

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082925AL\
 Data File : FF016280.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 12:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 01:48:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:35:42 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)	11.977	2788320	19.279 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	13.417	2139499	19.181 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
Target Compounds			
1) T n-Nonane (C9)	3.333	2257011	19.305 ug/ml
2) T n-Decane (C10)	4.594	2292576	19.355 ug/ml
3) T A~Naphthalene (C11.7)	6.303	2535105	19.410 ug/ml
4) T n-Dodecane (C12)	6.771	2331894	19.427 ug/ml
5) T A~2-methylnaphthalene...	7.403	2469524	19.396 ug/ml
6) T n-Tetradecane (C14)	8.604	2333189	19.363 ug/ml
7) T n-Hexadecane (C16)	10.213	2368937	18.969 ug/ml
8) T n-Octadecane (C18)	11.659	2494956	19.261 ug/ml
10) T n-Eicosane (C20)	12.972	2468271	19.303 ug/ml
11) T n-Heneicosane (C21)	13.585	2444994	19.257 ug/ml
13) T n-Docosane (C22)	14.172	2445786	19.264 ug/ml
14) T n-Tetracosane (C24)	15.278	2458996	19.223 ug/ml
15) T n-Hexacosane (C26)	16.301	2396451	19.171 ug/ml
16) T n-Octacosane (C28)	17.254	2340071	19.099 ug/ml
17) T n-Tricontane (C30)	18.144	2332000	18.725 ug/ml
18) T n-Dotriacontane (C32)	18.979	2212518	18.357 ug/ml
19) T n-Tetratriacontane (C34)	19.764	2009890	18.431 ug/ml
20) T n-Hexatriacontane (C36)	20.507	1744002	18.686 ug/ml
21) T n-Octatriacontane (C38)	21.266	1577968	18.763 ug/ml
22) T n-Tetracontane (C40)	22.217	1489504	18.973 ug/ml

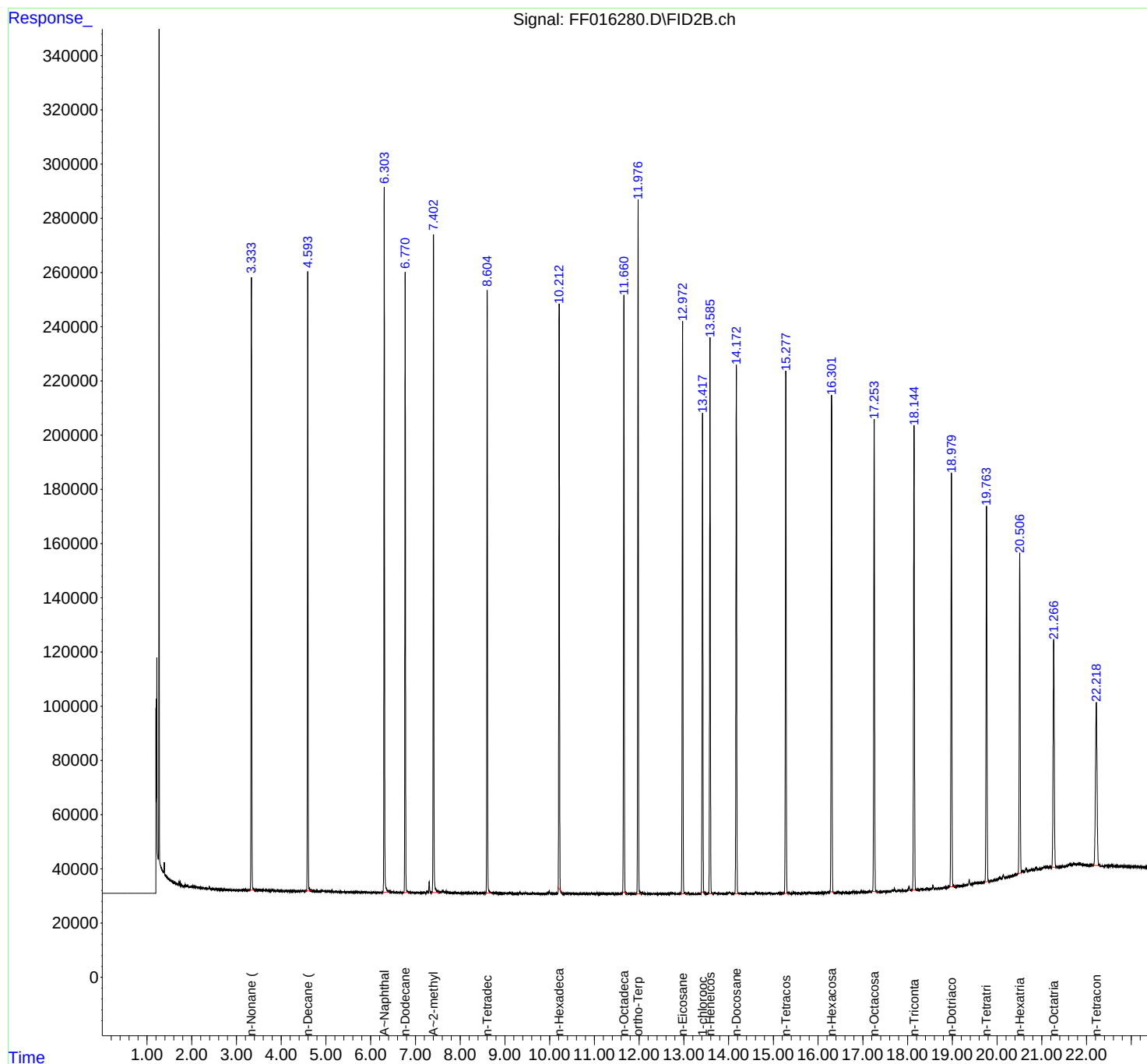
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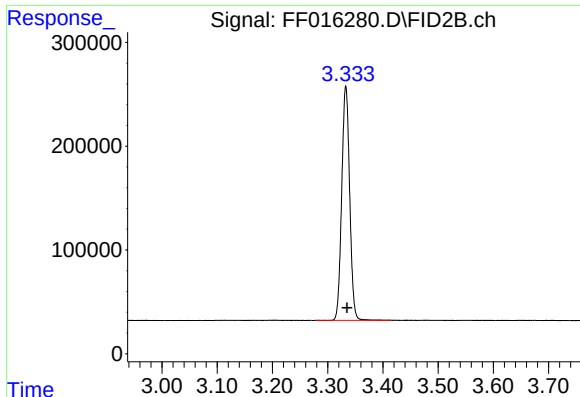
(m)=manual int.

