

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100325AL\
 Data File : FE056177.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2025 21:20
 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: Oct 03 23:17:20 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)	12.067	3695063	19.691 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
12) S 1-chlorooctadecane (S...	13.504	2755564	19.744 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
Target Compounds			
1) T n-Nonane (C9)	3.410	2333418	17.033 ug/ml
2) T n-Decane (C10)	4.668	2456006	17.598 ug/ml
3) T A~Naphthalene (C11.7)	6.387	3021139	18.922 ug/ml
4) T n-Dodecane (C12)	6.842	2658693	18.524 ug/ml
5) T A~2-methylnaphthalene...	7.487	3001698	19.301 ug/ml
6) T n-Tetradecane (C14)	8.678	2867644	19.396 ug/ml
7) T n-Hexadecane (C16)	10.292	3186040	20.050 ug/ml
8) T n-Octadecane (C18)	11.741	3400552	20.076 ug/ml
10) T n-Eicosane (C20)	13.055	3284230	19.813 ug/ml
11) T n-Heneicosane (C21)	13.669	3167624	19.494 ug/ml
13) T n-Docosane (C22)	14.258	3108516	19.454 ug/ml
14) T n-Tetracosane (C24)	15.363	2990312	19.624 ug/ml
15) T n-Hexacosane (C26)	16.387	2792395	19.578 ug/ml
16) T n-Octacosane (C28)	17.339	2741593	19.680 ug/ml
17) T n-Tricontane (C30)	18.228	2929947	19.773 ug/ml
18) T n-Dotriacontane (C32)	19.062	3068065	20.564 ug/ml
19) T n-Tetratriacontane (C34)	19.846	2941574	20.796 ug/ml
20) T n-Hexatriacontane (C36)	20.588	2660071	20.722 ug/ml
21) T n-Octatriacontane (C38)	21.361	2459594	18.727 ug/ml
22) T n-Tetracontane (C40)	22.339	2264803	19.037 ug/ml

(f)=RT Delta > 1/2 Window

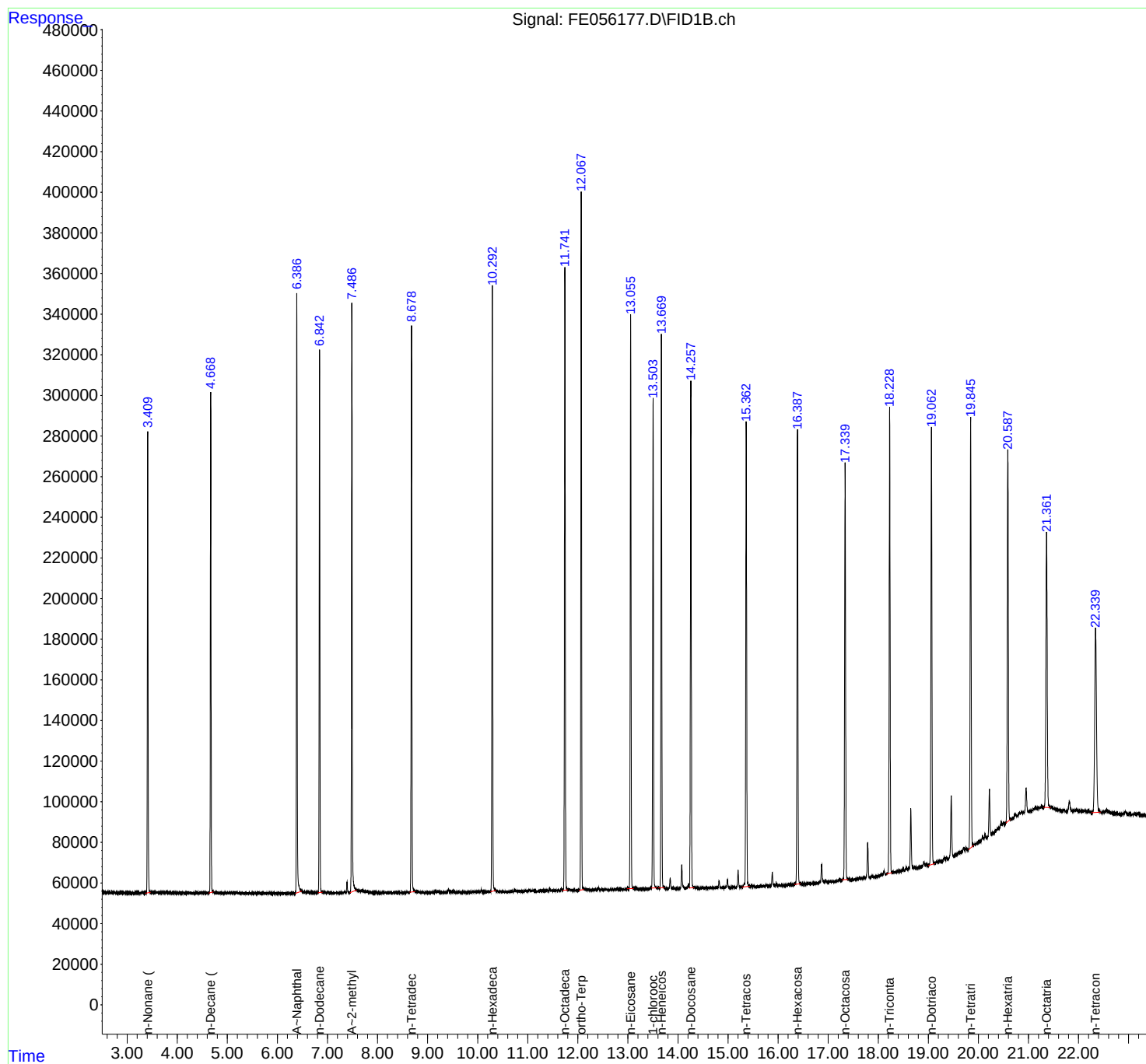
(m)=manual int.

