

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082825AL\
 Data File : FE055572.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2025 00:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 29 03:35:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:04:20 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)	12.075	3170492	19.299 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
12) S 1-chlorooctadecane (S...	13.511	2425092	19.394 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.414	2468617	19.453 ug/ml
2) T n-Decane (C10)	4.672	2489844	19.437 ug/ml
3) T A~Naphthalene (C11.7)	6.391	2836669	19.524 ug/ml
4) T n-Dodecane (C12)	6.847	2531543	19.442 ug/ml
5) T A~2-methylnaphthalene...	7.491	2734510	19.442 ug/ml
6) T n-Tetradecane (C14)	8.684	2555162	19.402 ug/ml
7) T n-Hexadecane (C16)	10.299	2673560	19.304 ug/ml
8) T n-Octadecane (C18)	11.749	2821217	19.321 ug/ml
10) T n-Eicosane (C20)	13.064	2778188	19.300 ug/ml
11) T n-Heneicosane (C21)	13.678	2754113	19.280 ug/ml
13) T n-Docosane (C22)	14.266	2762904	19.302 ug/ml
14) T n-Tetracosane (C24)	15.373	2802378	19.367 ug/ml
15) T n-Hexacosane (C26)	16.397	2744828	19.213 ug/ml
16) T n-Octacosane (C28)	17.349	2771100	19.482 ug/ml
17) T n-Tricontane (C30)	18.239	3047402	20.616 ug/ml
18) T n-Dotriacontane (C32)	19.073	3301018	22.490 ug/ml
19) T n-Tetratriacontane (C34)	19.860	3286163	23.259 ug/ml
20) T n-Hexatriacontane (C36)	20.599	3072205	23.282 ug/ml
21) T n-Octatriacontane (C38)	21.376	2862306	21.977 ug/ml
22) T n-Tetracontane (C40)	22.364	2751193	21.453 ug/ml

(f)=RT Delta > 1/2 Window

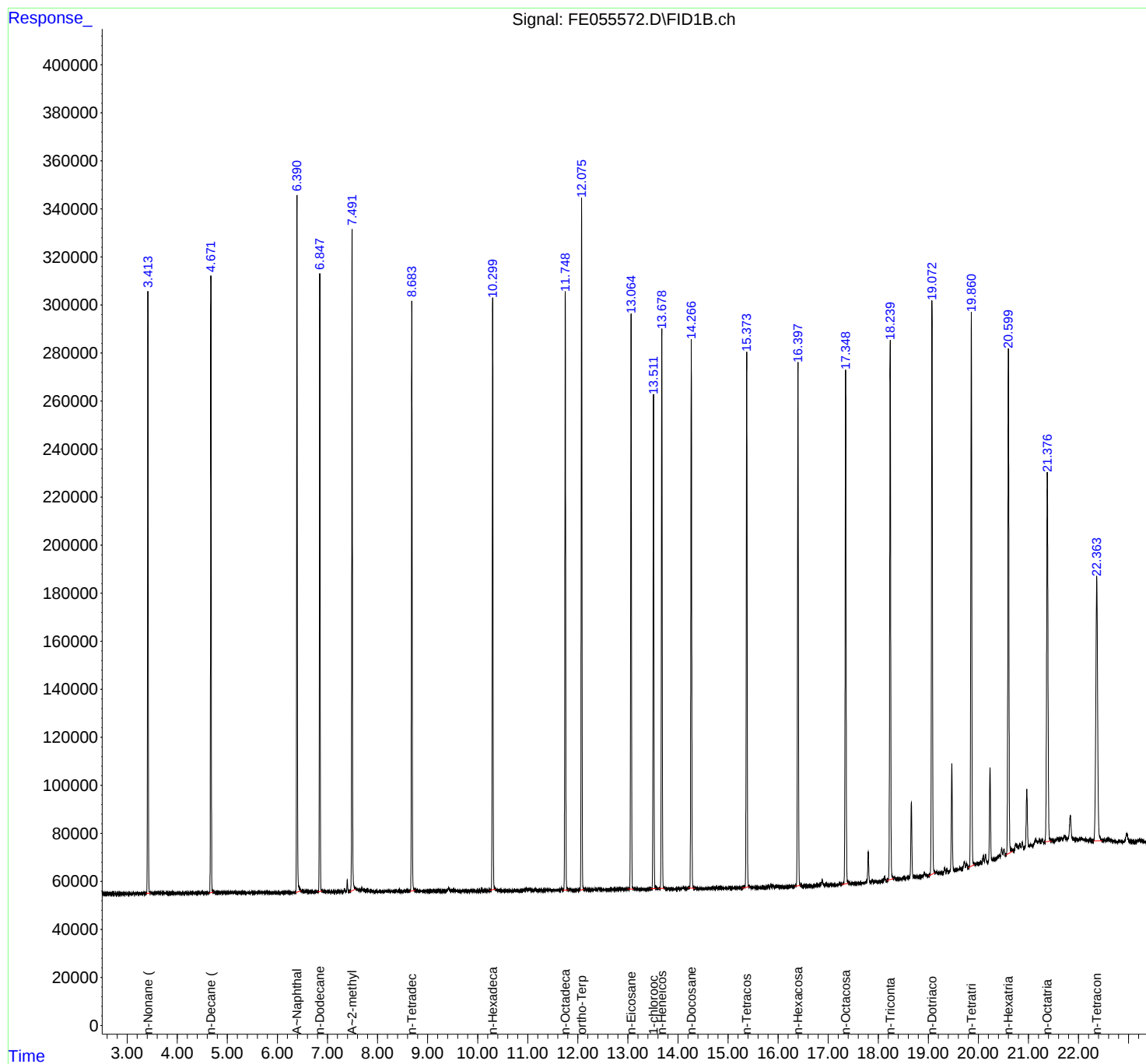
(m)=manual int.