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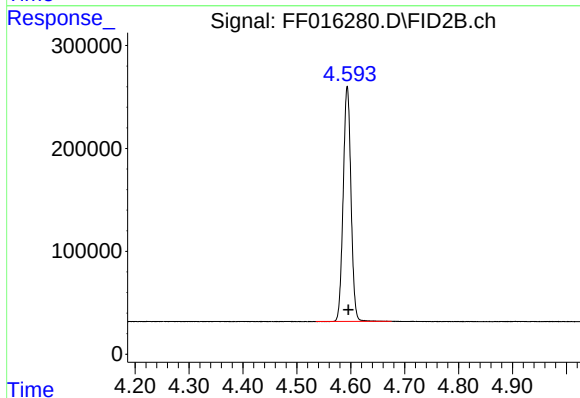
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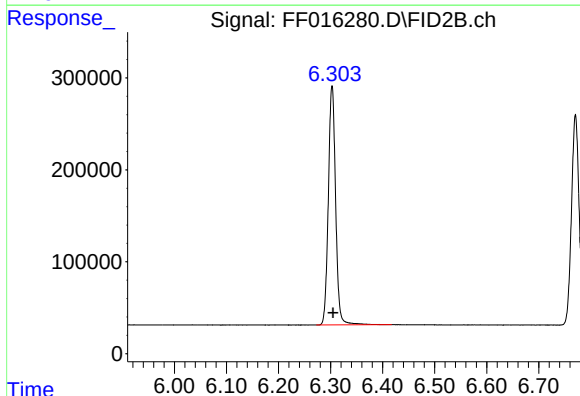
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 2257011
Conc: 19.30 ug/ml



