

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110625AL\
 Data File : FE056705.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2025 22:10
 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: Nov 07 02:45:34 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)	11.962	4327311	20.713 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
12) S 1-chlorooctadecane (S...	13.401	3271733	20.307 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
Target Compounds			
1) T n-Nonane (C9)	3.319	3508847	20.891 ug/ml
2) T n-Decane (C10)	4.572	3814136	22.228 ug/ml
3) T A~Naphthalene (C11.7)	6.286	3969388	21.504 ug/ml
4) T n-Dodecane (C12)	6.744	3955294	22.741 ug/ml
5) T A~2-methylnaphthalene...	7.386	3814084	21.521 ug/ml
6) T n-Tetradecane (C14)	8.579	3902268	22.356 ug/ml
7) T n-Hexadecane (C16)	10.192	4002354	21.876 ug/ml
8) T n-Octadecane (C18)	11.640	4037005	21.329 ug/ml
10) T n-Eicosane (C20)	12.953	3837925	20.594 ug/ml
11) T n-Heneicosane (C21)	13.567	3736014	20.317 ug/ml
13) T n-Docosane (C22)	14.155	3708165	19.808 ug/ml
14) T n-Tetracosane (C24)	15.261	3623694	18.501 ug/ml
15) T n-Hexacosane (C26)	16.285	3540928	18.220 ug/ml
16) T n-Octacosane (C28)	17.238	3534886	18.253 ug/ml
17) T n-Tricontane (C30)	18.128	3842407	19.164 ug/ml
18) T n-Dotriacontane (C32)	18.963	4147475	21.091 ug/ml
19) T n-Tetratriacontane (C34)	19.748	3906588	22.632 ug/ml
20) T n-Hexatriacontane (C36)	20.490	3524715	24.366 ug/ml
21) T n-Octatriacontane (C38)	21.240	2828049	22.470 ug/ml
22) T n-Tetracontane (C40)	22.180	3007276	26.011 ug/ml

(f)=RT Delta > 1/2 Window

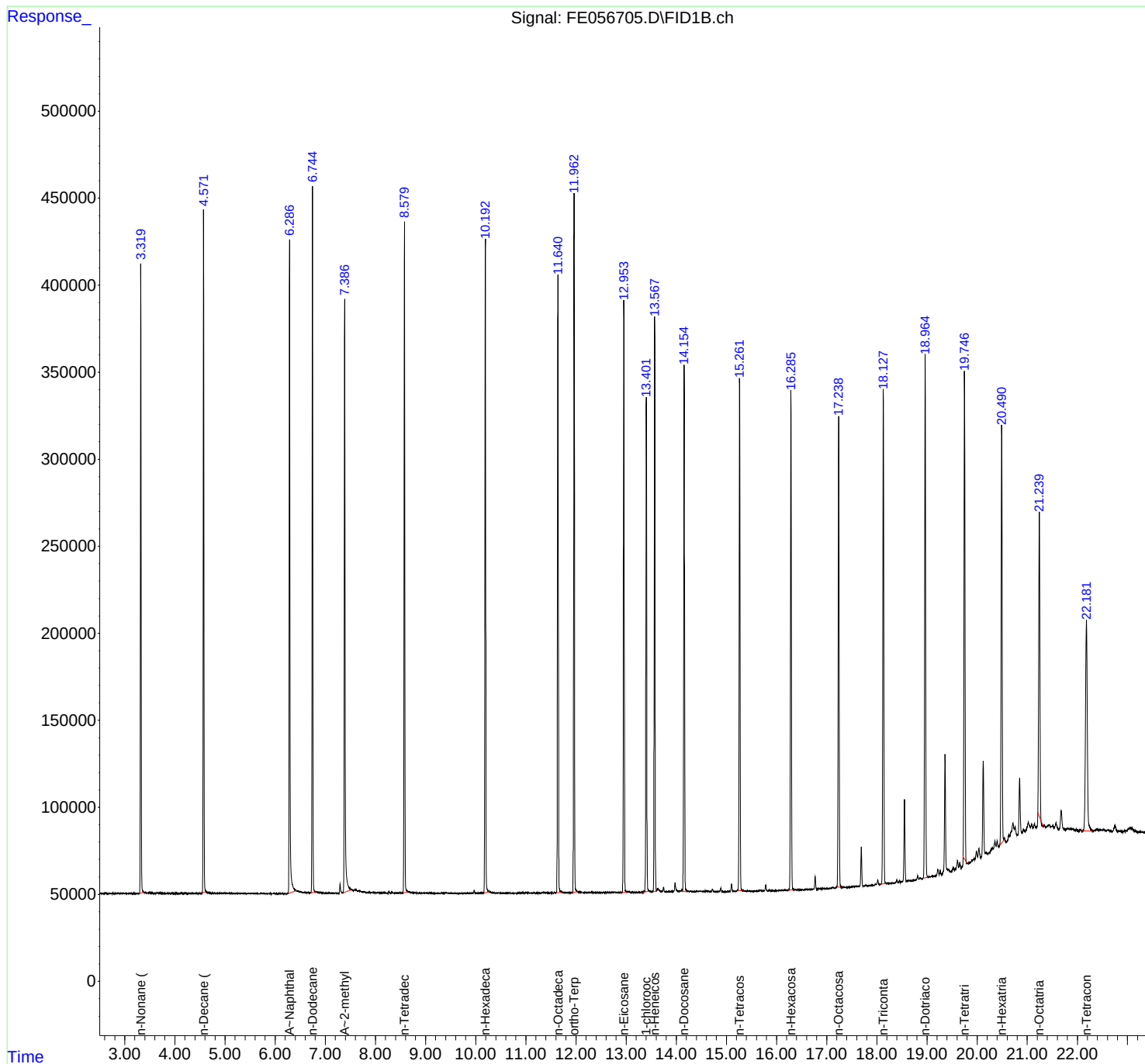
(m)=manual int.

