

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
 Data File : FE052529.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2025 10:24
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 27 10:51:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.916	3346288	17.901 ug/ml
Spiked Amount 50.000		Recovery =	35.80%
12) S 1-chlorooctadecane (S...	13.360	2495191	17.952 ug/ml
Spiked Amount 50.000		Recovery =	35.90%
Target Compounds			
1) T n-Nonane (C9)	3.254	3148650	20.512 ug/ml
2) T n-Decane (C10)	4.517	3204148	20.515 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3495073	20.230 ug/ml
4) T n-Dodecane (C12)	6.699	3170627	20.087 ug/ml
5) T A~2-methylnaphthalene...	7.333	3349632	19.944 ug/ml
6) T n-Tetradecane (C14)	8.535	3068843	19.483 ug/ml
7) T n-Hexadecane (C16)	10.150	3106315	19.006 ug/ml
8) T n-Octadecane (C18)	11.600	3085213	18.646 ug/ml
10) T n-Eicosane (C20)	12.914	2924703	18.346 ug/ml
11) T n-Heneicosane (C21)	13.528	2864041	18.281 ug/ml
13) T n-Docosane (C22)	14.116	2839464	18.144 ug/ml
14) T n-Tetracosane (C24)	15.224	2827527	17.979 ug/ml
15) T n-Hexacosane (C26)	16.248	2790919	18.019 ug/ml
16) T n-Octacosane (C28)	17.200	2763627	18.067 ug/ml
17) T n-Tricontane (C30)	18.091	2832241	18.144 ug/ml
18) T n-Dotriacontane (C32)	18.927	2757331	18.019 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2472425	17.379 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2227234	17.870 ug/ml
21) T n-Octatriacontane (C38)	21.198	2228110	20.385 ug/ml
22) T n-Tetracontane (C40)	22.124	2337462	23.238 ug/ml

(f)=RT Delta > 1/2 Window

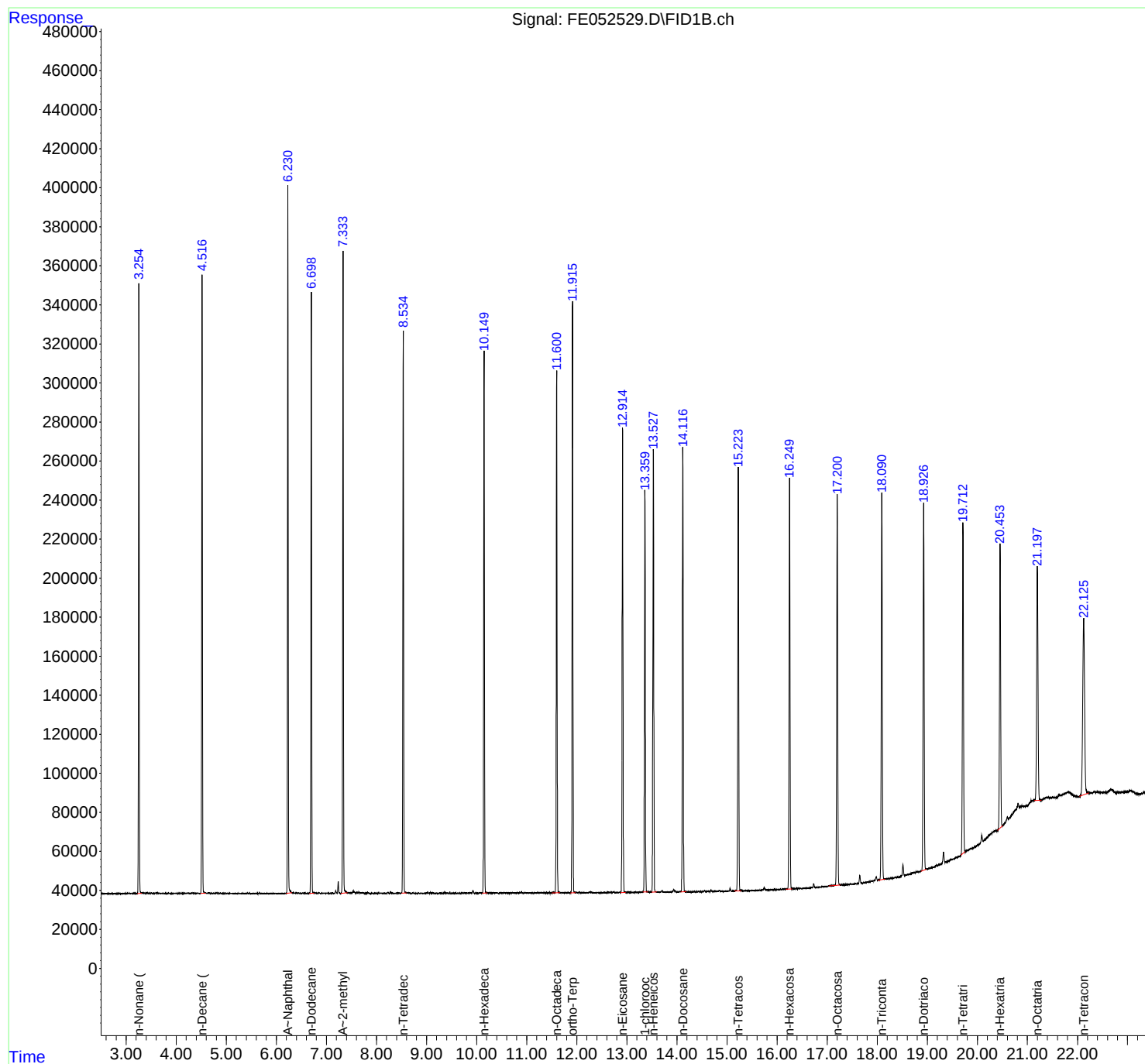
(m)=manual int.

