

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030424AL\
 Data File : FE047061.D
 Signal(s) : FID1B.ch
 Acq On : 04 Mar 2024 11:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 05 00:33:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.782	3109043	18.923 ug/mlm
Spiked Amount 50.000		Recovery =	37.85%
12) S 1-chlorooctadecane (S...	13.225	2358490	19.159 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T n-Nonane (C9)	3.169	2779150	18.225 ug/mlm
2) T n-Decane (C10)	4.421	2902450	18.740 ug/ml
3) T A~Naphthalene (C11.7)	6.129	2864363	18.186 ug/ml
4) T n-Dodecane (C12)	6.590	2878601	18.514 ug/ml
5) T A~2-methylnaphthalene...	7.226	2615360	18.238 ug/ml
6) T n-Tetradecane (C14)	8.417	2922266	18.951 ug/ml
7) T n-Hexadecane (C16)	10.027	3009108	18.965 ug/ml
8) T n-Octadecane (C18)	11.470	3100455	19.449 ug/ml
10) T n-Eicosane (C20)	12.779	2914434	19.254 ug/ml
11) T n-Heneicosane (C21)	13.391	2846585	19.223 ug/ml
13) T n-Docosane (C22)	13.978	2805745	19.284 ug/ml
14) T n-Tetracosane (C24)	15.080	2757358	19.307 ug/mlm
15) T n-Hexacosane (C26)	16.101	2724800	19.499 ug/ml
16) T n-Octacosane (C28)	17.051	2730875	20.045 ug/mlm
17) T n-Tricontane (C30)	17.940	2859424	20.495 ug/ml
18) T n-Dotriacontane (C32)	18.773	2863823	20.812 ug/ml
19) T n-Tetratriacontane (C34)	19.558	2766346	20.593 ug/ml
20) T n-Hexatriacontane (C36)	20.299	2770626	20.806 ug/ml
21) T n-Octatriacontane (C38)	21.018	2785114	20.213 ug/ml
22) T n-Tetracontane (C40)	21.890	2611153	18.507 ug/ml

