

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082025AL\
 Data File : FE055404.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2025 11:32
 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: Aug 21 01:17:03 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)	12.083	2892439	20.255 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
12) S 1-chlorooctadecane (S...	13.521	2210415	20.557 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
Target Compounds			
1) T n-Nonane (C9)	3.420	2198860	19.159 ug/ml
2) T n-Decane (C10)	4.678	2267878	19.467 ug/ml
3) T A~Naphthalene (C11.7)	6.398	2616541	19.493 ug/ml
4) T n-Dodecane (C12)	6.854	2341890	19.666 ug/ml
5) T A~2-methylnaphthalene...	7.500	2553362	19.584 ug/ml
6) T n-Tetradecane (C14)	8.692	2389097	19.485 ug/ml
7) T n-Hexadecane (C16)	10.307	2528516	19.778 ug/ml
8) T n-Octadecane (C18)	11.757	2645211	20.274 ug/ml
10) T n-Eicosane (C20)	13.072	2562022	20.419 ug/ml
11) T n-Heneicosane (C21)	13.686	2516962	20.419 ug/ml
13) T n-Docosane (C22)	14.276	2496752	20.445 ug/ml
14) T n-Tetracosane (C24)	15.382	2473052	20.332 ug/ml
15) T n-Hexacosane (C26)	16.406	2427630	20.290 ug/ml
16) T n-Octacosane (C28)	17.359	2429654	20.482 ug/ml
17) T n-Tricontane (C30)	18.249	2565605	20.850 ug/ml
18) T n-Dotriacontane (C32)	19.084	2597298	21.287 ug/ml
19) T n-Tetratriacontane (C34)	19.869	2512088	21.486 ug/ml
20) T n-Hexatriacontane (C36)	20.611	2331053	21.327 ug/ml
21) T n-Octatriacontane (C38)	21.390	2139823	19.800 ug/ml
22) T n-Tetracontane (C40)	22.383	2083665	19.925 ug/ml

(f)=RT Delta > 1/2 Window

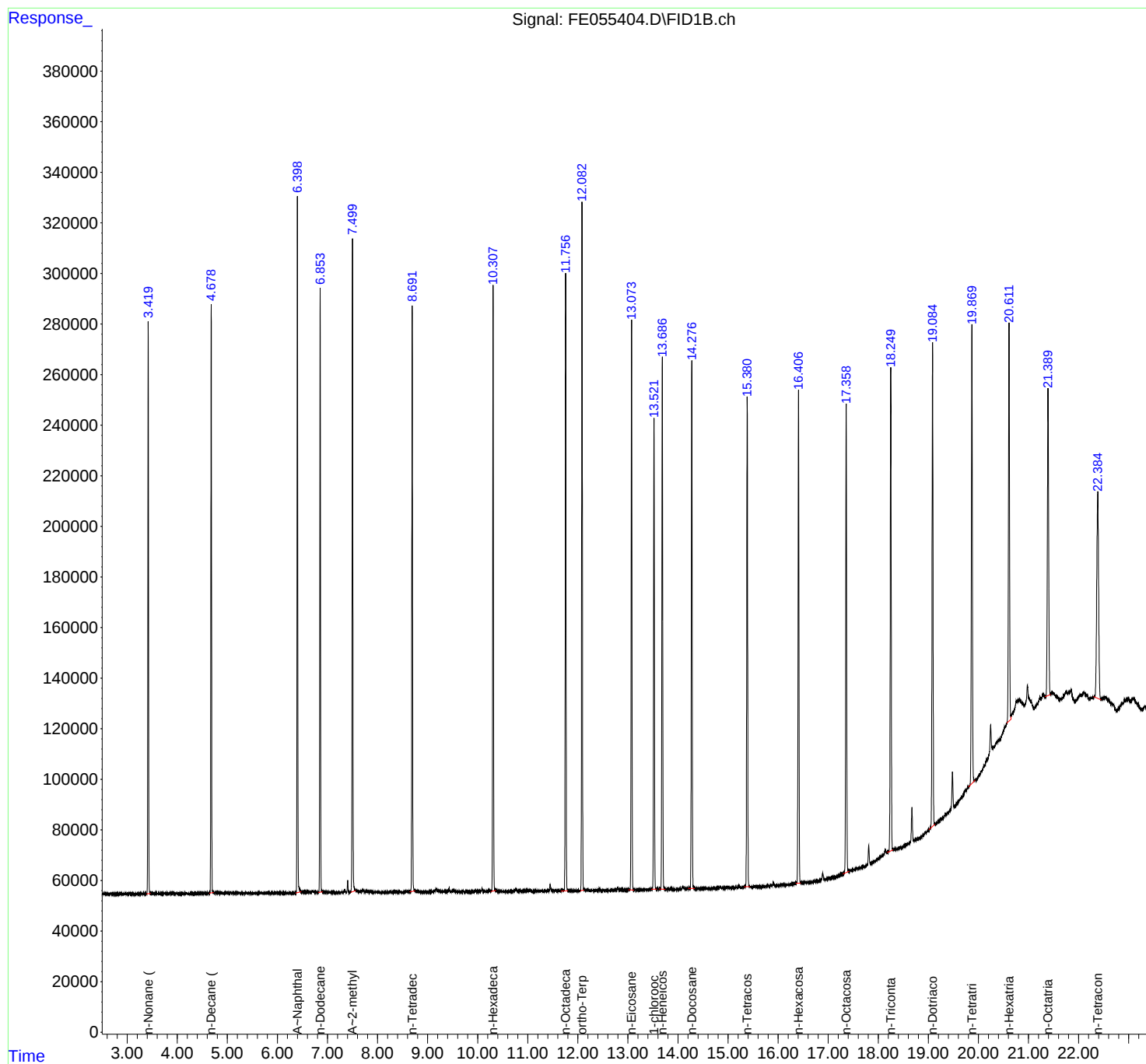
(m)=manual int.

