

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012924AL\
 Data File : FE046436.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jan 2024 10:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 30 00:43:54 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)	11.825	3579783	19.360 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
12) S 1-chlorooctadecane (S...	13.266	2713615	19.073 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
Target Compounds			
1) T n-Nonane (C9)	3.211	3227737	19.983 ug/ml
2) T n-Decane (C10)	4.461	3308101	20.185 ug/ml
3) T A~Naphthalene (C11.7)	6.166	3464169	20.258 ug/ml
4) T n-Dodecane (C12)	6.629	3344727	20.221 ug/ml
5) T A~2-methylnaphthalene...	7.262	3315676	20.789 ug/ml
6) T n-Tetradecane (C14)	8.455	3305433	20.168 ug/ml
7) T n-Hexadecane (C16)	10.065	3393362	19.858 ug/ml
8) T n-Octadecane (C18)	11.510	3419810	19.616 ug/ml
10) T n-Eicosane (C20)	12.821	3256883	19.182 ug/ml
11) T n-Heneicosane (C21)	13.434	3215698	19.280 ug/ml
13) T n-Docosane (C22)	14.021	3180218	19.196 ug/ml
14) T n-Tetracosane (C24)	15.125	3139016	19.024 ug/ml
15) T n-Hexacosane (C26)	16.149	3049281	18.893 ug/ml
16) T n-Octacosane (C28)	17.100	2982736	19.001 ug/ml
17) T n-Tricontane (C30)	17.991	3000184	19.154 ug/ml
18) T n-Dotriacontane (C32)	18.826	2911781	19.263 ug/ml
19) T n-Tetratriacontane (C34)	19.613	2736441	19.293 ug/ml
20) T n-Hexatriacontane (C36)	20.354	2407555	17.466 ug/ml
21) T n-Octatriacontane (C38)	21.083	2453748	19.141 ug/ml
22) T n-Tetracontane (C40)	21.978	2280462	18.238 ug/ml

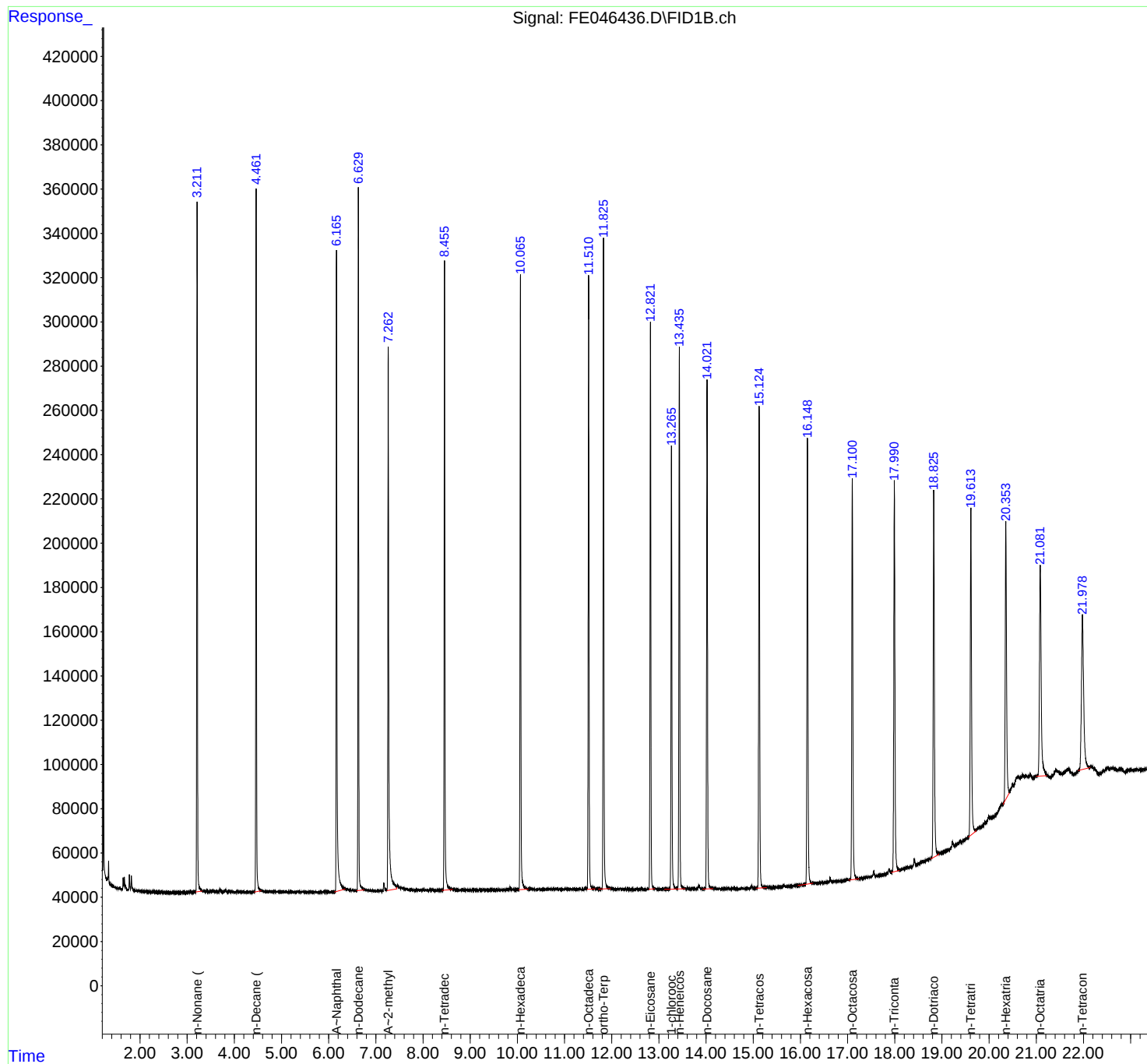
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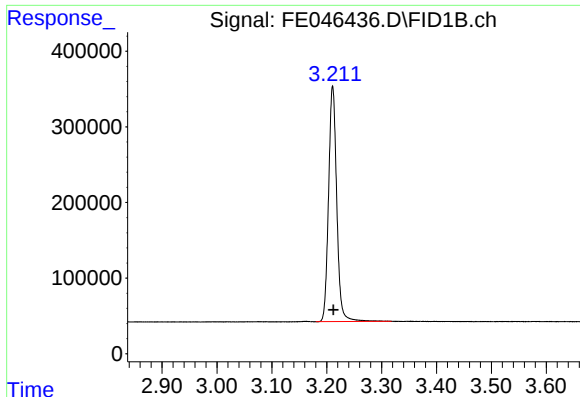
(m)=manual int.

