

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082525AL\
 Data File : FE055490.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2025 19:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 26 01:24:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.085	3054341	21.388 ug/ml
Spiked Amount 50.000		Recovery =	42.78%
12) S 1-chlorooctadecane (S...	13.521	2383605	22.168 ug/ml
Spiked Amount 50.000		Recovery =	44.34%
Target Compounds			
1) T n-Nonane (C9)	3.418	2335781	20.352 ug/ml
2) T n-Decane (C10)	4.677	2388878	20.506 ug/ml
3) T A~Naphthalene (C11.7)	6.399	2753242	20.511 ug/ml
4) T n-Dodecane (C12)	6.854	2435174	20.450 ug/ml
5) T A~2-methylnaphthalene...	7.500	2691550	20.643 ug/ml
6) T n-Tetradecane (C14)	8.691	2471107	20.154 ug/ml
7) T n-Hexadecane (C16)	10.307	2604021	20.369 ug/ml
8) T n-Octadecane (C18)	11.757	2717683	20.829 ug/ml
10) T n-Eicosane (C20)	13.073	2690520	21.443 ug/ml
11) T n-Heneicosane (C21)	13.687	2676960	21.717 ug/ml
13) T n-Docosane (C22)	14.275	2702291	22.128 ug/ml
14) T n-Tetracosane (C24)	15.383	2734990	22.485 ug/ml
15) T n-Hexacosane (C26)	16.407	2662990	22.257 ug/ml
16) T n-Octacosane (C28)	17.360	2731388	23.026 ug/ml
17) T n-Tricontane (C30)	18.250	3130180	25.439 ug/ml
18) T n-Dotriacontane (C32)	19.084	5395180	44.219 ug/ml
19) T n-Tetratriacontane (C34)	19.870	4245126	36.308 ug/ml
20) T n-Hexatriacontane (C36)	20.612	11426852	104.547 ug/ml
21) T n-Octatriacontane (C38)	21.392	9452716	87.468 ug/ml
22) T n-Tetracontane (C40)	22.383	9256965	88.520 ug/ml

(f)=RT Delta > 1/2 Window

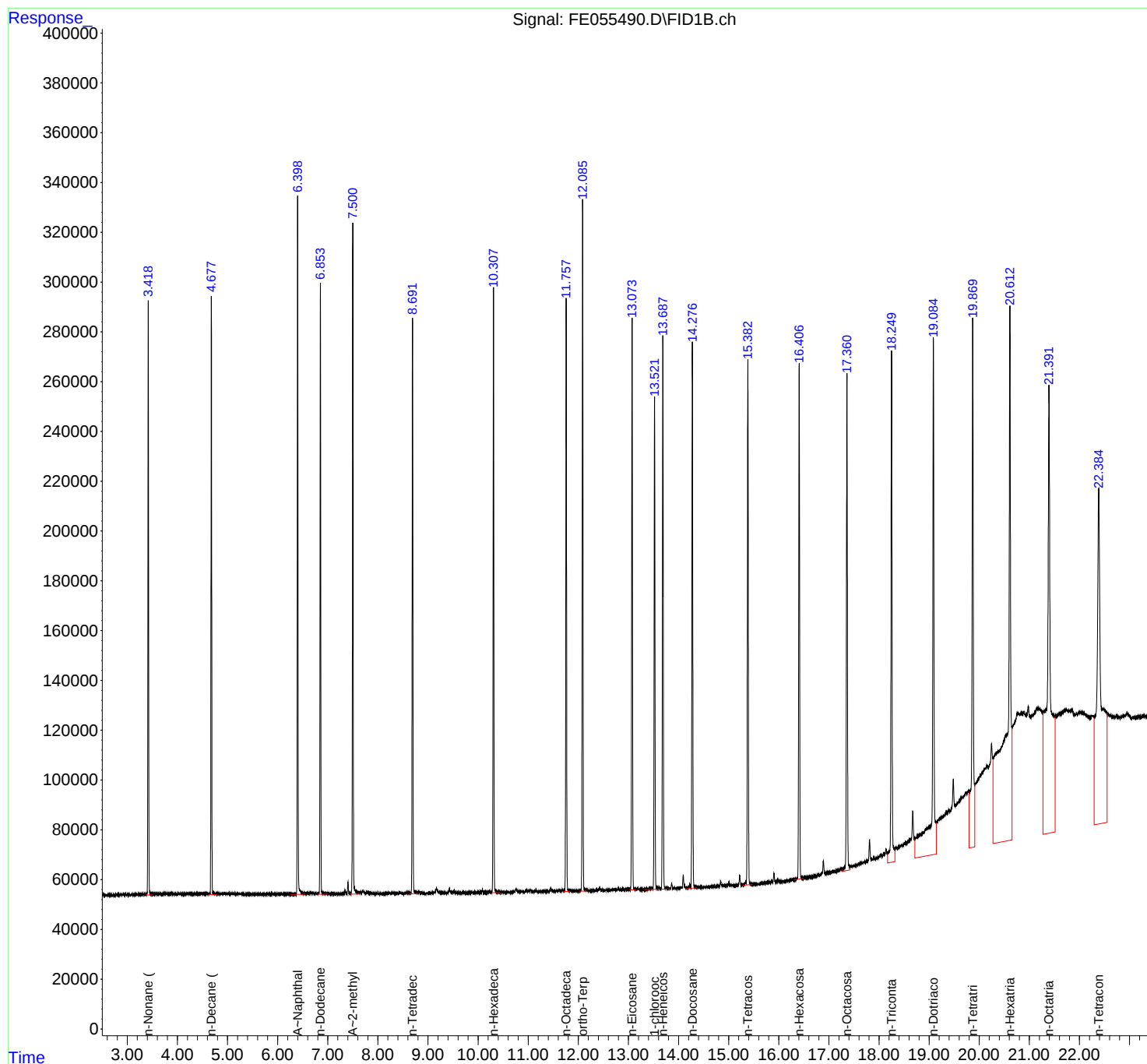
(m)=manual int.

