

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080825AL\
 Data File : FE055221.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2025 20:50
 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: Aug 11 03:22:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.083	2494556	17.468 ug/ml
Spiked Amount 50.000		Recovery =	34.94%
12) S 1-chlorooctadecane (S...	13.519	1899476	17.666 ug/ml
Spiked Amount 50.000		Recovery =	35.33%
Target Compounds			
1) T n-Nonane (C9)	3.420	1912238	16.662 ug/ml
2) T n-Decane (C10)	4.678	1997156	17.144 ug/ml
3) T A~Naphthalene (C11.7)	6.398	2297741	17.118 ug/ml
4) T n-Dodecane (C12)	6.854	2053936	17.248 ug/ml
5) T A~2-methylnaphthalene...	7.499	2252091	17.273 ug/ml
6) T n-Tetradecane (C14)	8.691	2114710	17.247 ug/ml
7) T n-Hexadecane (C16)	10.306	2233341	17.469 ug/ml
8) T n-Octadecane (C18)	11.756	2300402	17.631 ug/ml
10) T n-Eicosane (C20)	13.071	2230172	17.774 ug/ml
11) T n-Heneicosane (C21)	13.684	2172471	17.624 ug/ml
13) T n-Docosane (C22)	14.273	2210508	18.101 ug/ml
14) T n-Tetracosane (C24)	15.380	2308009	18.975 ug/ml
15) T n-Hexacosane (C26)	16.403	2360625	19.730 ug/ml
16) T n-Octacosane (C28)	17.356	2405428	20.278 ug/ml
17) T n-Tricontane (C30)	18.246	2606550	21.183 ug/ml
18) T n-Dotriacontane (C32)	19.080	2662829	21.824 ug/ml
19) T n-Tetratriacontane (C34)	19.865	2399420	20.522 ug/ml
20) T n-Hexatriacontane (C36)	20.607	2174536	19.895 ug/ml
21) T n-Octatriacontane (C38)	21.387	2028953	18.774 ug/ml
22) T n-Tetracontane (C40)	22.378	1884032	18.016 ug/ml

(f)=RT Delta > 1/2 Window

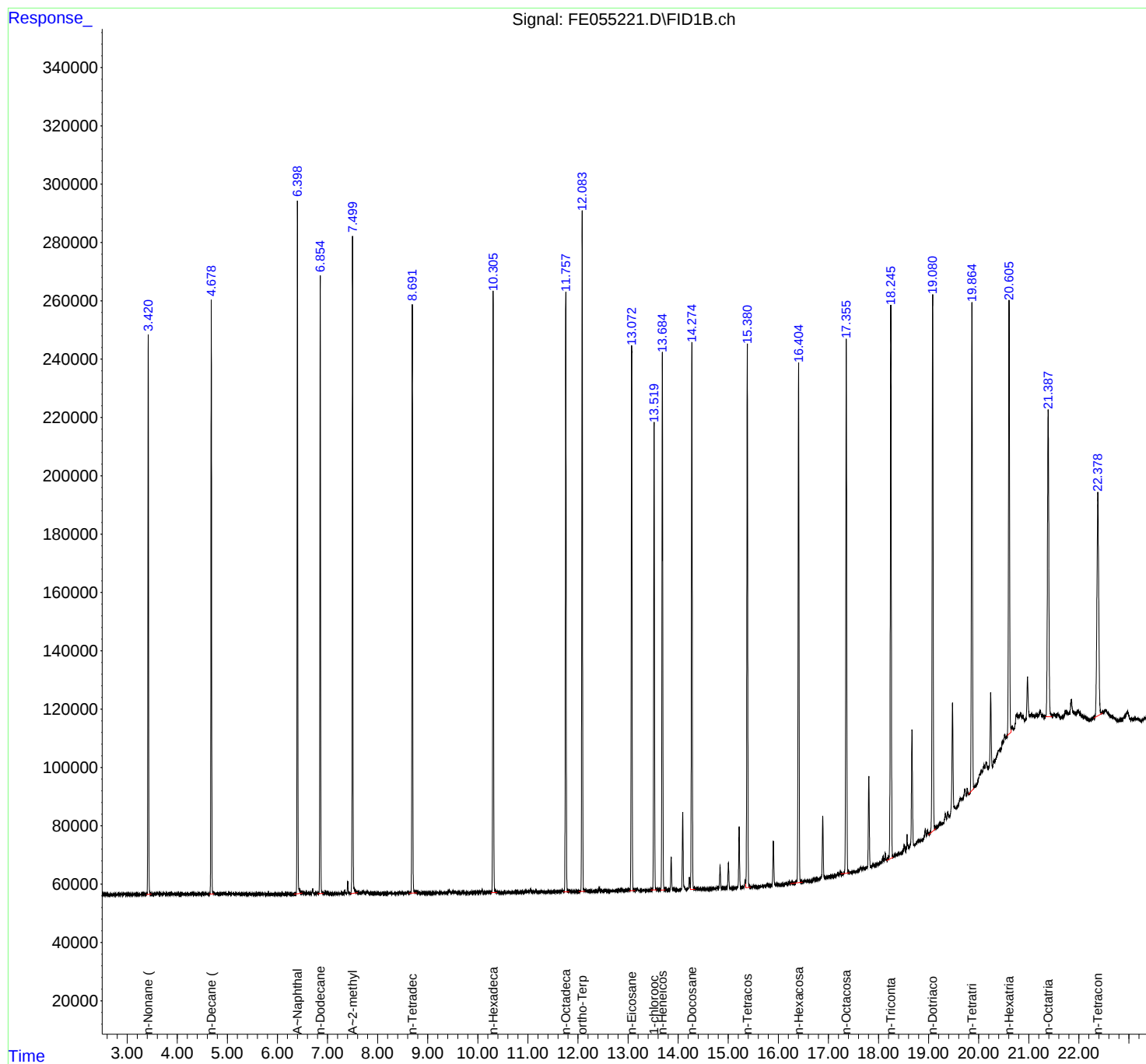
(m)=manual int.

