

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042125AL\
 Data File : FE053454.D
 Signal(s) : FID1B.ch
 Acq On : 21 Apr 2025 23:05
 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: Apr 22 03:17:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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)	11.877	3729285	20.677 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
12) S 1-chlorooctadecane (S...	13.321	2745412	20.310 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
Target Compounds			
1) T n-Nonane (C9)	3.223	2999362	21.877 ug/ml
2) T n-Decane (C10)	4.484	3065821	22.162 ug/ml
3) T A~Naphthalene (C11.7)	6.196	3359964	22.259 ug/ml
4) T n-Dodecane (C12)	6.664	3096688	22.080 ug/ml
5) T A~2-methylnaphthalene...	7.298	3334508	22.334 ug/ml
6) T n-Tetradecane (C14)	8.500	3069813	21.882 ug/ml
7) T n-Hexadecane (C16)	10.114	3072478	21.438 ug/ml
8) T n-Octadecane (C18)	11.562	3058059	20.984 ug/ml
10) T n-Eicosane (C20)	12.876	2996766	20.595 ug/ml
11) T n-Heneicosane (C21)	13.490	2963304	20.458 ug/ml
13) T n-Docosane (C22)	14.077	2935800	20.345 ug/ml
14) T n-Tetracosane (C24)	15.184	2884744	20.083 ug/ml
15) T n-Hexacosane (C26)	16.207	2826289	19.956 ug/ml
16) T n-Octacosane (C28)	17.158	2787916	20.039 ug/ml
17) T n-Tricontane (C30)	18.048	2831272	20.340 ug/ml
18) T n-Dotriacontane (C32)	18.882	2782494	20.265 ug/ml
19) T n-Tetratriacontane (C34)	19.667	2689294	20.640 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2640931	20.919 ug/ml
21) T n-Octatriacontane (C38)	21.146	2631659	21.601 ug/ml
22) T n-Tetracontane (C40)	22.052	2551212	21.363 ug/ml

(f)=RT Delta > 1/2 Window

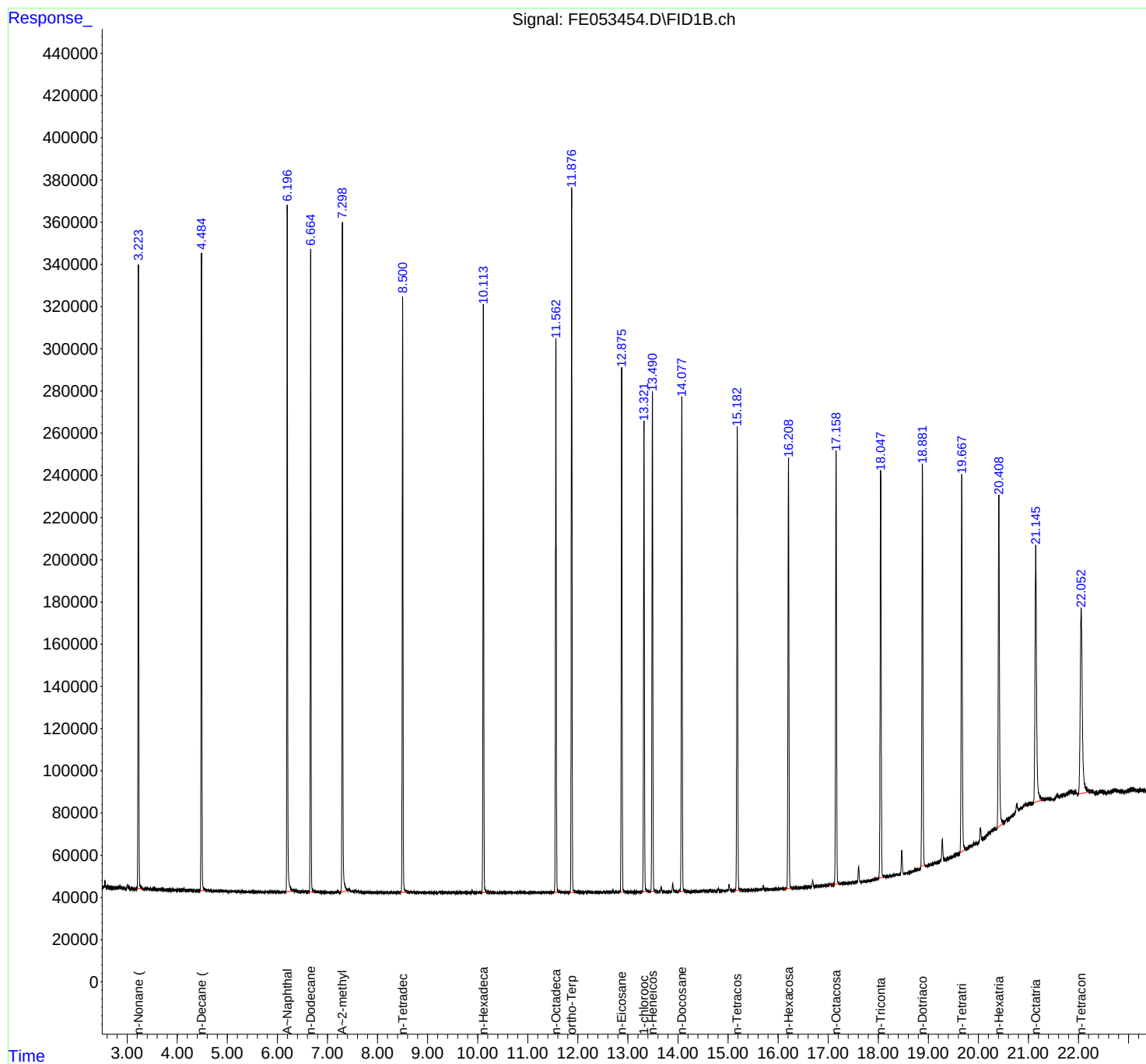
(m)=manual int.