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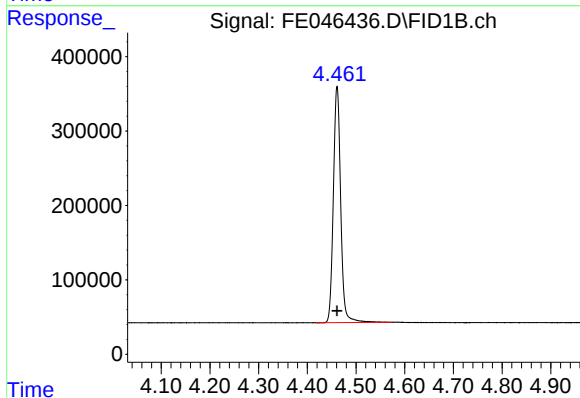
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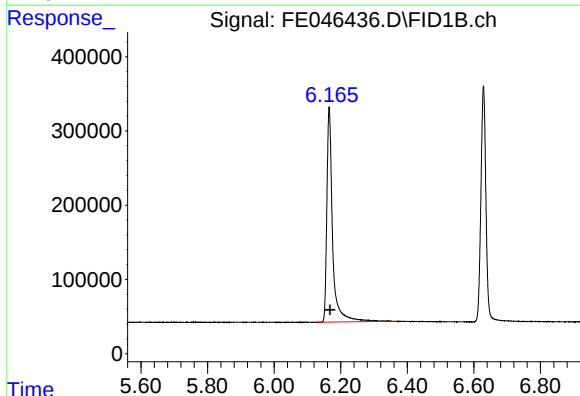
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: -0.001 min
Response: 3227737
Conc: 19.98 ug/ml



