

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102225AL\
 Data File : FE056451.D
 Signal(s) : FID1B.ch
 Acq On : 22 Oct 2025 20:36
 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 23 11:05:31 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)	12.049	3974028	19.453 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	13.486	2997253	19.644 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
Target Compounds			
1) T n-Nonane (C9)	3.395	3228708	19.808 ug/ml
2) T n-Decane (C10)	4.649	3427787	20.844 ug/ml
3) T A~Naphthalene (C11.7)	6.366	3629538	20.532 ug/ml
4) T n-Dodecane (C12)	6.822	3511676	20.930 ug/ml
5) T A~2-methylnaphthalene...	7.467	3480282	20.887 ug/ml
6) T n-Tetradecane (C14)	8.659	3469346	20.883 ug/ml
7) T n-Hexadecane (C16)	10.273	3567439	20.390 ug/ml
8) T n-Octadecane (C18)	11.723	3634431	19.924 ug/ml
10) T n-Eicosane (C20)	13.037	3485562	19.576 ug/ml
11) T n-Heneicosane (C21)	13.652	3414085	19.459 ug/ml
13) T n-Docosane (C22)	14.240	3421365	19.328 ug/ml
14) T n-Tetracosane (C24)	15.347	3389824	18.632 ug/ml
15) T n-Hexacosane (C26)	16.371	3294220	18.351 ug/ml
16) T n-Octacosane (C28)	17.324	3247300	18.254 ug/ml
17) T n-Tricontane (C30)	18.213	3356921	18.489 ug/ml
18) T n-Dotriacontane (C32)	19.047	3308724	18.768 ug/ml
19) T n-Tetratriacontane (C34)	19.833	2980412	19.253 ug/ml
20) T n-Hexatriacontane (C36)	20.573	2722080	21.788 ug/ml
21) T n-Octatriacontane (C38)	21.345	2333289	22.332 ug/ml
22) T n-Tetracontane (C40)	22.318	2208042	24.333 ug/ml

(f)=RT Delta > 1/2 Window

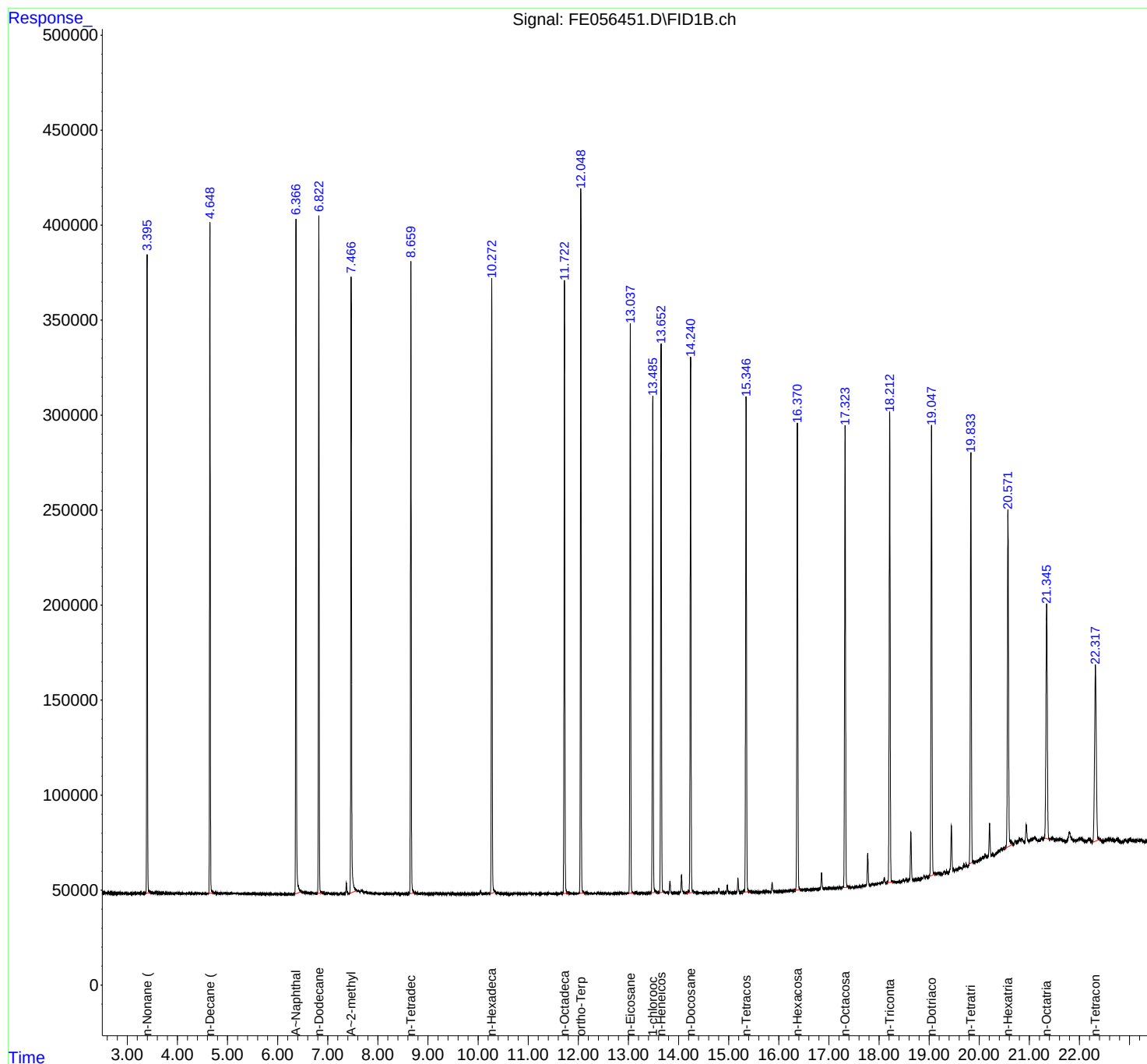
(m)=manual int.

