

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080922AL\
 Data File : FE036963.D
 Signal(s) : FID1B.ch
 Acq On : 09 Aug 2022 15:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 10 02:12:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 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)	11.829	3853787	20.692 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
12) S 1-chlorooctadecane (S...	13.268	3022662	19.867 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	3.219	3526110	22.873 ug/ml
2) T n-Decane (C10)	4.473	3597209	23.336 ug/ml
3) T A~Naphthalene (C11.7)	6.175	3905142	22.852 ug/ml
4) T n-Dodecane (C12)	6.642	3652201	23.254 ug/ml
5) T A~2-methylnaphthalene...	7.271	3872029	22.529 ug/ml
6) T n-Tetradecane (C14)	8.469	3666560	22.459 ug/ml
7) T n-Hexadecane (C16)	10.074	3596239	21.818 ug/ml
8) T n-Octadecane (C18)	11.517	3576551	21.045 ug/ml
10) T n-Eicosane (C20)	12.825	3454355	20.308 ug/ml
11) T n-Heneicosane (C21)	13.436	3412982	19.941 ug/ml
13) T n-Docosane (C22)	14.023	3340513	19.565 ug/ml
14) T n-Tetracosane (C24)	15.126	3290148	19.301 ug/ml
15) T n-Hexacosane (C26)	16.148	3162985	18.919 ug/ml
16) T n-Octacosane (C28)	17.098	3122178	19.116 ug/ml
17) T n-Tricontane (C30)	17.987	3038459	19.995 ug/ml
18) T n-Dotriacontane (C32)	18.822	2540141	21.120 ug/ml
19) T n-Tetratriacontane (C34)	19.603	1846327	22.171 ug/ml
20) T n-Hexatriacontane (C36)	20.345	1436581	24.466 ug/ml
21) T n-Octatriacontane (C38)	21.065	1249149	24.914 ug/mlm
22) T n-Tetracontane (C40)	21.945	1256006	24.321 ug/mlm

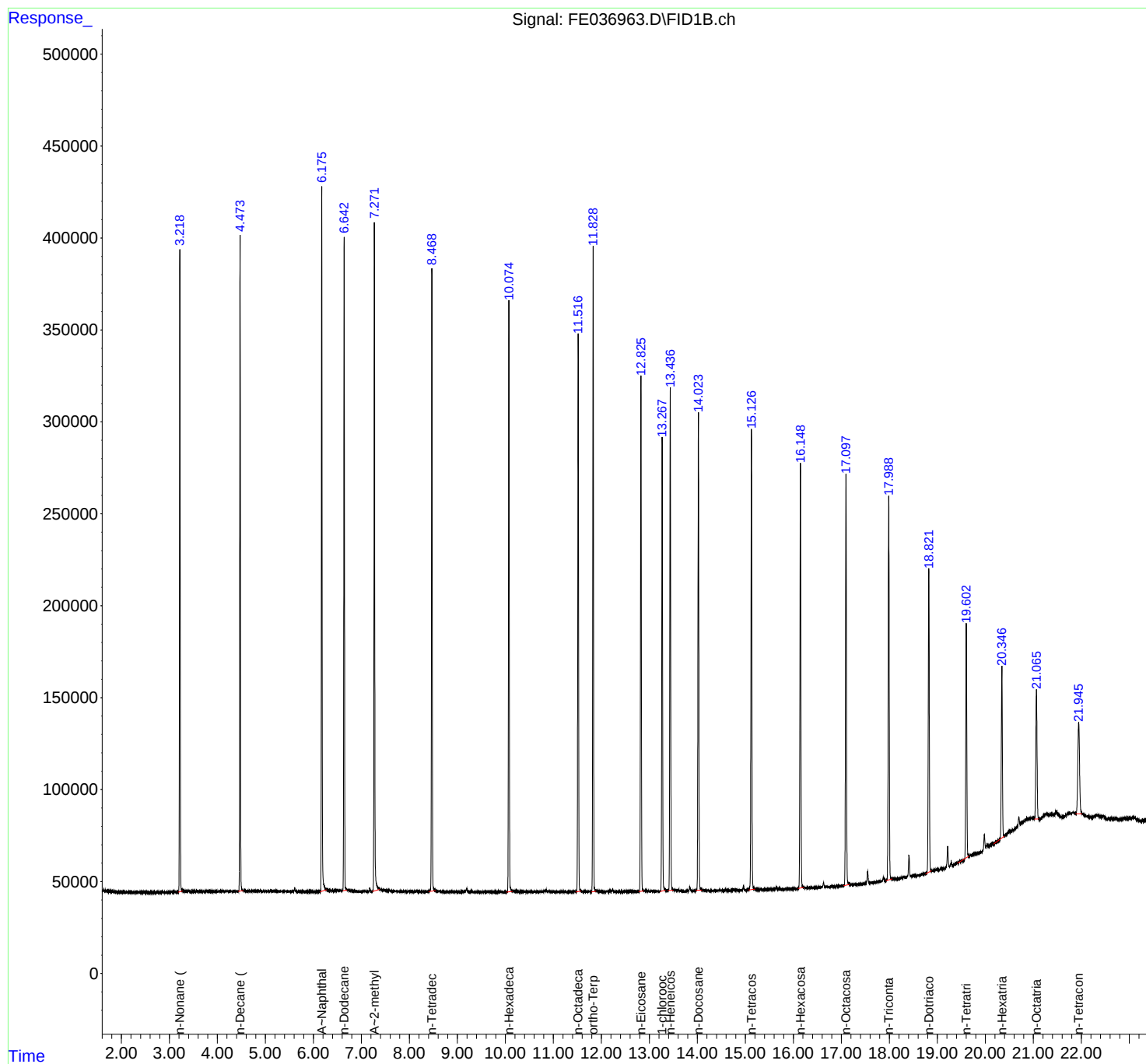
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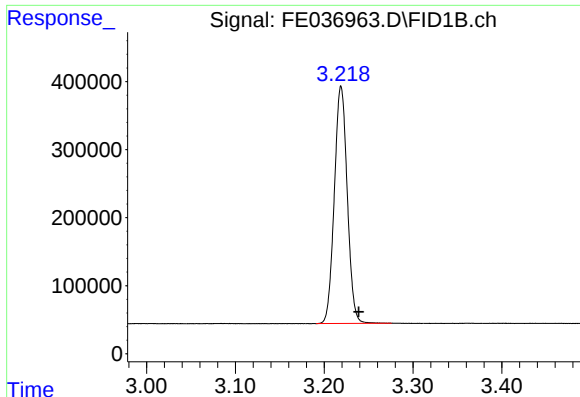
(m)=manual int.

