

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092525AL\
 Data File : FE056019.D
 Signal(s) : FID1B.ch
 Acq On : 26 Sep 2025 04:59
 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: autoint1.e
 Quant Time: Sep 26 06:20:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.066	3433471	18.297 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
12) S 1-chlorooctadecane (S...	13.504	2653537	19.013 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
Target Compounds			
1) T n-Nonane (C9)	3.403	2130893	15.555 ug/ml
2) T n-Decane (C10)	4.663	2173060	15.570 ug/ml
3) T A~Naphthalene (C11.7)	6.382	2618164	16.398 ug/ml
4) T n-Dodecane (C12)	6.839	2252235	15.692 ug/ml
5) T A~2-methylnaphthalene...	7.483	2591026	16.661 ug/ml
6) T n-Tetradecane (C14)	8.675	2376490	16.074 ug/ml
7) T n-Hexadecane (C16)	10.291	2653857	16.701 ug/ml
8) T n-Octadecane (C18)	11.741	2934190	17.323 ug/ml
10) T n-Eicosane (C20)	13.056	3016120	18.195 ug/ml
11) T n-Heneicosane (C21)	13.670	3019309	18.581 ug/ml
13) T n-Docosane (C22)	14.259	3035876	18.999 ug/ml
14) T n-Tetracosane (C24)	15.365	3023776	19.844 ug/ml
15) T n-Hexacosane (C26)	16.389	2847207	19.962 ug/ml
16) T n-Octacosane (C28)	17.342	2760355	19.815 ug/ml
17) T n-Tricontane (C30)	18.231	2895613	19.541 ug/ml
18) T n-Dotriacontane (C32)	19.066	2947096	19.753 ug/ml
19) T n-Tetratriacontane (C34)	19.852	2820175	19.938 ug/ml
20) T n-Hexatriacontane (C36)	20.593	2550082	19.865 ug/ml
21) T n-Octatriacontane (C38)	21.369	2368501	18.033 ug/ml
22) T n-Tetracontane (C40)	22.351	2174013	18.274 ug/ml