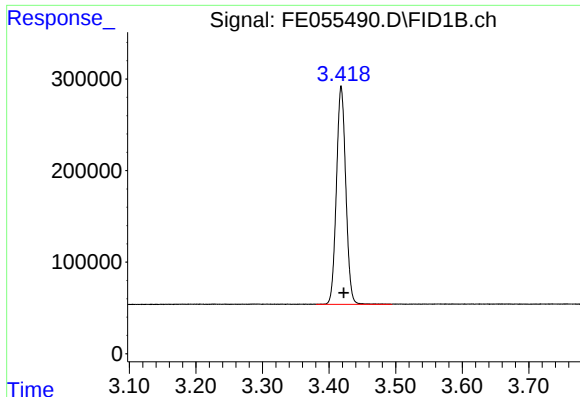
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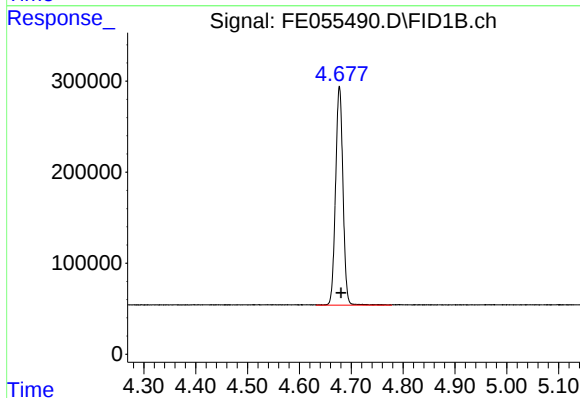




#1 n-Nonane (C9)

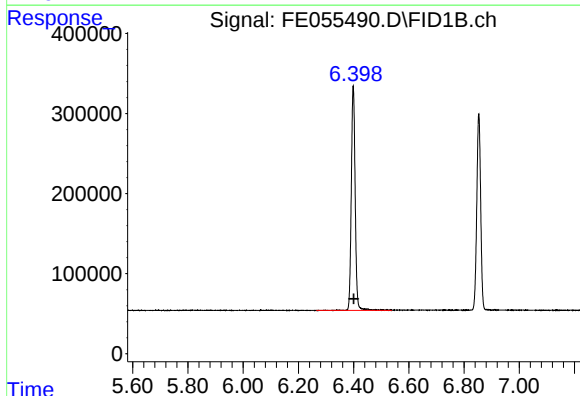
R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 2335781
Conc: 20.35 ug/ml

Instrument :
FID_E
ClientSampleId :



