

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010424AL\
 Data File : FE046074.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jan 2024 05:24
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 04 23:25:20 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)	11.834	3540350	19.482 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
12) S 1-chlorooctadecane (S...	13.278	2614422	19.567 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.220	2925535	19.116 ug/ml
2) T n-Decane (C10)	4.470	2994361	19.294 ug/ml
3) T A~Naphthalene (C11.7)	6.173	3200655	19.246 ug/ml
4) T n-Dodecane (C12)	6.638	3025893	19.380 ug/ml
5) T A~2-methylnaphthalene...	7.269	3078852	19.338 ug/ml
6) T n-Tetradecane (C14)	8.464	2992299	19.209 ug/ml
7) T n-Hexadecane (C16)	10.076	3063203	19.344 ug/ml
8) T n-Octadecane (C18)	11.521	3062868	19.460 ug/ml
10) T n-Eicosane (C20)	12.832	2972885	19.652 ug/ml
11) T n-Heneicosane (C21)	13.446	2886430	19.629 ug/ml
13) T n-Docosane (C22)	14.033	2931592	20.056 ug/ml
14) T n-Tetracosane (C24)	15.139	3004477	20.716 ug/ml
15) T n-Hexacosane (C26)	16.164	3048484	21.263 ug/ml
16) T n-Octacosane (C28)	17.118	3115591	21.724 ug/ml
17) T n-Tricontane (C30)	18.007	3192585	21.479 ug/ml
18) T n-Dotriacontane (C32)	18.843	3114279	20.823 ug/ml
19) T n-Tetratriacontane (C34)	19.631	2895216	20.210 ug/ml
20) T n-Hexatriacontane (C36)	20.374	2762918	18.950 ug/ml
21) T n-Octatriacontane (C38)	21.108	2972010	20.155 ug/ml
22) T n-Tetracontane (C40)	22.008	2941297	18.791 ug/ml

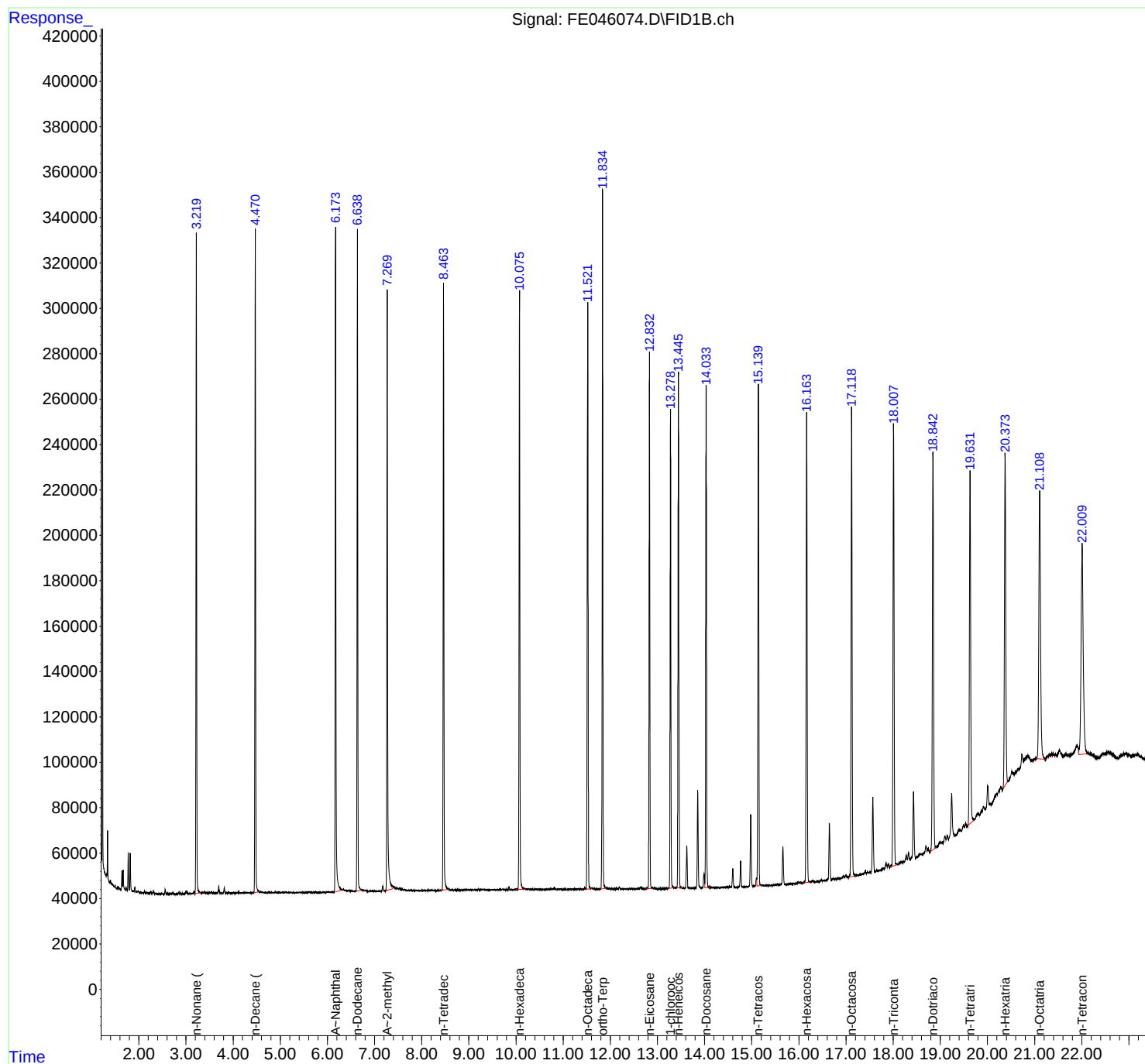
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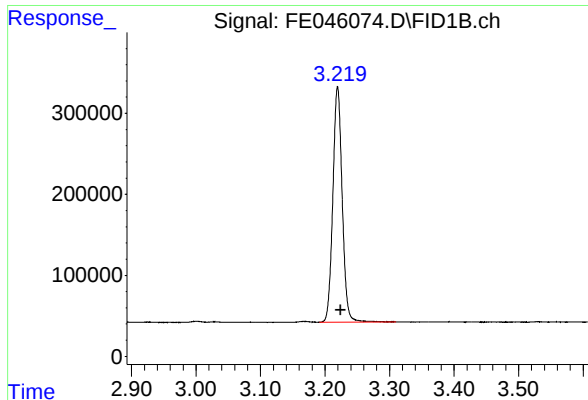
(m)=manual int.

