

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020624AL\
 Data File : FE046627.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2024 22:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 10:18:01 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)	11.811	3205643	17.336 ug/ml
Spiked Amount 50.000		Recovery =	34.67%
12) S 1-chlorooctadecane (S...	13.253	2425051	17.045 ug/ml
Spiked Amount 50.000		Recovery =	34.09%
Target Compounds			
1) T n-Nonane (C9)	3.201	3003692	18.596 ug/ml
2) T n-Decane (C10)	4.452	3111388	18.985 ug/ml
3) T A~Naphthalene (C11.7)	6.156	3207805	18.759 ug/ml
4) T n-Dodecane (C12)	6.619	3132900	18.940 ug/ml
5) T A~2-methylnaphthalene...	7.252	3019714	18.933 ug/ml
6) T n-Tetradecane (C14)	8.445	3061270	18.678 ug/ml
7) T n-Hexadecane (C16)	10.053	3104953	18.170 ug/ml
8) T n-Octadecane (C18)	11.497	3099133	17.777 ug/ml
10) T n-Eicosane (C20)	12.806	2933312	17.277 ug/ml
11) T n-Heneicosane (C21)	13.419	2860373	17.150 ug/ml
13) T n-Docosane (C22)	14.006	2843913	17.166 ug/ml
14) T n-Tetracosane (C24)	15.110	2817563	17.076 ug/ml
15) T n-Hexacosane (C26)	16.132	2757116	17.082 ug/ml
16) T n-Octacosane (C28)	17.082	2730689	17.395 ug/ml
17) T n-Tricontane (C30)	17.972	2792903	17.831 ug/ml
18) T n-Dotriacontane (C32)	18.806	2749279	18.188 ug/ml
19) T n-Tetratriacontane (C34)	19.591	2619581	18.469 ug/mlm
20) T n-Hexatriacontane (C36)	20.330	2528032	18.340 ug/mlm
21) T n-Octatriacontane (C38)	21.058	2533072	19.760 ug/ml
22) T n-Tetracontane (C40)	21.940	2620696	20.959 ug/ml

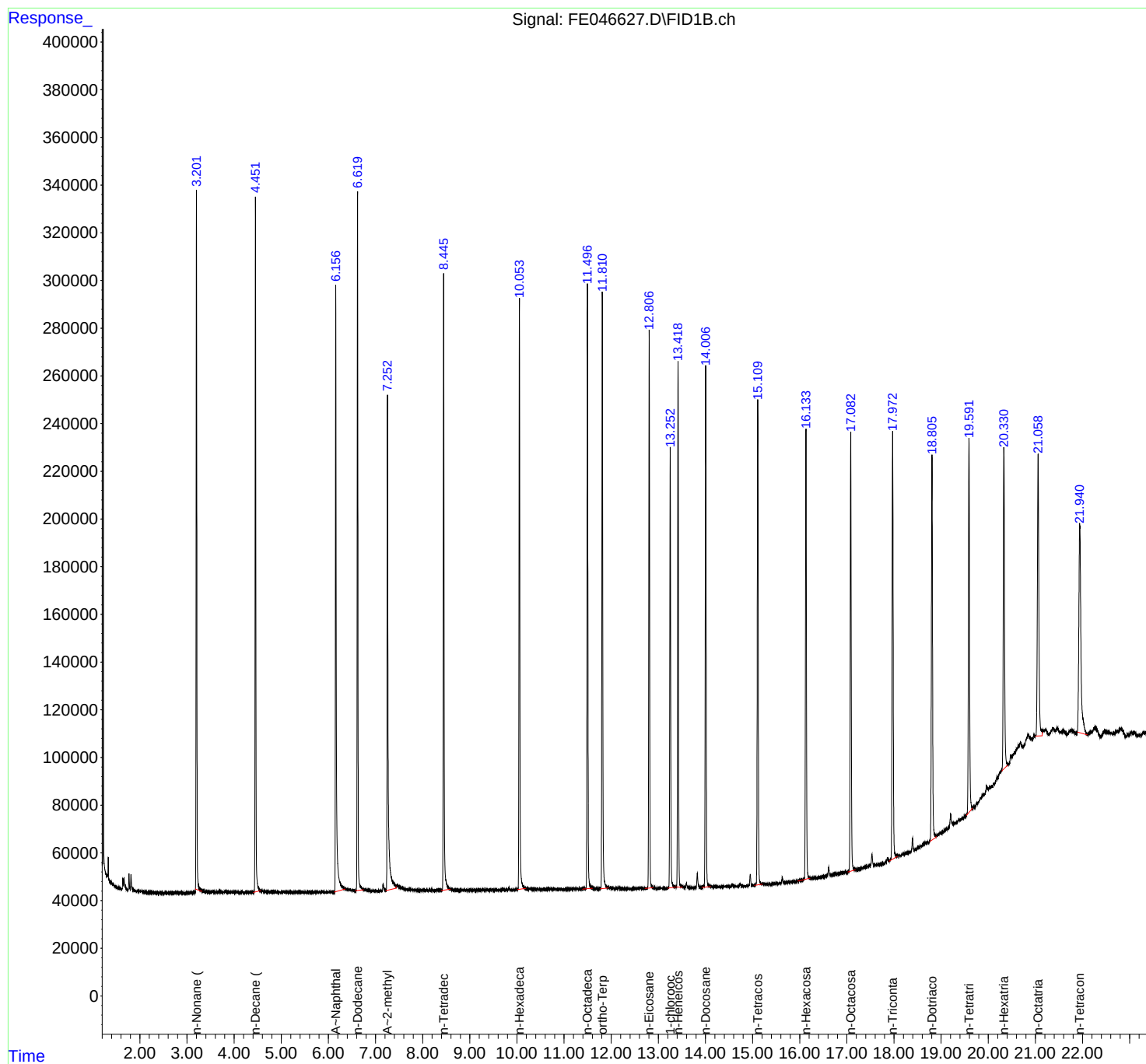
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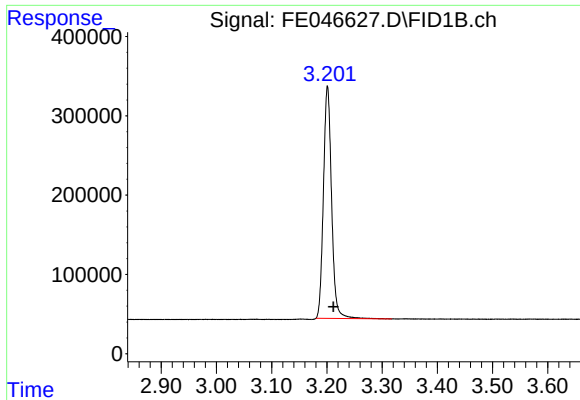
(m)=manual int.

