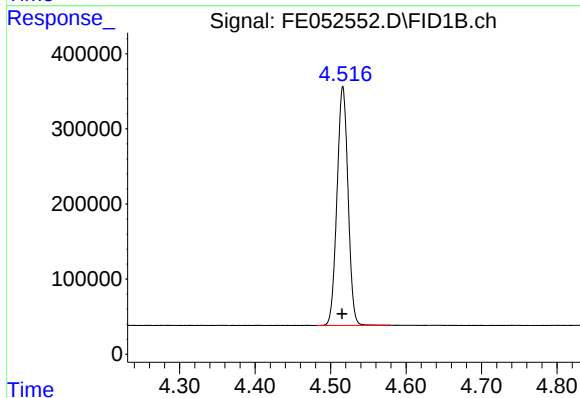




#1 n-Nonane (C9)

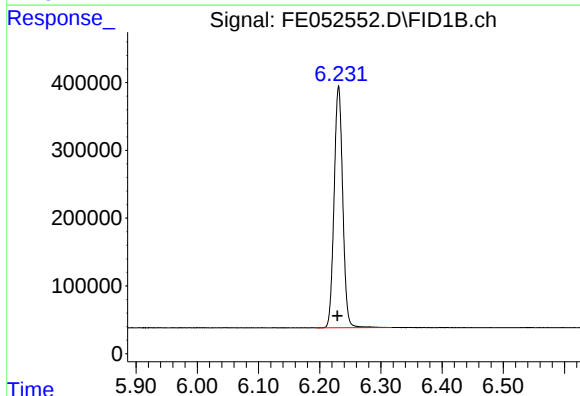
R.T.: 3.254 min
Delta R.T.: 0.000 min
Response: 3172611
Conc: 20.67 ug/ml

Instrument :
FID_E
ClientSampleId :



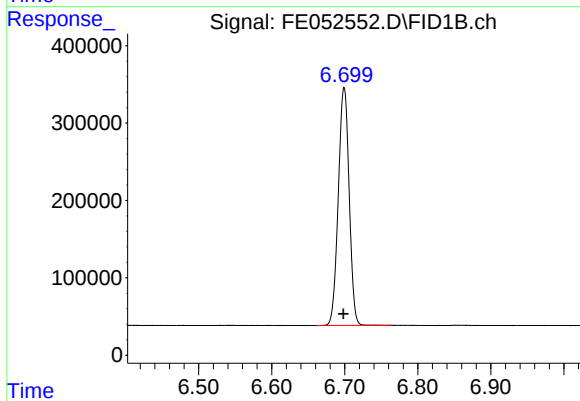
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 3229606
Conc: 20.68 ug/ml



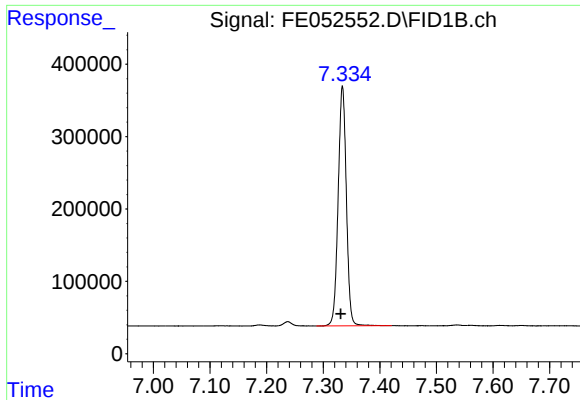
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.002 min
Response: 3494670
Conc: 20.23 ug/ml



#4 n-Dodecane (C12)

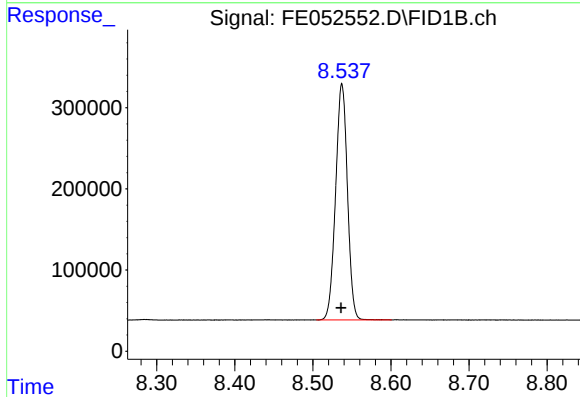
R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 3180075
Conc: 20.15 ug/ml