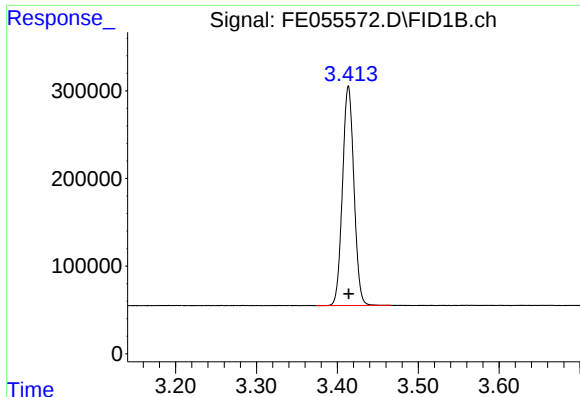
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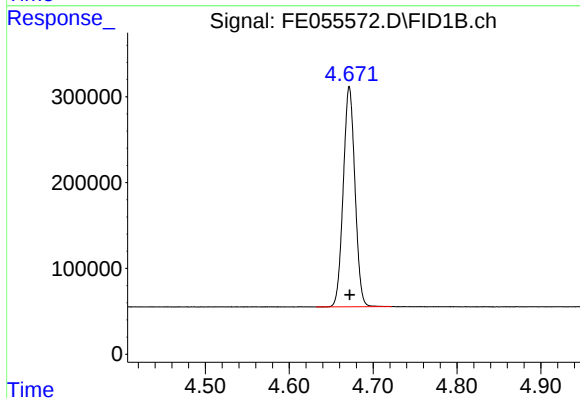




#1 n-Nonane (C9)

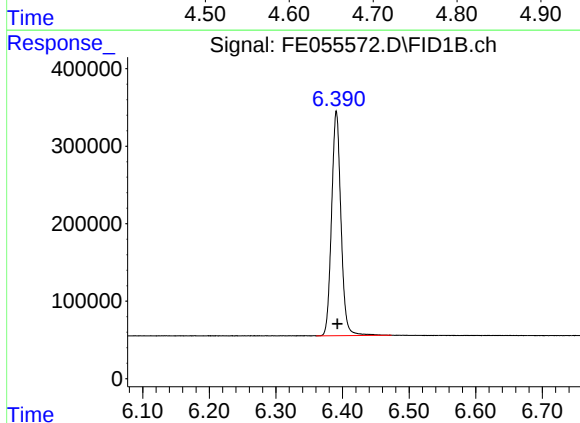
R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 2468617
Conc: 19.45 ug/ml

Instrument :
FID_C
ClientSampleId :