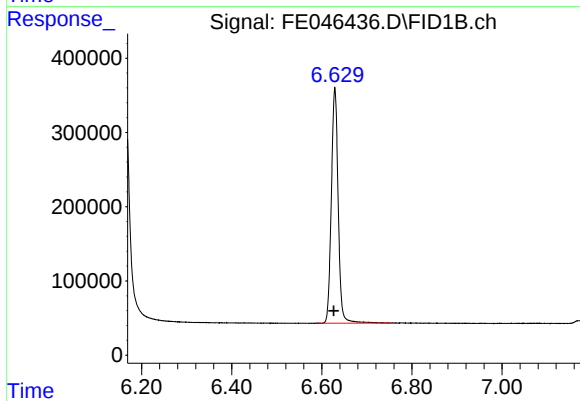
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 3308101
Conc: 20.19 ug/ml



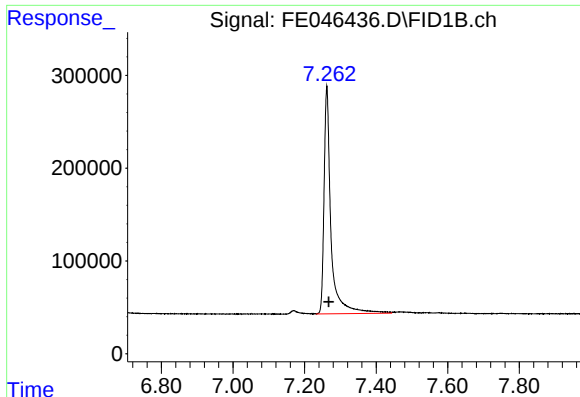
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 3464169
Conc: 20.26 ug/ml



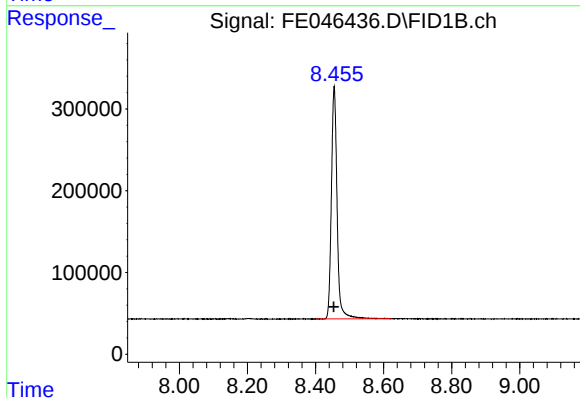
#4 n-Dodecane (C12)

R.T.: 6.629 min
Delta R.T.: 0.002 min
Response: 3344727
Conc: 20.22 ug/ml



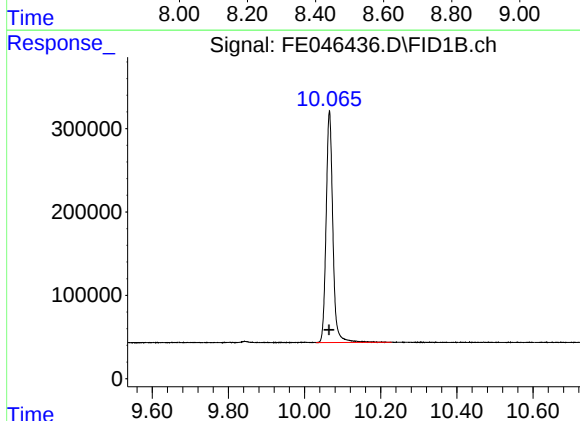
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: -0.005 min
Response: 3315676
Conc: 20.79 ug/ml



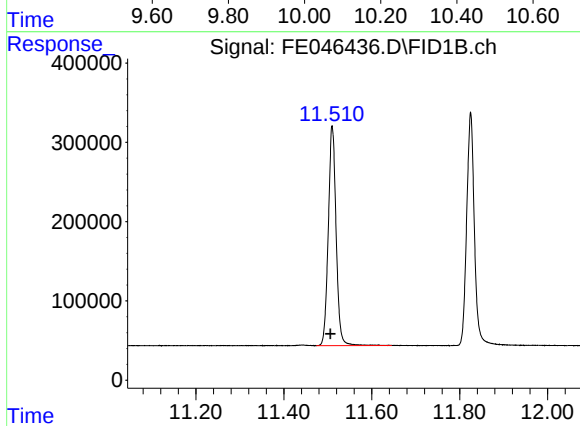
#6 n-Tetradecane (C14)