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

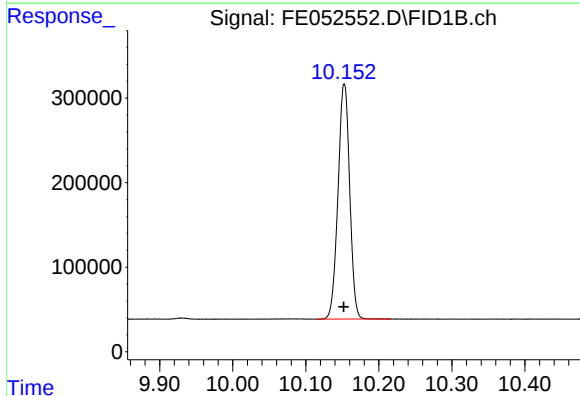
R.T.: 7.334 min
Delta R.T.: 0.003 min
Response: 3331580
Conc: 19.84 ug/ml

Instrument :
FID_E
ClientSampleId :



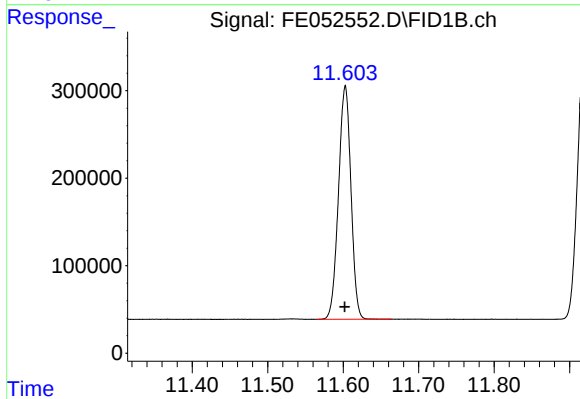
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: 0.001 min
Response: 3063248
Conc: 19.45 ug/ml



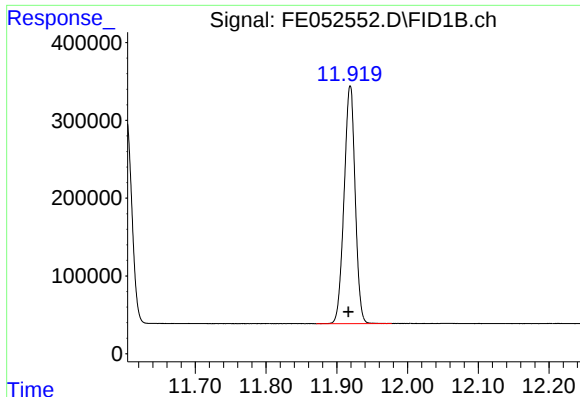
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: 0.000 min
Response: 3092561
Conc: 18.92 ug/ml



#8 n-Octadecane (C18)

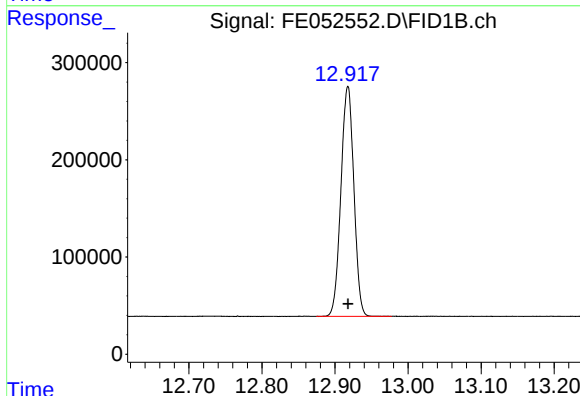
R.T.: 11.603 min
Delta R.T.: 0.000 min
Response: 3066194
Conc: 18.53 ug/ml



#9 ortho-Terphenyl (SURR)

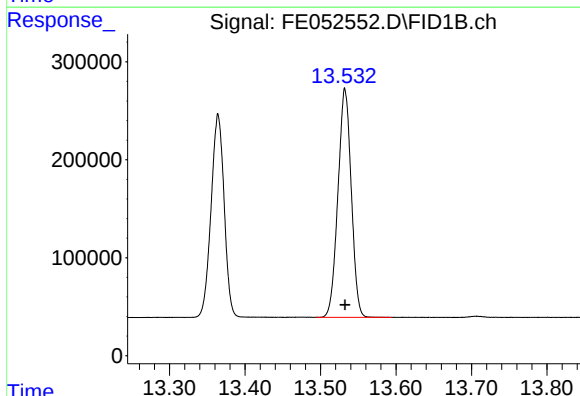
R.T.: 11.919 min
Delta R.T.: 0.002 min
Response: 3326175
Conc: 17.79 ug/ml

Instrument :
FID_E
ClientSampleId :



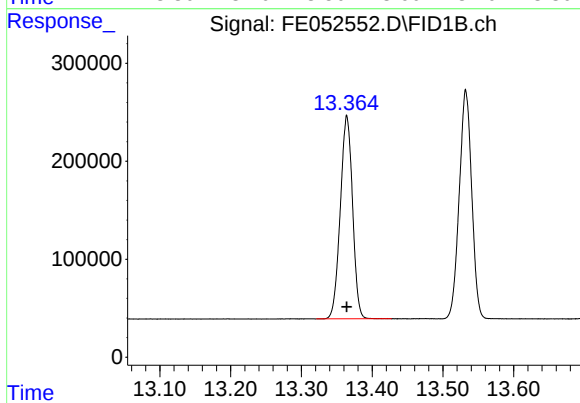
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.000 min
Response: 2913797
Conc: 18.28 ug/ml