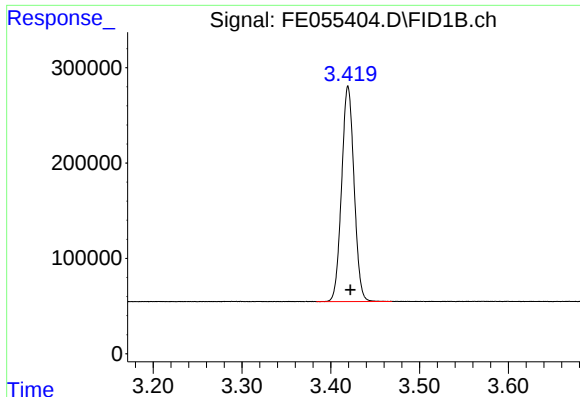
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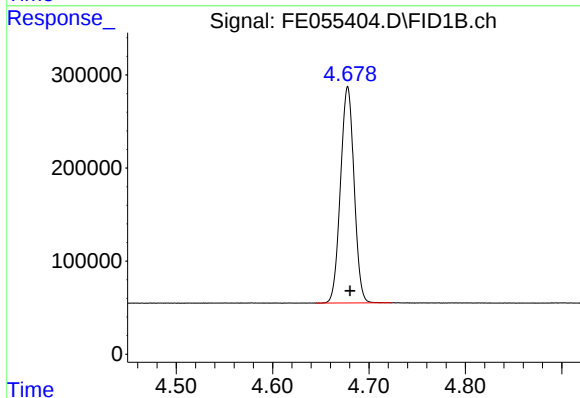




#1 n-Nonane (C9)

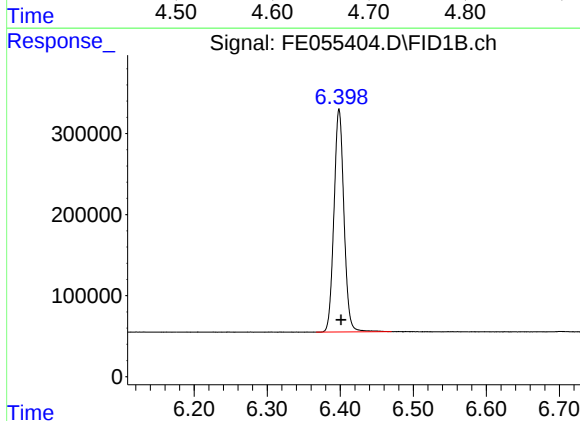
R.T.: 3.420 min
Delta R.T.: -0.002 min
Response: 2198860
Conc: 19.16 ug/ml

Instrument :
FID_E
ClientSampleId :