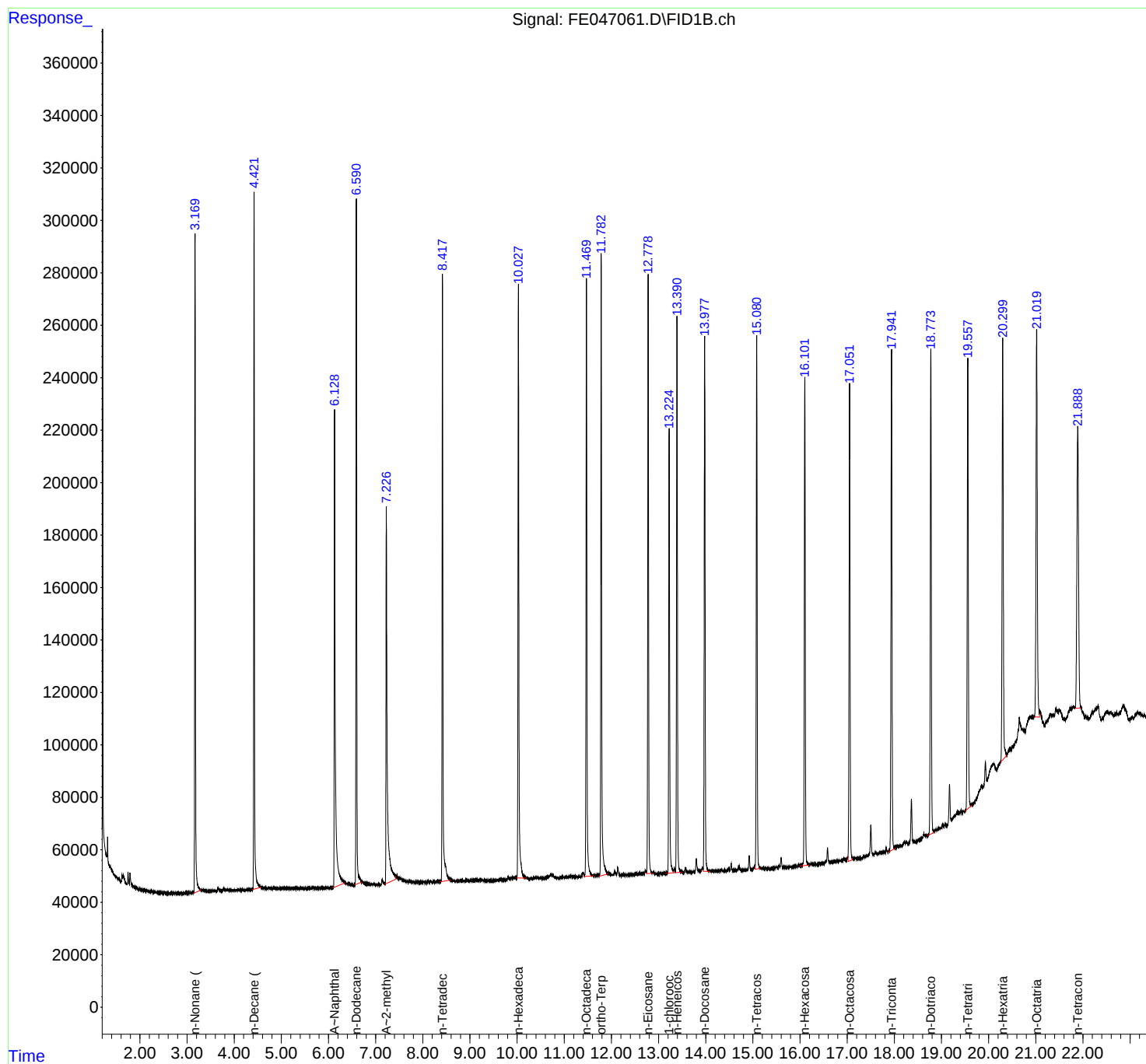
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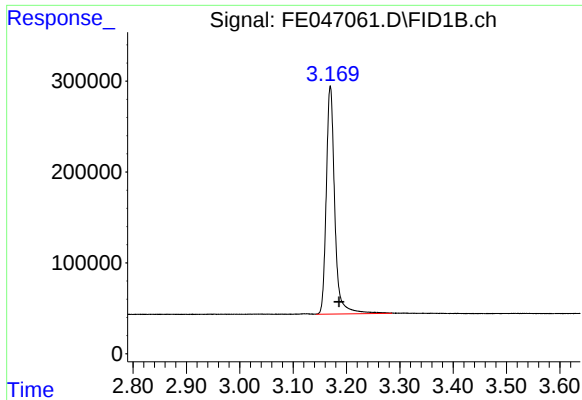
(m)=manual int.

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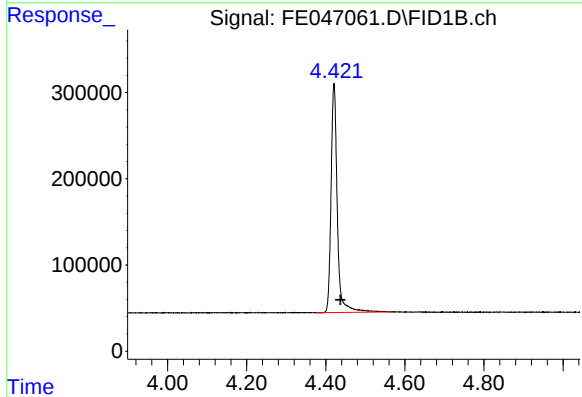
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