R.T.: 8.455 min
Delta R.T.: 0.000 min
Response: 3305433
Conc: 20.17 ug/ml



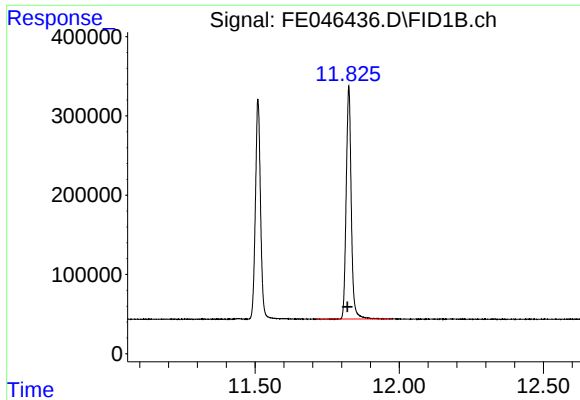
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: 0.001 min
Response: 3393362
Conc: 19.86 ug/ml



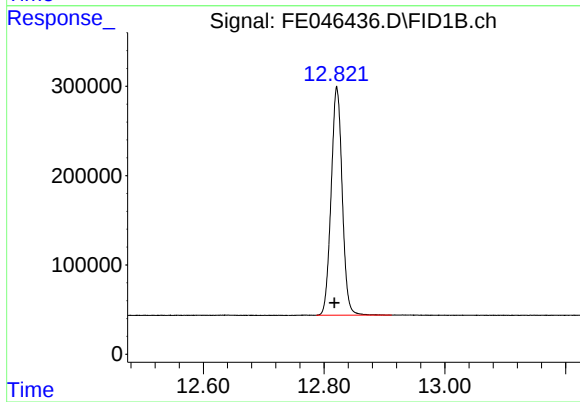
#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: 0.004 min
Response: 3419810
Conc: 19.62 ug/ml



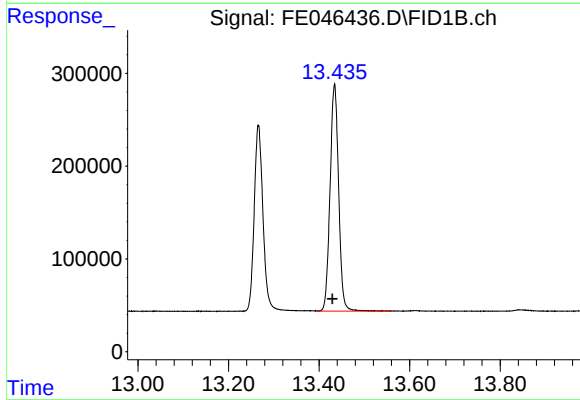
#9 ortho-Terphenyl (SURR)

R.T.: 11.825 min
Delta R.T.: 0.005 min
Response: 3579783
Conc: 19.36 ug/ml



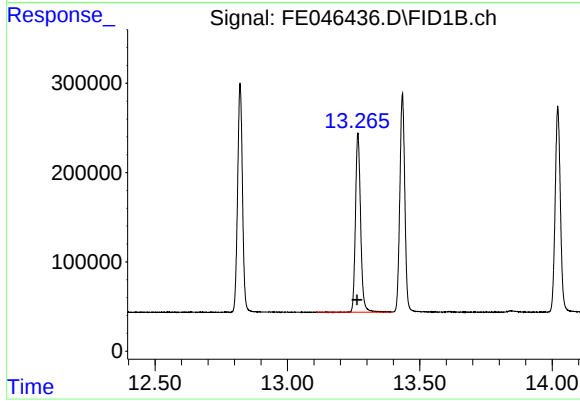
#10 n-Eicosane (C20)

R.T.: 12.821 min
Delta R.T.: 0.004 min
Response: 3256883
Conc: 19.18 ug/ml



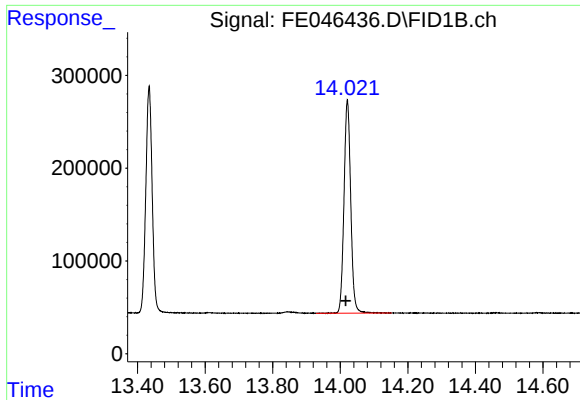
#11 n-Heneicosane (C21)