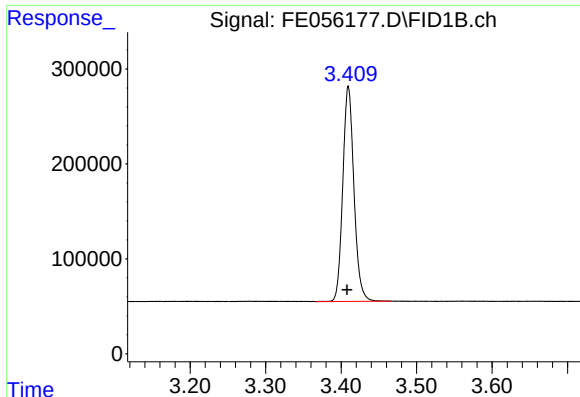
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100325AL\
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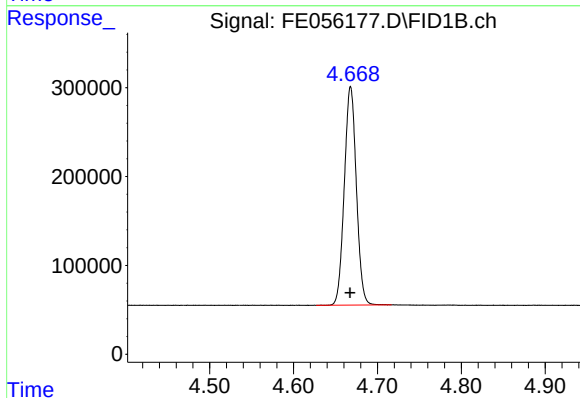




#1 n-Nonane (C9)

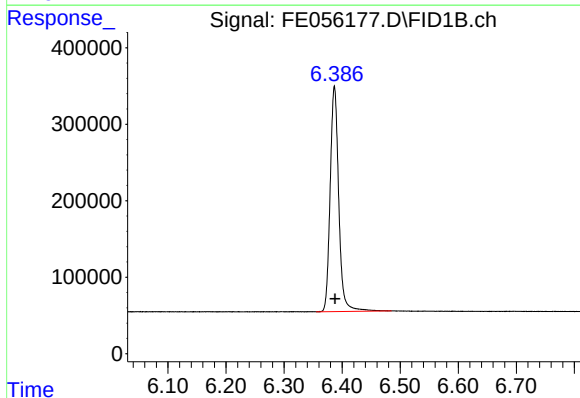
R.T.: 3.410 min
Delta R.T.: 0.002 min
Response: 2333418
Conc: 17.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