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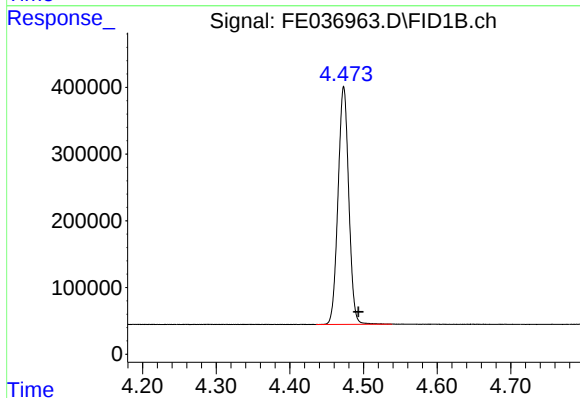
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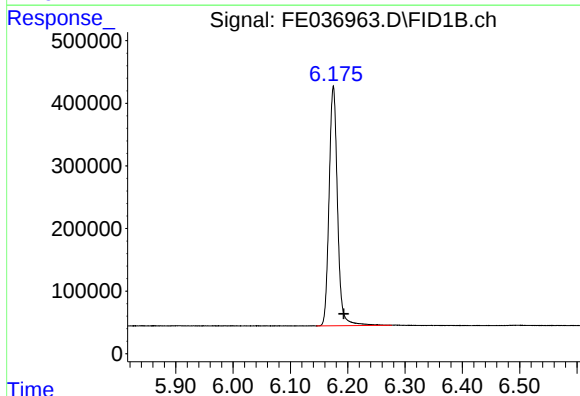
#1 n-Nonane (C9)

R.T.: 3.219 min
Delta R.T.: -0.020 min
Response: 3526110
Conc: 22.87 ug/ml



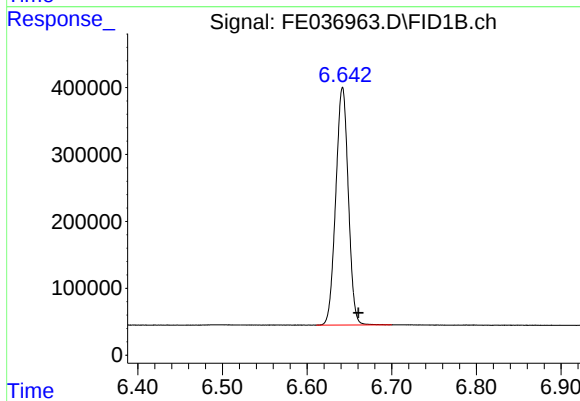
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.020 min
Response: 3597209
Conc: 23.34 ug/ml