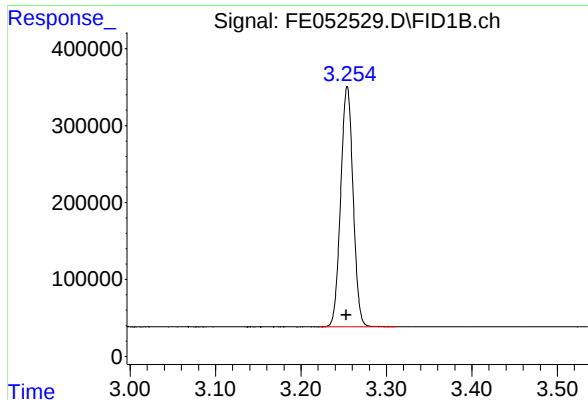
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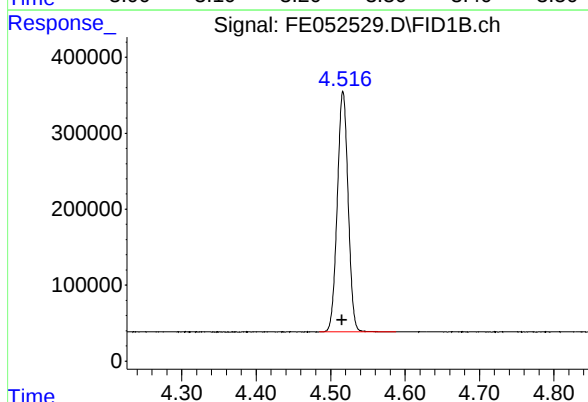




#1 n-Nonane (C9)

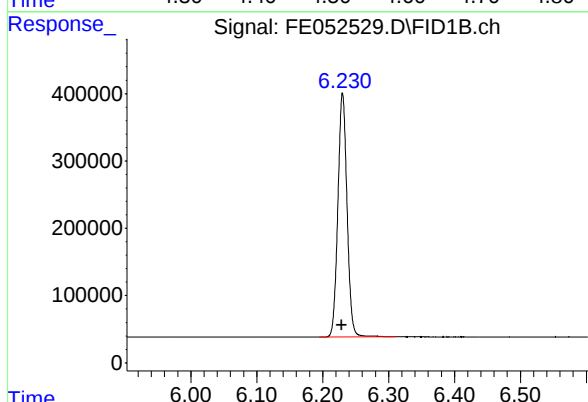
R.T.: 3.254 min
Delta R.T.: 0.001 min
Response: 3148650
Conc: 20.51 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



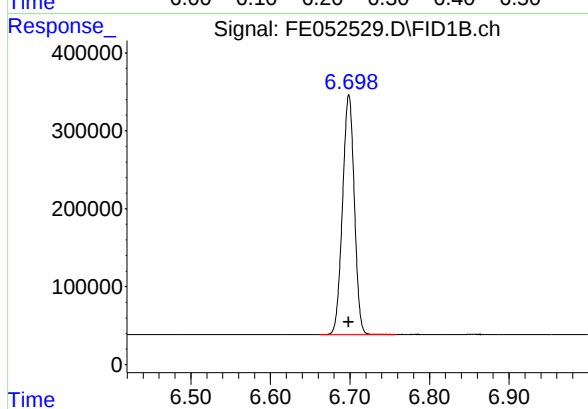
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.001 min
Response: 3204148
Conc: 20.51 ug/ml