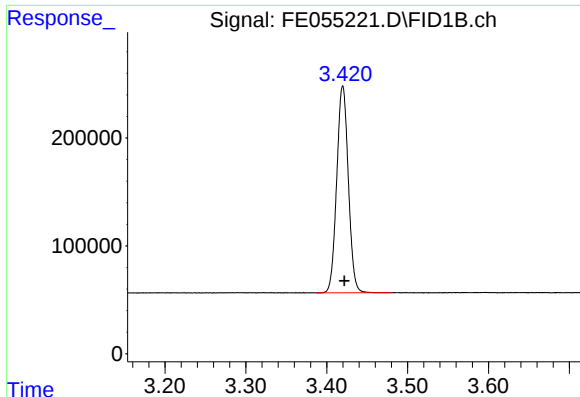
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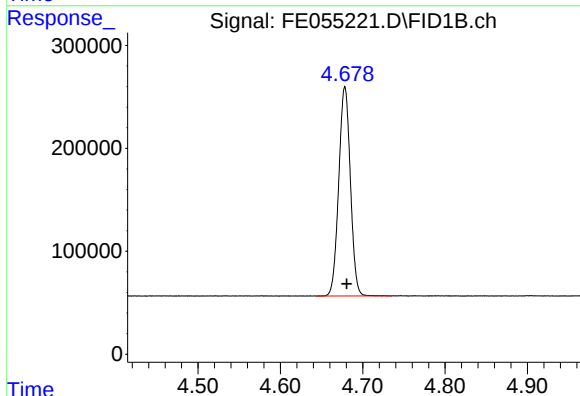




#1 n-Nonane (C9)

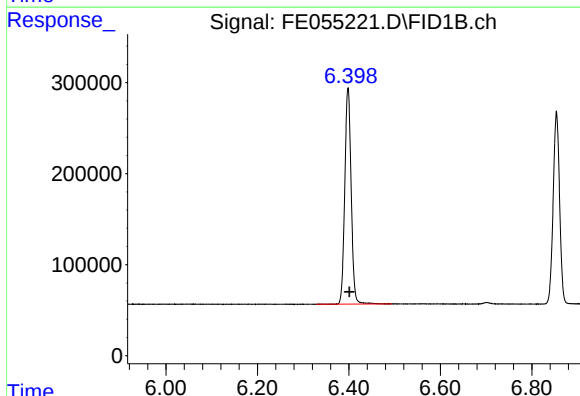
R.T.: 3.420 min
Delta R.T.: -0.002 min
Response: 1912238
Conc: 16.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