(f)=RT Delta > 1/2 Window

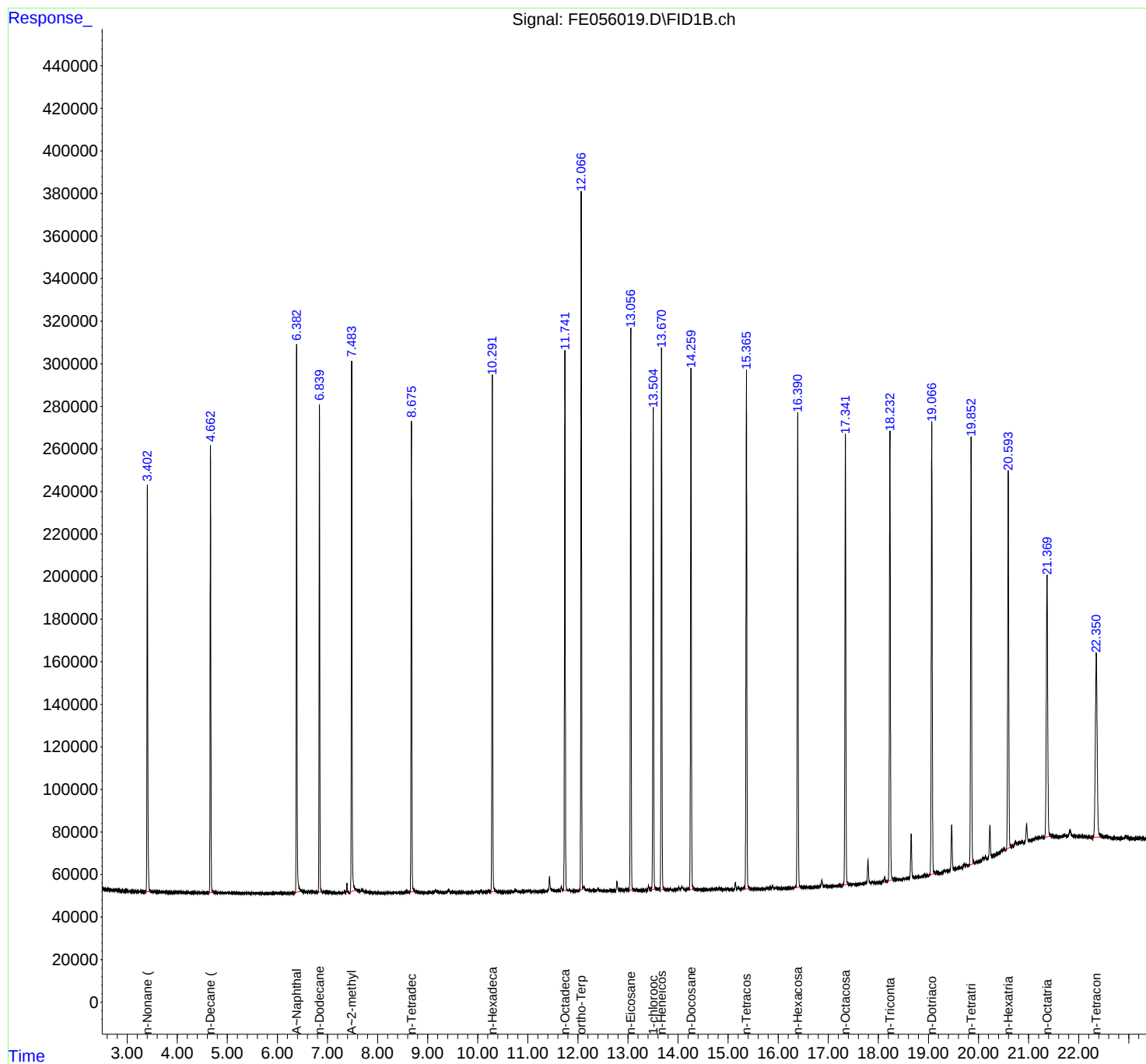
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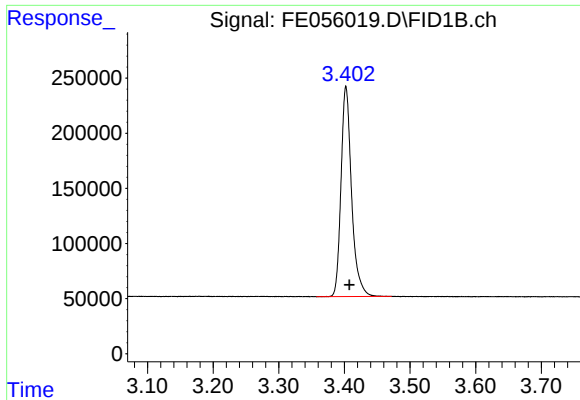
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092525AL\
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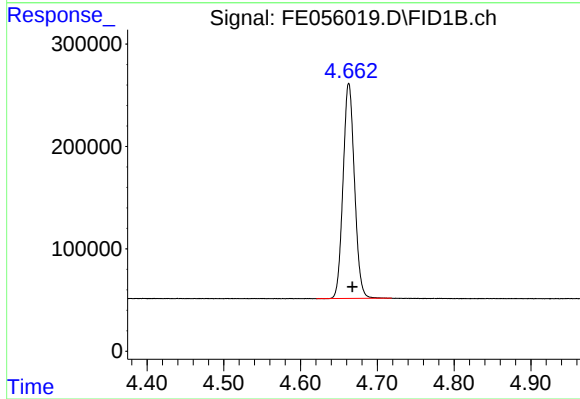




#1 n-Nonane (C9)

