

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020124AL\
 Data File : FE046523.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2024 09:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Feb 02 09:32:01 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)	11.821	4018630	21.733 ug/ml
Spiked Amount 50.000		Recovery =	43.47%
12) S 1-chlorooctadecane (S...	13.262	3038019	21.353 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
Target Compounds			
1) T n-Nonane (C9)	3.206	3592426	22.240 ug/ml
2) T n-Decane (C10)	4.457	3760902	22.948 ug/ml
3) T A~Naphthalene (C11.7)	6.161	3967004	23.199 ug/ml
4) T n-Dodecane (C12)	6.624	3823321	23.114 ug/ml
5) T A~2-methylnaphthalene...	7.258	3791662	23.774 ug/ml
6) T n-Tetradecane (C14)	8.450	3774167	23.028 ug/ml
7) T n-Hexadecane (C16)	10.060	3861784	22.599 ug/ml
8) T n-Octadecane (C18)	11.506	3873299	22.217 ug/ml
10) T n-Eicosane (C20)	12.817	3662581	21.572 ug/ml
11) T n-Heneicosane (C21)	13.430	3576307	21.442 ug/ml
13) T n-Docosane (C22)	14.016	3534869	21.337 ug/ml
14) T n-Tetracosane (C24)	15.122	3478979	21.084 ug/ml
15) T n-Hexacosane (C26)	16.144	3394458	21.031 ug/ml
16) T n-Octacosane (C28)	17.096	3334017	21.238 ug/ml
17) T n-Tricontane (C30)	17.986	3401053	21.714 ug/ml
18) T n-Dotriacontane (C32)	18.820	3292630	21.782 ug/ml
19) T n-Tetratriacontane (C34)	19.606	3157536	22.262 ug/ml
20) T n-Hexatriacontane (C36)	20.348	2935277	21.295 ug/ml
21) T n-Octatriacontane (C38)	21.077	2938106	22.919 ug/ml
22) T n-Tetracontane (C40)	21.968	3040919	24.320 ug/ml

(f)=RT Delta > 1/2 Window

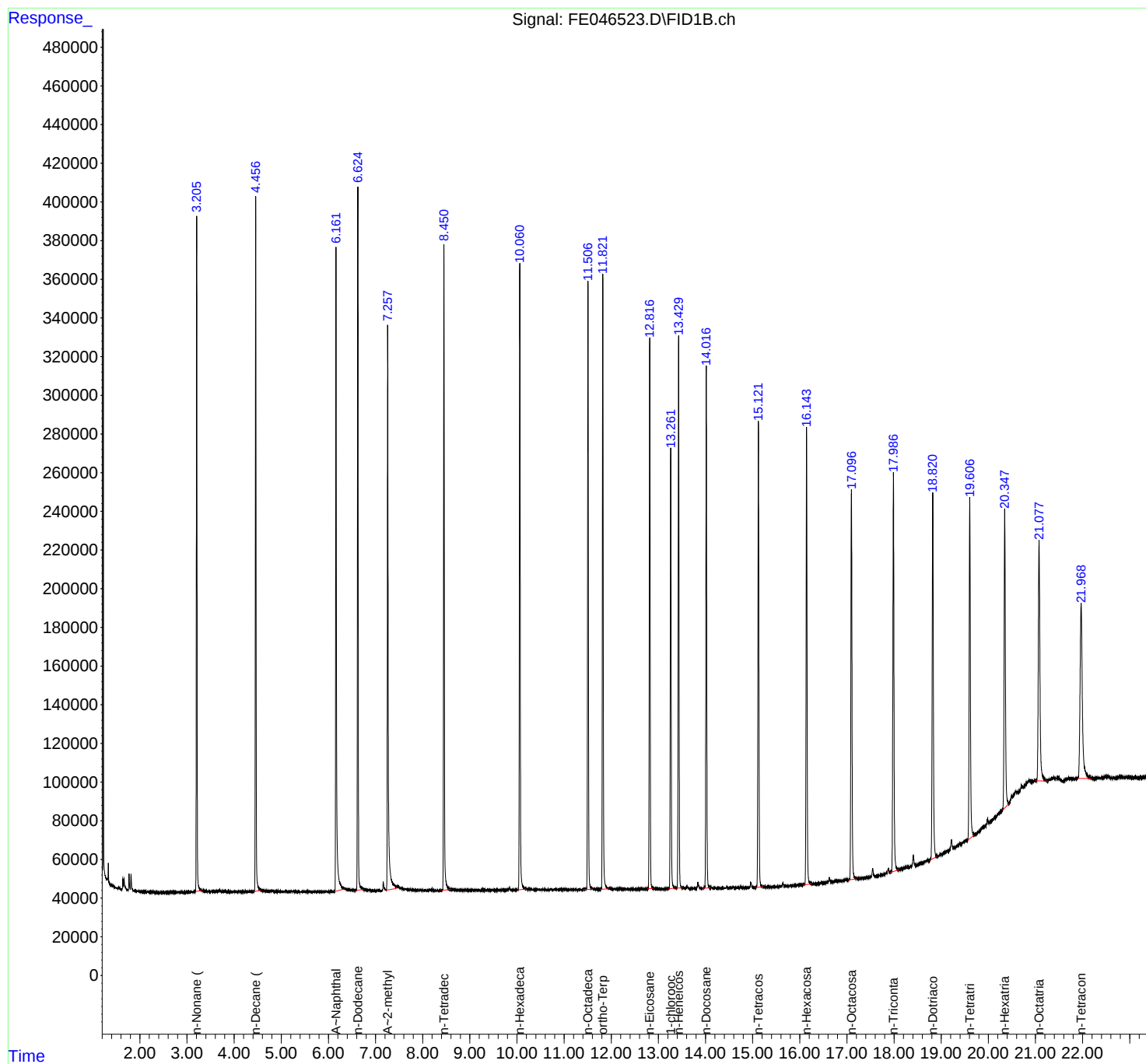
(m)=manual int.

