

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055586.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2025 08:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 09:11:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:12:09 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)	12.075	3165072	19.266 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
12) S 1-chlorooctadecane (S...	13.511	2425353	19.396 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.413	2443028	19.251 ug/ml
2) T n-Decane (C10)	4.671	2462170	19.221 ug/ml
3) T A~Naphthalene (C11.7)	6.390	2809312	19.336 ug/ml
4) T n-Dodecane (C12)	6.847	2502235	19.217 ug/ml
5) T A~2-methylnaphthalene...	7.491	2723138	19.361 ug/ml
6) T n-Tetradecane (C14)	8.684	2521604	19.148 ug/ml
7) T n-Hexadecane (C16)	10.299	2636999	19.040 ug/ml
8) T n-Octadecane (C18)	11.748	2814222	19.294 ug/ml
10) T n-Eicosane (C20)	13.063	2772331	19.259 ug/ml
11) T n-Heneicosane (C21)	13.678	2758770	19.313 ug/ml
13) T n-Docosane (C22)	14.265	2769132	19.345 ug/ml
14) T n-Tetracosane (C24)	15.373	2834640	19.590 ug/ml
15) T n-Hexacosane (C26)	16.397	2768314	19.377 ug/ml
16) T n-Octacosane (C28)	17.349	2744166	19.293 ug/ml
17) T n-Tricontane (C30)	18.238	2836652	19.190 ug/ml
18) T n-Dotriacontane (C32)	19.072	2803846	19.103 ug/ml
19) T n-Tetratriacontane (C34)	19.858	2703379	19.134 ug/ml
20) T n-Hexatriacontane (C36)	20.599	2539208	19.243 ug/ml
21) T n-Octatriacontane (C38)	21.376	2499277	19.190 ug/ml
22) T n-Tetracontane (C40)	22.362	2500994	19.502 ug/ml

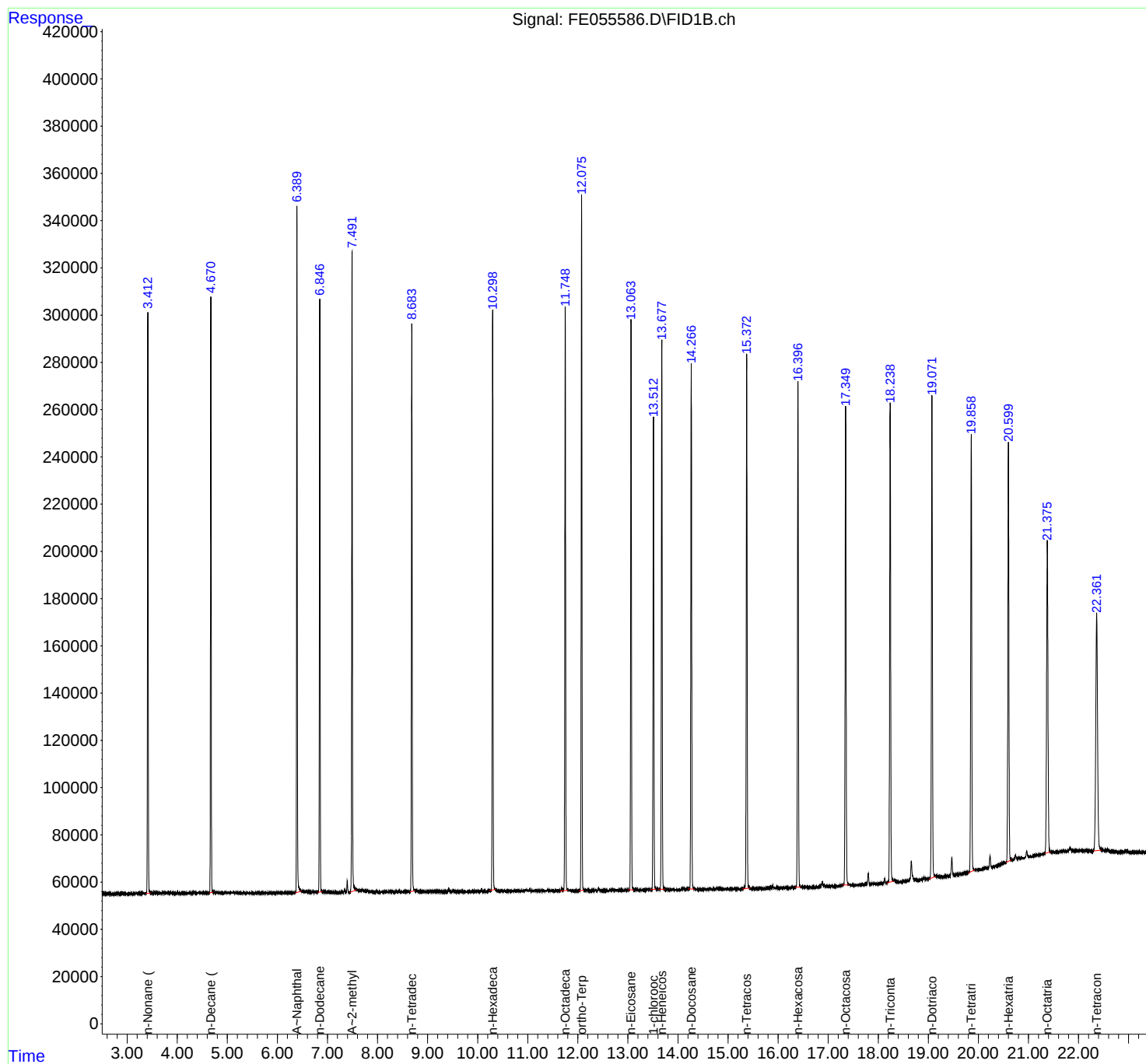
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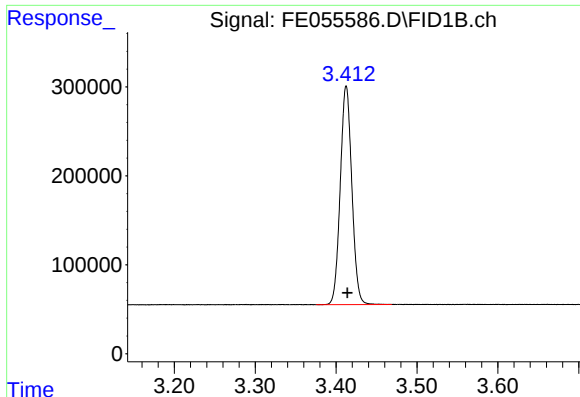
(m)=manual int.

