

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021624AL\
 Data File : FE046829.D
 Signal(s) : FID1B.ch
 Acq On : 16 Feb 2024 15:15
 Operator : YP\AJ
 Sample : PB159069BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 00:32:32 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)	11.798	7090059	38.343 ug/ml
Spiked Amount 50.000		Recovery =	76.69%
12) S 1-chlorooctadecane (S...	13.239	6553081	46.059 ug/ml
Spiked Amount 50.000		Recovery =	92.12%
Target Compounds			
1) T n-Nonane (C9)	3.204	6005737	37.181 ug/ml
2) T n-Decane (C10)	4.446	6138630	37.457 ug/ml
3) T A~Naphthalene (C11.7)	6.144	7216118	42.200 ug/ml
4) T n-Dodecane (C12)	6.608	6882512	41.608 ug/ml
5) T A~2-methylnaphthalene...	7.239	7205824	45.180 ug/ml
6) T n-Tetradecane (C14)	8.435	7523229	45.902 ug/ml
7) T n-Hexadecane (C16)	10.042	7954035	46.548 ug/ml
8) T n-Octadecane (C18)	11.485	8082888	46.363 ug/ml
10) T n-Eicosane (C20)	12.796	7927257	46.690 ug/ml
11) T n-Heneicosane (C21)	13.407	7668674	45.978 ug/ml
13) T n-Docosane (C22)	13.994	7448753	44.962 ug/ml
14) T n-Tetracosane (C24)	15.096	17302274	104.860 ug/ml
15) T n-Hexacosane (C26)	16.120	7227616	44.780 ug/ml
16) T n-Octacosane (C28)	17.070	10394977	66.218 ug/mlm
17) T n-Tricontane (C30)	17.959	7185426	45.875 ug/ml
18) T n-Dotriacontane (C32)	18.791	8489274	56.161 ug/mlm
19) T n-Tetratriacontane (C34)	19.574	6878503	48.496 ug/mlm
20) T n-Hexatriacontane (C36)	20.315	6572020	47.678 ug/mlm
21) T n-Octatriacontane (C38)	21.038	6712066	52.358 ug/mlm
22) T n-Tetracontane (C40)	21.916	6774549	54.181 ug/mlm

