

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012125AL\
 Data File : FE051981.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jan 2025 09:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 21 10:09:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.196	2962451	20.727 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
12) S 1-chlorooctadecane (S...	13.612	2300345	20.053 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
Target Compounds			
1) T n-Nonane (C9)	3.670	2241111	21.021 ug/ml
2) T n-Decane (C10)	4.898	2390311	21.834 ug/ml
3) T A~Naphthalene (C11.7)	6.594	2712107	22.319 ug/ml
4) T n-Dodecane (C12)	7.028	2509912	22.238 ug/ml
5) T A~2-methylnaphthalene...	7.675	2683523	22.478 ug/ml
6) T n-Tetradecane (C14)	8.835	2566520	22.066 ug/ml
7) T n-Hexadecane (C16)	10.429	2710739	21.493 ug/ml
8) T n-Octadecane (C18)	11.864	2759665	20.858 ug/ml
10) T n-Eicosane (C20)	13.166	2672007	20.382 ug/ml
11) T n-Heneicosane (C21)	13.775	2620539	20.133 ug/ml
13) T n-Docosane (C22)	14.359	2634186	20.072 ug/ml
14) T n-Tetracosane (C24)	15.457	2675333	20.141 ug/ml
15) T n-Hexacosane (C26)	16.475	2641773	19.985 ug/ml
16) T n-Octacosane (C28)	17.422	2653099	20.102 ug/ml
17) T n-Tricontane (C30)	18.307	2801409	20.547 ug/ml
18) T n-Dotriacontane (C32)	19.139	2715823	20.723 ug/ml
19) T n-Tetratriacontane (C34)	19.921	2345428	20.833 ug/ml
20) T n-Hexatriacontane (C36)	20.660	2021030	21.278 ug/ml
21) T n-Octatriacontane (C38)	21.449	1853216	21.454 ug/ml
22) T n-Tetracontane (C40)	22.453	1979670	24.022 ug/ml

(f)=RT Delta > 1/2 Window

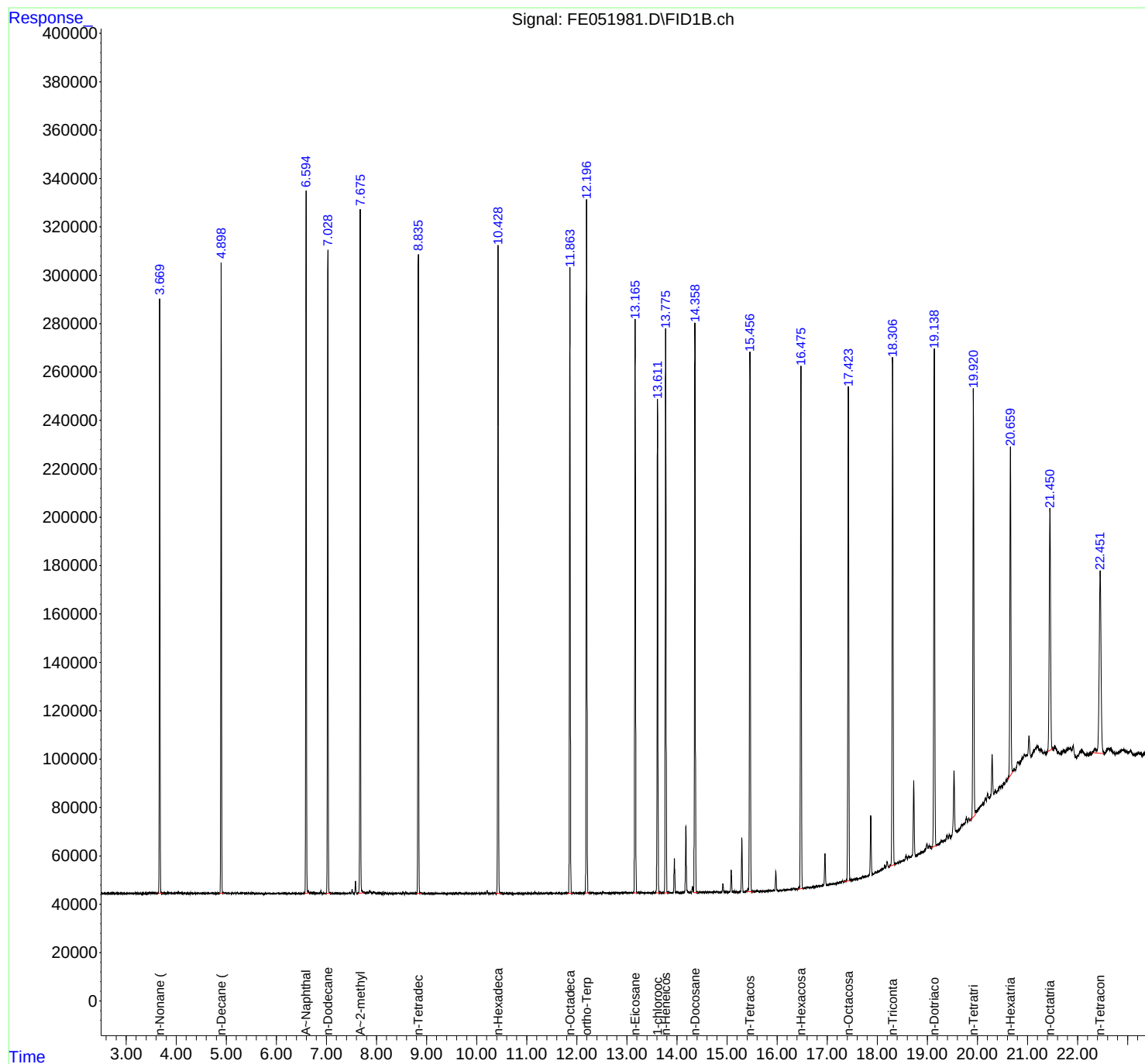
(m)=manual int.