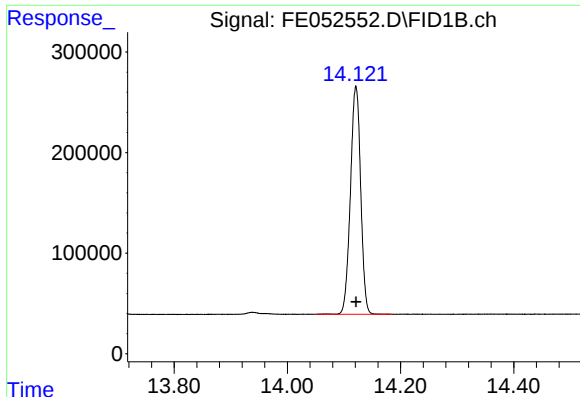
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 2859845
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

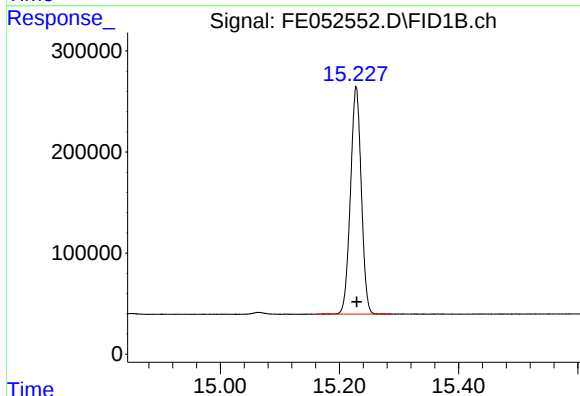
R.T.: 13.364 min
Delta R.T.: 0.000 min
Response: 2493965
Conc: 17.94 ug/ml



#13 n-Docosane (C22)

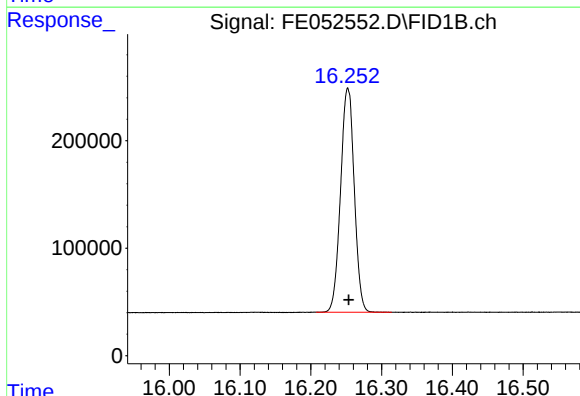
R.T.: 14.121 min
Delta R.T.: 0.000 min
Response: 2848024
Conc: 18.20 ug/ml

Instrument :
FID_E
ClientSampleId :



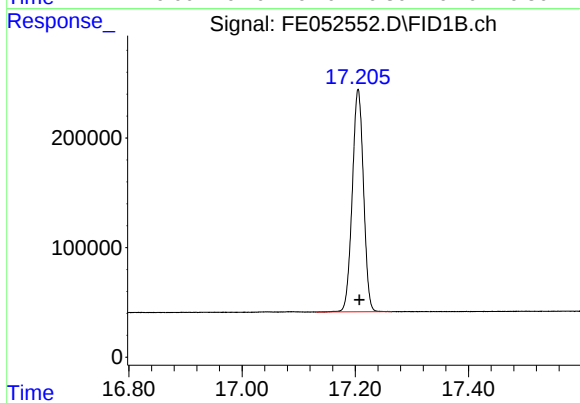
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.001 min
Response: 2838308
Conc: 18.05 ug/ml



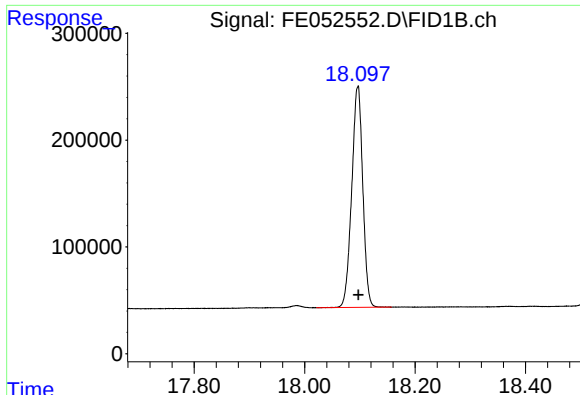
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.001 min
Response: 2805883
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