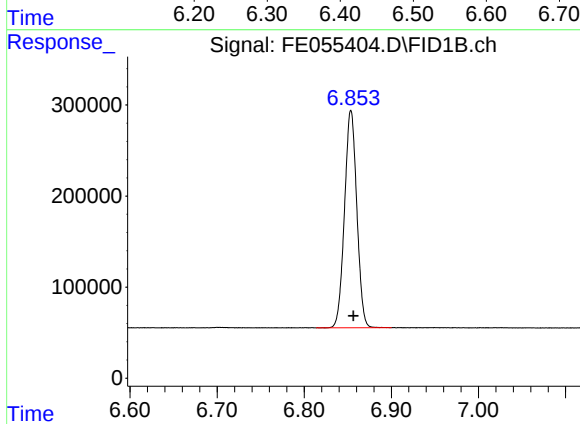
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.003 min
Response: 2267878
Conc: 19.47 ug/ml



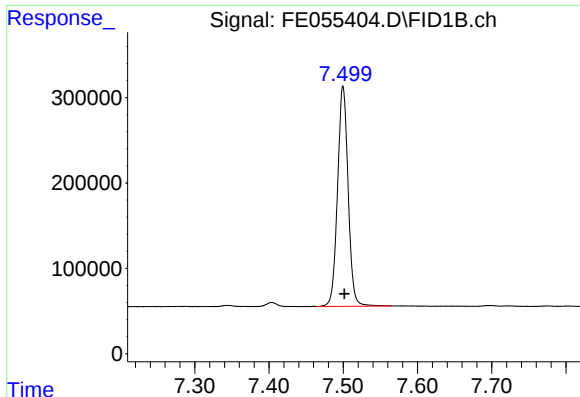
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.002 min
Response: 2616541
Conc: 19.49 ug/ml



#4 n-Dodecane (C12)

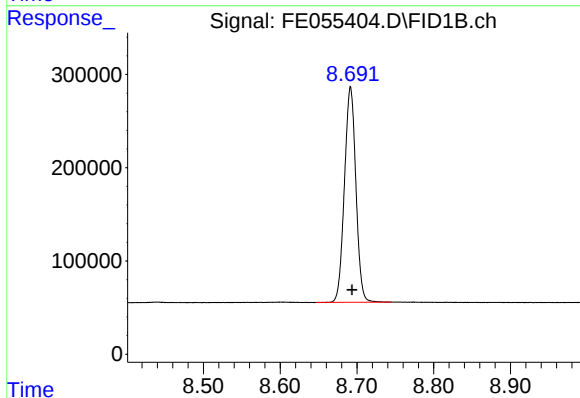
R.T.: 6.854 min
Delta R.T.: -0.003 min
Response: 2341890
Conc: 19.67 ug/ml



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

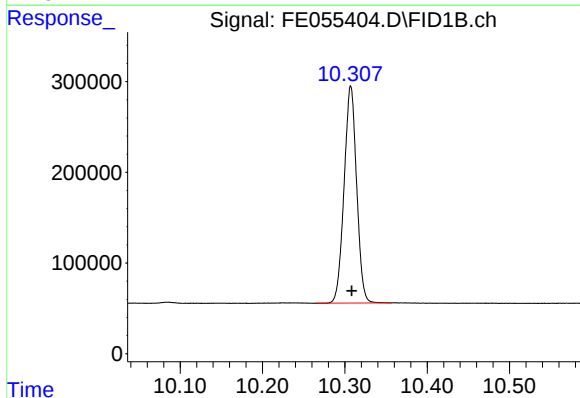
R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 2553362
Conc: 19.58 ug/ml

Instrument :
FID_E
ClientSampleId :



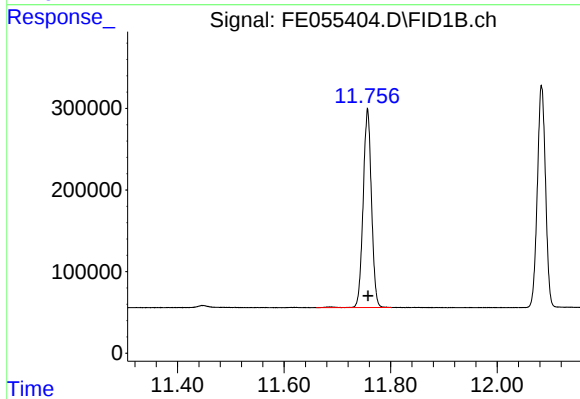
#6 n-Tetradecane (C14)

