

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
 Data File : FE054977.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2025 08:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 24 04:28:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.087	3286441	20.237 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
12) S 1-chlorooctadecane (S...	13.522	2488047	19.700 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
Target Compounds			
1) T n-Nonane (C9)	3.425	2645800	19.670 ug/ml
2) T n-Decane (C10)	4.683	2762473	20.245 ug/ml
3) T A~Naphthalene (C11.7)	6.402	3162739	20.888 ug/ml
4) T n-Dodecane (C12)	6.858	2830575	20.630 ug/ml
5) T A~2-methylnaphthalene...	7.503	3083967	20.979 ug/ml
6) T n-Tetradecane (C14)	8.695	2892830	20.868 ug/ml
7) T n-Hexadecane (C16)	10.310	2991876	20.994 ug/ml
8) T n-Octadecane (C18)	11.759	3026360	20.650 ug/ml
10) T n-Eicosane (C20)	13.074	2890431	20.101 ug/ml
11) T n-Heneicosane (C21)	13.688	2827068	19.793 ug/ml
13) T n-Docosane (C22)	14.276	2803364	19.633 ug/ml
14) T n-Tetracosane (C24)	15.383	2795109	19.228 ug/ml
15) T n-Hexacosane (C26)	16.406	2757426	19.054 ug/ml
16) T n-Octacosane (C28)	17.359	2745926	18.841 ug/ml
17) T n-Tricontane (C30)	18.249	2903112	18.423 ug/ml
18) T n-Dotriacontane (C32)	19.083	2939403	18.168 ug/ml
19) T n-Tetratriacontane (C34)	19.868	2781568	18.253 ug/ml
20) T n-Hexatriacontane (C36)	20.608	2540666	18.896 ug/ml
21) T n-Octatriacontane (C38)	21.388	2472939	21.085 ug/ml
22) T n-Tetracontane (C40)	22.381	2366468	21.834 ug/ml

(f)=RT Delta > 1/2 Window

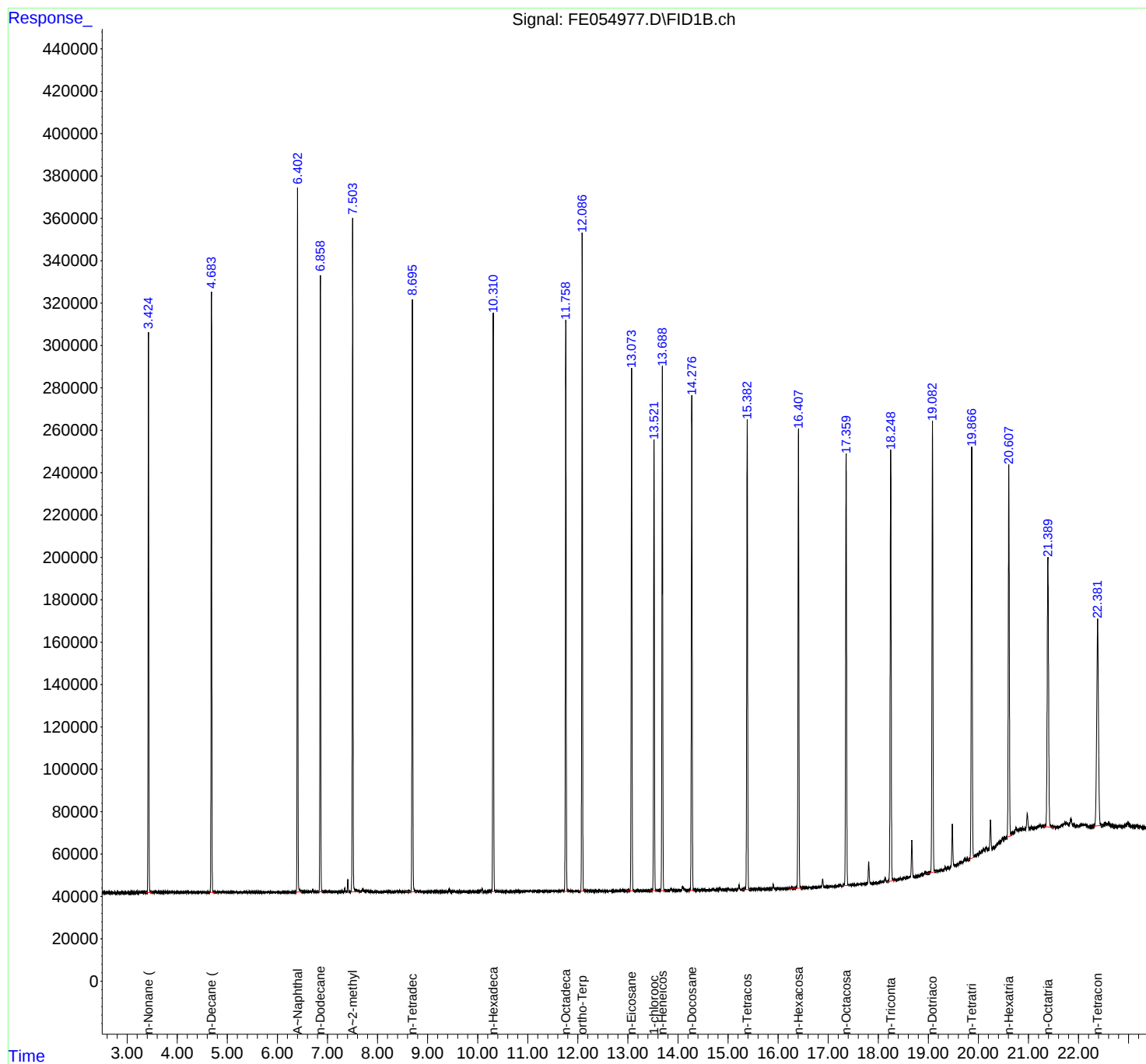
(m)=manual int.