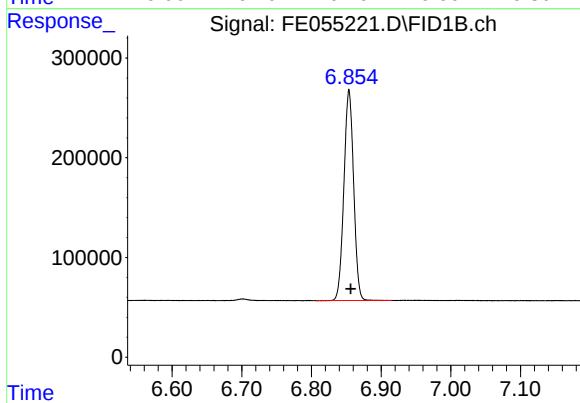
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 1997156
Conc: 17.14 ug/ml



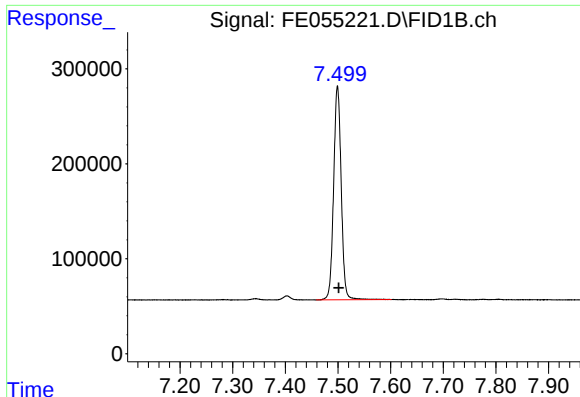
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 2297741
Conc: 17.12 ug/ml



#4 n-Dodecane (C12)

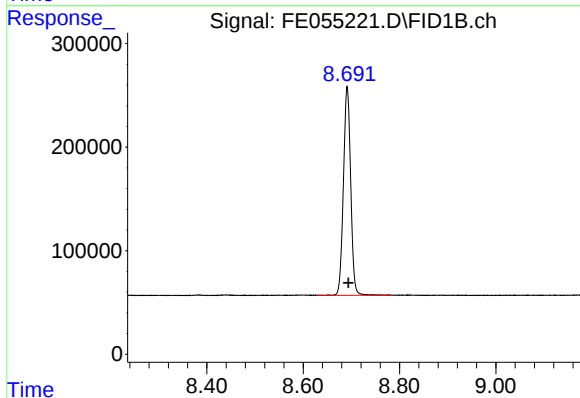
R.T.: 6.854 min
Delta R.T.: -0.002 min
Response: 2053936
Conc: 17.25 ug/ml



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

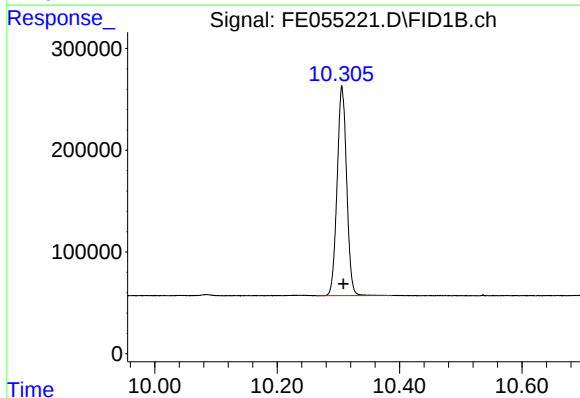
R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 2252091
Conc: 17.27 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



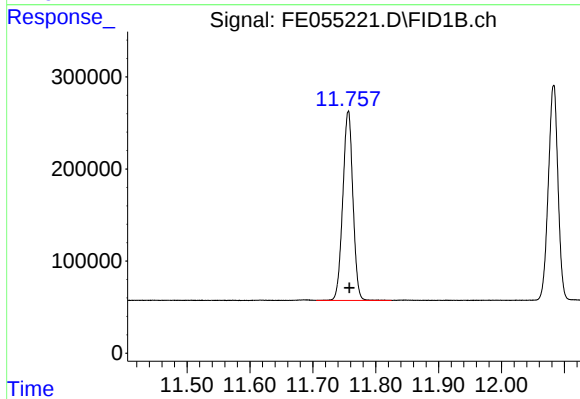
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 2114710
Conc: 17.25 ug/ml



