

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111823AL\
 Data File : FE045445.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2023 10:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 20 02:56:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.876	3706206	19.412 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
12) S 1-chlorooctadecane (S...	13.319	2652301	19.256 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
Target Compounds			
1) T n-Nonane (C9)	3.261	3312299	20.050 ug/ml
2) T n-Decane (C10)	4.513	3353924	20.002 ug/ml
3) T A~Naphthalene (C11.7)	6.213	3552374	19.901 ug/ml
4) T n-Dodecane (C12)	6.679	3376063	19.990 ug/ml
5) T A~2-methylnaphthalene...	7.310	3383818	19.706 ug/ml
6) T n-Tetradecane (C14)	8.506	3308250	19.850 ug/ml
7) T n-Hexadecane (C16)	10.117	3295460	19.592 ug/ml
8) T n-Octadecane (C18)	11.563	3236677	19.338 ug/ml
10) T n-Eicosane (C20)	12.874	3053400	19.275 ug/ml
11) T n-Heneicosane (C21)	13.487	2966955	19.296 ug/ml
13) T n-Docosane (C22)	14.074	2912869	19.225 ug/ml
14) T n-Tetracosane (C24)	15.180	2846242	19.217 ug/ml
15) T n-Hexacosane (C26)	16.204	2800311	19.212 ug/ml
16) T n-Octacosane (C28)	17.156	2785482	19.062 ug/ml
17) T n-Tricontane (C30)	18.046	2859241	18.823 ug/ml
18) T n-Dotriacontane (C32)	18.882	2944041	18.845 ug/ml
19) T n-Tetratriacontane (C34)	19.667	3034125	19.432 ug/ml
20) T n-Hexatriacontane (C36)	20.408	3173902	19.554 ug/ml
21) T n-Octatriacontane (C38)	21.148	3321550	19.992 ug/ml
22) T n-Tetracontane (C40)	22.057	3178967	18.611 ug/ml

(f)=RT Delta > 1/2 Window

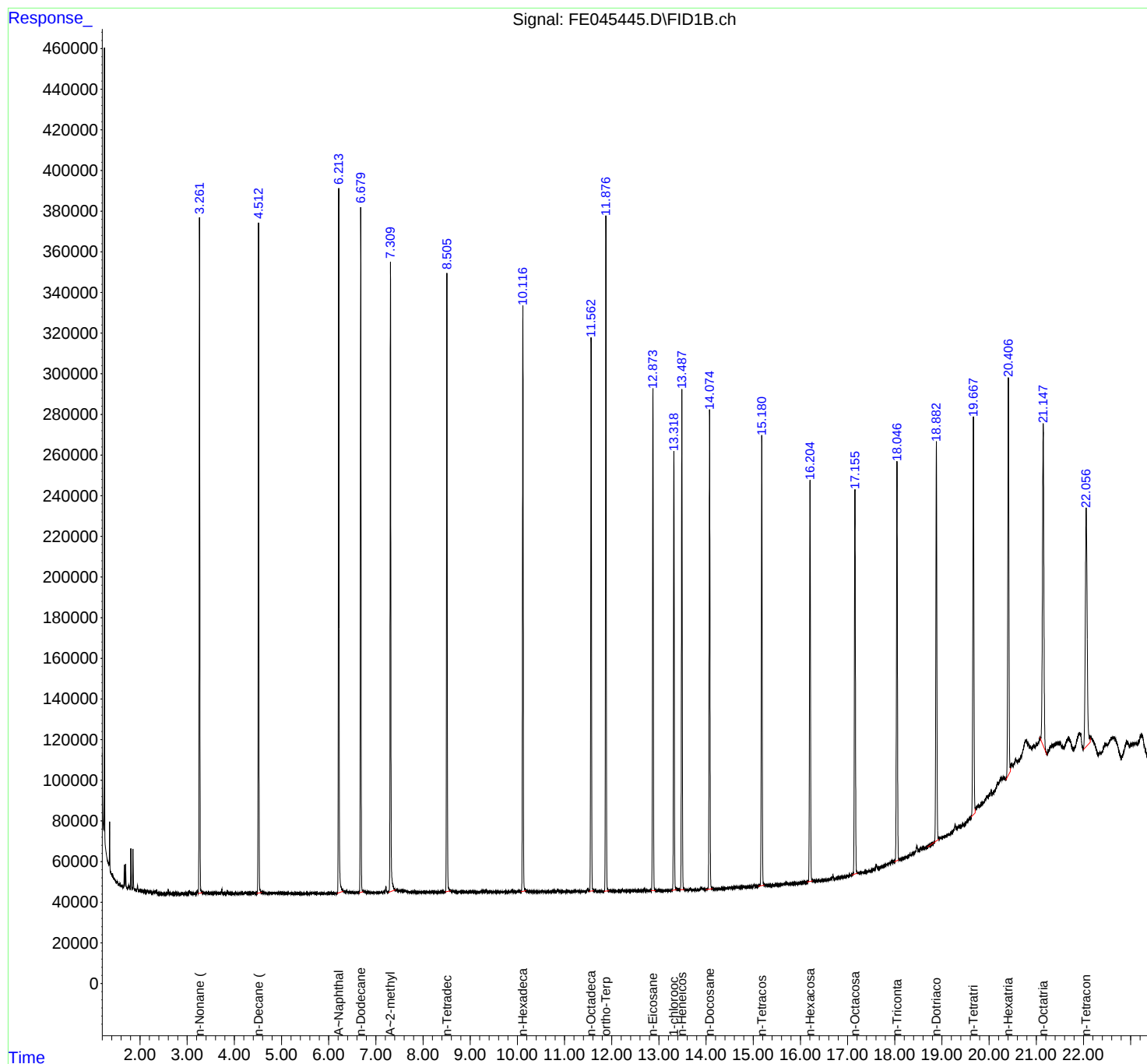
(m)=manual int.