R.T.: 8.692 min
Delta R.T.: -0.002 min
Response: 2389097
Conc: 19.49 ug/ml



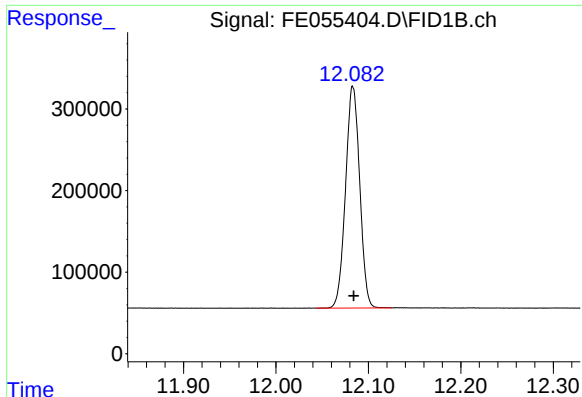
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: -0.001 min
Response: 2528516
Conc: 19.78 ug/ml



#8 n-Octadecane (C18)

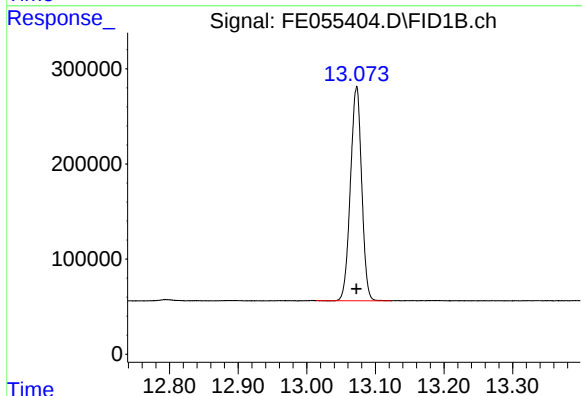
R.T.: 11.757 min
Delta R.T.: -0.001 min
Response: 2645211
Conc: 20.27 ug/ml



#9 ortho-Terphenyl (SURR)

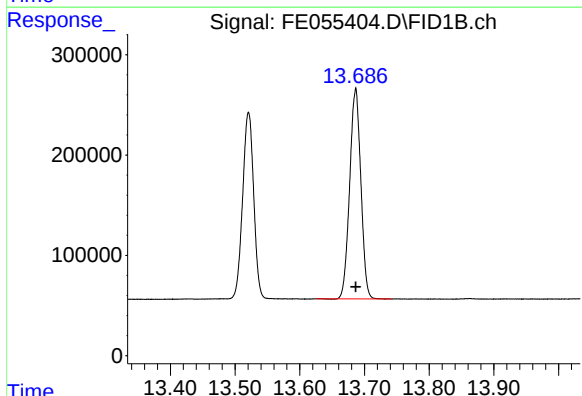
R.T.: 12.083 min
Delta R.T.: 0.000 min
Response: 2892439
Conc: 20.25 ug/ml

Instrument :
FID_E
ClientSampleId :



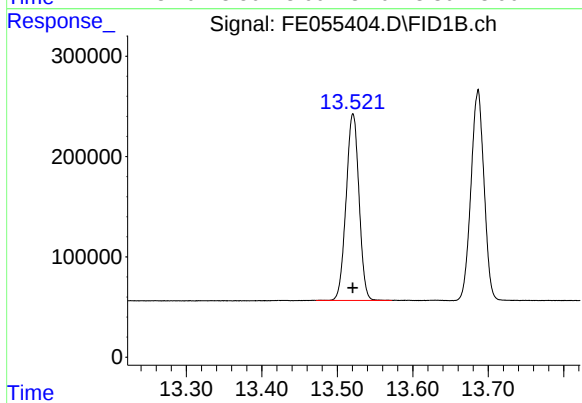
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 2562022
Conc: 20.42 ug/ml



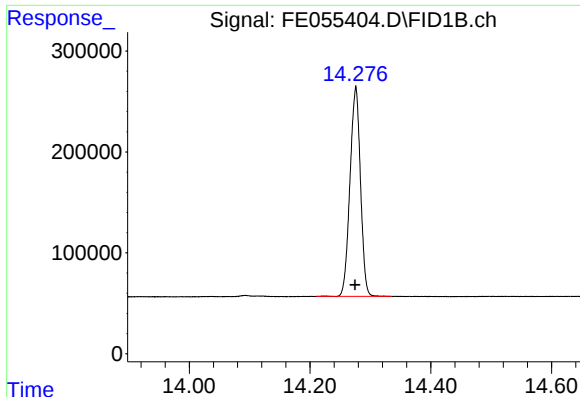
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 2516962
Conc: 20.42 ug/ml