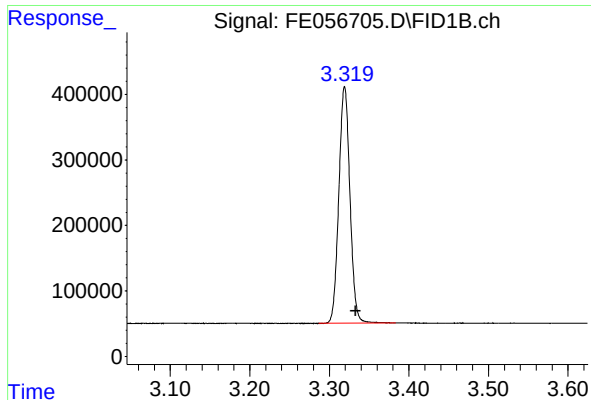
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110625AL\
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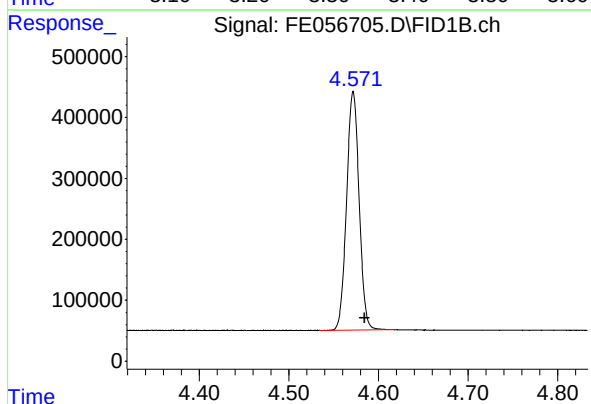




#1 n-Nonane (C9)

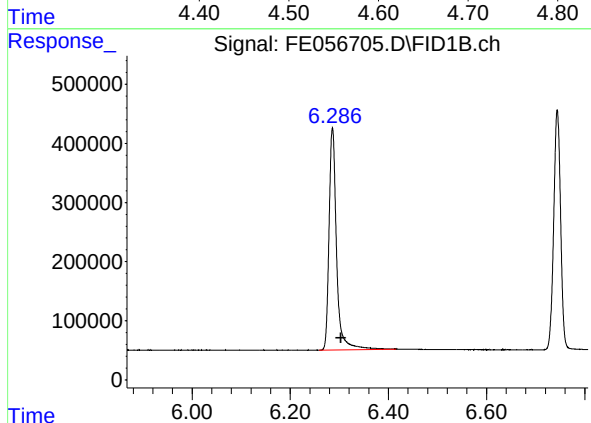
R.T.: 3.319 min
Delta R.T.: -0.014 min
Response: 3508847
Conc: 20.89 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