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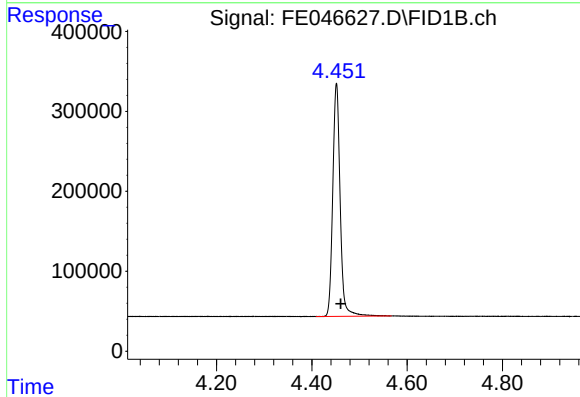
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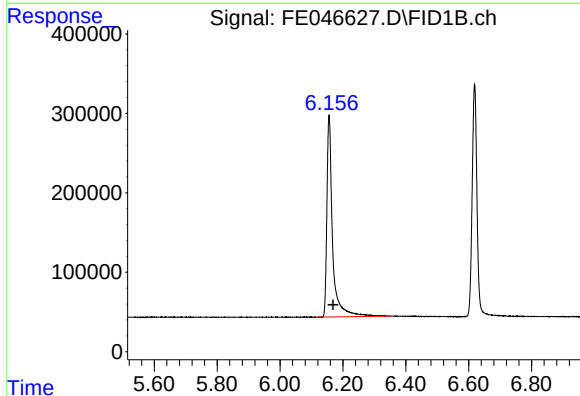
#1 n-Nonane (C9)

R.T.: 3.201 min
Delta R.T.: -0.011 min
Response: 3003692
Conc: 18.60 ug/ml



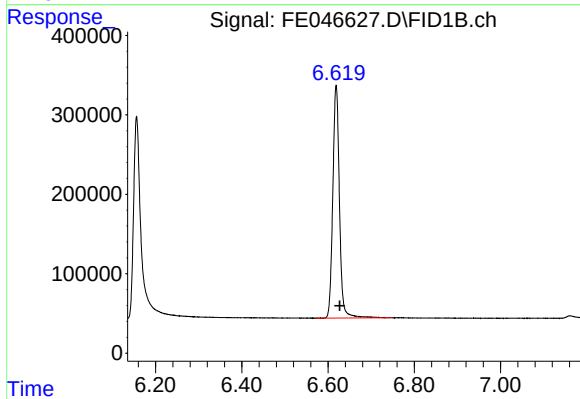
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: -0.009 min
Response: 3111388
Conc: 18.99 ug/ml



