

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091025AL\
 Data File : FE055742.D
 Signal(s) : FID1B.ch
 Acq On : 10 Sep 2025 10:50
 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: sample.E
 Quant Time: Sep 11 00:25:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:12:09 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)	12.076	2769722	16.859 ug/ml
Spiked Amount 50.000		Recovery =	33.72%
12) S 1-chlorooctadecane (S...	13.513	2072963	16.578 ug/ml
Spiked Amount 50.000		Recovery =	33.16%
Target Compounds			
1) T n-Nonane (C9)	3.414	2097823	16.531 ug/ml
2) T n-Decane (C10)	4.672	2222313	17.349 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2456171	16.905 ug/ml
4) T n-Dodecane (C12)	6.847	2264850	17.394 ug/ml
5) T A~2-methylnaphthalene...	7.492	2374160	16.880 ug/ml
6) T n-Tetradecane (C14)	8.684	2286385	17.361 ug/ml
7) T n-Hexadecane (C16)	10.300	2404595	17.362 ug/ml
8) T n-Octadecane (C18)	11.749	2494276	17.100 ug/ml
10) T n-Eicosane (C20)	13.064	2433582	16.906 ug/ml
11) T n-Heneicosane (C21)	13.679	2404200	16.831 ug/ml
13) T n-Docosane (C22)	14.267	2404462	16.797 ug/ml
14) T n-Tetracosane (C24)	15.374	2450093	16.932 ug/ml
15) T n-Hexacosane (C26)	16.399	2424517	16.971 ug/ml
16) T n-Octacosane (C28)	17.350	2476495	17.411 ug/ml
17) T n-Tricontane (C30)	18.240	2709290	18.328 ug/ml
18) T n-Dotriacontane (C32)	19.074	2806407	19.120 ug/ml
19) T n-Tetratriacontane (C34)	19.860	2637803	18.670 ug/ml
20) T n-Hexatriacontane (C36)	20.601	2387820	18.095 ug/ml
21) T n-Octatriacontane (C38)	21.378	2236197	17.170 ug/ml
22) T n-Tetracontane (C40)	22.363	2021688	15.765 ug/ml

(f)=RT Delta > 1/2 Window

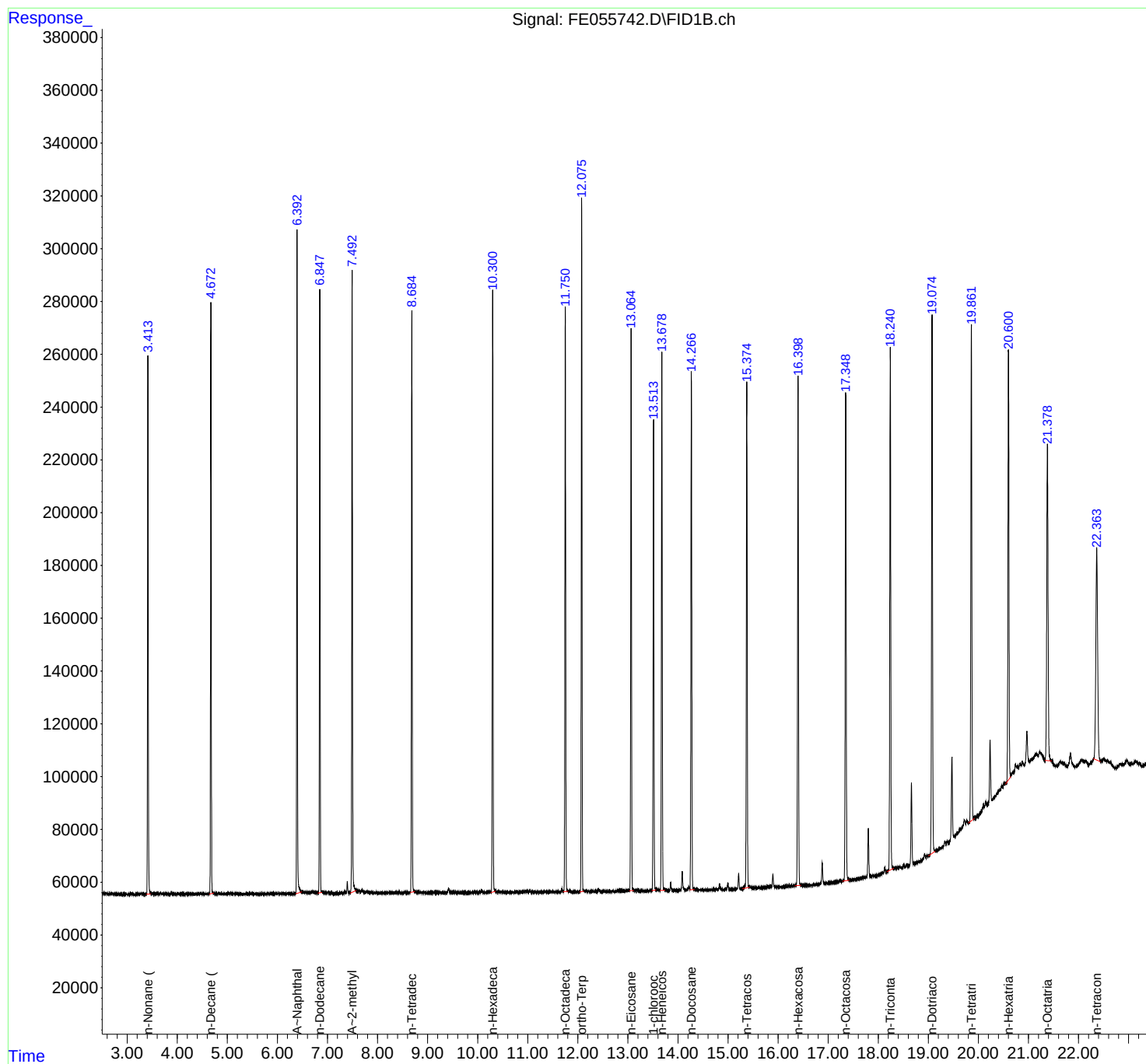
(m)=manual int.

