

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041625AL\
 Data File : FE053380.D
 Signal(s) : FID1B.ch
 Acq On : 16 Apr 2025 09:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 17 03:05:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.896	3303101	20.279 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
12) S 1-chlorooctadecane (S...	13.342	2430009	20.243 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	3.234	3289266	21.243 ug/ml
2) T n-Decane (C10)	4.495	3344616	21.323 ug/ml
3) T A~Naphthalene (C11.7)	6.211	3491380	20.783 ug/ml
4) T n-Dodecane (C12)	6.677	3332430	21.307 ug/ml
5) T A~2-methylnaphthalene...	7.315	3292976	20.638 ug/ml
6) T n-Tetradecane (C14)	8.515	3239531	21.157 ug/ml
7) T n-Hexadecane (C16)	10.130	3232160	20.968 ug/ml
8) T n-Octadecane (C18)	11.580	3134063	20.664 ug/ml
10) T n-Eicosane (C20)	12.895	2911931	20.424 ug/ml
11) T n-Heneicosane (C21)	13.510	2829005	20.386 ug/ml
13) T n-Docosane (C22)	14.098	2799185	20.439 ug/ml
14) T n-Tetracosane (C24)	15.205	2791967	20.672 ug/ml
15) T n-Hexacosane (C26)	16.230	2787323	20.893 ug/ml
16) T n-Octacosane (C28)	17.183	2822578	21.388 ug/ml
17) T n-Tricontane (C30)	18.074	2954614	21.799 ug/ml
18) T n-Dotriacontane (C32)	18.907	2969942	22.071 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2750195	21.254 ug/ml
20) T n-Hexatriacontane (C36)	20.435	2271004	19.118 ug/ml
21) T n-Octatriacontane (C38)	21.176	1932792	16.816 ug/ml
22) T n-Tetracontane (C40)	22.096	1819060	16.196 ug/ml

(f)=RT Delta > 1/2 Window

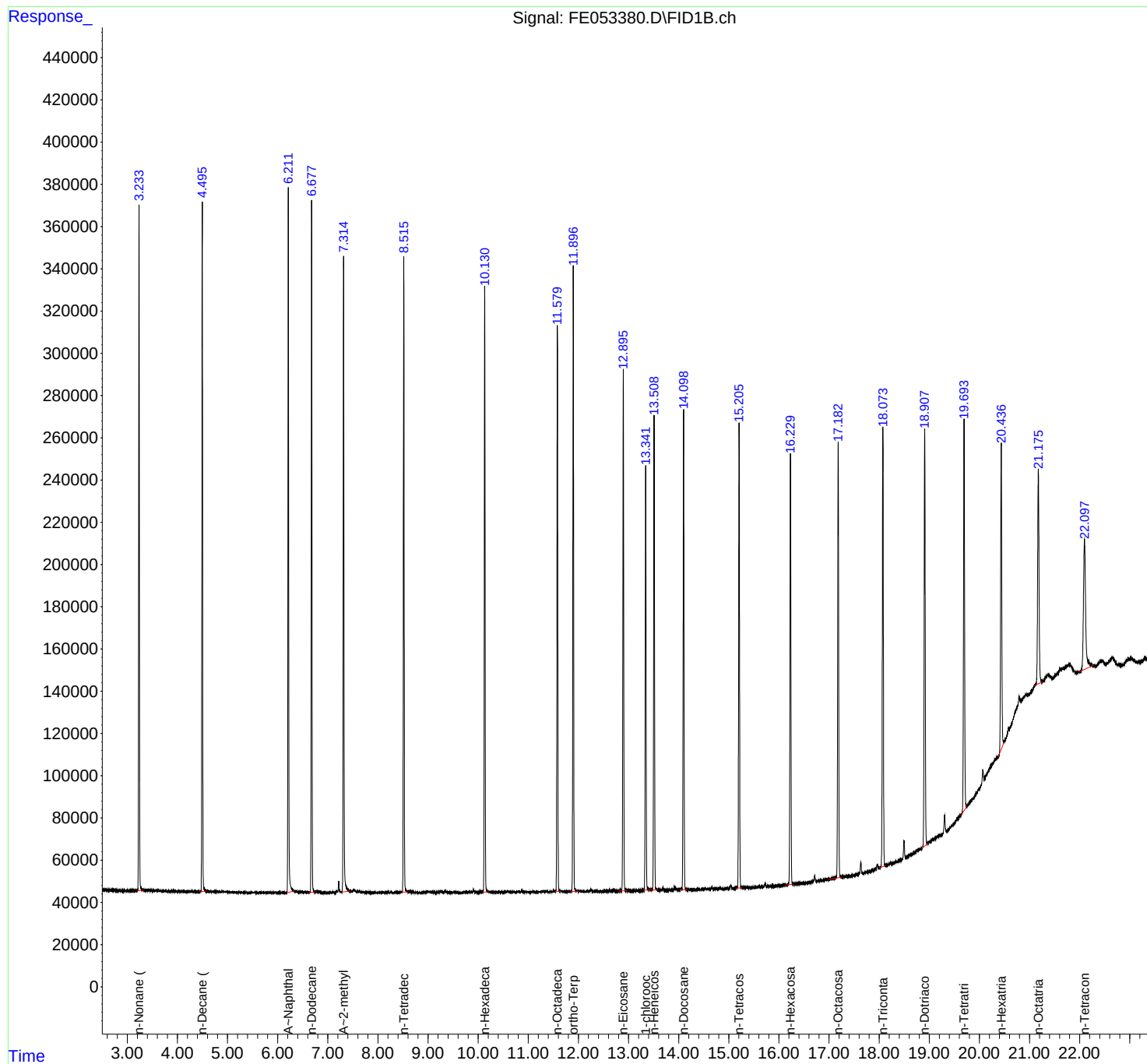
(m)=manual int.