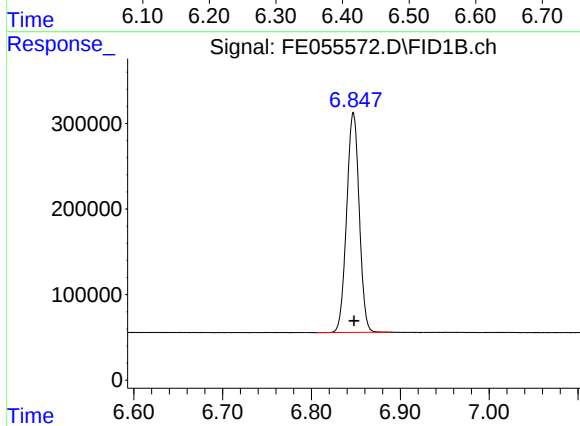
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 2489844
Conc: 19.44 ug/ml



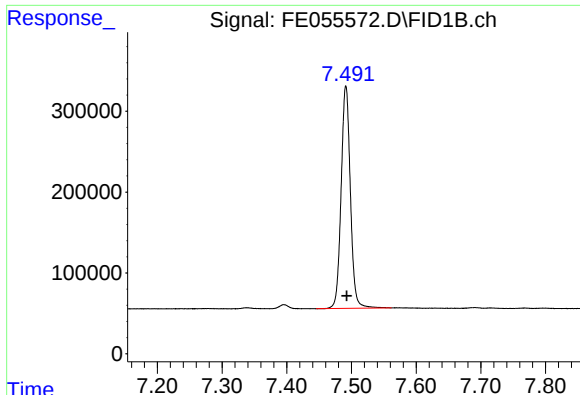
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: -0.002 min
Response: 2836669
Conc: 19.52 ug/ml



#4 n-Dodecane (C12)

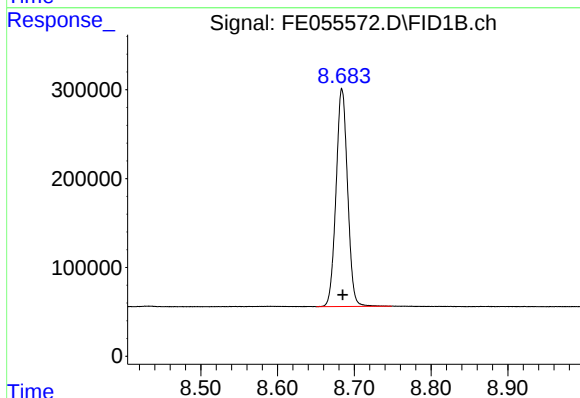
R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 2531543
Conc: 19.44 ug/ml



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

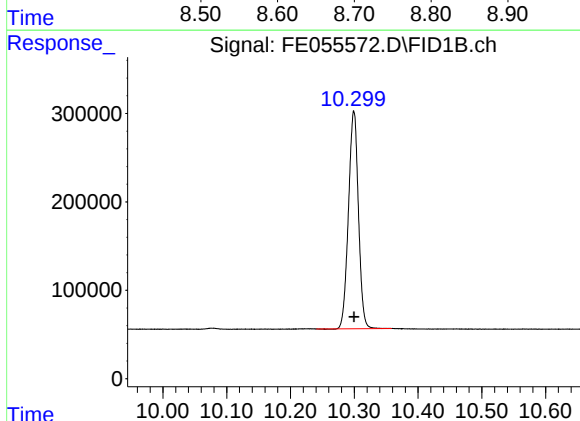
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 2734510
Conc: 19.44 ug/ml

Instrument :
FID_C
ClientSampleId :



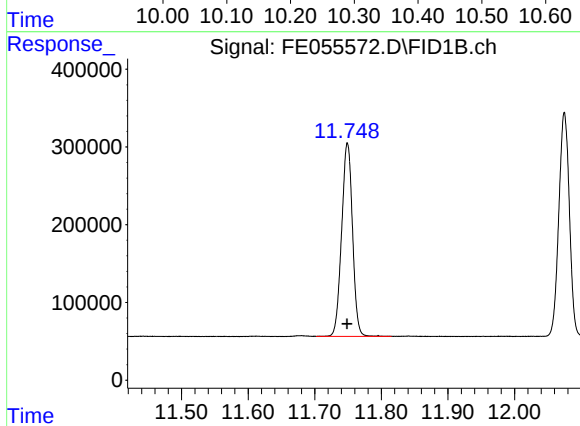
#6 n-Tetradecane (C14)