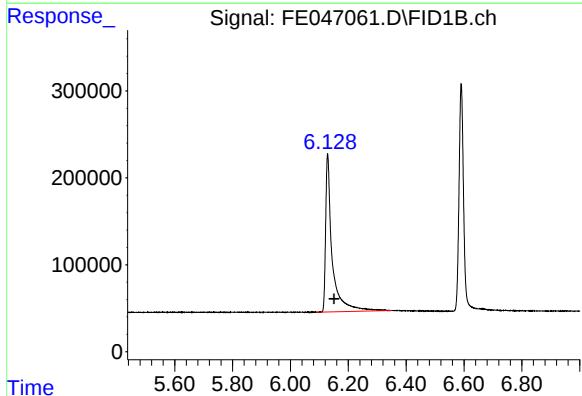
#1 n-Nonane (C9)

R.T.: 3.169 min
Delta R.T.: -0.017 min
Response: 2779150
Conc: 18.22 ug/ml m



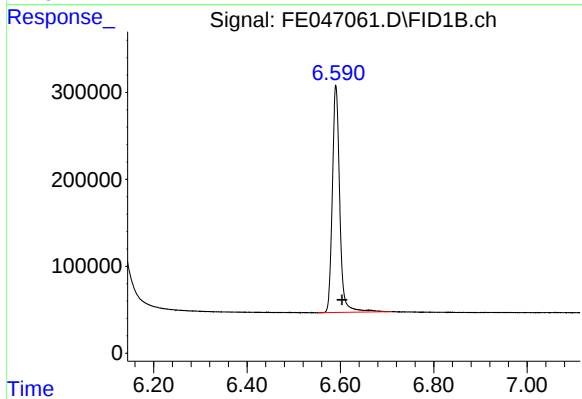
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: -0.016 min
Response: 2902450
Conc: 18.74 ug/ml



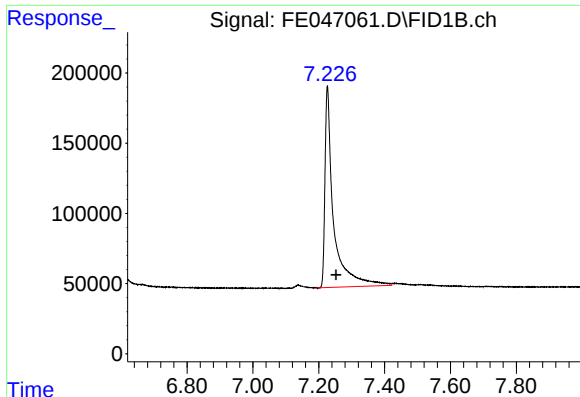
#3 A~Naphthalene (C11.7)

R.T.: 6.129 min
Delta R.T.: -0.023 min
Response: 2864363
Conc: 18.19 ug/ml



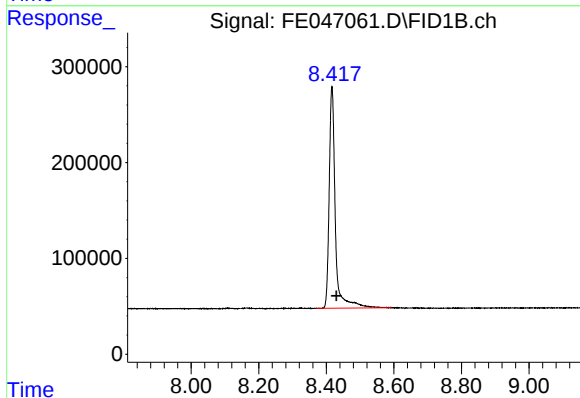
#4 n-Dodecane (C12)

