

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111725AL\
 Data File : FE056888.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2025 00:12
 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: sample.E
 Quant Time: Nov 18 11:49:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.949	3777753	18.083 ug/ml
Spiked Amount 50.000		Recovery =	36.17%
12) S 1-chlorooctadecane (S...	13.387	2845297	17.660 ug/ml
Spiked Amount 50.000		Recovery =	35.32%
Target Compounds			
1) T n-Nonane (C9)	3.311	3353846	19.968 ug/ml
2) T n-Decane (C10)	4.563	3431175	19.996 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3510098	19.016 ug/ml
4) T n-Dodecane (C12)	6.735	3509575	20.178 ug/ml
5) T A~2-methylnaphthalene...	7.377	3307527	18.663 ug/ml
6) T n-Tetradecane (C14)	8.568	3454244	19.789 ug/ml
7) T n-Hexadecane (C16)	10.179	3521223	19.246 ug/ml
8) T n-Octadecane (C18)	11.626	3529273	18.647 ug/ml
10) T n-Eicosane (C20)	12.939	3349794	17.975 ug/ml
11) T n-Heneicosane (C21)	13.553	3255971	17.707 ug/ml
13) T n-Docosane (C22)	14.140	3225723	17.231 ug/ml
14) T n-Tetracosane (C24)	15.246	3171071	16.190 ug/ml
15) T n-Hexacosane (C26)	16.270	3106718	15.986 ug/ml
16) T n-Octacosane (C28)	17.222	3089608	15.954 ug/ml
17) T n-Tricontane (C30)	18.111	3209156	16.006 ug/ml
18) T n-Dotriacontane (C32)	18.946	3187700	16.210 ug/ml
19) T n-Tetratriacontane (C34)	19.731	3017734	17.483 ug/ml
20) T n-Hexatriacontane (C36)	20.472	2726578	18.849 ug/ml
21) T n-Octatriacontane (C38)	21.220	2662257	21.152 ug/ml
22) T n-Tetracontane (C40)	22.155	2758717	23.861 ug/ml

