

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022324AL\
 Data File : FE046917.D
 Signal(s) : FID1B.ch
 Acq On : 23 Feb 2024 08:42
 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: autoint1.e
 Quant Time: Feb 23 10:00:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.792	3367603	20.497 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
12) S 1-chlorooctadecane (S...	13.234	2551579	20.728 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
Target Compounds			
1) T n-Nonane (C9)	3.183	3159266	20.718 ug/ml
2) T n-Decane (C10)	4.434	3228565	20.845 ug/ml
3) T A~Naphthalene (C11.7)	6.140	3235295	20.541 ug/ml
4) T n-Dodecane (C12)	6.602	3240666	20.842 ug/ml
5) T A~2-methylnaphthalene...	7.237	2942098	20.517 ug/ml
6) T n-Tetradecane (C14)	8.428	3206510	20.795 ug/ml
7) T n-Hexadecane (C16)	10.036	3280530	20.676 ug/ml
8) T n-Octadecane (C18)	11.479	3301861	20.712 ug/ml
10) T n-Eicosane (C20)	12.789	3118075	20.599 ug/ml
11) T n-Heneicosane (C21)	13.400	3036902	20.508 ug/ml
13) T n-Docosane (C22)	13.987	2992571	20.568 ug/ml
14) T n-Tetracosane (C24)	15.090	2939514	20.582 ug/ml
15) T n-Hexacosane (C26)	16.111	2866732	20.515 ug/ml
16) T n-Octacosane (C28)	17.063	2804756	20.587 ug/ml
17) T n-Tricontane (C30)	17.951	2887183	20.694 ug/ml
18) T n-Dotriacontane (C32)	18.783	2846268	20.685 ug/ml
19) T n-Tetratriacontane (C34)	19.569	2791257	20.778 ug/ml
20) T n-Hexatriacontane (C36)	20.311	2765373	20.767 ug/ml
21) T n-Octatriacontane (C38)	21.031	2848227	20.671 ug/ml
22) T n-Tetracontane (C40)	21.907	2879110	20.406 ug/ml

(f)=RT Delta > 1/2 Window

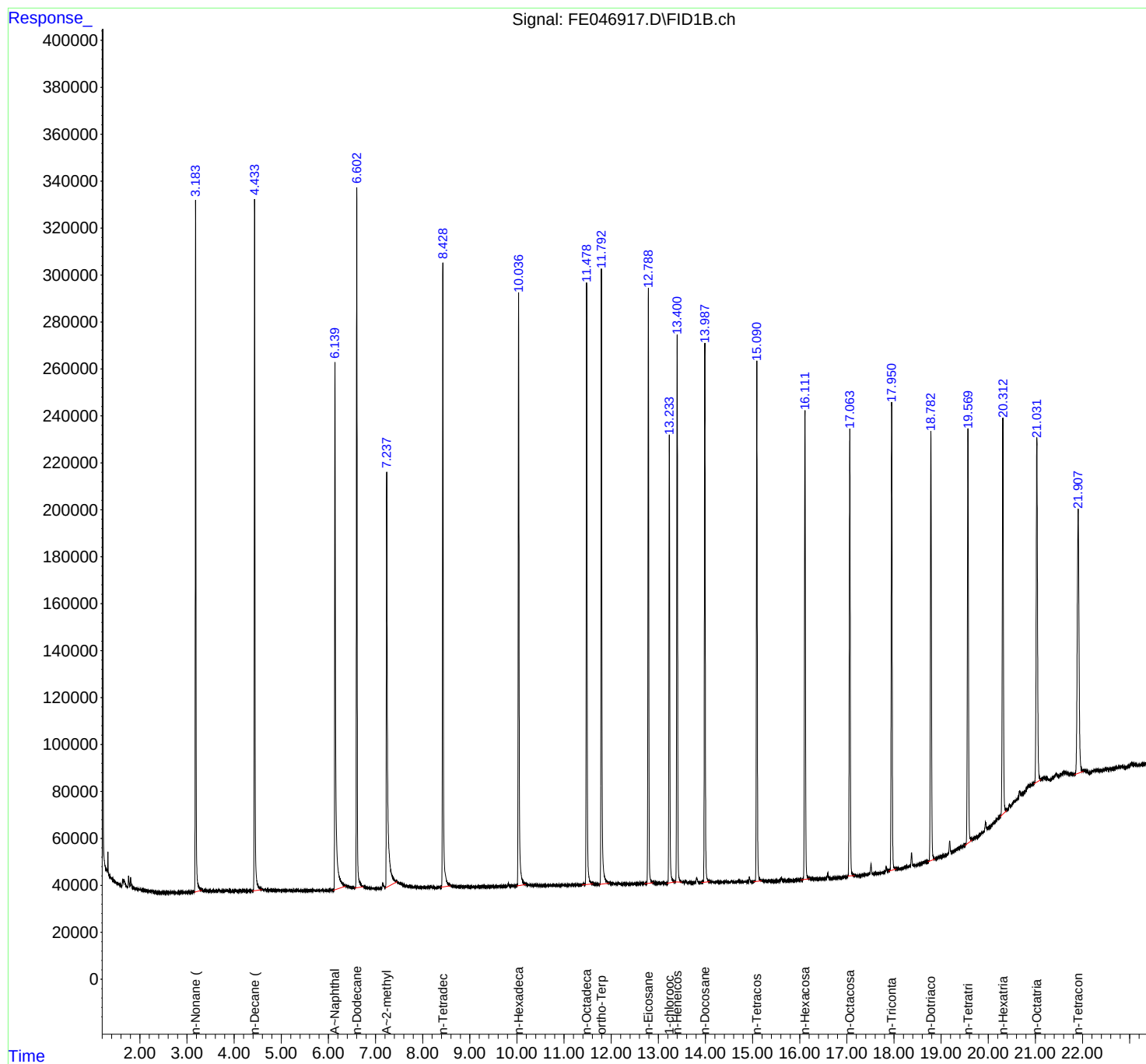
(m)=manual int.