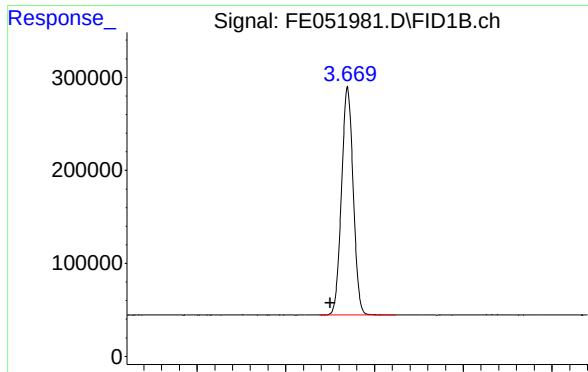
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012125AL\
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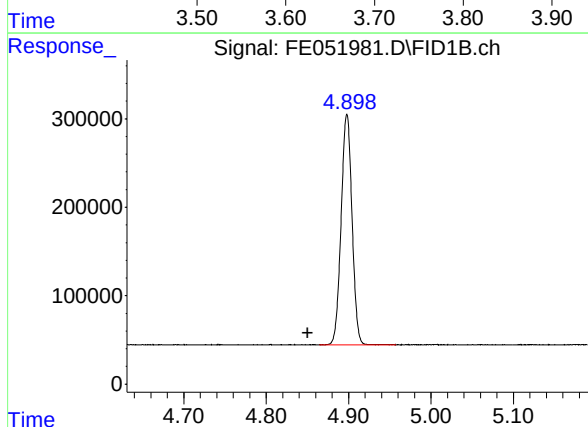




#1 n-Nonane (C9)