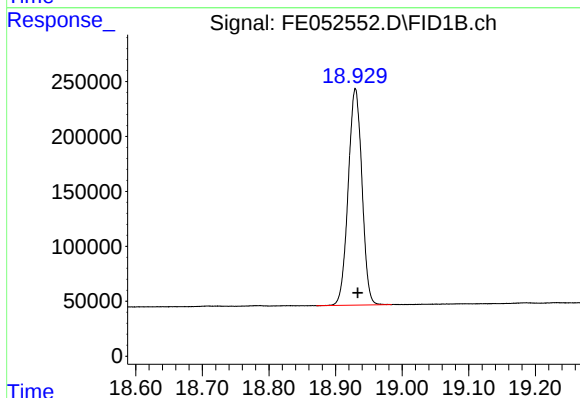
R.T.: 17.205 min
Delta R.T.: -0.002 min
Response: 2794646
Conc: 18.27 ug/ml



#17 n-Tricontane (C30)

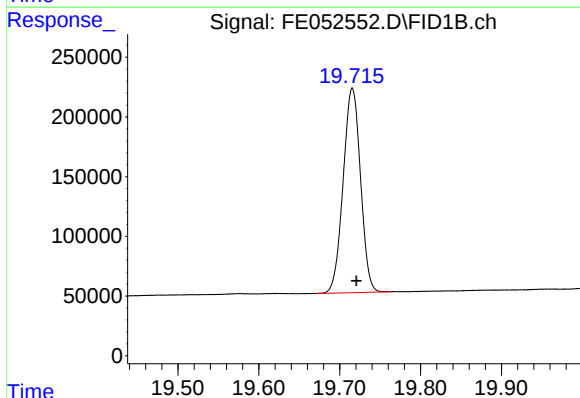
R.T.: 18.096 min
Delta R.T.: -0.001 min
Response: 2876599
Conc: 18.43 ug/ml

Instrument :
FID_E
ClientSampleId :



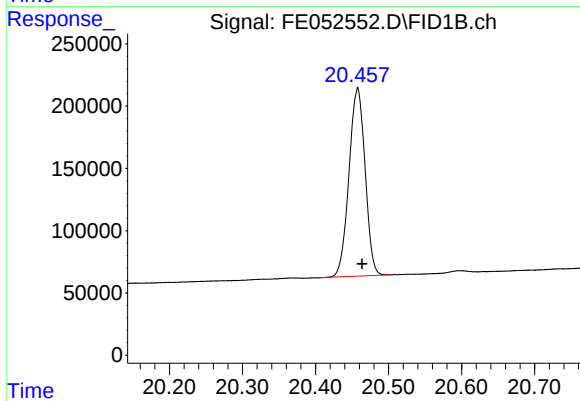
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.003 min
Response: 2826096
Conc: 18.47 ug/ml



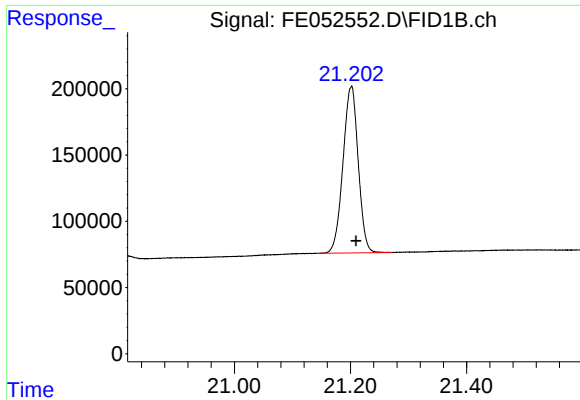
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.005 min
Response: 2555646
Conc: 17.96 ug/ml



#20 n-Hexatriacontane (C36)

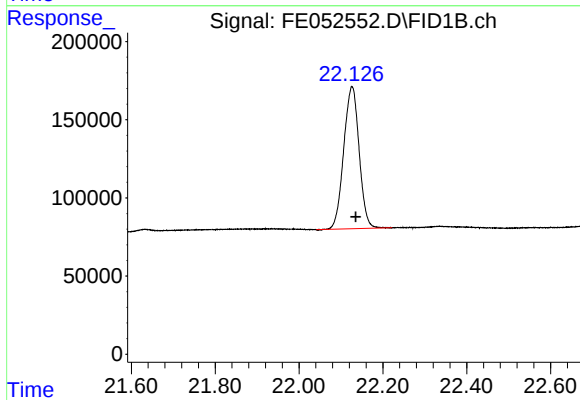
R.T.: 20.458 min
Delta R.T.: -0.006 min
Response: 2313700
Conc: 18.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.008 min
Response: 2290867
Conc: 20.96 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: -0.009 min
Response: 2319059
Conc: 23.05 ug/ml