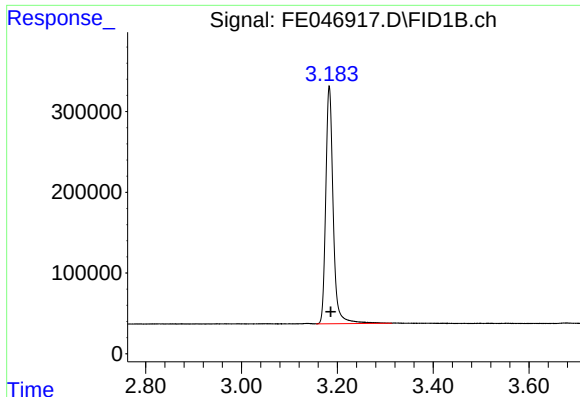
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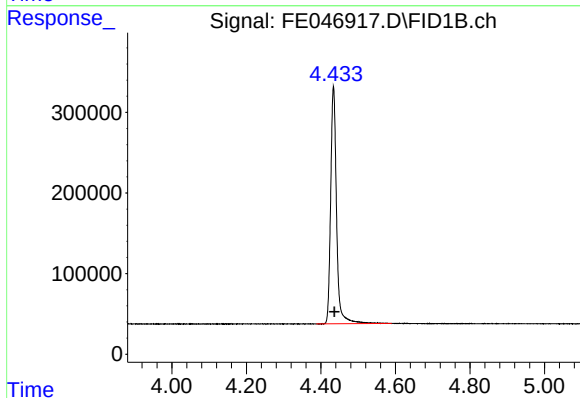




#1 n-Nonane (C9)

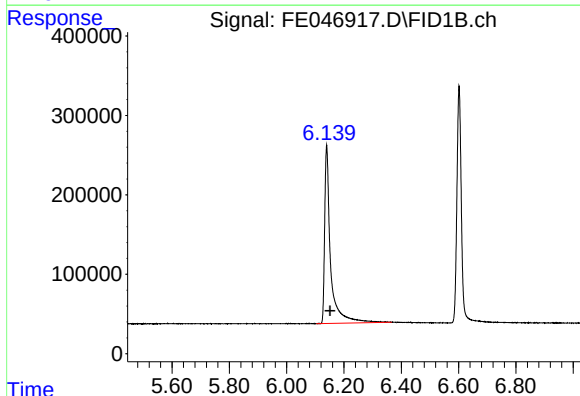
R.T.: 3.183 min
Delta R.T.: -0.003 min
Response: 3159266
Conc: 20.72 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