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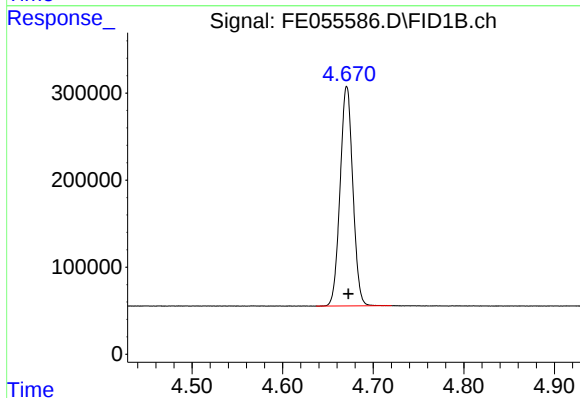
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





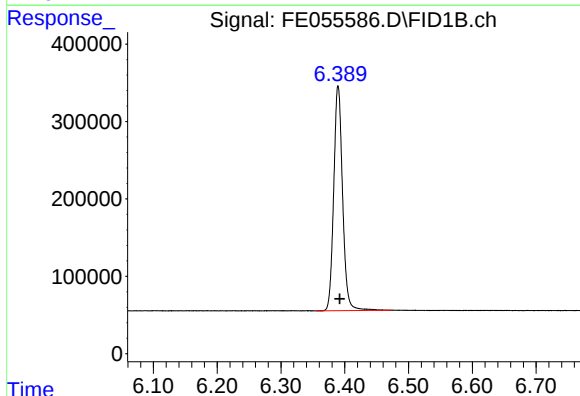
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: -0.001 min
Response: 2443028
Conc: 19.25 ug/ml



