

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081125AL\
 Data File : FE055240.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2025 21:30
 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 12 01:26:29 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)	12.090	2587107	18.117 ug/ml
Spiked Amount 50.000		Recovery =	36.23%
12) S 1-chlorooctadecane (S...	13.526	1975830	18.376 ug/ml
Spiked Amount 50.000		Recovery =	36.75%
Target Compounds			
1) T n-Nonane (C9)	3.423	2025203	17.646 ug/ml
2) T n-Decane (C10)	4.682	2135102	18.328 ug/ml
3) T A~Naphthalene (C11.7)	6.404	2446323	18.225 ug/ml
4) T n-Dodecane (C12)	6.858	2217169	18.619 ug/ml
5) T A~2-methylnaphthalene...	7.505	2400038	18.408 ug/ml
6) T n-Tetradecane (C14)	8.696	2282277	18.614 ug/ml
7) T n-Hexadecane (C16)	10.312	2381205	18.626 ug/ml
8) T n-Octadecane (C18)	11.762	2417931	18.532 ug/ml
10) T n-Eicosane (C20)	13.077	2325175	18.531 ug/ml
11) T n-Heneicosane (C21)	13.692	2253975	18.285 ug/ml
13) T n-Docosane (C22)	14.280	2318353	18.984 ug/ml
14) T n-Tetracosane (C24)	15.387	2471718	20.321 ug/ml
15) T n-Hexacosane (C26)	16.412	2546342	21.282 ug/ml
16) T n-Octacosane (C28)	17.364	2607963	21.985 ug/ml
17) T n-Tricontane (C30)	18.255	2959762	24.054 ug/ml
18) T n-Dotriacontane (C32)	19.088	2892536	23.707 ug/ml
19) T n-Tetratriacontane (C34)	19.875	2513610	21.499 ug/ml
20) T n-Hexatriacontane (C36)	20.616	2330697	21.324 ug/ml
21) T n-Octatriacontane (C38)	21.398	2535283	23.459 ug/ml
22) T n-Tetracontane (C40)	22.392	2066777	19.764 ug/ml