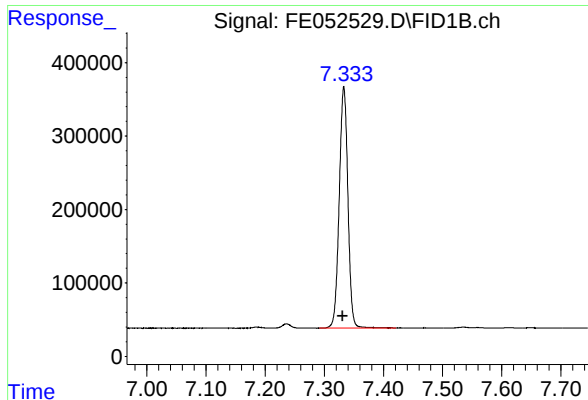
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.001 min
Response: 3495073
Conc: 20.23 ug/ml



#4 n-Dodecane (C12)

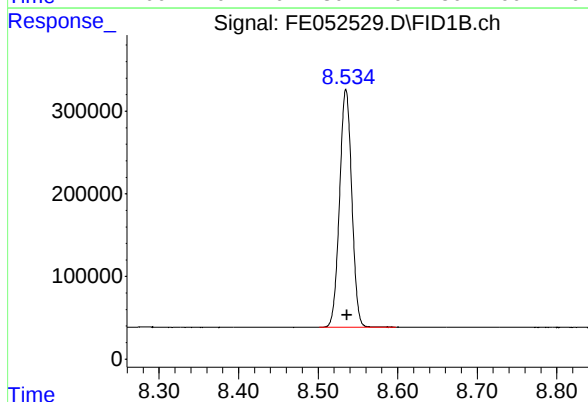
R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 3170627
Conc: 20.09 ug/ml



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

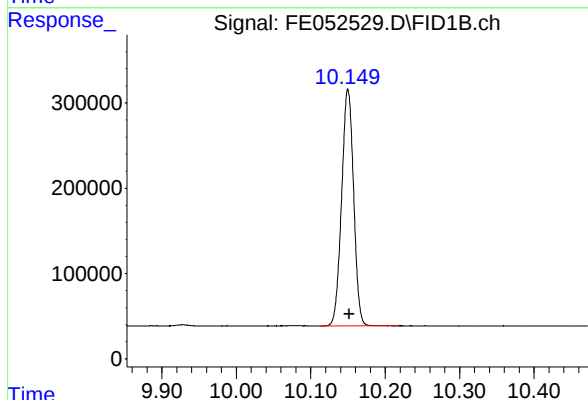
R.T.: 7.333 min
Delta R.T.: 0.002 min
Response: 3349632
Conc: 19.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



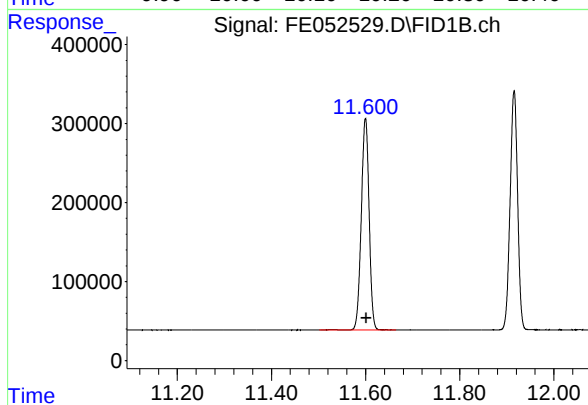
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: -0.001 min
Response: 3068843
Conc: 19.48 ug/ml