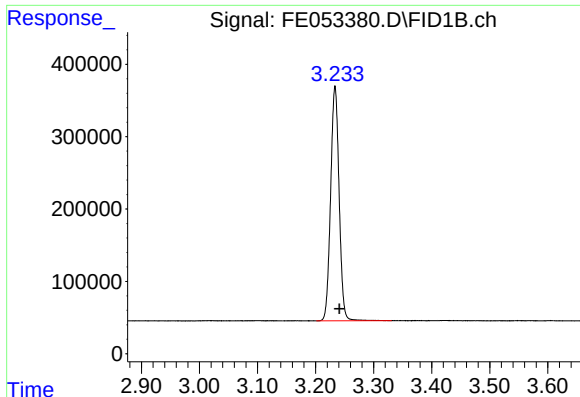
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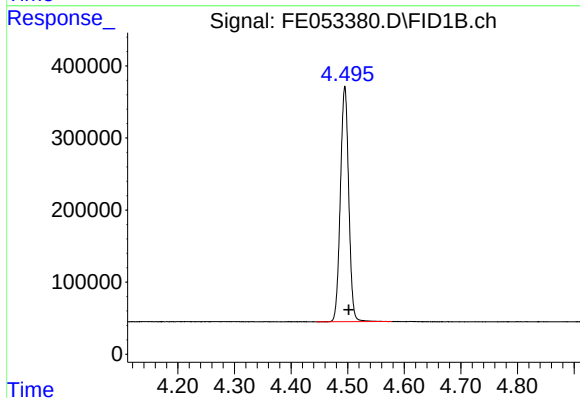




#1 n-Nonane (C9)

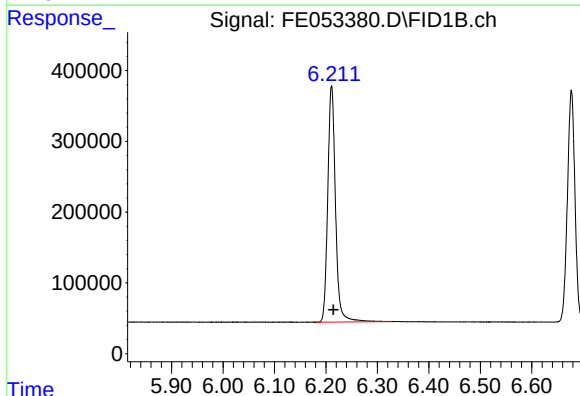
R.T.: 3.234 min
Delta R.T.: -0.007 min
Response: 3289266
Conc: 21.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



