

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101825AL\
 Data File : FE056361.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2025 12:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 20 11:47:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:31:49 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)	12.051	4074844	19.946 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
12) S 1-chlorooctadecane (S...	13.488	2962902	19.419 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
Target Compounds			
1) T n-Nonane (C9)	3.399	3183072	19.528 ug/ml
2) T n-Decane (C10)	4.651	3276797	19.926 ug/ml
3) T A~Naphthalene (C11.7)	6.368	3530552	19.972 ug/ml
4) T n-Dodecane (C12)	6.825	3364510	20.053 ug/ml
5) T A~2-methylnaphthalene...	7.469	3369582	20.223 ug/ml
6) T n-Tetradecane (C14)	8.661	3340396	20.107 ug/ml
7) T n-Hexadecane (C16)	10.276	3507833	20.050 ug/ml
8) T n-Octadecane (C18)	11.725	3620604	19.848 ug/ml
10) T n-Eicosane (C20)	13.040	3523280	19.788 ug/ml
11) T n-Heneicosane (C21)	13.654	3474715	19.805 ug/ml
13) T n-Docosane (C22)	14.242	3466056	19.581 ug/ml
14) T n-Tetracosane (C24)	15.348	3469118	19.068 ug/ml
15) T n-Hexacosane (C26)	16.373	3405411	18.971 ug/ml
16) T n-Octacosane (C28)	17.325	3337365	18.760 ug/ml
17) T n-Tricontane (C30)	18.214	3363985	18.528 ug/ml
18) T n-Dotriacontane (C32)	19.049	3186595	18.075 ug/ml
19) T n-Tetratriacontane (C34)	19.834	2773682	17.918 ug/ml
20) T n-Hexatriacontane (C36)	20.574	2260457	18.093 ug/ml
21) T n-Octatriacontane (C38)	21.345	1867472	17.874 ug/ml
22) T n-Tetracontane (C40)	22.324	1553596	17.121 ug/ml

(f)=RT Delta > 1/2 Window

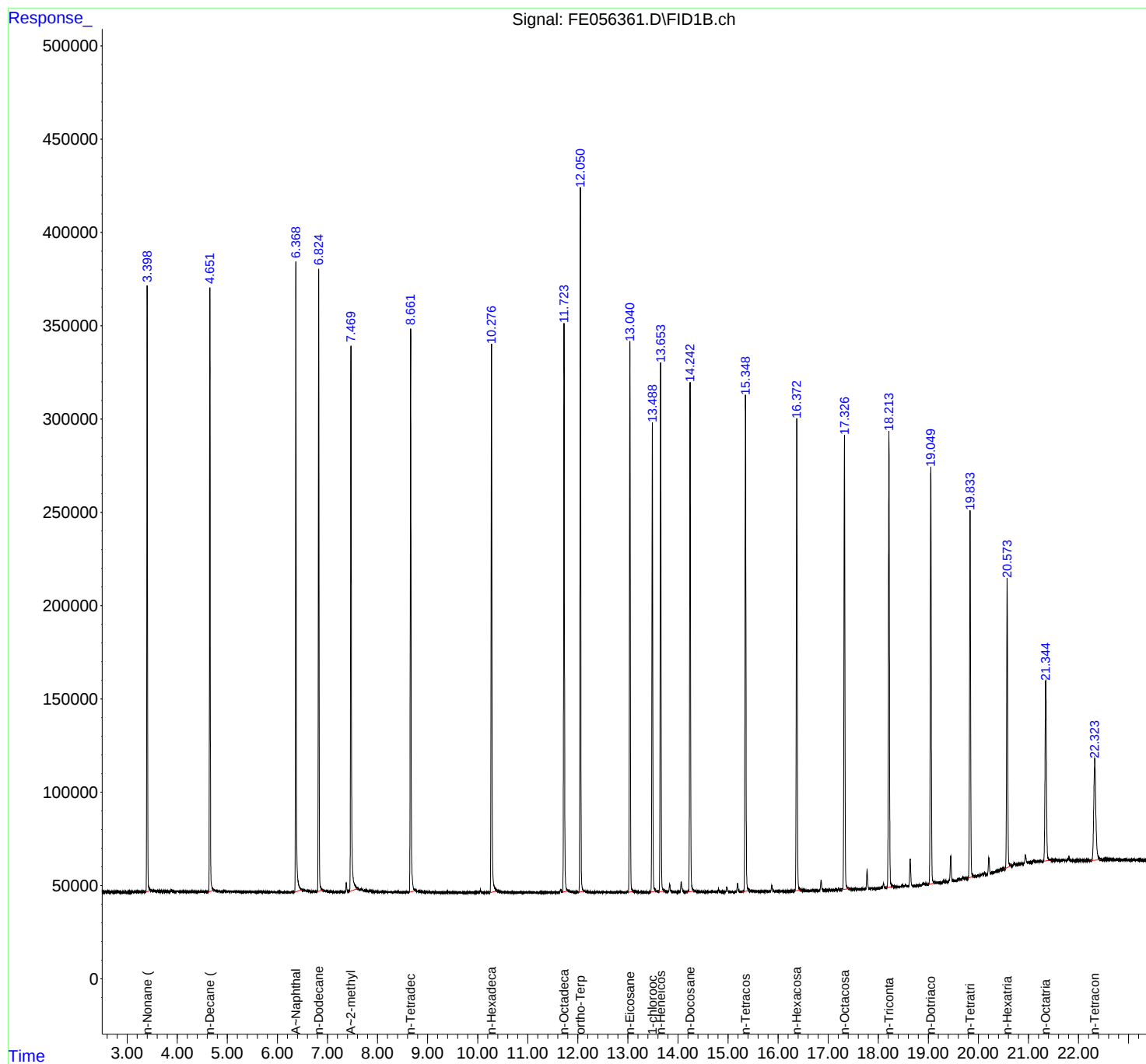
(m)=manual int.