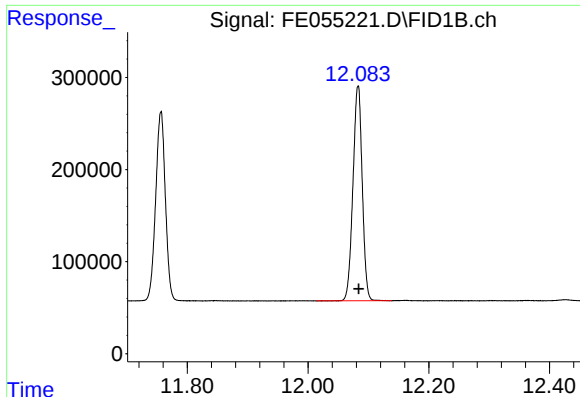
#7 n-Hexadecane (C16)

R.T.: 10.306 min
Delta R.T.: -0.002 min
Response: 2233341
Conc: 17.47 ug/ml



#8 n-Octadecane (C18)

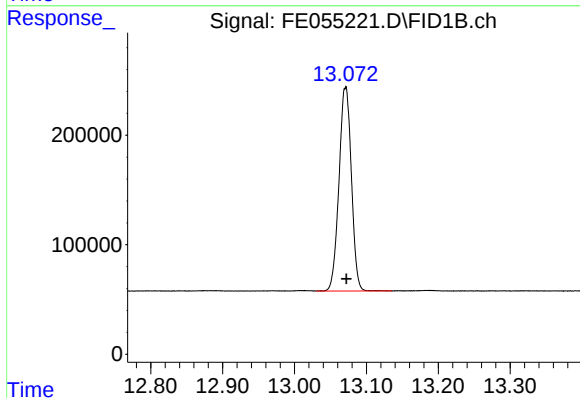
R.T.: 11.756 min
Delta R.T.: -0.002 min
Response: 2300402
Conc: 17.63 ug/ml



#9 ortho-Terphenyl (SURR)

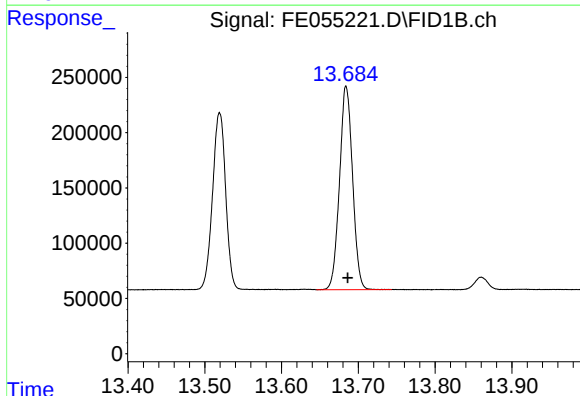
R.T.: 12.083 min
Delta R.T.: -0.001 min
Response: 2494556
Conc: 17.47 ug/ml

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20 PPM ALIPHATIC HC STD



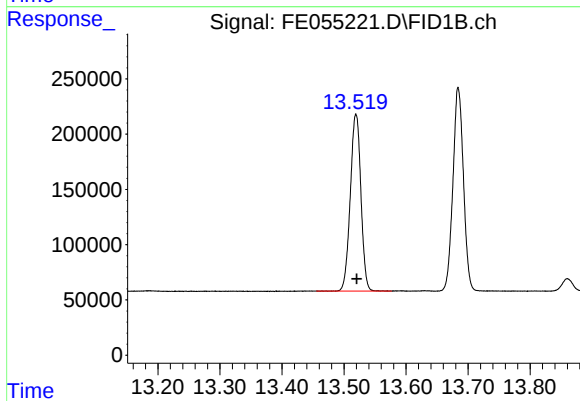
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: -0.001 min
Response: 2230172
Conc: 17.77 ug/ml



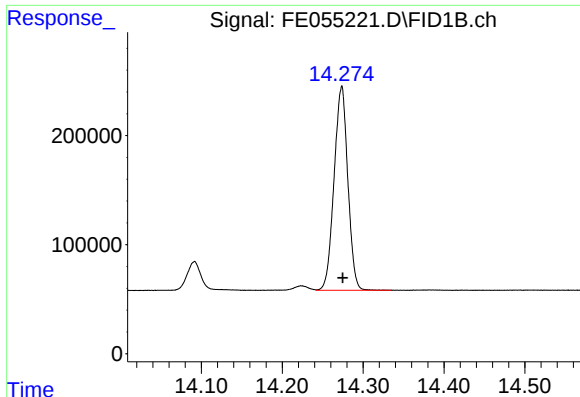
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.002 min
Response: 2172471
Conc: 17.62 ug/ml



