

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091925AL\
 Data File : FF016417.D
 Signal(s) : FID2B.ch
 Acq On : 19 Sep 2025 19:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 23:57:10 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)	11.980	2899099	20.045 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
12) S 1-chlorooctadecane (S...	13.420	2224136	19.940 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T n-Nonane (C9)	3.330	2377451	20.335 ug/ml
2) T n-Decane (C10)	4.592	2431380	20.527 ug/ml
3) T A~Naphthalene (C11.7)	6.304	2646802	20.266 ug/ml
4) T n-Dodecane (C12)	6.770	2466654	20.550 ug/ml
5) T A~2-methylnaphthalene...	7.405	2576323	20.235 ug/ml
6) T n-Tetradecane (C14)	8.604	2461306	20.426 ug/ml
7) T n-Hexadecane (C16)	10.215	2515260	20.140 ug/ml
8) T n-Octadecane (C18)	11.661	2624312	20.260 ug/ml
10) T n-Eicosane (C20)	12.974	2554730	19.979 ug/ml
11) T n-Heneicosane (C21)	13.588	2529019	19.919 ug/ml
13) T n-Docosane (C22)	14.176	2516212	19.818 ug/ml
14) T n-Tetracosane (C24)	15.283	2500946	19.551 ug/ml
15) T n-Hexacosane (C26)	16.306	2423240	19.385 ug/ml
16) T n-Octacosane (C28)	17.260	2346344	19.150 ug/ml
17) T n-Tricontane (C30)	18.151	2341247	18.799 ug/ml
18) T n-Dotriacontane (C32)	18.986	2204204	18.288 ug/ml
19) T n-Tetratriacontane (C34)	19.773	1935884	17.752 ug/ml
20) T n-Hexatriacontane (C36)	20.515	1720804	18.437 ug/ml
21) T n-Octatriacontane (C38)	21.279	1594324	18.958 ug/ml
22) T n-Tetracontane (C40)	22.230	1332190	16.969 ug/ml

