

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110923AL\
 Data File : FE045276.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2023 06:27
 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: Nov 10 06:56:47 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)	11.879	3791330	19.857 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
12) S 1-chlorooctadecane (S...	13.321	2721814	19.761 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
Target Compounds			
1) T n-Nonane (C9)	3.267	3270142	19.795 ug/ml
2) T n-Decane (C10)	4.518	3354223	20.004 ug/ml
3) T A~Naphthalene (C11.7)	6.218	3529666	19.774 ug/ml
4) T n-Dodecane (C12)	6.684	3375777	19.989 ug/ml
5) T A~2-methylnaphthalene...	7.313	3397257	19.784 ug/ml
6) T n-Tetradecane (C14)	8.510	3298329	19.790 ug/ml
7) T n-Hexadecane (C16)	10.120	3334896	19.827 ug/ml
8) T n-Octadecane (C18)	11.565	3301543	19.726 ug/ml
10) T n-Eicosane (C20)	12.877	3131530	19.769 ug/ml
11) T n-Heneicosane (C21)	13.490	3044361	19.800 ug/ml
13) T n-Docosane (C22)	14.076	3002949	19.819 ug/ml
14) T n-Tetracosane (C24)	15.181	2991522	20.198 ug/ml
15) T n-Hexacosane (C26)	16.205	2943634	20.196 ug/ml
16) T n-Octacosane (C28)	17.156	3003633	20.555 ug/ml
17) T n-Tricontane (C30)	18.045	3211494	21.142 ug/ml
18) T n-Dotriacontane (C32)	18.879	3388723	21.692 ug/ml
19) T n-Tetratriacontane (C34)	19.665	3345468	21.426 ug/ml
20) T n-Hexatriacontane (C36)	20.406	3297927	20.318 ug/ml
21) T n-Octatriacontane (C38)	21.142	3364281	20.249 ug/ml
22) T n-Tetracontane (C40)	22.051	3316981	19.419 ug/ml