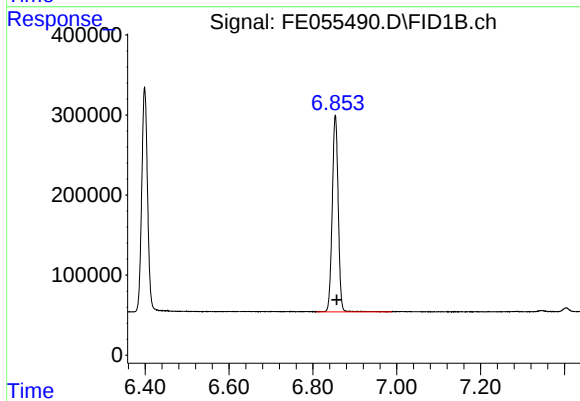
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 2388878
Conc: 20.51 ug/ml



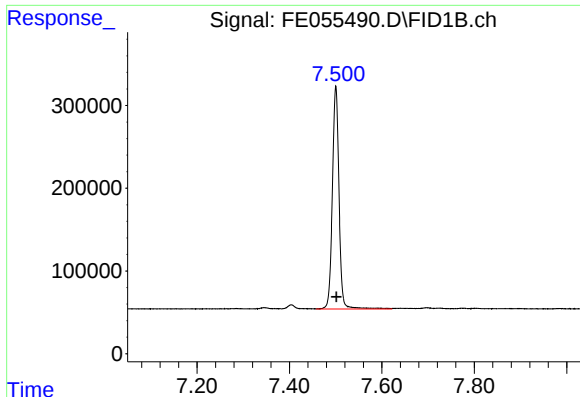
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 2753242
Conc: 20.51 ug/ml



#4 n-Dodecane (C12)

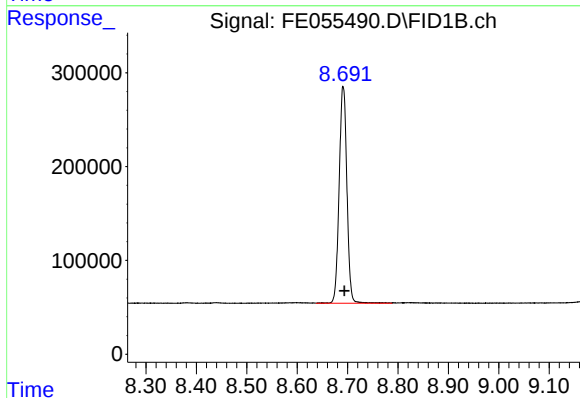
R.T.: 6.854 min
Delta R.T.: -0.003 min
Response: 2435174
Conc: 20.45 ug/ml



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

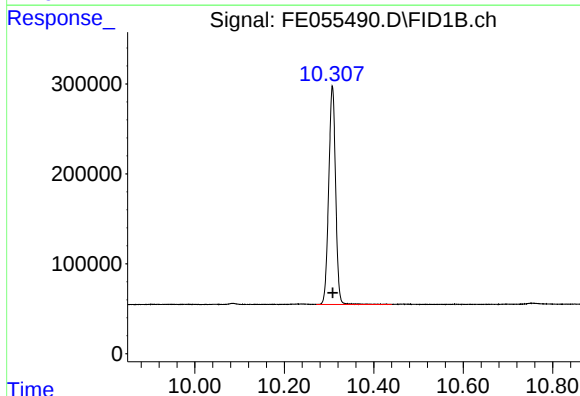
R.T.: 7.500 min
Delta R.T.: -0.001 min
Response: 2691550
Conc: 20.64 ug/ml

Instrument :
FID_E
ClientSampleId :



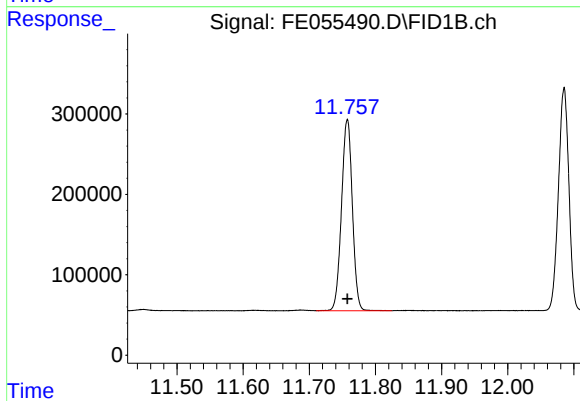
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 2471107
Conc: 20.15 ug/ml