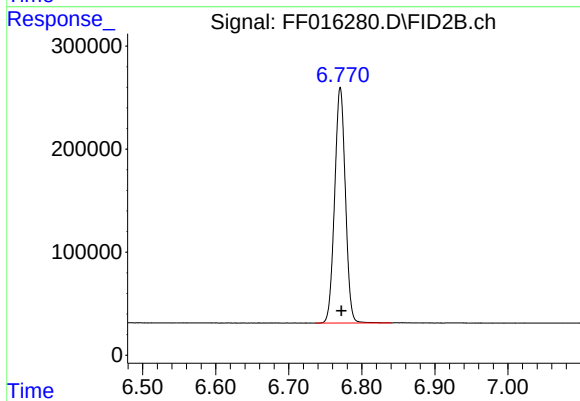
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.002 min
Response: 2292576
Conc: 19.36 ug/ml



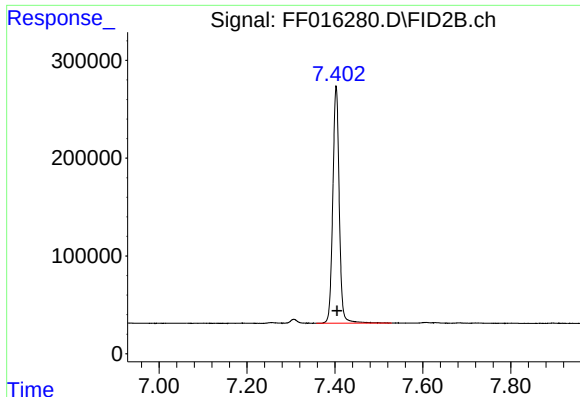
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: -0.002 min
Response: 2535105
Conc: 19.41 ug/ml



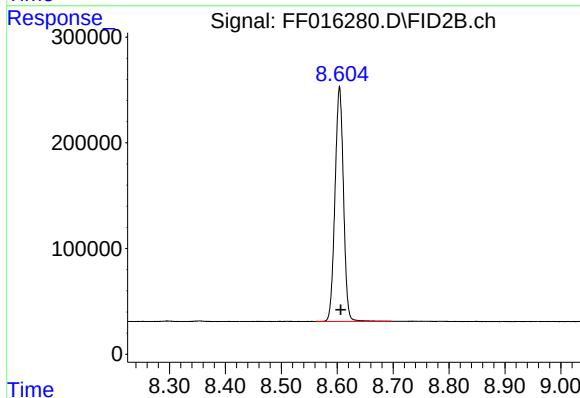
#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 2331894
Conc: 19.43 ug/ml



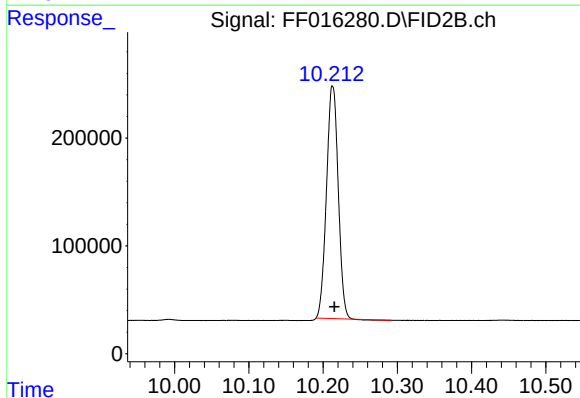
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.403 min
Delta R.T.: -0.002 min
Response: 2469524
Conc: 19.40 ug/ml



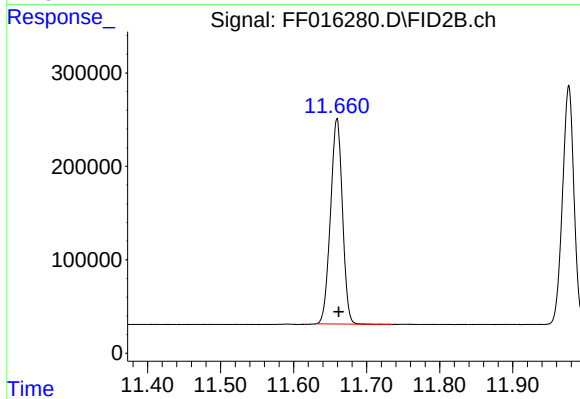
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.002 min
Response: 2333189
Conc: 19.36 ug/ml