(f)=RT Delta > 1/2 Window

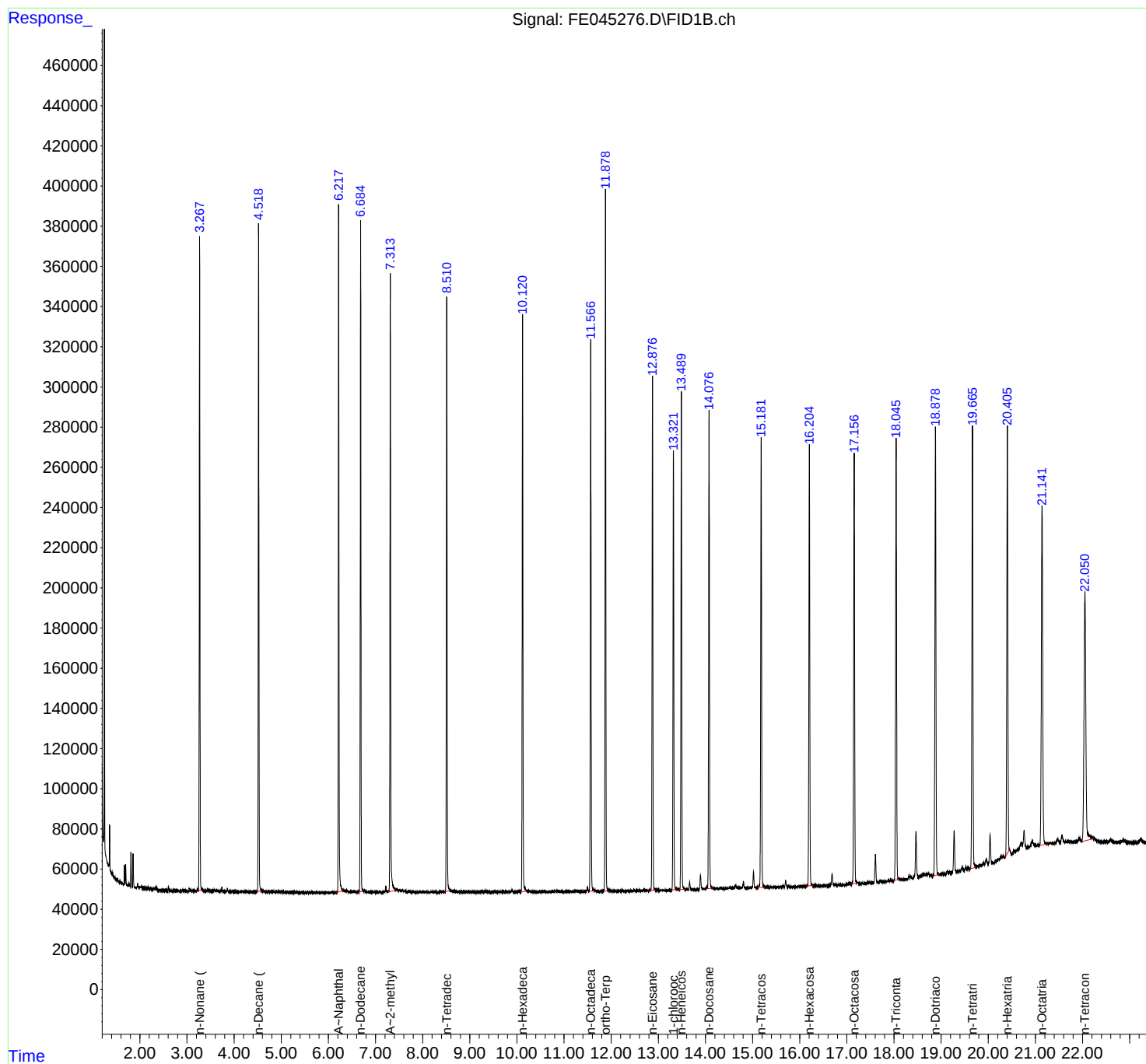
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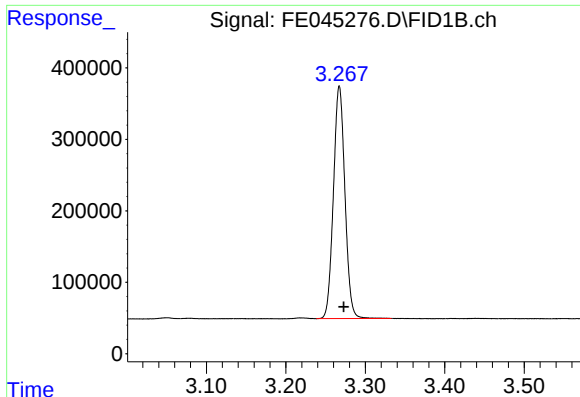
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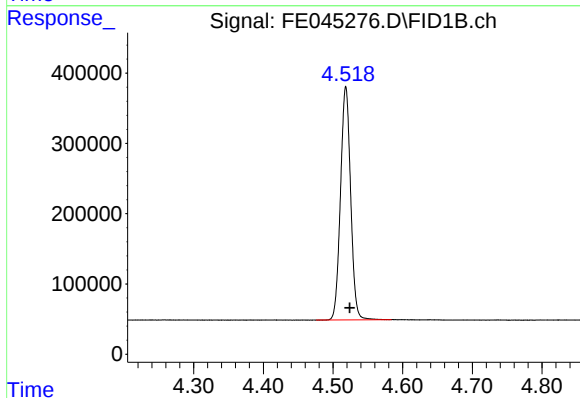




#1 n-Nonane (C9)

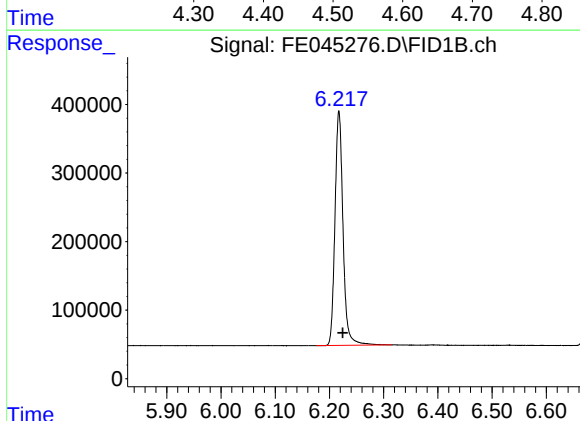
R.T.: 3.267 min
Delta R.T.: -0.006 min
Response: 3270142
Conc: 19.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