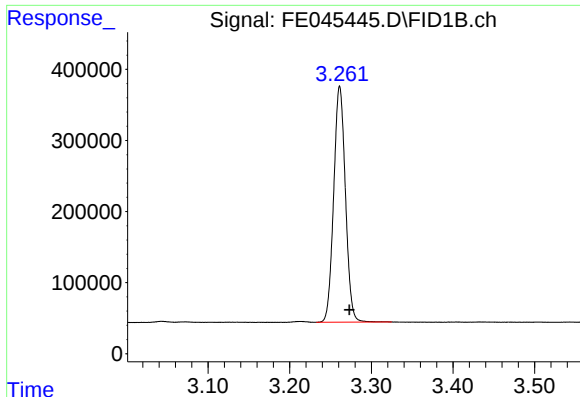
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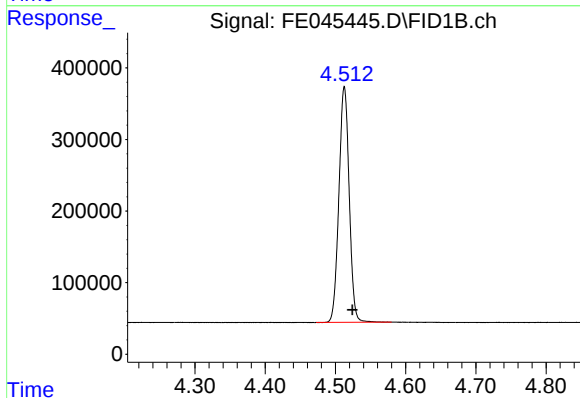




#1 n-Nonane (C9)

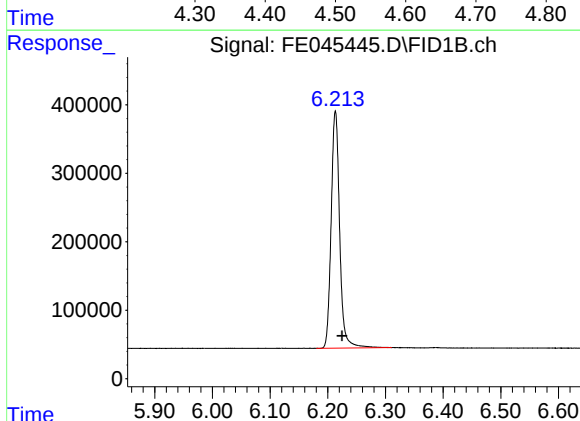
R.T.: 3.261 min
Delta R.T.: -0.012 min
Response: 3312299
Conc: 20.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