(f)=RT Delta > 1/2 Window

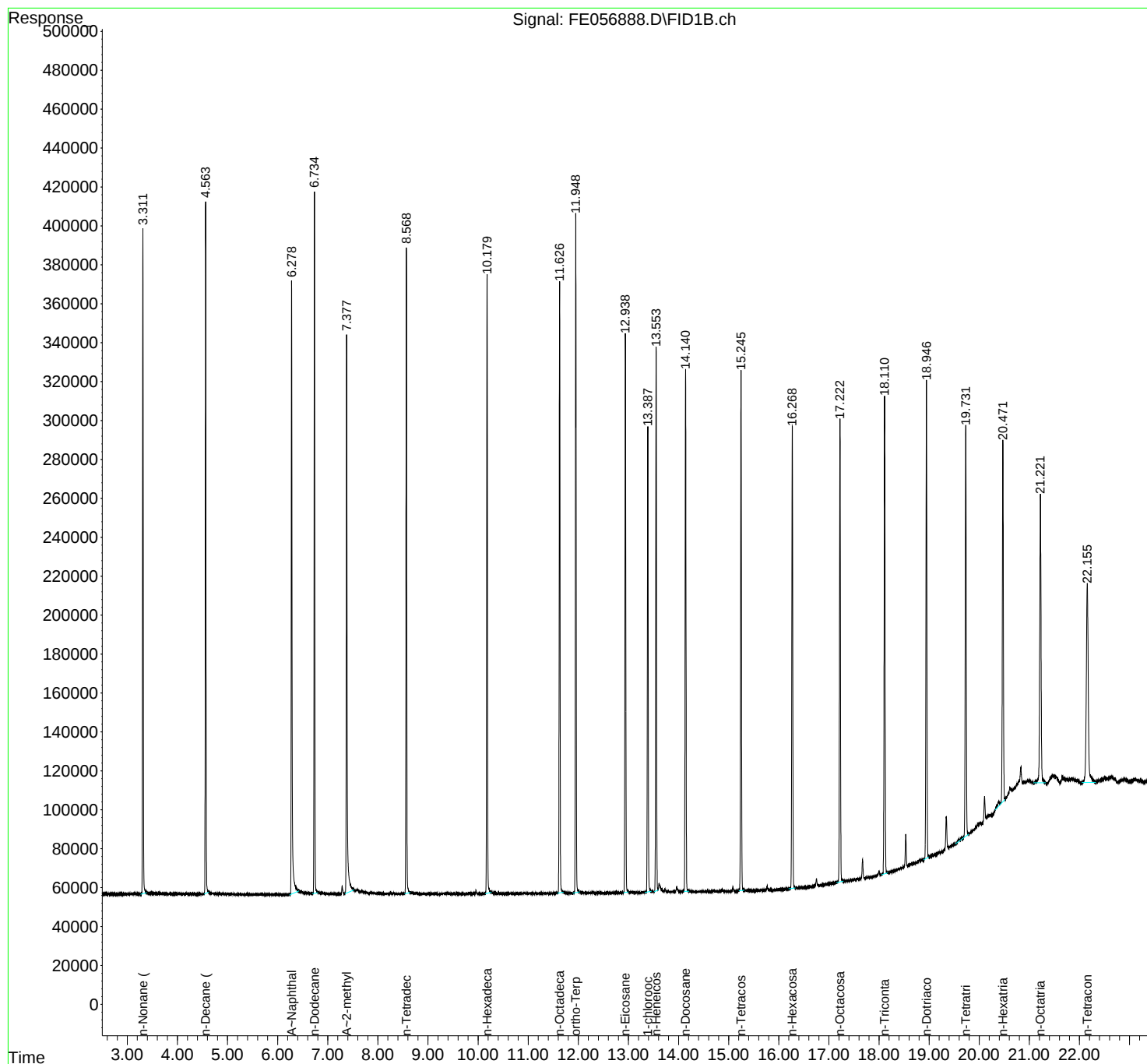
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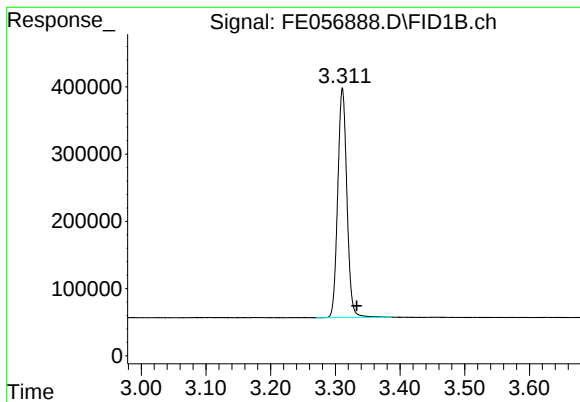
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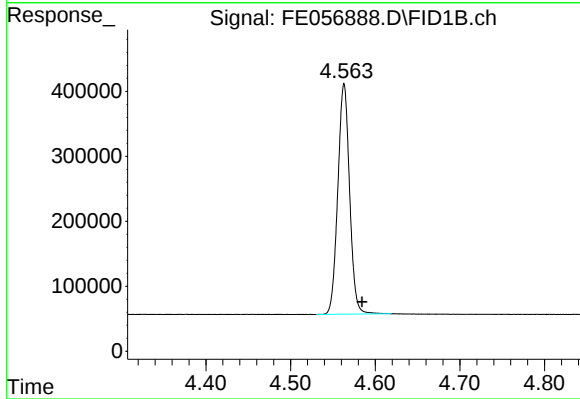




#1 n-Nonane (C9)

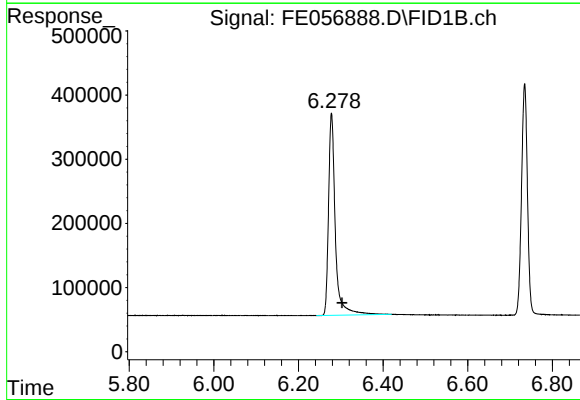
R.T.: 3.311 min
Delta R.T.: -0.022 min
Response: 3353846
Conc: 19.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