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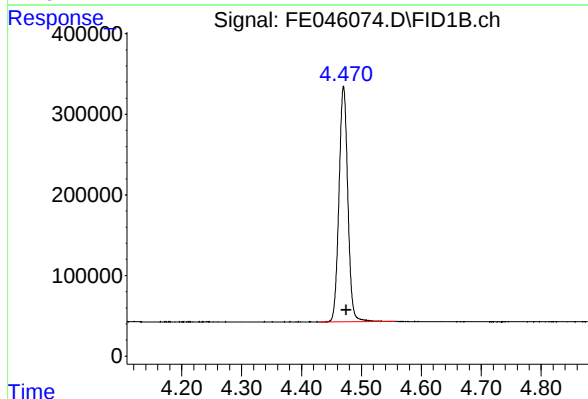
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Signal Info : 20M x 0.18mm x 0.18um





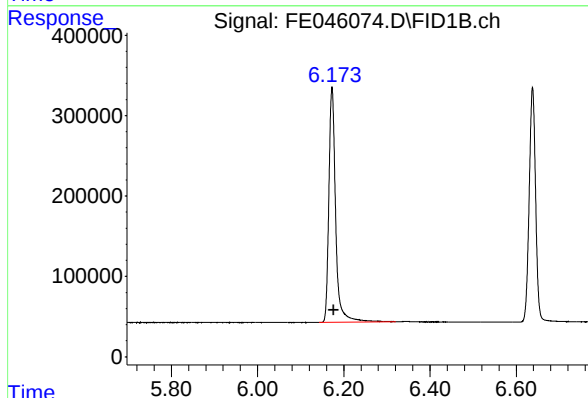
#1 n-Nonane (C9)