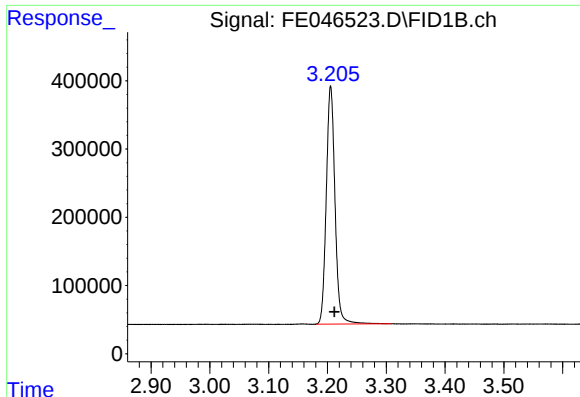
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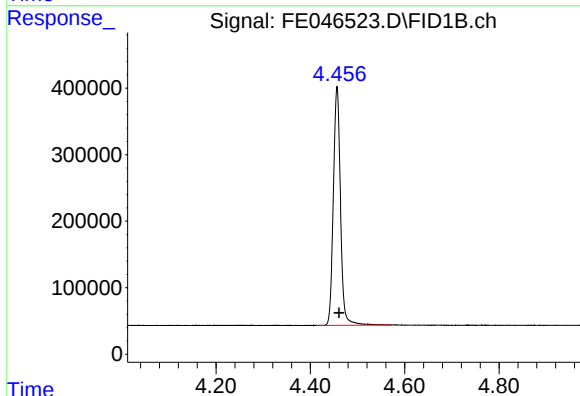




#1 n-Nonane (C9)

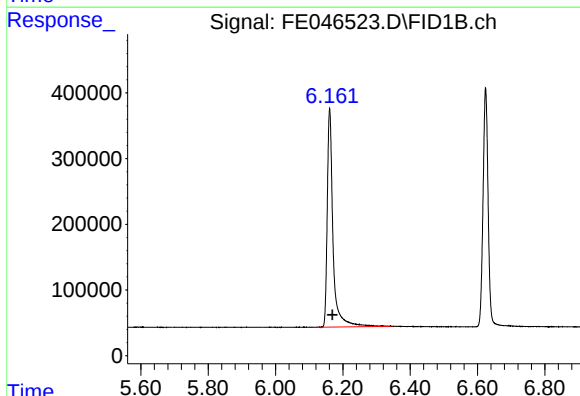
R.T.: 3.206 min
Delta R.T.: -0.006 min
Response: 3592426
Conc: 22.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



