

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012324AL\
 Data File : FE046353.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jan 2024 12:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 00:01:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 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)	11.823	3892607	21.420 ug/ml
Spiked Amount 50.000		Recovery =	42.84%
12) S 1-chlorooctadecane (S...	13.264	2842406	21.274 ug/ml
Spiked Amount 50.000		Recovery =	42.55%
Target Compounds			
1) T n-Nonane (C9)	3.211	3082713	20.143 ug/ml
2) T n-Decane (C10)	4.462	3175242	20.459 ug/ml
3) T A~Naphthalene (C11.7)	6.166	3336811	20.064 ug/ml
4) T n-Dodecane (C12)	6.629	3213313	20.580 ug/ml
5) T A~2-methylnaphthalene...	7.262	3222580	20.241 ug/ml
6) T n-Tetradecane (C14)	8.454	3187068	20.460 ug/ml
7) T n-Hexadecane (C16)	10.064	3266417	20.627 ug/ml
8) T n-Octadecane (C18)	11.508	3315480	21.065 ug/ml
10) T n-Eicosane (C20)	12.819	3216960	21.265 ug/ml
11) T n-Heneicosane (C21)	13.431	3152934	21.441 ug/ml
13) T n-Docosane (C22)	14.019	3143266	21.504 ug/ml
14) T n-Tetracosane (C24)	15.124	3114363	21.473 ug/ml
15) T n-Hexacosane (C26)	16.146	3033657	21.160 ug/ml
16) T n-Octacosane (C28)	17.099	2993879	20.875 ug/ml
17) T n-Tricontane (C30)	17.987	3123210	21.012 ug/ml
18) T n-Dotriacontane (C32)	18.824	3156772	21.107 ug/ml
19) T n-Tetratriacontane (C34)	19.609	3059282	21.355 ug/ml
20) T n-Hexatriacontane (C36)	20.352	3116386	21.374 ug/mlm
21) T n-Octatriacontane (C38)	21.078	3114574	21.122 ug/mlm
22) T n-Tetracontane (C40)	21.971	3254821	20.794 ug/ml