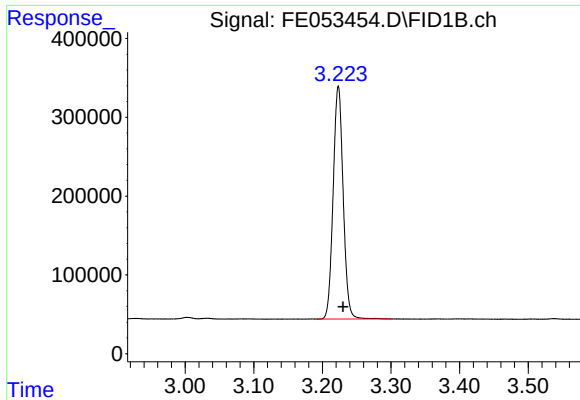
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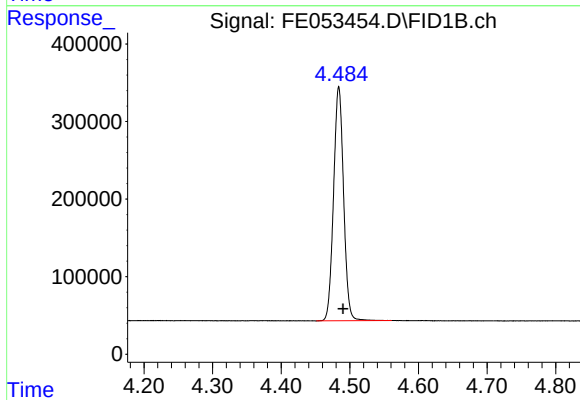




#1 n-Nonane (C9)

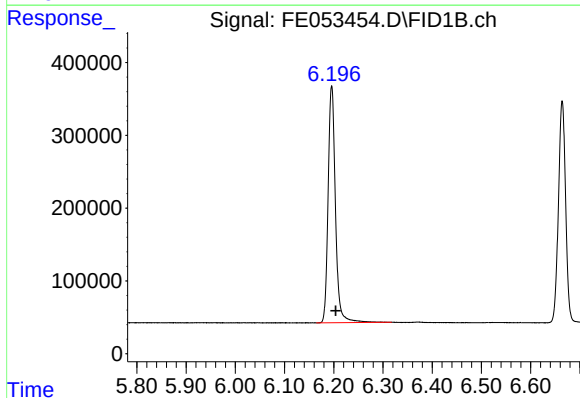
R.T.: 3.223 min
Delta R.T.: -0.007 min
Response: 2999362
Conc: 21.88 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