R.T.: 6.590 min
Delta R.T.: -0.013 min
Response: 2878601
Conc: 18.51 ug/ml



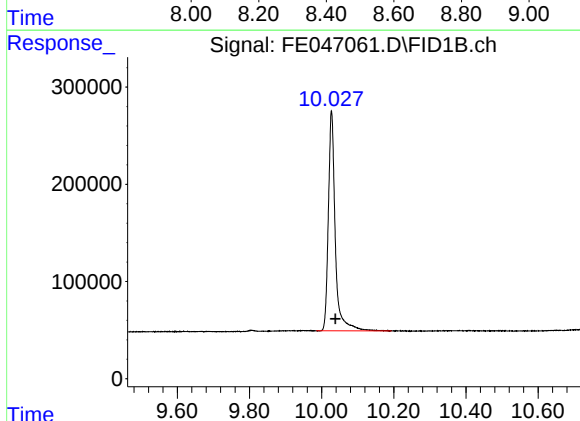
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.226 min
Delta R.T.: -0.026 min
Response: 2615360
Conc: 18.24 ug/ml



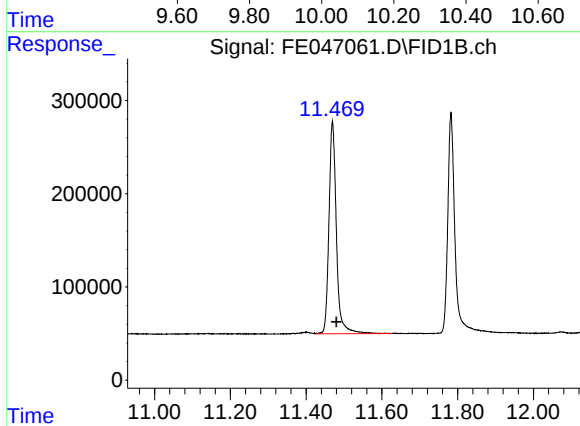
#6 n-Tetradecane (C14)

R.T.: 8.417 min
Delta R.T.: -0.013 min
Response: 2922266
Conc: 18.95 ug/ml



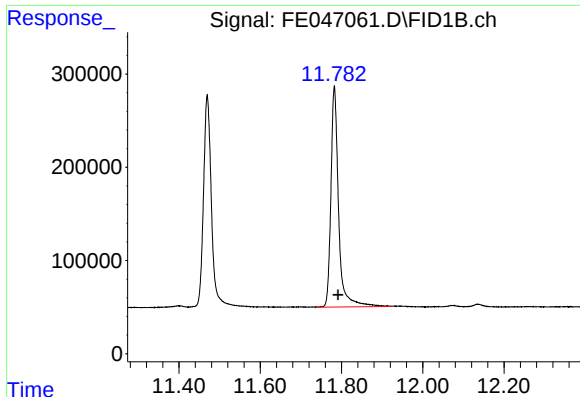
#7 n-Hexadecane (C16)

R.T.: 10.027 min
Delta R.T.: -0.011 min
Response: 3009108
Conc: 18.97 ug/ml



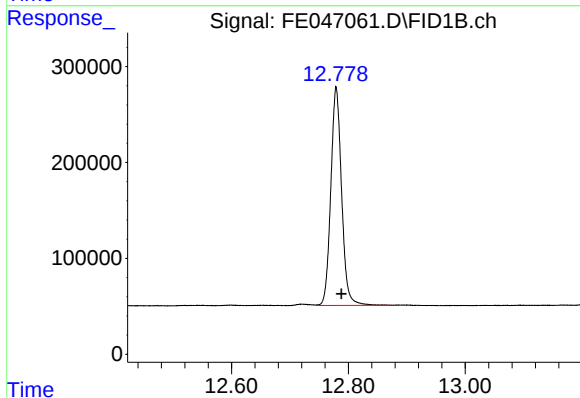
#8 n-Octadecane (C18)