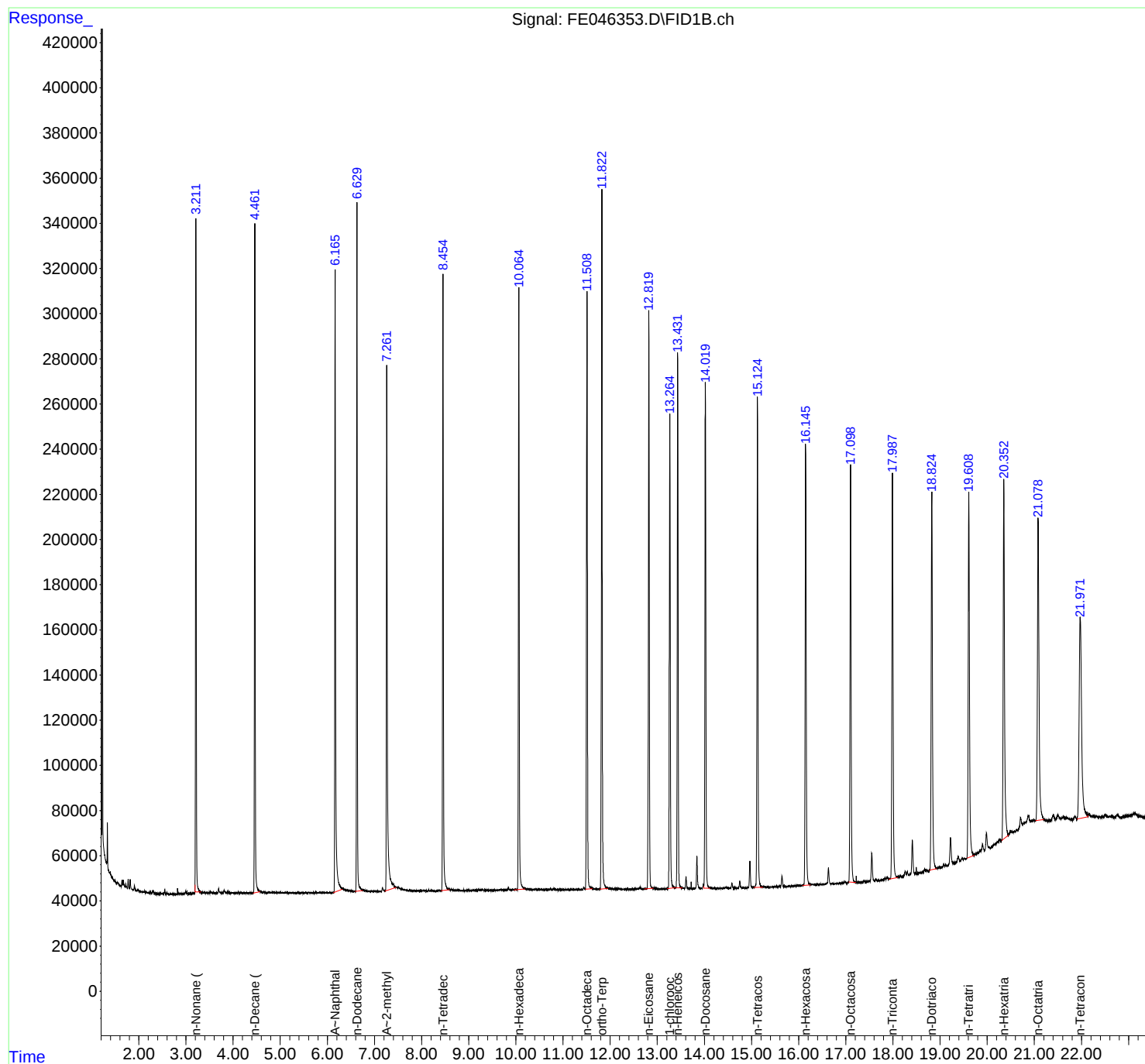
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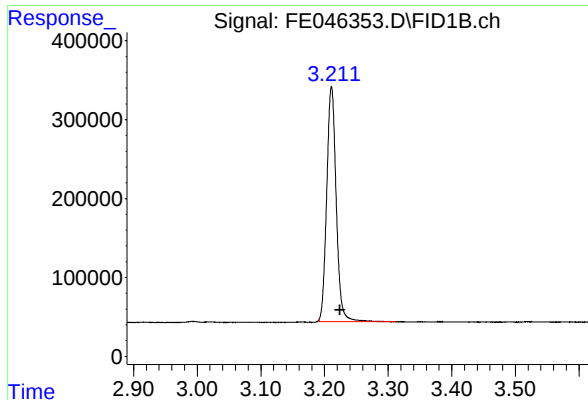
(m)=manual int.

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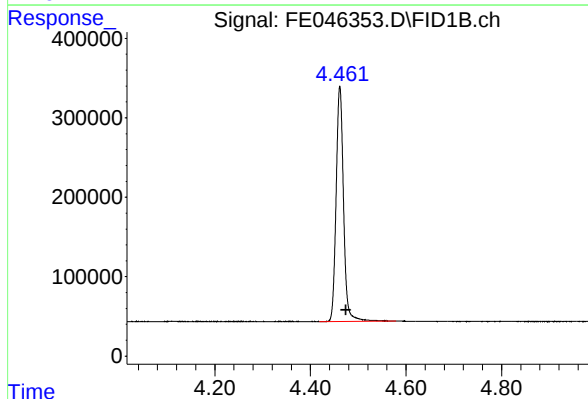
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Signal Info : 20M x 0.18mm x 0.18um





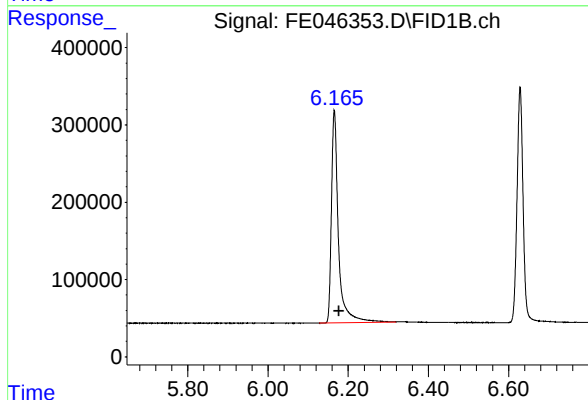
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: -0.013 min
Response: 3082713
Conc: 20.14 ug/ml