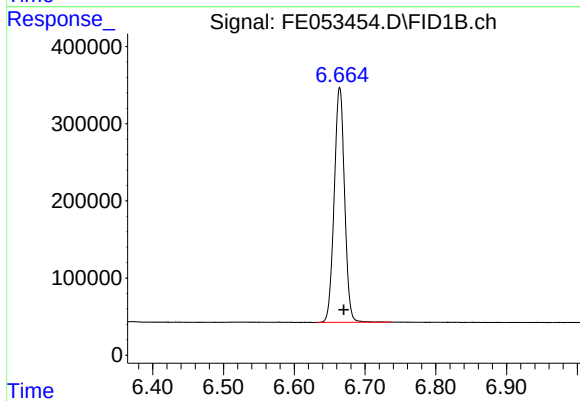
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.006 min
Response: 3065821
Conc: 22.16 ug/ml



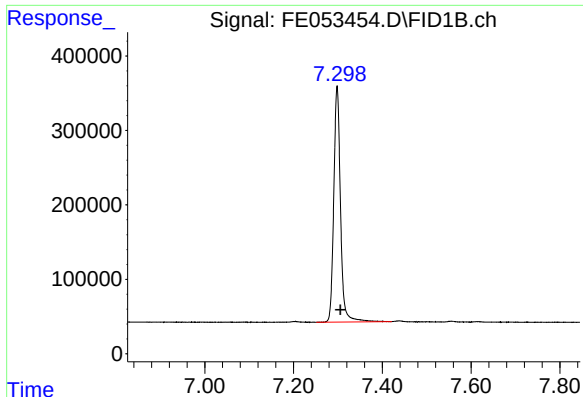
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: -0.008 min
Response: 3359964
Conc: 22.26 ug/ml



#4 n-Dodecane (C12)

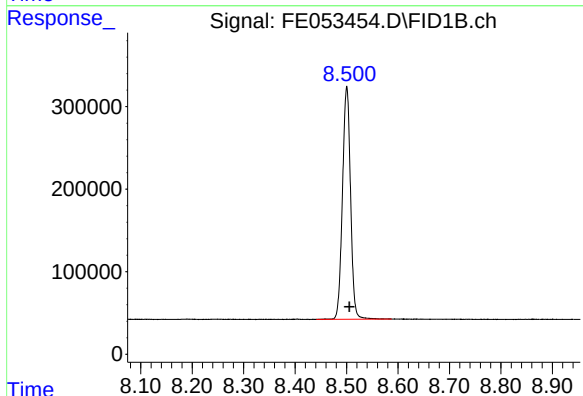
R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 3096688
Conc: 22.08 ug/ml



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

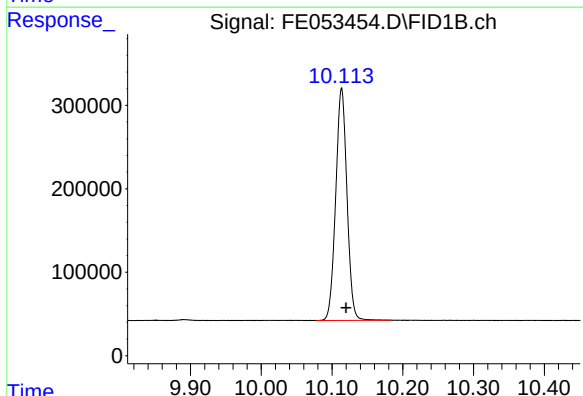
R.T.: 7.298 min
Delta R.T.: -0.008 min
Response: 3334508
Conc: 22.33 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



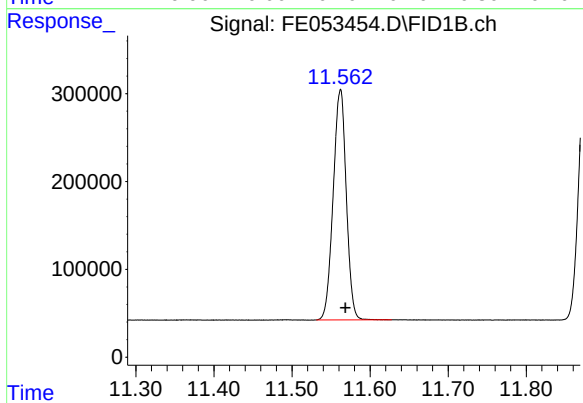
#6 n-Tetradecane (C14)