R.T.: 3.220 min
Delta R.T.: -0.004 min
Response: 2925535
Conc: 19.12 ug/ml



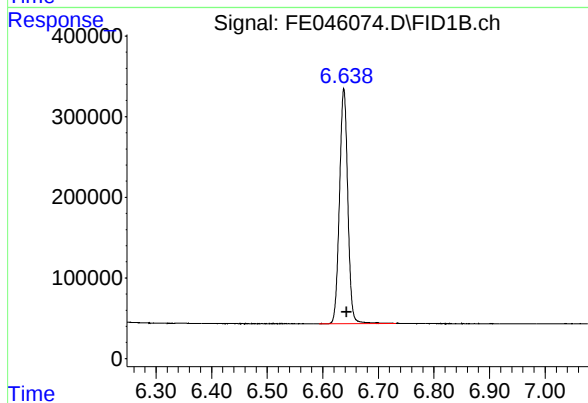
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.004 min
Response: 2994361
Conc: 19.29 ug/ml



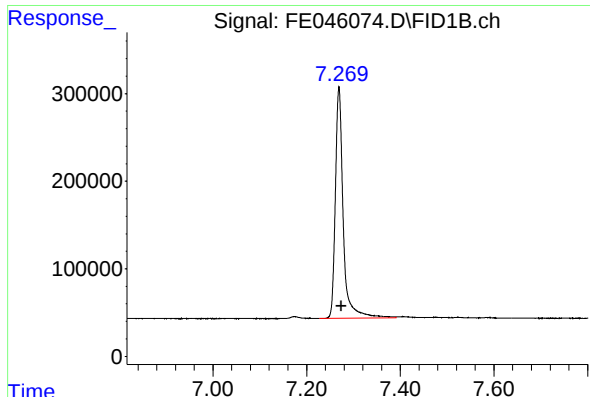
#3 A~Naphthalene (C11.7)

R.T.: 6.173 min
Delta R.T.: -0.004 min
Response: 3200655
Conc: 19.25 ug/ml



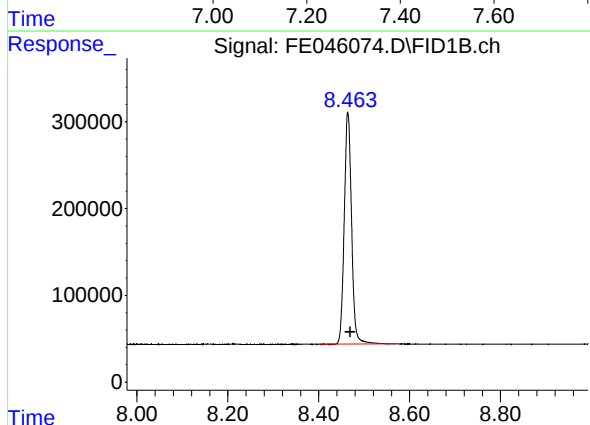
#4 n-Dodecane (C12)

R.T.: 6.638 min
Delta R.T.: -0.005 min
Response: 3025893
Conc: 19.38 ug/ml



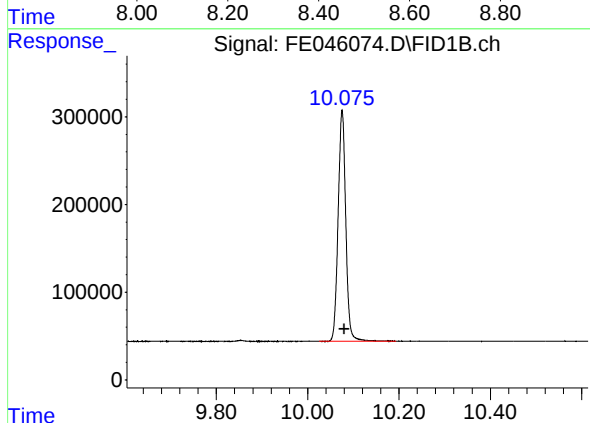
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.269 min
Delta R.T.: -0.005 min
Response: 3078852
Conc: 19.34 ug/ml



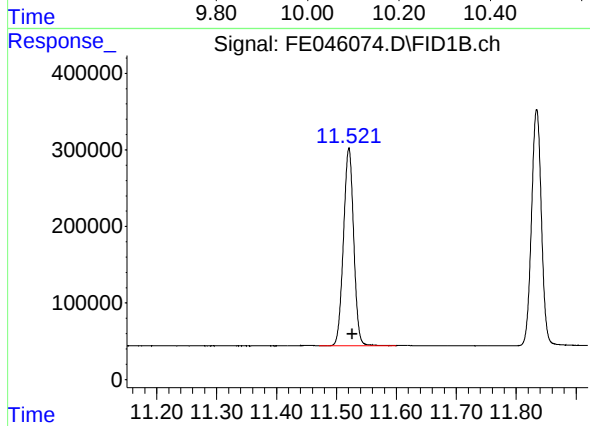
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.006 min
Response: 2992299
Conc: 19.21 ug/ml