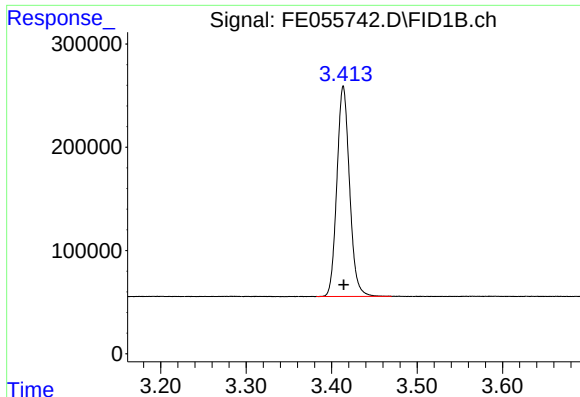
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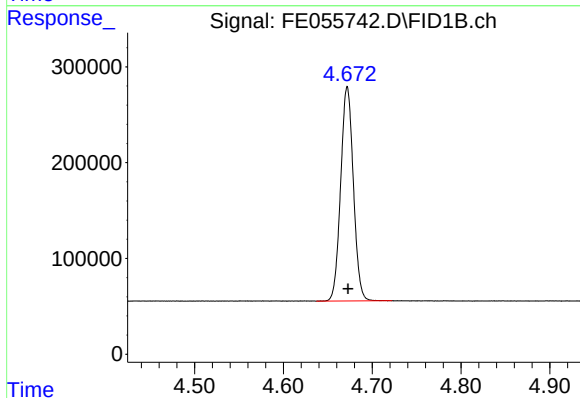




#1 n-Nonane (C9)

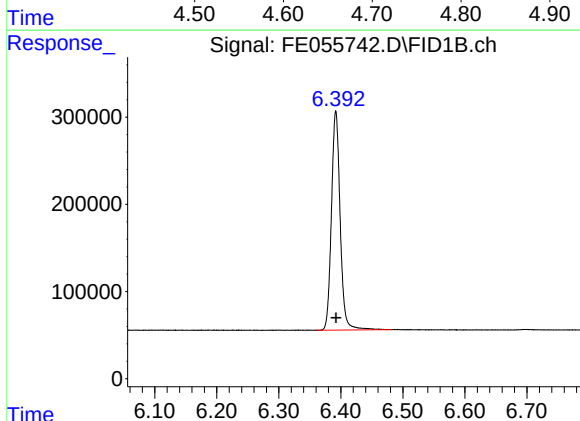
R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 2097823
Conc: 16.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