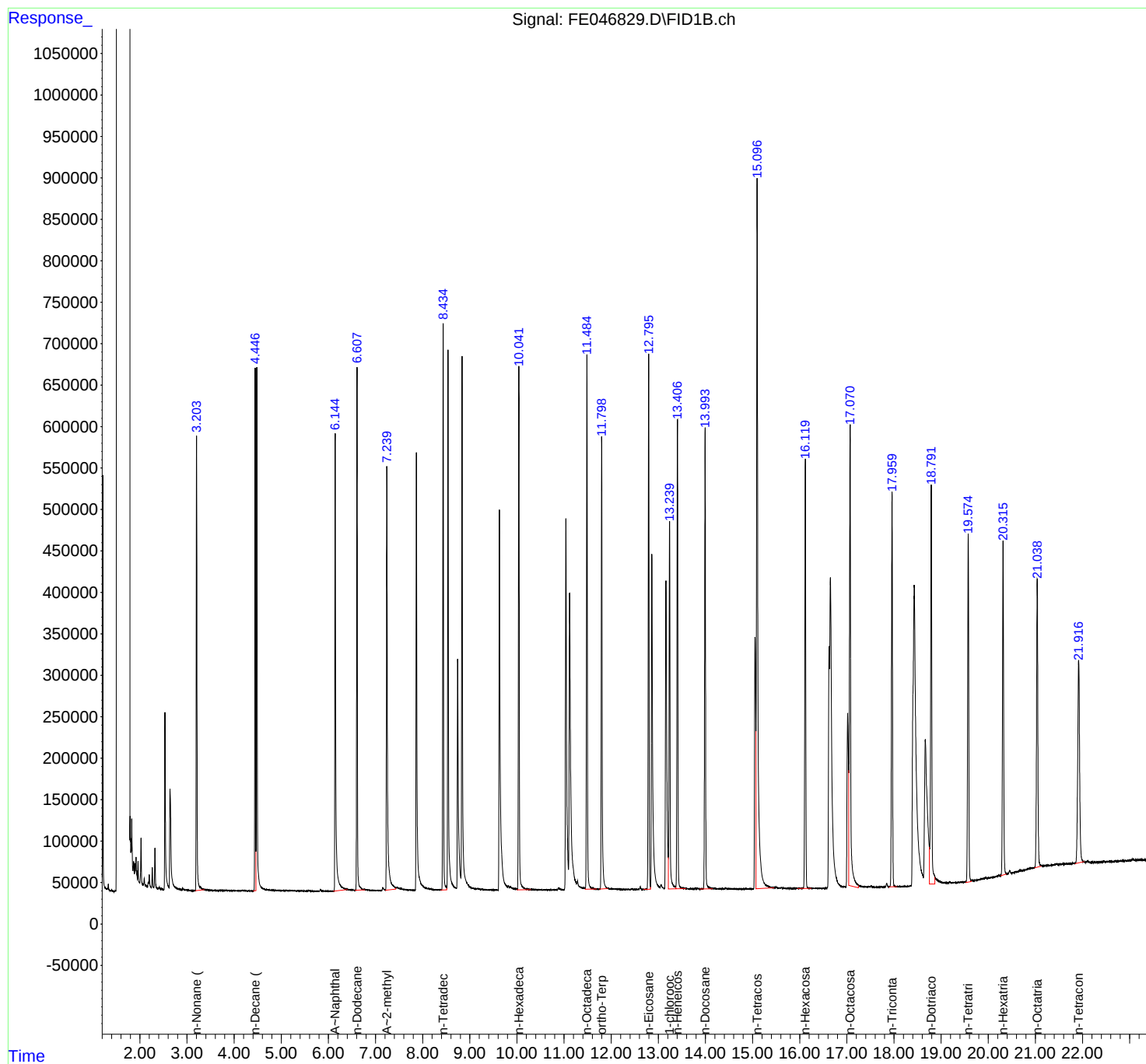
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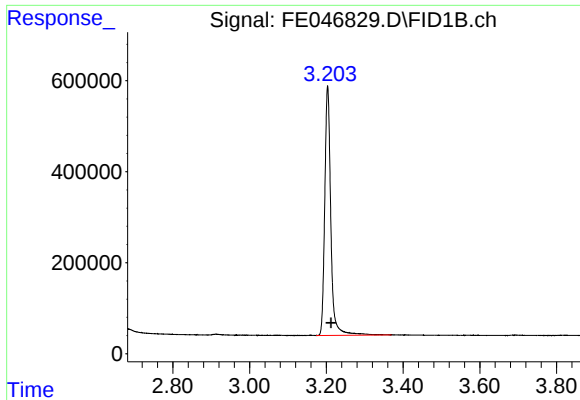
(m)=manual int.