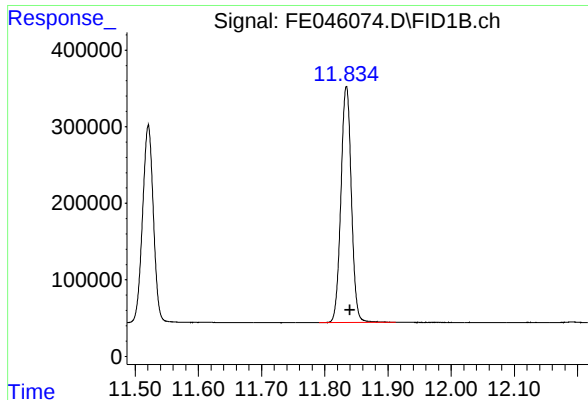
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.005 min
Response: 3063203
Conc: 19.34 ug/ml



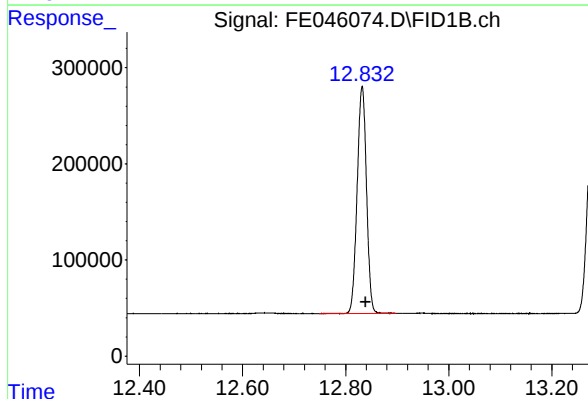
#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.006 min
Response: 3062868
Conc: 19.46 ug/ml



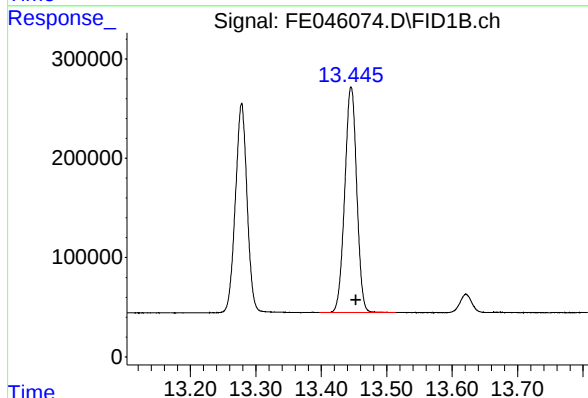
#9 ortho-Terphenyl (SURR)

R.T.: 11.834 min
Delta R.T.: -0.006 min
Response: 3540350
Conc: 19.48 ug/ml



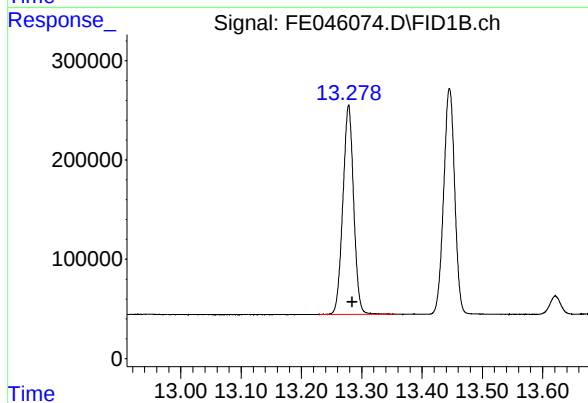
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.007 min
Response: 2972885
Conc: 19.65 ug/ml



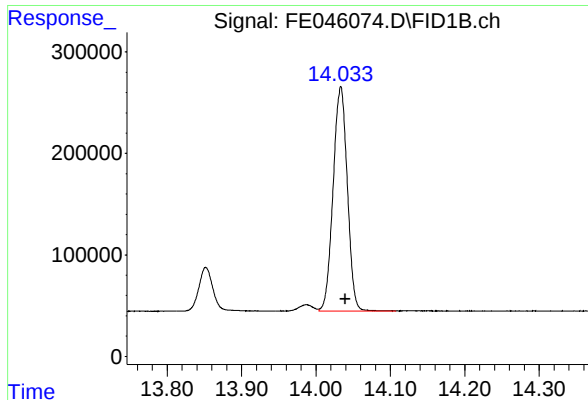
#11 n-Heneicosane (C21)

