

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013024AL\
 Data File : FE046479.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jan 2024 23:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 31 02:08:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 Qlast Update : Thu Jan 25 14:56:03 2024
 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)	11.819	3604838	19.495 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
12) S 1-chlorooctadecane (S...	13.261	2725214	19.154 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T n-Nonane (C9)	3.208	3321927	20.566 ug/ml
2) T n-Decane (C10)	4.458	3426608	20.909 ug/ml
3) T A~Naphthalene (C11.7)	6.162	3568348	20.868 ug/ml
4) T n-Dodecane (C12)	6.626	3443895	20.820 ug/ml
5) T A~2-methylnaphthalene...	7.259	3400787	21.323 ug/ml
6) T n-Tetradecane (C14)	8.452	3362308	20.515 ug/ml
7) T n-Hexadecane (C16)	10.061	3445175	20.161 ug/ml
8) T n-Octadecane (C18)	11.505	3446905	19.771 ug/ml
10) T n-Eicosane (C20)	12.815	3276976	19.301 ug/ml
11) T n-Heneicosane (C21)	13.428	3199540	19.183 ug/ml
13) T n-Docosane (C22)	14.014	3165674	19.109 ug/ml
14) T n-Tetracosane (C24)	15.119	3117958	18.896 ug/ml
15) T n-Hexacosane (C26)	16.142	3048717	18.889 ug/ml
16) T n-Octacosane (C28)	17.093	2985847	19.020 ug/ml
17) T n-Tricontane (C30)	17.982	3021190	19.288 ug/ml
18) T n-Dotriacontane (C32)	18.817	2938476	19.440 ug/ml
19) T n-Tetratriacontane (C34)	19.603	2789065	19.664 ug/ml
20) T n-Hexatriacontane (C36)	20.344	2588148	18.776 ug/ml
21) T n-Octatriacontane (C38)	21.071	2501344	19.512 ug/ml
22) T n-Tetracontane (C40)	21.962	2552935	20.417 ug/ml

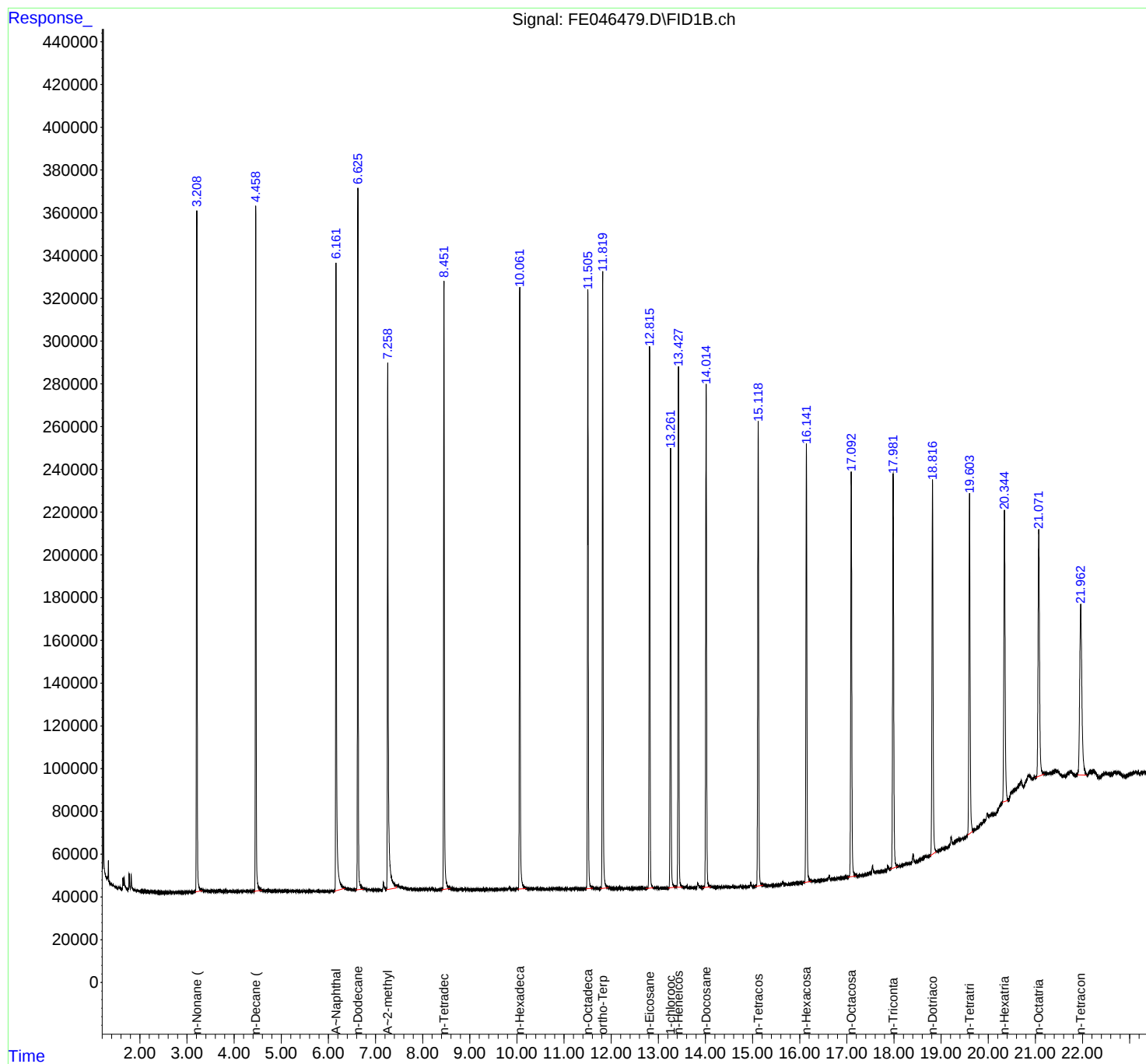
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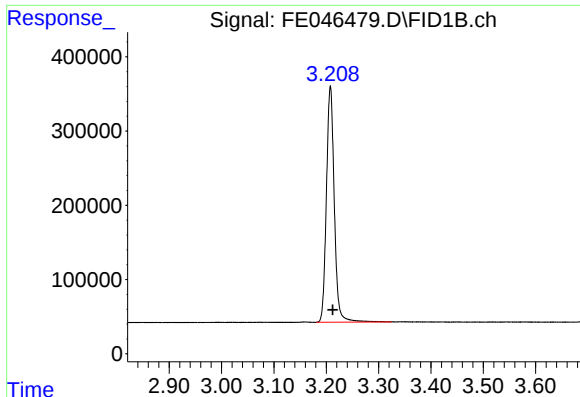
(m)=manual int.