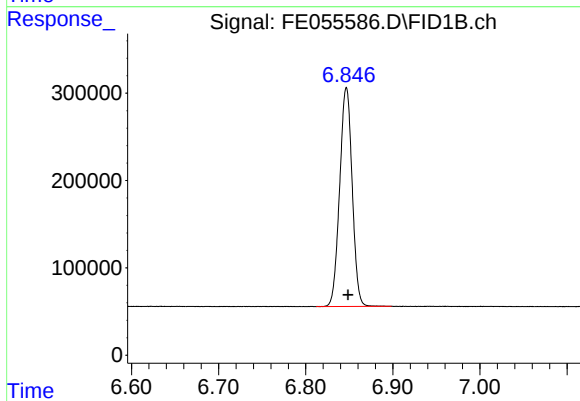
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 2462170
Conc: 19.22 ug/ml



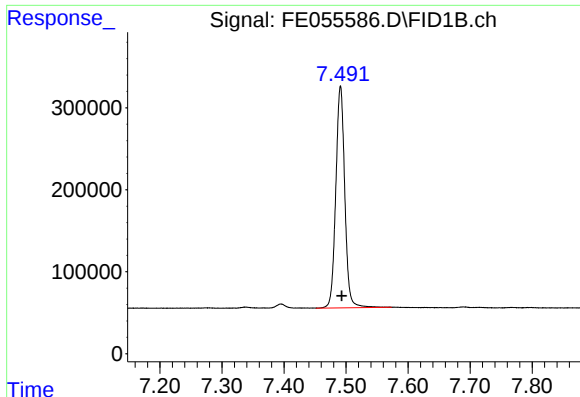
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 2809312
Conc: 19.34 ug/ml



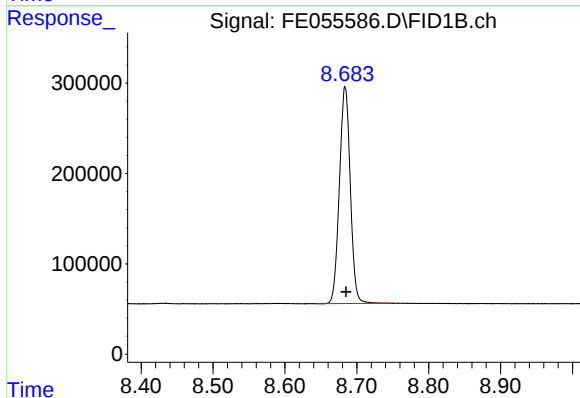
#4 n-Dodecane (C12)

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 2502235
Conc: 19.22 ug/ml



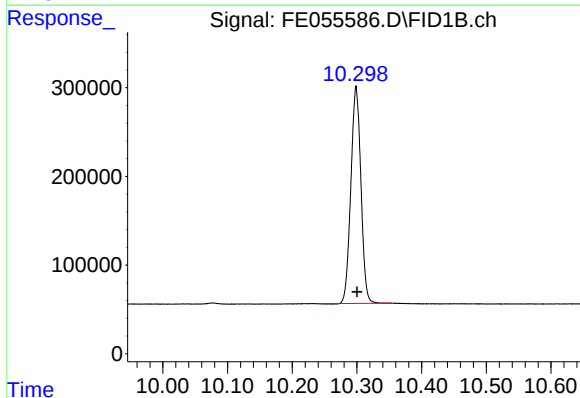
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 2723138
Conc: 19.36 ug/ml



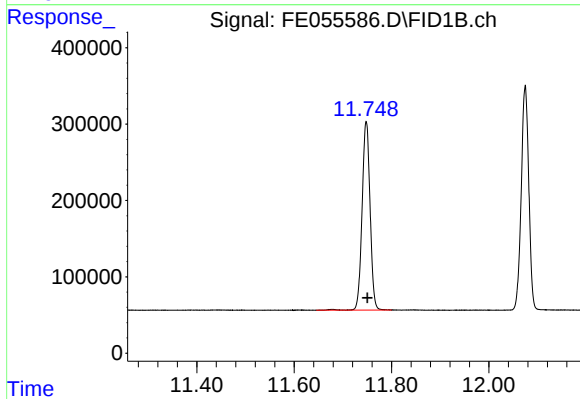
#6 n-Tetradecane (C14)