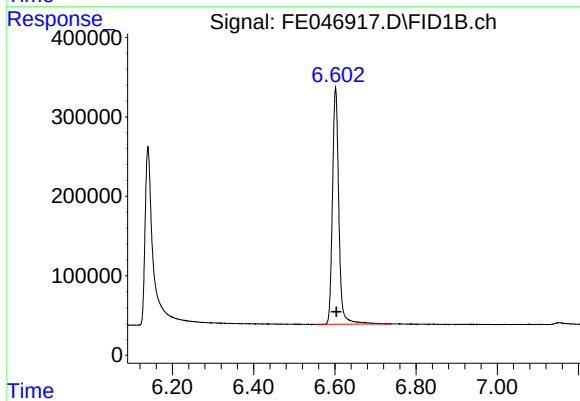
#2 n-Decane (C10)

R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 3228565
Conc: 20.85 ug/ml



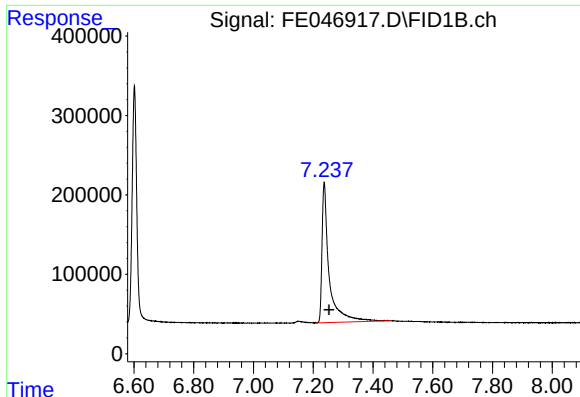
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: -0.012 min
Response: 3235295
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

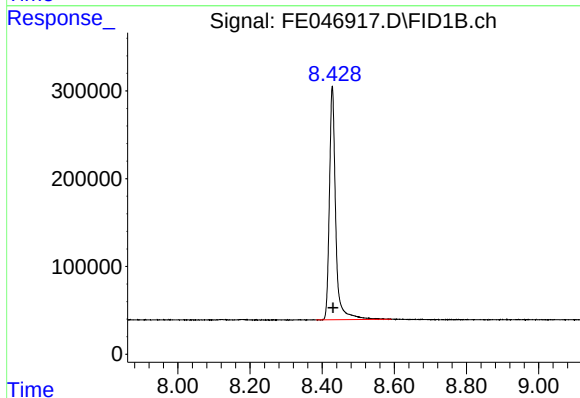
R.T.: 6.602 min
Delta R.T.: -0.002 min
Response: 3240666
Conc: 20.84 ug/ml



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

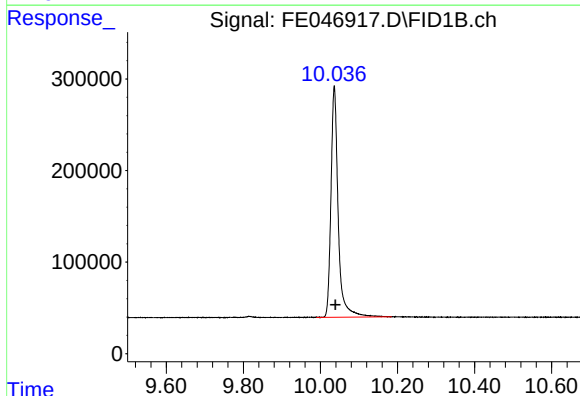
R.T.: 7.237 min
Delta R.T.: -0.016 min
Response: 2942098
Conc: 20.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



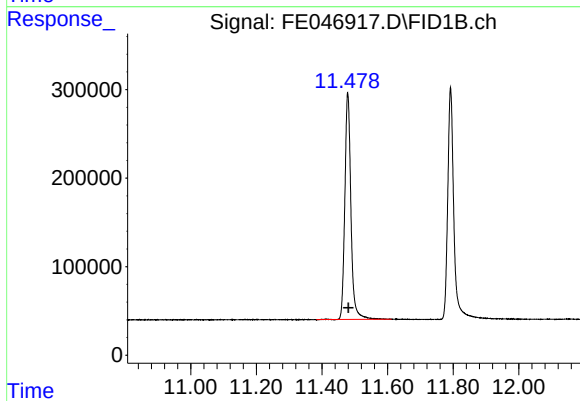
#6 n-Tetradecane (C14)