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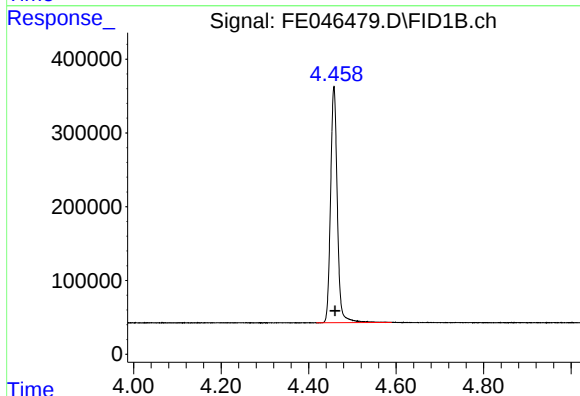
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





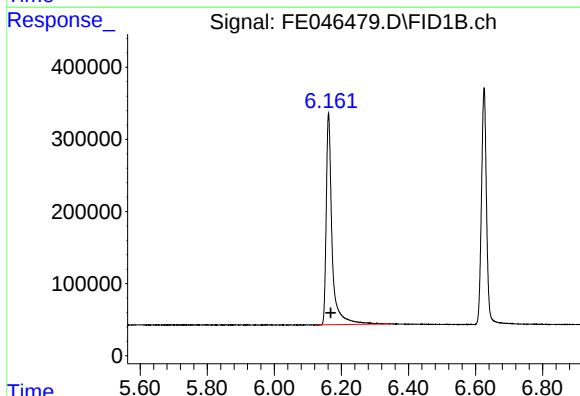
#1 n-Nonane (C9)