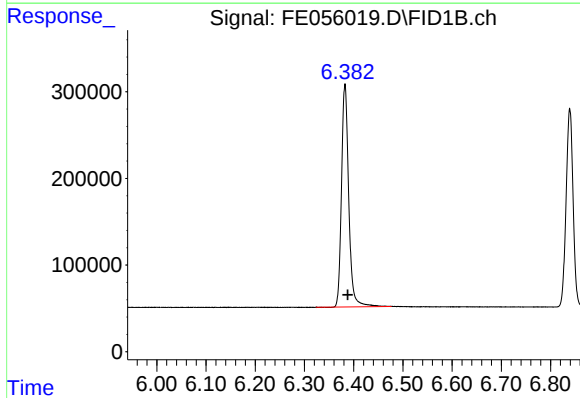
R.T.: 3.403 min
Delta R.T.: -0.005 min
Response: 2130893
Conc: 15.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



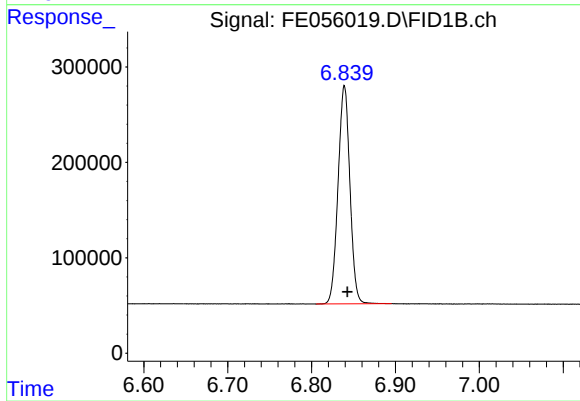
#2 n-Decane (C10)

R.T.: 4.663 min
Delta R.T.: -0.004 min
Response: 2173060
Conc: 15.57 ug/ml



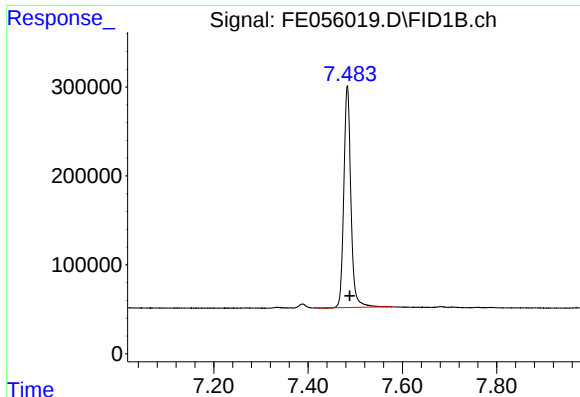
#3 A~Naphthalene (C11.7)

R.T.: 6.382 min
Delta R.T.: -0.006 min
Response: 2618164
Conc: 16.40 ug/ml



#4 n-Dodecane (C12)

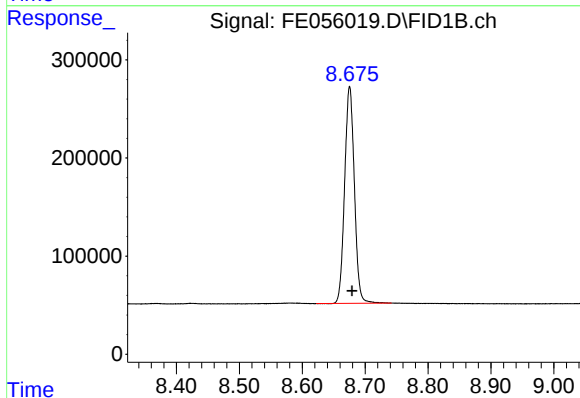
R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 2252235
Conc: 15.69 ug/ml