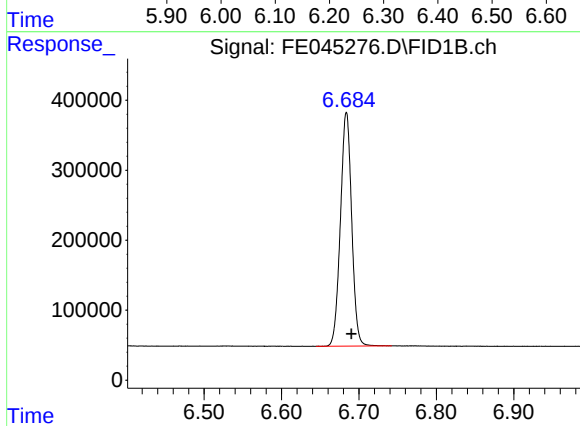
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: -0.006 min
Response: 3354223
Conc: 20.00 ug/ml



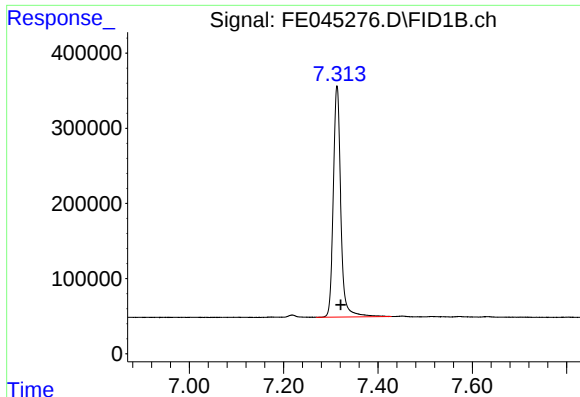
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: -0.007 min
Response: 3529666
Conc: 19.77 ug/ml



#4 n-Dodecane (C12)

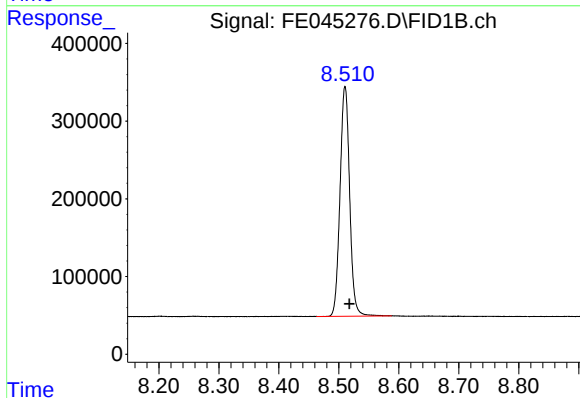
R.T.: 6.684 min
Delta R.T.: -0.006 min
Response: 3375777
Conc: 19.99 ug/ml



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

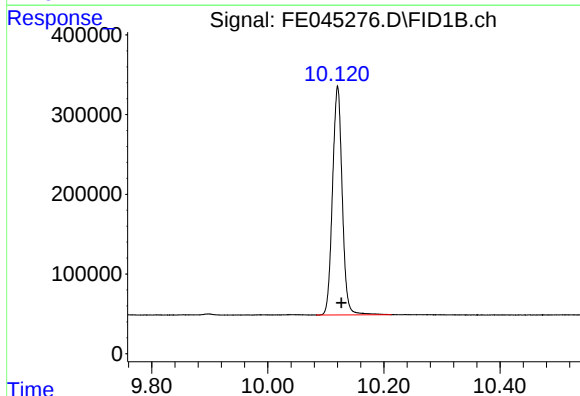
R.T.: 7.313 min
Delta R.T.: -0.007 min
Response: 3397257
Conc: 19.78 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



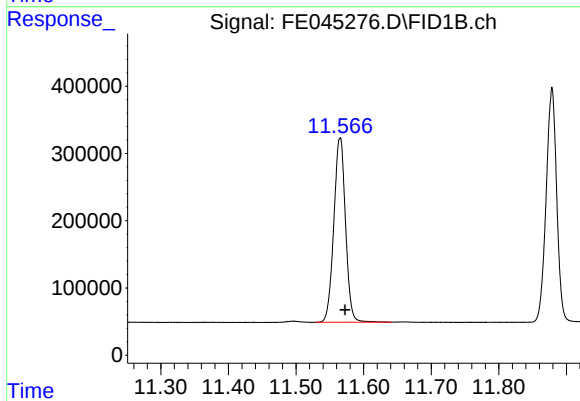
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.007 min
Response: 3298329
Conc: 19.79 ug/ml