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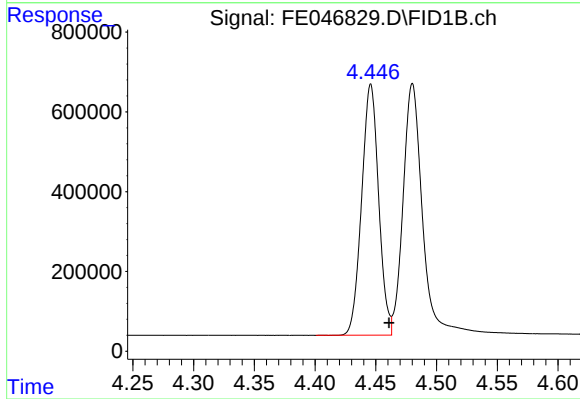
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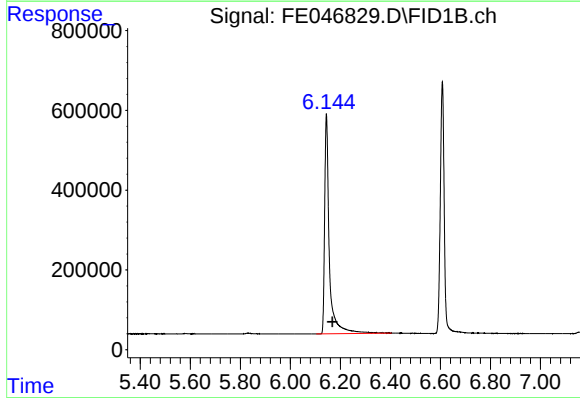
#1 n-Nonane (C9)

R.T.: 3.204 min
Delta R.T.: -0.008 min
Response: 6005737
Conc: 37.18 ug/ml



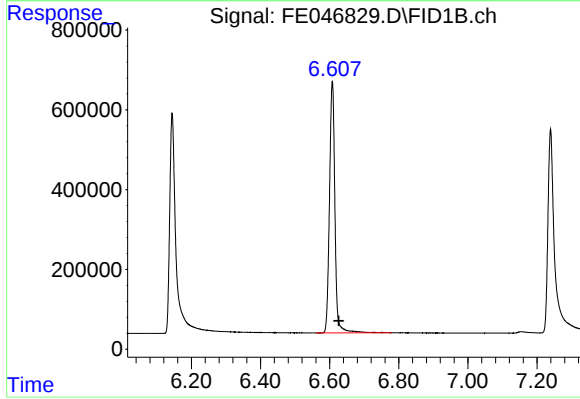
#2 n-Decane (C10)

R.T.: 4.446 min
Delta R.T.: -0.015 min
Response: 6138630
Conc: 37.46 ug/ml



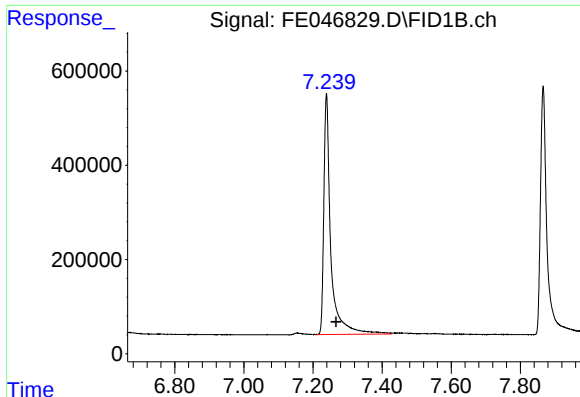
#3 A~Naphthalene (C11.7)

R.T.: 6.144 min
Delta R.T.: -0.024 min
Response: 7216118
Conc: 42.20 ug/ml



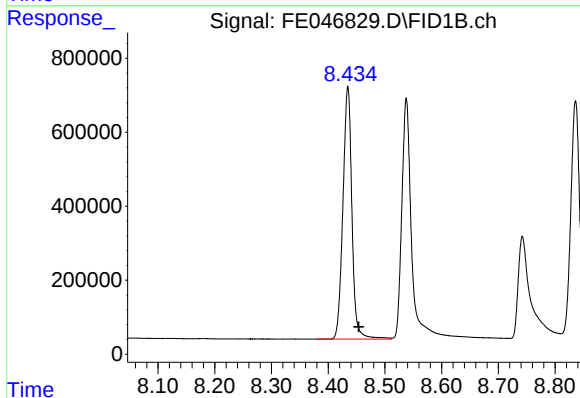
#4 n-Dodecane (C12)