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

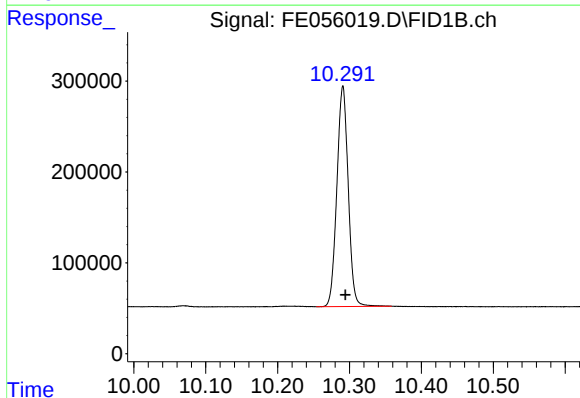
R.T.: 7.483 min
Delta R.T.: -0.005 min
Response: 2591026
Conc: 16.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



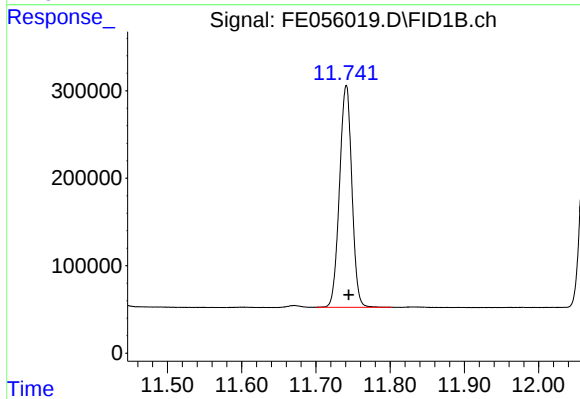
#6 n-Tetradecane (C14)

R.T.: 8.675 min
Delta R.T.: -0.004 min
Response: 2376490
Conc: 16.07 ug/ml



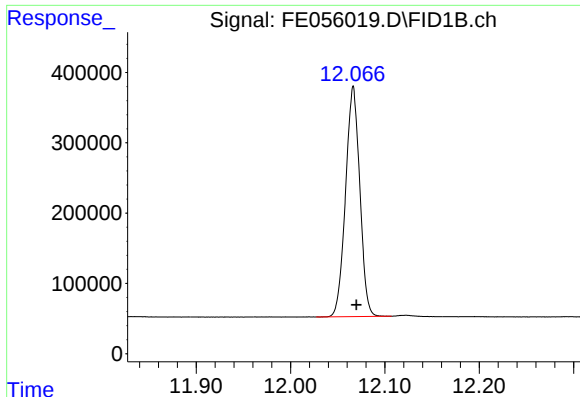
#7 n-Hexadecane (C16)

R.T.: 10.291 min
Delta R.T.: -0.004 min
Response: 2653857
Conc: 16.70 ug/ml



#8 n-Octadecane (C18)

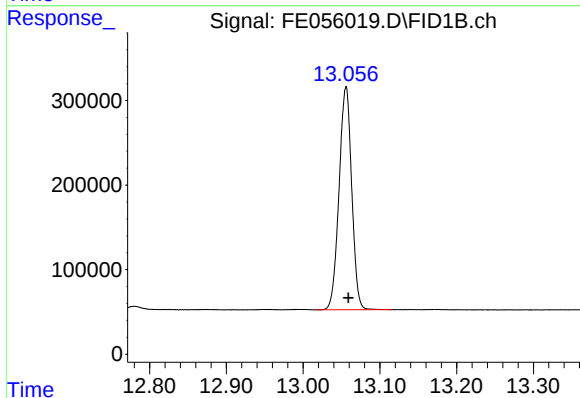
R.T.: 11.741 min
Delta R.T.: -0.003 min
Response: 2934190
Conc: 17.32 ug/ml



#9 ortho-Terphenyl (SURR)