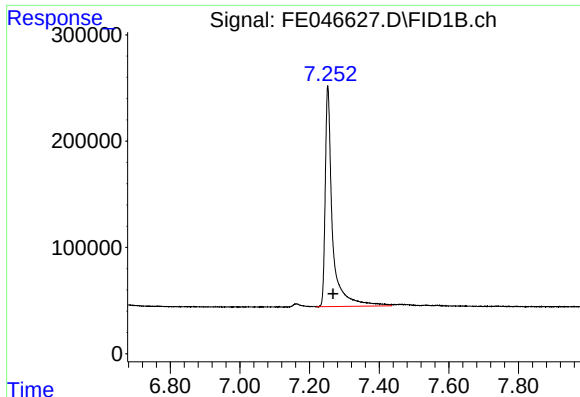
#3 A~Naphthalene (C11.7)

R.T.: 6.156 min
Delta R.T.: -0.013 min
Response: 3207805
Conc: 18.76 ug/ml



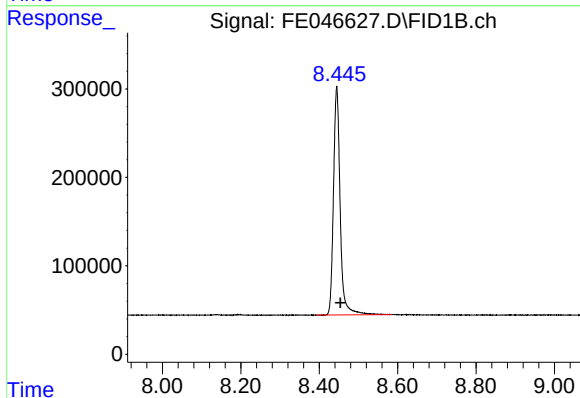
#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: -0.008 min
Response: 3132900
Conc: 18.94 ug/ml



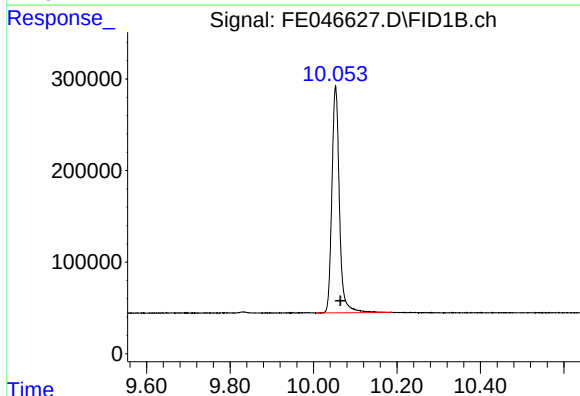
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.252 min
Delta R.T.: -0.015 min
Response: 3019714
Conc: 18.93 ug/ml



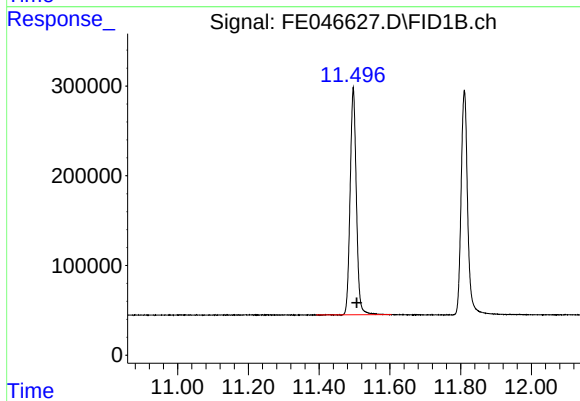
#6 n-Tetradecane (C14)