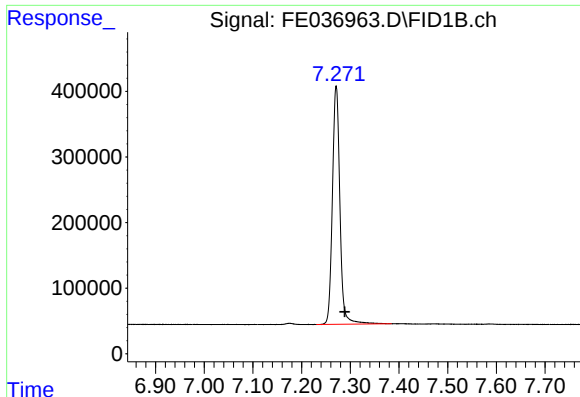
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: -0.018 min
Response: 3905142
Conc: 22.85 ug/ml



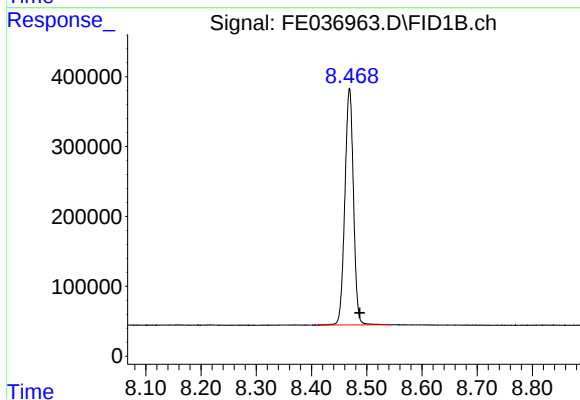
#4 n-Dodecane (C12)

R.T.: 6.642 min
Delta R.T.: -0.019 min
Response: 3652201
Conc: 23.25 ug/ml



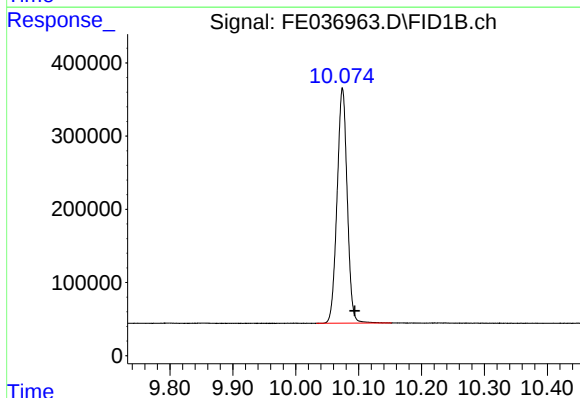
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.271 min
Delta R.T.: -0.017 min
Response: 3872029
Conc: 22.53 ug/ml



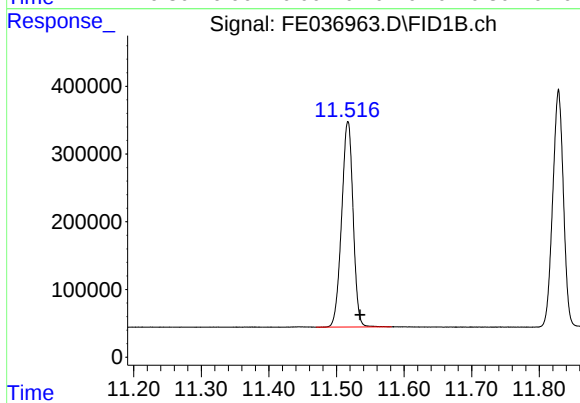
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: -0.018 min
Response: 3666560
Conc: 22.46 ug/ml