#12 1-chlorooctadecane (SURR)

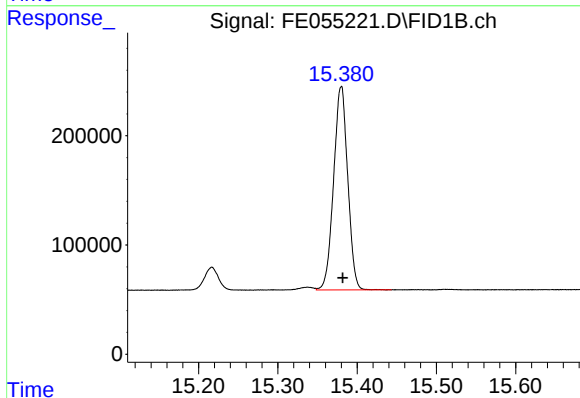
R.T.: 13.519 min
Delta R.T.: -0.001 min
Response: 1899476
Conc: 17.67 ug/ml



#13 n-Docosane (C22)

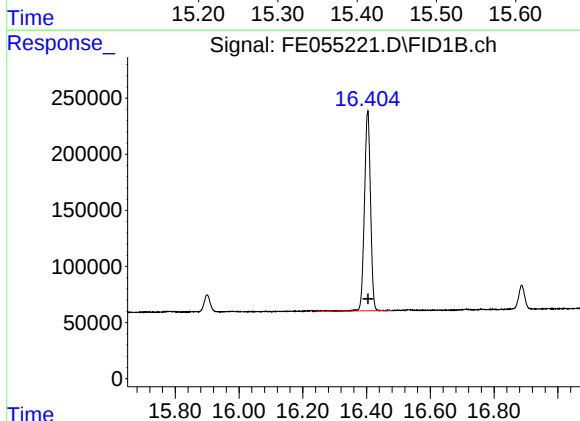
R.T.: 14.273 min
Delta R.T.: -0.002 min
Response: 2210508
Conc: 18.10 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



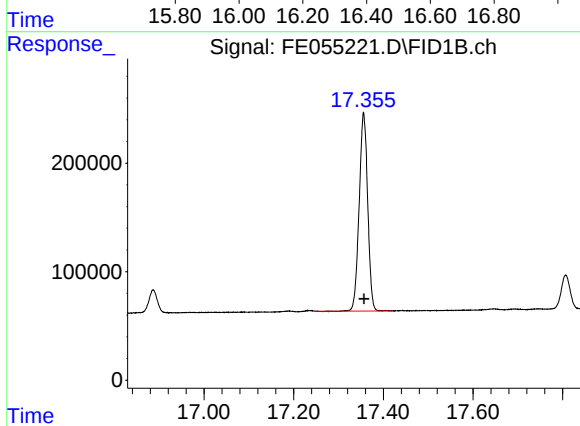
#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: -0.002 min
Response: 2308009
Conc: 18.98 ug/ml



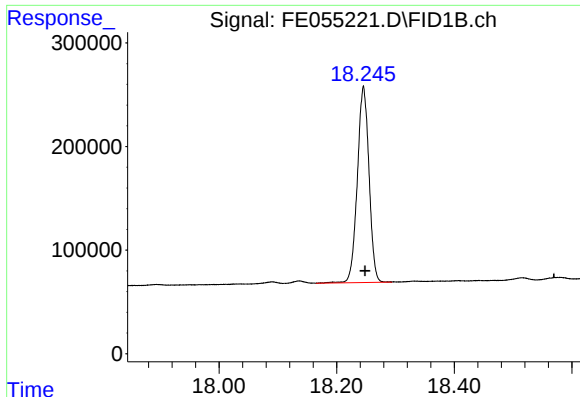
#15 n-Hexacosane (C26)

R.T.: 16.403 min
Delta R.T.: -0.002 min
Response: 2360625
Conc: 19.73 ug/ml



#16 n-Octacosane (C28)