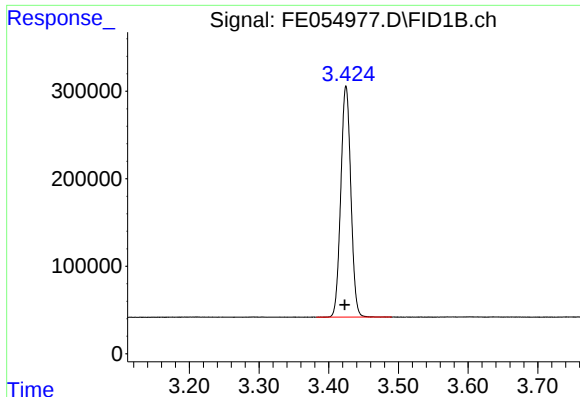
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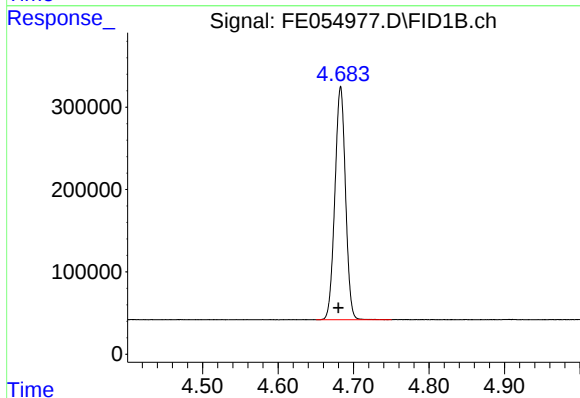




#1 n-Nonane (C9)

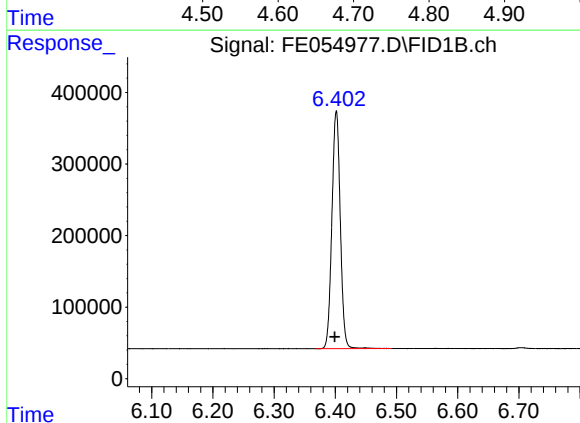
R.T.: 3.425 min
Delta R.T.: 0.002 min
Response: 2645800
Conc: 19.67 ug/ml

Instrument :
FID_E
ClientSampleId :