R.T.: 8.445 min
Delta R.T.: -0.009 min
Response: 3061270
Conc: 18.68 ug/ml



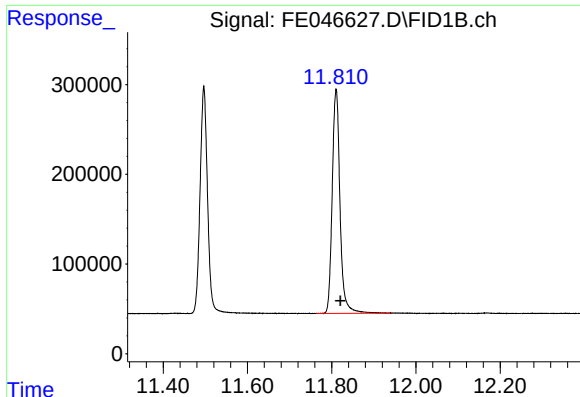
#7 n-Hexadecane (C16)

R.T.: 10.053 min
Delta R.T.: -0.011 min
Response: 3104953
Conc: 18.17 ug/ml



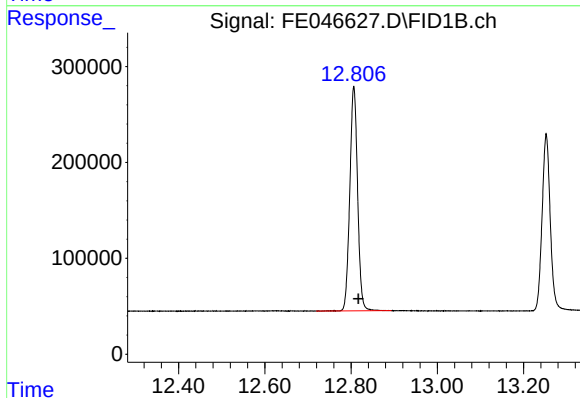
#8 n-Octadecane (C18)

R.T.: 11.497 min
Delta R.T.: -0.010 min
Response: 3099133
Conc: 17.78 ug/ml



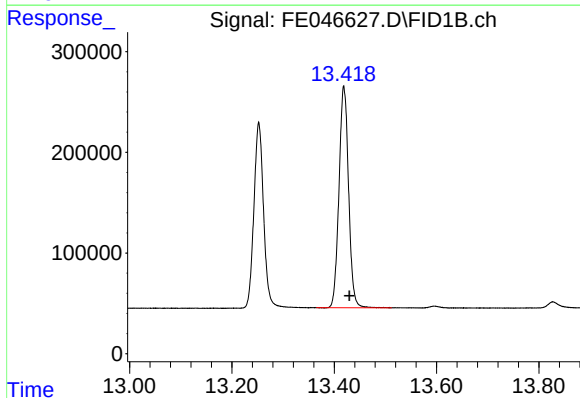
#9 ortho-Terphenyl (SURR)

R.T.: 11.811 min
Delta R.T.: -0.010 min
Response: 3205643
Conc: 17.34 ug/ml



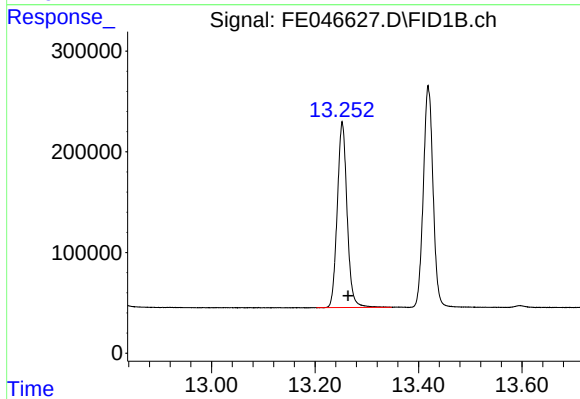
#10 n-Eicosane (C20)

R.T.: 12.806 min
Delta R.T.: -0.011 min
Response: 2933312
Conc: 17.28 ug/ml



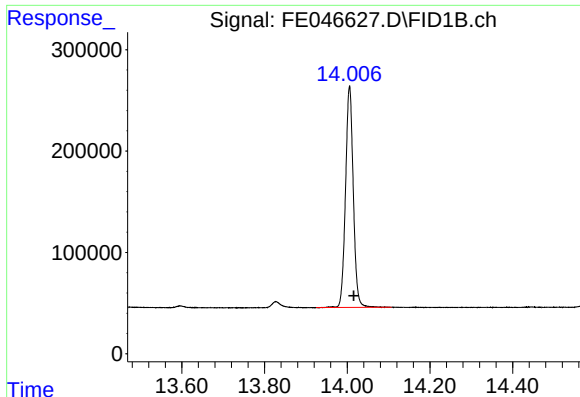
#11 n-Heneicosane (C21)