R.T.: 8.428 min
Delta R.T.: -0.002 min
Response: 3206510
Conc: 20.79 ug/ml



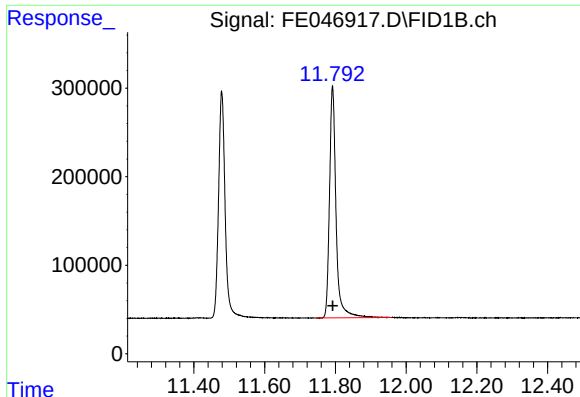
#7 n-Hexadecane (C16)

R.T.: 10.036 min
Delta R.T.: -0.002 min
Response: 3280530
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

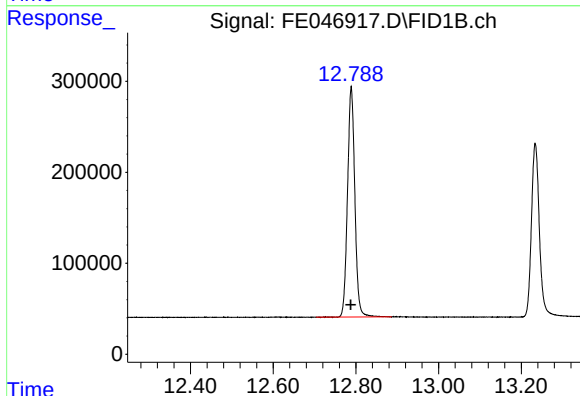
R.T.: 11.479 min
Delta R.T.: -0.001 min
Response: 3301861
Conc: 20.71 ug/ml



#9 ortho-Terphenyl (SURR)

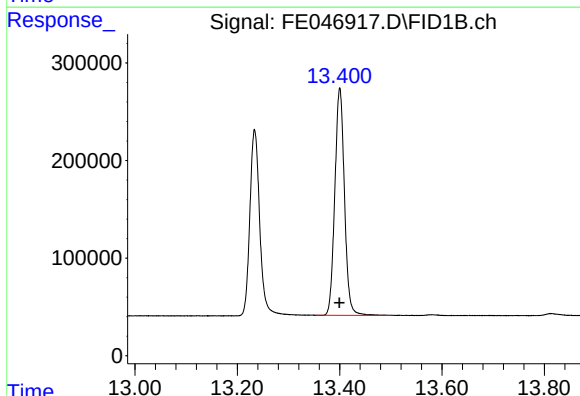
R.T.: 11.792 min
Delta R.T.: 0.000 min
Response: 3367603
Conc: 20.50 ug/ml

Instrument :
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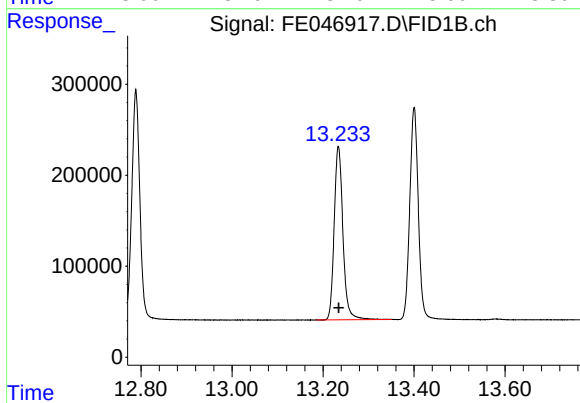
#10 n-Eicosane (C20)

R.T.: 12.789 min
Delta R.T.: 0.001 min
Response: 3118075
Conc: 20.60 ug/ml



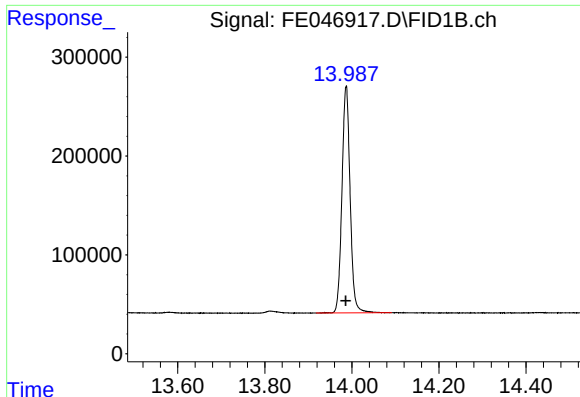
#11 n-Heneicosane (C21)