R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 2555162
Conc: 19.40 ug/ml



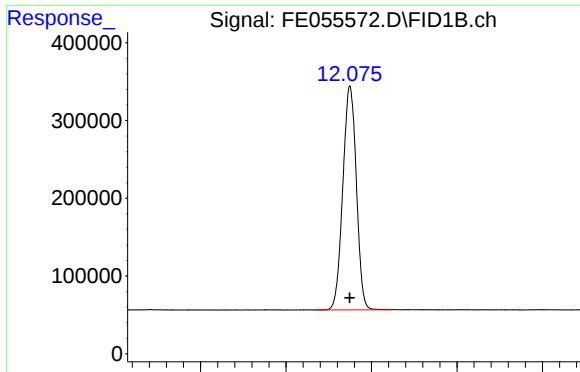
#7 n-Hexadecane (C16)

R.T.: 10.299 min
Delta R.T.: 0.000 min
Response: 2673560
Conc: 19.30 ug/ml



#8 n-Octadecane (C18)

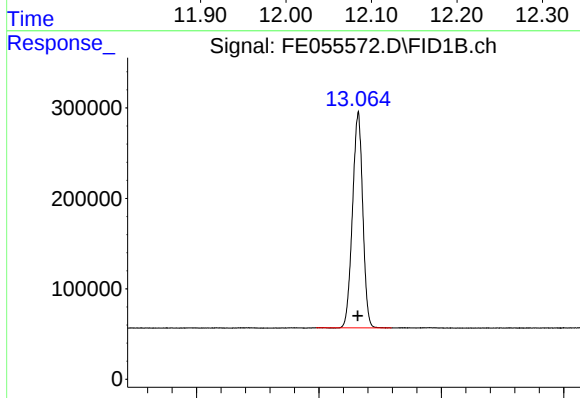
R.T.: 11.749 min
Delta R.T.: 0.000 min
Response: 2821217
Conc: 19.32 ug/ml



#9 ortho-Terphenyl (SURR)

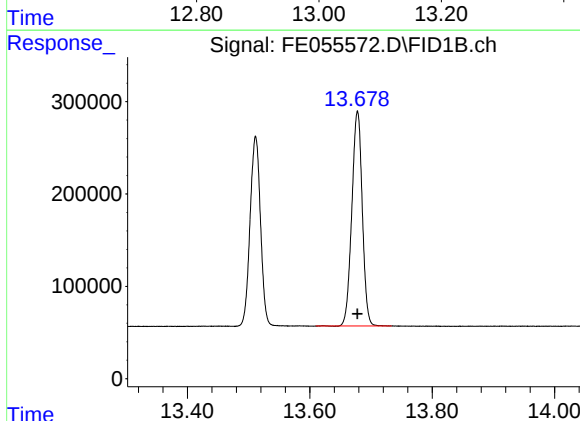
R.T.: 12.075 min
Delta R.T.: 0.000 min
Response: 3170492
Conc: 19.30 ug/ml

Instrument :
FID_C
ClientSampleId :



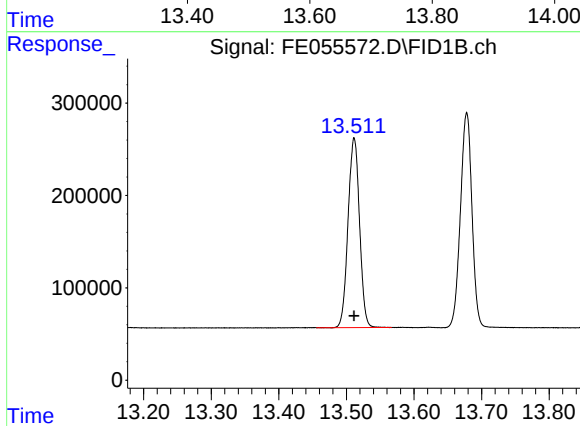
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 2778188
Conc: 19.30 ug/ml



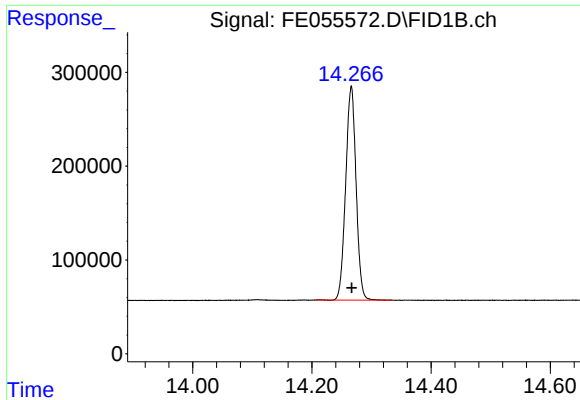
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: 0.000 min
Response: 2754113
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