R.T.: 6.608 min
Delta R.T.: -0.019 min
Response: 6882512
Conc: 41.61 ug/ml



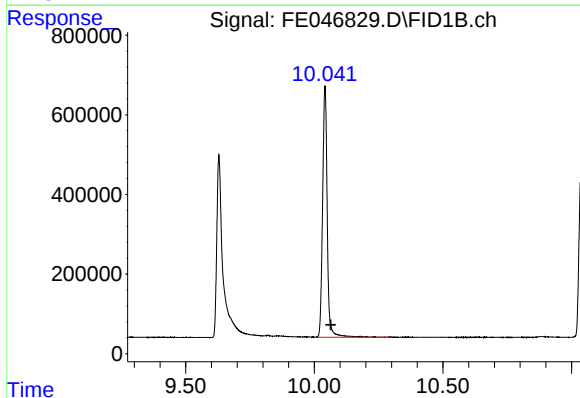
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.239 min
Delta R.T.: -0.028 min
Response: 7205824
Conc: 45.18 ug/ml



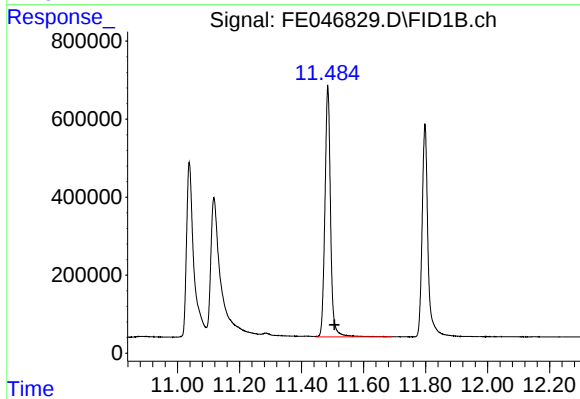
#6 n-Tetradecane (C14)

R.T.: 8.435 min
Delta R.T.: -0.019 min
Response: 7523229
Conc: 45.90 ug/ml



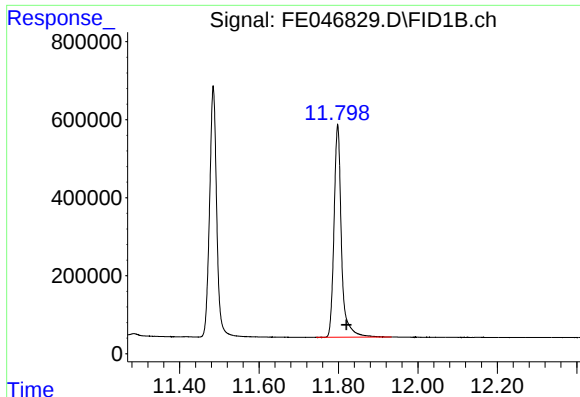
#7 n-Hexadecane (C16)

R.T.: 10.042 min
Delta R.T.: -0.023 min
Response: 7954035
Conc: 46.55 ug/ml



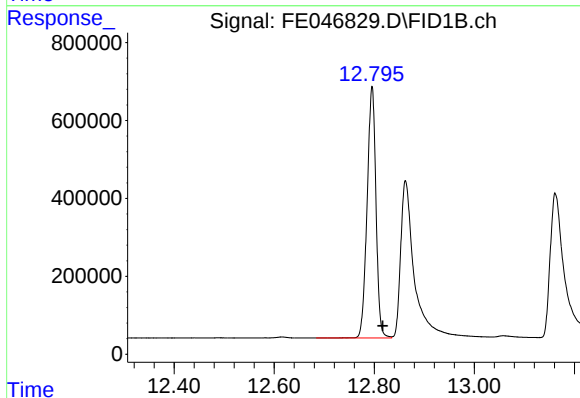
#8 n-Octadecane (C18)