(f)=RT Delta > 1/2 Window

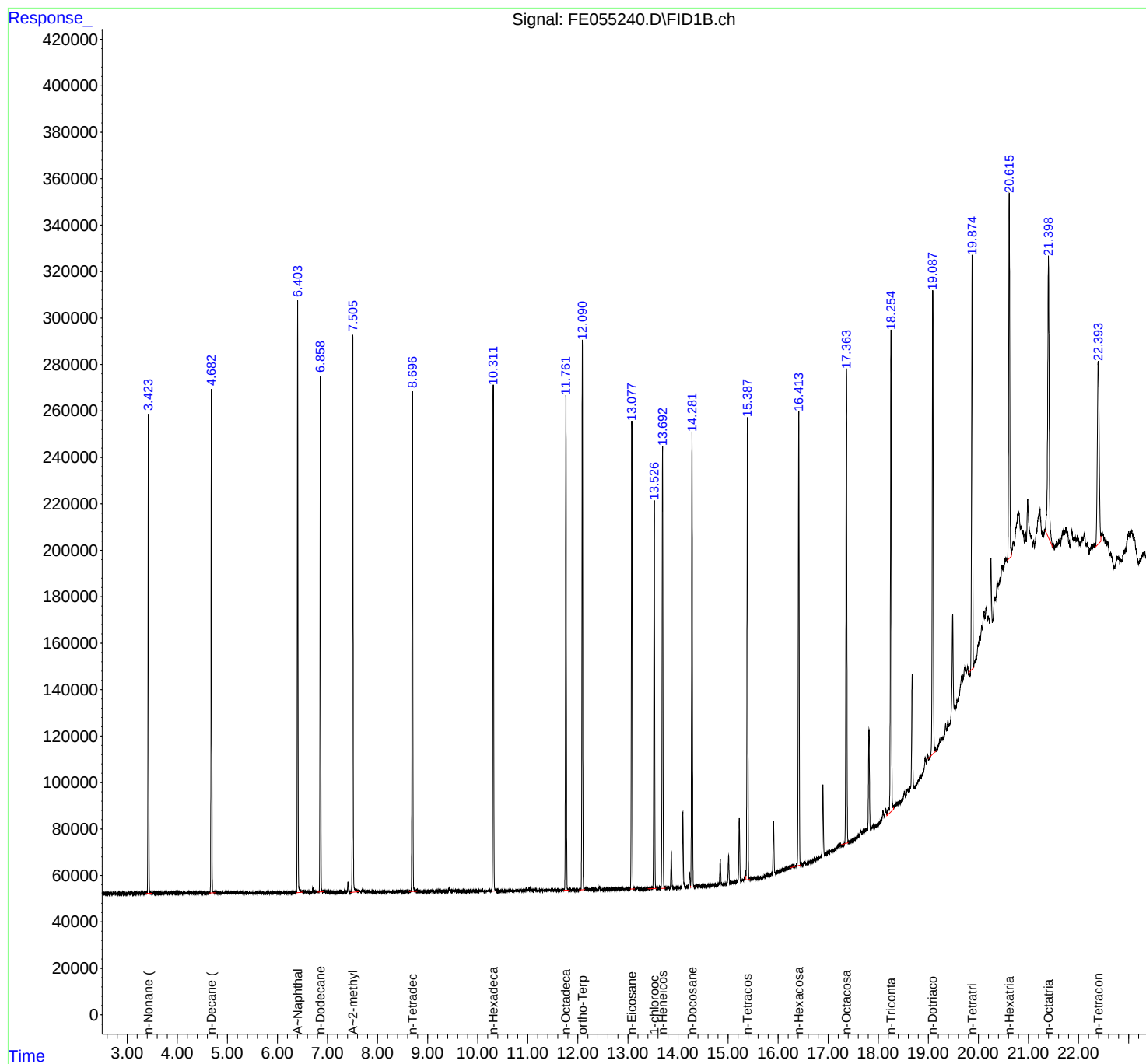
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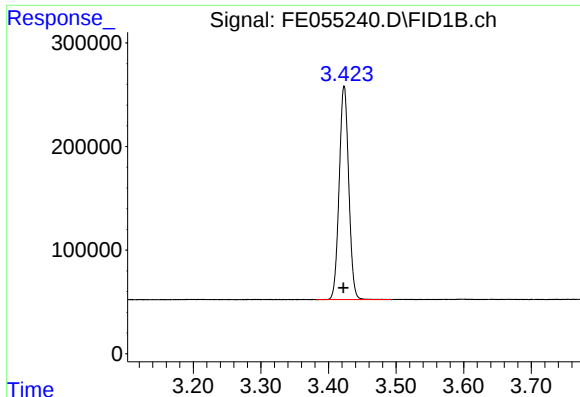
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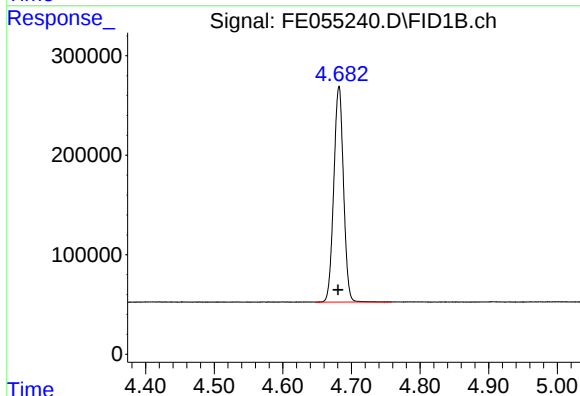




#1 n-Nonane (C9)

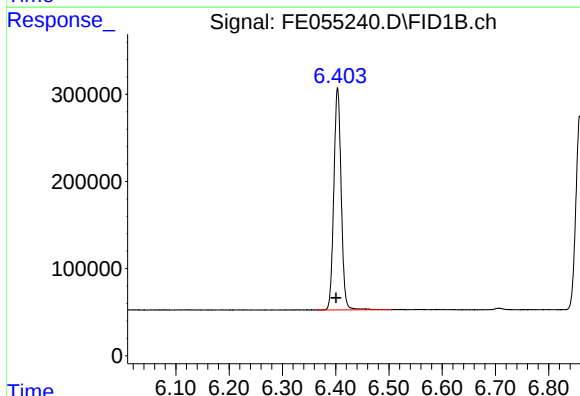
R.T.: 3.423 min
Delta R.T.: 0.001 min
Response: 2025203
Conc: 17.65 ug/ml

Instrument :
FID_E
ClientSampleId :