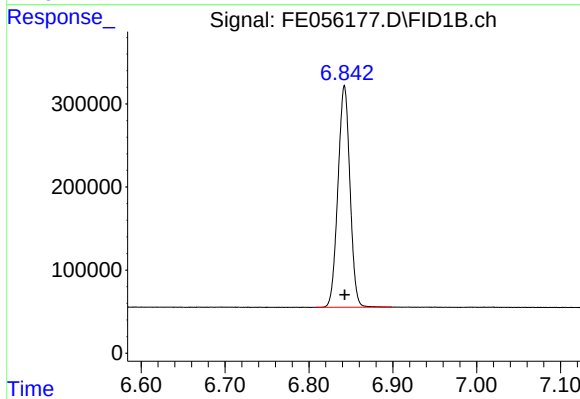
#2 n-Decane (C10)

R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 2456006
Conc: 17.60 ug/ml



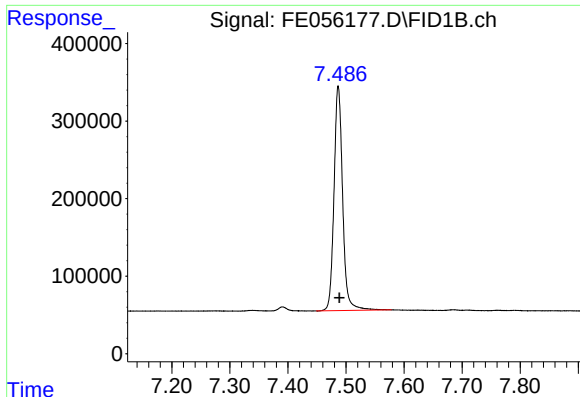
#3 A~Naphthalene (C11.7)

R.T.: 6.387 min
Delta R.T.: -0.001 min
Response: 3021139
Conc: 18.92 ug/ml



#4 n-Dodecane (C12)

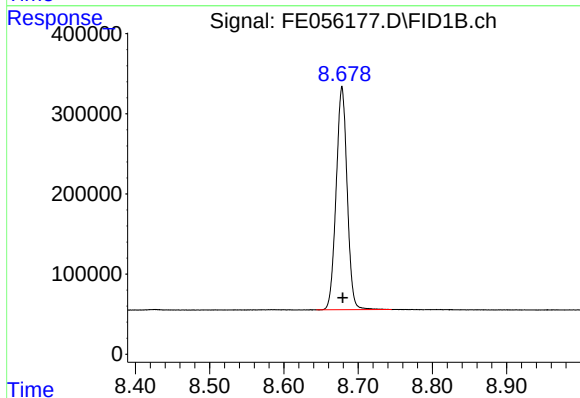
R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 2658693
Conc: 18.52 ug/ml



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

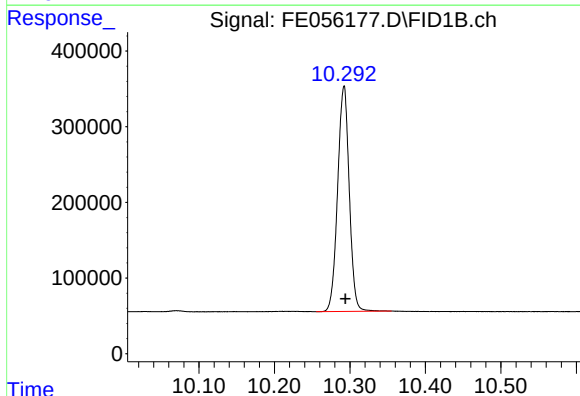
R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 3001698
Conc: 19.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



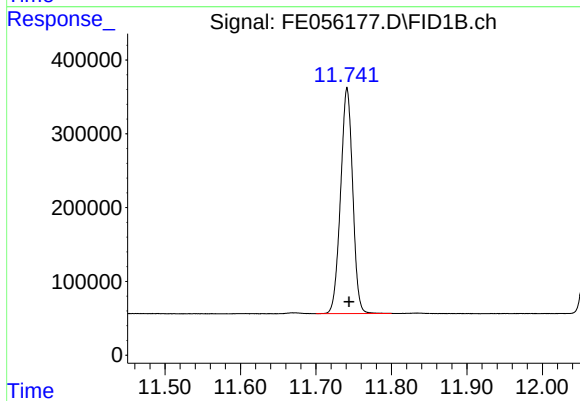
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: -0.001 min
Response: 2867644
Conc: 19.40 ug/ml