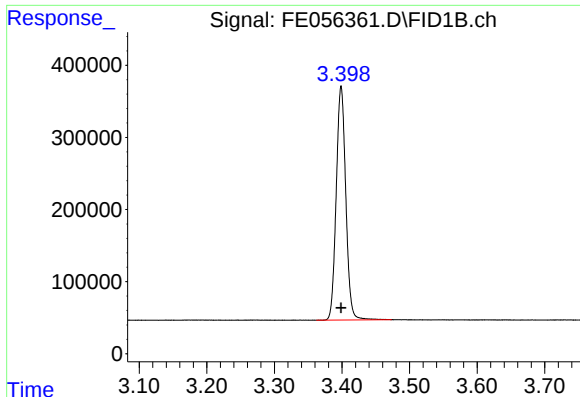
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101825AL\
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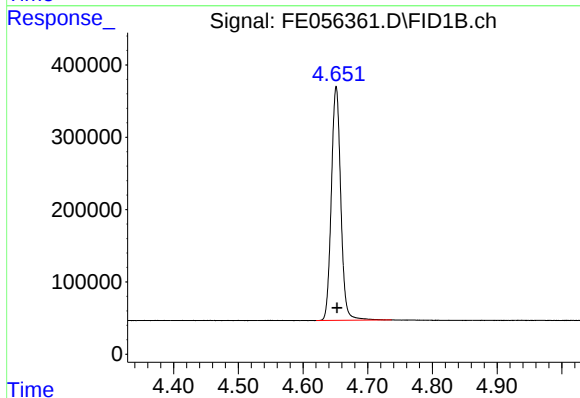




#1 n-Nonane (C9)

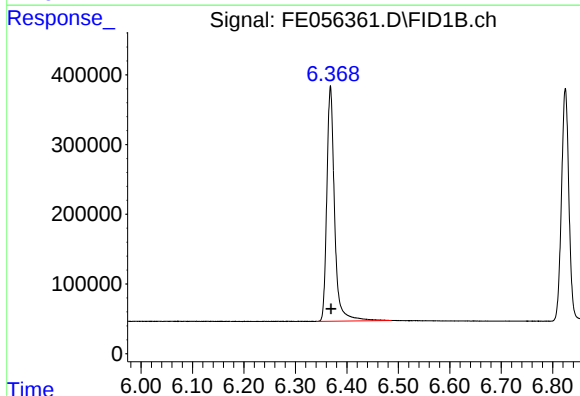
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 3183072
Conc: 19.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



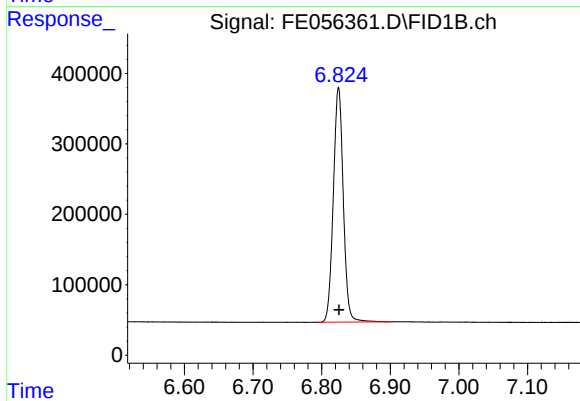
#2 n-Decane (C10)