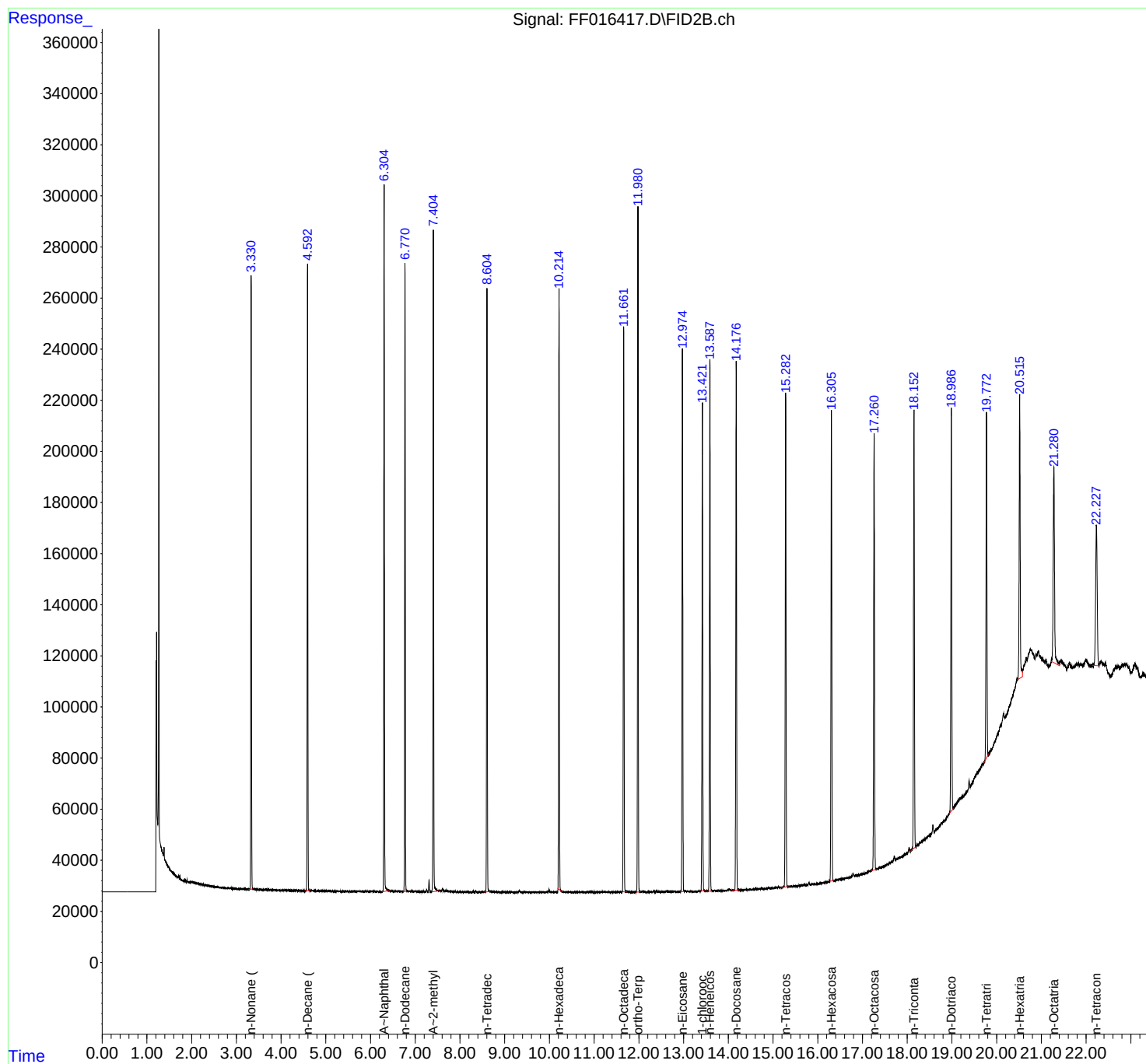
(f)=RT Delta > 1/2 Window

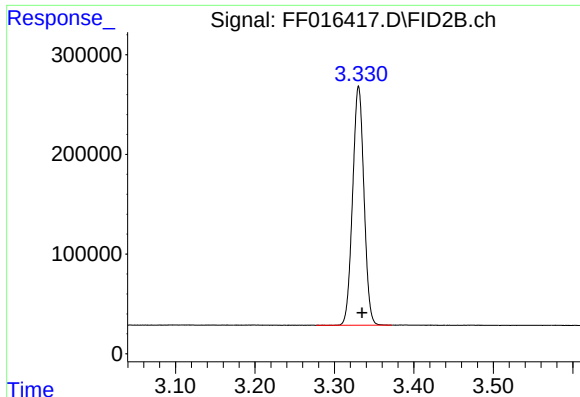
(m)=manual int.

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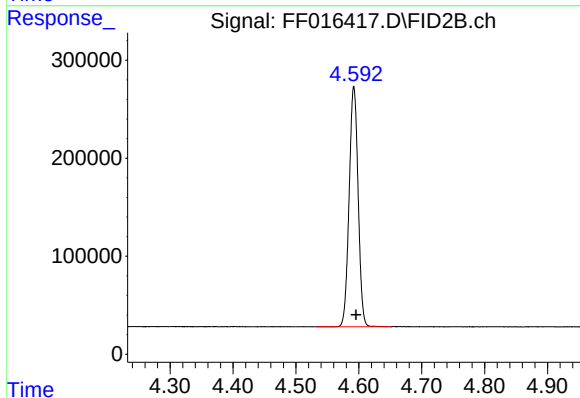
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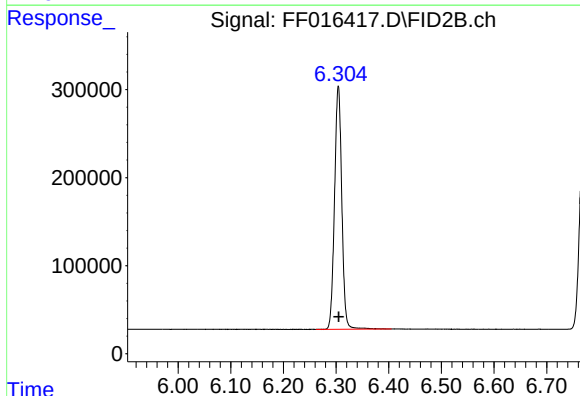
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 2377451
Conc: 20.33 ug/ml