R.T.: 3.208 min
Delta R.T.: -0.004 min
Response: 3321927
Conc: 20.57 ug/ml



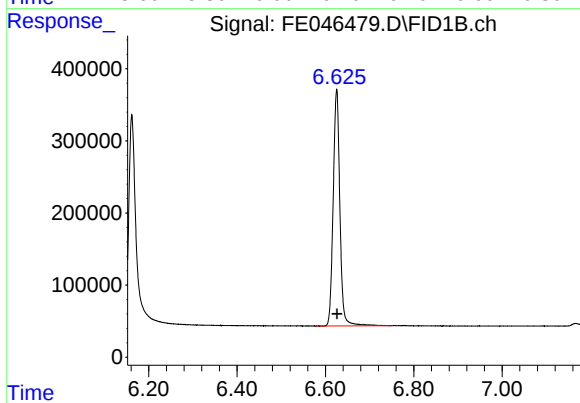
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: -0.003 min
Response: 3426608
Conc: 20.91 ug/ml



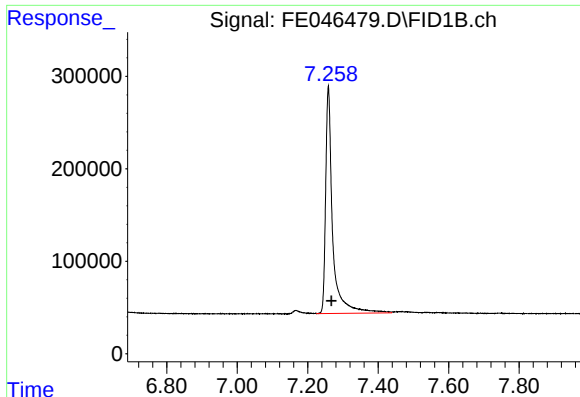
#3 A~Naphthalene (C11.7)

R.T.: 6.162 min
Delta R.T.: -0.007 min
Response: 3568348
Conc: 20.87 ug/ml



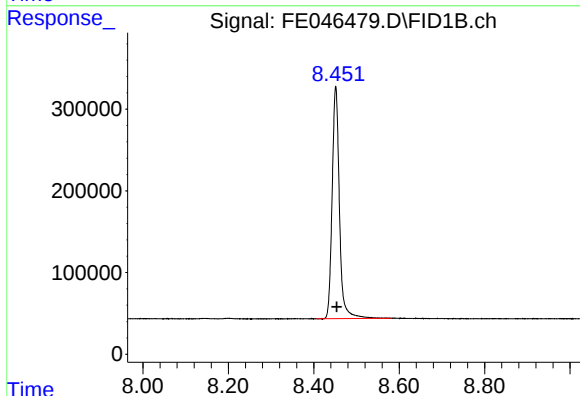
#4 n-Dodecane (C12)

R.T.: 6.626 min
Delta R.T.: -0.001 min
Response: 3443895
Conc: 20.82 ug/ml



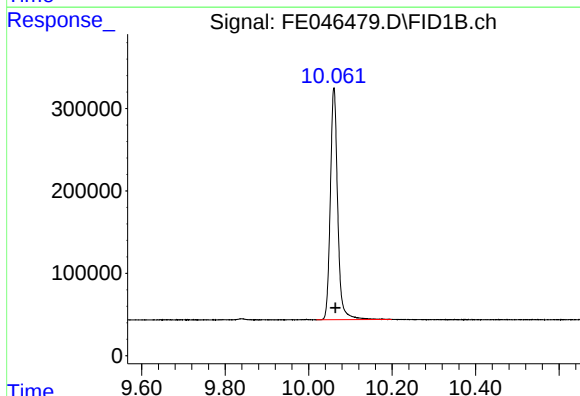
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.259 min
Delta R.T.: -0.009 min
Response: 3400787
Conc: 21.32 ug/ml



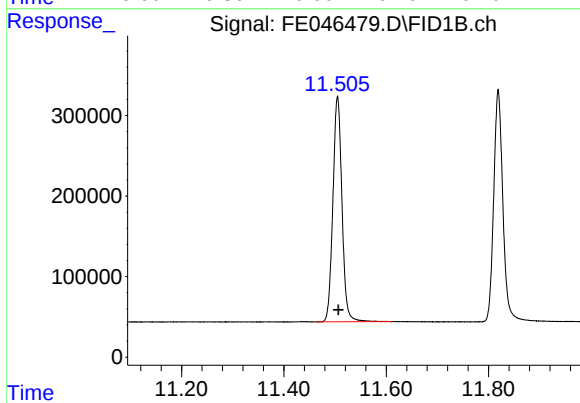
#6 n-Tetradecane (C14)