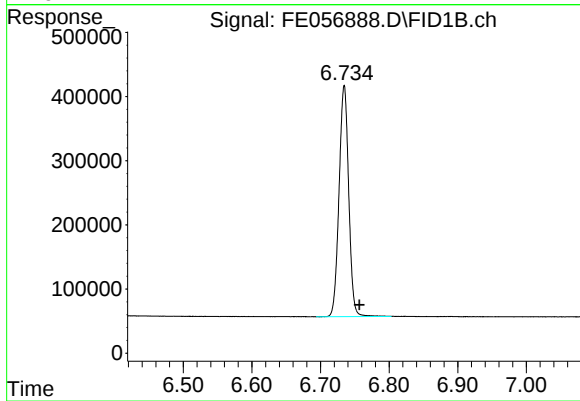
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: -0.021 min
Response: 3431175
Conc: 20.00 ug/ml



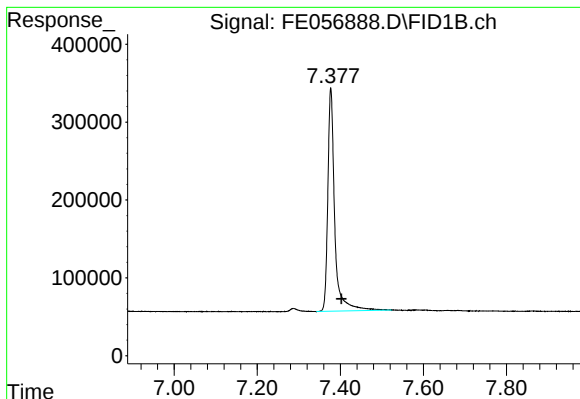
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.025 min
Response: 3510098
Conc: 19.02 ug/ml



#4 n-Dodecane (C12)

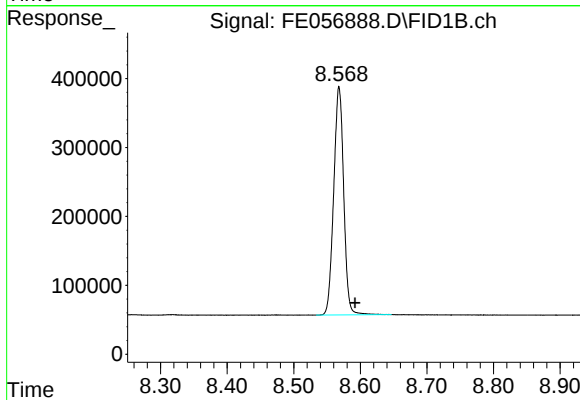
R.T.: 6.735 min
Delta R.T.: -0.022 min
Response: 3509575
Conc: 20.18 ug/ml



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

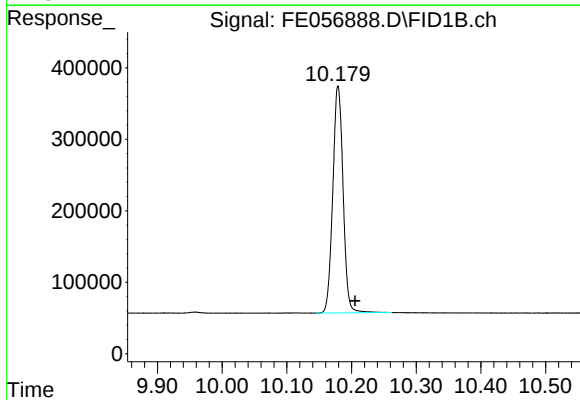
R.T.: 7.377 min
Delta R.T.: -0.026 min
Response: 3307527
Conc: 18.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



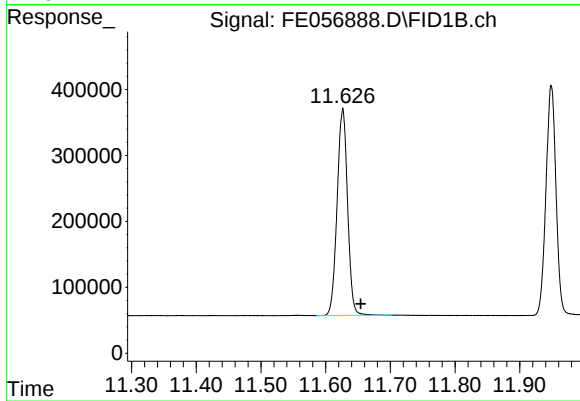
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.024 min
Response: 3454244
Conc: 19.79 ug/ml