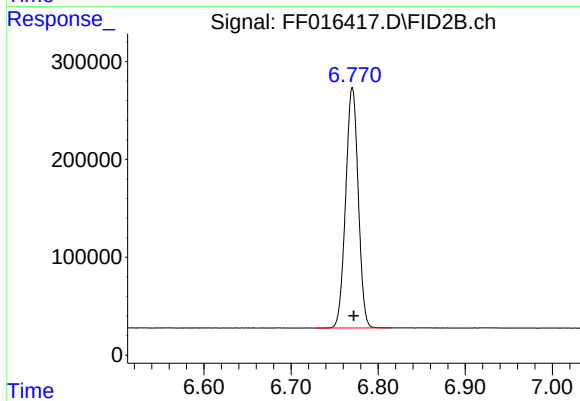
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: -0.004 min
Response: 2431380
Conc: 20.53 ug/ml



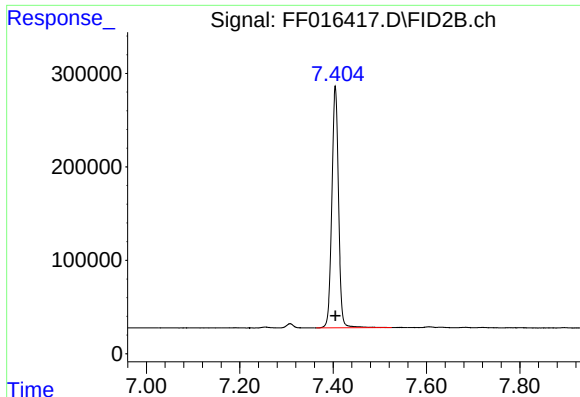
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 2646802
Conc: 20.27 ug/ml



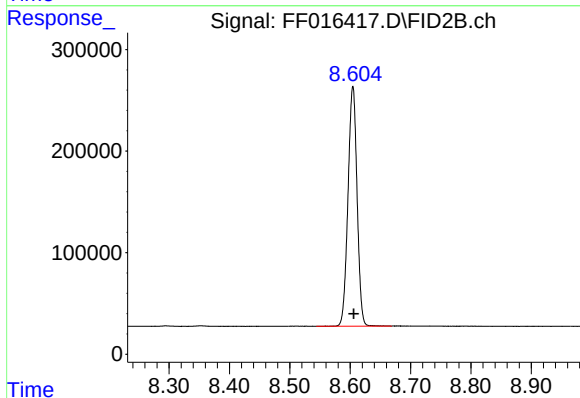
#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 2466654
Conc: 20.55 ug/ml



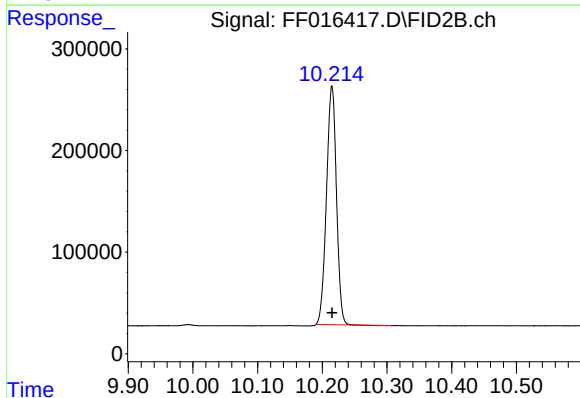
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 2576323
Conc: 20.23 ug/ml



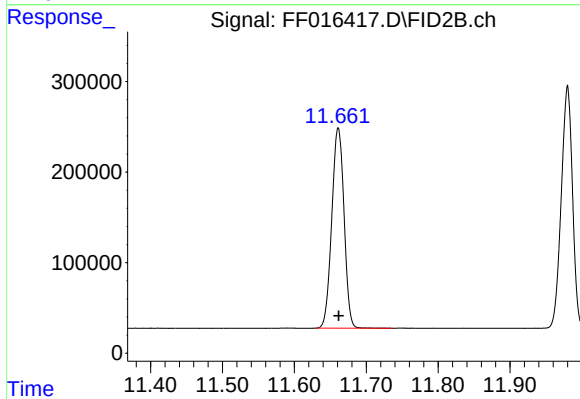
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.002 min
Response: 2461306
Conc: 20.43 ug/ml