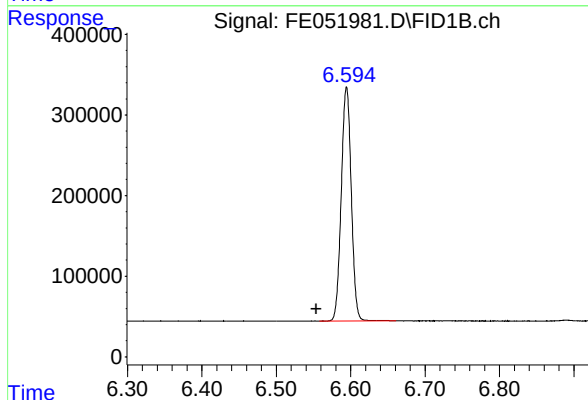
R.T.: 3.670 min
Delta R.T.: 0.020 min
Response: 2241111
Conc: 21.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



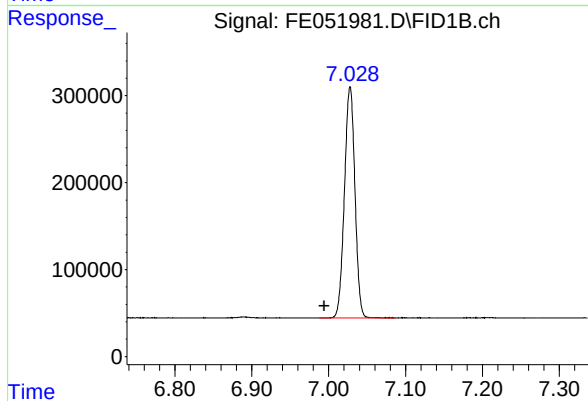
#2 n-Decane (C10)

R.T.: 4.898 min
Delta R.T.: 0.048 min
Response: 2390311
Conc: 21.83 ug/ml



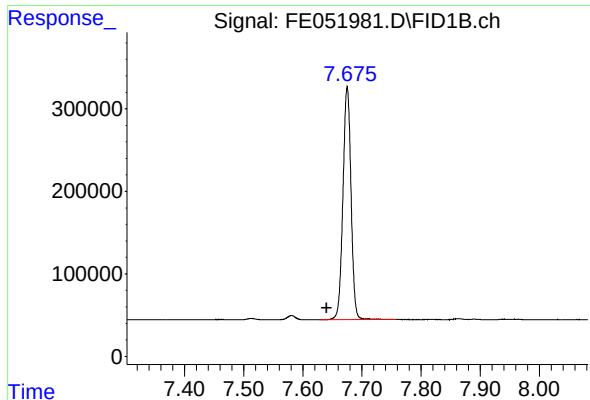
#3 A~Naphthalene (C11.7)

R.T.: 6.594 min
Delta R.T.: 0.041 min
Response: 2712107
Conc: 22.32 ug/ml



#4 n-Dodecane (C12)

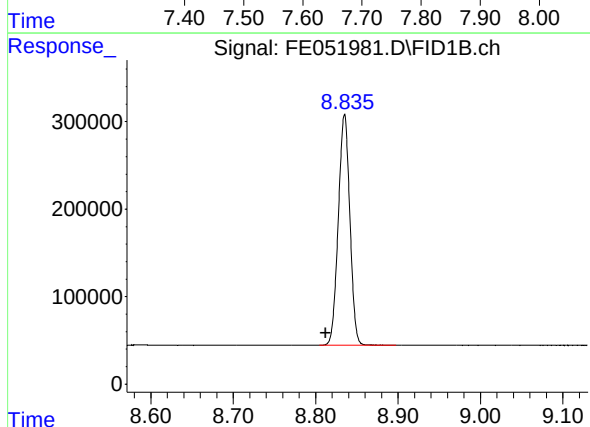
R.T.: 7.028 min
Delta R.T.: 0.034 min
Response: 2509912
Conc: 22.24 ug/ml