R.T.: 13.419 min
Delta R.T.: -0.011 min
Response: 2860373
Conc: 17.15 ug/ml



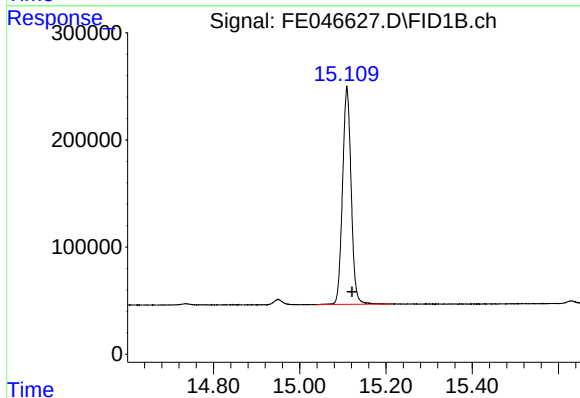
#12 1-chlorooctadecane (SURR)

R.T.: 13.253 min
Delta R.T.: -0.011 min
Response: 2425051
Conc: 17.04 ug/ml



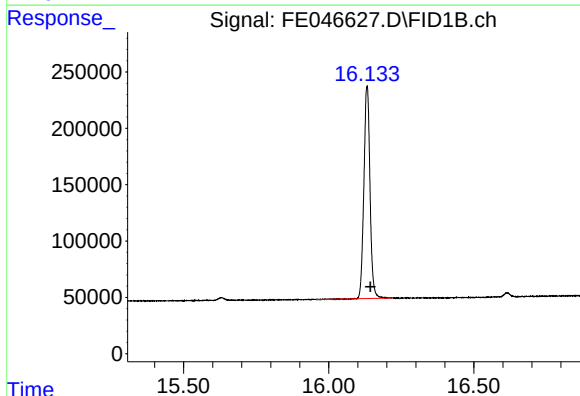
#13 n-Docosane (C22)

R.T.: 14.006 min
Delta R.T.: -0.010 min
Response: 2843913
Conc: 17.17 ug/ml



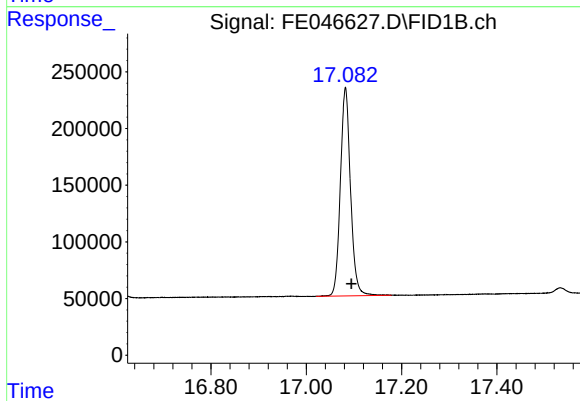
#14 n-Tetracosane (C24)

R.T.: 15.110 min
Delta R.T.: -0.012 min
Response: 2817563
Conc: 17.08 ug/ml



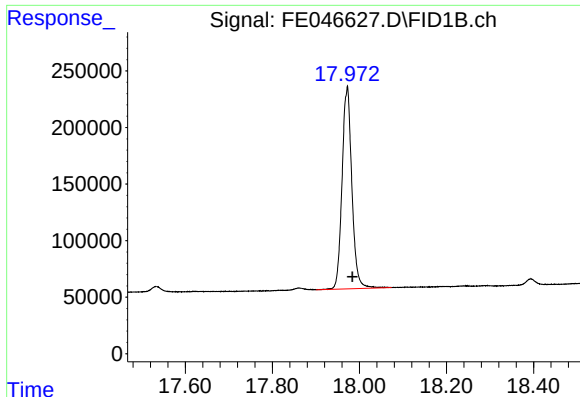
#15 n-Hexacosane (C26)

R.T.: 16.132 min
Delta R.T.: -0.012 min
Response: 2757116
Conc: 17.08 ug/ml



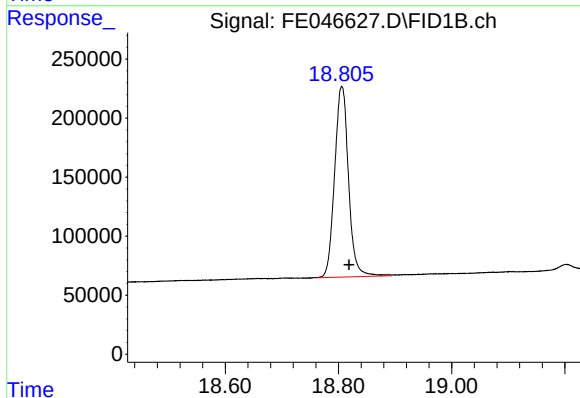
#16 n-Octacosane (C28)