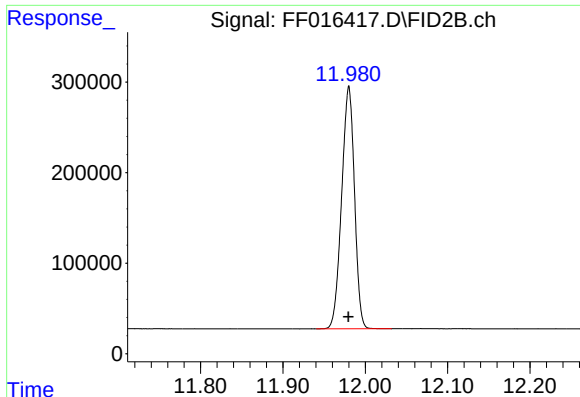
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.000 min
Response: 2515260
Conc: 20.14 ug/ml



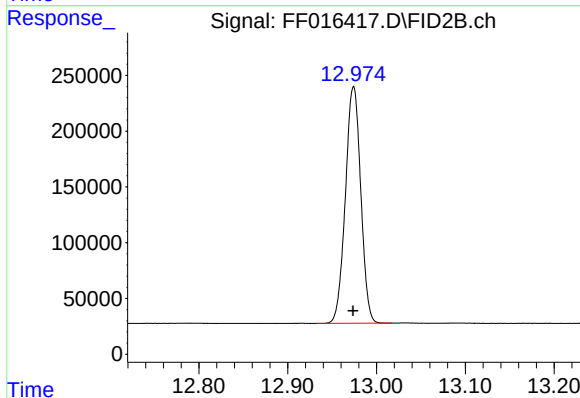
#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 2624312
Conc: 20.26 ug/ml



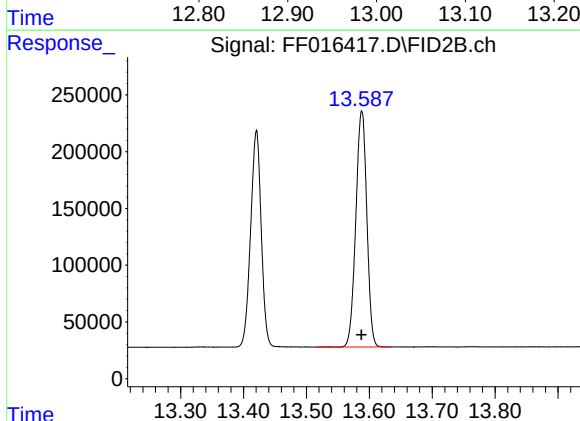
#9 ortho-Terphenyl (SURR)

R.T.: 11.980 min
Delta R.T.: 0.000 min
Response: 2899099
Conc: 20.04 ug/ml



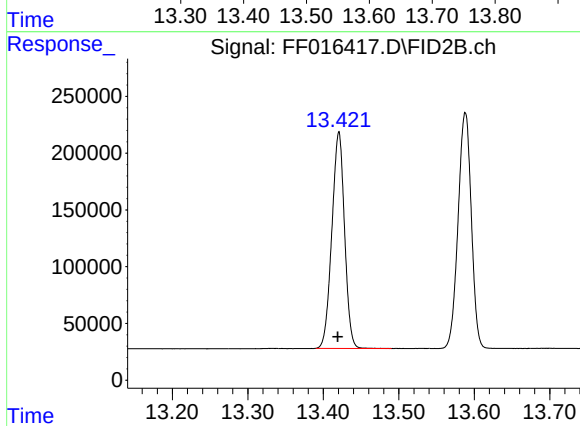
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 2554730
Conc: 19.98 ug/ml



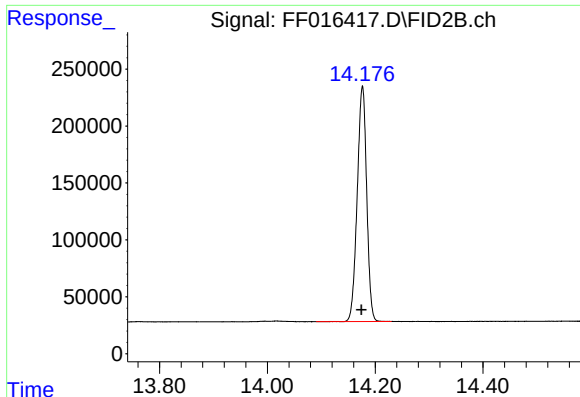
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: 0.000 min
Response: 2529019
Conc: 19.92 ug/ml