R.T.: 4.651 min
Delta R.T.: -0.001 min
Response: 3276797
Conc: 19.93 ug/ml



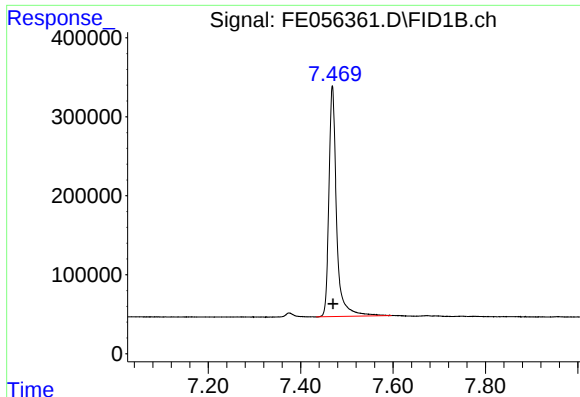
#3 A~Naphthalene (C11.7)

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 3530552
Conc: 19.97 ug/ml



#4 n-Dodecane (C12)

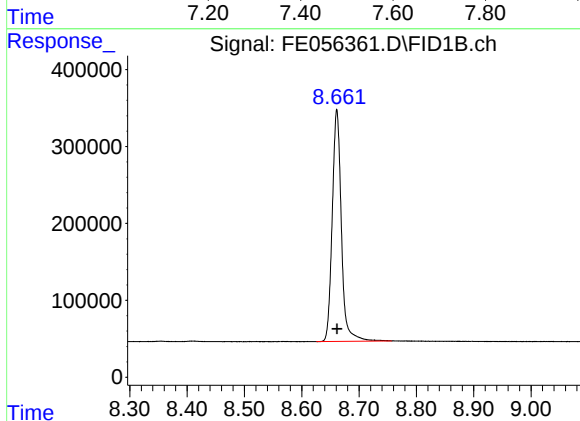
R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 3364510
Conc: 20.05 ug/ml



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

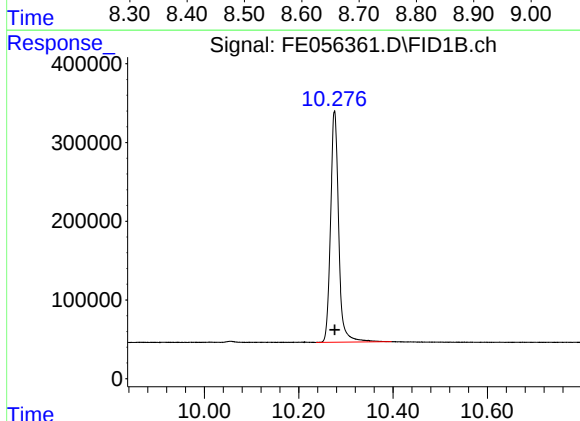
R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 3369582
Conc: 20.22 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



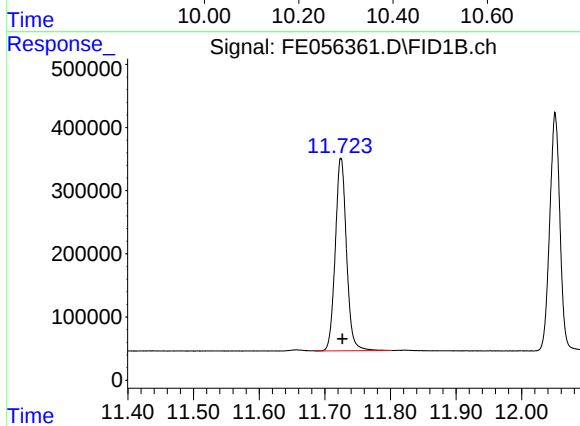
#6 n-Tetradecane (C14)