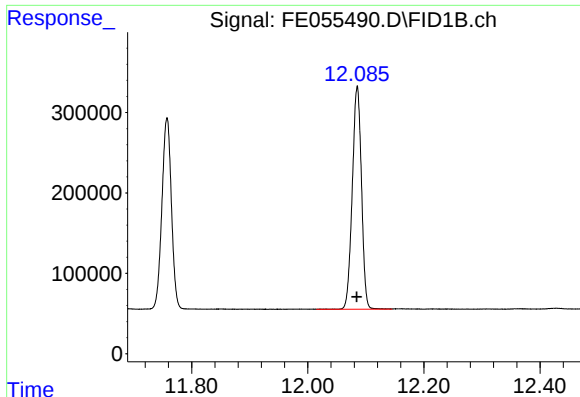
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: -0.001 min
Response: 2604021
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

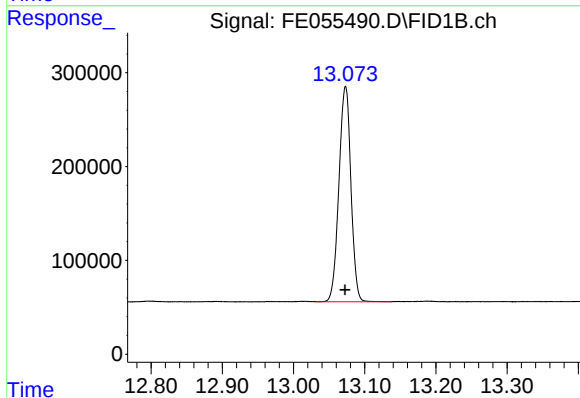
R.T.: 11.757 min
Delta R.T.: 0.000 min
Response: 2717683
Conc: 20.83 ug/ml



#9 ortho-Terphenyl (SURR)

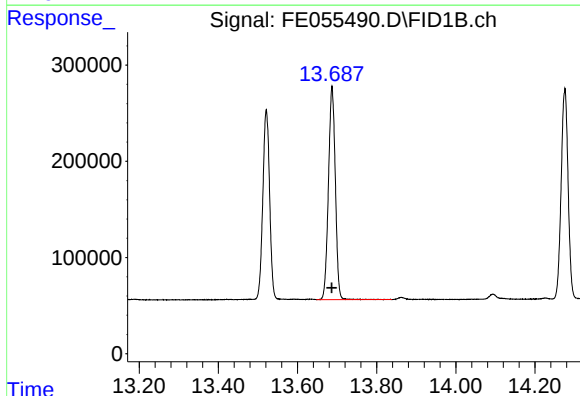
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 3054341
Conc: 21.39 ug/ml

Instrument :
FID_E
ClientSampleId :



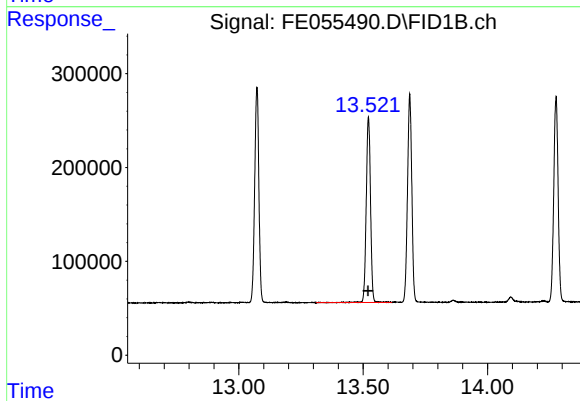
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 2690520
Conc: 21.44 ug/ml



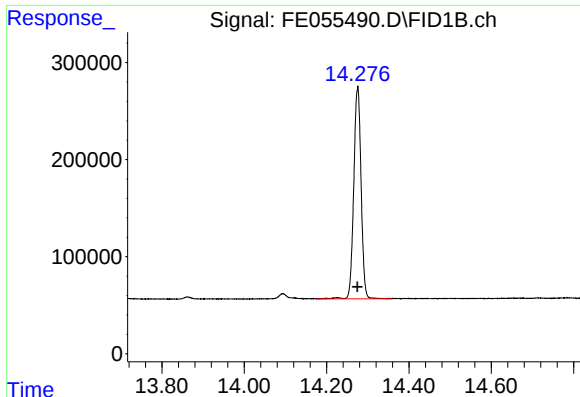
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 2676960
Conc: 21.72 ug/ml