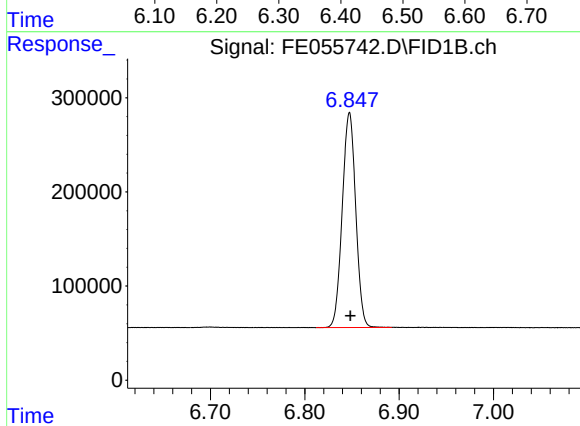
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 2222313
Conc: 17.35 ug/ml



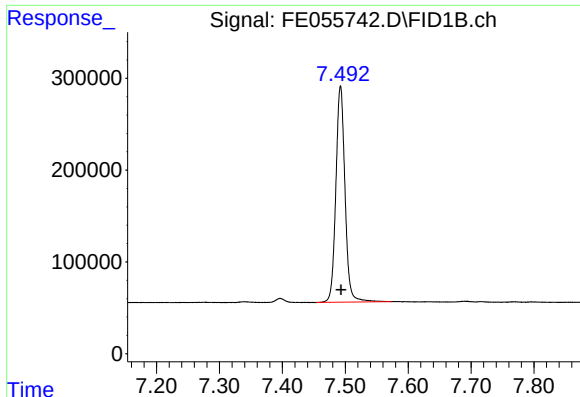
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2456171
Conc: 16.91 ug/ml



#4 n-Dodecane (C12)

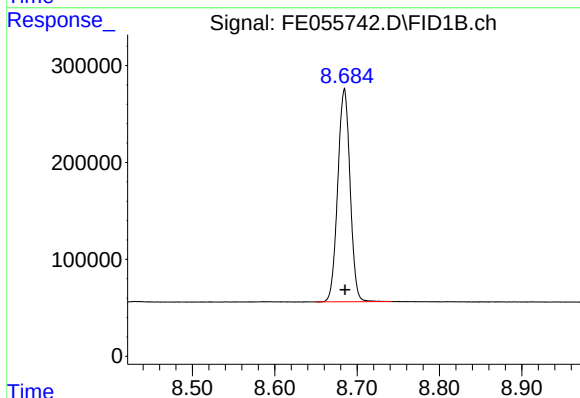
R.T.: 6.847 min
Delta R.T.: -0.001 min
Response: 2264850
Conc: 17.39 ug/ml



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

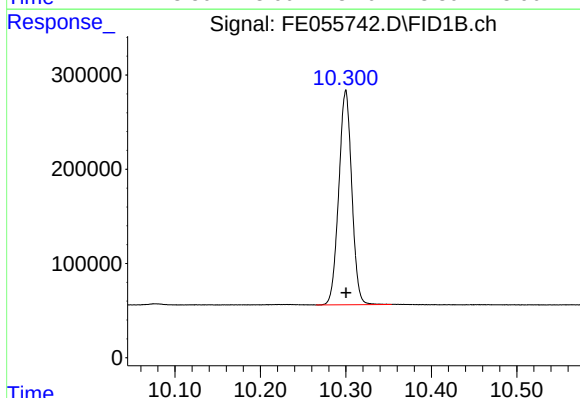
R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 2374160
Conc: 16.88 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



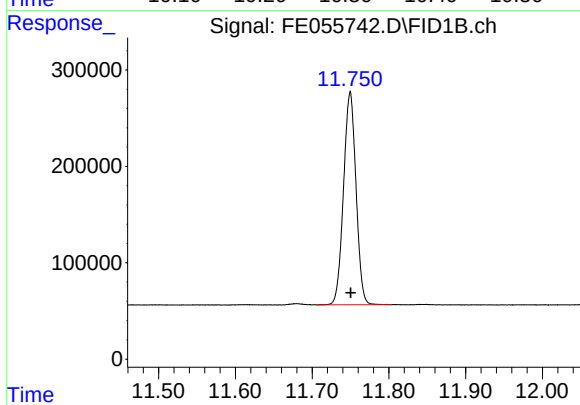
#6 n-Tetradecane (C14)

