

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111825AL\
 Data File : FE056903.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2025 15:35
 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 18 16:07:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 2025
 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)	11.946	3816030	18.266 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
12) S 1-chlorooctadecane (S...	13.384	2900814	18.004 ug/ml
Spiked Amount 50.000		Recovery =	36.01%
Target Compounds			
1) T n-Nonane (C9)	3.310	3148161	18.743 ug/ml
2) T n-Decane (C10)	4.562	3457531	20.149 ug/ml
3) T A~Naphthalene (C11.7)	6.276	3479689	18.851 ug/ml
4) T n-Dodecane (C12)	6.733	3547764	20.398 ug/ml
5) T A~2-methylnaphthalene...	7.375	3290704	18.568 ug/ml
6) T n-Tetradecane (C14)	8.566	3495818	20.027 ug/ml
7) T n-Hexadecane (C16)	10.177	3575428	19.542 ug/ml
8) T n-Octadecane (C18)	11.624	3603364	19.038 ug/ml
10) T n-Eicosane (C20)	12.937	3438347	18.450 ug/ml
11) T n-Heneicosane (C21)	13.549	3348341	18.209 ug/ml
13) T n-Docosane (C22)	14.138	3373567	18.021 ug/ml
14) T n-Tetracosane (C24)	15.243	3475006	17.742 ug/ml
15) T n-Hexacosane (C26)	16.265	3439132	17.697 ug/ml
16) T n-Octacosane (C28)	17.218	3490142	18.022 ug/ml
17) T n-Tricontane (C30)	18.108	3661130	18.260 ug/ml
18) T n-Dotriacontane (C32)	18.942	3682767	18.728 ug/ml
19) T n-Tetratriacontane (C34)	19.727	3340724	19.354 ug/ml
20) T n-Hexatriacontane (C36)	20.469	2879728	19.907 ug/ml
21) T n-Octatriacontane (C38)	21.214	2701950	21.468 ug/ml
22) T n-Tetracontane (C40)	22.148	2603020	22.515 ug/ml

(f)=RT Delta > 1/2 Window

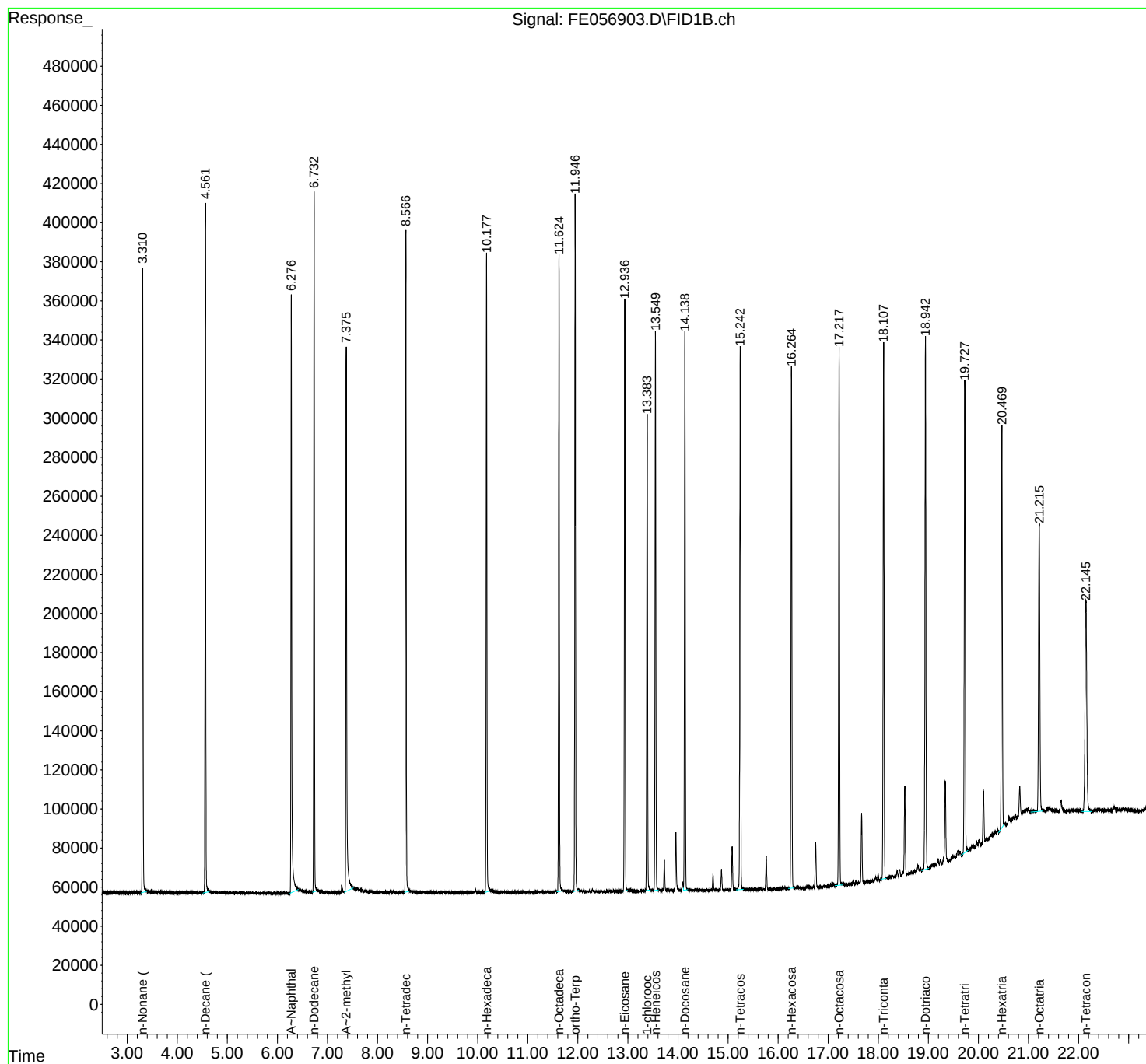
(m)=manual int.