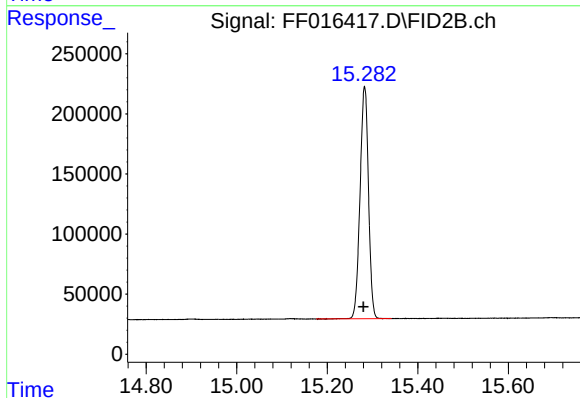
#12 1-chlorooctadecane (SURR)

R.T.: 13.420 min
Delta R.T.: 0.001 min
Response: 2224136
Conc: 19.94 ug/ml



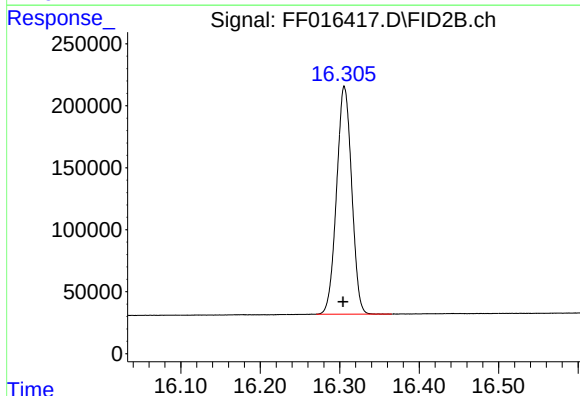
#13 n-Docosane (C22)

R.T.: 14.176 min
Delta R.T.: 0.002 min
Response: 2516212
Conc: 19.82 ug/ml



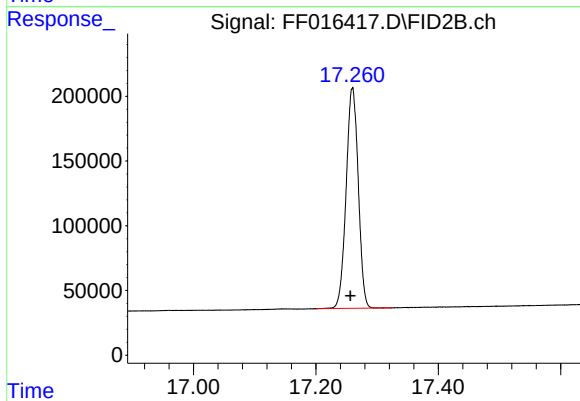
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.002 min
Response: 2500946
Conc: 19.55 ug/ml



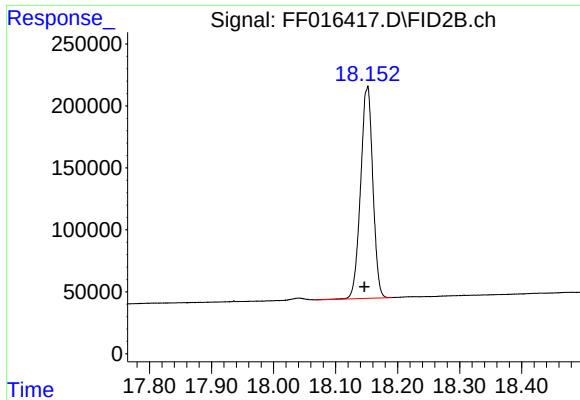
#15 n-Hexacosane (C26)

R.T.: 16.306 min
Delta R.T.: 0.002 min
Response: 2423240
Conc: 19.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.260 min
Delta R.T.: 0.003 min
Response: 2346344
Conc: 19.15 ug/ml



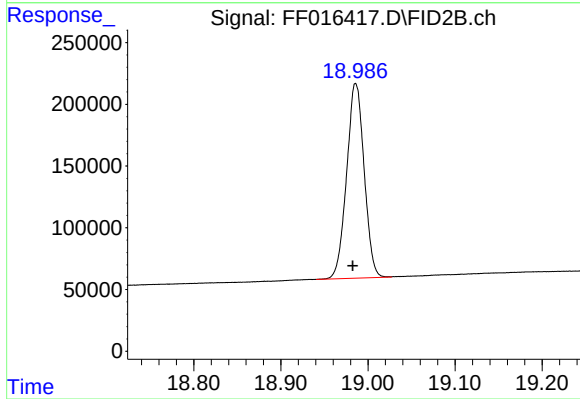
#17 n-Tricontane (C30)