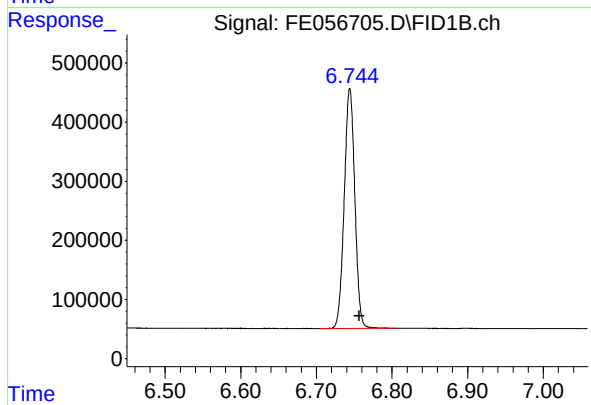
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.013 min
Response: 3814136
Conc: 22.23 ug/ml



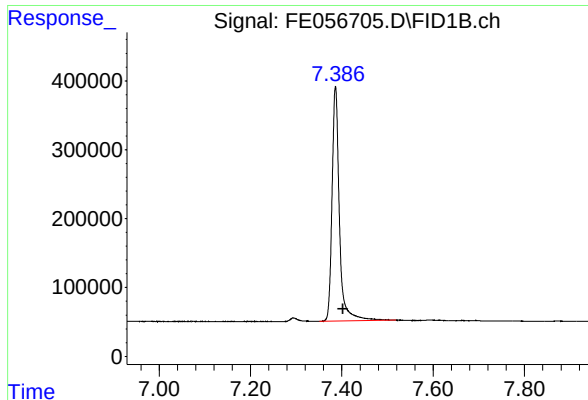
#3 A~Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: -0.017 min
Response: 3969388
Conc: 21.50 ug/ml



#4 n-Dodecane (C12)

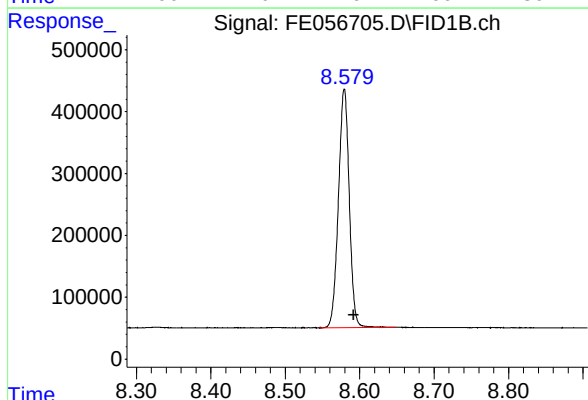
R.T.: 6.744 min
Delta R.T.: -0.013 min
Response: 3955294
Conc: 22.74 ug/ml



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

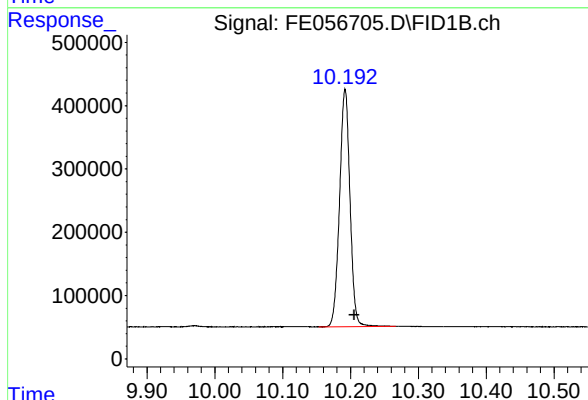
R.T.: 7.386 min
Delta R.T.: -0.017 min
Response: 3814084
Conc: 21.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



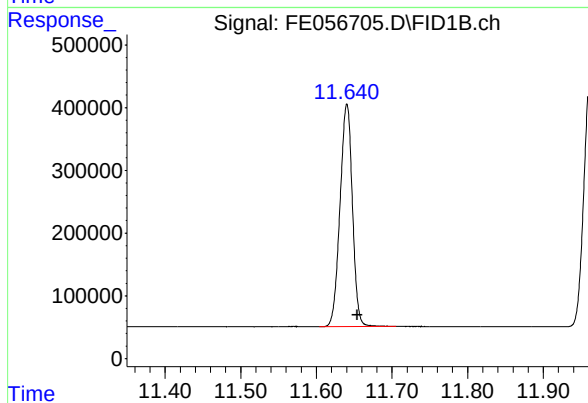
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.013 min
Response: 3902268
Conc: 22.36 ug/ml