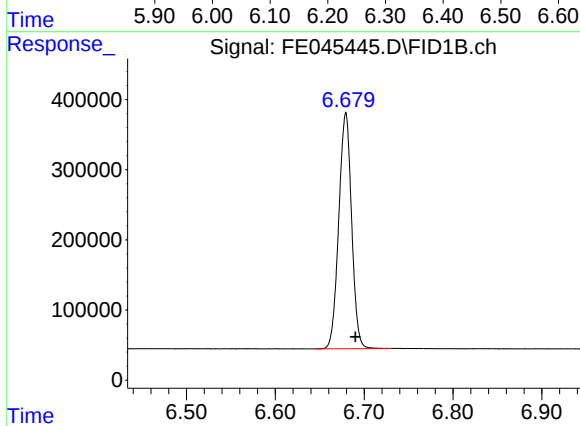
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.012 min
Response: 3353924
Conc: 20.00 ug/ml



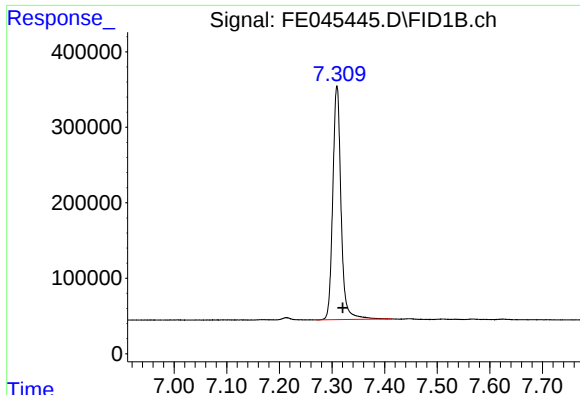
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.011 min
Response: 3552374
Conc: 19.90 ug/ml



#4 n-Dodecane (C12)

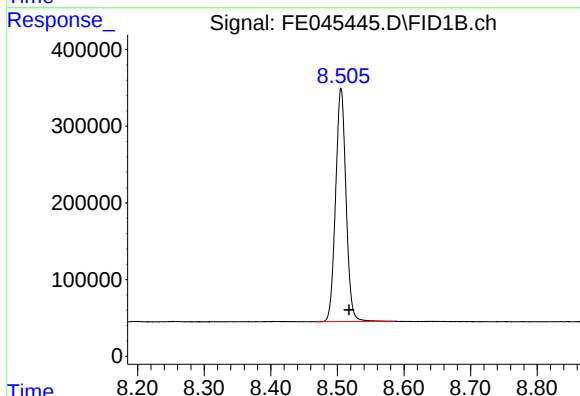
R.T.: 6.679 min
Delta R.T.: -0.011 min
Response: 3376063
Conc: 19.99 ug/ml



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

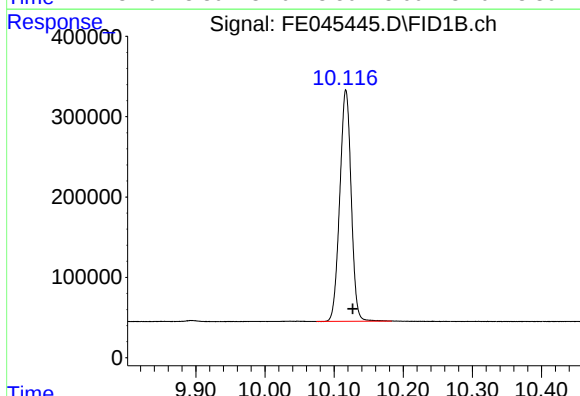
R.T.: 7.310 min
Delta R.T.: -0.011 min
Response: 3383818
Conc: 19.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



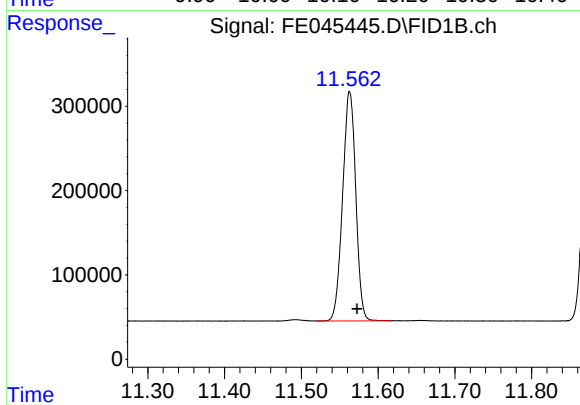
#6 n-Tetradecane (C14)