R.T.: 13.446 min
Delta R.T.: -0.007 min
Response: 2886430
Conc: 19.63 ug/ml



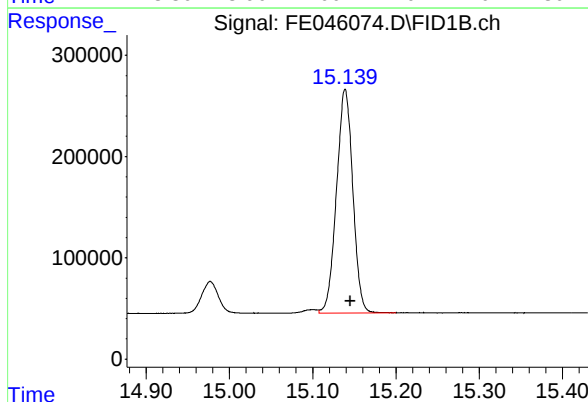
#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.006 min
Response: 2614422
Conc: 19.57 ug/ml



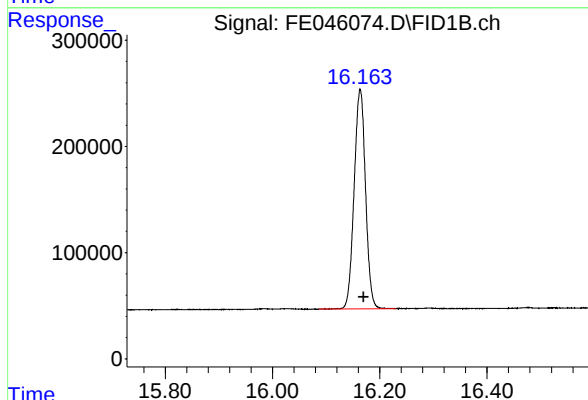
#13 n-Docosane (C22)

R.T.: 14.033 min
Delta R.T.: -0.006 min
Response: 2931592
Conc: 20.06 ug/ml



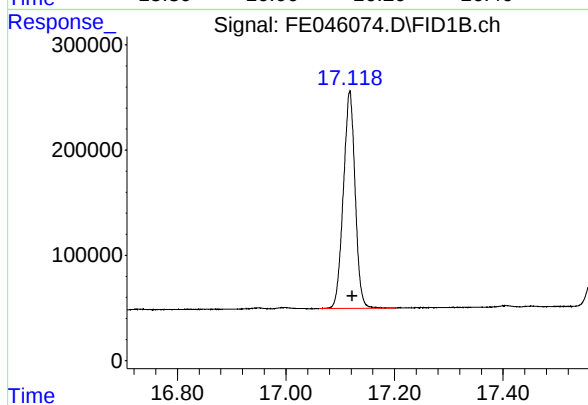
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.007 min
Response: 3004477
Conc: 20.72 ug/ml



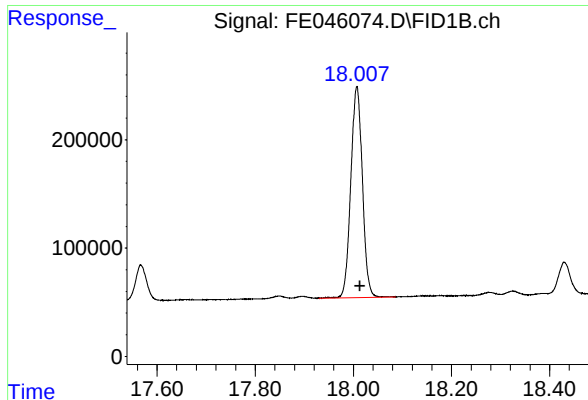
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: -0.006 min
Response: 3048484
Conc: 21.26 ug/ml