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

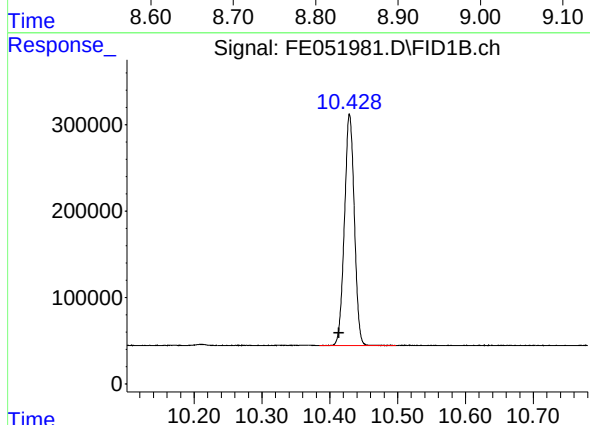
R.T.: 7.675 min
Delta R.T.: 0.035 min
Response: 2683523
Conc: 22.48 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



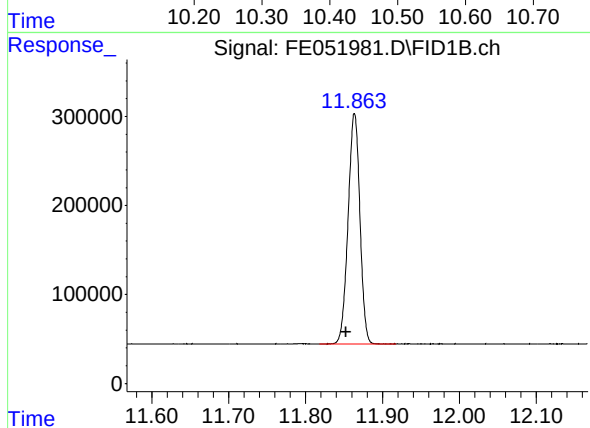
#6 n-Tetradecane (C14)

R.T.: 8.835 min
Delta R.T.: 0.023 min
Response: 2566520
Conc: 22.07 ug/ml



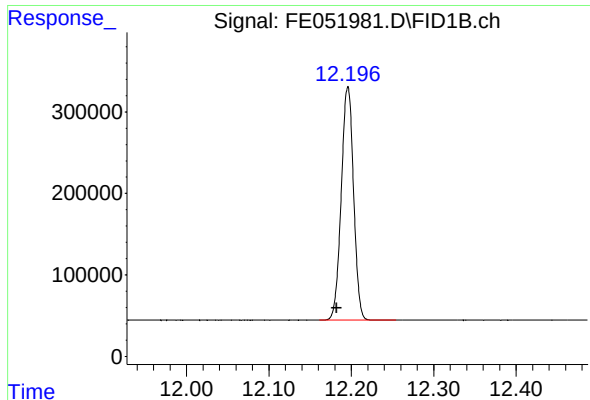
#7 n-Hexadecane (C16)

R.T.: 10.429 min
Delta R.T.: 0.016 min
Response: 2710739
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

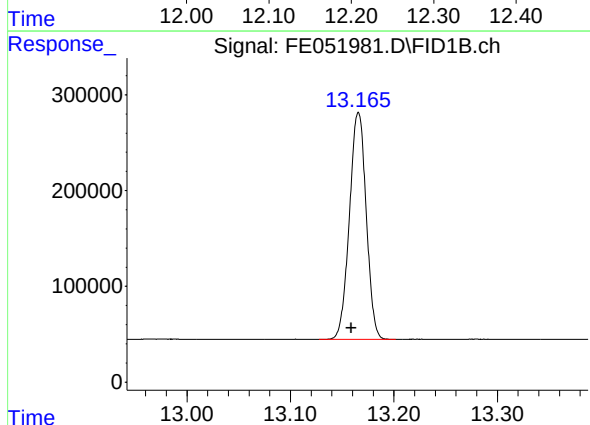
R.T.: 11.864 min
Delta R.T.: 0.011 min
Response: 2759665
Conc: 20.86 ug/ml



#9 ortho-Terphenyl (SURR)