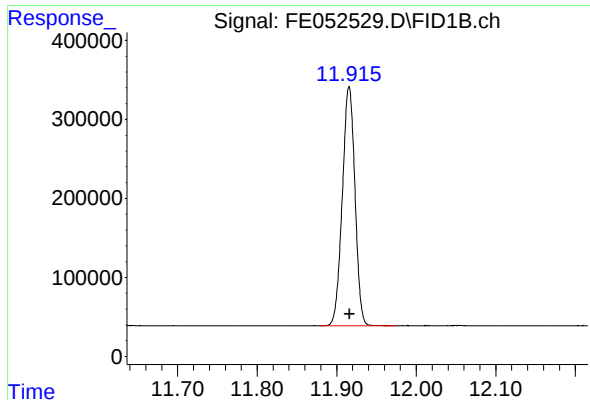
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: -0.002 min
Response: 3106315
Conc: 19.01 ug/ml



#8 n-Octadecane (C18)

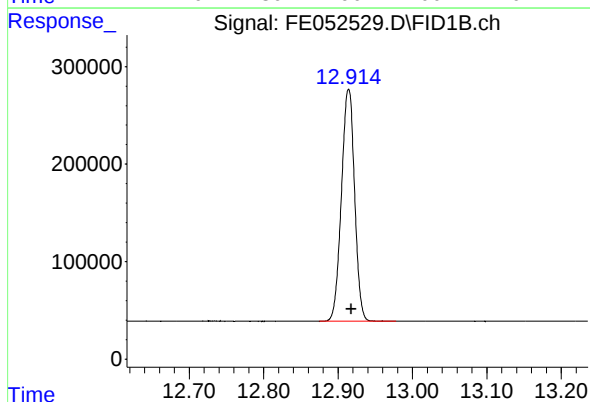
R.T.: 11.600 min
Delta R.T.: -0.002 min
Response: 3085213
Conc: 18.65 ug/ml



#9 ortho-Terphenyl (SURR)

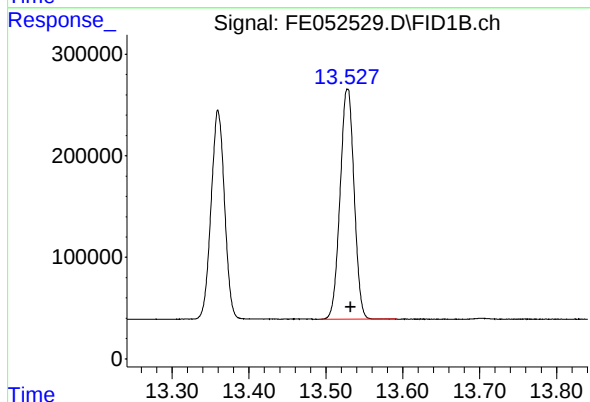
R.T.: 11.916 min
Delta R.T.: 0.000 min
Response: 3346288
Conc: 17.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



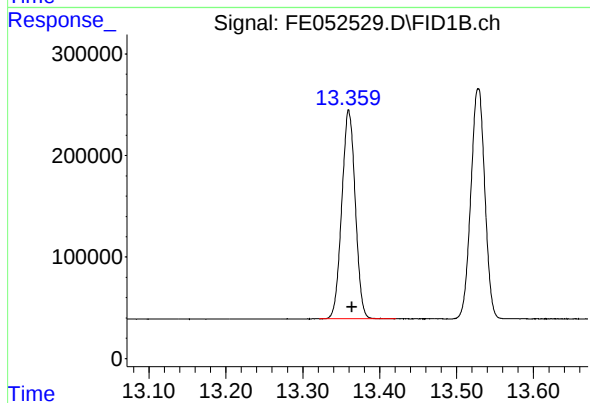
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: -0.004 min
Response: 2924703
Conc: 18.35 ug/ml



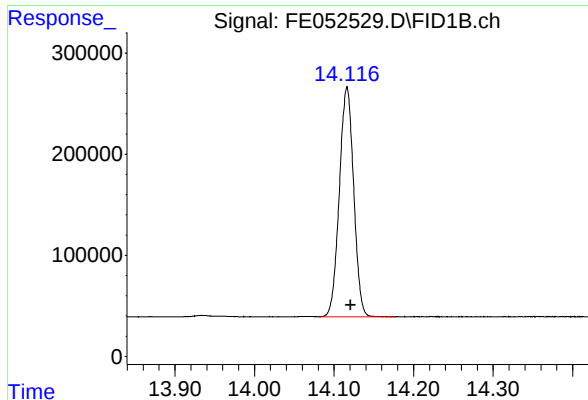
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: -0.004 min
Response: 2864041
Conc: 18.28 ug/ml



#12 1-chlorooctadecane (SURR)