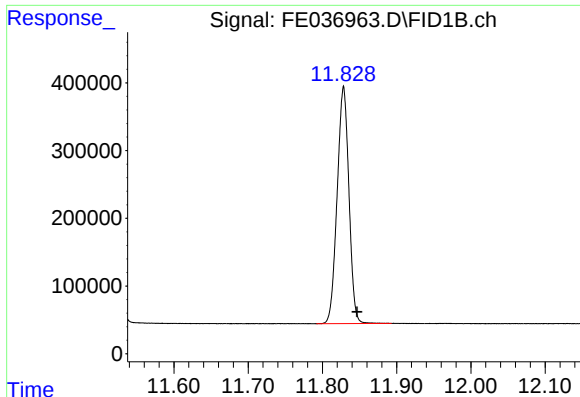
#7 n-Hexadecane (C16)

R.T.: 10.074 min
Delta R.T.: -0.019 min
Response: 3596239
Conc: 21.82 ug/ml



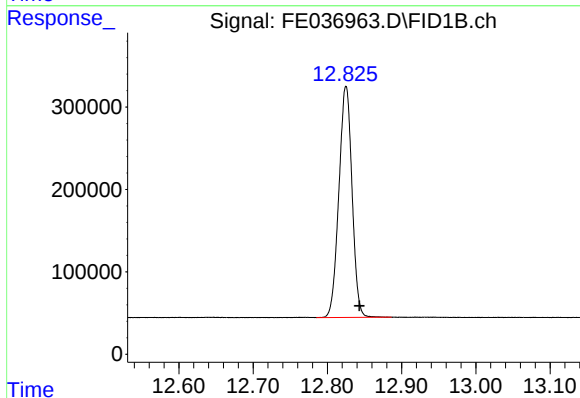
#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.018 min
Response: 3576551
Conc: 21.04 ug/ml



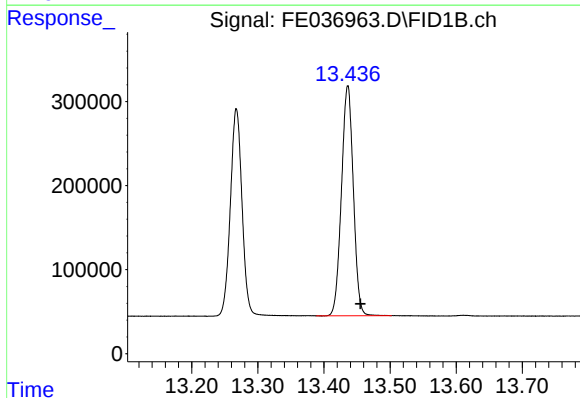
#9 ortho-Terphenyl (SURR)

R.T.: 11.829 min
Delta R.T.: -0.018 min
Response: 3853787
Conc: 20.69 ug/ml



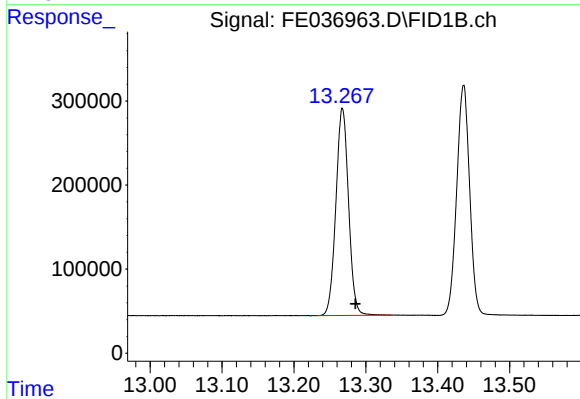
#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.018 min
Response: 3454355
Conc: 20.31 ug/ml



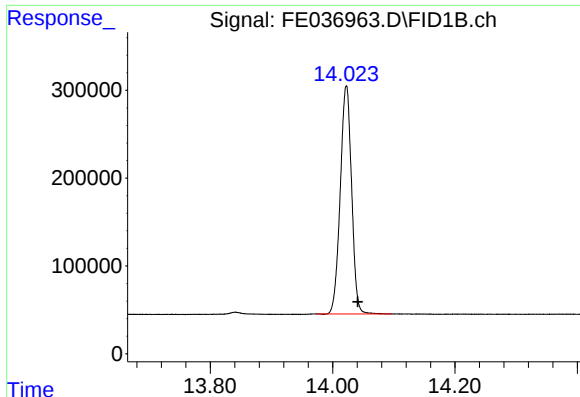
#11 n-Heneicosane (C21)