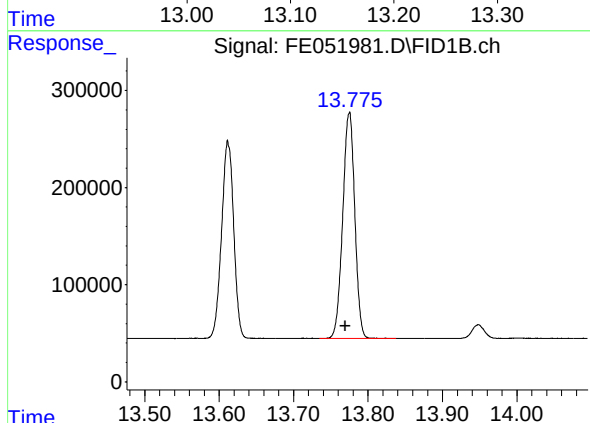
R.T.: 12.196 min
Delta R.T.: 0.013 min
Response: 2962451
Conc: 20.73 ug/ml

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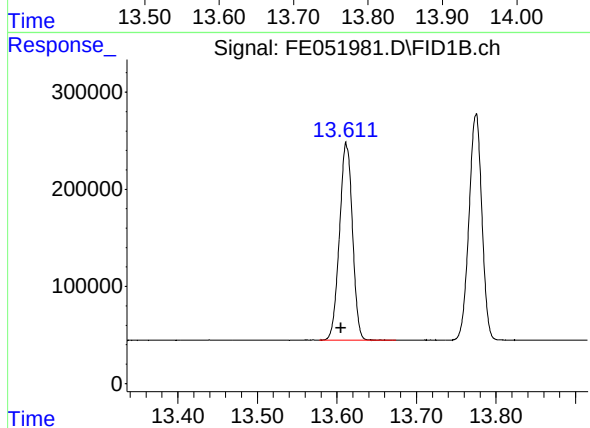
#10 n-Eicosane (C20)

R.T.: 13.166 min
Delta R.T.: 0.007 min
Response: 2672007
Conc: 20.38 ug/ml



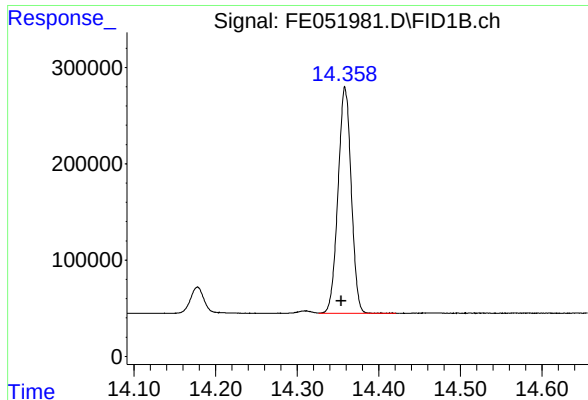
#11 n-Heneicosane (C21)

R.T.: 13.775 min
Delta R.T.: 0.005 min
Response: 2620539
Conc: 20.13 ug/ml



#12 1-chlorooctadecane (SURR)

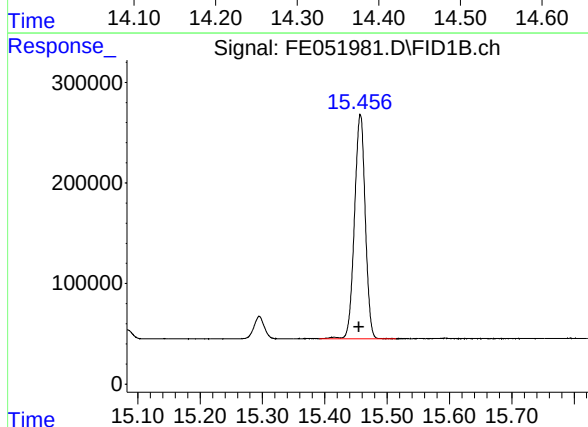
R.T.: 13.612 min
Delta R.T.: 0.007 min
Response: 2300345
Conc: 20.05 ug/ml



#13 n-Docosane (C22)