R.T.: 8.506 min
Delta R.T.: -0.012 min
Response: 3308250
Conc: 19.85 ug/ml



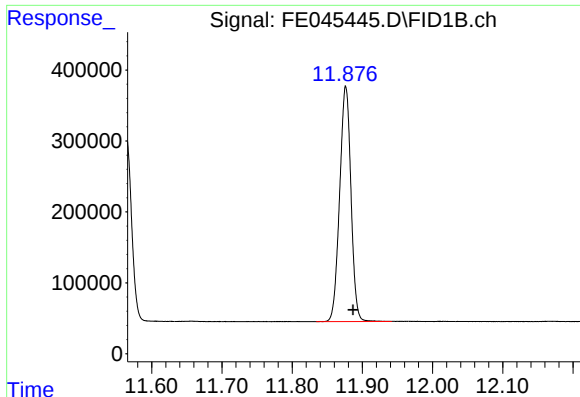
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: -0.010 min
Response: 3295460
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

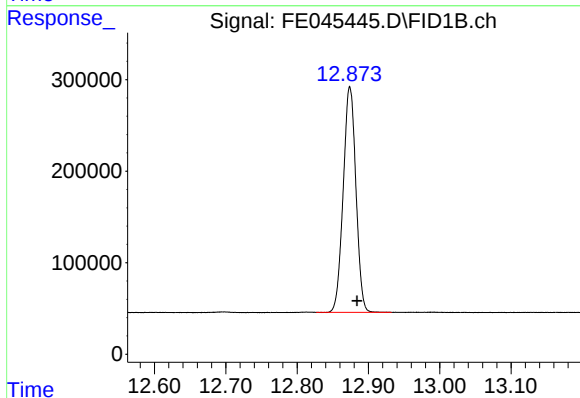
R.T.: 11.563 min
Delta R.T.: -0.010 min
Response: 3236677
Conc: 19.34 ug/ml



#9 ortho-Terphenyl (SURR)

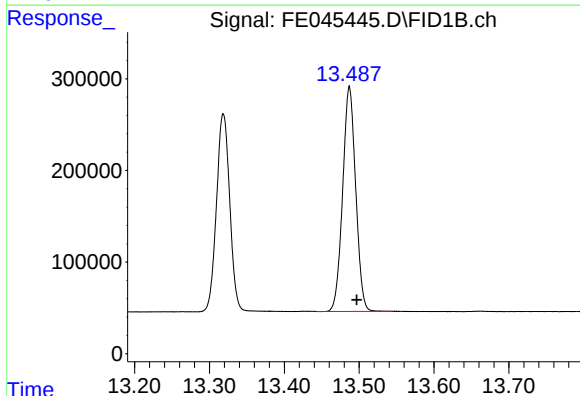
R.T.: 11.876 min
Delta R.T.: -0.010 min
Response: 3706206
Conc: 19.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



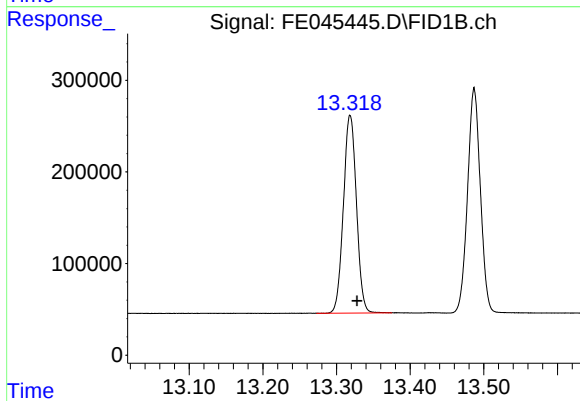
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.010 min
Response: 3053400
Conc: 19.28 ug/ml



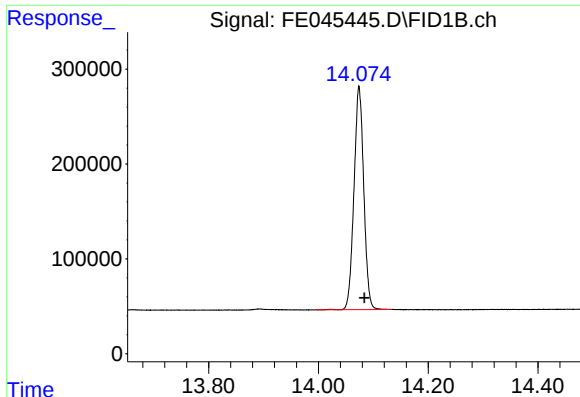
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.010 min
Response: 2966955
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