R.T.: 13.400 min
Delta R.T.: 0.000 min
Response: 3036902
Conc: 20.51 ug/ml



#12 1-chlorooctadecane (SURR)

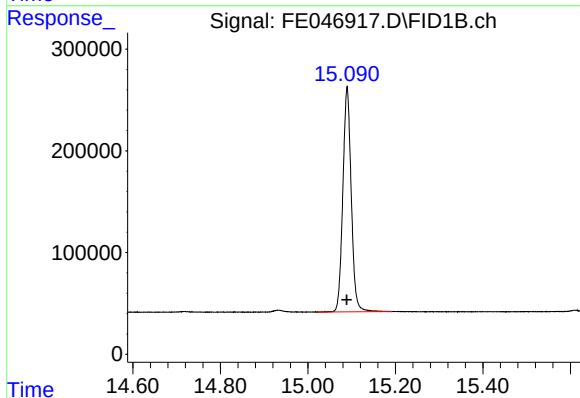
R.T.: 13.234 min
Delta R.T.: -0.001 min
Response: 2551579
Conc: 20.73 ug/ml



#13 n-Docosane (C22)

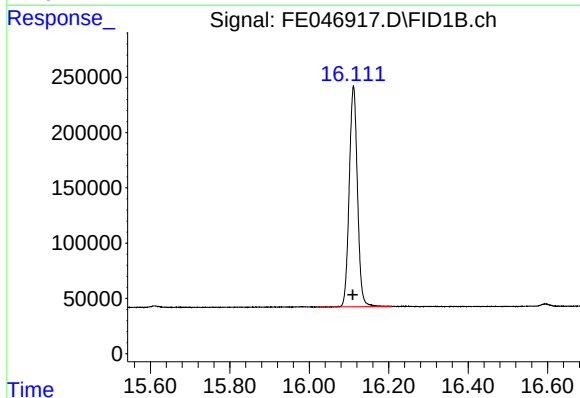
R.T.: 13.987 min
Delta R.T.: 0.001 min
Response: 2992571
Conc: 20.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



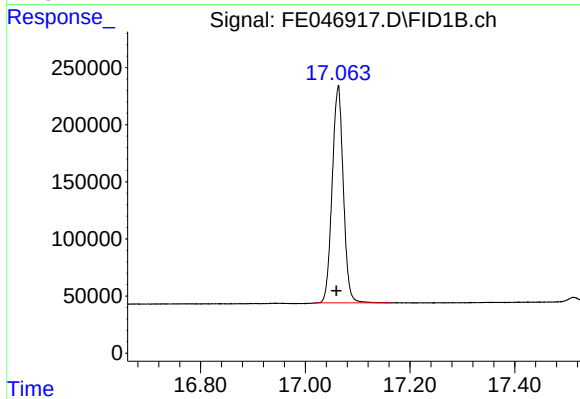
#14 n-Tetracosane (C24)

R.T.: 15.090 min
Delta R.T.: 0.001 min
Response: 2939514
Conc: 20.58 ug/ml



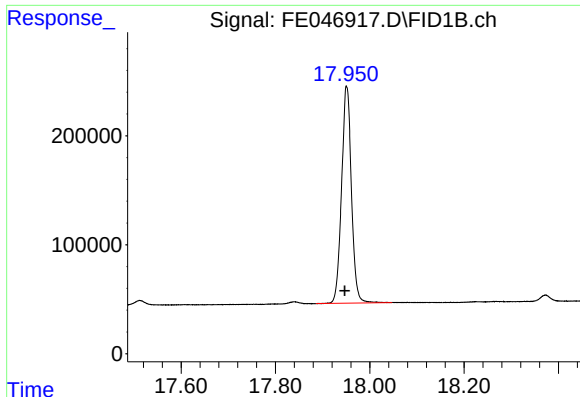
#15 n-Hexacosane (C26)

R.T.: 16.111 min
Delta R.T.: 0.002 min
Response: 2866732
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

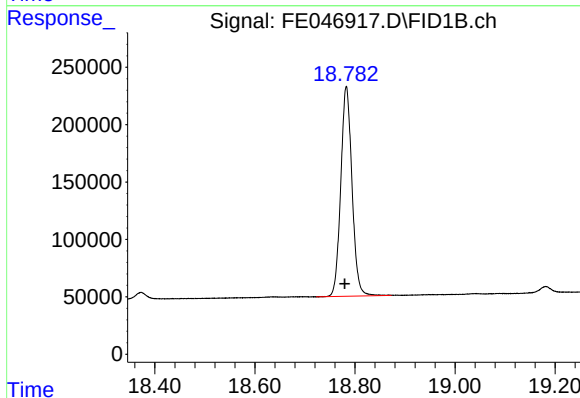
R.T.: 17.063 min
Delta R.T.: 0.004 min
Response: 2804756
Conc: 20.59 ug/ml