R.T.: 8.684 min
Delta R.T.: -0.001 min
Response: 2521604
Conc: 19.15 ug/ml



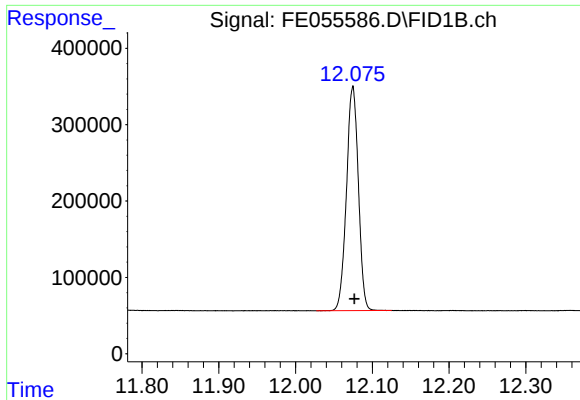
#7 n-Hexadecane (C16)

R.T.: 10.299 min
Delta R.T.: -0.001 min
Response: 2636999
Conc: 19.04 ug/ml



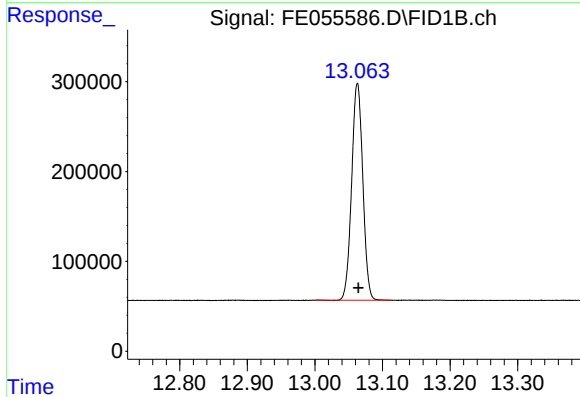
#8 n-Octadecane (C18)

R.T.: 11.748 min
Delta R.T.: -0.002 min
Response: 2814222
Conc: 19.29 ug/ml



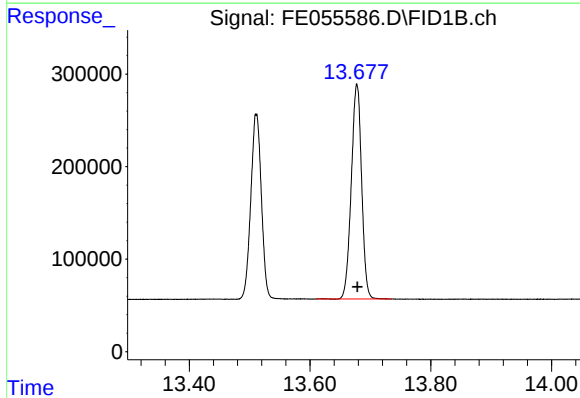
#9 ortho-Terphenyl (SURR)

R.T.: 12.075 min
Delta R.T.: -0.002 min
Response: 3165072
Conc: 19.27 ug/ml



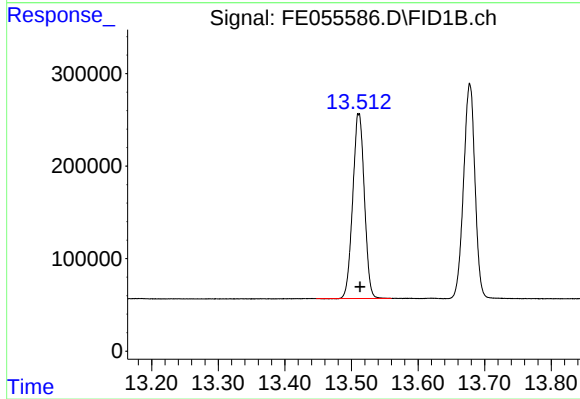
#10 n-Eicosane (C20)

R.T.: 13.063 min
Delta R.T.: -0.001 min
Response: 2772331
Conc: 19.26 ug/ml



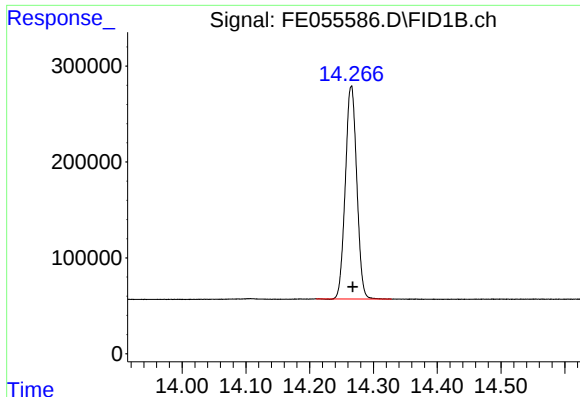
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: -0.001 min
Response: 2758770
Conc: 19.31 ug/ml