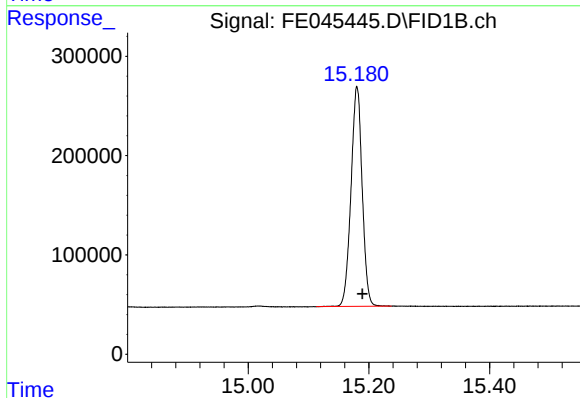
R.T.: 13.319 min
Delta R.T.: -0.010 min
Response: 2652301
Conc: 19.26 ug/ml



#13 n-Docosane (C22)

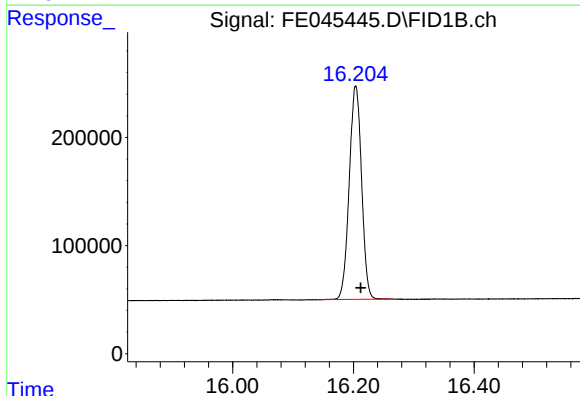
R.T.: 14.074 min
Delta R.T.: -0.010 min
Response: 2912869
Conc: 19.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



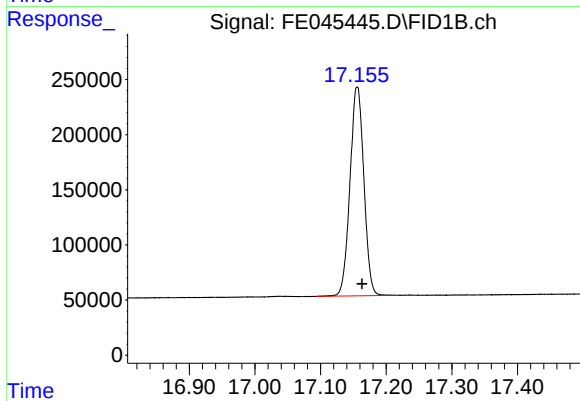
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.009 min
Response: 2846242
Conc: 19.22 ug/ml



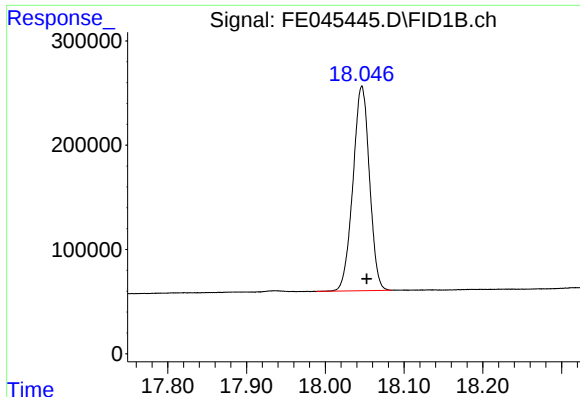
#15 n-Hexacosane (C26)

R.T.: 16.204 min
Delta R.T.: -0.008 min
Response: 2800311
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

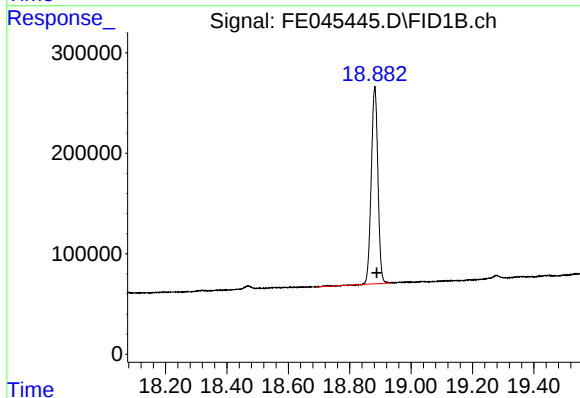
R.T.: 17.156 min
Delta R.T.: -0.008 min
Response: 2785482
Conc: 19.06 ug/ml