R.T.: 11.470 min
Delta R.T.: -0.011 min
Response: 3100455
Conc: 19.45 ug/ml



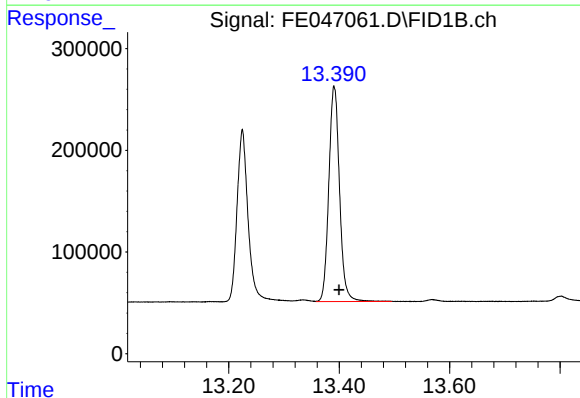
#9 ortho-Terphenyl (SURR)

R.T.: 11.782 min
Delta R.T.: -0.010 min
Response: 3109043
Conc: 18.92 ug/ml m



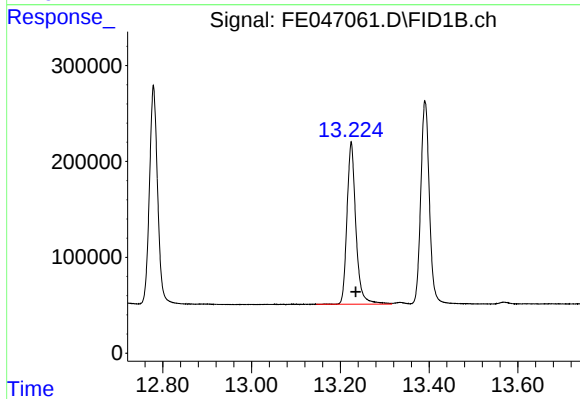
#10 n-Eicosane (C20)

R.T.: 12.779 min
Delta R.T.: -0.009 min
Response: 2914434
Conc: 19.25 ug/ml



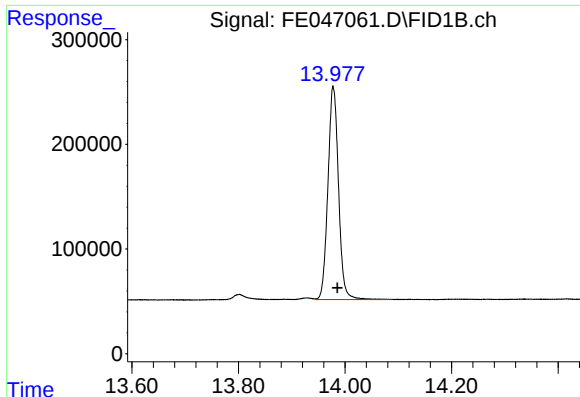
#11 n-Heneicosane (C21)

R.T.: 13.391 min
Delta R.T.: -0.009 min
Response: 2846585
Conc: 19.22 ug/ml



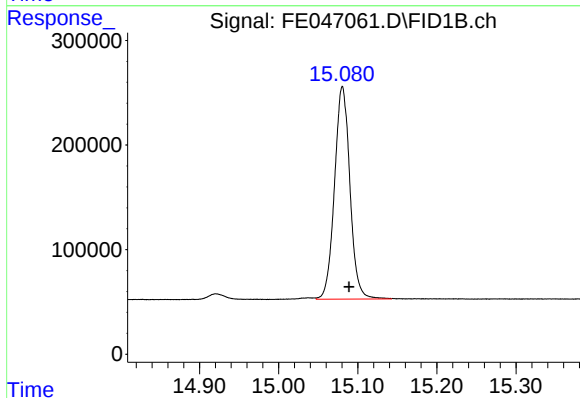
#12 1-chlorooctadecane (SURR)