R.T.: 11.485 min
Delta R.T.: -0.022 min
Response: 8082888
Conc: 46.36 ug/ml



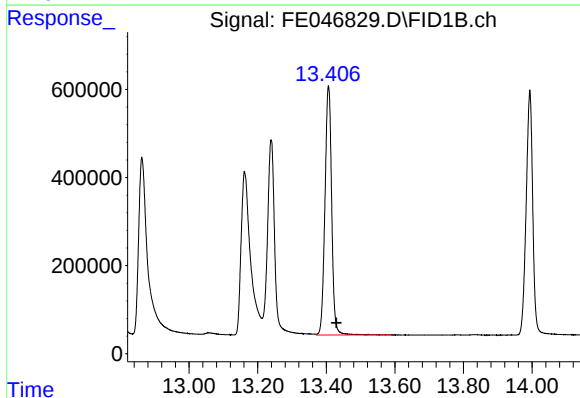
#9 ortho-Terphenyl (SURR)

R.T.: 11.798 min
Delta R.T.: -0.022 min
Response: 7090059
Conc: 38.34 ug/ml



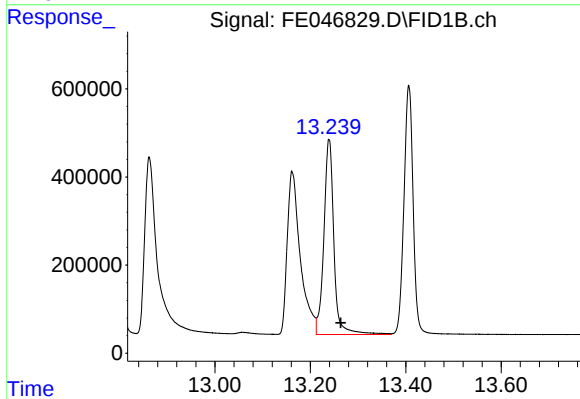
#10 n-Eicosane (C20)

R.T.: 12.796 min
Delta R.T.: -0.021 min
Response: 7927257
Conc: 46.69 ug/ml



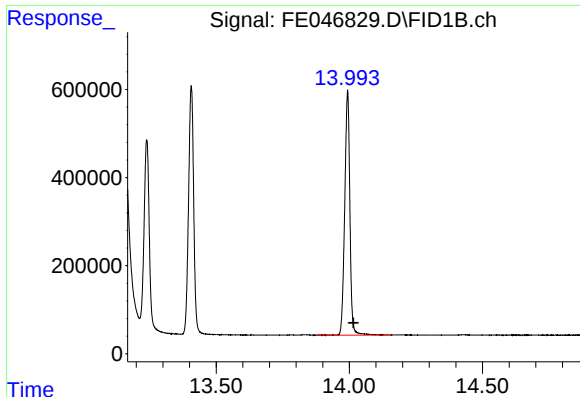
#11 n-Heneicosane (C21)

R.T.: 13.407 min
Delta R.T.: -0.023 min
Response: 7668674
Conc: 45.98 ug/ml



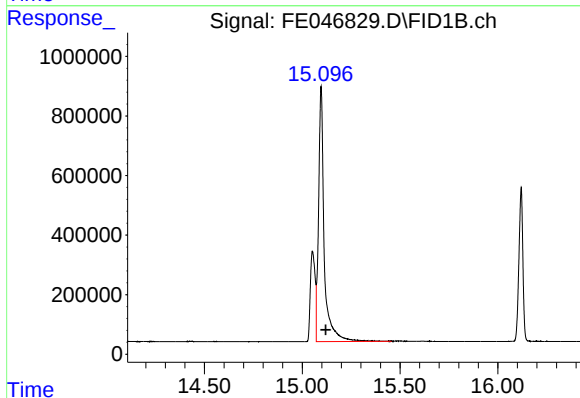
#12 1-chlorooctadecane (SURR)