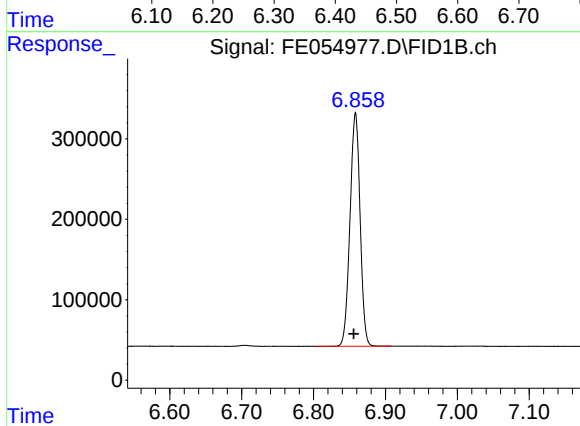
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.003 min
Response: 2762473
Conc: 20.25 ug/ml



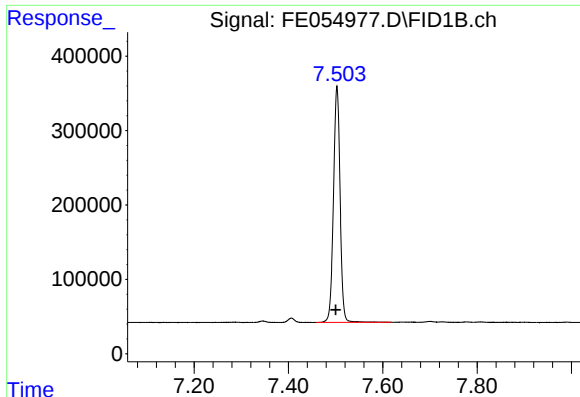
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 3162739
Conc: 20.89 ug/ml



#4 n-Dodecane (C12)

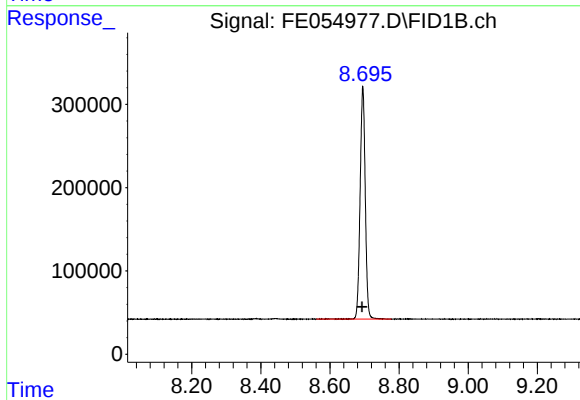
R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 2830575
Conc: 20.63 ug/ml



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

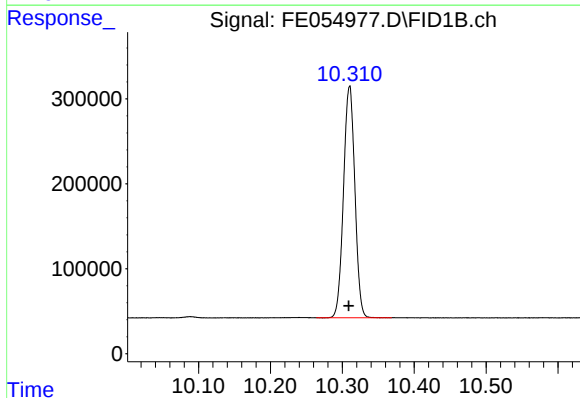
R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 3083967
Conc: 20.98 ug/ml

Instrument :
FID_E
ClientSampleId :



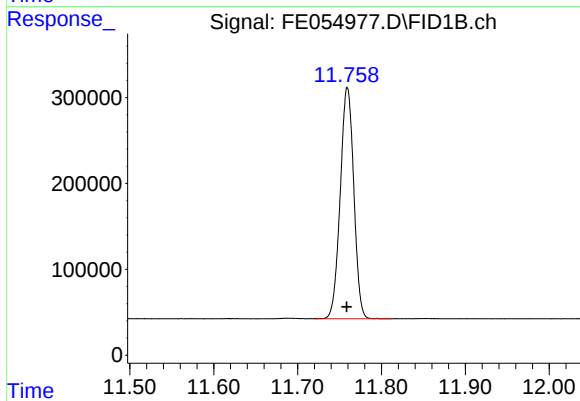
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: 0.002 min
Response: 2892830
Conc: 20.87 ug/ml