R.T.: 8.452 min
Delta R.T.: -0.002 min
Response: 3362308
Conc: 20.51 ug/ml



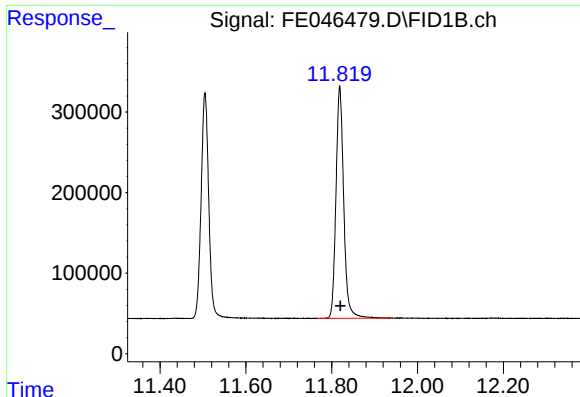
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.003 min
Response: 3445175
Conc: 20.16 ug/ml



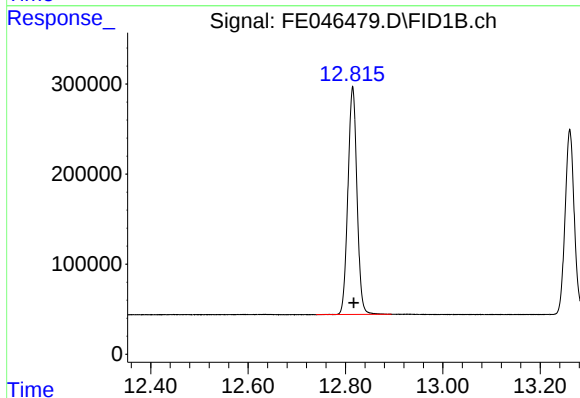
#8 n-Octadecane (C18)

R.T.: 11.505 min
Delta R.T.: -0.002 min
Response: 3446905
Conc: 19.77 ug/ml



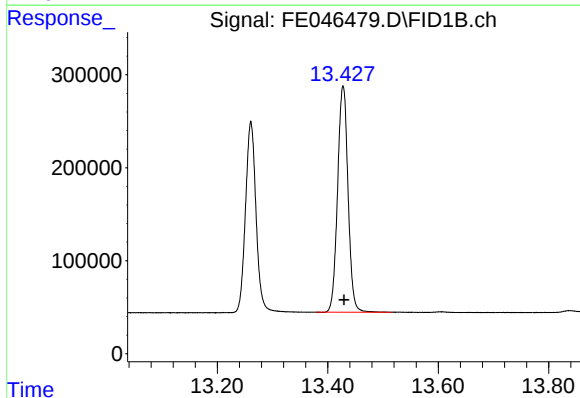
#9 ortho-Terphenyl (SURR)

R.T.: 11.819 min
Delta R.T.: -0.002 min
Response: 3604838
Conc: 19.50 ug/ml



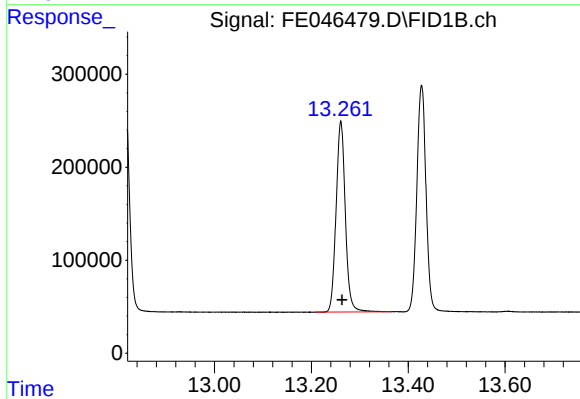
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 3276976
Conc: 19.30 ug/ml



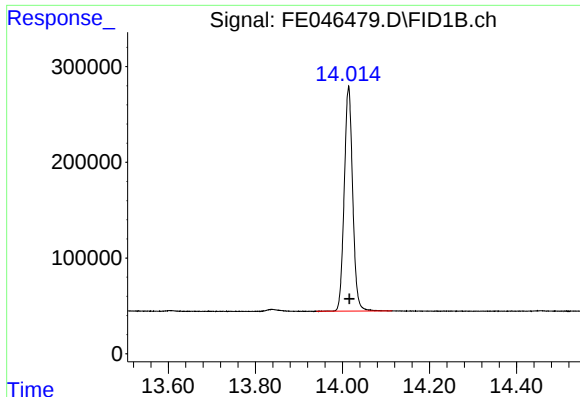
#11 n-Heneicosane (C21)