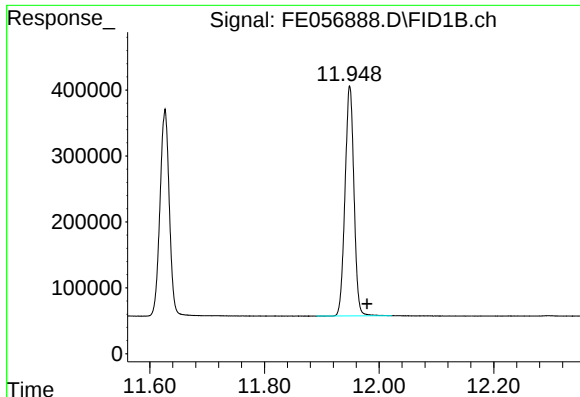
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.026 min
Response: 3521223
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

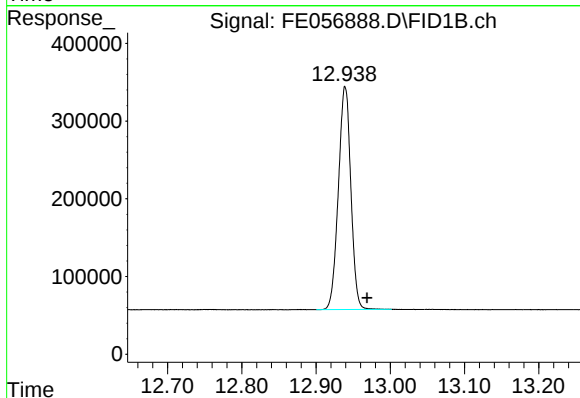
R.T.: 11.626 min
Delta R.T.: -0.028 min
Response: 3529273
Conc: 18.65 ug/ml



#9 ortho-Terphenyl (SURR)

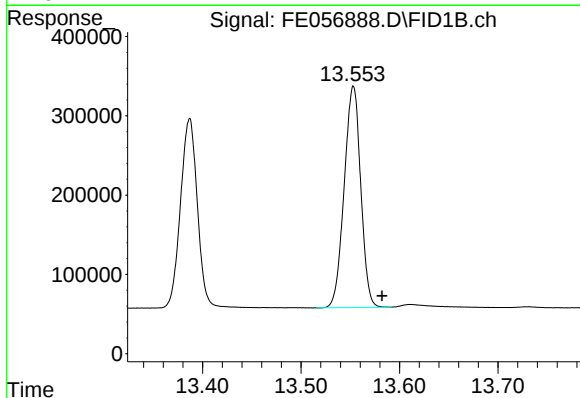
R.T.: 11.949 min
Delta R.T.: -0.030 min
Response: 3777753
Conc: 18.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



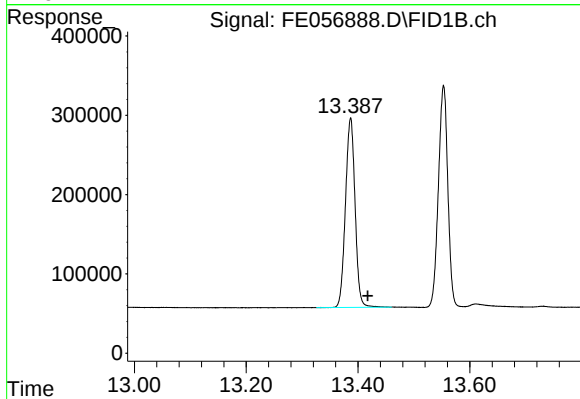
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: -0.030 min
Response: 3349794
Conc: 17.97 ug/ml



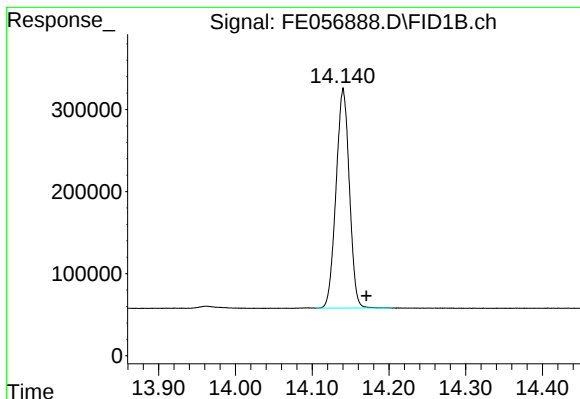
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.029 min
Response: 3255971
Conc: 17.71 ug/ml