R.T.: 13.239 min
Delta R.T.: -0.024 min
Response: 6553081
Conc: 46.06 ug/ml



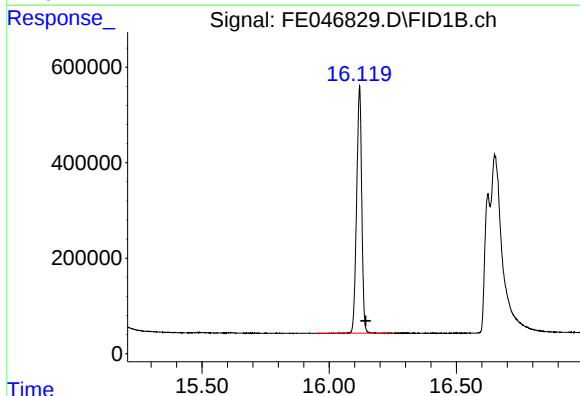
#13 n-Docosane (C22)

R.T.: 13.994 min
Delta R.T.: -0.023 min
Response: 7448753
Conc: 44.96 ug/ml



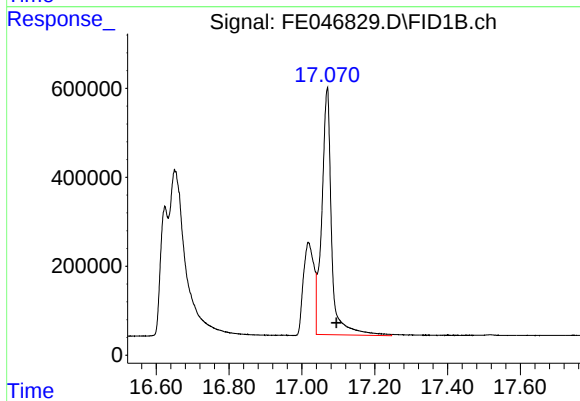
#14 n-Tetracosane (C24)

R.T.: 15.096 min
Delta R.T.: -0.025 min
Response: 17302274
Conc: 104.86 ug/ml



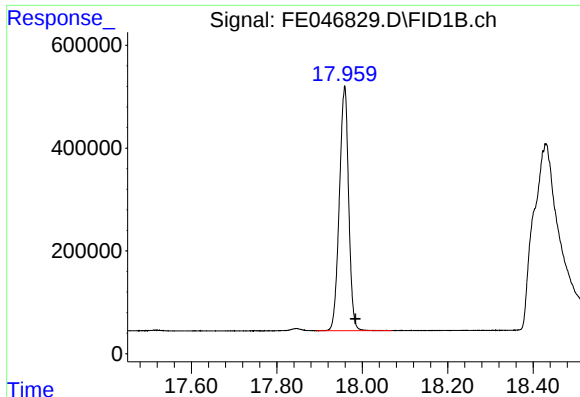
#15 n-Hexacosane (C26)

R.T.: 16.120 min
Delta R.T.: -0.024 min
Response: 7227616
Conc: 44.78 ug/ml



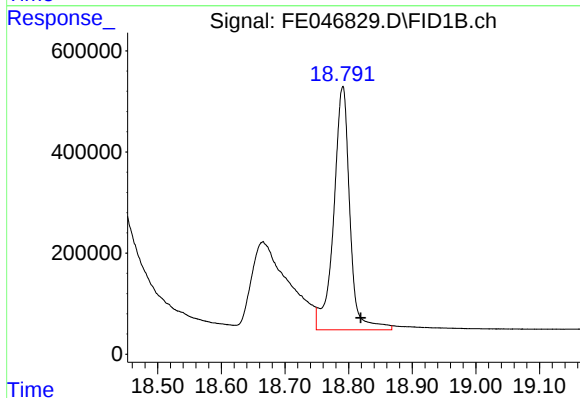
#16 n-Octacosane (C28)