R.T.: 13.428 min
Delta R.T.: -0.001 min
Response: 3199540
Conc: 19.18 ug/ml



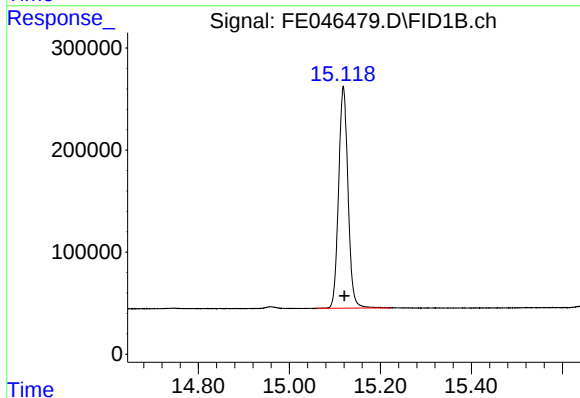
#12 1-chlorooctadecane (SURR)

R.T.: 13.261 min
Delta R.T.: -0.003 min
Response: 2725214
Conc: 19.15 ug/ml



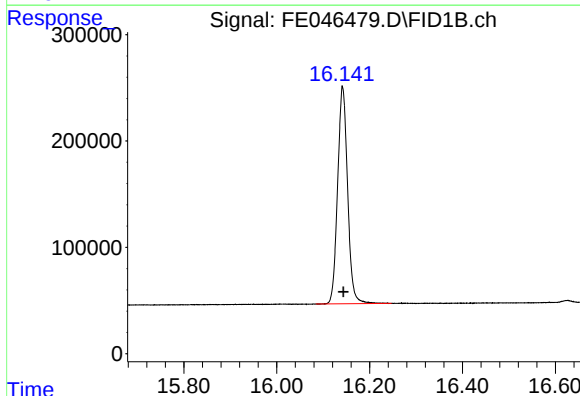
#13 n-Docosane (C22)

R.T.: 14.014 min
Delta R.T.: -0.002 min
Response: 3165674
Conc: 19.11 ug/ml



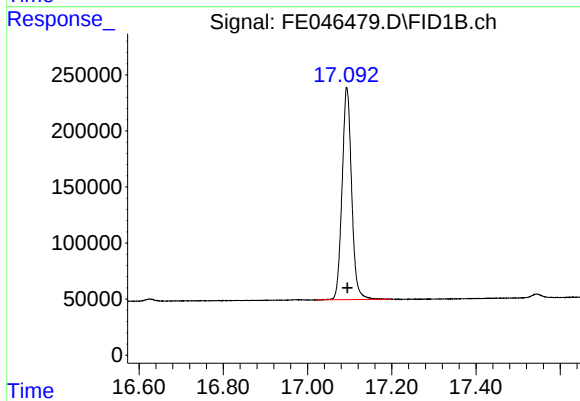
#14 n-Tetracosane (C24)

R.T.: 15.119 min
Delta R.T.: -0.002 min
Response: 3117958
Conc: 18.90 ug/ml



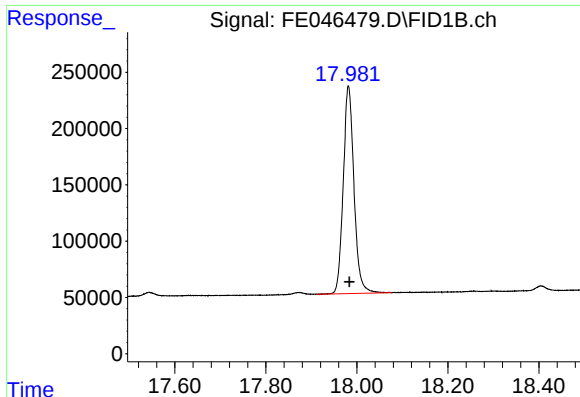
#15 n-Hexacosane (C26)

R.T.: 16.142 min
Delta R.T.: -0.002 min
Response: 3048717
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.093 min
Delta R.T.: -0.001 min
Response: 2985847
Conc: 19.02 ug/ml