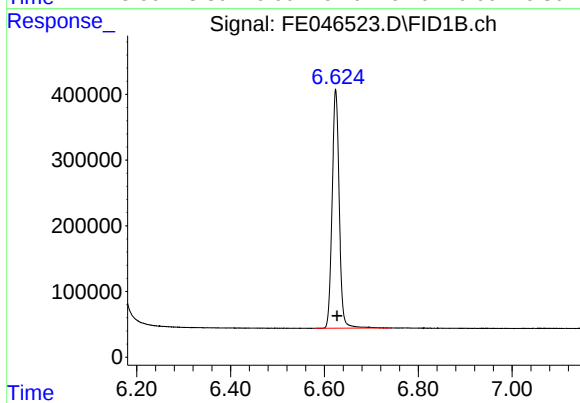
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.004 min
Response: 3760902
Conc: 22.95 ug/ml



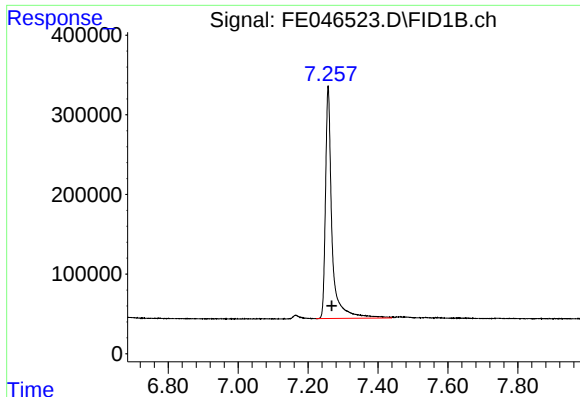
#3 A~Naphthalene (C11.7)

R.T.: 6.161 min
Delta R.T.: -0.008 min
Response: 3967004
Conc: 23.20 ug/ml



#4 n-Dodecane (C12)

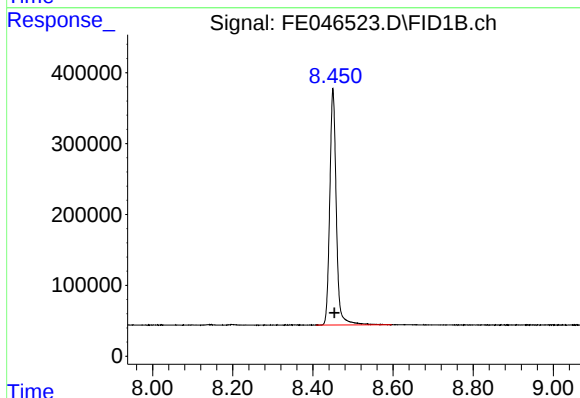
R.T.: 6.624 min
Delta R.T.: -0.003 min
Response: 3823321
Conc: 23.11 ug/ml



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

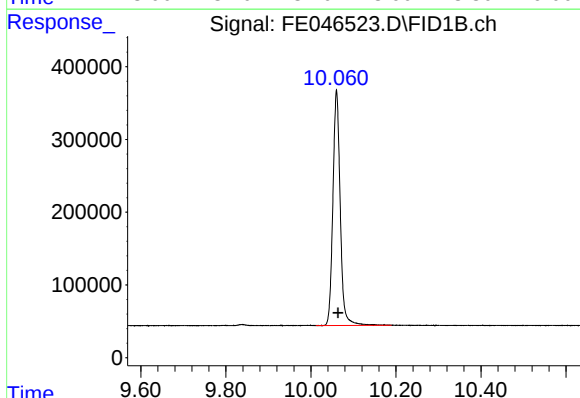
R.T.: 7.258 min
Delta R.T.: -0.010 min
Response: 3791662
Conc: 23.77 ug/ml

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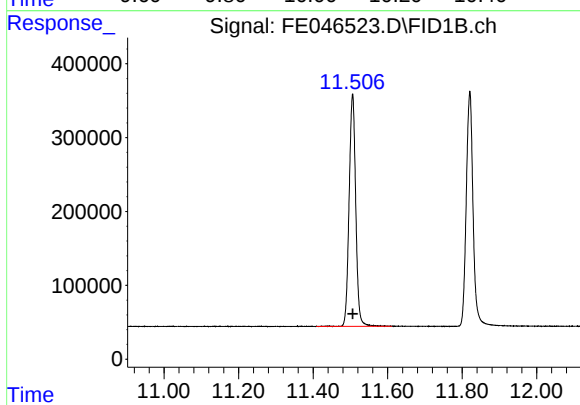
#6 n-Tetradecane (C14)

