

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052824AL\
 Data File : FE048419.D
 Signal(s) : FID1B.ch
 Acq On : 28 May 2024 20:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 29 01:20:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.955	2823352	19.662 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
12) S 1-chlorooctadecane (S...	13.389	2149501	19.731 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T n-Nonane (C9)	3.340	2901843	19.410 ug/ml
2) T n-Decane (C10)	4.589	2964671	19.633 ug/ml
3) T A~Naphthalene (C11.7)	6.296	2938115	19.732 ug/ml
4) T n-Dodecane (C12)	6.755	2917422	19.709 ug/ml
5) T A~2-methylnaphthalene...	7.392	2765185	19.943 ug/ml
6) T n-Tetradecane (C14)	8.584	2798536	19.731 ug/ml
7) T n-Hexadecane (C16)	10.192	2787381	19.772 ug/ml
8) T n-Octadecane (C18)	11.634	2748408	19.789 ug/ml
10) T n-Eicosane (C20)	12.943	2610906	19.730 ug/ml
11) T n-Heneicosane (C21)	13.555	2551519	19.698 ug/ml
13) T n-Docosane (C22)	14.141	2571557	19.956 ug/ml
14) T n-Tetracosane (C24)	15.244	2658526	20.521 ug/ml
15) T n-Hexacosane (C26)	16.265	2685454	20.720 ug/ml
16) T n-Octacosane (C28)	17.213	2742188	21.216 ug/ml
17) T n-Tricontane (C30)	18.099	2877360	21.479 ug/ml
18) T n-Dotriacontane (C32)	18.932	2846418	20.969 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2767210	20.228 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2700320	19.865 ug/ml
21) T n-Octatriacontane (C38)	21.192	2673621	19.605 ug/ml
22) T n-Tetracontane (C40)	22.115	2744885	20.047 ug/ml

(f)=RT Delta > 1/2 Window

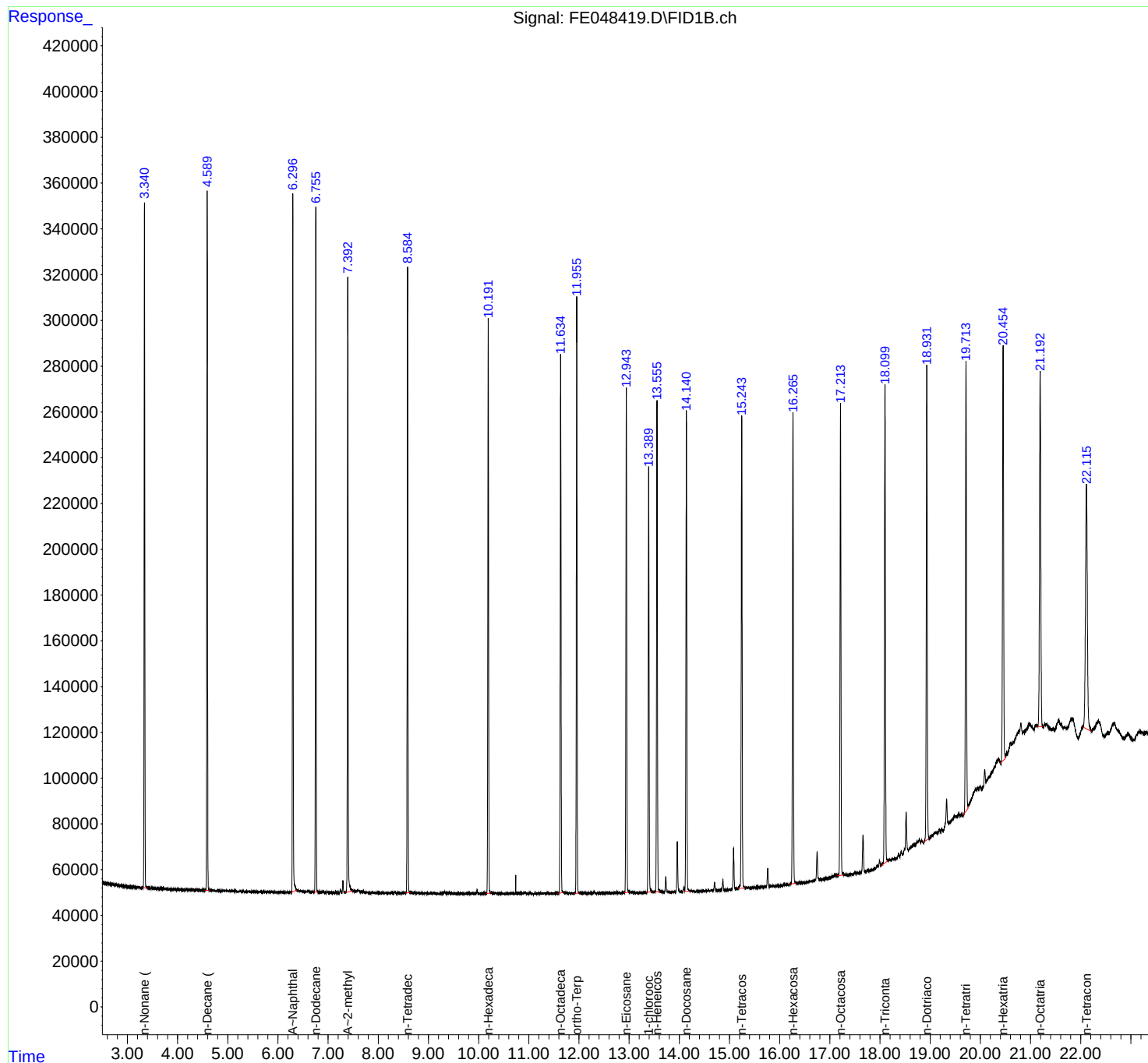
(m)=manual int.