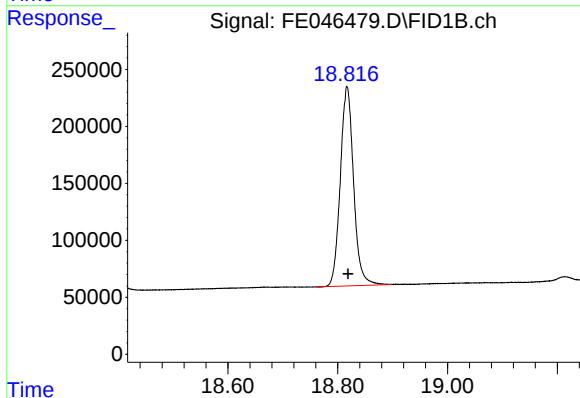
#17 n-Tricontane (C30)

R.T.: 17.982 min

Delta R.T.: -0.002 min

Response: 3021190

Conc: 19.29 ug/ml



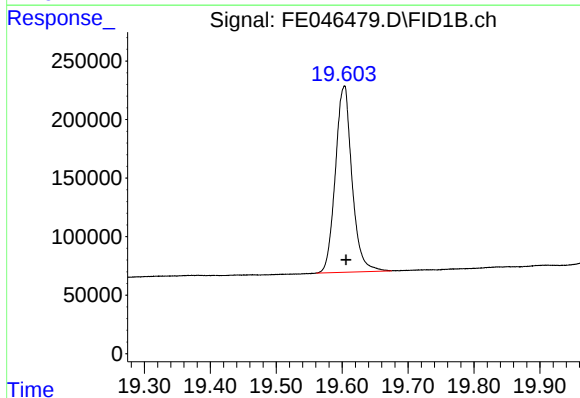
#18 n-Dotriacontane (C32)

R.T.: 18.817 min

Delta R.T.: -0.002 min

Response: 2938476

Conc: 19.44 ug/ml



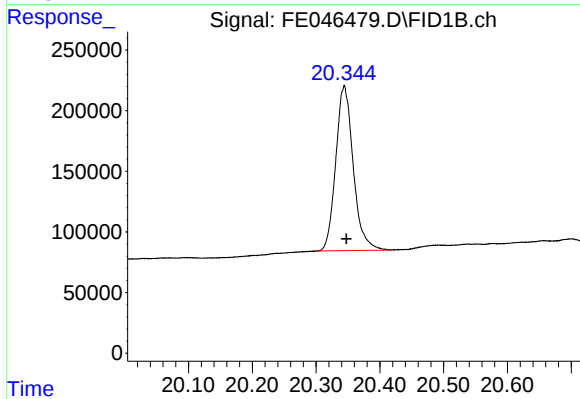
#19 n-Tetratriacontane (C34)

R.T.: 19.603 min

Delta R.T.: -0.002 min

Response: 2789065

Conc: 19.66 ug/ml



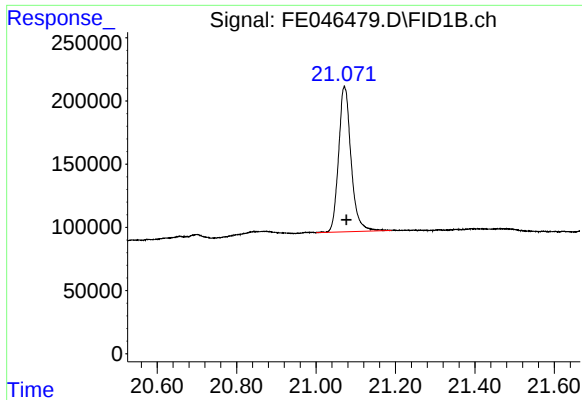
#20 n-Hexatriacontane (C36)

R.T.: 20.344 min

Delta R.T.: -0.003 min

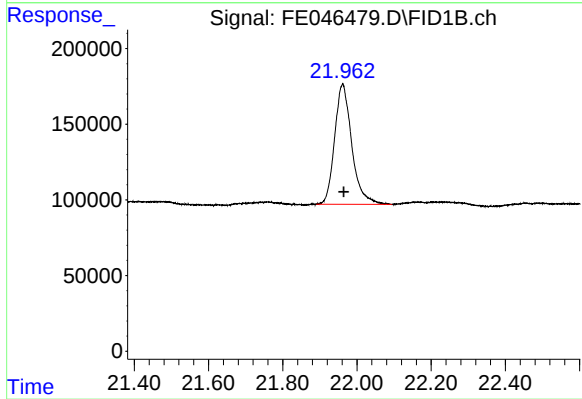
Response: 2588148

Conc: 18.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.005 min
Response: 2501344
Conc: 19.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.003 min
Response: 2552935
Conc: 20.42 ug/ml