R.T.: 8.500 min
Delta R.T.: -0.006 min
Response: 3069813
Conc: 21.88 ug/ml



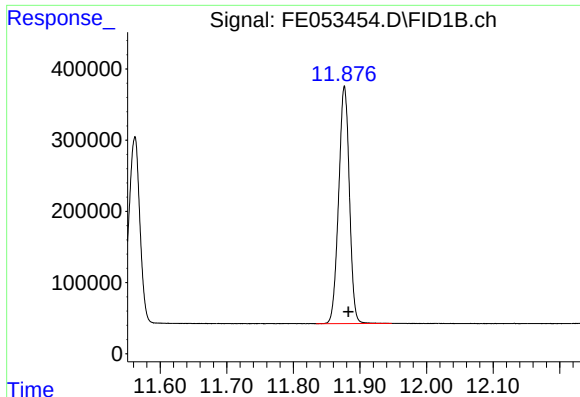
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.006 min
Response: 3072478
Conc: 21.44 ug/ml



#8 n-Octadecane (C18)

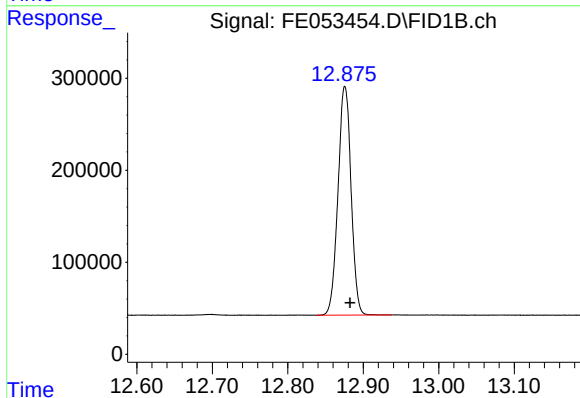
R.T.: 11.562 min
Delta R.T.: -0.007 min
Response: 3058059
Conc: 20.98 ug/ml



#9 ortho-Terphenyl (SURR)

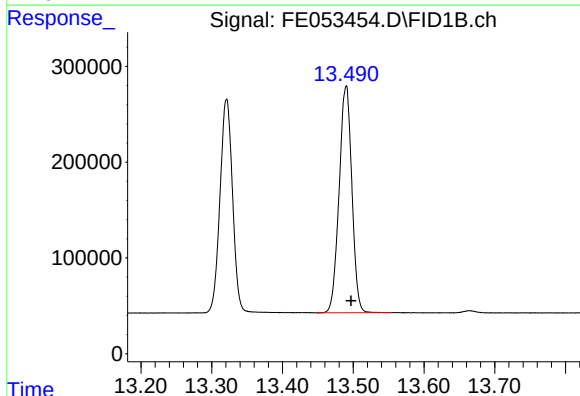
R.T.: 11.877 min
Delta R.T.: -0.006 min
Response: 3729285
Conc: 20.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



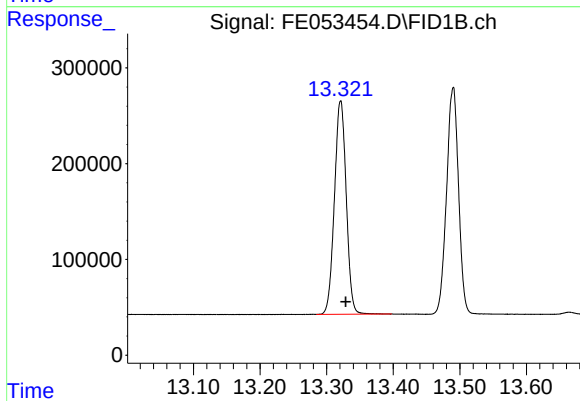
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.007 min
Response: 2996766
Conc: 20.59 ug/ml



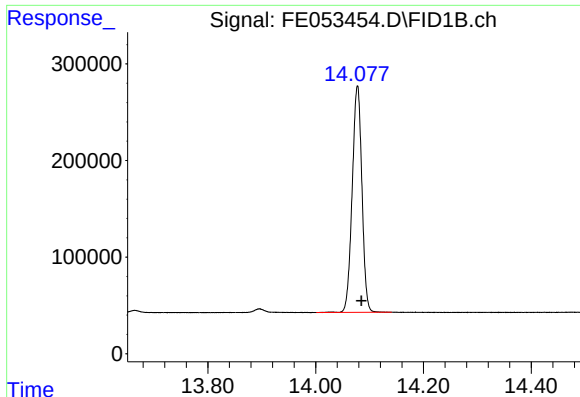
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: -0.007 min
Response: 2963304
Conc: 20.46 ug/ml