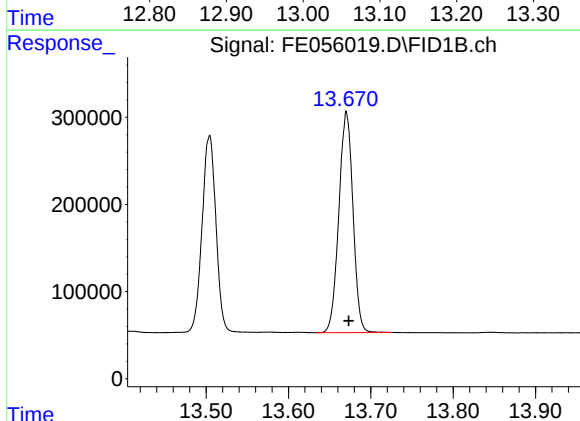
R.T.: 12.066 min
Delta R.T.: -0.003 min
Response: 3433471
Conc: 18.30 ug/ml

Instrument :
FID_E
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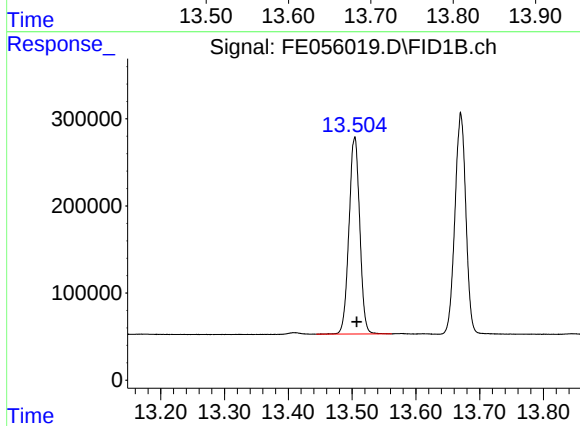
#10 n-Eicosane (C20)

R.T.: 13.056 min
Delta R.T.: -0.003 min
Response: 3016120
Conc: 18.20 ug/ml



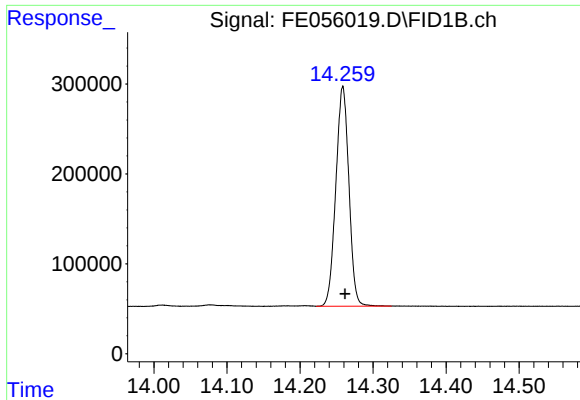
#11 n-Heneicosane (C21)

R.T.: 13.670 min
Delta R.T.: -0.003 min
Response: 3019309
Conc: 18.58 ug/ml



#12 1-chlorooctadecane (SURR)

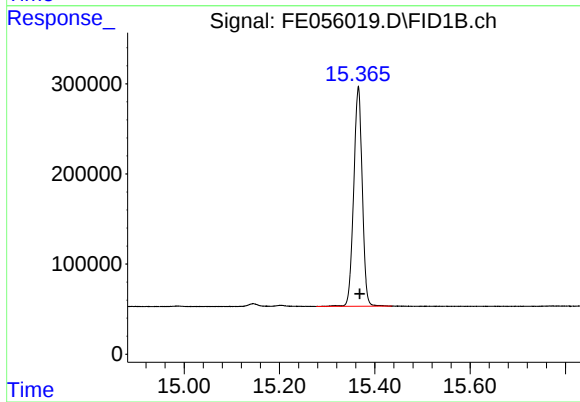
R.T.: 13.504 min
Delta R.T.: -0.003 min
Response: 2653537
Conc: 19.01 ug/ml



#13 n-Docosane (C22)