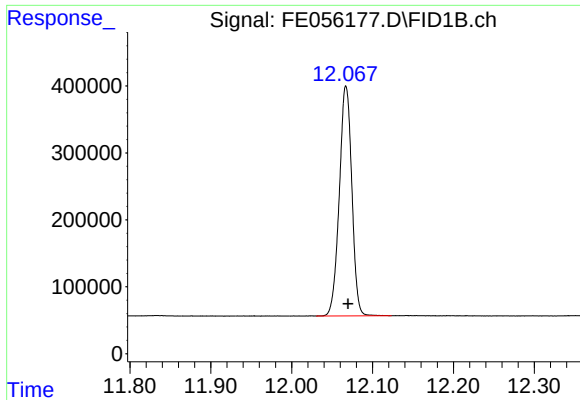
#7 n-Hexadecane (C16)

R.T.: 10.292 min
Delta R.T.: -0.002 min
Response: 3186040
Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

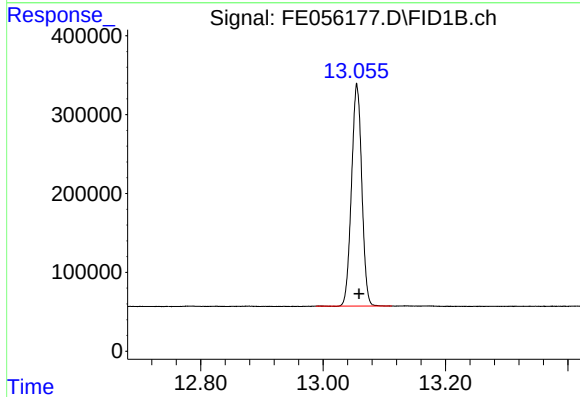
R.T.: 11.741 min
Delta R.T.: -0.003 min
Response: 3400552
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

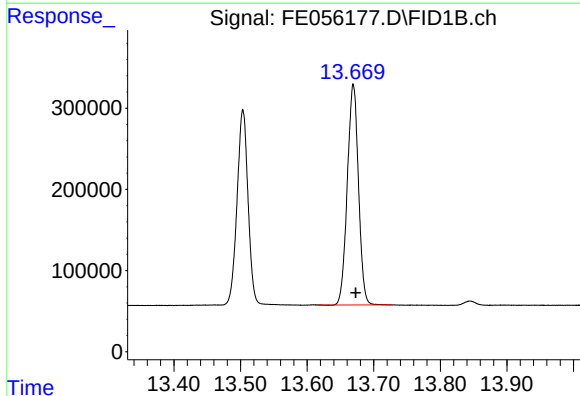
R.T.: 12.067 min
Delta R.T.: -0.003 min
Response: 3695063
Conc: 19.69 ug/ml

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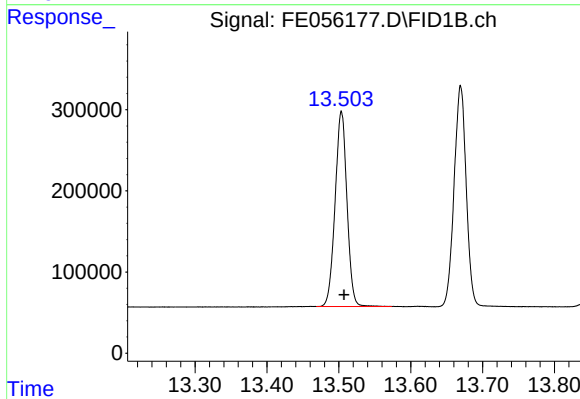
#10 n-Eicosane (C20)

R.T.: 13.055 min
Delta R.T.: -0.004 min
Response: 3284230
Conc: 19.81 ug/ml



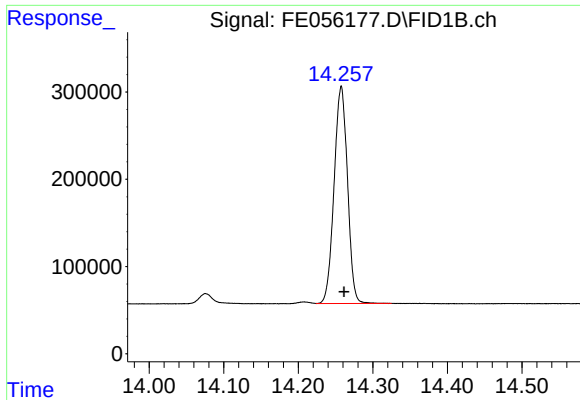
#11 n-Heneicosane (C21)

R.T.: 13.669 min
Delta R.T.: -0.004 min
Response: 3167624
Conc: 19.49 ug/ml



#12 1-chlorooctadecane (SURR)