#12 1-chlorooctadecane (SURR)

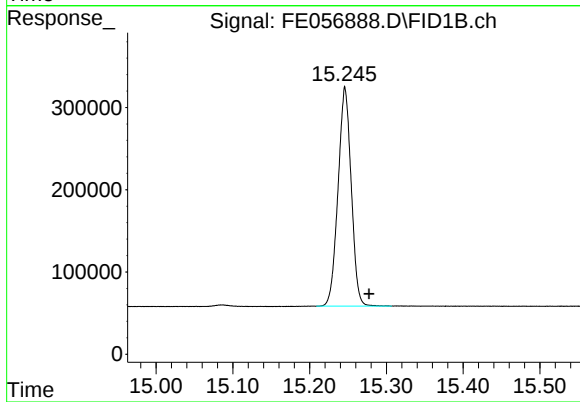
R.T.: 13.387 min
Delta R.T.: -0.031 min
Response: 2845297
Conc: 17.66 ug/ml



#13 n-Docosane (C22)

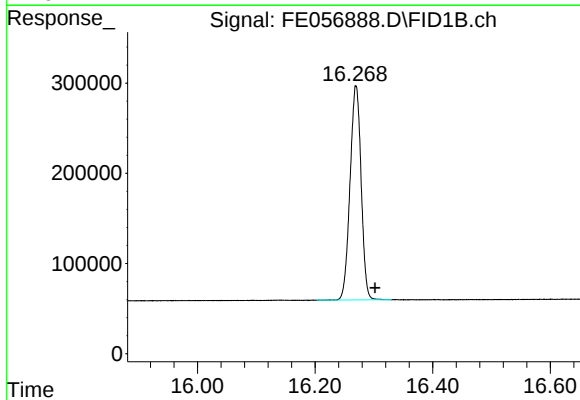
R.T.: 14.140 min
Delta R.T.: -0.030 min
Response: 3225723
Conc: 17.23 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



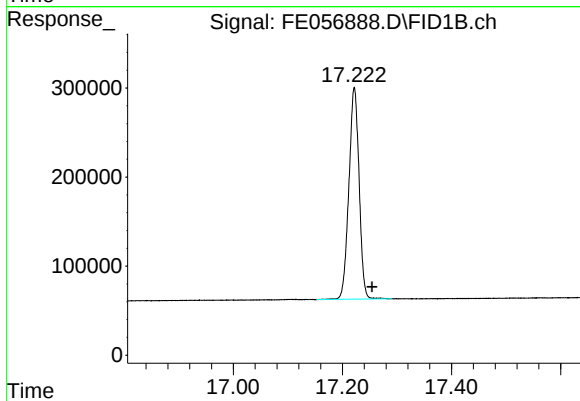
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.031 min
Response: 3171071
Conc: 16.19 ug/ml



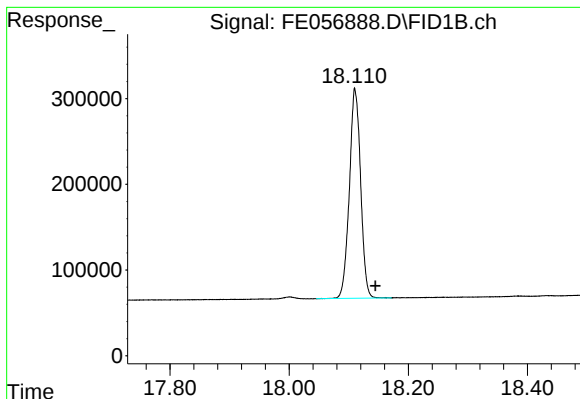
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.032 min
Response: 3106718
Conc: 15.99 ug/ml



#16 n-Octacosane (C28)