#12 1-chlorooctadecane (SURR)

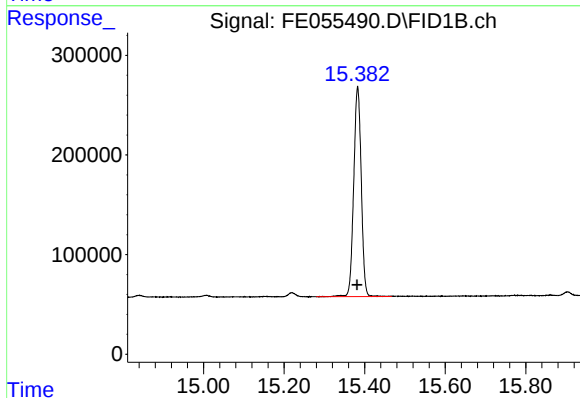
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2383605
Conc: 22.17 ug/ml



#13 n-Docosane (C22)

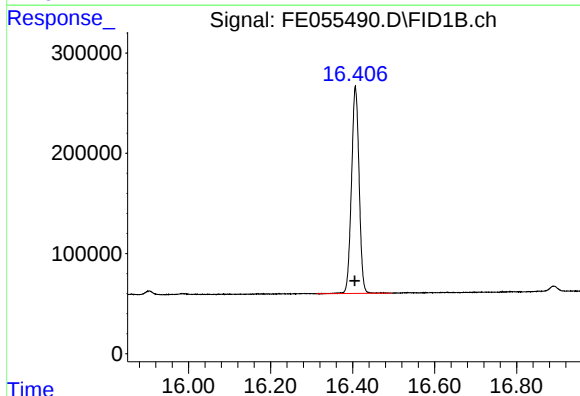
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 2702291
Conc: 22.13 ug/ml

Instrument :
FID_E
ClientSampleId :



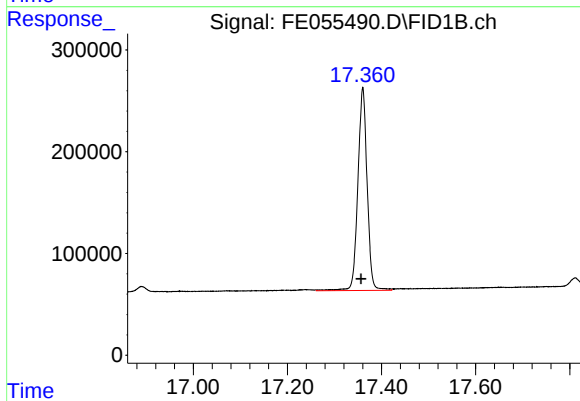
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.000 min
Response: 2734990
Conc: 22.49 ug/ml



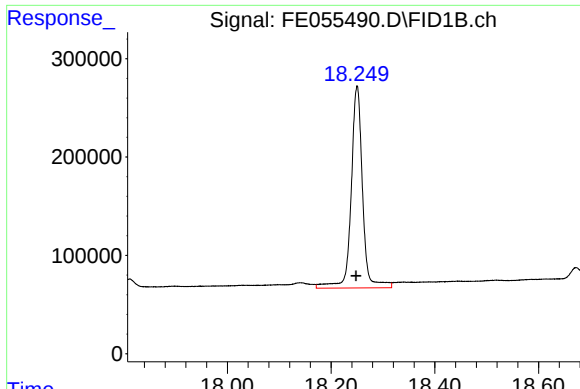
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 2662990
Conc: 22.26 ug/ml



#16 n-Octacosane (C28)

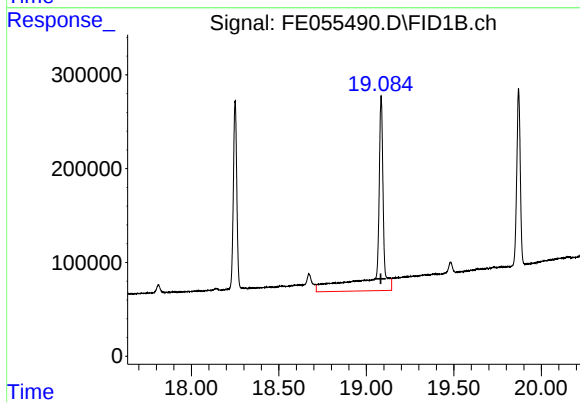
R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 2731388
Conc: 23.03 ug/ml