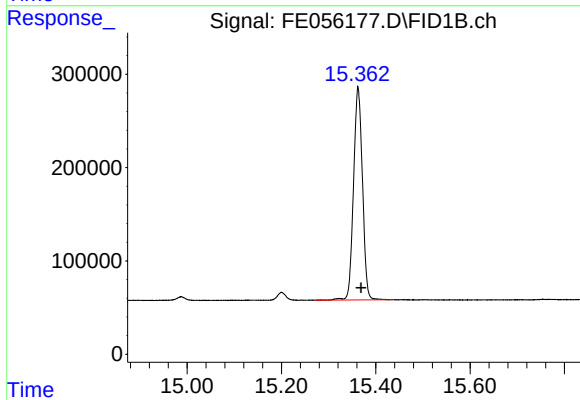
R.T.: 13.504 min
Delta R.T.: -0.004 min
Response: 2755564
Conc: 19.74 ug/ml



#13 n-Docosane (C22)

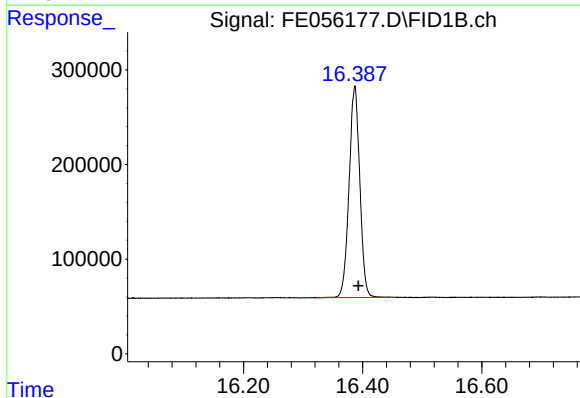
R.T.: 14.258 min
Delta R.T.: -0.004 min
Response: 3108516
Conc: 19.45 ug/ml

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20 PPM ALIPHATIC HC STD



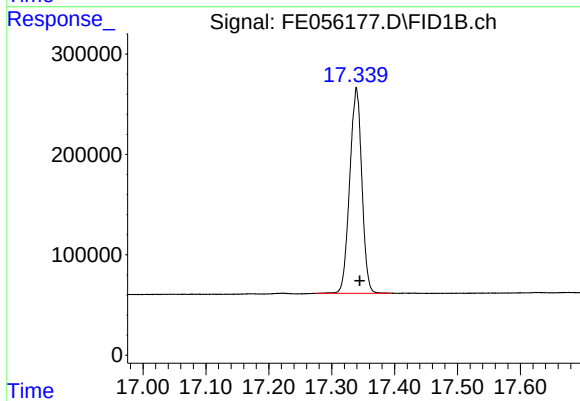
#14 n-Tetracosane (C24)

R.T.: 15.363 min
Delta R.T.: -0.006 min
Response: 2990312
Conc: 19.62 ug/ml



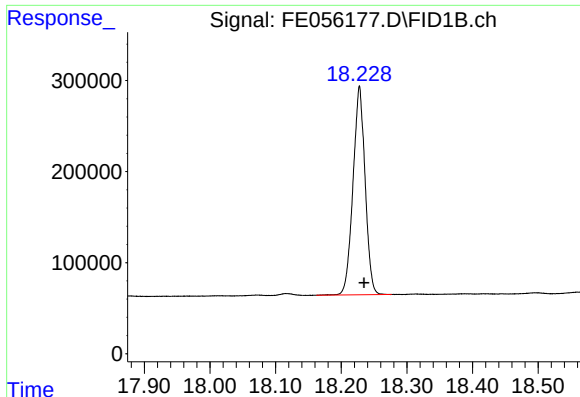
#15 n-Hexacosane (C26)

R.T.: 16.387 min
Delta R.T.: -0.006 min
Response: 2792395
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

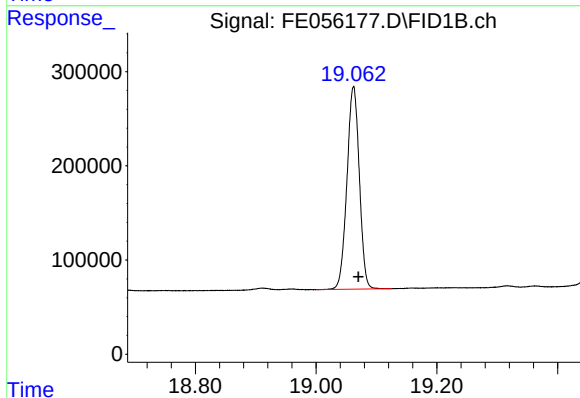
R.T.: 17.339 min
Delta R.T.: -0.006 min
Response: 2741593
Conc: 19.68 ug/ml