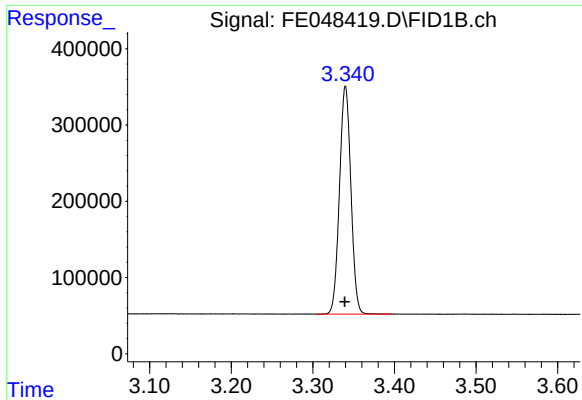
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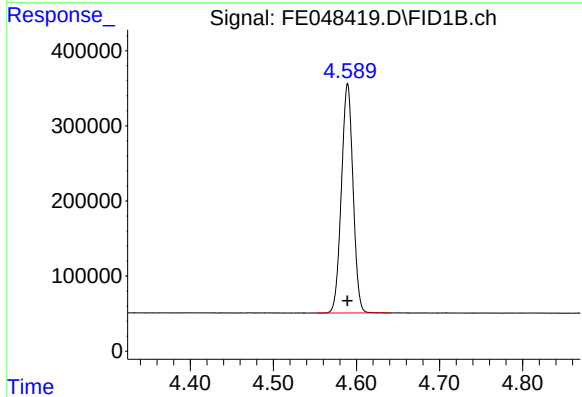




#1 n-Nonane (C9)

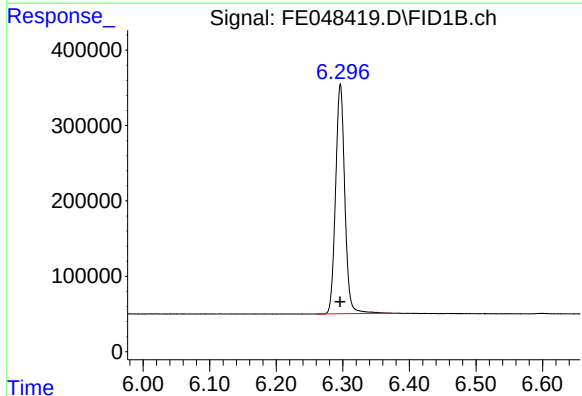
R.T.: 3.340 min
Delta R.T.: 0.000 min
Response: 2901843
Conc: 19.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