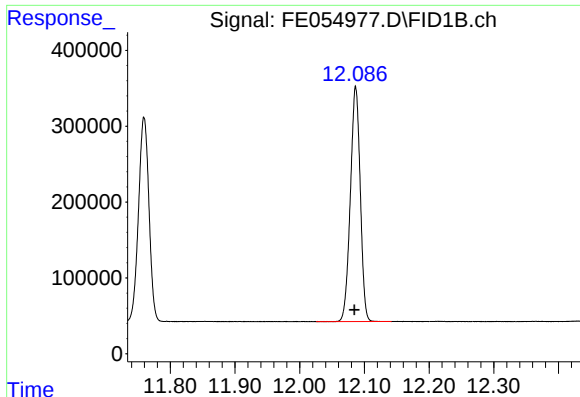
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.001 min
Response: 2991876
Conc: 20.99 ug/ml



#8 n-Octadecane (C18)

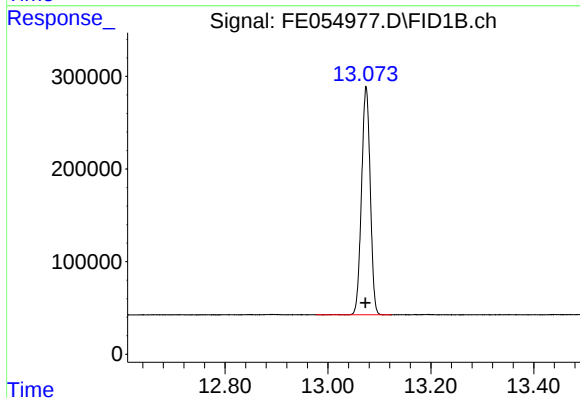
R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 3026360
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

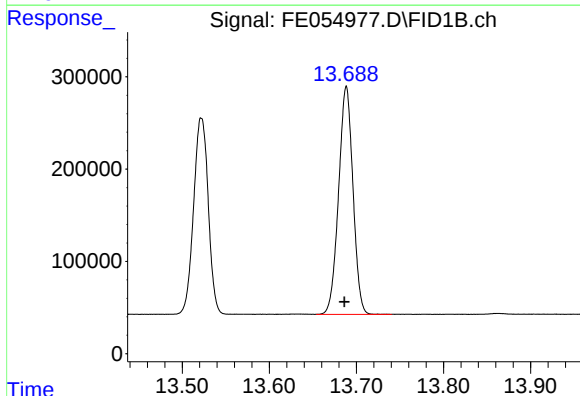
R.T.: 12.087 min
Delta R.T.: 0.002 min
Response: 3286441
Conc: 20.24 ug/ml

Instrument :
FID_E
ClientSampleId :



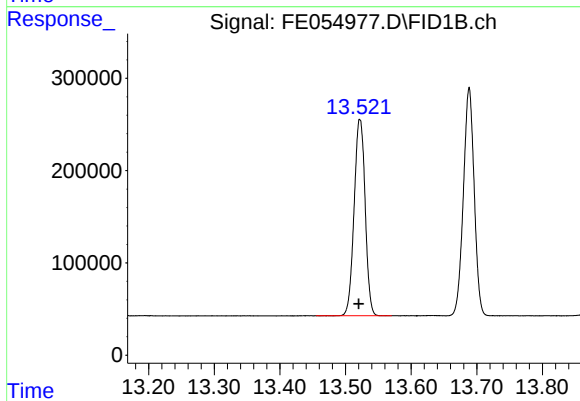
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: 0.001 min
Response: 2890431
Conc: 20.10 ug/ml



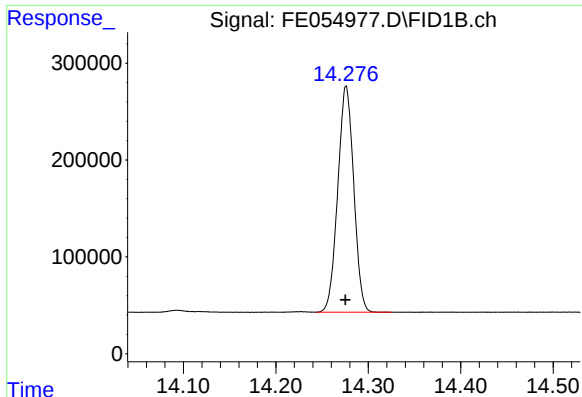
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.002 min
Response: 2827068
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