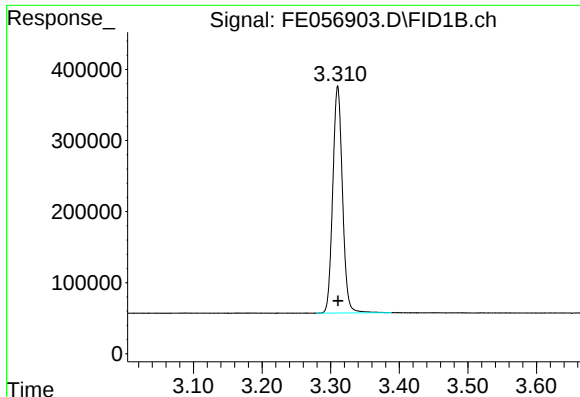
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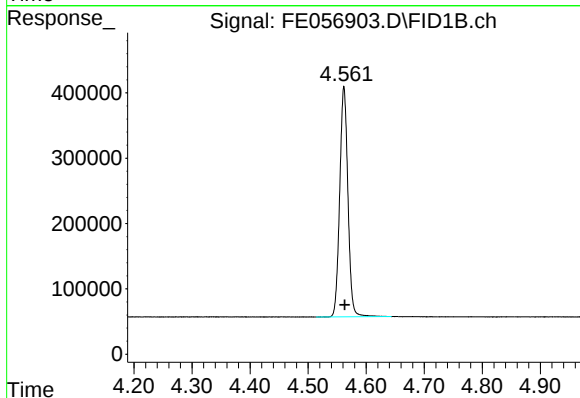




#1 n-Nonane (C9)

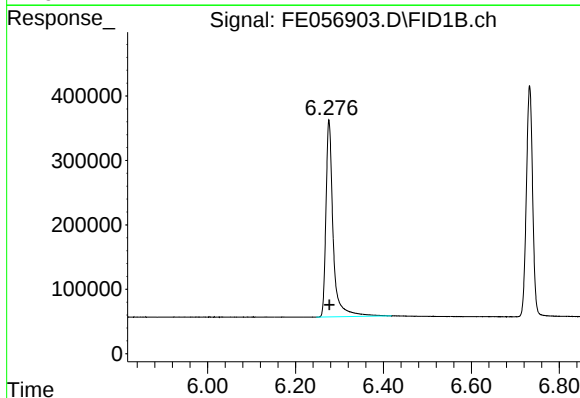
R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 3148161
Conc: 18.74 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