R.T.: 13.225 min
Delta R.T.: -0.010 min
Response: 2358490
Conc: 19.16 ug/ml



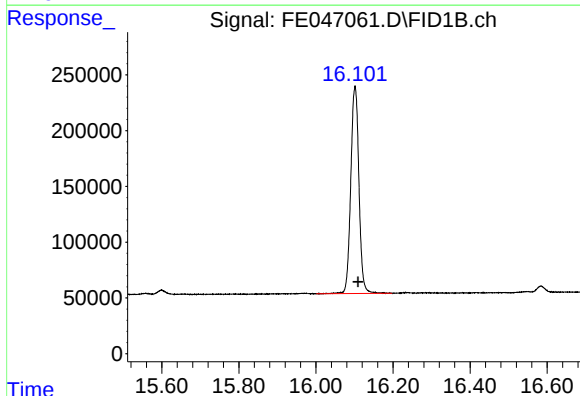
#13 n-Docosane (C22)

R.T.: 13.978 min
Delta R.T.: -0.008 min
Response: 2805745
Conc: 19.28 ug/ml



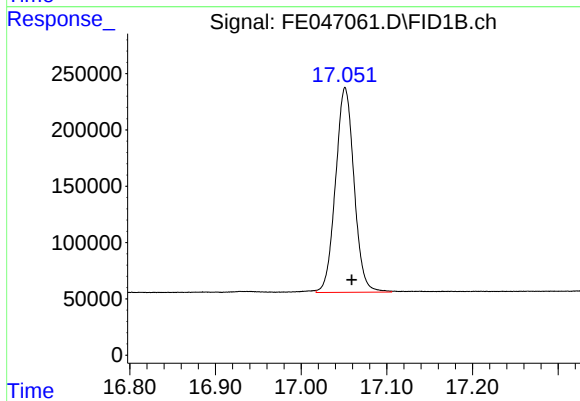
#14 n-Tetracosane (C24)

R.T.: 15.080 min
Delta R.T.: -0.008 min
Response: 2757358
Conc: 19.31 ug/ml m



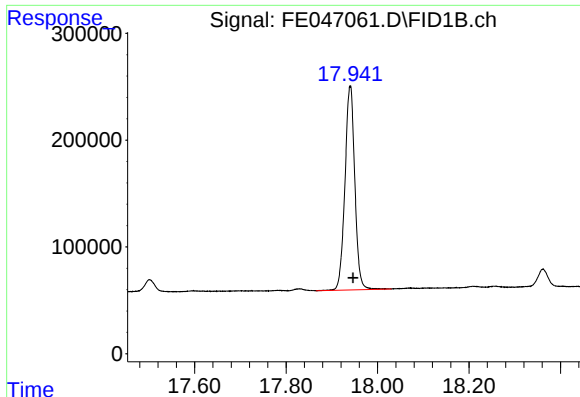
#15 n-Hexacosane (C26)

R.T.: 16.101 min
Delta R.T.: -0.008 min
Response: 2724800
Conc: 19.50 ug/ml



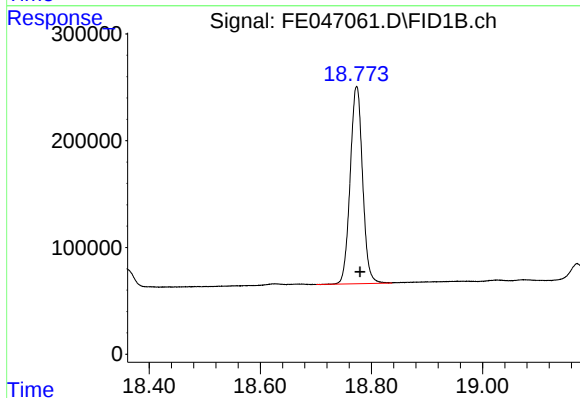
#16 n-Octacosane (C28)