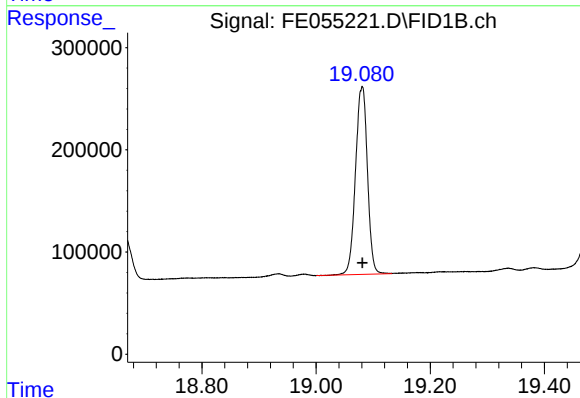
R.T.: 17.356 min
Delta R.T.: 0.000 min
Response: 2405428
Conc: 20.28 ug/ml



#17 n-Tricontane (C30)

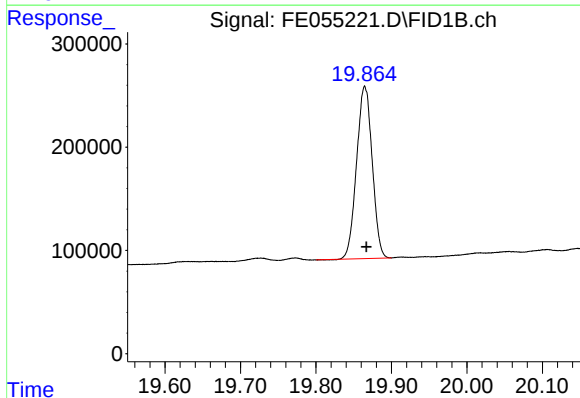
R.T.: 18.246 min
Delta R.T.: -0.002 min
Response: 2606550
Conc: 21.18 ug/ml

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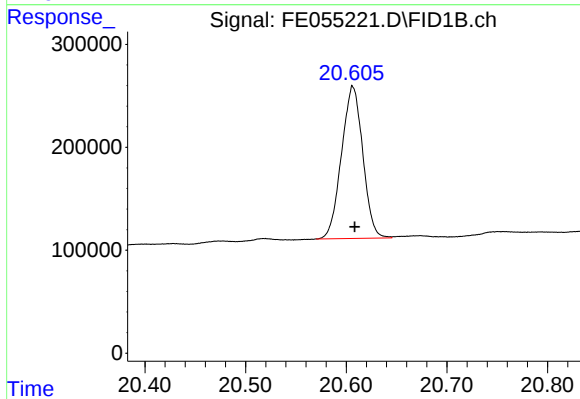
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: -0.001 min
Response: 2662829
Conc: 21.82 ug/ml



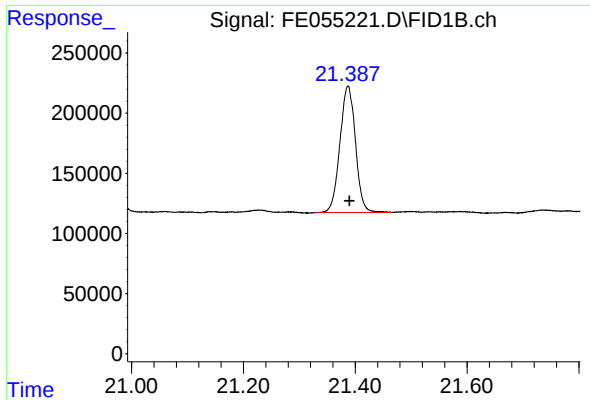
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.002 min
Response: 2399420
Conc: 20.52 ug/ml



#20 n-Hexatriacontane (C36)

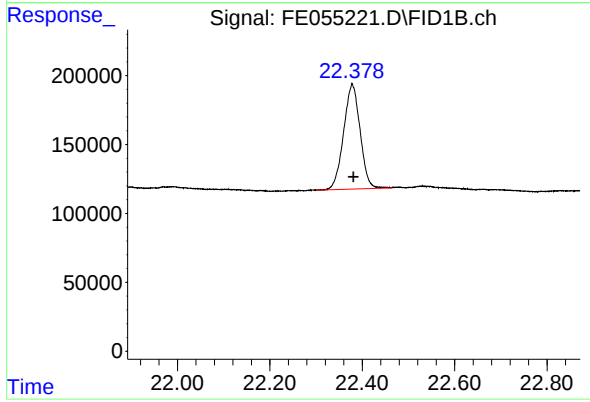
R.T.: 20.607 min
Delta R.T.: -0.002 min
Response: 2174536
Conc: 19.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.387 min
Delta R.T.: -0.003 min
Response: 2028953
Conc: 18.77 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.378 min
Delta R.T.: -0.002 min
Response: 1884032
Conc: 18.02 ug/ml