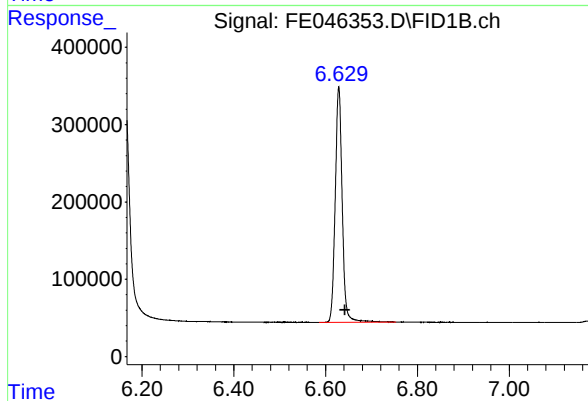
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: -0.013 min
Response: 3175242
Conc: 20.46 ug/ml



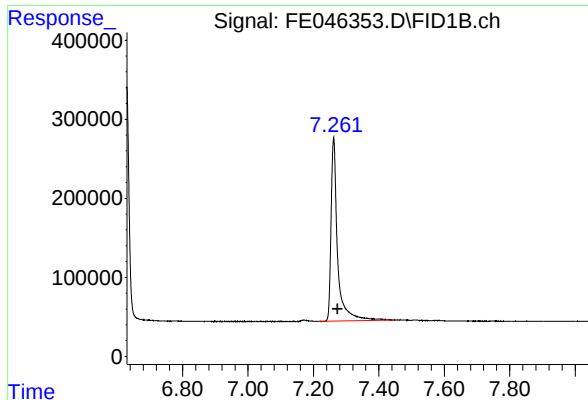
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.012 min
Response: 3336811
Conc: 20.06 ug/ml



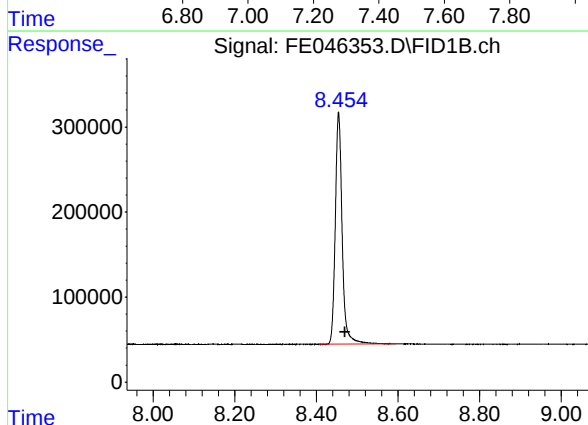
#4 n-Dodecane (C12)

R.T.: 6.629 min
Delta R.T.: -0.014 min
Response: 3213313
Conc: 20.58 ug/ml



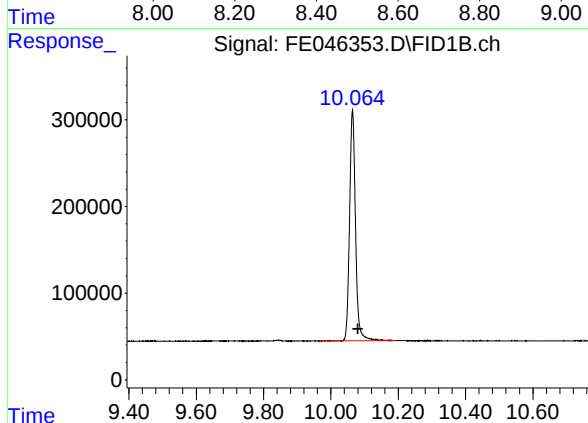
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: -0.012 min
Response: 3222580
Conc: 20.24 ug/ml



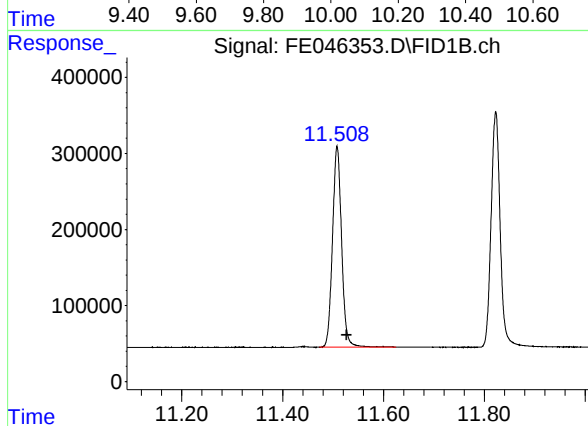
#6 n-Tetradecane (C14)