#12 1-chlorooctadecane (SURR)

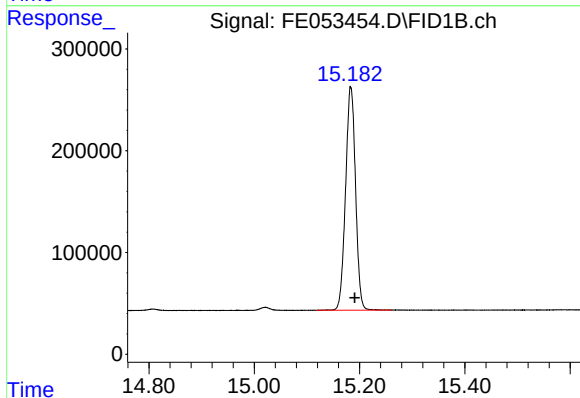
R.T.: 13.321 min
Delta R.T.: -0.008 min
Response: 2745412
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

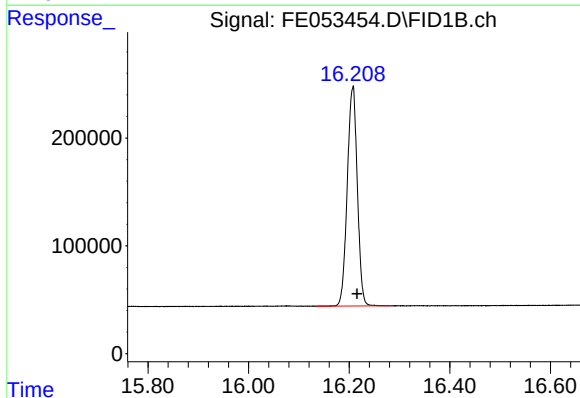
R.T.: 14.077 min
Delta R.T.: -0.008 min
Response: 2935800
Conc: 20.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



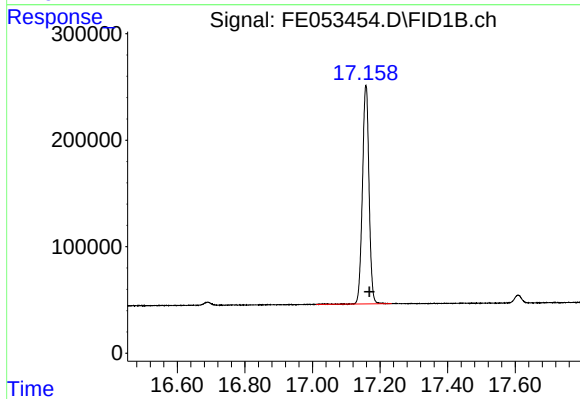
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.008 min
Response: 2884744
Conc: 20.08 ug/ml



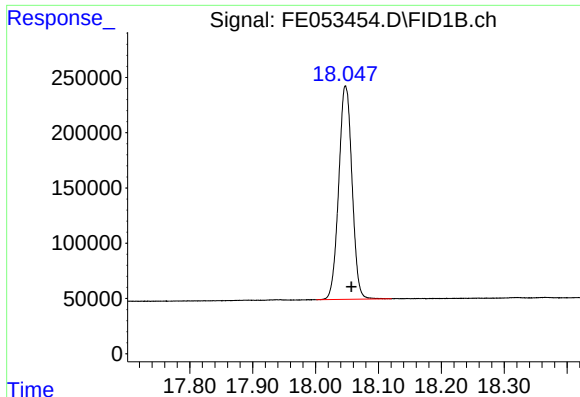
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.009 min
Response: 2826289
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

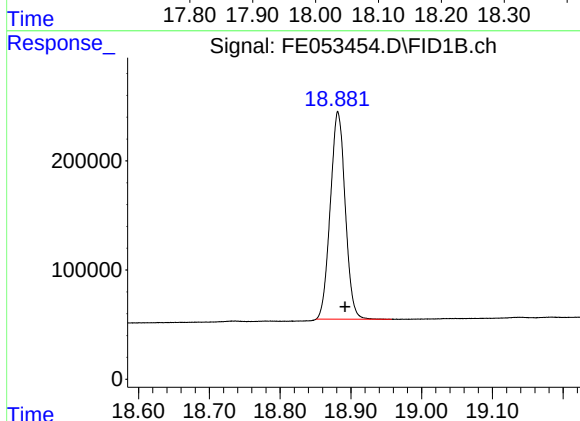
R.T.: 17.158 min
Delta R.T.: -0.010 min
Response: 2787916
Conc: 20.04 ug/ml