R.T.: 17.082 min
Delta R.T.: -0.012 min
Response: 2730689
Conc: 17.40 ug/ml



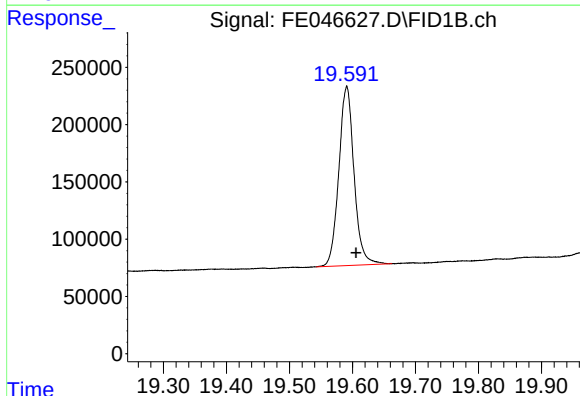
#17 n-Tricontane (C30)

R.T.: 17.972 min
Delta R.T.: -0.011 min
Response: 2792903
Conc: 17.83 ug/ml



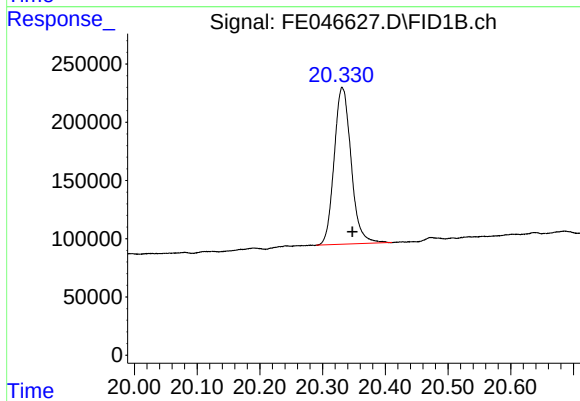
#18 n-Dotriacontane (C32)

R.T.: 18.806 min
Delta R.T.: -0.013 min
Response: 2749279
Conc: 18.19 ug/ml



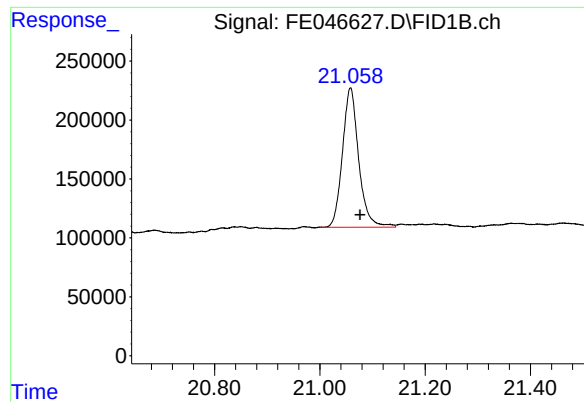
#19 n-Tetratriacontane (C34)

R.T.: 19.591 min
Delta R.T.: -0.015 min
Response: 2619581
Conc: 18.47 ug/ml m



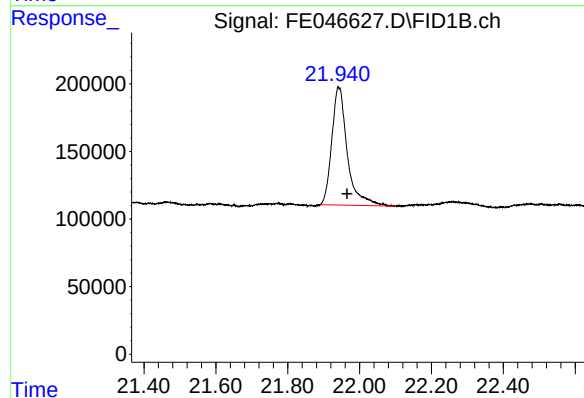
#20 n-Hexatriacontane (C36)

R.T.: 20.330 min
Delta R.T.: -0.017 min
Response: 2528032
Conc: 18.34 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.058 min
Delta R.T.: -0.018 min
Response: 2533072
Conc: 19.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.940 min
Delta R.T.: -0.024 min
Response: 2620696
Conc: 20.96 ug/ml