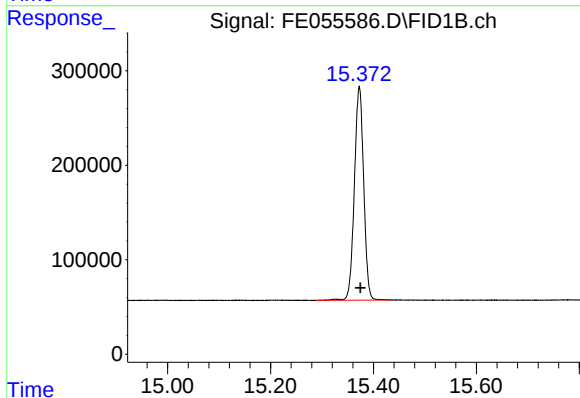
#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.002 min
Response: 2425353
Conc: 19.40 ug/ml



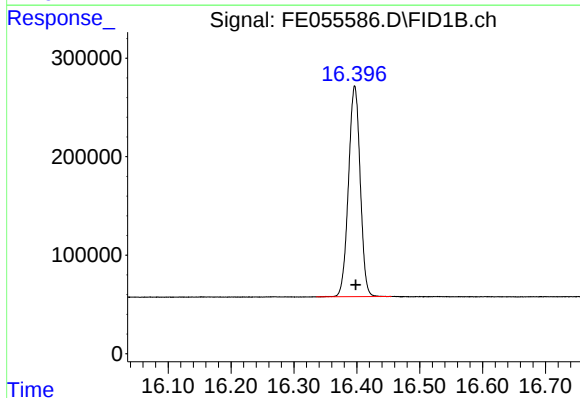
#13 n-Docosane (C22)

R.T.: 14.265 min
Delta R.T.: -0.002 min
Response: 2769132
Conc: 19.35 ug/ml



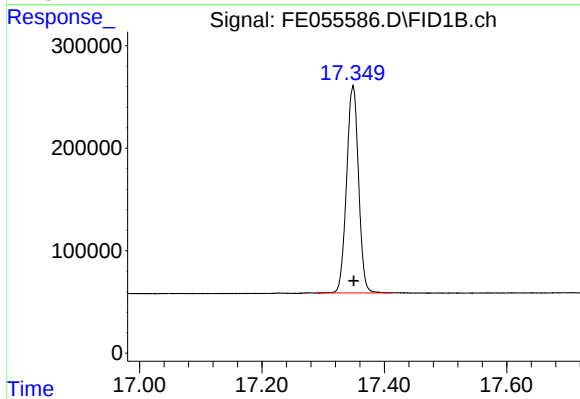
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: -0.002 min
Response: 2834640
Conc: 19.59 ug/ml



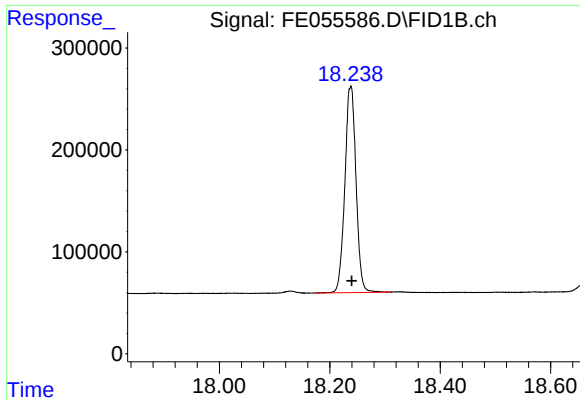
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: -0.002 min
Response: 2768314
Conc: 19.38 ug/ml



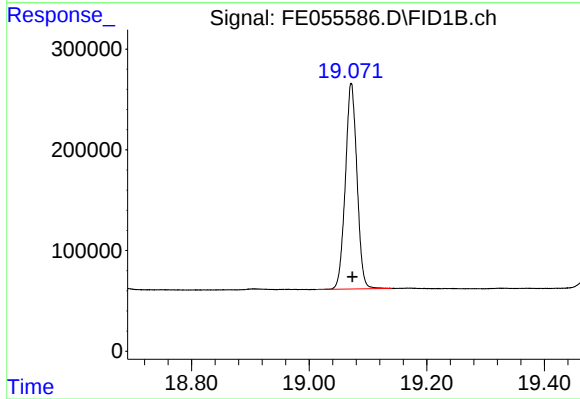
#16 n-Octacosane (C28)