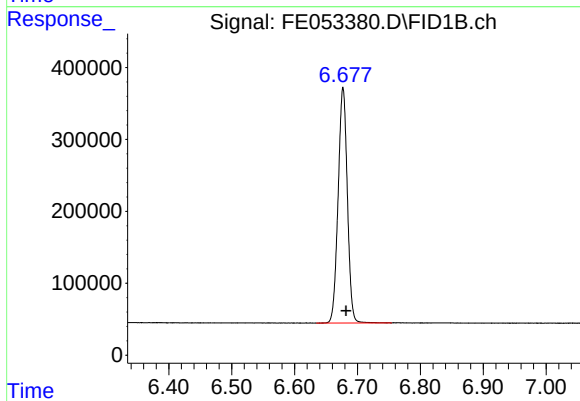
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.007 min
Response: 3344616
Conc: 21.32 ug/ml



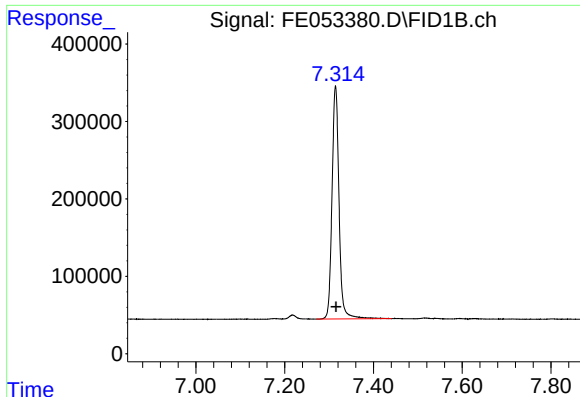
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.003 min
Response: 3491380
Conc: 20.78 ug/ml



#4 n-Dodecane (C12)

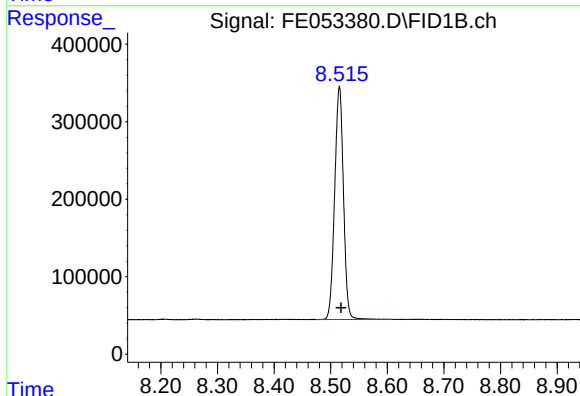
R.T.: 6.677 min
Delta R.T.: -0.005 min
Response: 3332430
Conc: 21.31 ug/ml



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

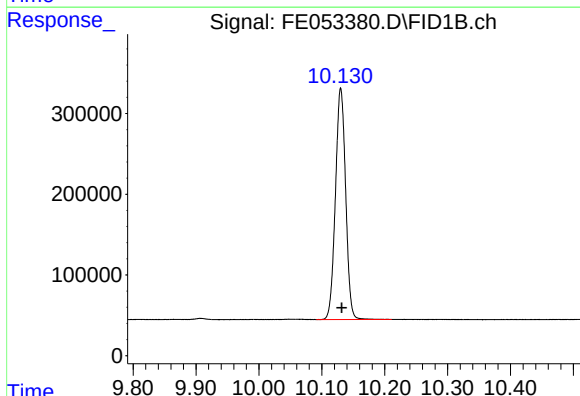
R.T.: 7.315 min
Delta R.T.: -0.001 min
Response: 3292976
Conc: 20.64 ug/ml

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20 PPM ALIPHATIC HC STD



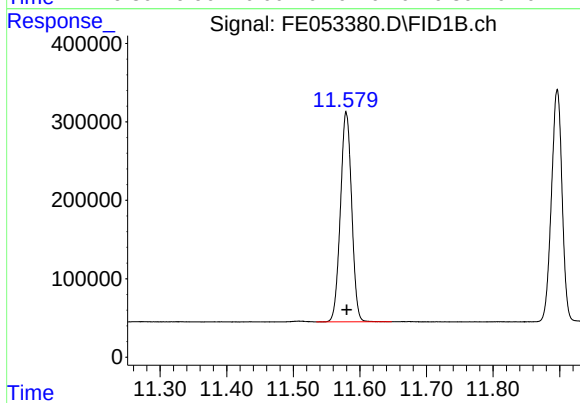
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 3239531
Conc: 21.16 ug/ml