R.T.: 13.436 min
Delta R.T.: -0.019 min
Response: 3412982
Conc: 19.94 ug/ml



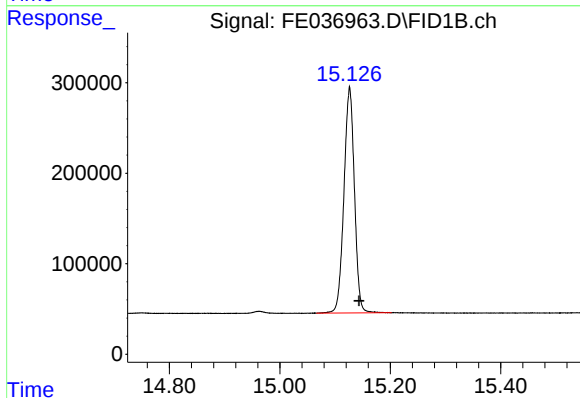
#12 1-chlorooctadecane (SURR)

R.T.: 13.268 min
Delta R.T.: -0.018 min
Response: 3022662
Conc: 19.87 ug/ml



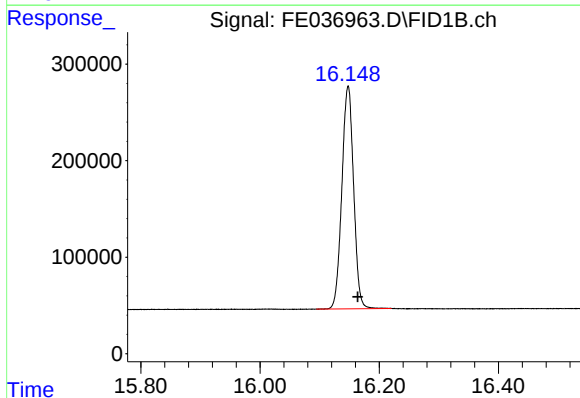
#13 n-Docosane (C22)

R.T.: 14.023 min
Delta R.T.: -0.019 min
Response: 3340513
Conc: 19.57 ug/ml



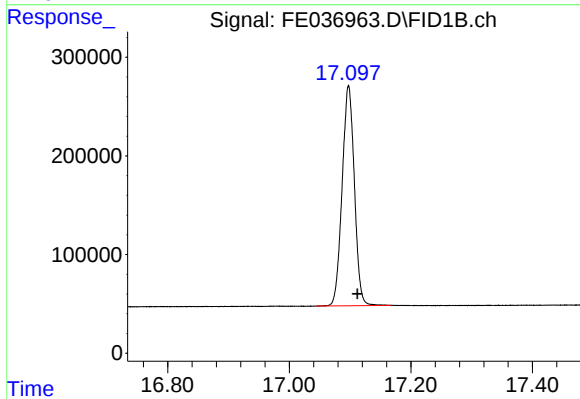
#14 n-Tetracosane (C24)

R.T.: 15.126 min
Delta R.T.: -0.017 min
Response: 3290148
Conc: 19.30 ug/ml



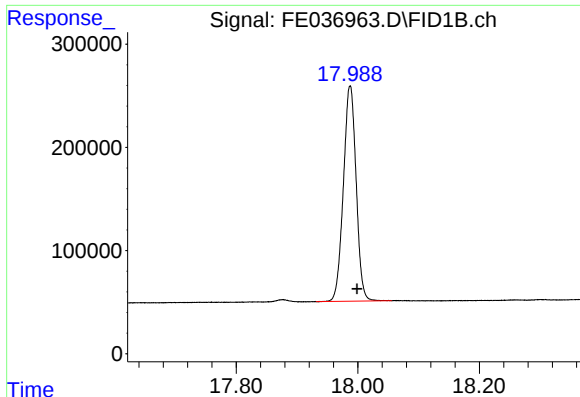
#15 n-Hexacosane (C26)

R.T.: 16.148 min
Delta R.T.: -0.016 min
Response: 3162985
Conc: 18.92 ug/ml



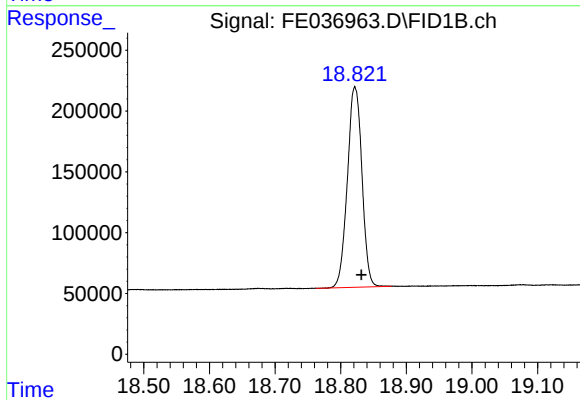
#16 n-Octacosane (C28)