R.T.: 8.450 min
Delta R.T.: -0.004 min
Response: 3774167
Conc: 23.03 ug/ml



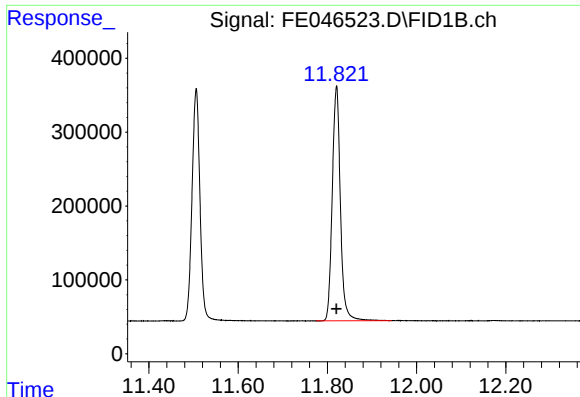
#7 n-Hexadecane (C16)

R.T.: 10.060 min
Delta R.T.: -0.004 min
Response: 3861784
Conc: 22.60 ug/ml



#8 n-Octadecane (C18)

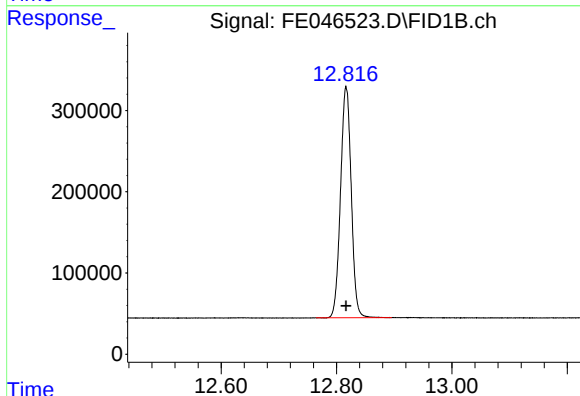
R.T.: 11.506 min
Delta R.T.: 0.000 min
Response: 3873299
Conc: 22.22 ug/ml



#9 ortho-Terphenyl (SURR)

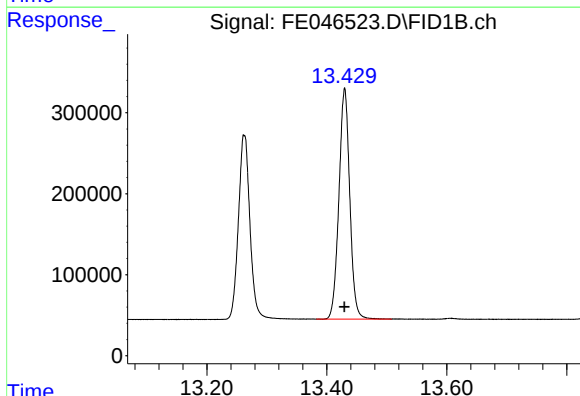
R.T.: 11.821 min
Delta R.T.: 0.000 min
Response: 4018630
Conc: 21.73 ug/ml

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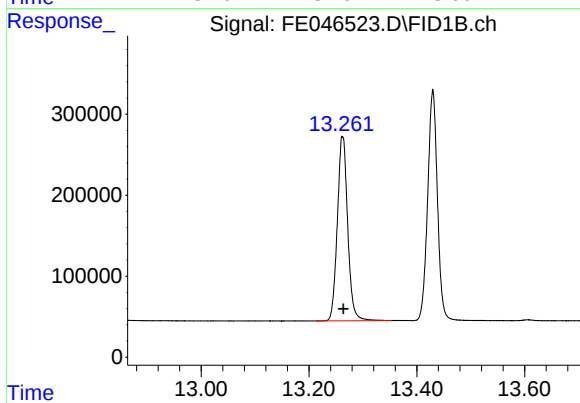
#10 n-Eicosane (C20)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 3662581
Conc: 21.57 ug/ml



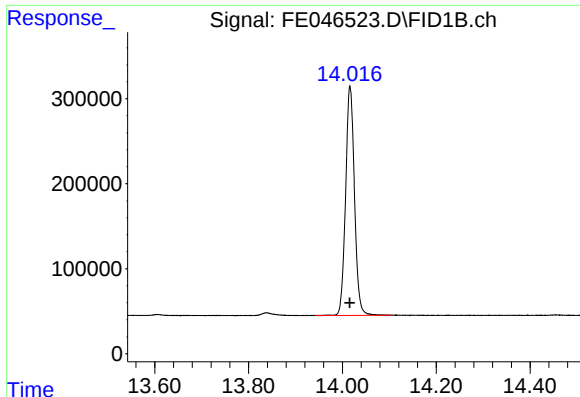
#11 n-Heneicosane (C21)