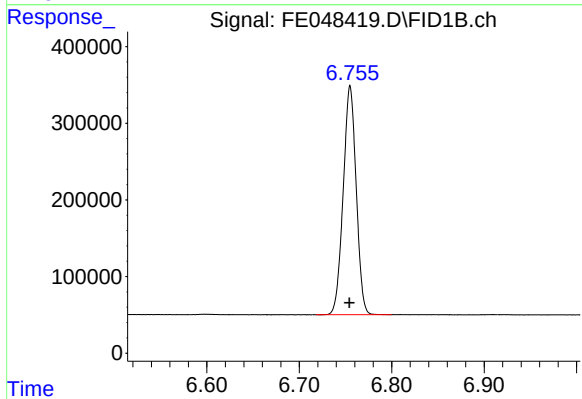
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 2964671
Conc: 19.63 ug/ml



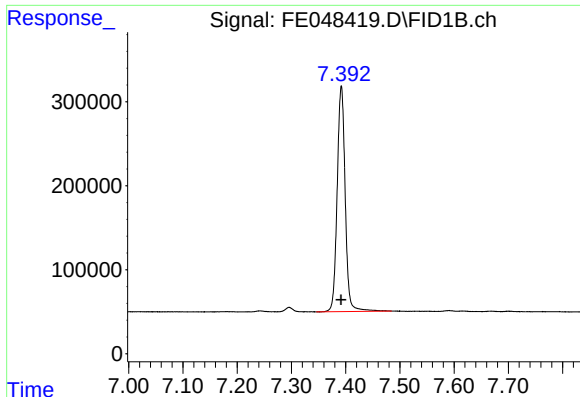
#3 A~Naphthalene (C11.7)

R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 2938115
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

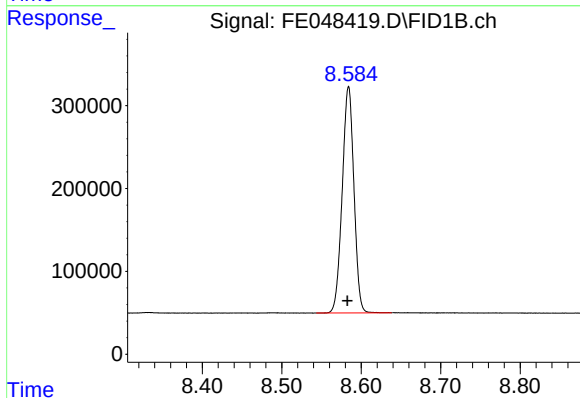
R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 2917422
Conc: 19.71 ug/ml



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

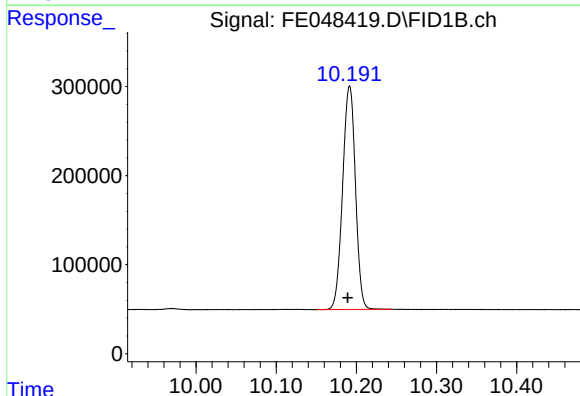
R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 2765185
Conc: 19.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



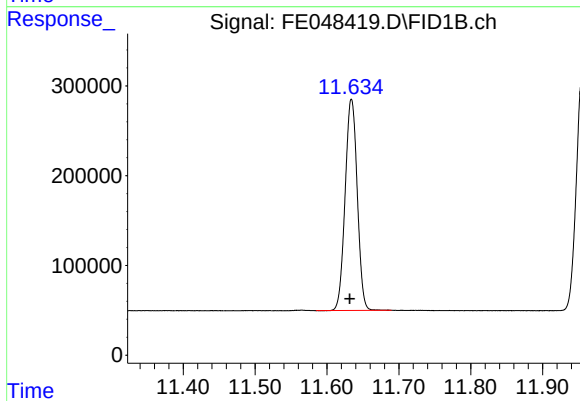
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: 0.002 min
Response: 2798536
Conc: 19.73 ug/ml