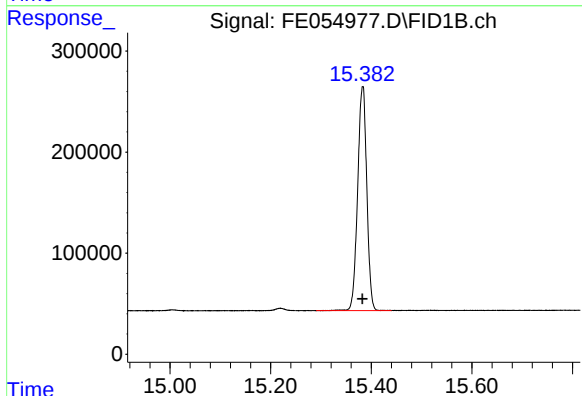
R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 2488047
Conc: 19.70 ug/ml



#13 n-Docosane (C22)

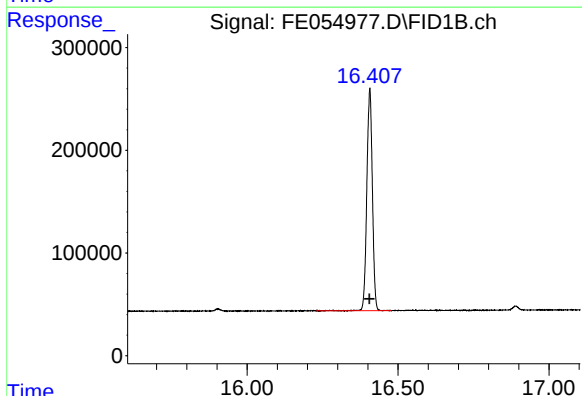
R.T.: 14.276 min
Delta R.T.: 0.000 min
Response: 2803364
Conc: 19.63 ug/ml

Instrument :
FID_E
ClientSampleId :



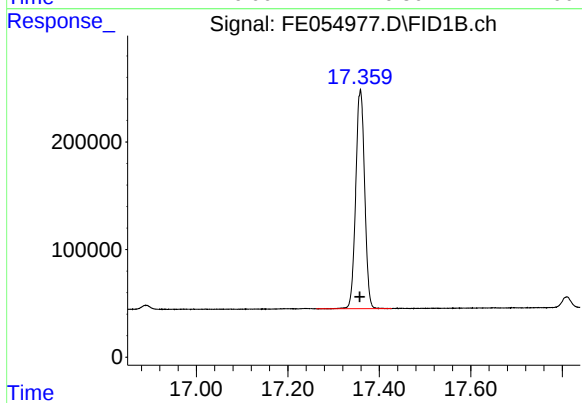
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.000 min
Response: 2795109
Conc: 19.23 ug/ml



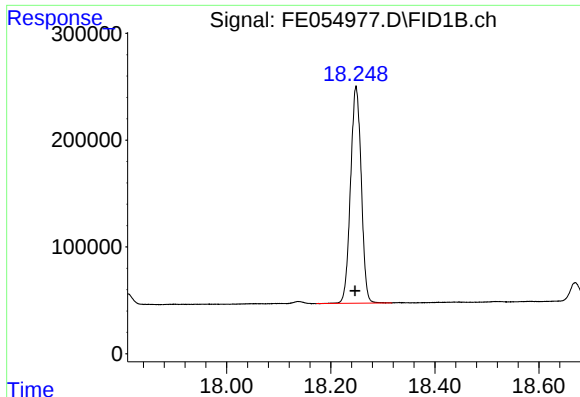
#15 n-Hexacosane (C26)

R.T.: 16.406 min
Delta R.T.: 0.001 min
Response: 2757426
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

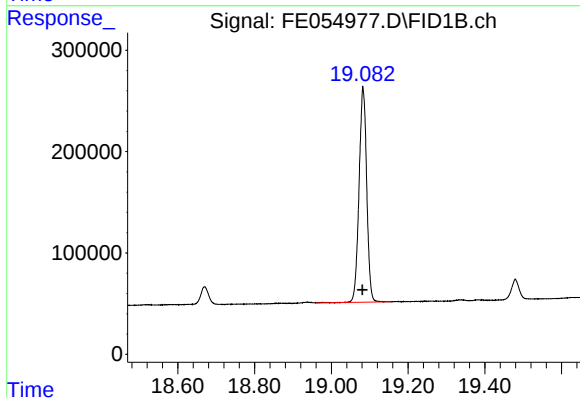
R.T.: 17.359 min
Delta R.T.: 0.000 min
Response: 2745926
Conc: 18.84 ug/ml