#17 n-Tricontane (C30)

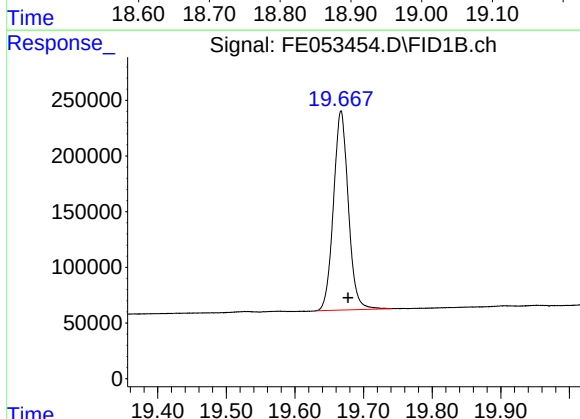
R.T.: 18.048 min
Delta R.T.: -0.009 min
Response: 2831272
Conc: 20.34 ug/ml

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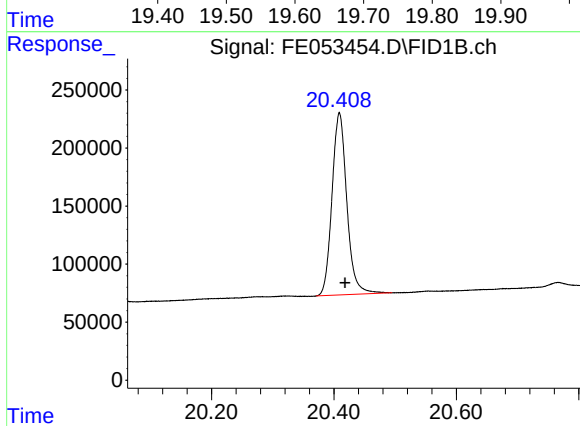
#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: -0.010 min
Response: 2782494
Conc: 20.26 ug/ml



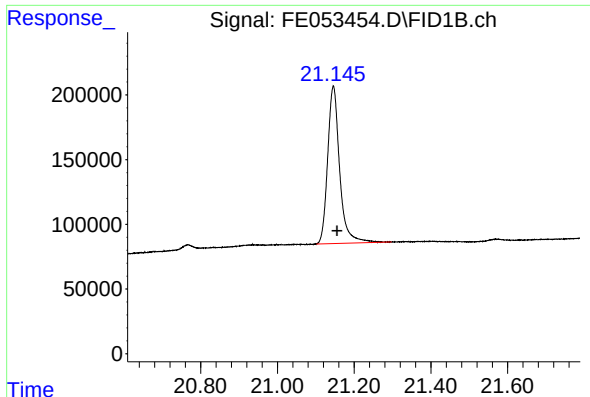
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: -0.010 min
Response: 2689294
Conc: 20.64 ug/ml



#20 n-Hexatriacontane (C36)

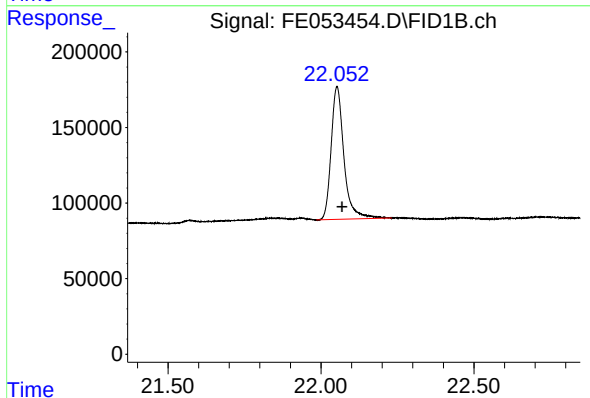
R.T.: 20.409 min
Delta R.T.: -0.009 min
Response: 2640931
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.146 min
Delta R.T.: -0.010 min
Response: 2631659
Conc: 21.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.052 min
Delta R.T.: -0.016 min
Response: 2551212
Conc: 21.36 ug/ml