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 3340396
Conc: 20.11 ug/ml



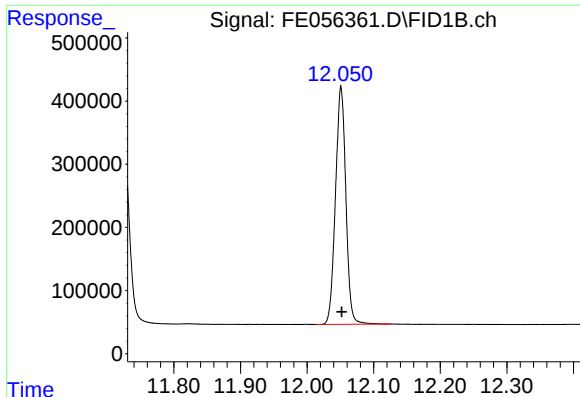
#7 n-Hexadecane (C16)

R.T.: 10.276 min
Delta R.T.: 0.000 min
Response: 3507833
Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

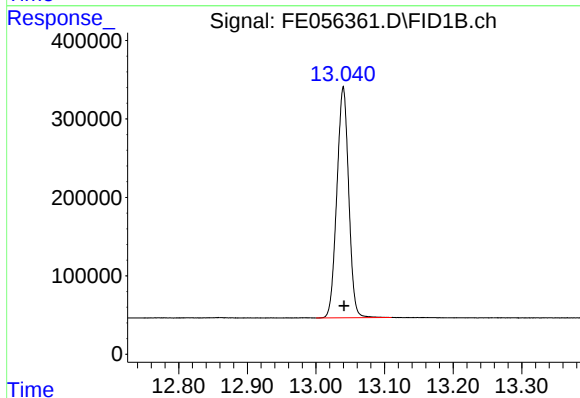
R.T.: 11.725 min
Delta R.T.: -0.002 min
Response: 3620604
Conc: 19.85 ug/ml



#9 ortho-Terphenyl (SURR)

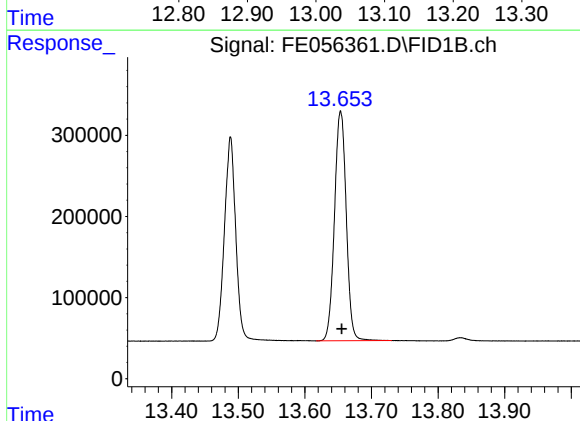
R.T.: 12.051 min
Delta R.T.: -0.001 min
Response: 4074844
Conc: 19.95 ug/ml

Instrument :
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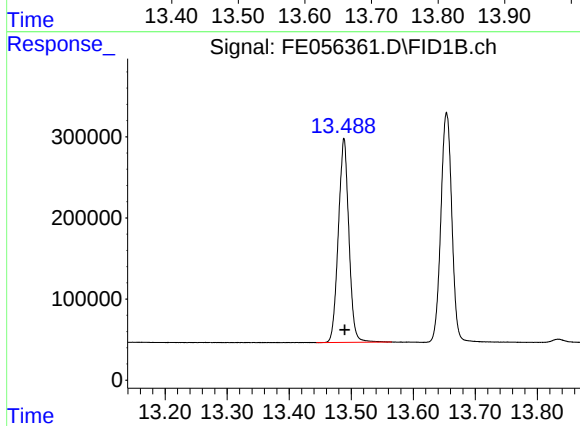
#10 n-Eicosane (C20)

R.T.: 13.040 min
Delta R.T.: -0.001 min
Response: 3523280
Conc: 19.79 ug/ml



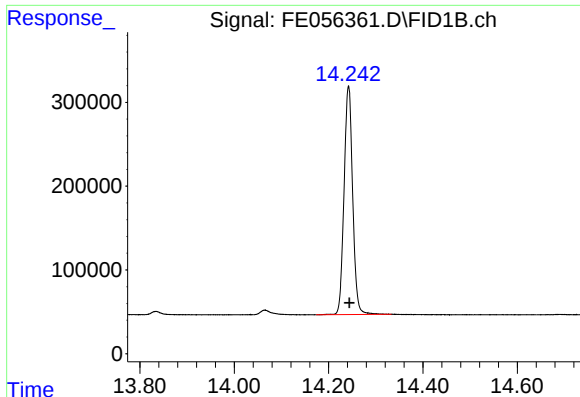
#11 n-Heneicosane (C21)

R.T.: 13.654 min
Delta R.T.: -0.002 min
Response: 3474715
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