R.T.: 17.098 min
Delta R.T.: -0.015 min
Response: 3122178
Conc: 19.12 ug/ml



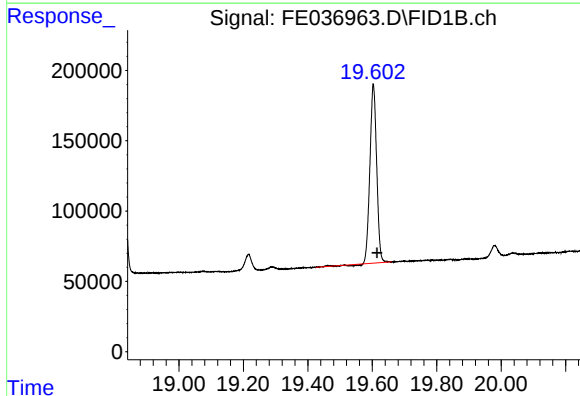
#17 n-Tricontane (C30)

R.T.: 17.987 min
Delta R.T.: -0.011 min
Response: 3038459
Conc: 20.00 ug/ml



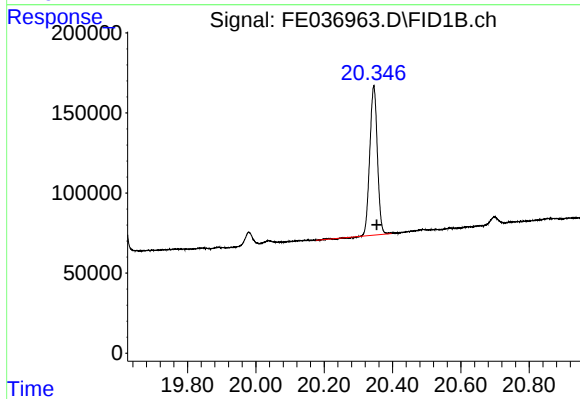
#18 n-Dotriacontane (C32)

R.T.: 18.822 min
Delta R.T.: -0.010 min
Response: 2540141
Conc: 21.12 ug/ml



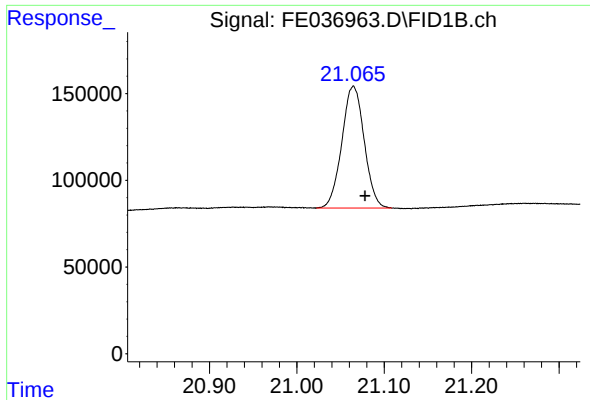
#19 n-Tetratriacontane (C34)

R.T.: 19.603 min
Delta R.T.: -0.011 min
Response: 1846327
Conc: 22.17 ug/ml



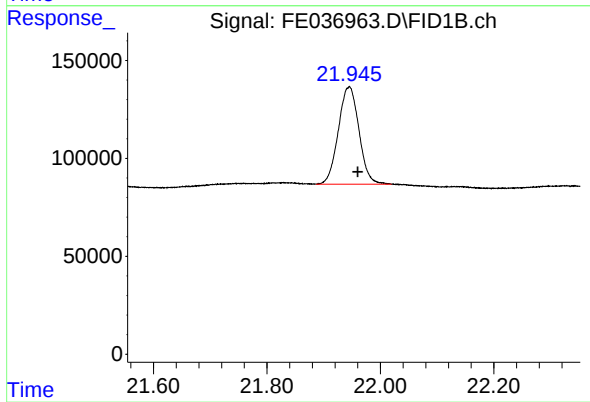
#20 n-Hexatriacontane (C36)

R.T.: 20.345 min
Delta R.T.: -0.009 min
Response: 1436581
Conc: 24.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.065 min
Delta R.T.: -0.014 min
Response: 1249149
Conc: 24.91 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.945 min
Delta R.T.: -0.015 min
Response: 1256006
Conc: 24.32 ug/ml m