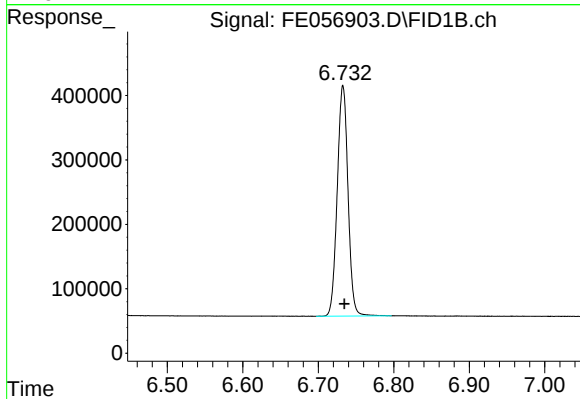
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: -0.001 min
Response: 3457531
Conc: 20.15 ug/ml



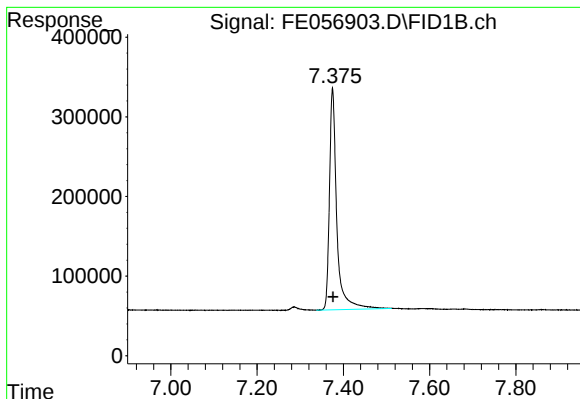
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: -0.001 min
Response: 3479689
Conc: 18.85 ug/ml



#4 n-Dodecane (C12)

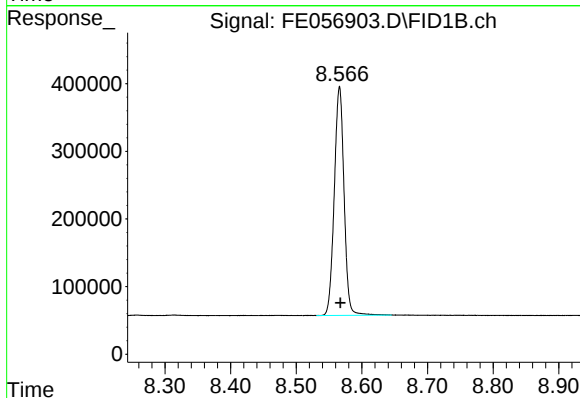
R.T.: 6.733 min
Delta R.T.: -0.002 min
Response: 3547764
Conc: 20.40 ug/ml



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

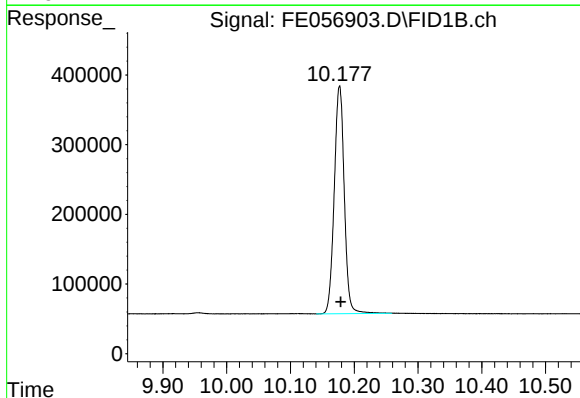
R.T.: 7.375 min
Delta R.T.: -0.001 min
Response: 3290704
Conc: 18.57 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



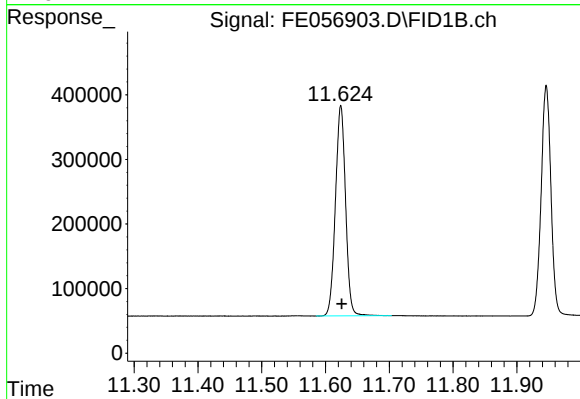
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: -0.001 min
Response: 3495818
Conc: 20.03 ug/ml