R.T.: 13.430 min
Delta R.T.: 0.000 min
Response: 3576307
Conc: 21.44 ug/ml



#12 1-chlorooctadecane (SURR)

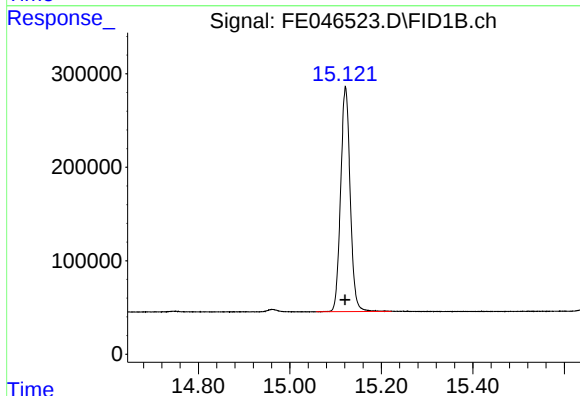
R.T.: 13.262 min
Delta R.T.: -0.001 min
Response: 3038019
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

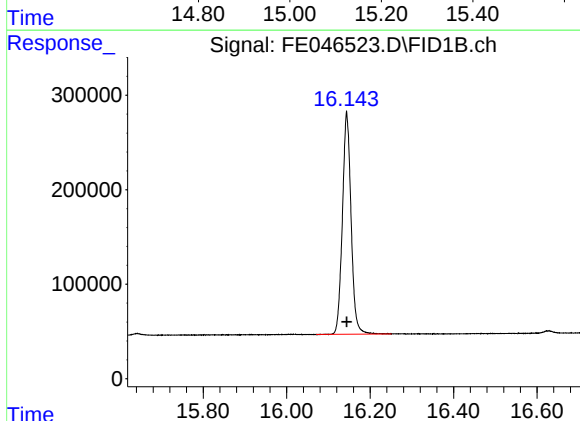
R.T.: 14.016 min
Delta R.T.: 0.000 min
Response: 3534869
Conc: 21.34 ug/ml

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20 PPM ALIPHATIC HC STD



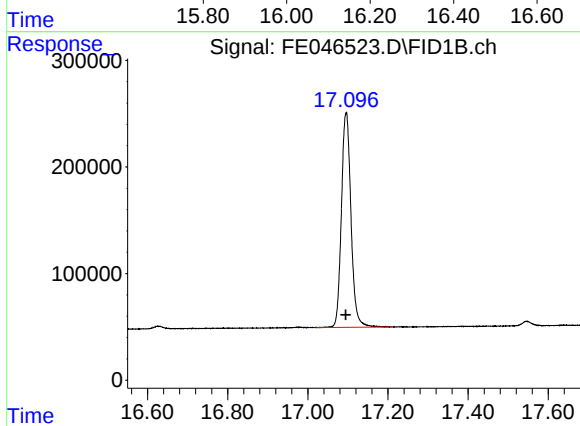
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: 0.000 min
Response: 3478979
Conc: 21.08 ug/ml



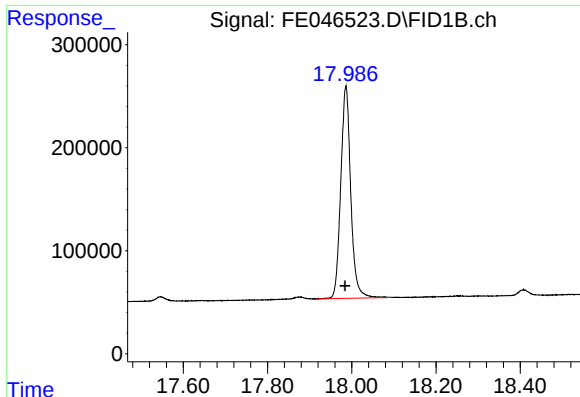
#15 n-Hexacosane (C26)

R.T.: 16.144 min
Delta R.T.: 0.000 min
Response: 3394458
Conc: 21.03 ug/ml



#16 n-Octacosane (C28)