#17 n-Tricontane (C30)

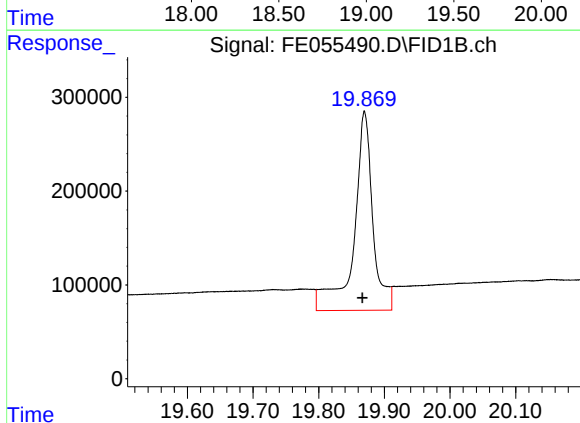
R.T.: 18.250 min
Delta R.T.: 0.002 min
Response: 3130180
Conc: 25.44 ug/ml

Instrument :
FID_E
ClientSampleId :



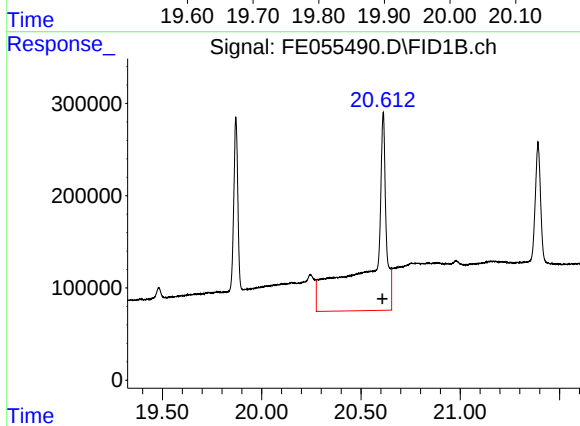
#18 n-Dotriacontane (C32)

R.T.: 19.084 min
Delta R.T.: 0.003 min
Response: 5395180
Conc: 44.22 ug/ml



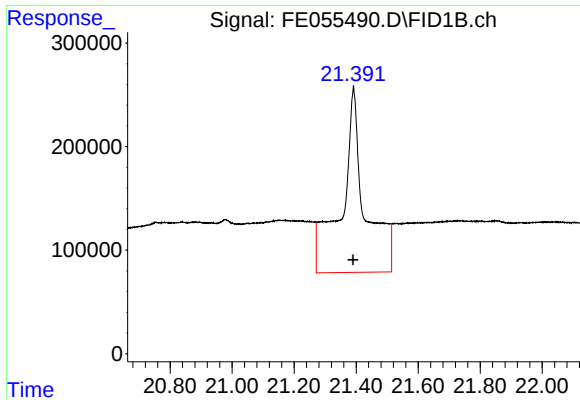
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.003 min
Response: 4245126
Conc: 36.31 ug/ml



#20 n-Hexatriacontane (C36)

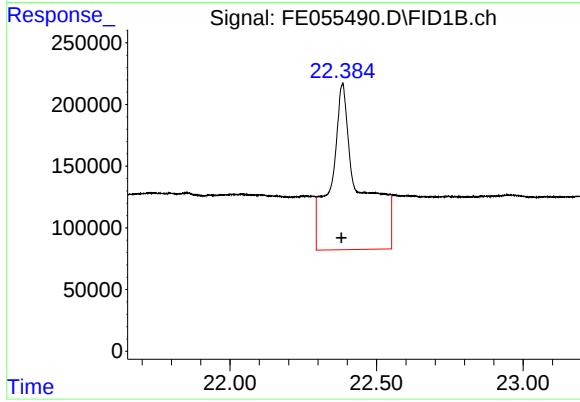
R.T.: 20.612 min
Delta R.T.: 0.003 min
Response: 11426852
Conc: 104.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.002 min
Response: 9452716
Conc: 87.47 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.383 min
Delta R.T.: 0.002 min
Response: 9256965
Conc: 88.52 ug/ml