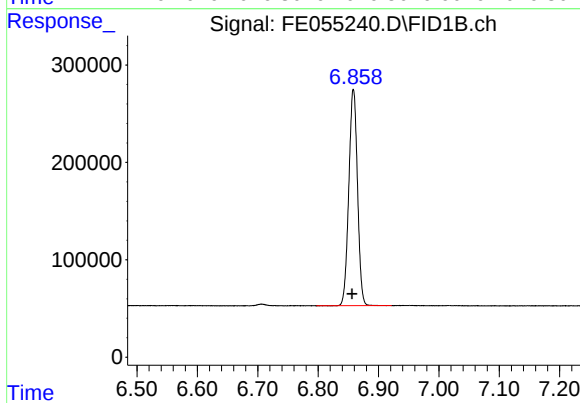
#2 n-Decane (C10)

R.T.: 4.682 min
Delta R.T.: 0.001 min
Response: 2135102
Conc: 18.33 ug/ml



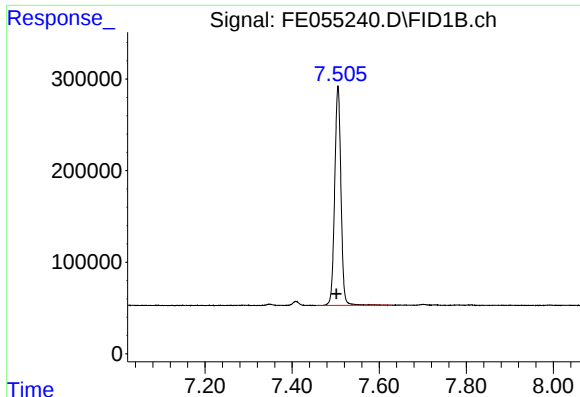
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.003 min
Response: 2446323
Conc: 18.22 ug/ml



#4 n-Dodecane (C12)

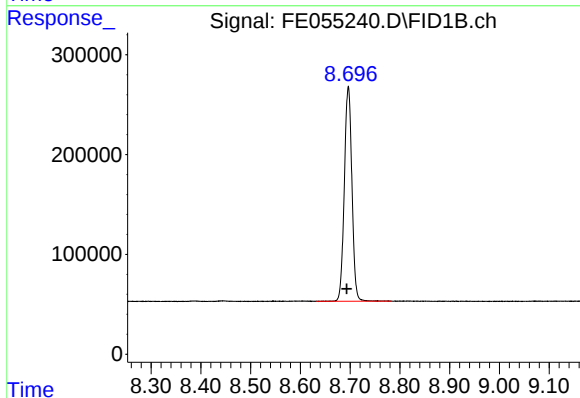
R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 2217169
Conc: 18.62 ug/ml



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

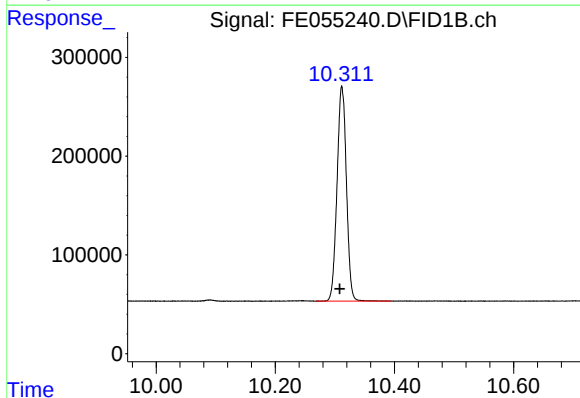
R.T.: 7.505 min
Delta R.T.: 0.004 min
Response: 2400038
Conc: 18.41 ug/ml

Instrument :
FID_E
ClientSampleId :



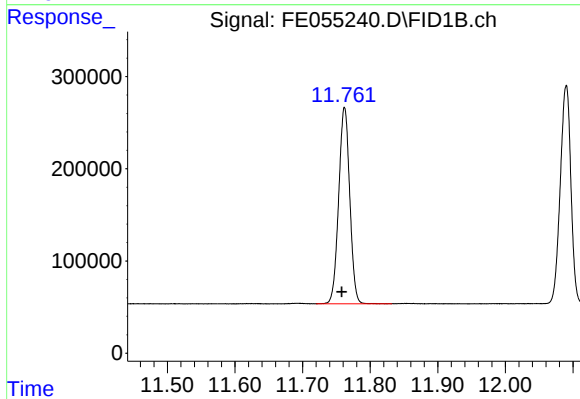
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.003 min
Response: 2282277
Conc: 18.61 ug/ml