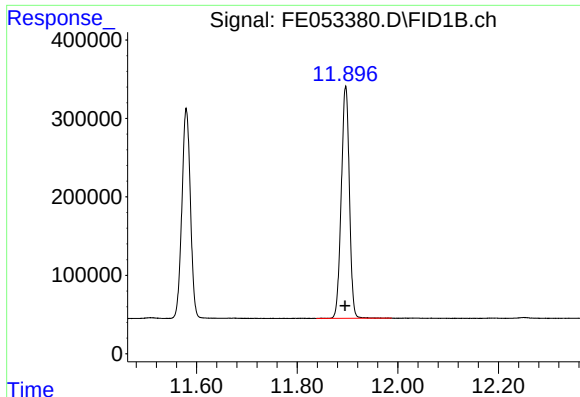
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.002 min
Response: 3232160
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

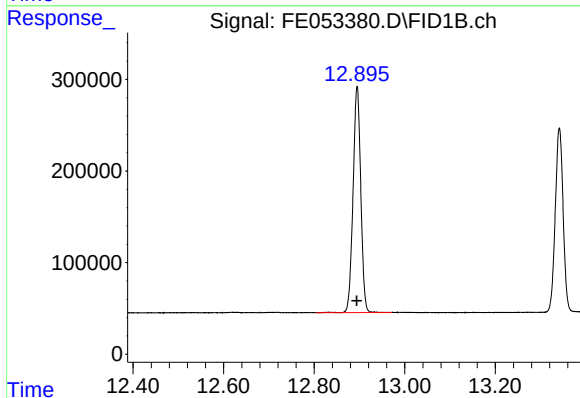
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 3134063
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

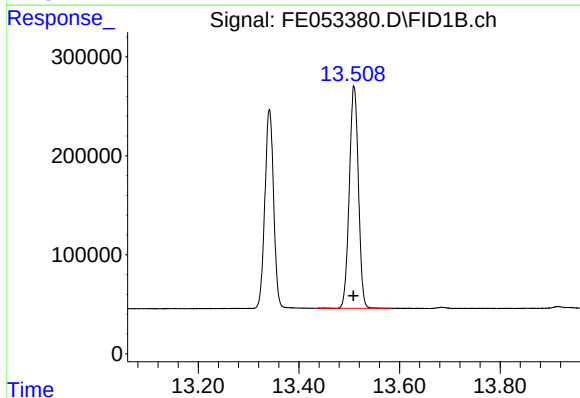
R.T.: 11.896 min
Delta R.T.: 0.001 min
Response: 3303101
Conc: 20.28 ug/ml

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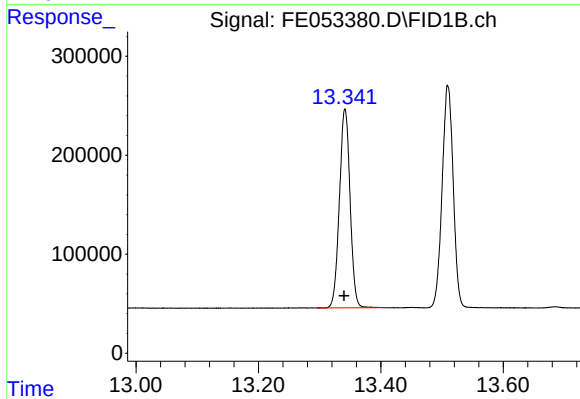
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 2911931
Conc: 20.42 ug/ml



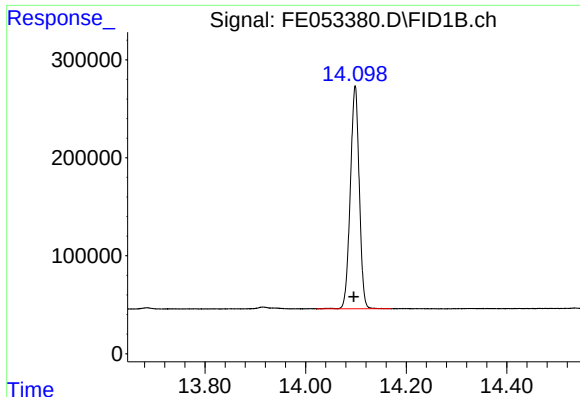
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: 0.002 min
Response: 2829005
Conc: 20.39 ug/ml