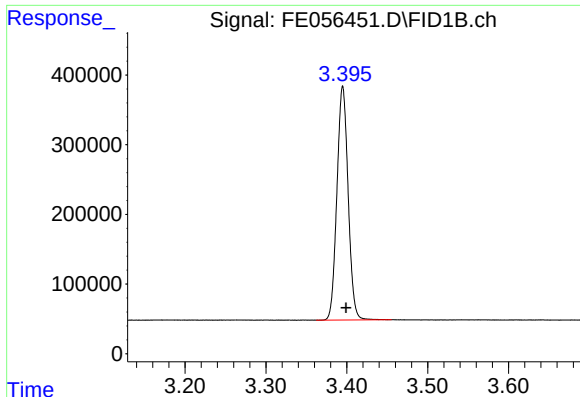
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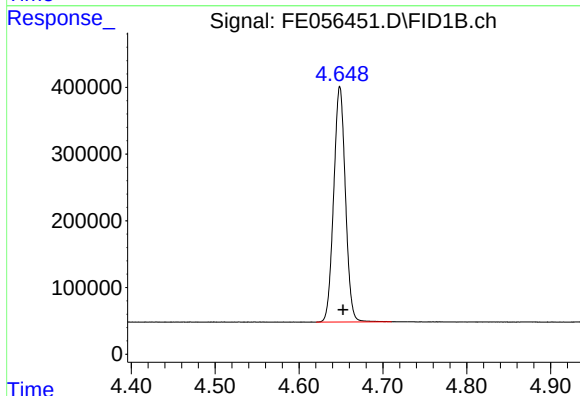




#1 n-Nonane (C9)

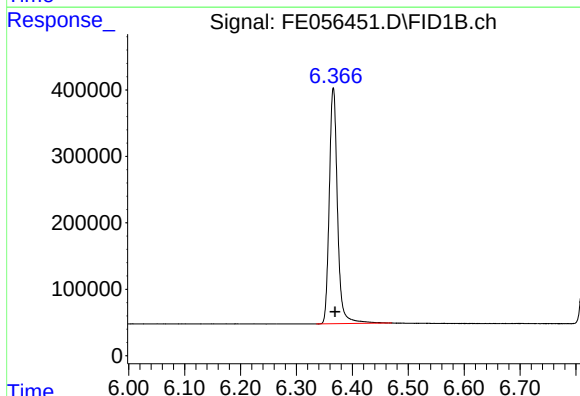
R.T.: 3.395 min
Delta R.T.: -0.004 min
Response: 3228708
Conc: 19.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



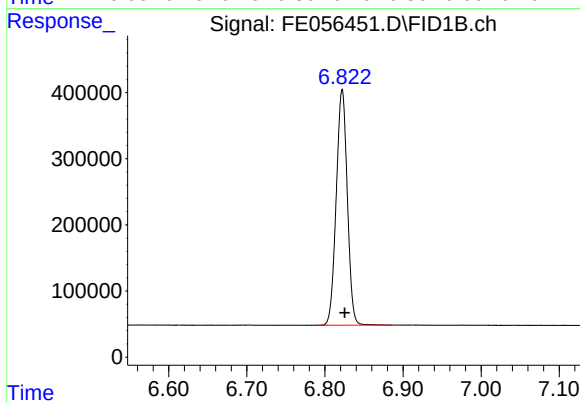
#2 n-Decane (C10)