R.T.: 13.434 min
Delta R.T.: 0.005 min
Response: 3215698
Conc: 19.28 ug/ml



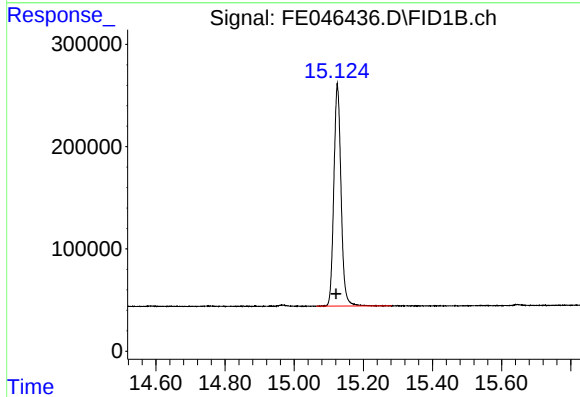
#12 1-chlorooctadecane (SURR)

R.T.: 13.266 min
Delta R.T.: 0.003 min
Response: 2713615
Conc: 19.07 ug/ml



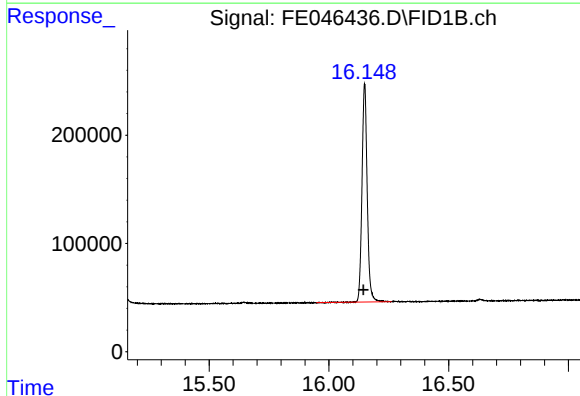
#13 n-Docosane (C22)

R.T.: 14.021 min
Delta R.T.: 0.005 min
Response: 3180218
Conc: 19.20 ug/ml



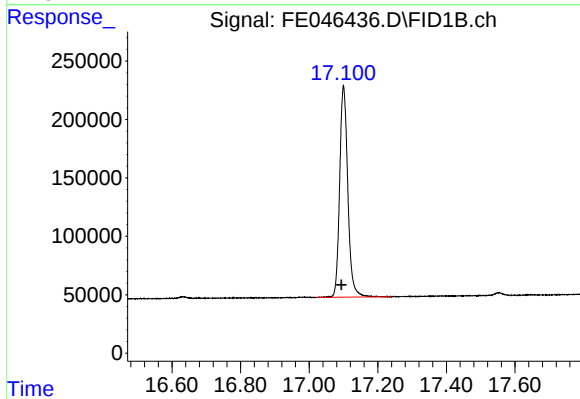
#14 n-Tetracosane (C24)

R.T.: 15.125 min
Delta R.T.: 0.004 min
Response: 3139016
Conc: 19.02 ug/ml



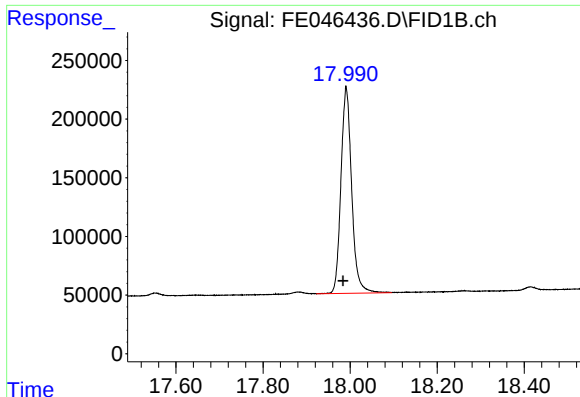
#15 n-Hexacosane (C26)