#12 1-chlorooctadecane (SURR)

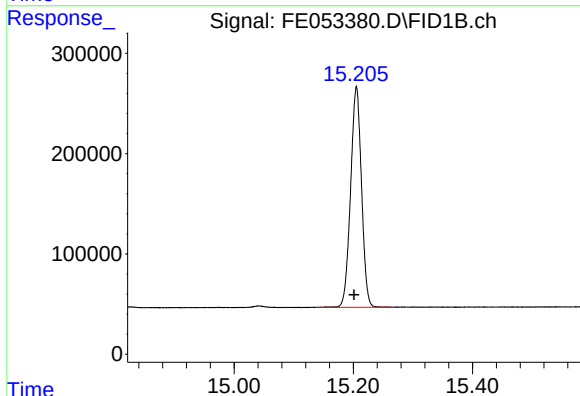
R.T.: 13.342 min
Delta R.T.: 0.002 min
Response: 2430009
Conc: 20.24 ug/ml



#13 n-Docosane (C22)

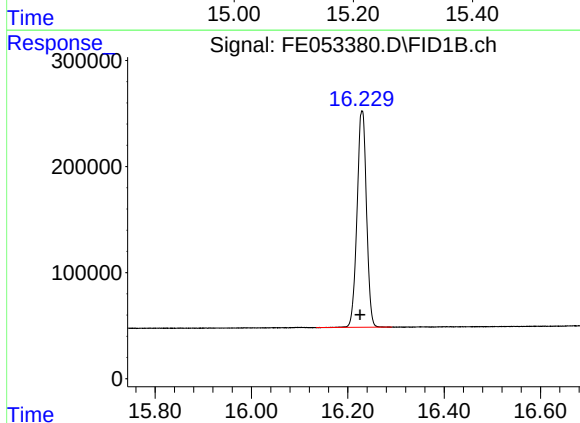
R.T.: 14.098 min
Delta R.T.: 0.003 min
Response: 2799185
Conc: 20.44 ug/ml

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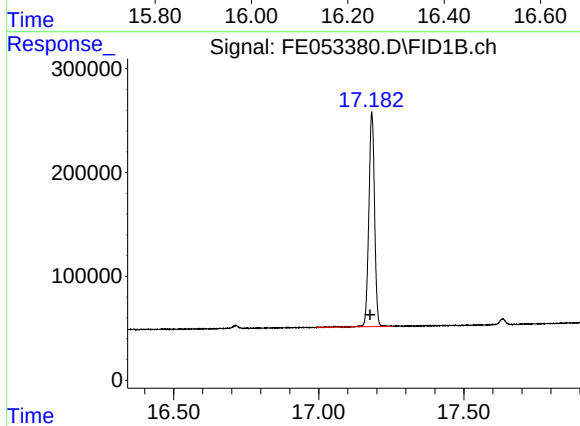
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: 0.004 min
Response: 2791967
Conc: 20.67 ug/ml



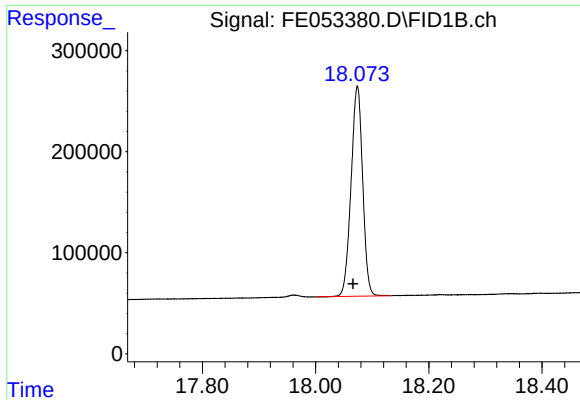
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: 0.004 min
Response: 2787323
Conc: 20.89 ug/ml



#16 n-Octacosane (C28)

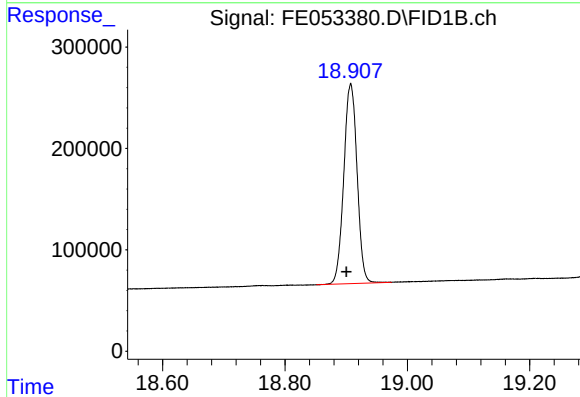
R.T.: 17.183 min
Delta R.T.: 0.006 min
Response: 2822578
Conc: 21.39 ug/ml