#12 1-chlorooctadecane (SURR)

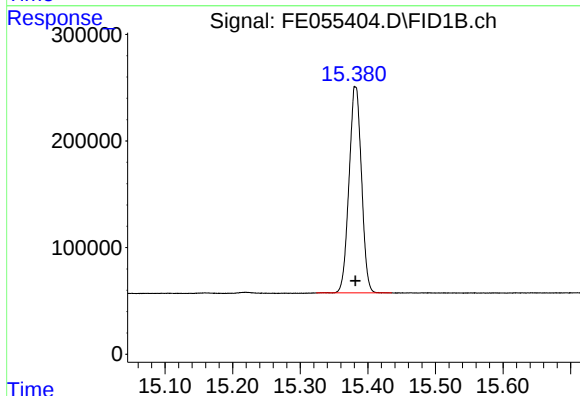
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2210415
Conc: 20.56 ug/ml



#13 n-Docosane (C22)

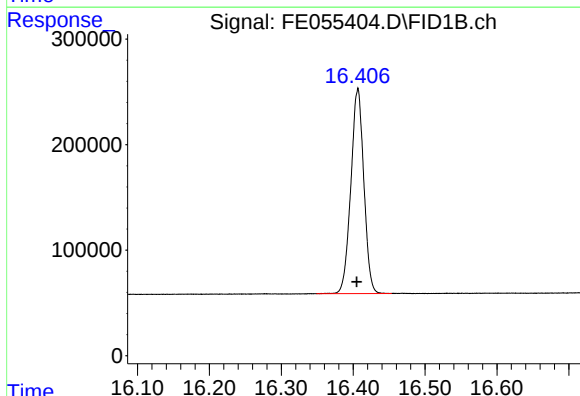
R.T.: 14.276 min
Delta R.T.: 0.000 min
Response: 2496752
Conc: 20.45 ug/ml

Instrument :
FID_E
ClientSampleId :



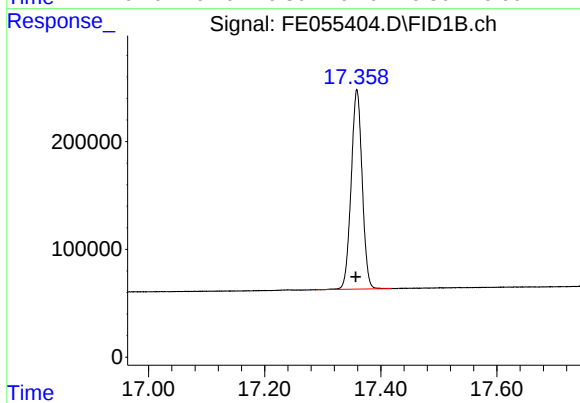
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: 0.000 min
Response: 2473052
Conc: 20.33 ug/ml



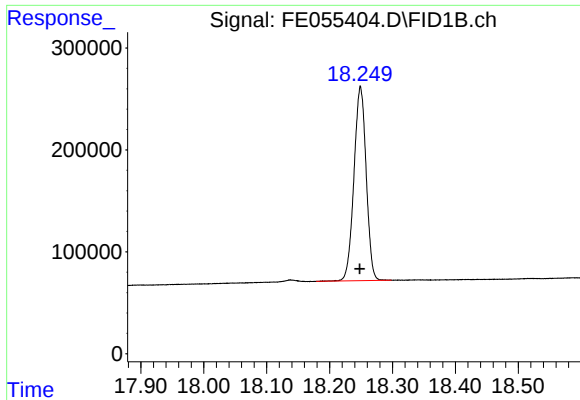
#15 n-Hexacosane (C26)

R.T.: 16.406 min
Delta R.T.: 0.001 min
Response: 2427630
Conc: 20.29 ug/ml



#16 n-Octacosane (C28)

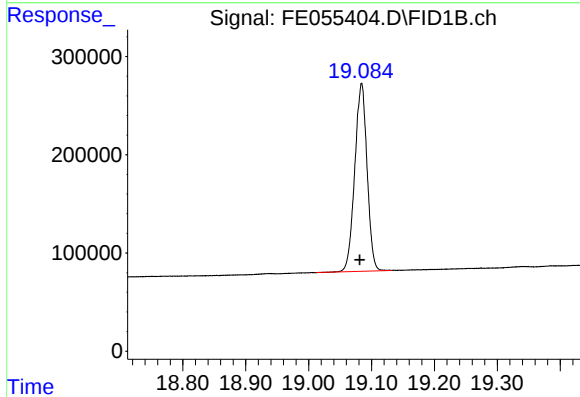
R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 2429654
Conc: 20.48 ug/ml