#17 n-Tricontane (C30)

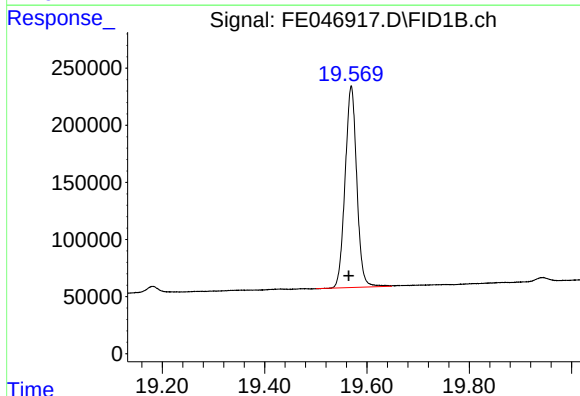
R.T.: 17.951 min
Delta R.T.: 0.004 min
Response: 2887183
Conc: 20.69 ug/ml

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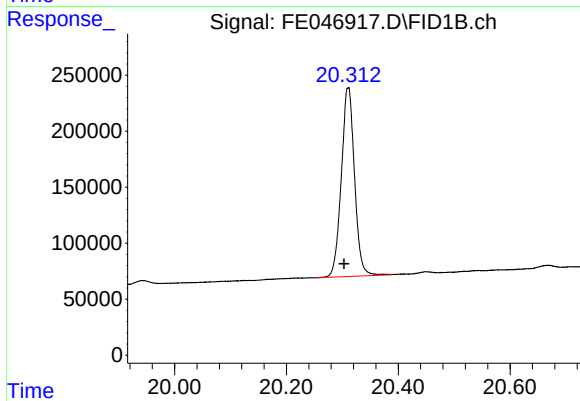
#18 n-Dotriacontane (C32)

R.T.: 18.783 min
Delta R.T.: 0.004 min
Response: 2846268
Conc: 20.68 ug/ml



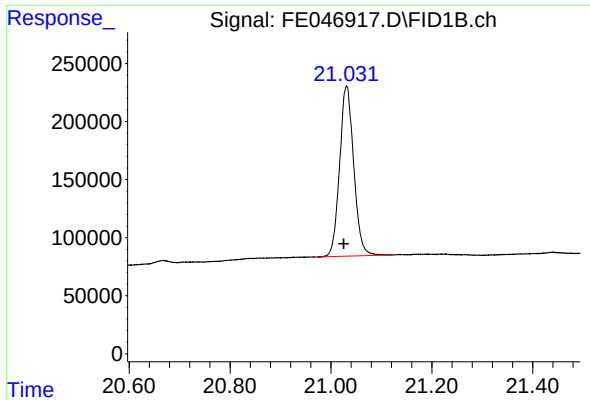
#19 n-Tetratriacontane (C34)

R.T.: 19.569 min
Delta R.T.: 0.005 min
Response: 2791257
Conc: 20.78 ug/ml



#20 n-Hexatriacontane (C36)

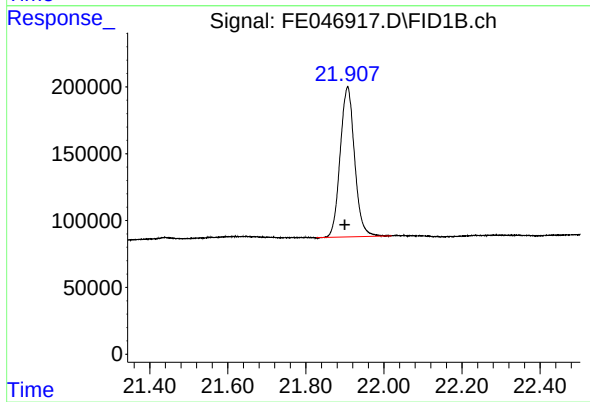
R.T.: 20.311 min
Delta R.T.: 0.007 min
Response: 2765373
Conc: 20.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.031 min
Delta R.T.: 0.006 min
Response: 2848227
Conc: 20.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: 0.007 min
Response: 2879110
Conc: 20.41 ug/ml