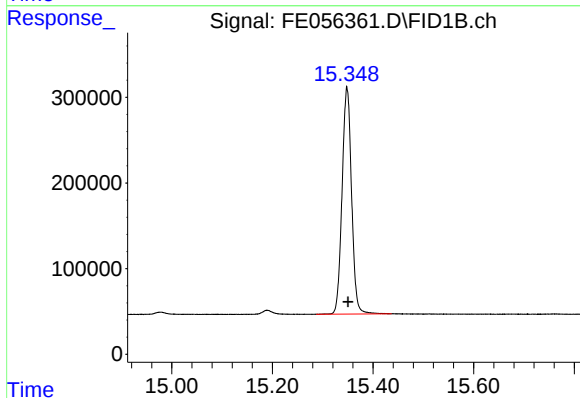
R.T.: 13.488 min
Delta R.T.: -0.001 min
Response: 2962902
Conc: 19.42 ug/ml



#13 n-Docosane (C22)

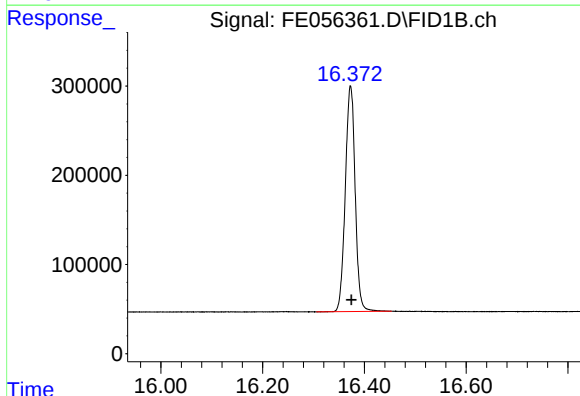
R.T.: 14.242 min
Delta R.T.: -0.001 min
Response: 3466056
Conc: 19.58 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



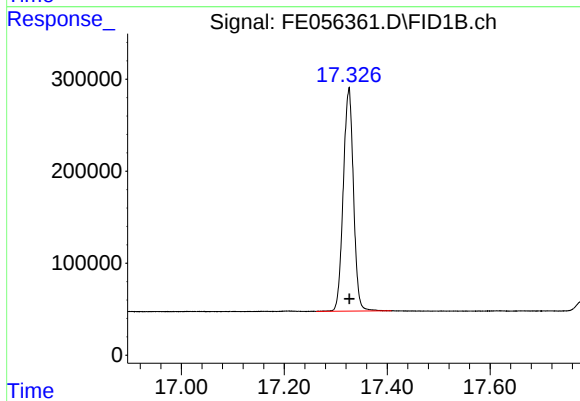
#14 n-Tetracosane (C24)

R.T.: 15.348 min
Delta R.T.: -0.002 min
Response: 3469118
Conc: 19.07 ug/ml



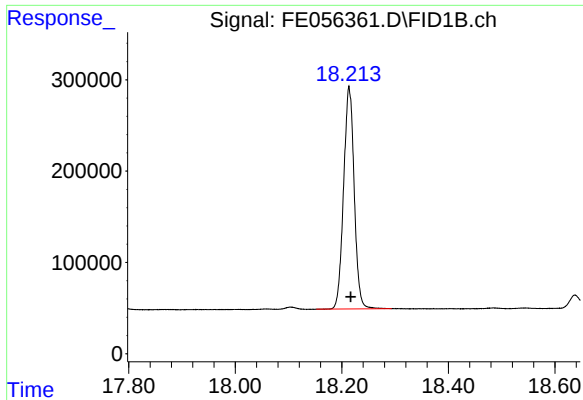
#15 n-Hexacosane (C26)

R.T.: 16.373 min
Delta R.T.: -0.002 min
Response: 3405411
Conc: 18.97 ug/ml



#16 n-Octacosane (C28)

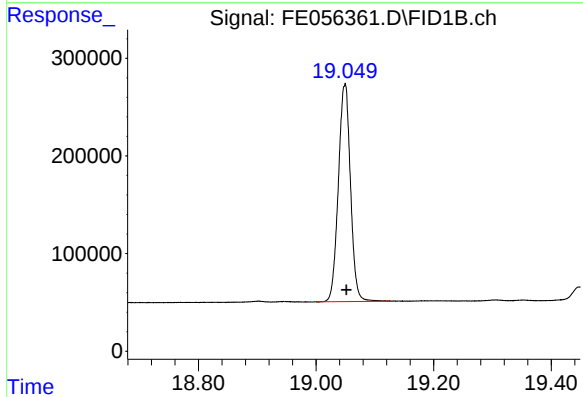
R.T.: 17.325 min
Delta R.T.: -0.001 min
Response: 3337365
Conc: 18.76 ug/ml