#17 n-Tricontane (C30)

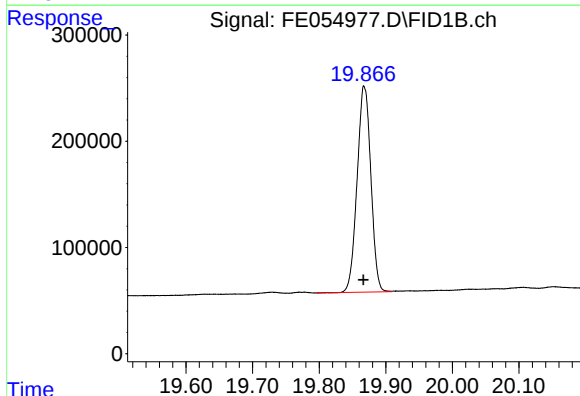
R.T.: 18.249 min
Delta R.T.: 0.002 min
Response: 2903112
Conc: 18.42 ug/ml

Instrument :
FID_E
ClientSampleId :



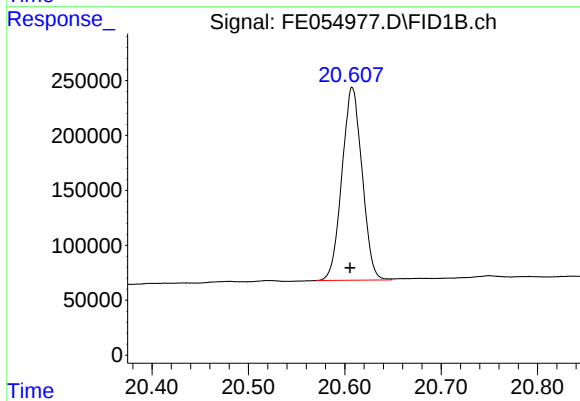
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.002 min
Response: 2939403
Conc: 18.17 ug/ml



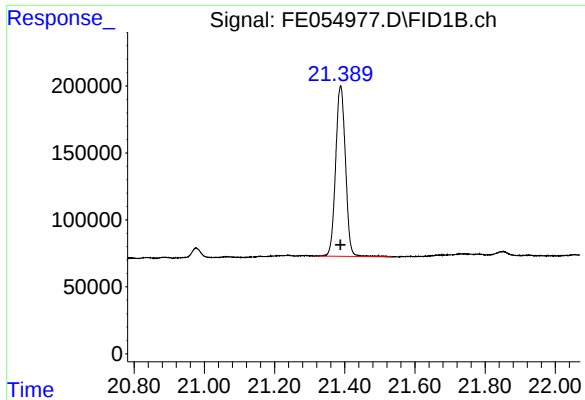
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.002 min
Response: 2781568
Conc: 18.25 ug/ml



#20 n-Hexatriacontane (C36)

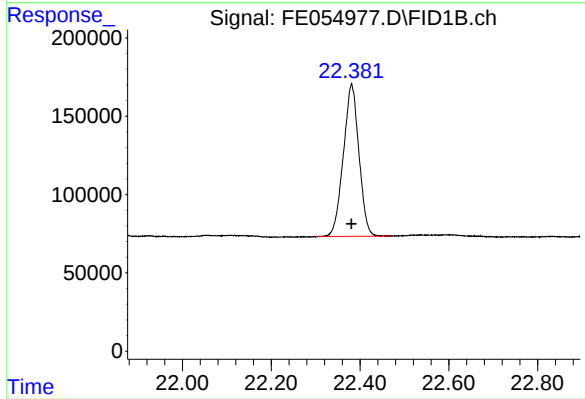
R.T.: 20.608 min
Delta R.T.: 0.002 min
Response: 2540666
Conc: 18.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.388 min
Delta R.T.: 0.000 min
Response: 2472939
Conc: 21.09 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: 0.000 min
Response: 2366468
Conc: 21.83 ug/ml