#17 n-Tricontane (C30)

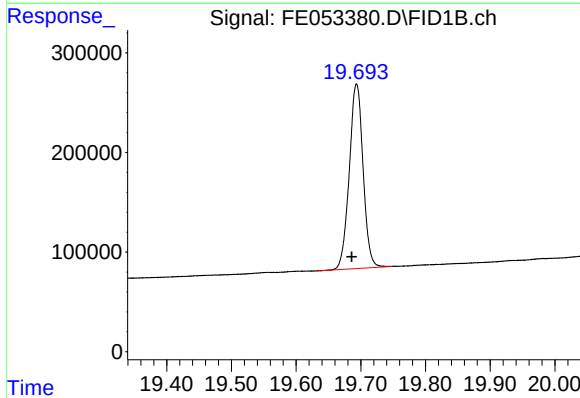
R.T.: 18.074 min
Delta R.T.: 0.007 min
Response: 2954614
Conc: 21.80 ug/ml

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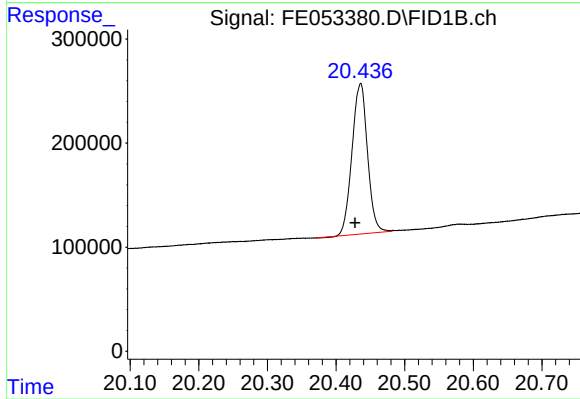
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.007 min
Response: 2969942
Conc: 22.07 ug/ml



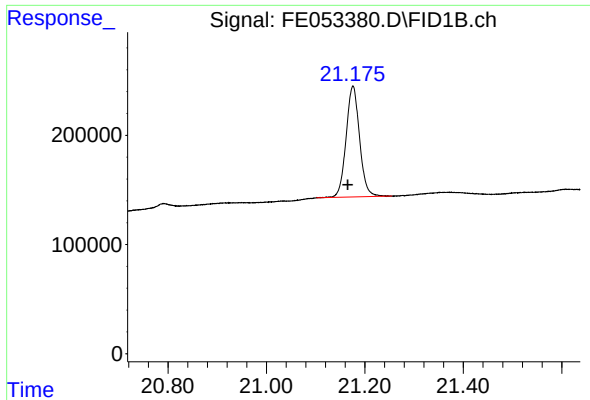
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.008 min
Response: 2750195
Conc: 21.25 ug/ml



#20 n-Hexatriacontane (C36)

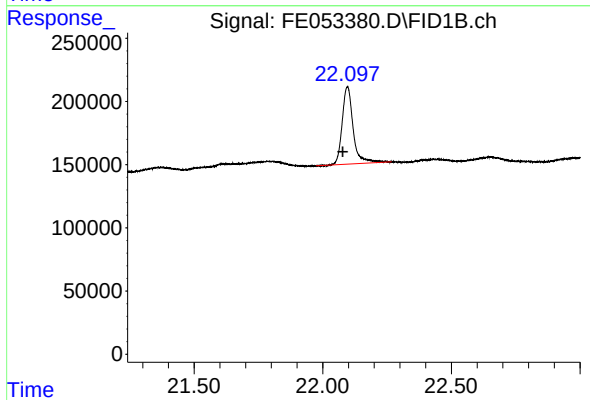
R.T.: 20.435 min
Delta R.T.: 0.008 min
Response: 2271004
Conc: 19.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: 0.011 min
Response: 1932792
Conc: 16.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: 0.017 min
Response: 1819060
Conc: 16.20 ug/ml