R.T.: 4.649 min
Delta R.T.: -0.004 min
Response: 3427787
Conc: 20.84 ug/ml



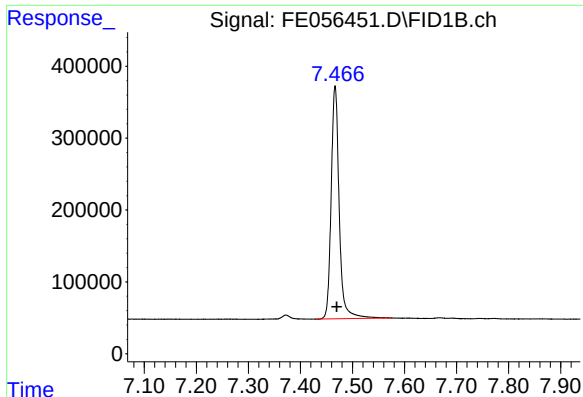
#3 A~Naphthalene (C11.7)

R.T.: 6.366 min
Delta R.T.: -0.003 min
Response: 3629538
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

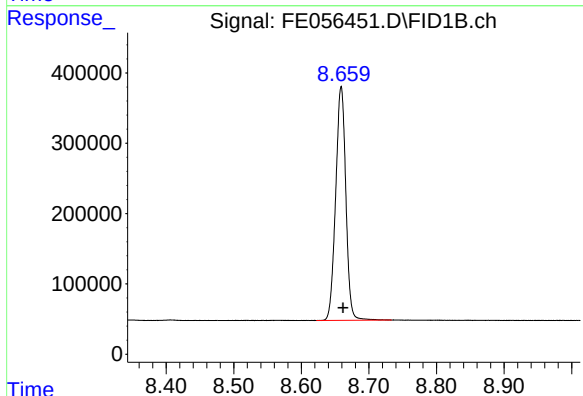
R.T.: 6.822 min
Delta R.T.: -0.003 min
Response: 3511676
Conc: 20.93 ug/ml



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

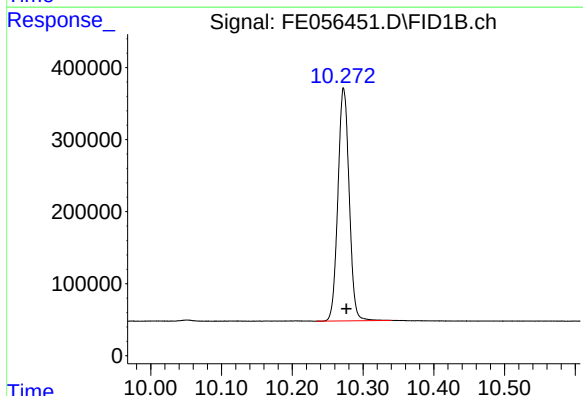
R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 3480282
Conc: 20.89 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



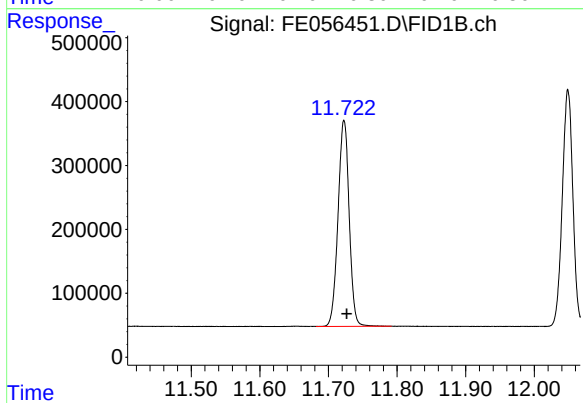
#6 n-Tetradecane (C14)