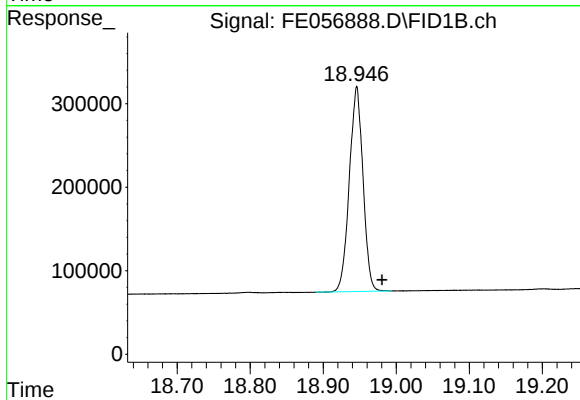
R.T.: 17.222 min
Delta R.T.: -0.033 min
Response: 3089608
Conc: 15.95 ug/ml



#17 n-Tricontane (C30)

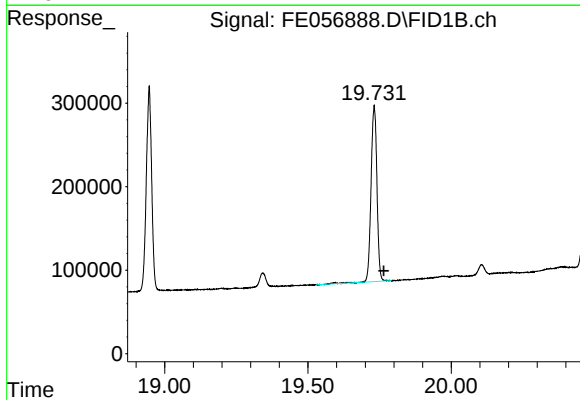
R.T.: 18.111 min
Delta R.T.: -0.034 min
Response: 3209156
Conc: 16.01 ug/ml

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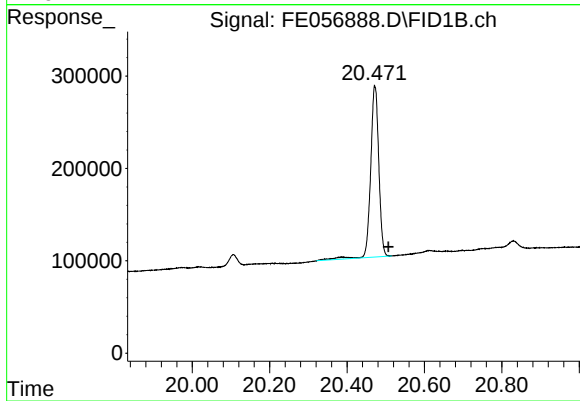
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: -0.035 min
Response: 3187700
Conc: 16.21 ug/ml



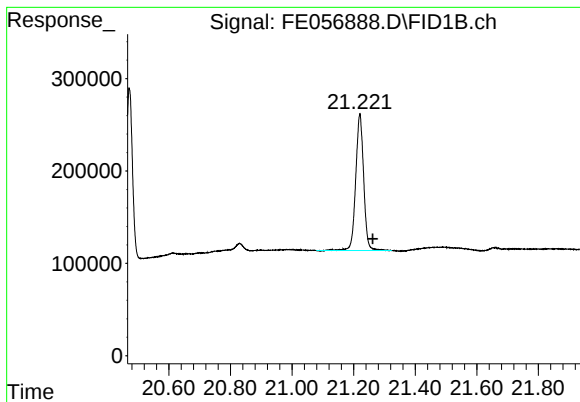
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.034 min
Response: 3017734
Conc: 17.48 ug/ml



#20 n-Hexatriacontane (C36)

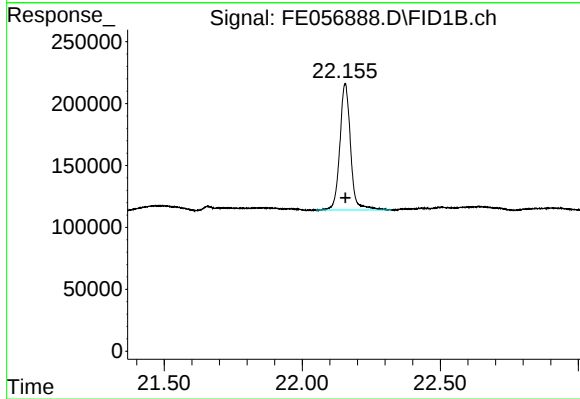
R.T.: 20.472 min
Delta R.T.: -0.035 min
Response: 2726578
Conc: 18.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: -0.042 min
Response: 2662257
Conc: 21.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: -0.002 min
Response: 2758717
Conc: 23.86 ug/ml