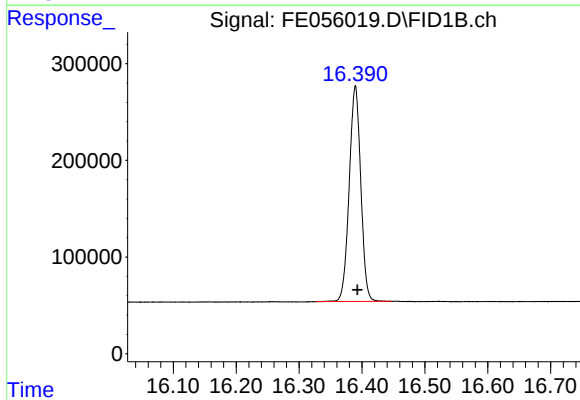
R.T.: 14.259 min
Delta R.T.: -0.003 min
Response: 3035876
Conc: 19.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



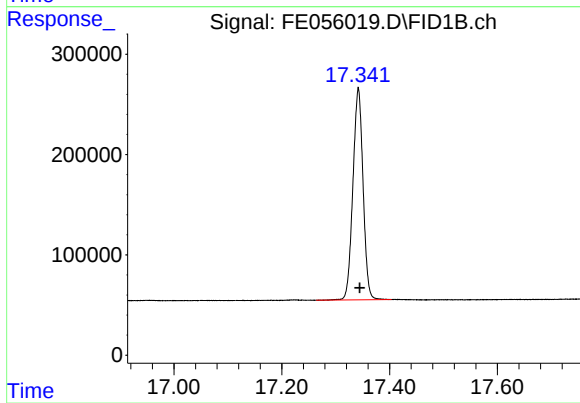
#14 n-Tetracosane (C24)

R.T.: 15.365 min
Delta R.T.: -0.003 min
Response: 3023776
Conc: 19.84 ug/ml



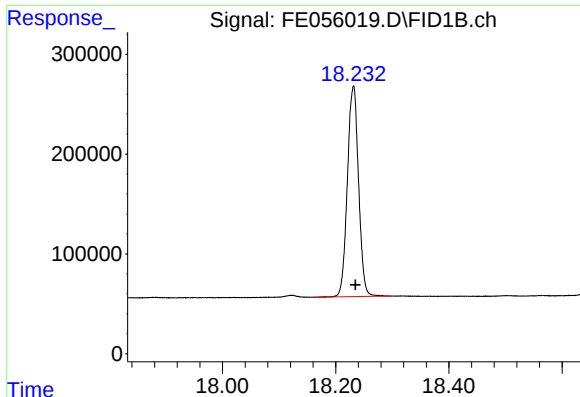
#15 n-Hexacosane (C26)

R.T.: 16.389 min
Delta R.T.: -0.003 min
Response: 2847207
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

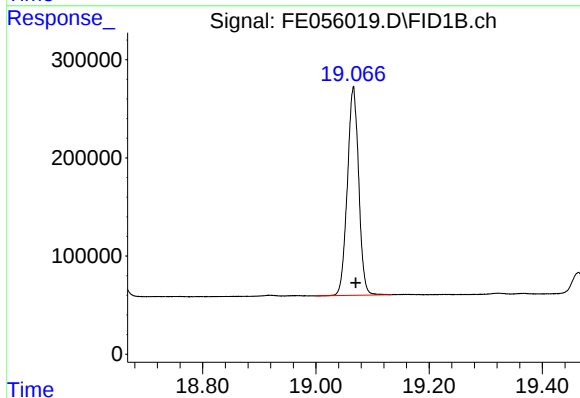
R.T.: 17.342 min
Delta R.T.: -0.003 min
Response: 2760355
Conc: 19.82 ug/ml



#17 n-Tricontane (C30)