#17 n-Tricontane (C30)

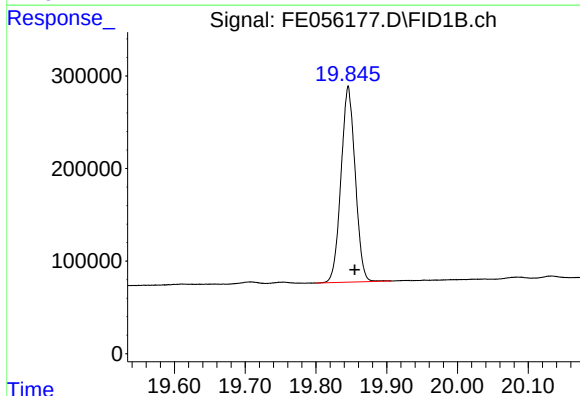
R.T.: 18.228 min
Delta R.T.: -0.007 min
Response: 2929947
Conc: 19.77 ug/ml

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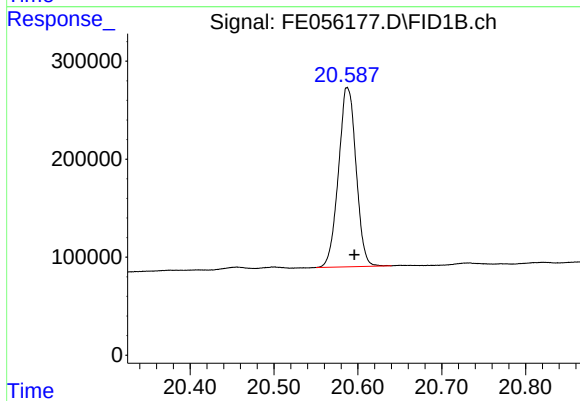
#18 n-Dotriacontane (C32)

R.T.: 19.062 min
Delta R.T.: -0.008 min
Response: 3068065
Conc: 20.56 ug/ml



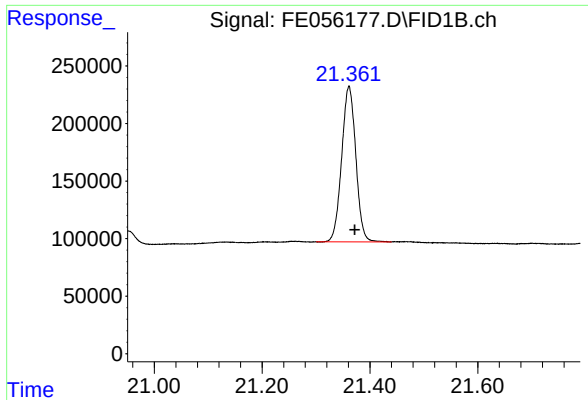
#19 n-Tetratriacontane (C34)

R.T.: 19.846 min
Delta R.T.: -0.009 min
Response: 2941574
Conc: 20.80 ug/ml



#20 n-Hexatriacontane (C36)

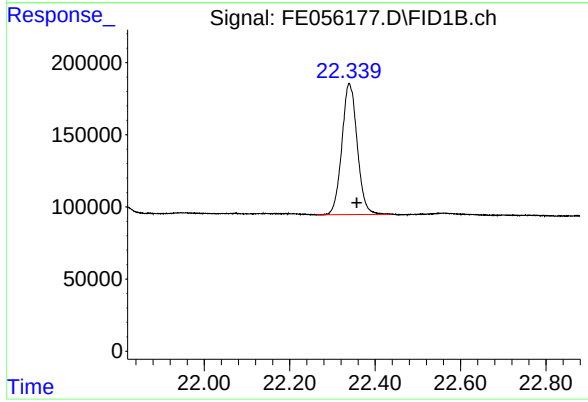
R.T.: 20.588 min
Delta R.T.: -0.008 min
Response: 2660071
Conc: 20.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.361 min
Delta R.T.: -0.011 min
Response: 2459594
Conc: 18.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.339 min
Delta R.T.: -0.017 min
Response: 2264803
Conc: 19.04 ug/ml