#17 n-Tricontane (C30)

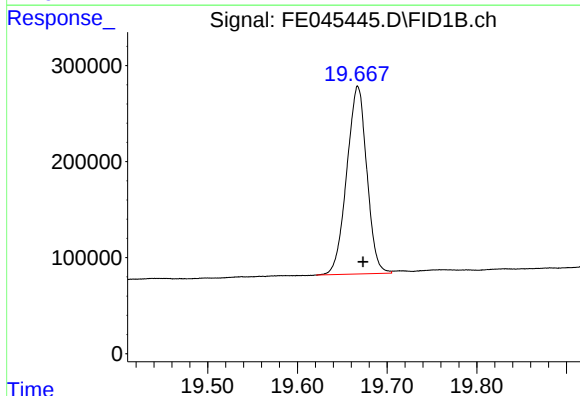
R.T.: 18.046 min
Delta R.T.: -0.006 min
Response: 2859241
Conc: 18.82 ug/ml

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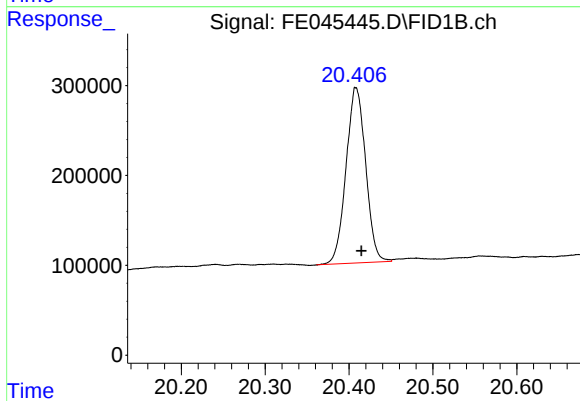
#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: -0.006 min
Response: 2944041
Conc: 18.85 ug/ml



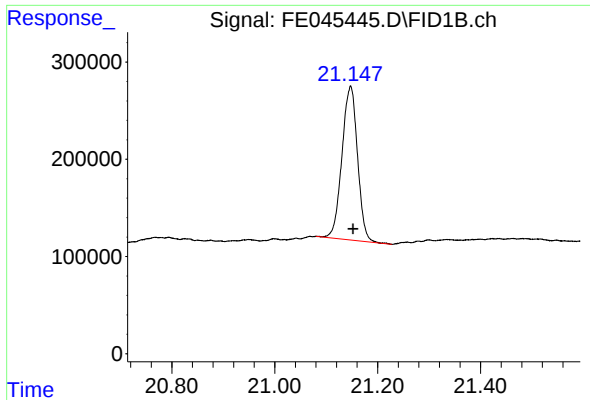
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: -0.006 min
Response: 3034125
Conc: 19.43 ug/ml



#20 n-Hexatriacontane (C36)

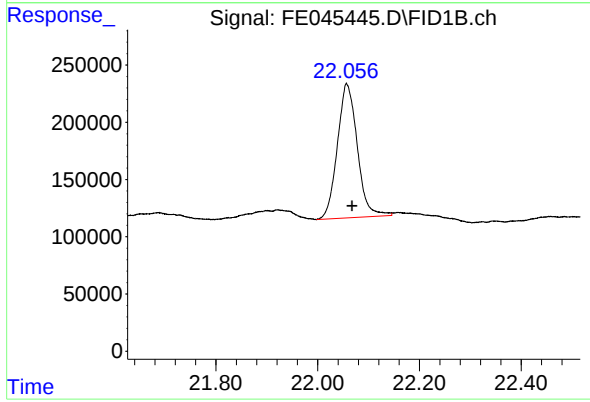
R.T.: 20.408 min
Delta R.T.: -0.007 min
Response: 3173902
Conc: 19.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.148 min
Delta R.T.: -0.005 min
Response: 3321550
Conc: 19.99 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.057 min
Delta R.T.: -0.011 min
Response: 3178967
Conc: 18.61 ug/ml