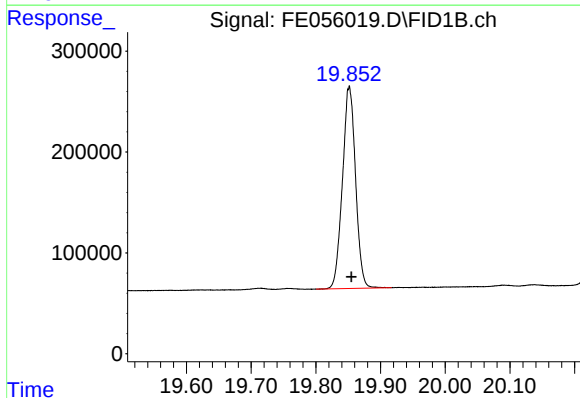
R.T.: 18.231 min
Delta R.T.: -0.004 min
Response: 2895613
Conc: 19.54 ug/ml

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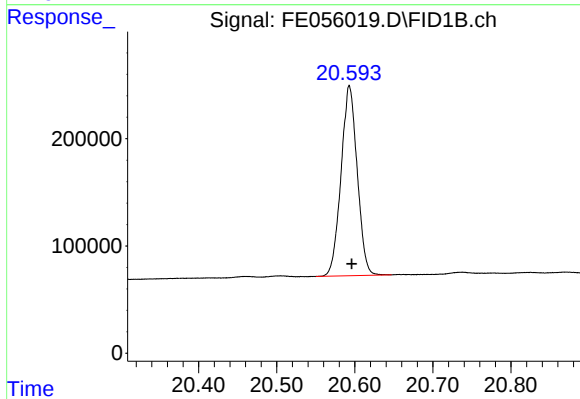
#18 n-Dotriacontane (C32)

R.T.: 19.066 min
Delta R.T.: -0.004 min
Response: 2947096
Conc: 19.75 ug/ml



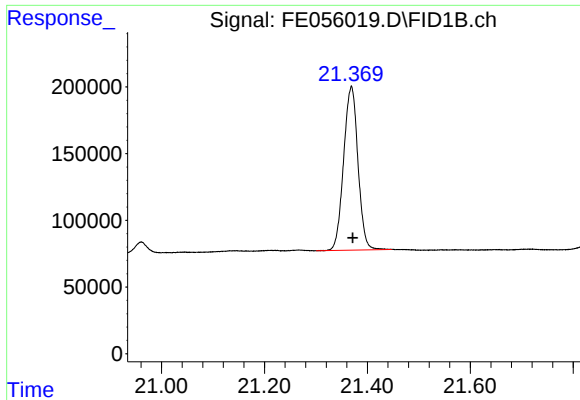
#19 n-Tetratriacontane (C34)

R.T.: 19.852 min
Delta R.T.: -0.003 min
Response: 2820175
Conc: 19.94 ug/ml



#20 n-Hexatriacontane (C36)

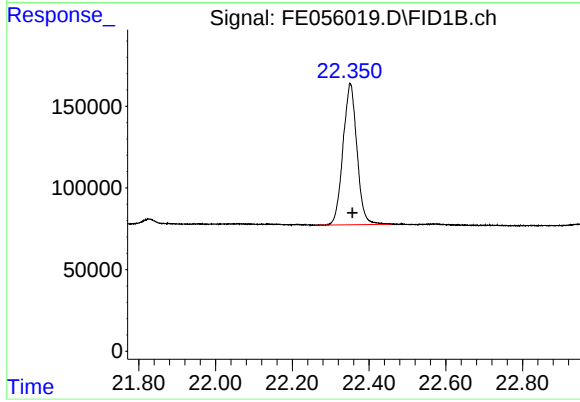
R.T.: 20.593 min
Delta R.T.: -0.003 min
Response: 2550082
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.369 min
Delta R.T.: -0.003 min
Response: 2368501
Conc: 18.03 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.351 min
Delta R.T.: -0.005 min
Response: 2174013
Conc: 18.27 ug/ml