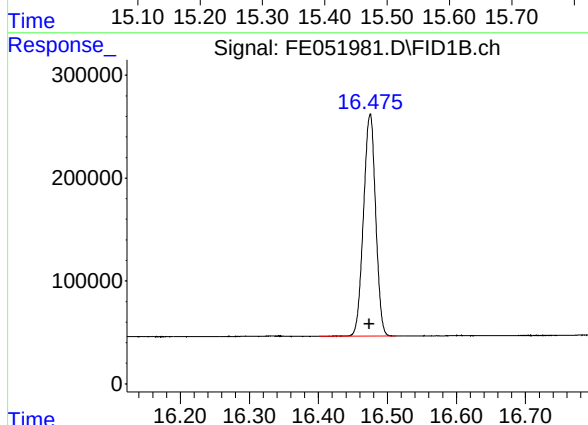
R.T.: 14.359 min
Delta R.T.: 0.004 min
Response: 2634186
Conc: 20.07 ug/ml

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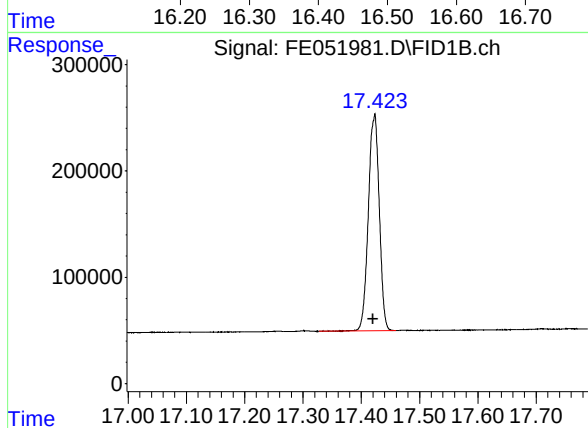
#14 n-Tetracosane (C24)

R.T.: 15.457 min
Delta R.T.: 0.002 min
Response: 2675333
Conc: 20.14 ug/ml



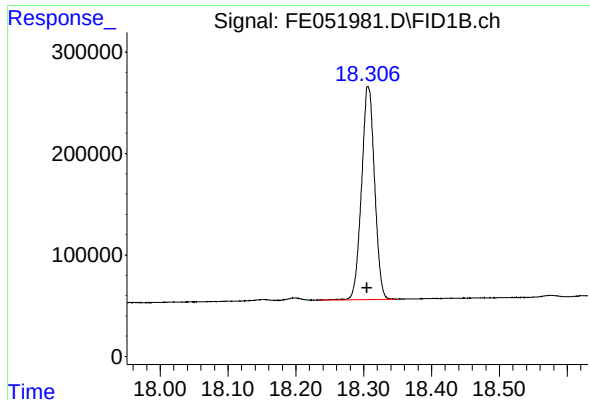
#15 n-Hexacosane (C26)

R.T.: 16.475 min
Delta R.T.: 0.000 min
Response: 2641773
Conc: 19.99 ug/ml



#16 n-Octacosane (C28)

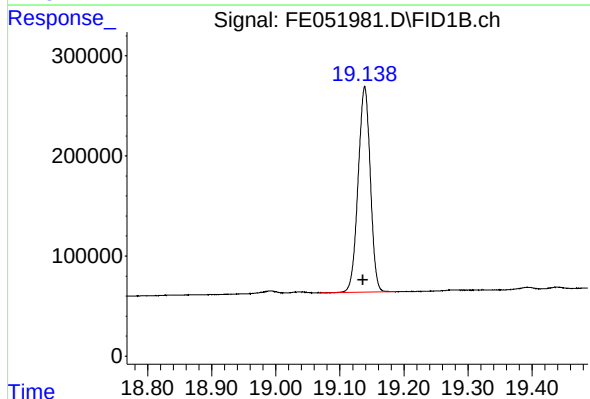
R.T.: 17.422 min
Delta R.T.: 0.002 min
Response: 2653099
Conc: 20.10 ug/ml



#17 n-Tricontane (C30)