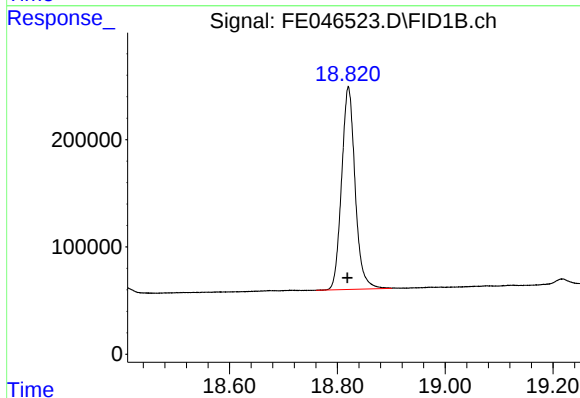
R.T.: 17.096 min
Delta R.T.: 0.001 min
Response: 3334017
Conc: 21.24 ug/ml



#17 n-Tricontane (C30)

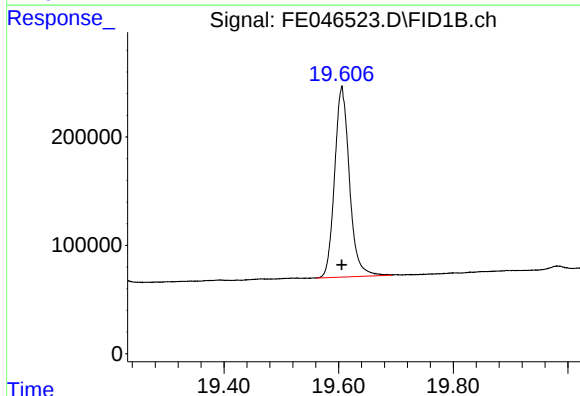
R.T.: 17.986 min
Delta R.T.: 0.002 min
Response: 3401053
Conc: 21.71 ug/ml

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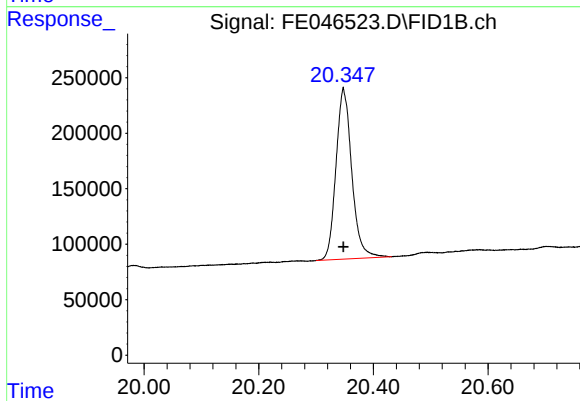
#18 n-Dotriacontane (C32)

R.T.: 18.820 min
Delta R.T.: 0.002 min
Response: 3292630
Conc: 21.78 ug/ml



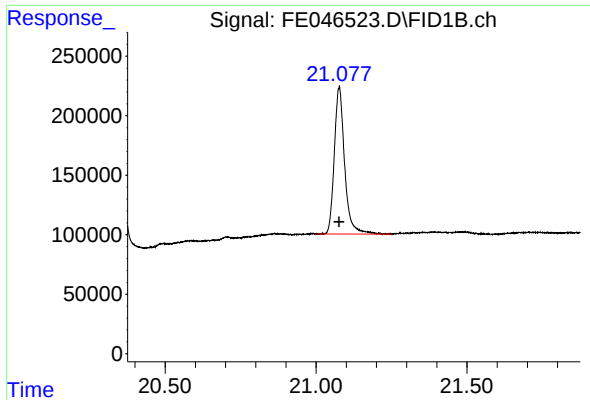
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: 0.000 min
Response: 3157536
Conc: 22.26 ug/ml



#20 n-Hexatriacontane (C36)

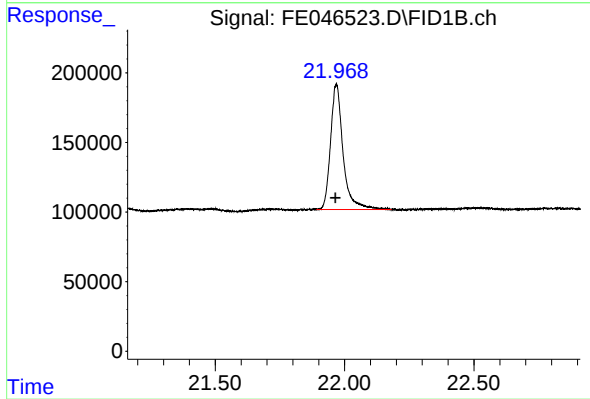
R.T.: 20.348 min
Delta R.T.: 0.000 min
Response: 2935277
Conc: 21.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: 0.000 min
Response: 2938106
Conc: 22.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: 0.003 min
Response: 3040919
Conc: 24.32 ug/ml