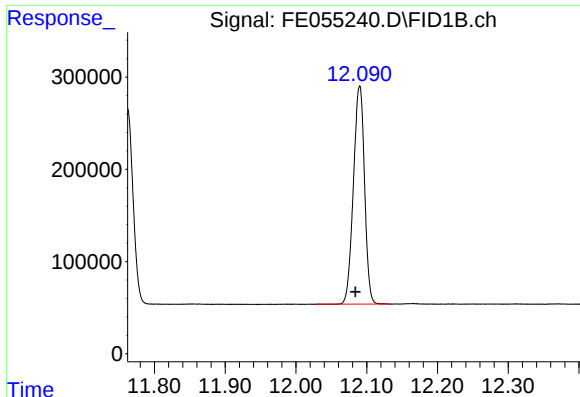
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.004 min
Response: 2381205
Conc: 18.63 ug/ml



#8 n-Octadecane (C18)

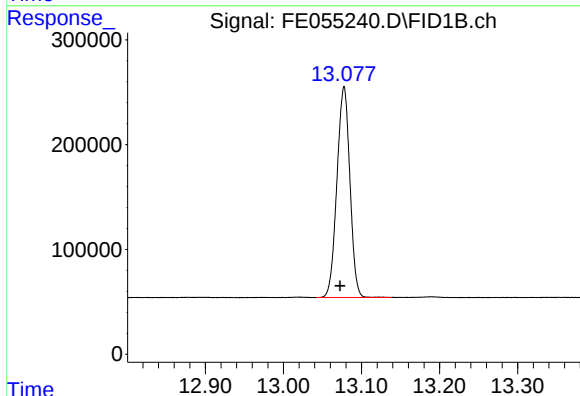
R.T.: 11.762 min
Delta R.T.: 0.004 min
Response: 2417931
Conc: 18.53 ug/ml



#9 ortho-Terphenyl (SURR)

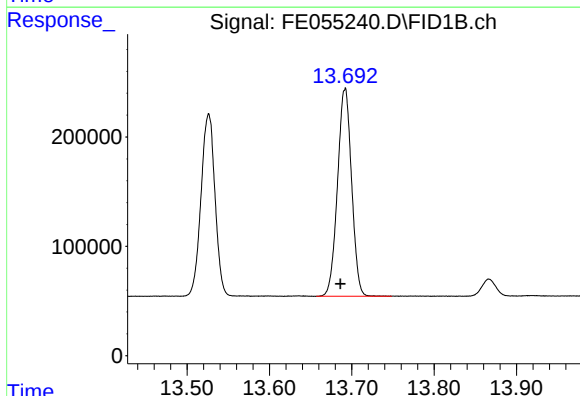
R.T.: 12.090 min
Delta R.T.: 0.006 min
Response: 2587107
Conc: 18.12 ug/ml

Instrument :
FID_E
ClientSampleId :



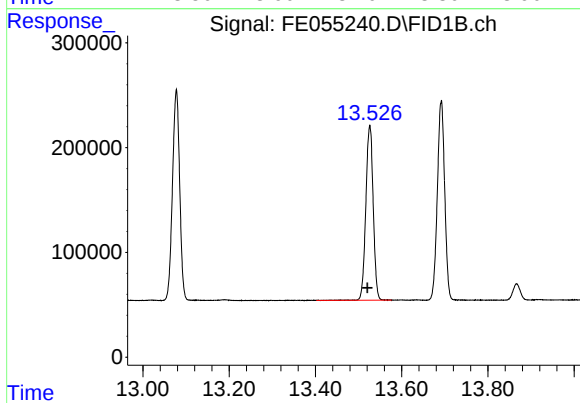
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.005 min
Response: 2325175
Conc: 18.53 ug/ml



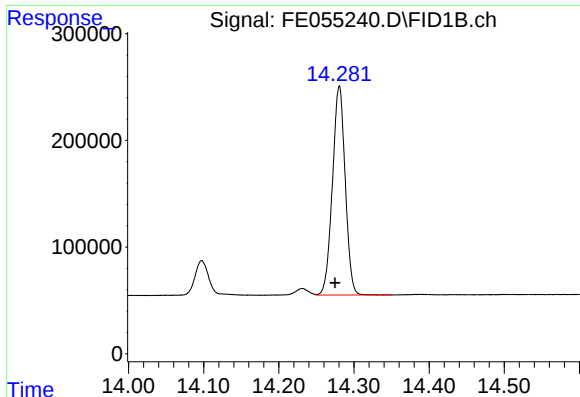
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.005 min
Response: 2253975
Conc: 18.29 ug/ml



#12 1-chlorooctadecane (SURR)