R.T.: 17.070 min
Delta R.T.: -0.024 min
Response: 10394977
Conc: 66.22 ug/ml m



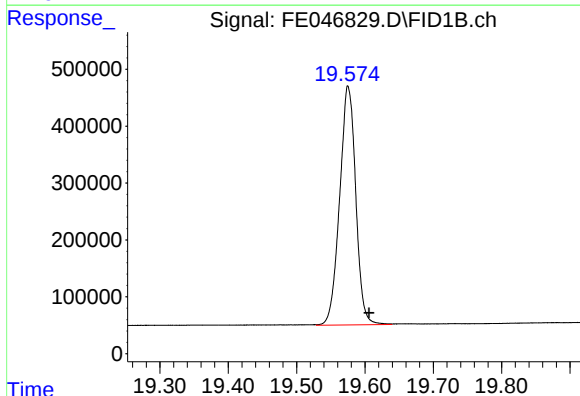
#17 n-Tricontane (C30)

R.T.: 17.959 min
Delta R.T.: -0.025 min
Response: 7185426
Conc: 45.87 ug/ml



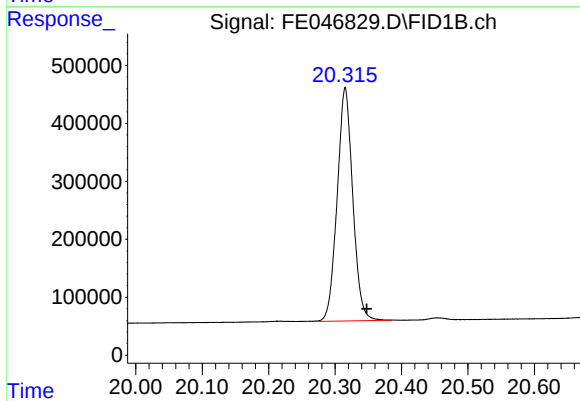
#18 n-Dotriacontane (C32)

R.T.: 18.791 min
Delta R.T.: -0.028 min
Response: 8489274
Conc: 56.16 ug/ml m



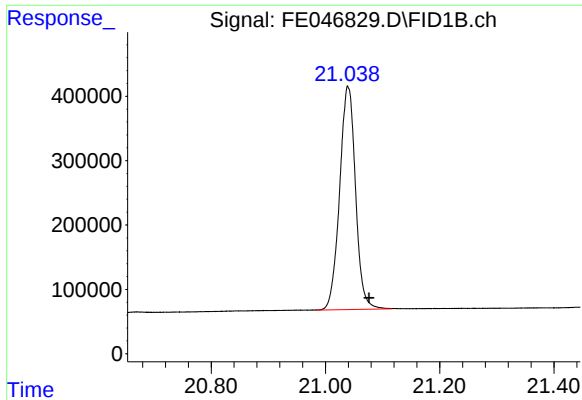
#19 n-Tetratriacontane (C34)

R.T.: 19.574 min
Delta R.T.: -0.032 min
Response: 6878503
Conc: 48.50 ug/ml m



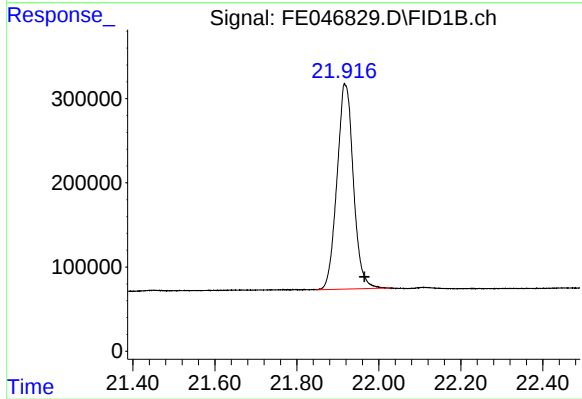
#20 n-Hexatriacontane (C36)

R.T.: 20.315 min
Delta R.T.: -0.033 min
Response: 6572020
Conc: 47.68 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.038 min
Delta R.T.: -0.038 min
Response: 6712066
Conc: 52.36 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.916 min
Delta R.T.: -0.049 min
Response: 6774549
Conc: 54.18 ug/ml m