R.T.: 17.051 min
Delta R.T.: -0.008 min
Response: 2730875
Conc: 20.04 ug/ml m



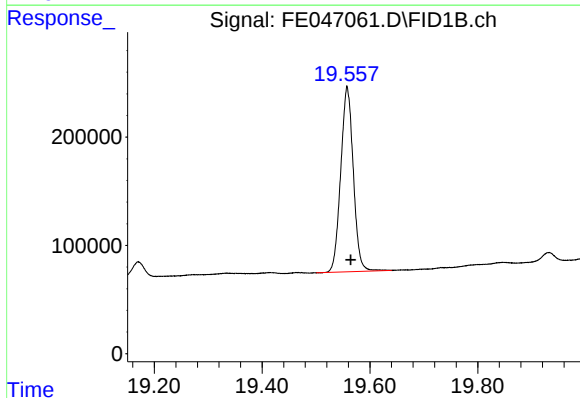
#17 n-Tricontane (C30)

R.T.: 17.940 min
Delta R.T.: -0.006 min
Response: 2859424
Conc: 20.50 ug/ml



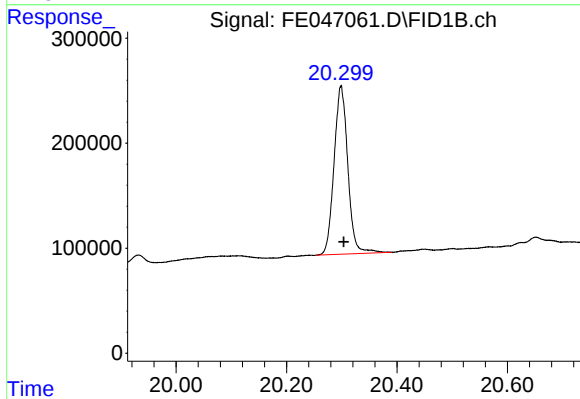
#18 n-Dotriacontane (C32)

R.T.: 18.773 min
Delta R.T.: -0.006 min
Response: 2863823
Conc: 20.81 ug/ml



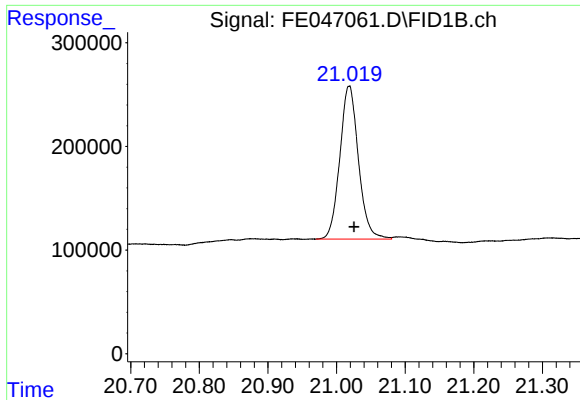
#19 n-Tetratriacontane (C34)

R.T.: 19.558 min
Delta R.T.: -0.007 min
Response: 2766346
Conc: 20.59 ug/ml



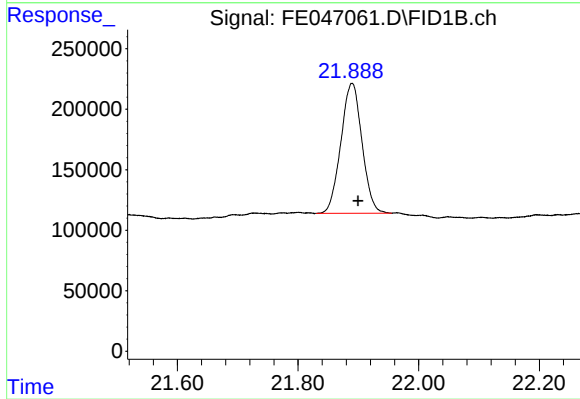
#20 n-Hexatriacontane (C36)

R.T.: 20.299 min
Delta R.T.: -0.005 min
Response: 2770626
Conc: 20.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.018 min
Delta R.T.: -0.007 min
Response: 2785114
Conc: 20.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.890 min
Delta R.T.: -0.010 min
Response: 2611153
Conc: 18.51 ug/ml