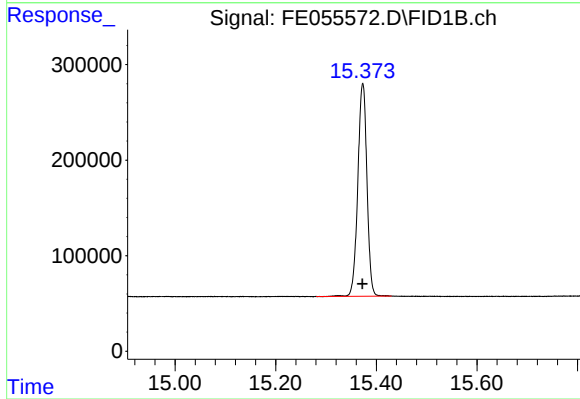
R.T.: 13.511 min
Delta R.T.: 0.000 min
Response: 2425092
Conc: 19.39 ug/ml



#13 n-Docosane (C22)

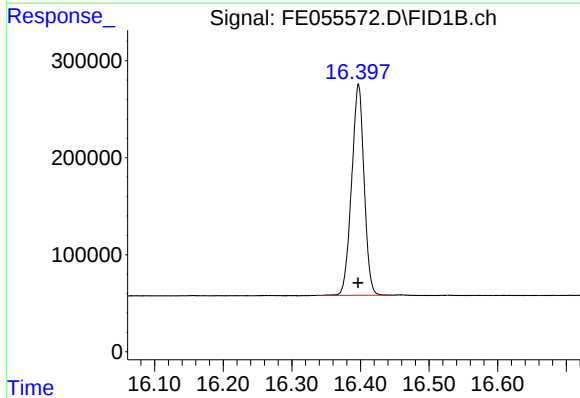
R.T.: 14.266 min
Delta R.T.: 0.000 min
Response: 2762904
Conc: 19.30 ug/ml

Instrument :
FID_C
ClientSampleId :



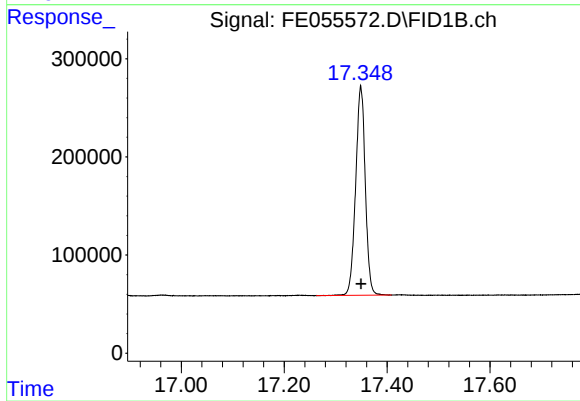
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: 0.000 min
Response: 2802378
Conc: 19.37 ug/ml



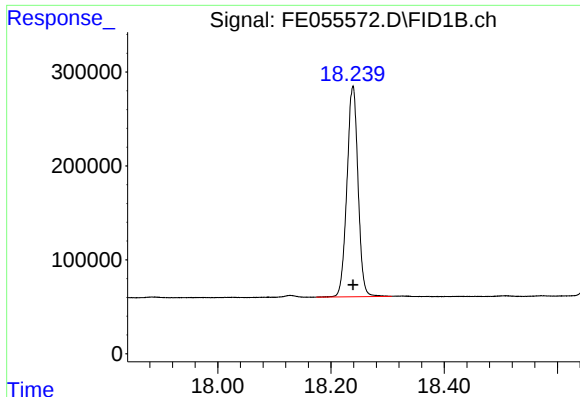
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: 0.000 min
Response: 2744828
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