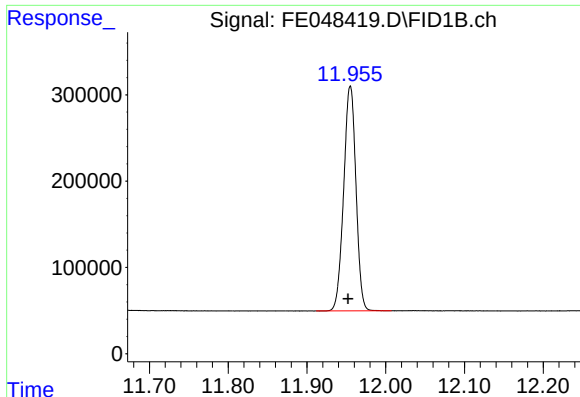
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: 0.002 min
Response: 2787381
Conc: 19.77 ug/ml



#8 n-Octadecane (C18)

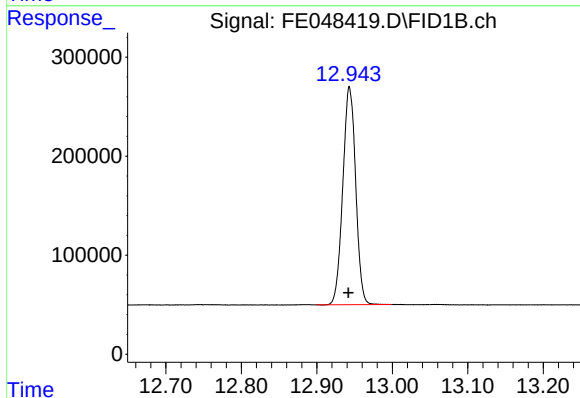
R.T.: 11.634 min
Delta R.T.: 0.002 min
Response: 2748408
Conc: 19.79 ug/ml



#9 ortho-Terphenyl (SURR)

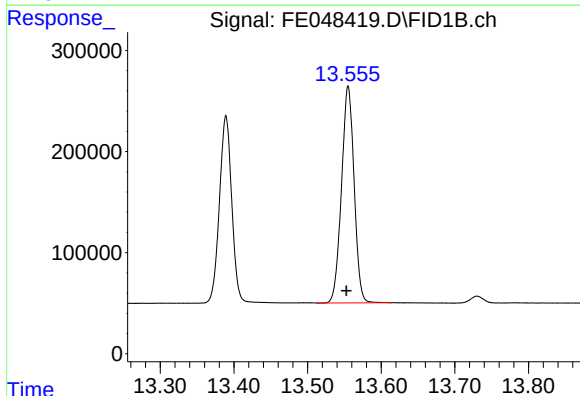
R.T.: 11.955 min
Delta R.T.: 0.003 min
Response: 2823352
Conc: 19.66 ug/ml

Instrument :
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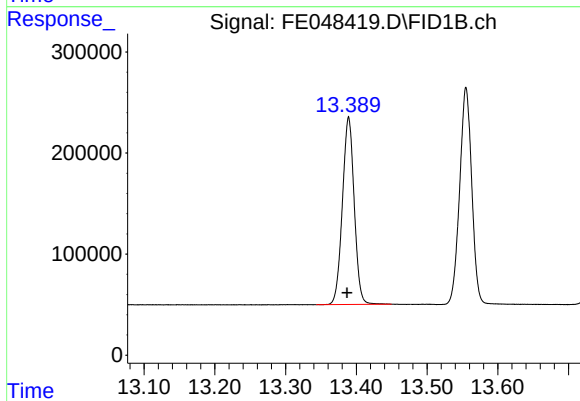
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: 0.001 min
Response: 2610906
Conc: 19.73 ug/ml



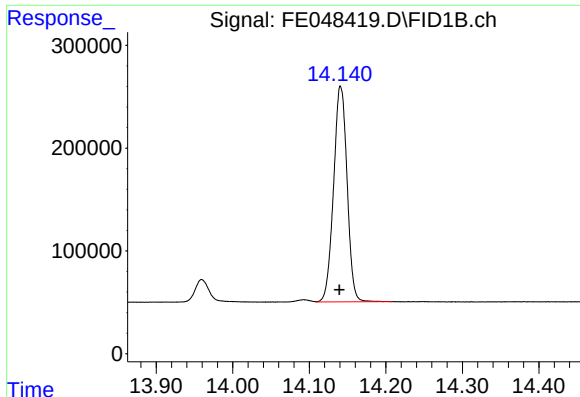
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.002 min
Response: 2551519
Conc: 19.70 ug/ml