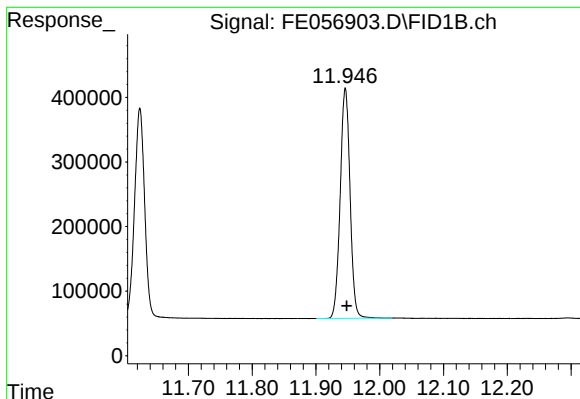
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: -0.002 min
Response: 3575428
Conc: 19.54 ug/ml



#8 n-Octadecane (C18)

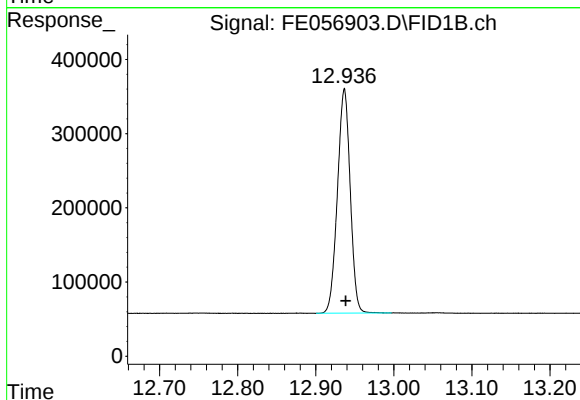
R.T.: 11.624 min
Delta R.T.: -0.002 min
Response: 3603364
Conc: 19.04 ug/ml



#9 ortho-Terphenyl (SURR)

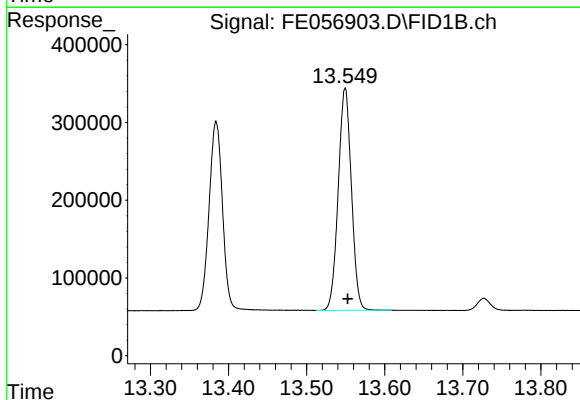
R.T.: 11.946 min
Delta R.T.: -0.002 min
Response: 3816030
Conc: 18.27 ug/ml

Instrument :
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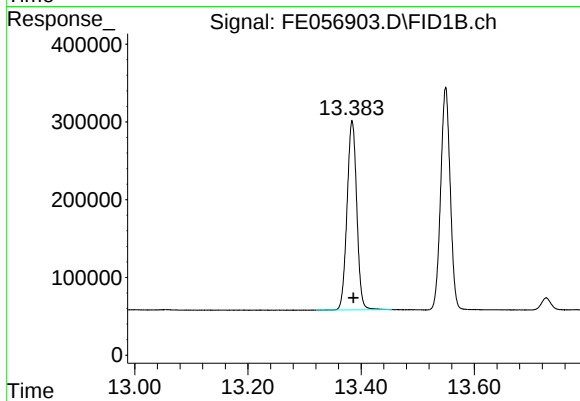
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: -0.002 min
Response: 3438347
Conc: 18.45 ug/ml



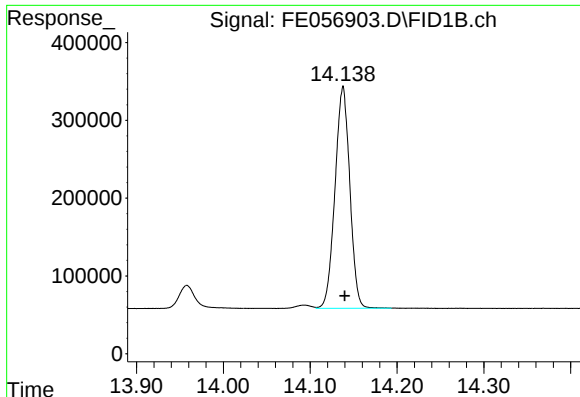
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: -0.003 min
Response: 3348341
Conc: 18.21 ug/ml