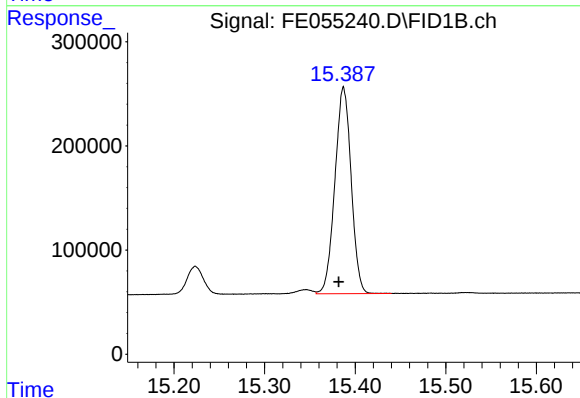
R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 1975830
Conc: 18.38 ug/ml



#13 n-Docosane (C22)

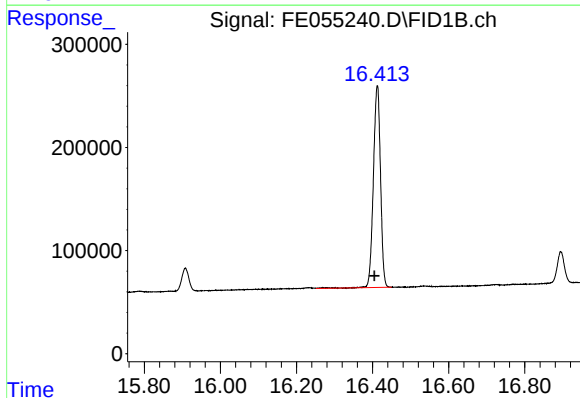
R.T.: 14.280 min
Delta R.T.: 0.006 min
Response: 2318353
Conc: 18.98 ug/ml

Instrument :
FID_E
ClientSampleId :



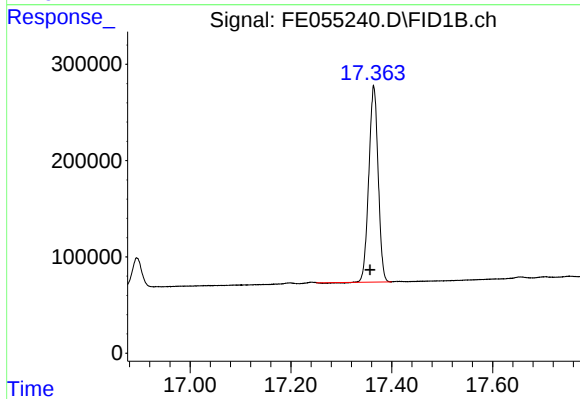
#14 n-Tetracosane (C24)

R.T.: 15.387 min
Delta R.T.: 0.005 min
Response: 2471718
Conc: 20.32 ug/ml



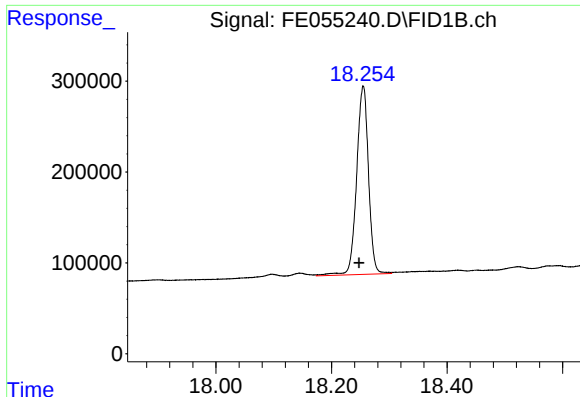
#15 n-Hexacosane (C26)

R.T.: 16.412 min
Delta R.T.: 0.007 min
Response: 2546342
Conc: 21.28 ug/ml



#16 n-Octacosane (C28)

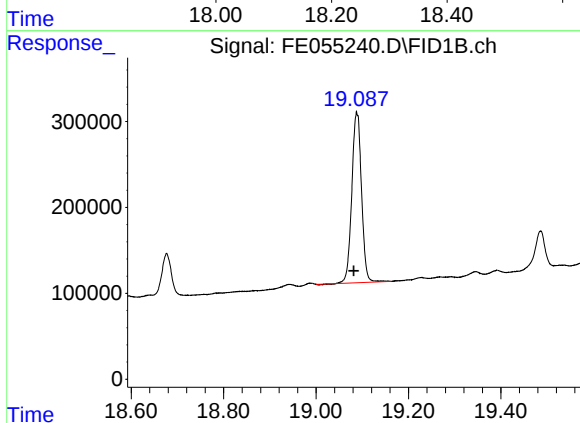
R.T.: 17.364 min
Delta R.T.: 0.007 min
Response: 2607963
Conc: 21.99 ug/ml