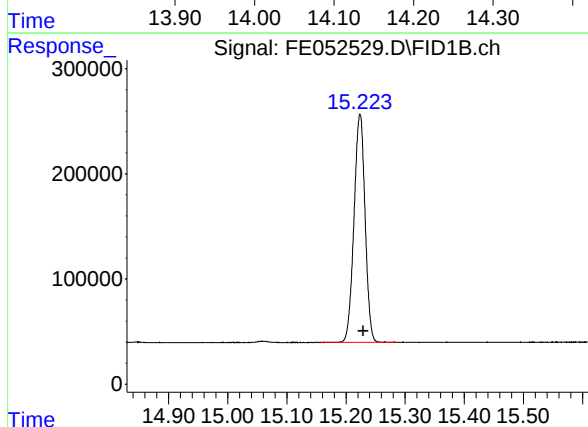
R.T.: 13.360 min
Delta R.T.: -0.004 min
Response: 2495191
Conc: 17.95 ug/ml



#13 n-Docosane (C22)

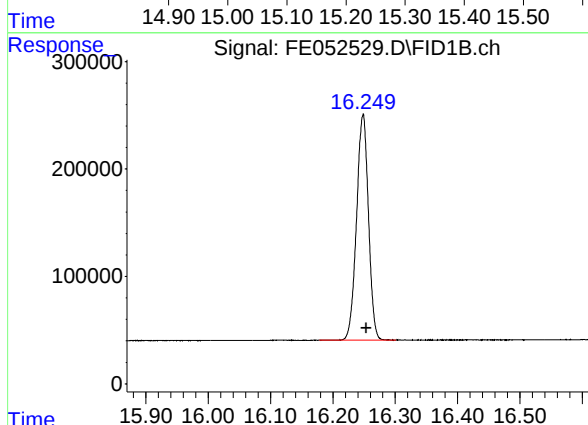
R.T.: 14.116 min
Delta R.T.: -0.005 min
Response: 2839464
Conc: 18.14 ug/ml

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20 PPM ALIPHATIC HC STD



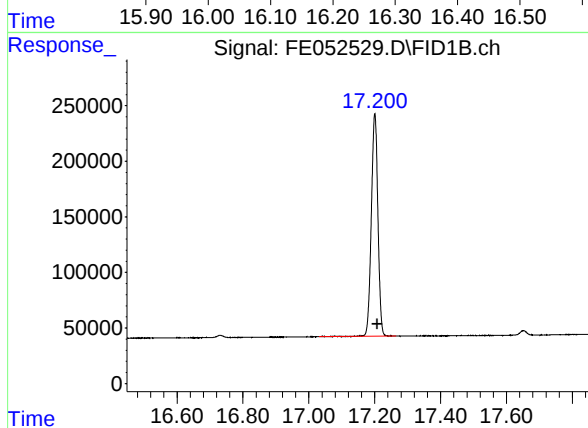
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.005 min
Response: 2827527
Conc: 17.98 ug/ml



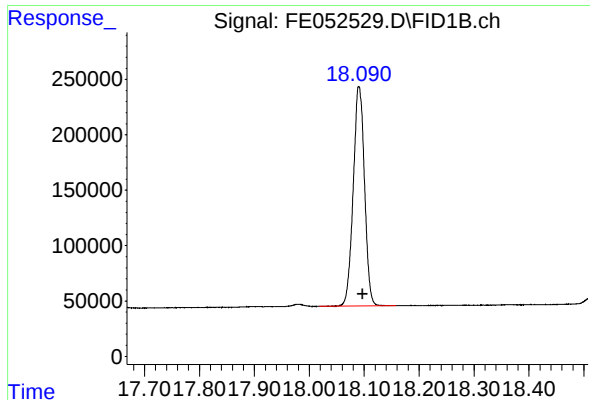
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.006 min
Response: 2790919
Conc: 18.02 ug/ml



#16 n-Octacosane (C28)

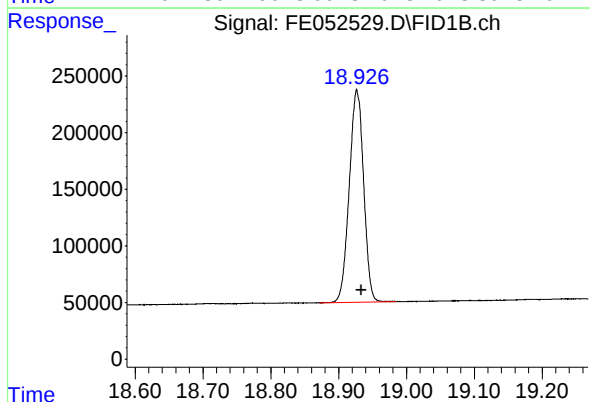
R.T.: 17.200 min
Delta R.T.: -0.007 min
Response: 2763627
Conc: 18.07 ug/ml