R.T.: 8.454 min
Delta R.T.: -0.015 min
Response: 3187068
Conc: 20.46 ug/ml



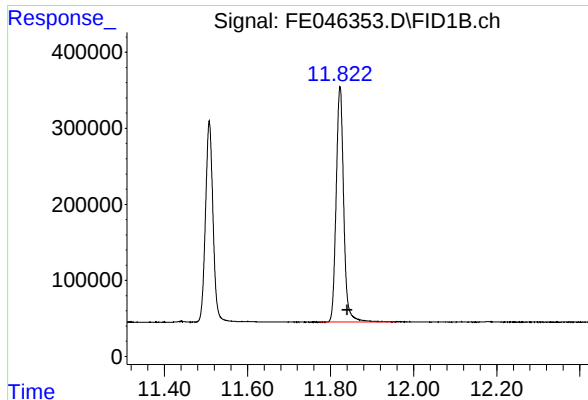
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.016 min
Response: 3266417
Conc: 20.63 ug/ml



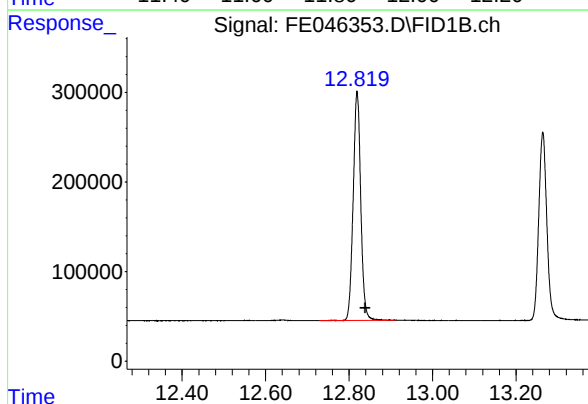
#8 n-Octadecane (C18)

R.T.: 11.508 min
Delta R.T.: -0.019 min
Response: 3315480
Conc: 21.07 ug/ml



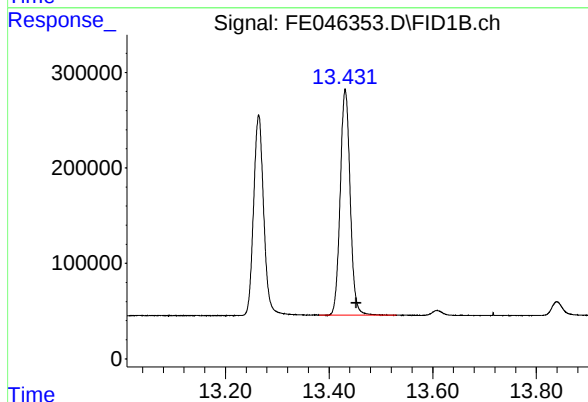
#9 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: -0.017 min
Response: 3892607
Conc: 21.42 ug/ml



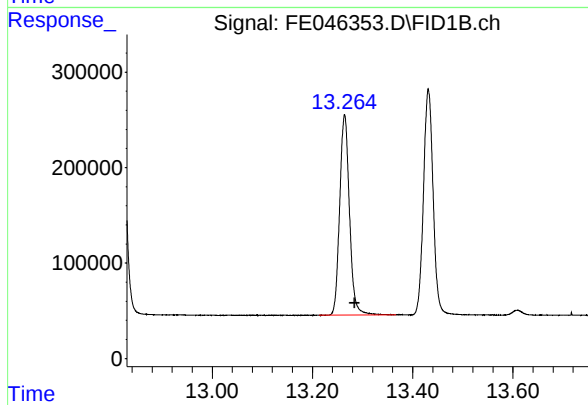
#10 n-Eicosane (C20)

R.T.: 12.819 min
Delta R.T.: -0.020 min
Response: 3216960
Conc: 21.27 ug/ml



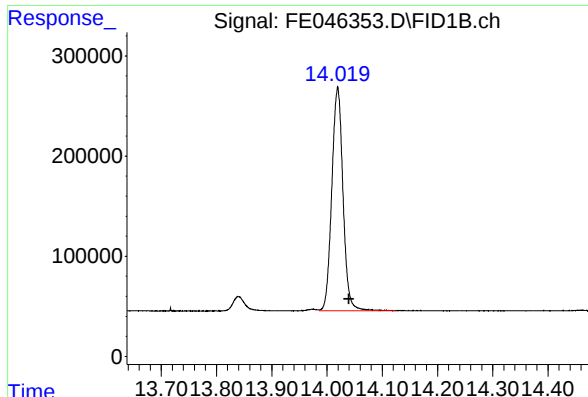
#11 n-Heneicosane (C21)