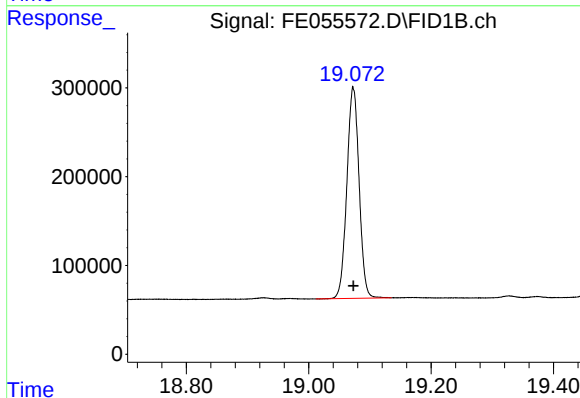
R.T.: 17.349 min
Delta R.T.: 0.000 min
Response: 2771100
Conc: 19.48 ug/ml



#17 n-Tricontane (C30)

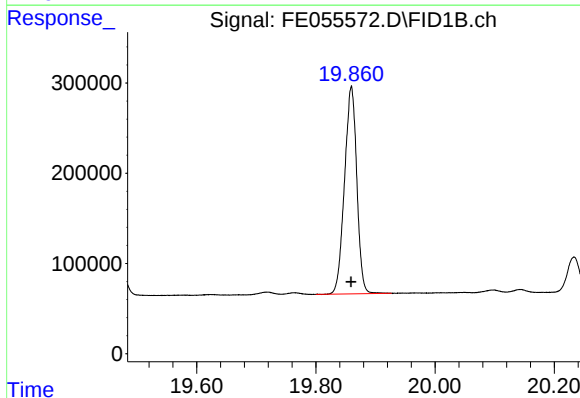
R.T.: 18.239 min
Delta R.T.: 0.000 min
Response: 3047402
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :



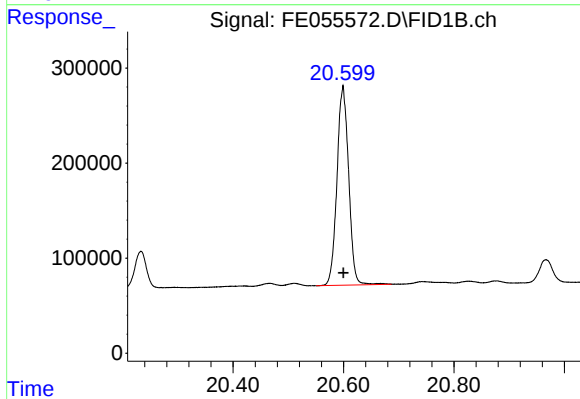
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: 0.000 min
Response: 3301018
Conc: 22.49 ug/ml



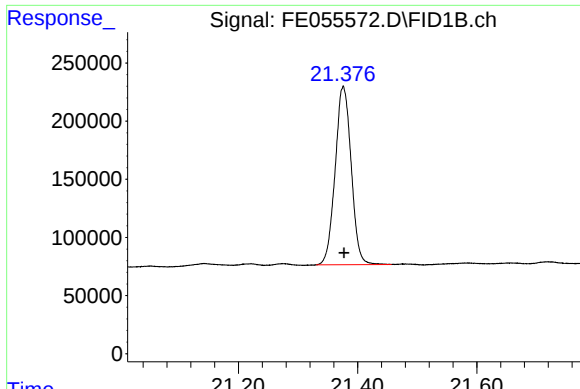
#19 n-Tetratriacontane (C34)

R.T.: 19.860 min
Delta R.T.: 0.000 min
Response: 3286163
Conc: 23.26 ug/ml



#20 n-Hexatriacontane (C36)

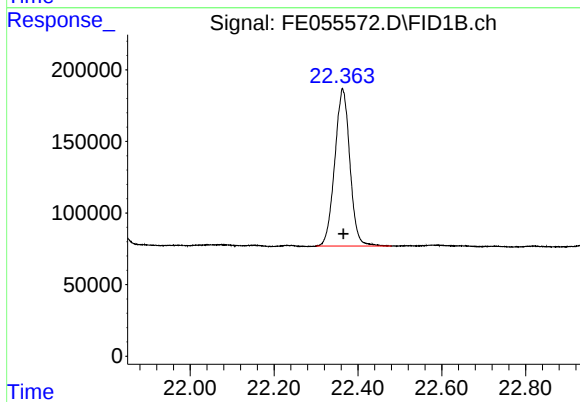
R.T.: 20.599 min
Delta R.T.: 0.000 min
Response: 3072205
Conc: 23.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.376 min
Delta R.T.: -0.001 min
Response: 2862306
Conc: 21.98 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.364 min
Delta R.T.: -0.002 min
Response: 2751193
Conc: 21.45 ug/ml