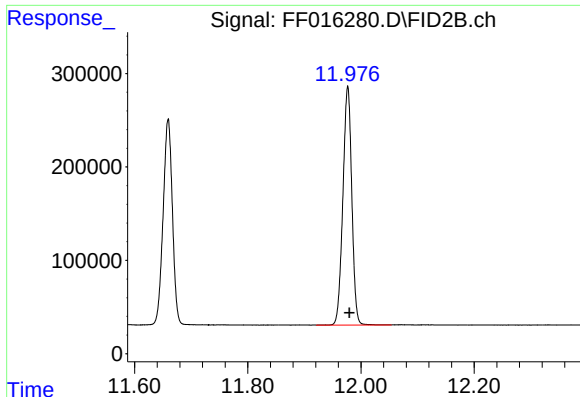
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.002 min
Response: 2368937
Conc: 18.97 ug/ml



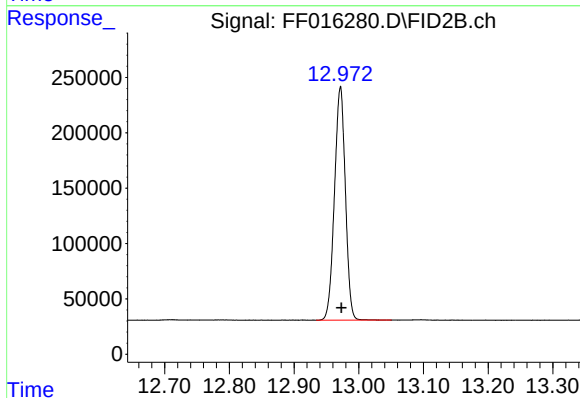
#8 n-Octadecane (C18)

R.T.: 11.659 min
Delta R.T.: -0.003 min
Response: 2494956
Conc: 19.26 ug/ml



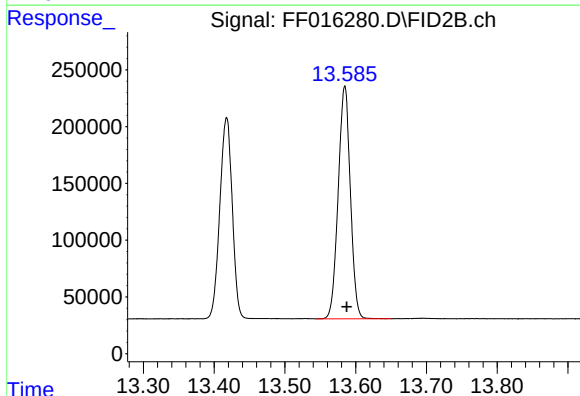
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.003 min
Response: 2788320
Conc: 19.28 ug/ml



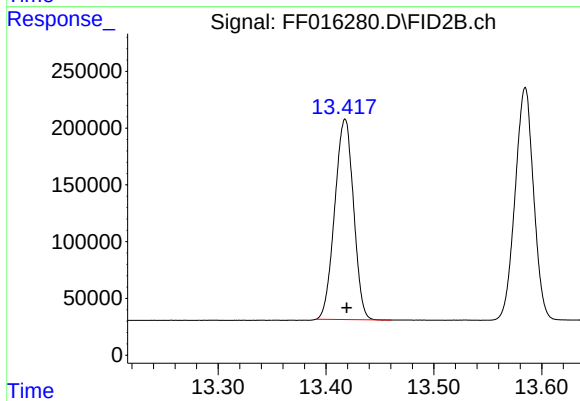
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: -0.002 min
Response: 2468271
Conc: 19.30 ug/ml



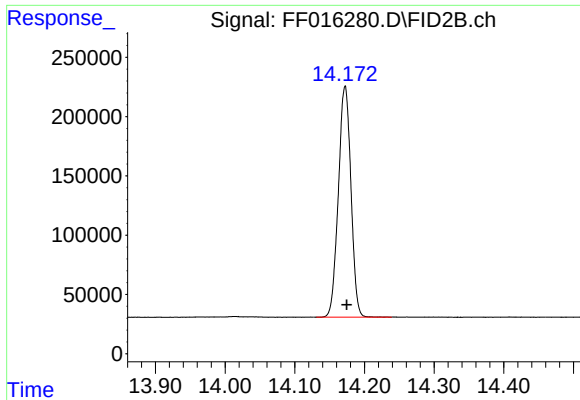
#11 n-Heneicosane (C21)