R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 2286385
Conc: 17.36 ug/ml



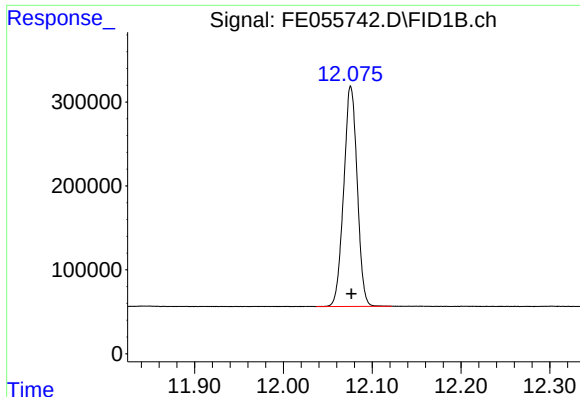
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 2404595
Conc: 17.36 ug/ml



#8 n-Octadecane (C18)

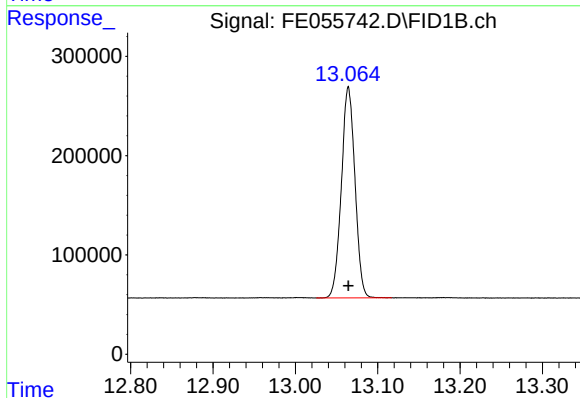
R.T.: 11.749 min
Delta R.T.: 0.000 min
Response: 2494276
Conc: 17.10 ug/ml



#9 ortho-Terphenyl (SURR)

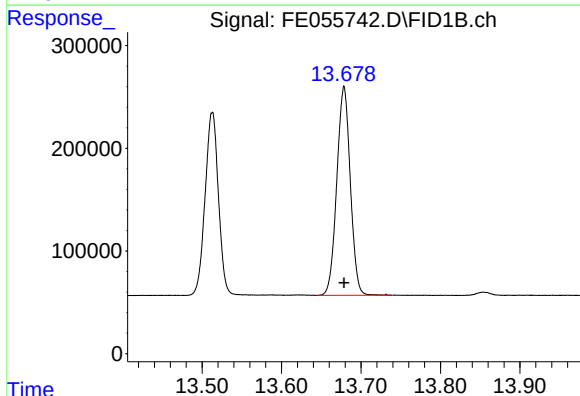
R.T.: 12.076 min
Delta R.T.: 0.000 min
Response: 2769722
Conc: 16.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



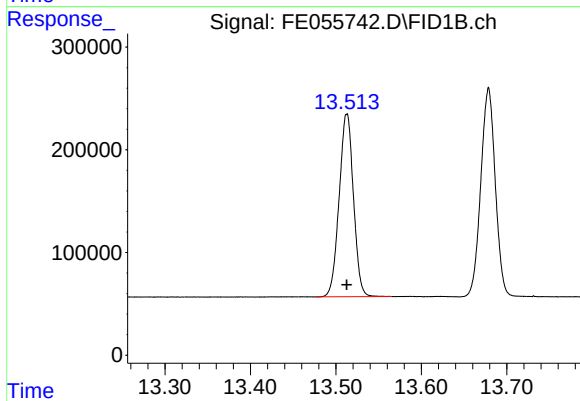
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 2433582
Conc: 16.91 ug/ml



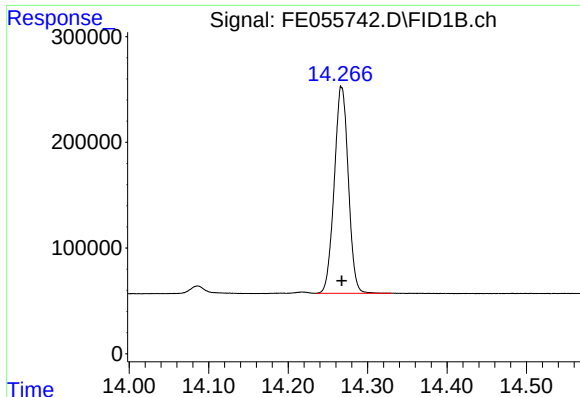
#11 n-Heneicosane (C21)