#12 1-chlorooctadecane (SURR)

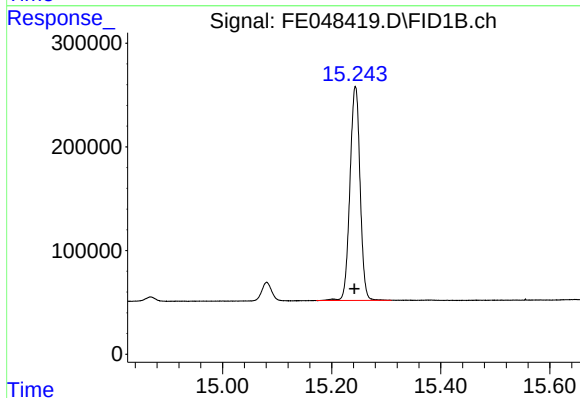
R.T.: 13.389 min
Delta R.T.: 0.002 min
Response: 2149501
Conc: 19.73 ug/ml



#13 n-Docosane (C22)

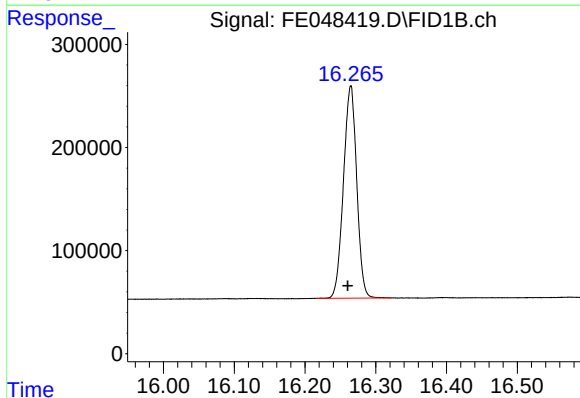
R.T.: 14.141 min
Delta R.T.: 0.002 min
Response: 2571557
Conc: 19.96 ug/ml

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20 PPM ALIPHATIC HC STD



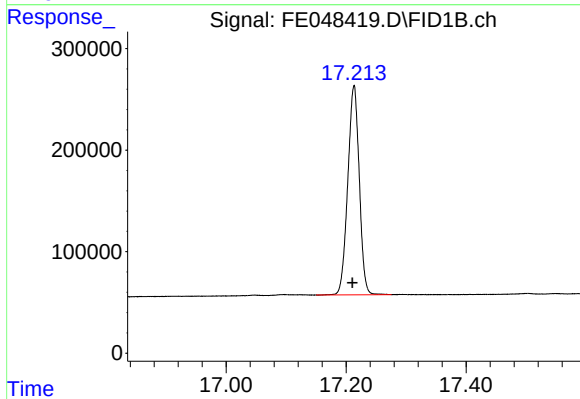
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.002 min
Response: 2658526
Conc: 20.52 ug/ml



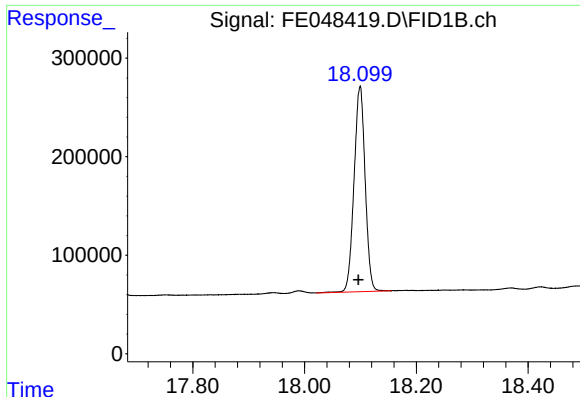
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.004 min
Response: 2685454
Conc: 20.72 ug/ml



#16 n-Octacosane (C28)

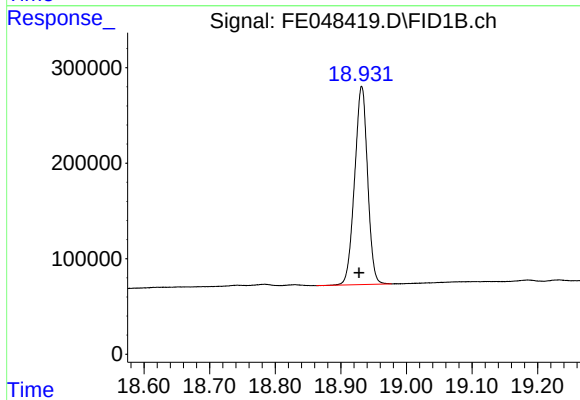
R.T.: 17.213 min
Delta R.T.: 0.003 min
Response: 2742188
Conc: 21.22 ug/ml