R.T.: 8.659 min
Delta R.T.: -0.003 min
Response: 3469346
Conc: 20.88 ug/ml



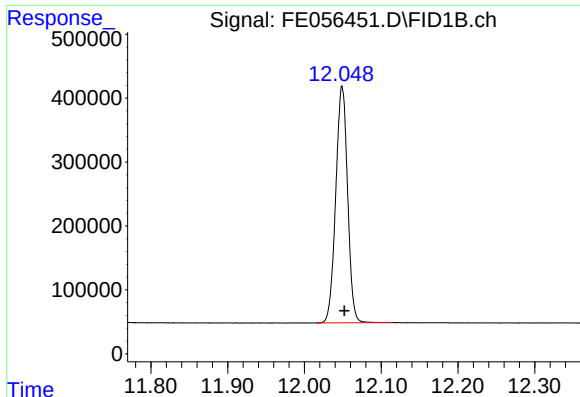
#7 n-Hexadecane (C16)

R.T.: 10.273 min
Delta R.T.: -0.004 min
Response: 3567439
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

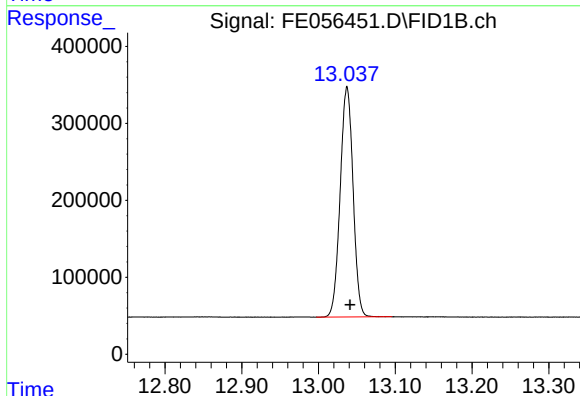
R.T.: 11.723 min
Delta R.T.: -0.004 min
Response: 3634431
Conc: 19.92 ug/ml



#9 ortho-Terphenyl (SURR)

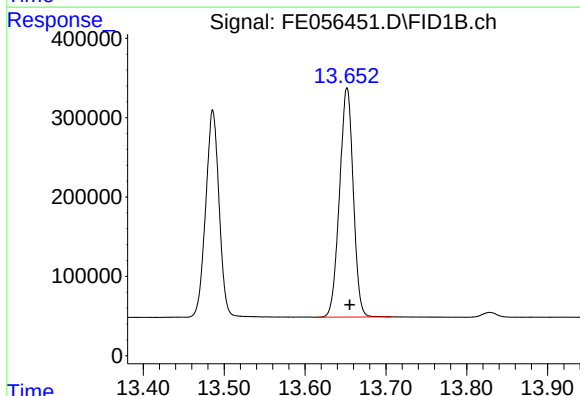
R.T.: 12.049 min
Delta R.T.: -0.003 min
Response: 3974028
Conc: 19.45 ug/ml

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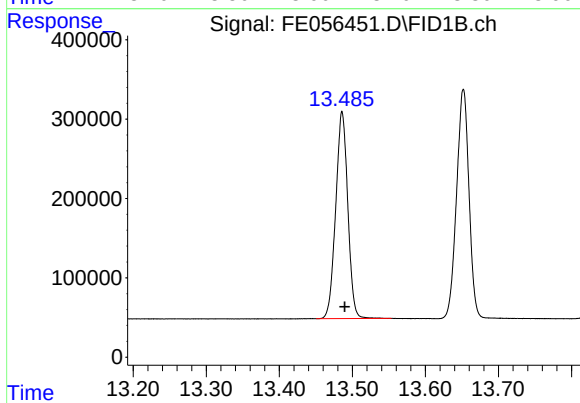
#10 n-Eicosane (C20)

R.T.: 13.037 min
Delta R.T.: -0.004 min
Response: 3485562
Conc: 19.58 ug/ml



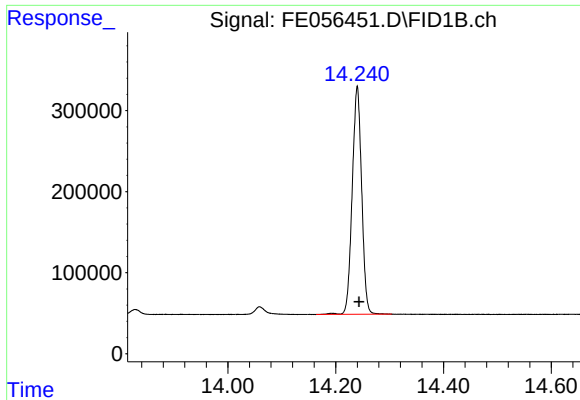
#11 n-Heneicosane (C21)

R.T.: 13.652 min
Delta R.T.: -0.003 min
Response: 3414085
Conc: 19.46 ug/ml



#12 1-chlorooctadecane (SURR)