#17 n-Tricontane (C30)

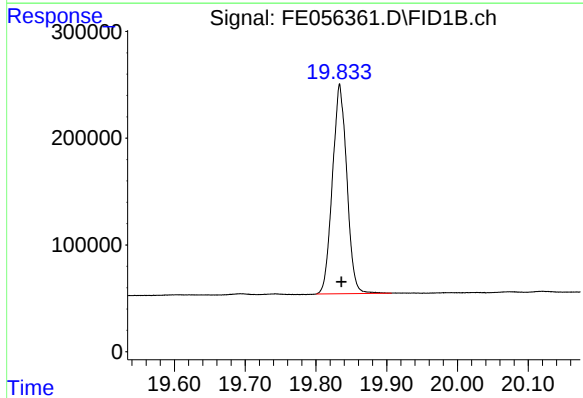
R.T.: 18.214 min
Delta R.T.: -0.003 min
Response: 3363985
Conc: 18.53 ug/ml

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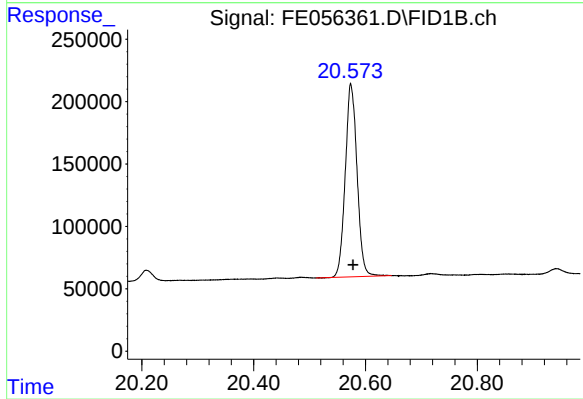
#18 n-Dotriacontane (C32)

R.T.: 19.049 min
Delta R.T.: -0.003 min
Response: 3186595
Conc: 18.07 ug/ml



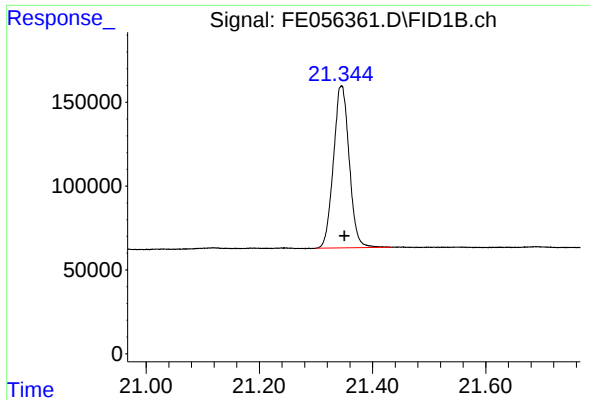
#19 n-Tetratriacontane (C34)

R.T.: 19.834 min
Delta R.T.: -0.002 min
Response: 2773682
Conc: 17.92 ug/ml



#20 n-Hexatriacontane (C36)

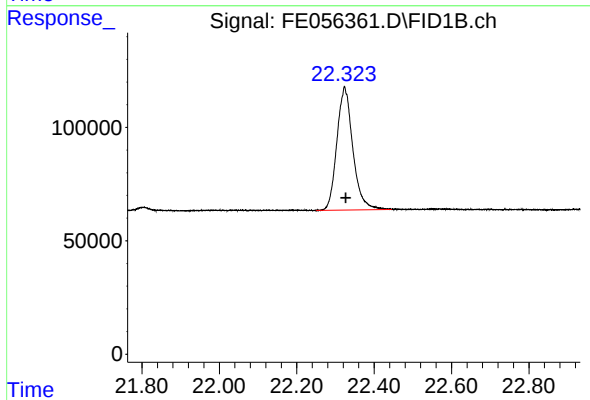
R.T.: 20.574 min
Delta R.T.: -0.003 min
Response: 2260457
Conc: 18.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.345 min
Delta R.T.: -0.005 min
Response: 1867472
Conc: 17.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.324 min
Delta R.T.: -0.003 min
Response: 1553596
Conc: 17.12 ug/ml