R.T.: 13.431 min
Delta R.T.: -0.021 min
Response: 3152934
Conc: 21.44 ug/ml



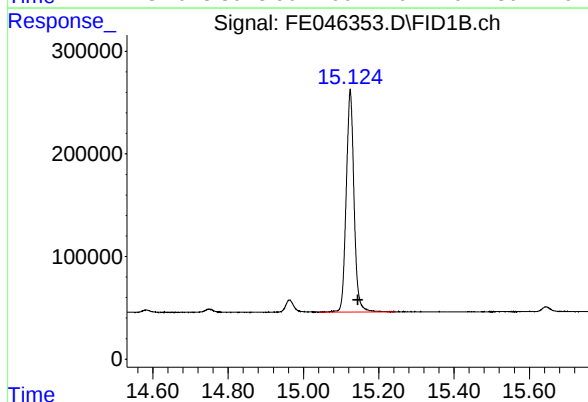
#12 1-chlorooctadecane (SURR)

R.T.: 13.264 min
Delta R.T.: -0.020 min
Response: 2842406
Conc: 21.27 ug/ml



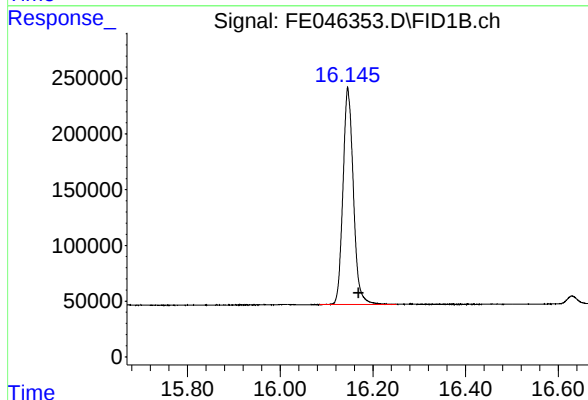
#13 n-Docosane (C22)

R.T.: 14.019 min
Delta R.T.: -0.020 min
Response: 3143266
Conc: 21.50 ug/ml



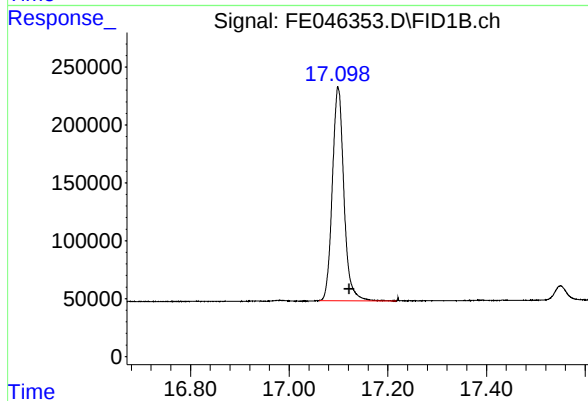
#14 n-Tetracosane (C24)

R.T.: 15.124 min
Delta R.T.: -0.021 min
Response: 3114363
Conc: 21.47 ug/ml



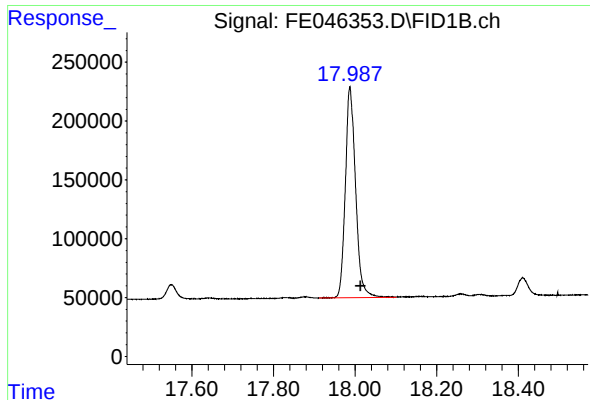
#15 n-Hexacosane (C26)