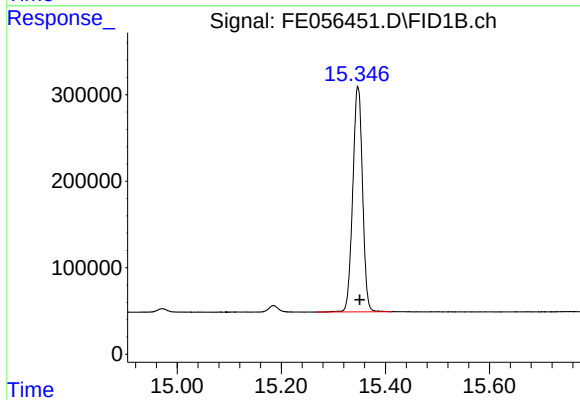
R.T.: 13.486 min
Delta R.T.: -0.003 min
Response: 2997253
Conc: 19.64 ug/ml



#13 n-Docosane (C22)

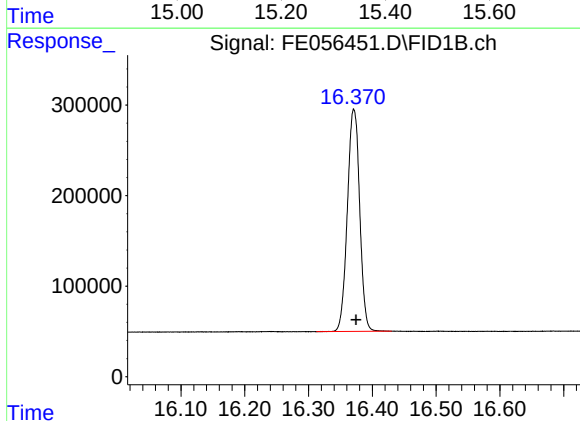
R.T.: 14.240 min
Delta R.T.: -0.004 min
Response: 3421365
Conc: 19.33 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



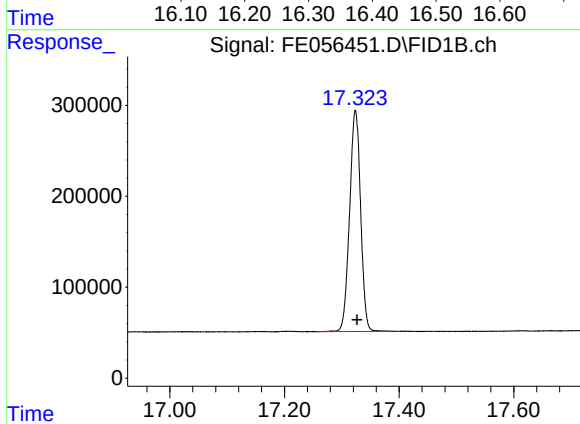
#14 n-Tetracosane (C24)

R.T.: 15.347 min
Delta R.T.: -0.003 min
Response: 3389824
Conc: 18.63 ug/ml



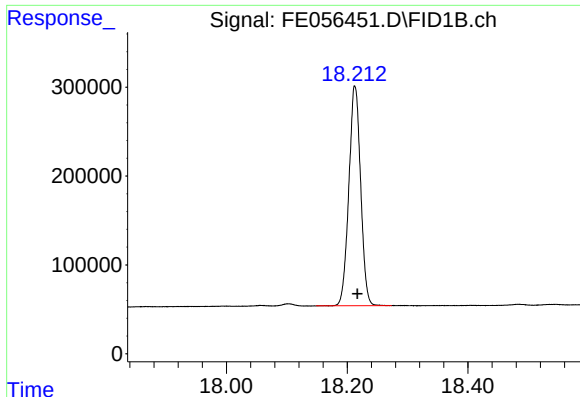
#15 n-Hexacosane (C26)

R.T.: 16.371 min
Delta R.T.: -0.003 min
Response: 3294220
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

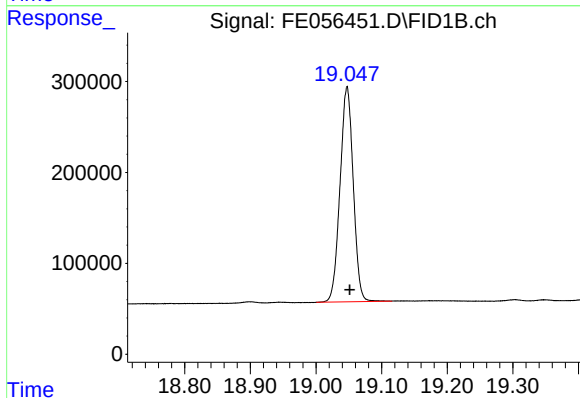
R.T.: 17.324 min
Delta R.T.: -0.003 min
Response: 3247300
Conc: 18.25 ug/ml