R.T.: 13.679 min
Delta R.T.: 0.000 min
Response: 2404200
Conc: 16.83 ug/ml



#12 1-chlorooctadecane (SURR)

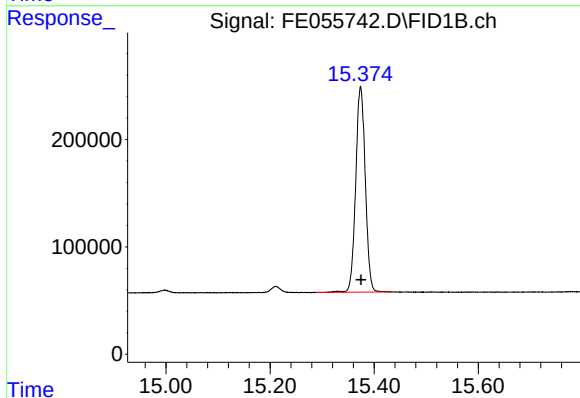
R.T.: 13.513 min
Delta R.T.: 0.000 min
Response: 2072963
Conc: 16.58 ug/ml



#13 n-Docosane (C22)

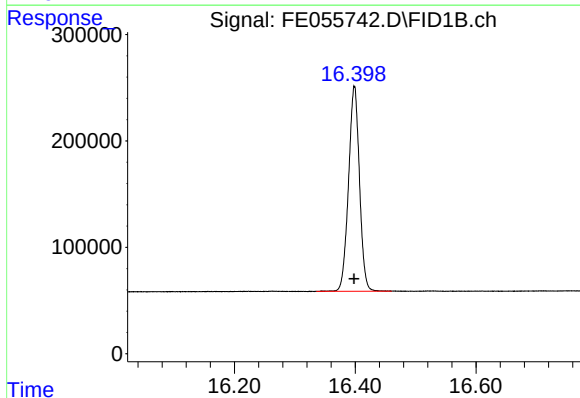
R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 2404462
Conc: 16.80 ug/ml

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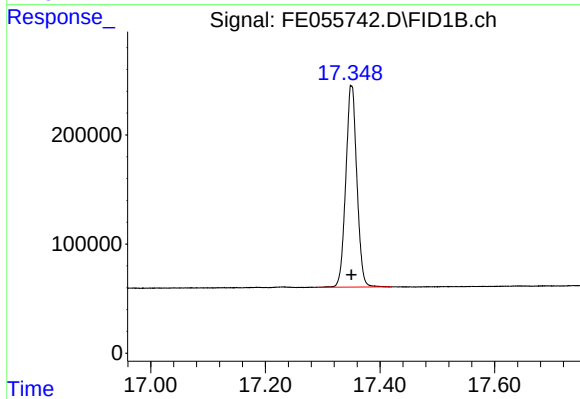
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: 0.000 min
Response: 2450093
Conc: 16.93 ug/ml



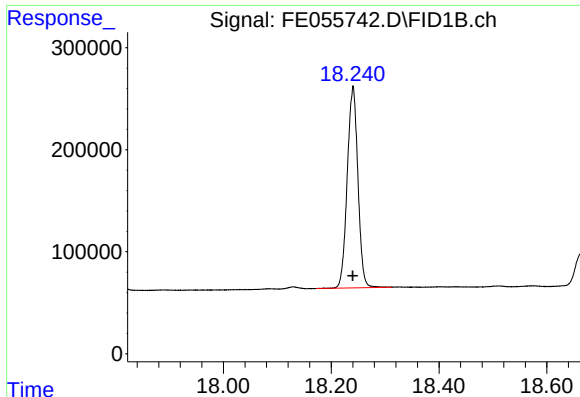
#15 n-Hexacosane (C26)

R.T.: 16.399 min
Delta R.T.: 0.000 min
Response: 2424517
Conc: 16.97 ug/ml



#16 n-Octacosane (C28)

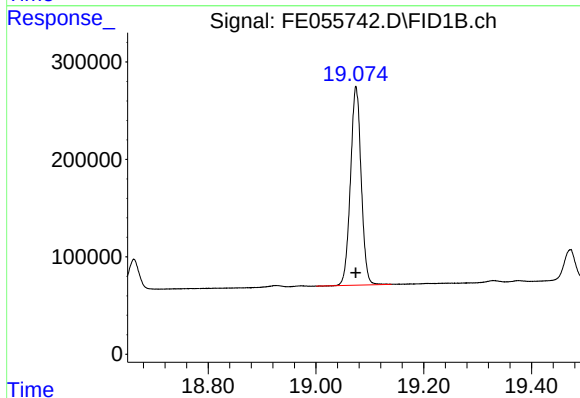
R.T.: 17.350 min
Delta R.T.: 0.000 min
Response: 2476495
Conc: 17.41 ug/ml