R.T.: 16.146 min
Delta R.T.: -0.024 min
Response: 3033657
Conc: 21.16 ug/ml



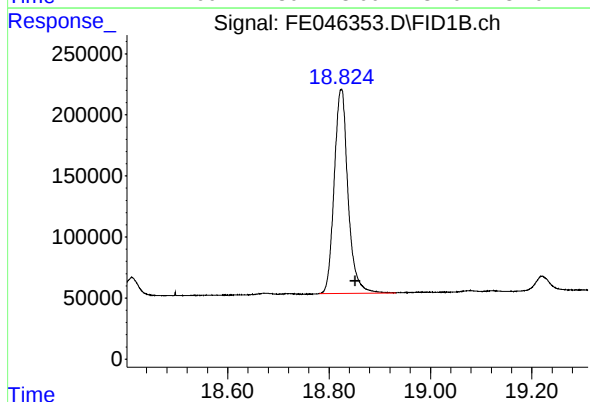
#16 n-Octacosane (C28)

R.T.: 17.099 min
Delta R.T.: -0.023 min
Response: 2993879
Conc: 20.88 ug/ml



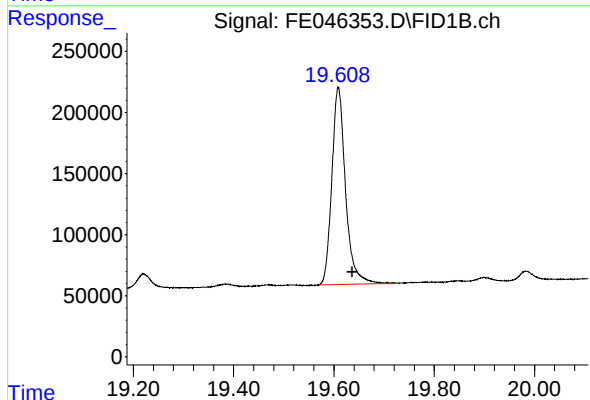
#17 n-Tricontane (C30)

R.T.: 17.987 min
Delta R.T.: -0.027 min
Response: 3123210
Conc: 21.01 ug/ml



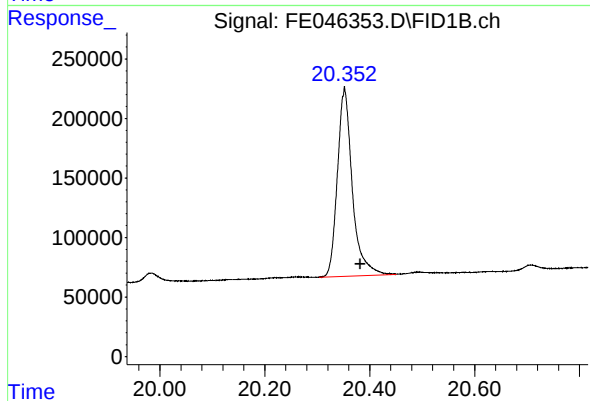
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.027 min
Response: 3156772
Conc: 21.11 ug/ml



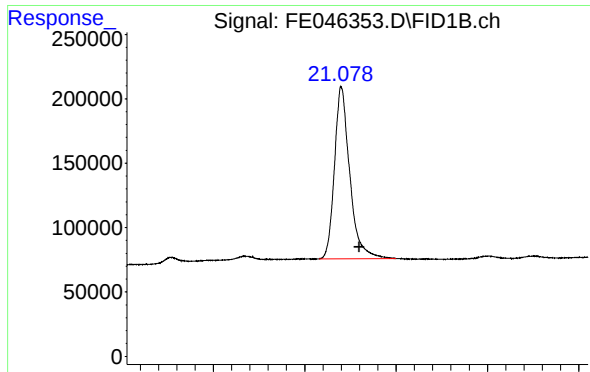
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.028 min
Response: 3059282
Conc: 21.36 ug/ml



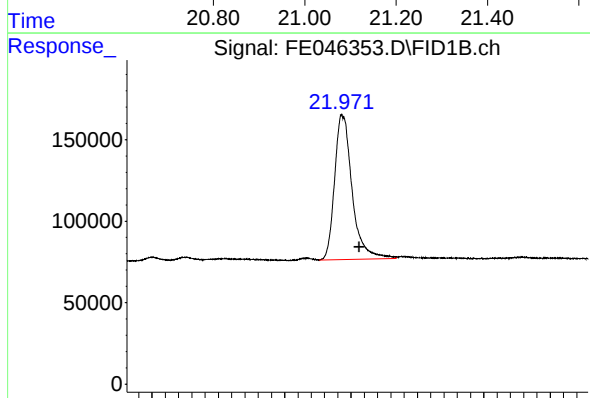
#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.030 min
Response: 3116386
Conc: 21.37 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: -0.041 min
Response: 3114574
Conc: 21.12 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: -0.054 min
Response: 3254821
Conc: 20.79 ug/ml