#12 1-chlorooctadecane (SURR)

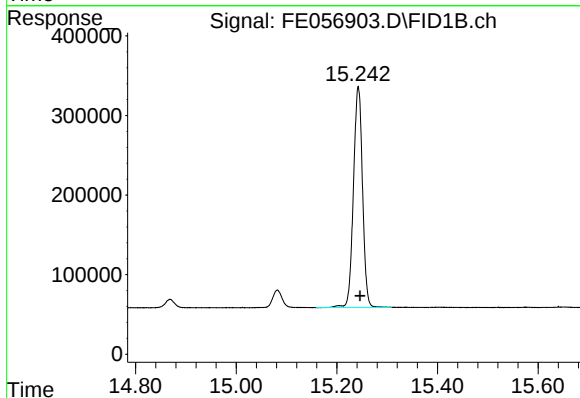
R.T.: 13.384 min
Delta R.T.: -0.002 min
Response: 2900814
Conc: 18.00 ug/ml



#13 n-Docosane (C22)

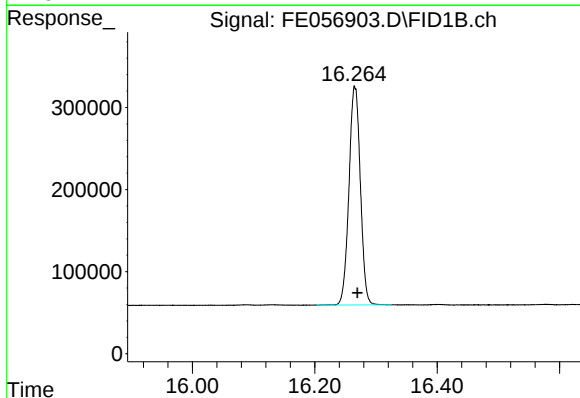
R.T.: 14.138 min
Delta R.T.: -0.002 min
Response: 3373567
Conc: 18.02 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



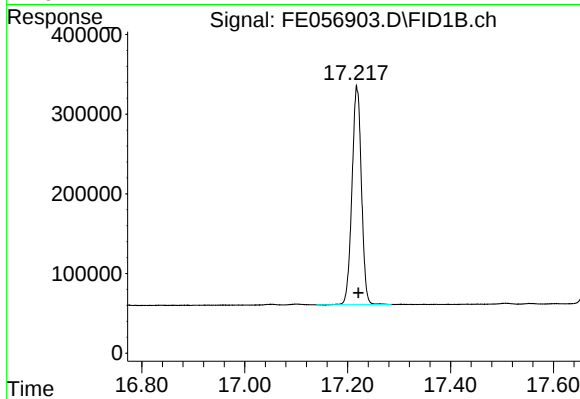
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.004 min
Response: 3475006
Conc: 17.74 ug/ml



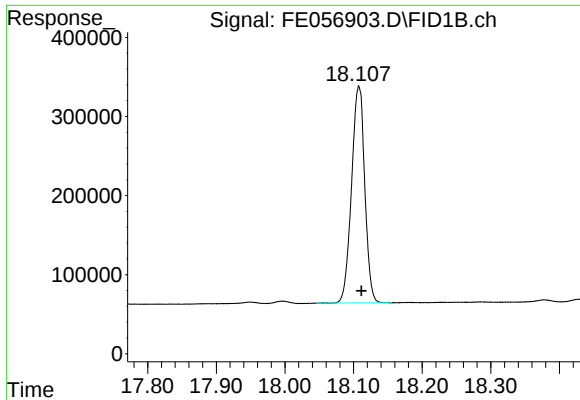
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.004 min
Response: 3439132
Conc: 17.70 ug/ml



#16 n-Octacosane (C28)