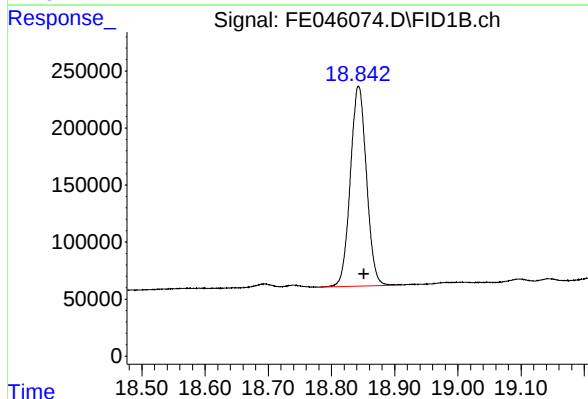
#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: -0.005 min
Response: 3115591
Conc: 21.72 ug/ml



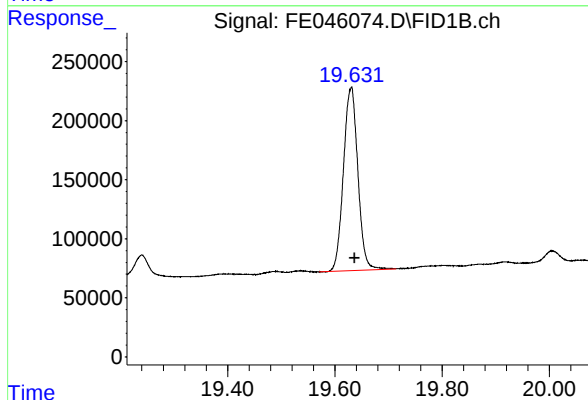
#17 n-Tricontane (C30)

R.T.: 18.007 min
Delta R.T.: -0.007 min
Response: 3192585
Conc: 21.48 ug/ml



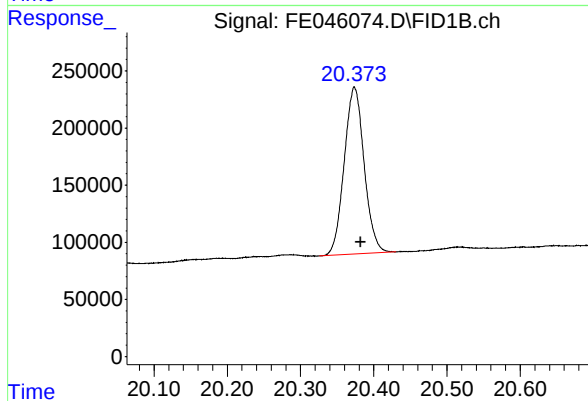
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.009 min
Response: 3114279
Conc: 20.82 ug/ml



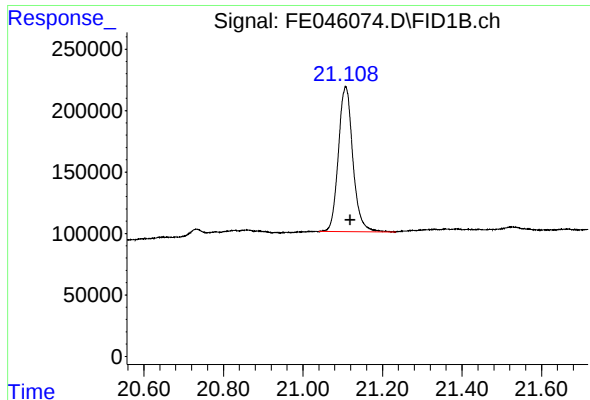
#19 n-Tetatriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.006 min
Response: 2895216
Conc: 20.21 ug/ml



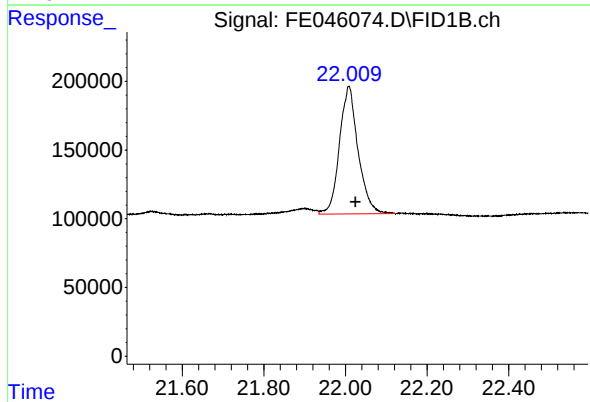
#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.008 min
Response: 2762918
Conc: 18.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.108 min
Delta R.T.: -0.012 min
Response: 2972010
Conc: 20.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: -0.017 min
Response: 2941297
Conc: 18.79 ug/ml