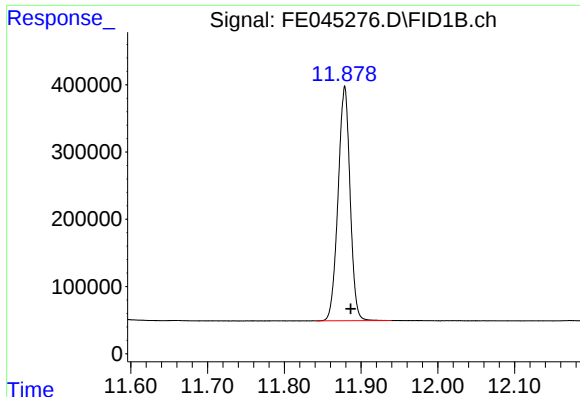
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: -0.006 min
Response: 3334896
Conc: 19.83 ug/ml



#8 n-Octadecane (C18)

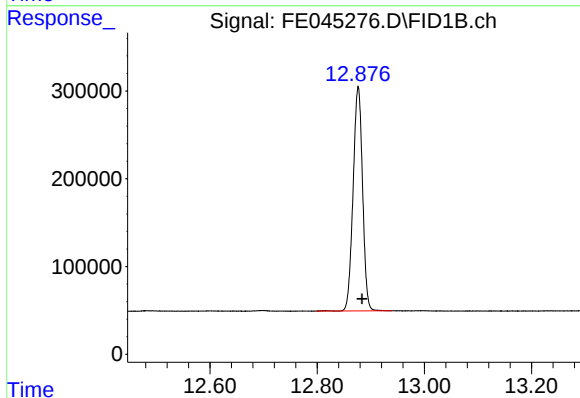
R.T.: 11.565 min
Delta R.T.: -0.008 min
Response: 3301543
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

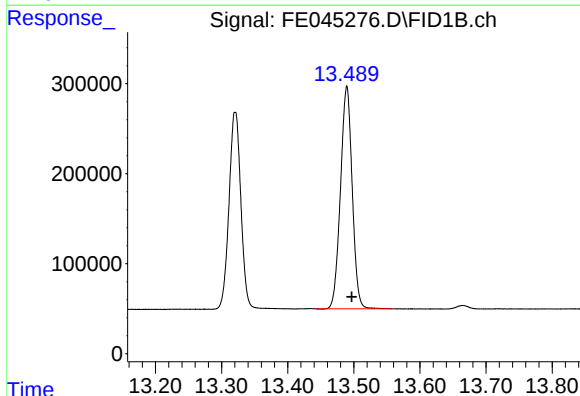
R.T.: 11.879 min
Delta R.T.: -0.008 min
Response: 3791330
Conc: 19.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



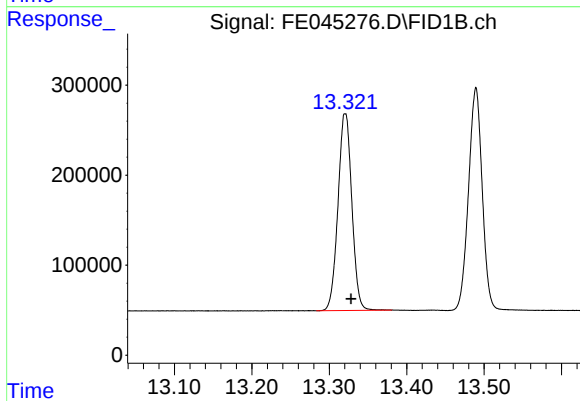
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: -0.007 min
Response: 3131530
Conc: 19.77 ug/ml



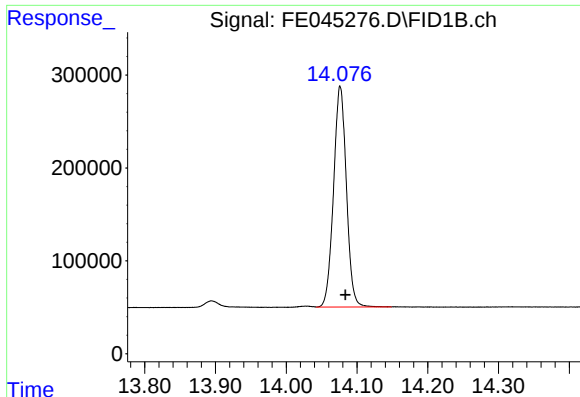
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: -0.007 min
Response: 3044361
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