R.T.: 13.585 min
Delta R.T.: -0.003 min
Response: 2444994
Conc: 19.26 ug/ml



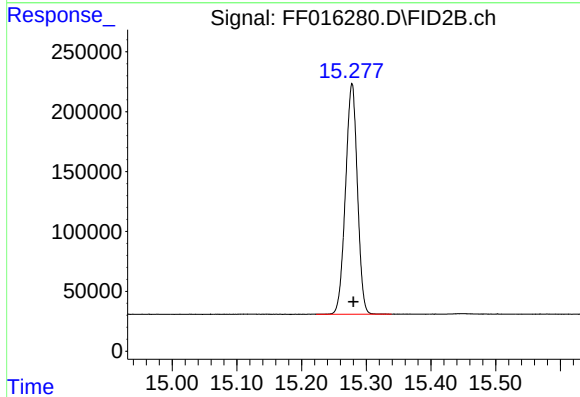
#12 1-chlorooctadecane (SURR)

R.T.: 13.417 min
Delta R.T.: -0.002 min
Response: 2139499
Conc: 19.18 ug/ml



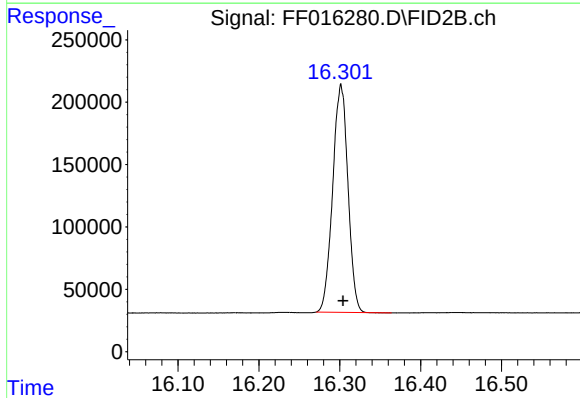
#13 n-Docosane (C22)

R.T.: 14.172 min
Delta R.T.: -0.002 min
Response: 2445786
Conc: 19.26 ug/ml



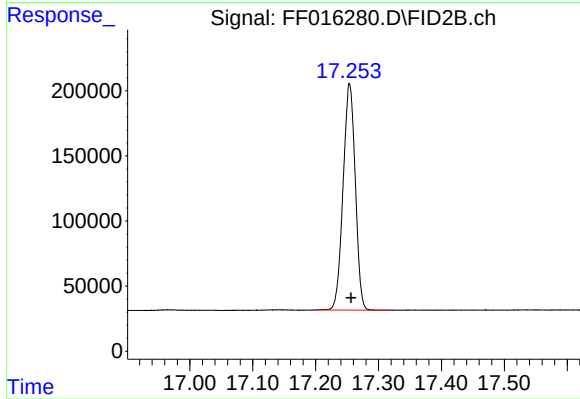
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: -0.002 min
Response: 2458996
Conc: 19.22 ug/ml



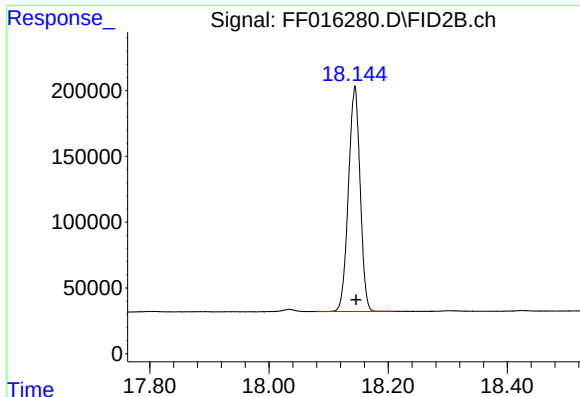
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: -0.003 min
Response: 2396451
Conc: 19.17 ug/ml



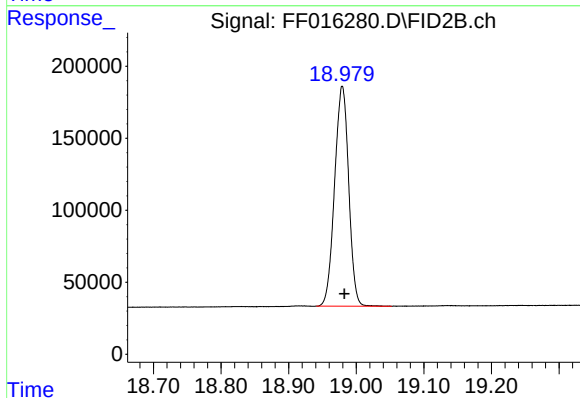
#16 n-Octacosane (C28)