R.T.: 17.349 min
Delta R.T.: -0.002 min
Response: 2744166
Conc: 19.29 ug/ml



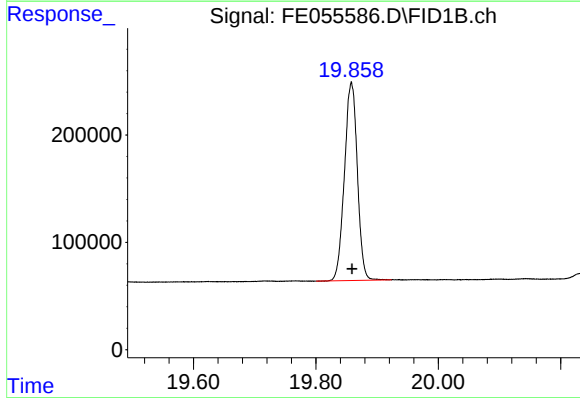
#17 n-Tricontane (C30)

R.T.: 18.238 min
Delta R.T.: -0.002 min
Response: 2836652
Conc: 19.19 ug/ml



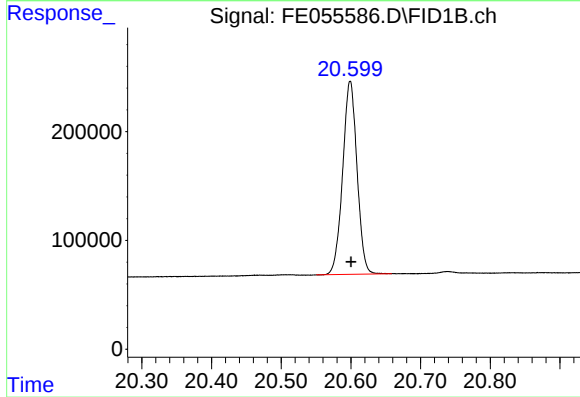
#18 n-Dotriacontane (C32)

R.T.: 19.072 min
Delta R.T.: -0.002 min
Response: 2803846
Conc: 19.10 ug/ml



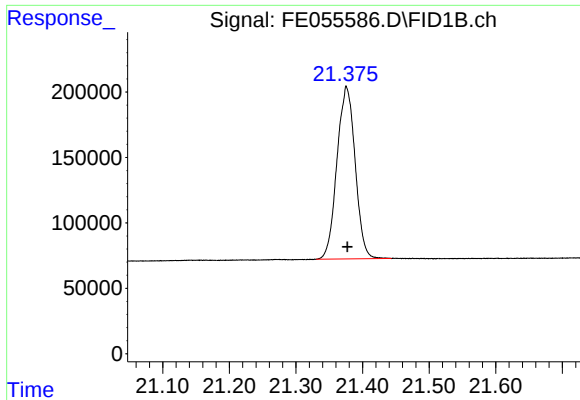
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: -0.001 min
Response: 2703379
Conc: 19.13 ug/ml



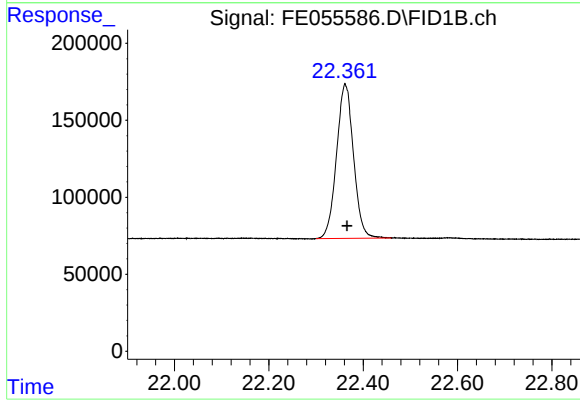
#20 n-Hexatriacontane (C36)

R.T.: 20.599 min
Delta R.T.: -0.002 min
Response: 2539208
Conc: 19.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.376 min
Delta R.T.: -0.001 min
Response: 2499277
Conc: 19.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.362 min
Delta R.T.: -0.004 min
Response: 2500994
Conc: 19.50 ug/ml