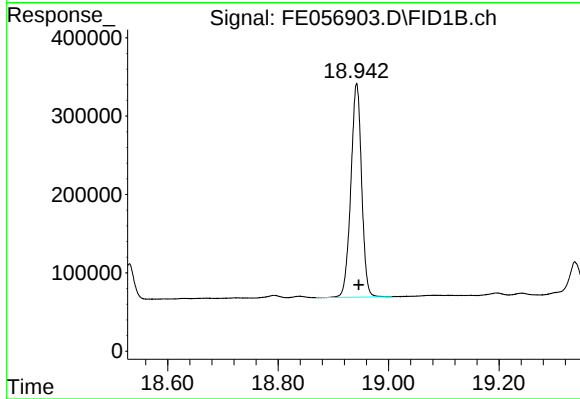
R.T.: 17.218 min
Delta R.T.: -0.003 min
Response: 3490142
Conc: 18.02 ug/ml



#17 n-Tricontane (C30)

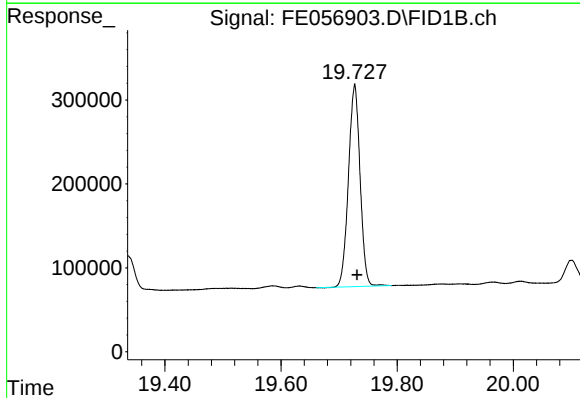
R.T.: 18.108 min
Delta R.T.: -0.004 min
Response: 3661130
Conc: 18.26 ug/ml

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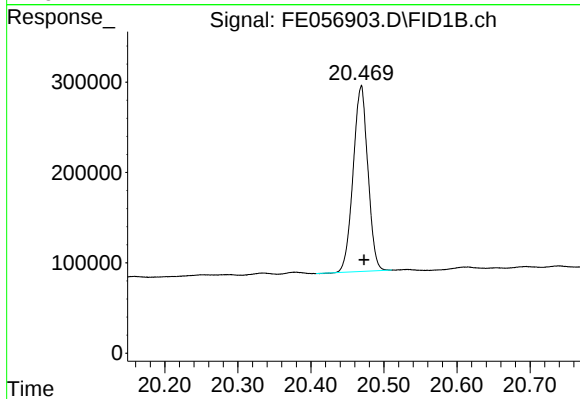
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.004 min
Response: 3682767
Conc: 18.73 ug/ml



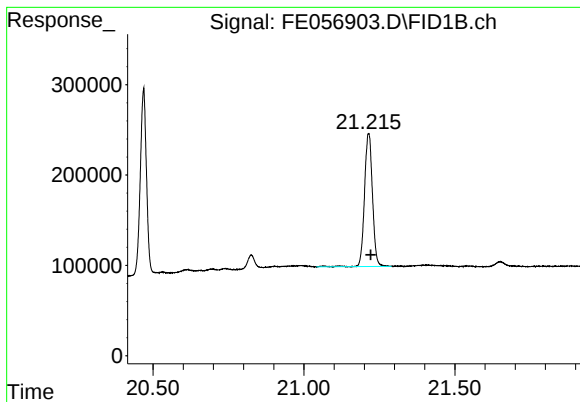
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.004 min
Response: 3340724
Conc: 19.35 ug/ml



#20 n-Hexatriacontane (C36)

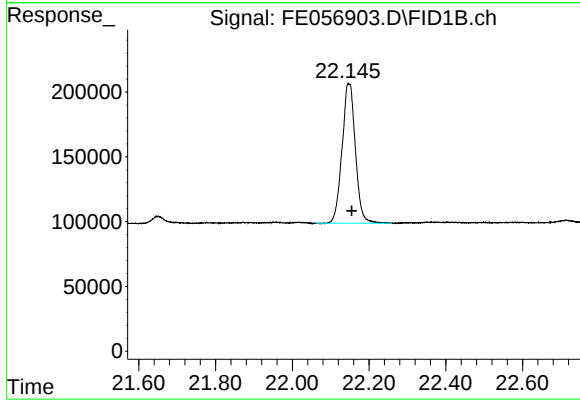
R.T.: 20.469 min
Delta R.T.: -0.004 min
Response: 2879728
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: -0.007 min
Response: 2701950
Conc: 21.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: -0.008 min
Response: 2603020
Conc: 22.51 ug/ml