#17 n-Tricontane (C30)

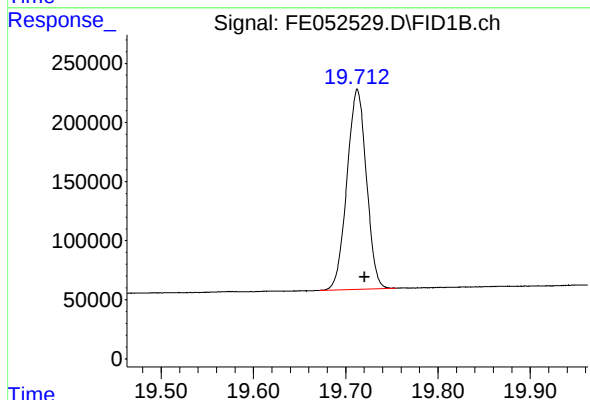
R.T.: 18.091 min
Delta R.T.: -0.007 min
Response: 2832241
Conc: 18.14 ug/ml

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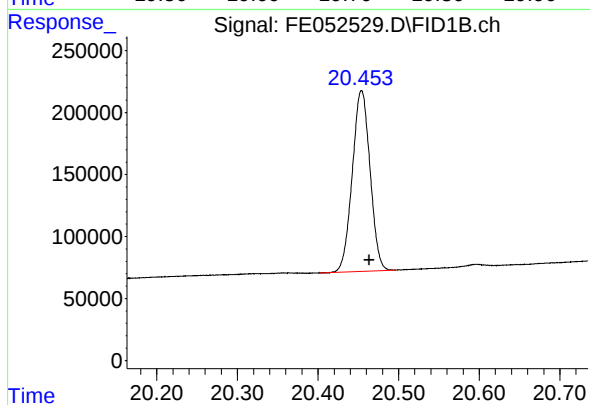
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.006 min
Response: 2757331
Conc: 18.02 ug/ml



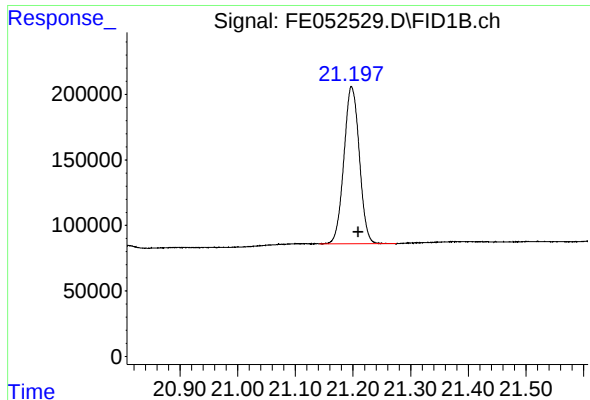
#19 n-Tetatriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.008 min
Response: 2472425
Conc: 17.38 ug/ml



#20 n-Hexatriacontane (C36)

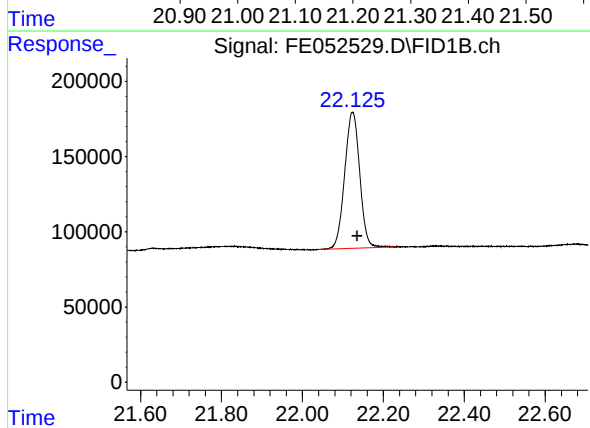
R.T.: 20.454 min
Delta R.T.: -0.010 min
Response: 2227234
Conc: 17.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.012 min
Response: 2228110
Conc: 20.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: -0.011 min
Response: 2337462
Conc: 23.24 ug/ml