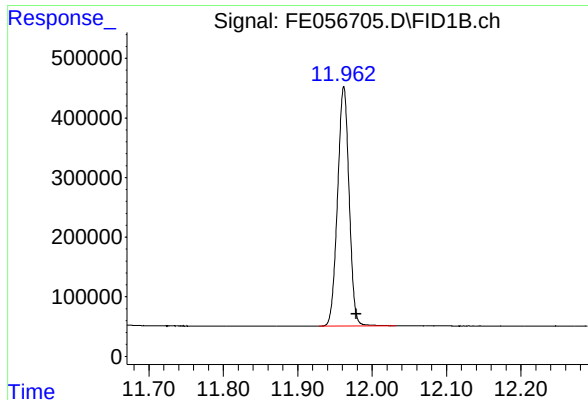
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.014 min
Response: 4002354
Conc: 21.88 ug/ml



#8 n-Octadecane (C18)

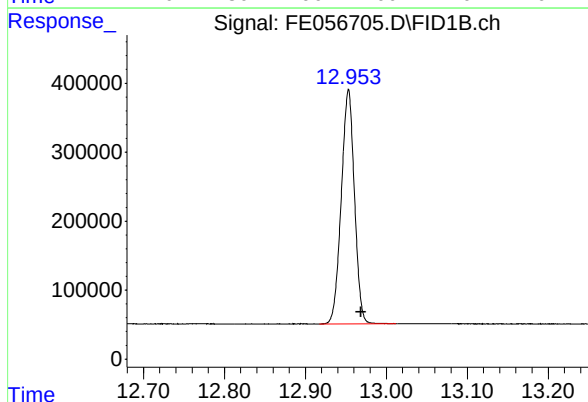
R.T.: 11.640 min
Delta R.T.: -0.014 min
Response: 4037005
Conc: 21.33 ug/ml



#9 ortho-Terphenyl (SURR)

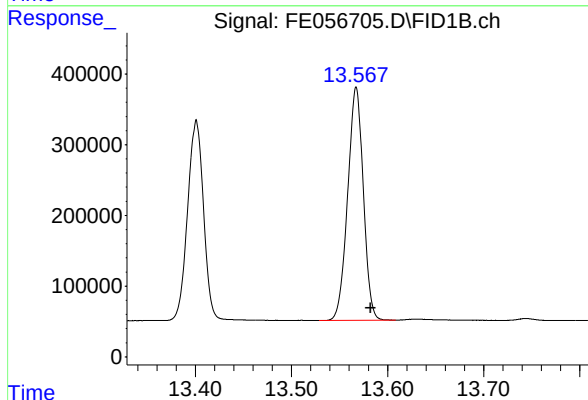
R.T.: 11.962 min
Delta R.T.: -0.017 min
Response: 4327311
Conc: 20.71 ug/ml

Instrument :
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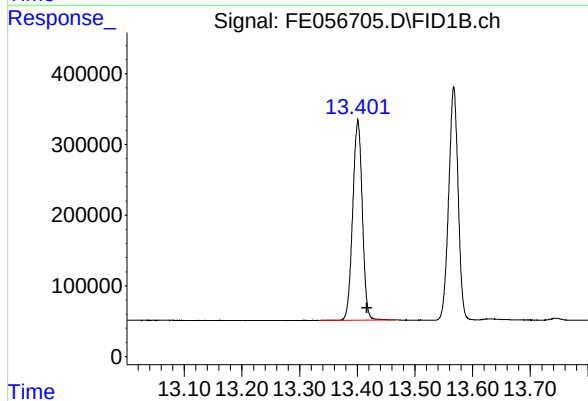
#10 n-Eicosane (C20)

R.T.: 12.953 min
Delta R.T.: -0.016 min
Response: 3837925
Conc: 20.59 ug/ml



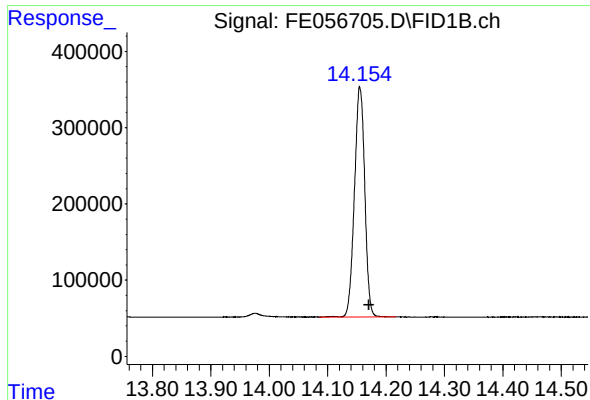
#11 n-Heneicosane (C21)