#17 n-Tricontane (C30)

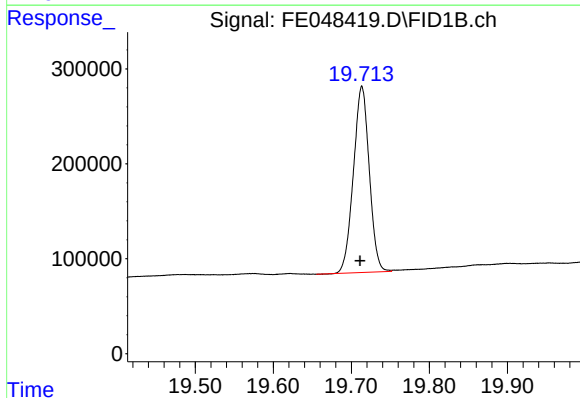
R.T.: 18.099 min
Delta R.T.: 0.003 min
Response: 2877360
Conc: 21.48 ug/ml

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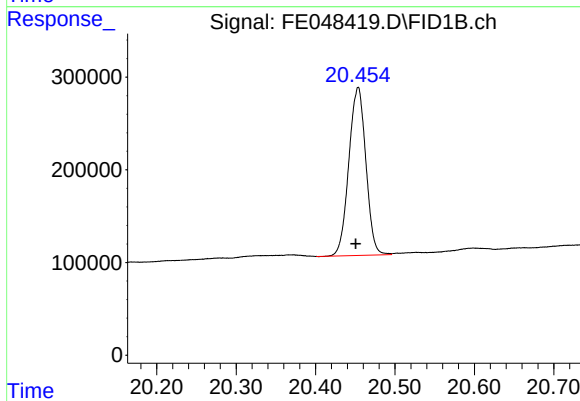
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: 0.004 min
Response: 2846418
Conc: 20.97 ug/ml



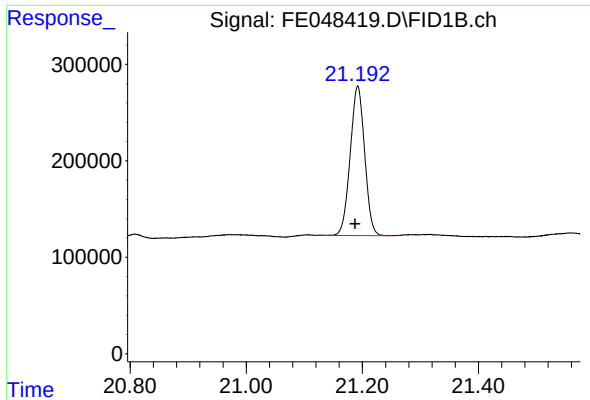
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: 0.003 min
Response: 2767210
Conc: 20.23 ug/ml



#20 n-Hexatriacontane (C36)

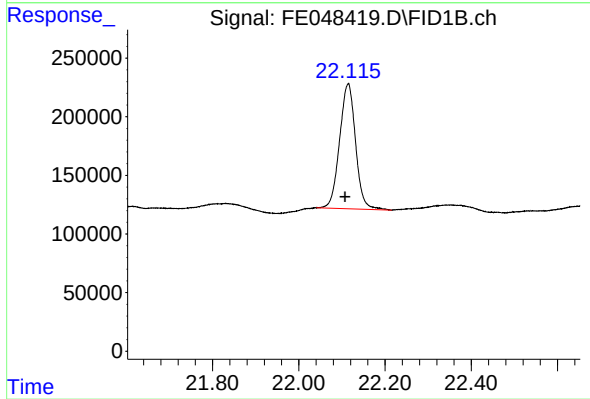
R.T.: 20.454 min
Delta R.T.: 0.003 min
Response: 2700320
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: 0.004 min
Response: 2673621
Conc: 19.61 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: 0.007 min
Response: 2744885
Conc: 20.05 ug/ml