R.T.: 16.149 min
Delta R.T.: 0.005 min
Response: 3049281
Conc: 18.89 ug/ml



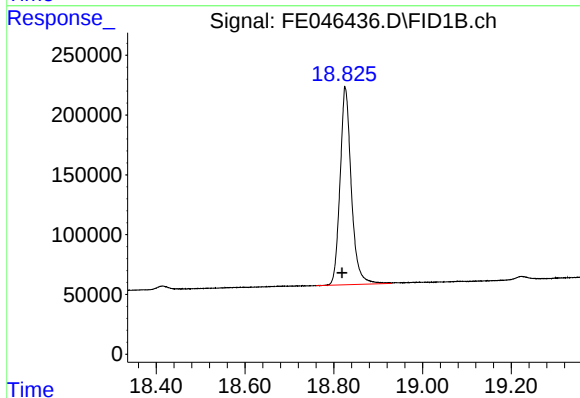
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: 0.005 min
Response: 2982736
Conc: 19.00 ug/ml



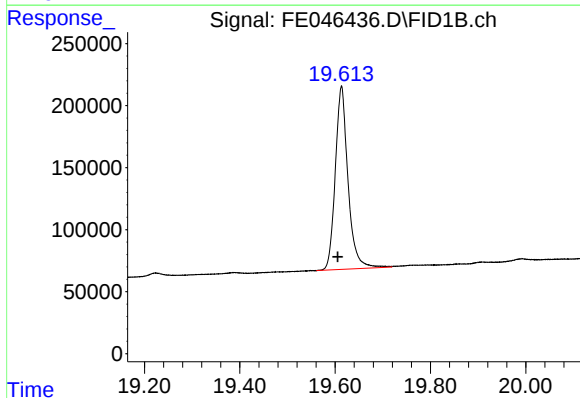
#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: 0.007 min
Response: 3000184
Conc: 19.15 ug/ml



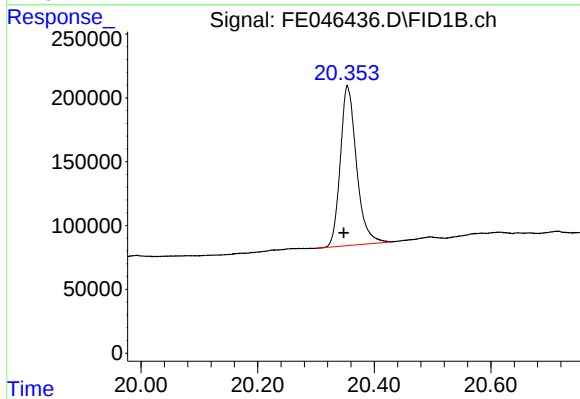
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: 0.007 min
Response: 2911781
Conc: 19.26 ug/ml



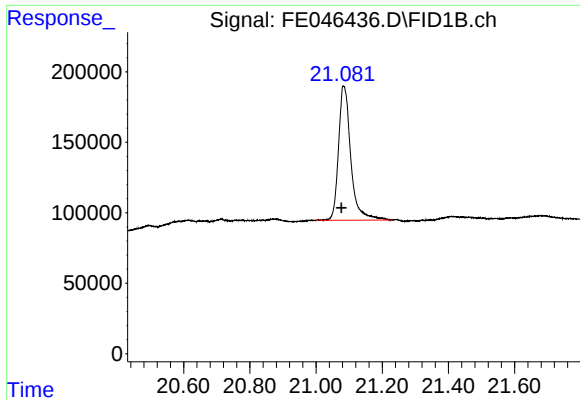
#19 n-Tetratriacontane (C34)

R.T.: 19.613 min
Delta R.T.: 0.008 min
Response: 2736441
Conc: 19.29 ug/ml



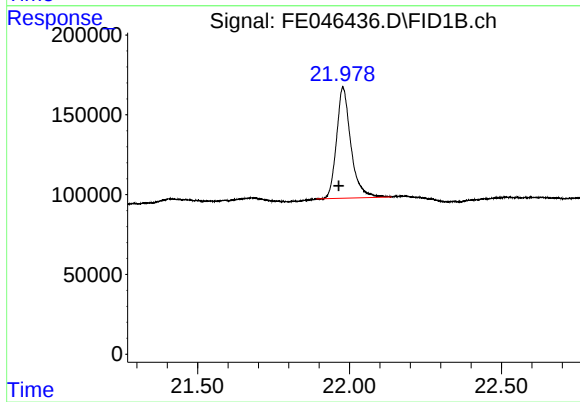
#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: 0.006 min
Response: 2407555
Conc: 17.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: 0.006 min
Response: 2453748
Conc: 19.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: 0.013 min
Response: 2280462
Conc: 18.24 ug/ml