#17 n-Tricontane (C30)

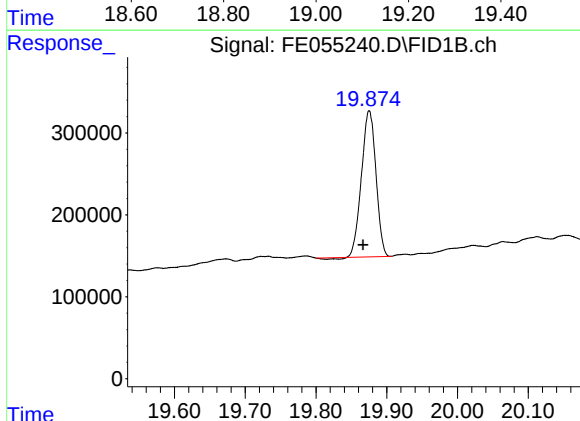
R.T.: 18.255 min
Delta R.T.: 0.007 min
Response: 2959762
Conc: 24.05 ug/ml

Instrument :
FID_E
ClientSampleId :



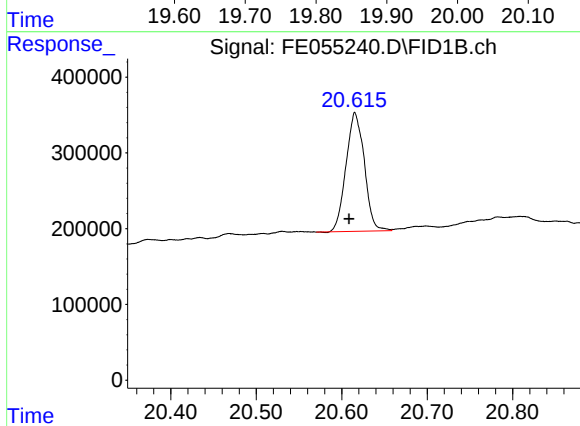
#18 n-Dotriacontane (C32)

R.T.: 19.088 min
Delta R.T.: 0.007 min
Response: 2892536
Conc: 23.71 ug/ml



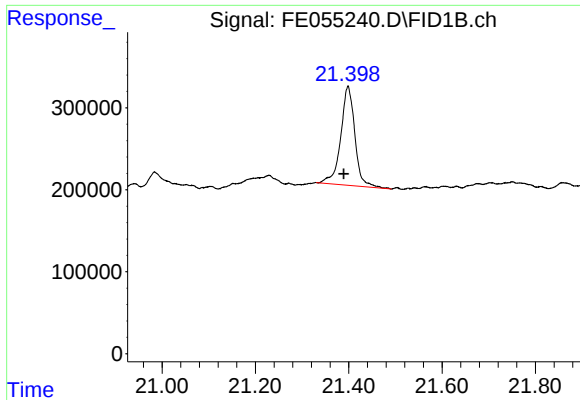
#19 n-Tetratriacontane (C34)

R.T.: 19.875 min
Delta R.T.: 0.009 min
Response: 2513610
Conc: 21.50 ug/ml



#20 n-Hexatriacontane (C36)

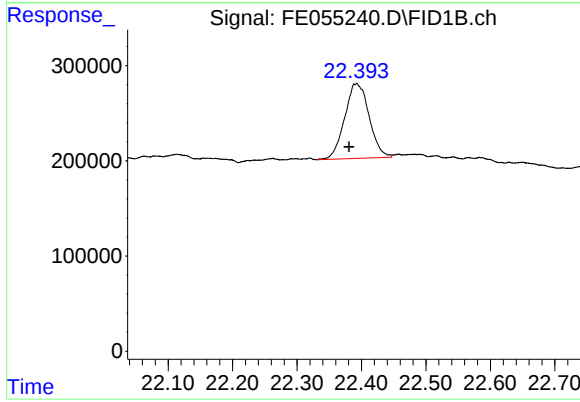
R.T.: 20.616 min
Delta R.T.: 0.007 min
Response: 2330697
Conc: 21.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.398 min
Delta R.T.: 0.009 min
Response: 2535283
Conc: 23.46 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.392 min
Delta R.T.: 0.011 min
Response: 2066777
Conc: 19.76 ug/ml