#17 n-Tricontane (C30)

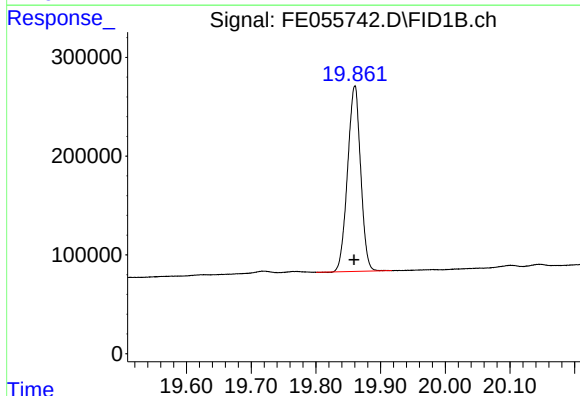
R.T.: 18.240 min
Delta R.T.: 0.000 min
Response: 2709290
Conc: 18.33 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



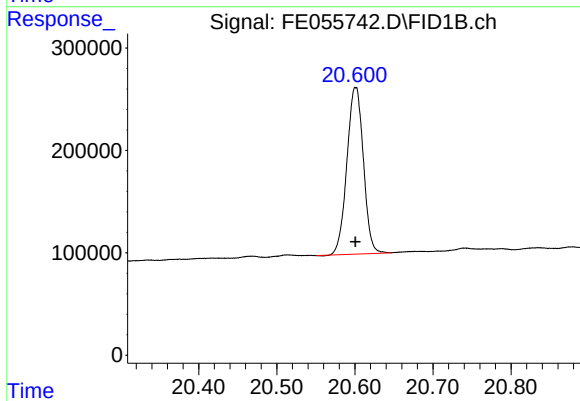
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 2806407
Conc: 19.12 ug/ml



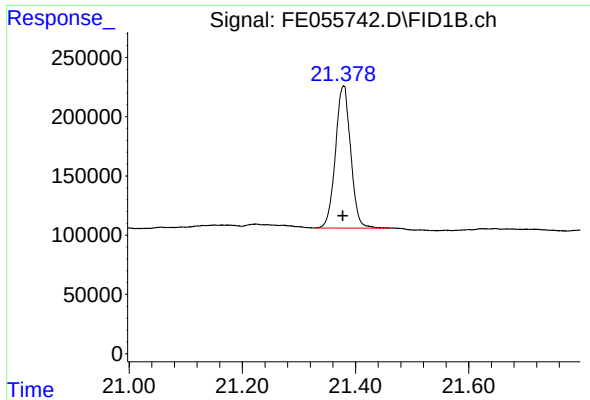
#19 n-Tetratriacontane (C34)

R.T.: 19.860 min
Delta R.T.: 0.000 min
Response: 2637803
Conc: 18.67 ug/ml



#20 n-Hexatriacontane (C36)

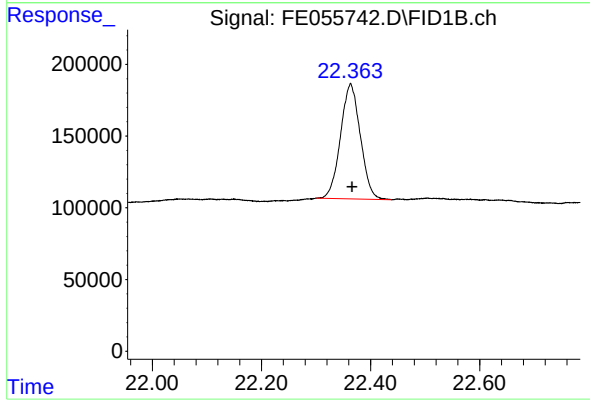
R.T.: 20.601 min
Delta R.T.: 0.000 min
Response: 2387820
Conc: 18.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: 0.001 min
Response: 2236197
Conc: 17.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.363 min
Delta R.T.: -0.003 min
Response: 2021688
Conc: 15.76 ug/ml