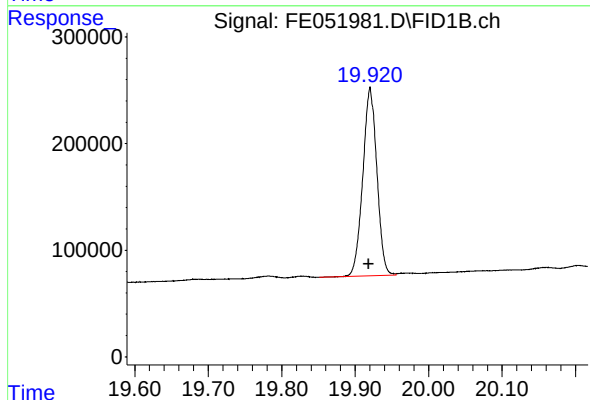
R.T.: 18.307 min
Delta R.T.: 0.002 min
Response: 2801409
Conc: 20.55 ug/ml

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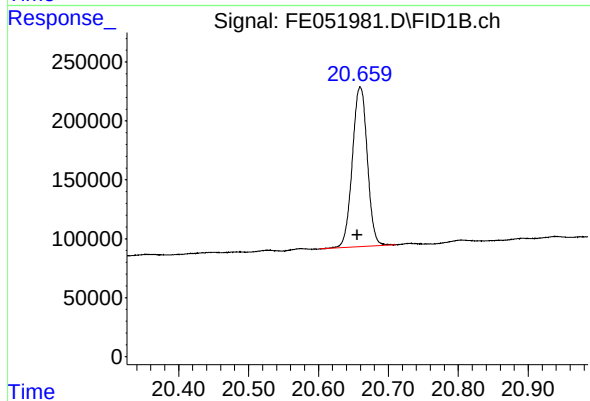
#18 n-Dotriacontane (C32)

R.T.: 19.139 min
Delta R.T.: 0.003 min
Response: 2715823
Conc: 20.72 ug/ml



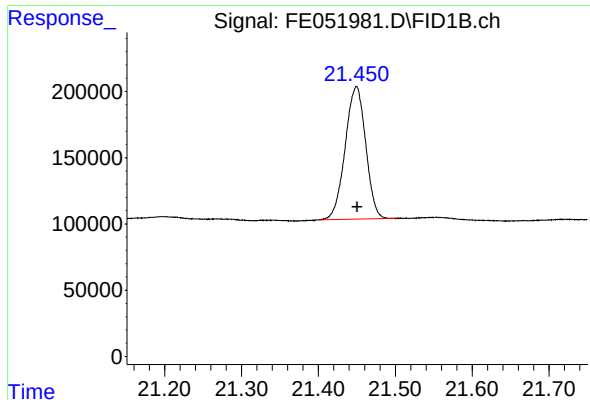
#19 n-Tetatriacontane (C34)

R.T.: 19.921 min
Delta R.T.: 0.002 min
Response: 2345428
Conc: 20.83 ug/ml



#20 n-Hexatriacontane (C36)

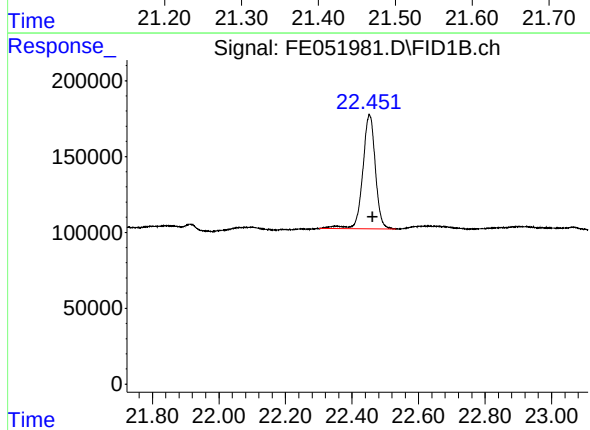
R.T.: 20.660 min
Delta R.T.: 0.004 min
Response: 2021030
Conc: 21.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.449 min
Delta R.T.: 0.000 min
Response: 1853216
Conc: 21.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.453 min
Delta R.T.: -0.010 min
Response: 1979670
Conc: 24.02 ug/ml