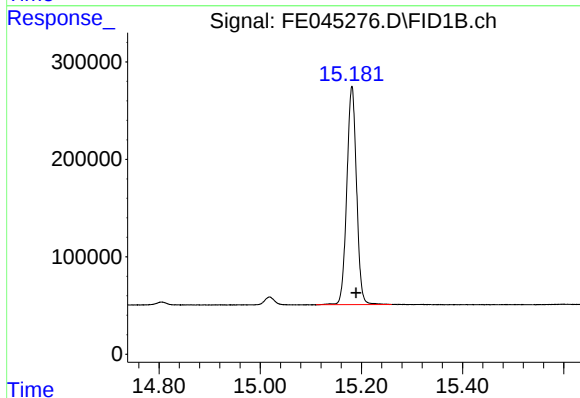
R.T.: 13.321 min
Delta R.T.: -0.007 min
Response: 2721814
Conc: 19.76 ug/ml



#13 n-Docosane (C22)

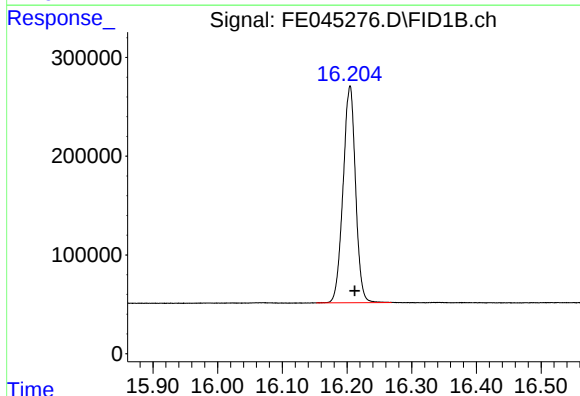
R.T.: 14.076 min
Delta R.T.: -0.008 min
Response: 3002949
Conc: 19.82 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



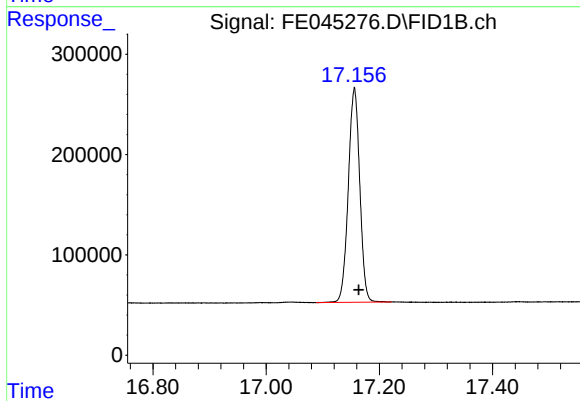
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.008 min
Response: 2991522
Conc: 20.20 ug/ml



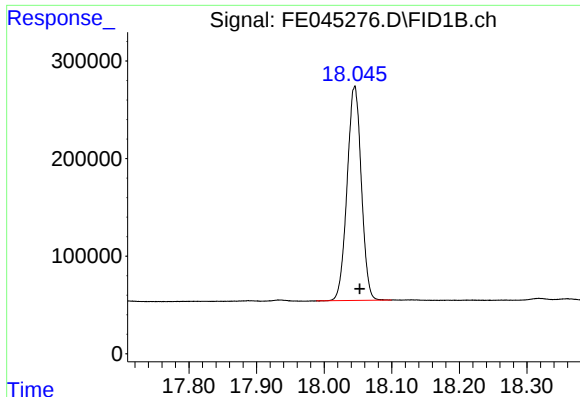
#15 n-Hexacosane (C26)

R.T.: 16.205 min
Delta R.T.: -0.007 min
Response: 2943634
Conc: 20.20 ug/ml



#16 n-Octacosane (C28)

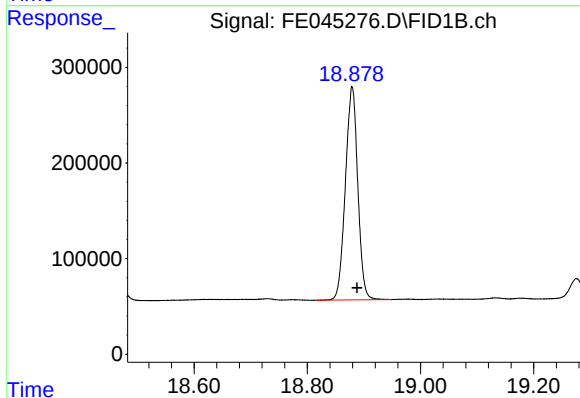
R.T.: 17.156 min
Delta R.T.: -0.008 min
Response: 3003633
Conc: 20.55 ug/ml