#17 n-Tricontane (C30)

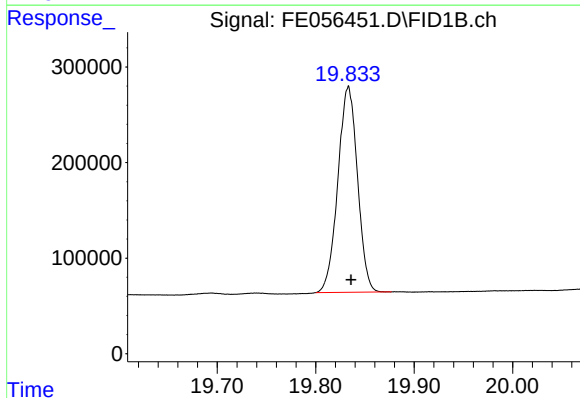
R.T.: 18.213 min
Delta R.T.: -0.004 min
Response: 3356921
Conc: 18.49 ug/ml

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20 PPM ALIPHATIC HC STD



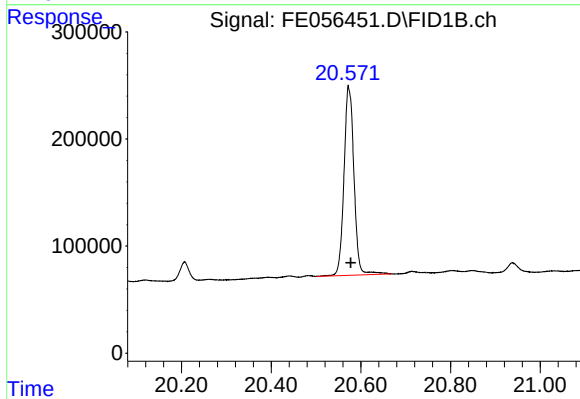
#18 n-Dotriacontane (C32)

R.T.: 19.047 min
Delta R.T.: -0.004 min
Response: 3308724
Conc: 18.77 ug/ml



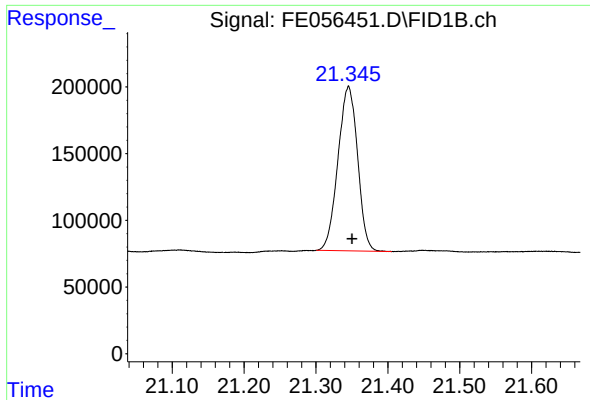
#19 n-Tetratriacontane (C34)

R.T.: 19.833 min
Delta R.T.: -0.003 min
Response: 2980412
Conc: 19.25 ug/ml



#20 n-Hexatriacontane (C36)

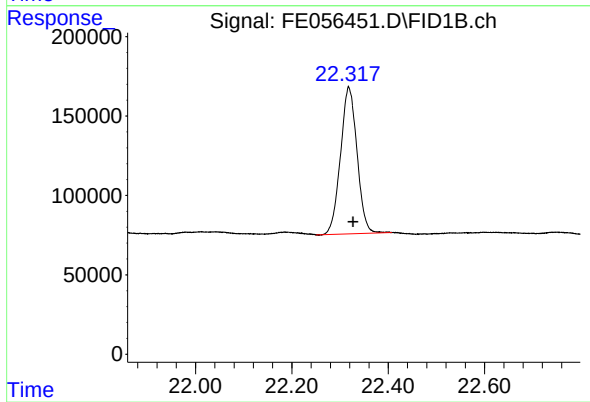
R.T.: 20.573 min
Delta R.T.: -0.004 min
Response: 2722080
Conc: 21.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.345 min
Delta R.T.: -0.005 min
Response: 2333289
Conc: 22.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.318 min
Delta R.T.: -0.009 min
Response: 2208042
Conc: 24.33 ug/ml