R.T.: 18.151 min

Delta R.T.: 0.005 min

Response: 2341247

Conc: 18.80 ug/ml



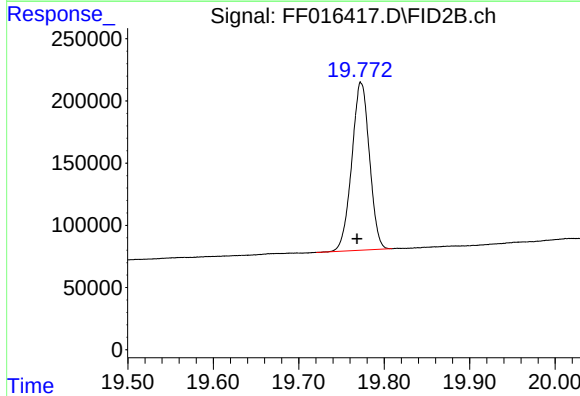
#18 n-Dotriacontane (C32)

R.T.: 18.986 min

Delta R.T.: 0.004 min

Response: 2204204

Conc: 18.29 ug/ml



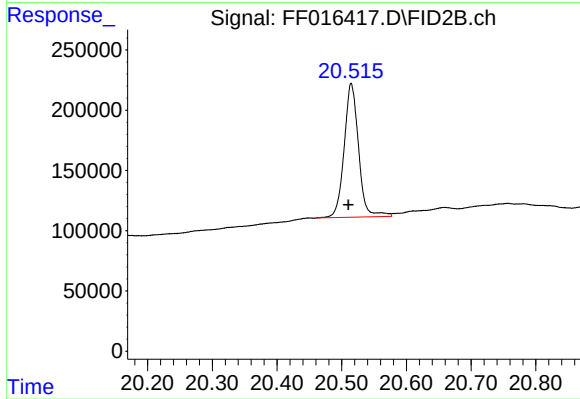
#19 n-Tetratriacontane (C34)

R.T.: 19.773 min

Delta R.T.: 0.005 min

Response: 1935884

Conc: 17.75 ug/ml



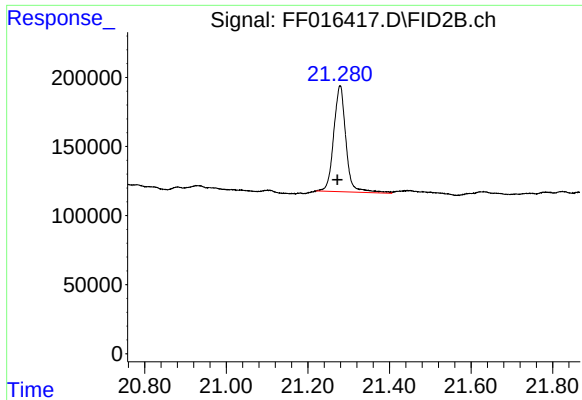
#20 n-Hexatriacontane (C36)

R.T.: 20.515 min

Delta R.T.: 0.005 min

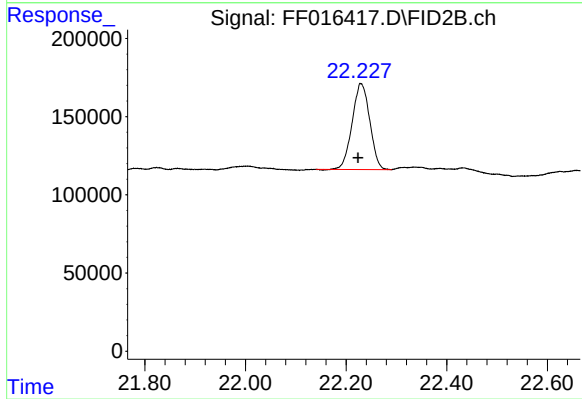
Response: 1720804

Conc: 18.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.279 min
Delta R.T.: 0.007 min
Response: 1594324
Conc: 18.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.230 min
Delta R.T.: 0.006 min
Response: 1332190
Conc: 16.97 ug/ml