#17 n-Tricontane (C30)

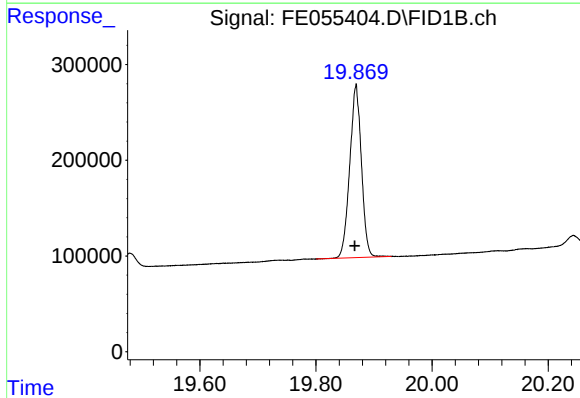
R.T.: 18.249 min
Delta R.T.: 0.001 min
Response: 2565605
Conc: 20.85 ug/ml

Instrument :
FID_E
ClientSampleId :



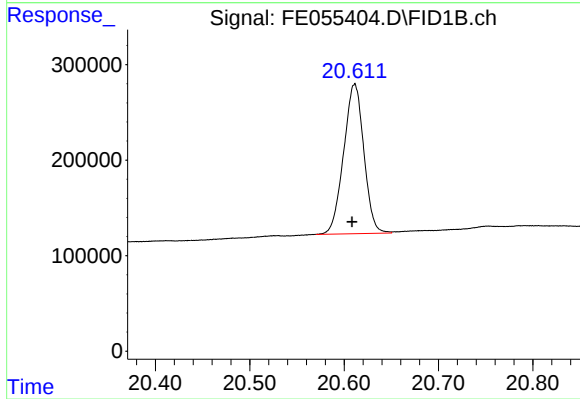
#18 n-Dotriacontane (C32)

R.T.: 19.084 min
Delta R.T.: 0.003 min
Response: 2597298
Conc: 21.29 ug/ml



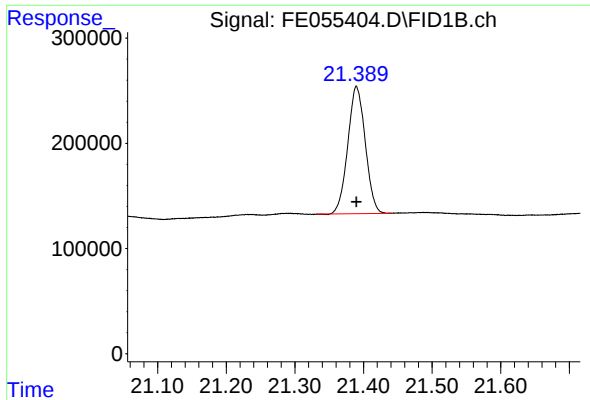
#19 n-Tetratriacontane (C34)

R.T.: 19.869 min
Delta R.T.: 0.002 min
Response: 2512088
Conc: 21.49 ug/ml



#20 n-Hexatriacontane (C36)

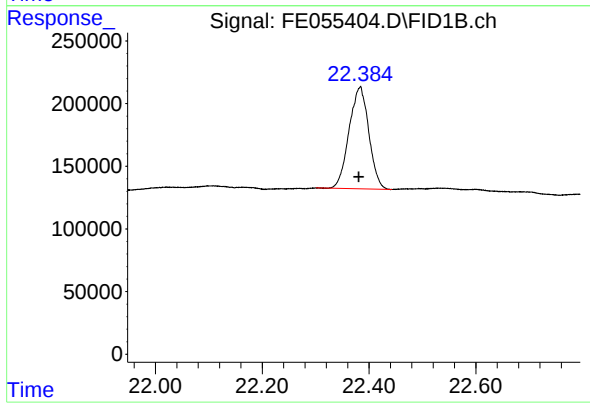
R.T.: 20.611 min
Delta R.T.: 0.003 min
Response: 2331053
Conc: 21.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min
Delta R.T.: 0.000 min
Response: 2139823
Conc: 19.80 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.383 min
Delta R.T.: 0.002 min
Response: 2083665
Conc: 19.93 ug/ml