R.T.: 17.254 min
Delta R.T.: -0.002 min
Response: 2340071
Conc: 19.10 ug/ml



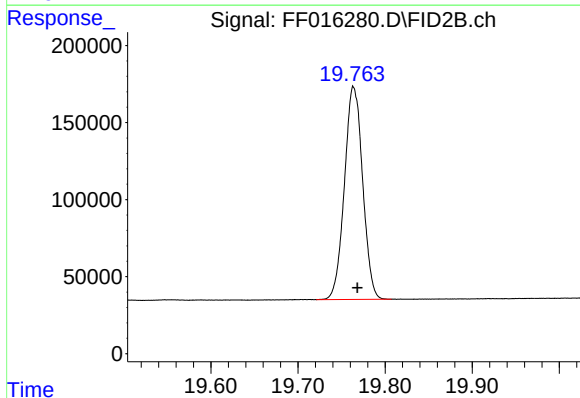
#17 n-Tricontane (C30)

R.T.: 18.144 min
Delta R.T.: -0.002 min
Response: 2332000
Conc: 18.72 ug/ml



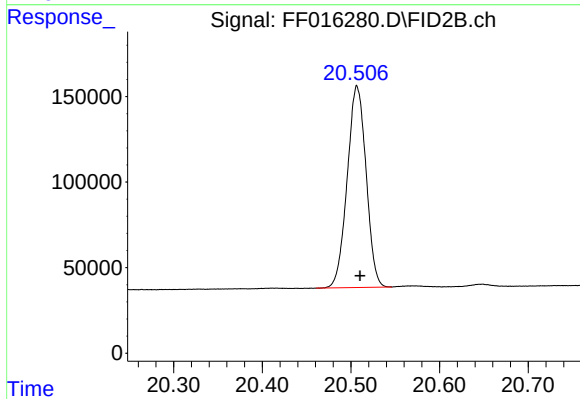
#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: -0.003 min
Response: 2212518
Conc: 18.36 ug/ml



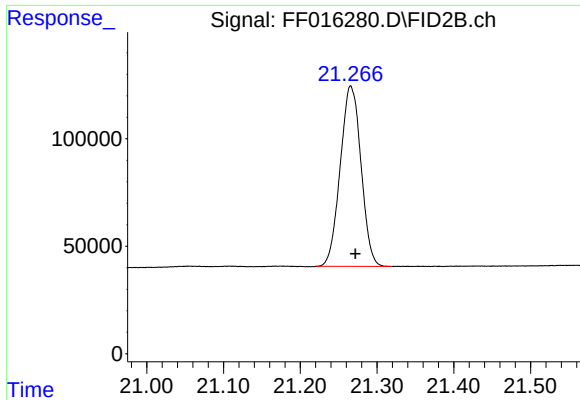
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: -0.004 min
Response: 2009890
Conc: 18.43 ug/ml



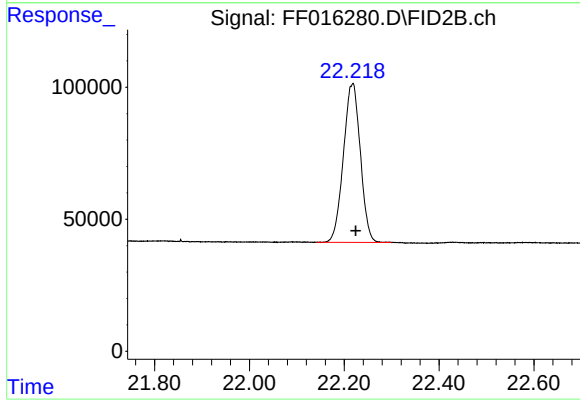
#20 n-Hexatriacontane (C36)

R.T.: 20.507 min
Delta R.T.: -0.003 min
Response: 1744002
Conc: 18.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.266 min
Delta R.T.: -0.006 min
Response: 1577968
Conc: 18.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.217 min
Delta R.T.: -0.007 min
Response: 1489504
Conc: 18.97 ug/ml