#17 n-Tricontane (C30)

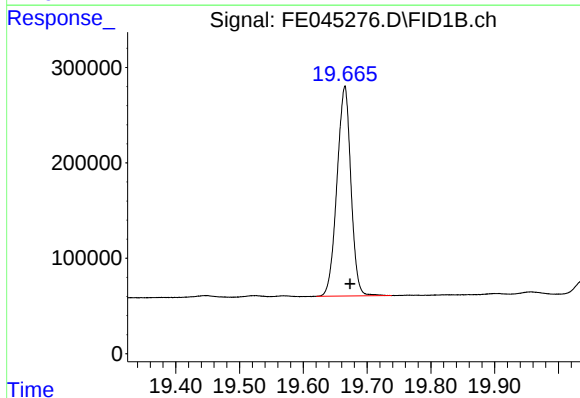
R.T.: 18.045 min
Delta R.T.: -0.008 min
Response: 3211494
Conc: 21.14 ug/ml

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20 PPM ALIPHATIC HC STD



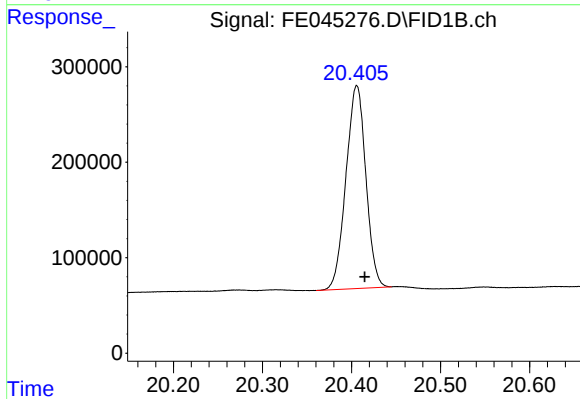
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.008 min
Response: 3388723
Conc: 21.69 ug/ml



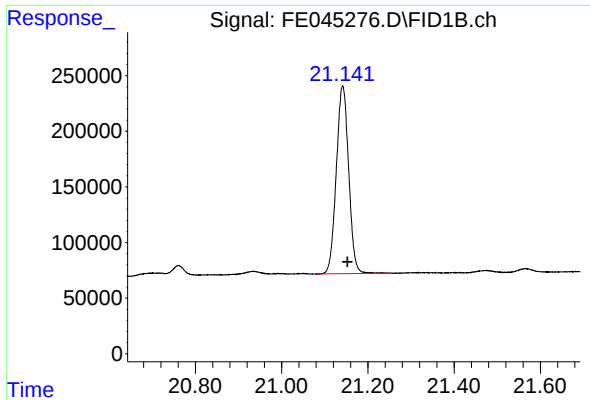
#19 n-Tetratriacontane (C34)

R.T.: 19.665 min
Delta R.T.: -0.008 min
Response: 3345468
Conc: 21.43 ug/ml



#20 n-Hexatriacontane (C36)

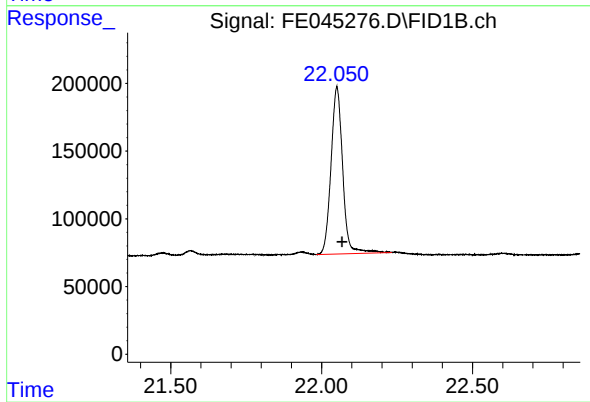
R.T.: 20.406 min
Delta R.T.: -0.009 min
Response: 3297927
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.142 min
Delta R.T.: -0.011 min
Response: 3364281
Conc: 20.25 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.051 min
Delta R.T.: -0.017 min
Response: 3316981
Conc: 19.42 ug/ml