R.T.: 13.567 min
Delta R.T.: -0.015 min
Response: 3736014
Conc: 20.32 ug/ml



#12 1-chlorooctadecane (SURR)

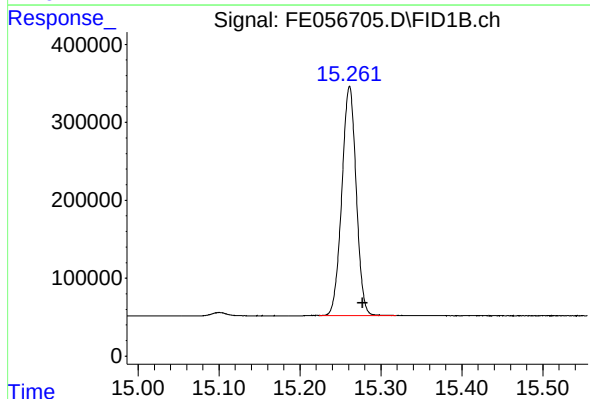
R.T.: 13.401 min
Delta R.T.: -0.016 min
Response: 3271733
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

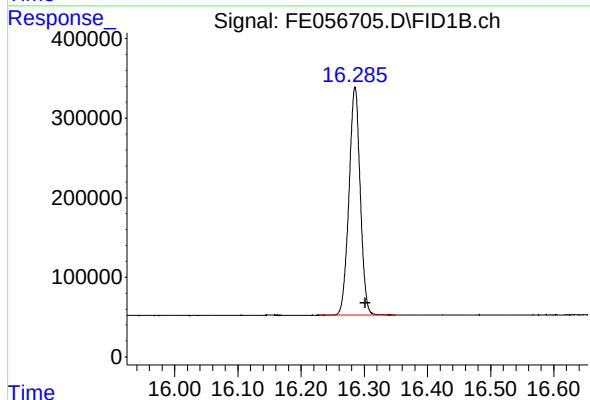
R.T.: 14.155 min
Delta R.T.: -0.015 min
Response: 3708165
Conc: 19.81 ug/ml

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20 PPM ALIPHATIC HC STD



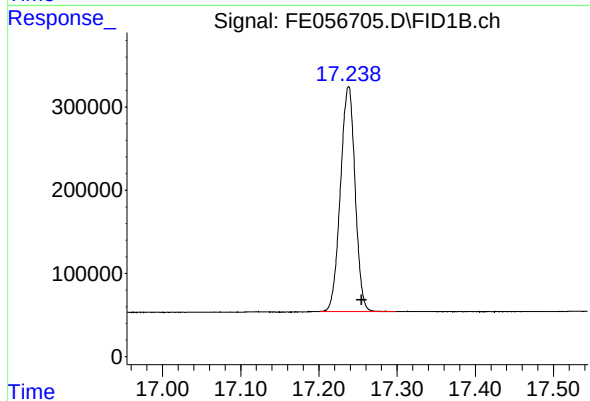
#14 n-Tetracosane (C24)

R.T.: 15.261 min
Delta R.T.: -0.016 min
Response: 3623694
Conc: 18.50 ug/ml



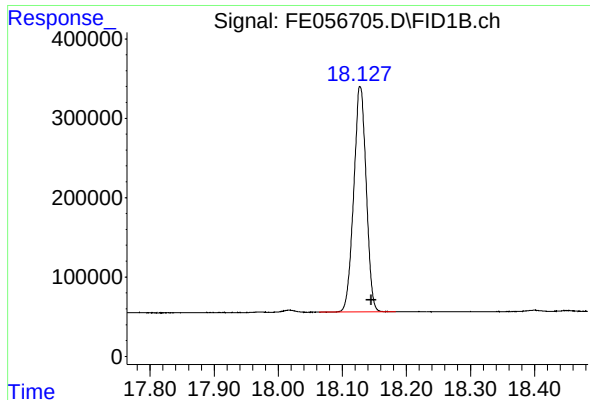
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: -0.017 min
Response: 3540928
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

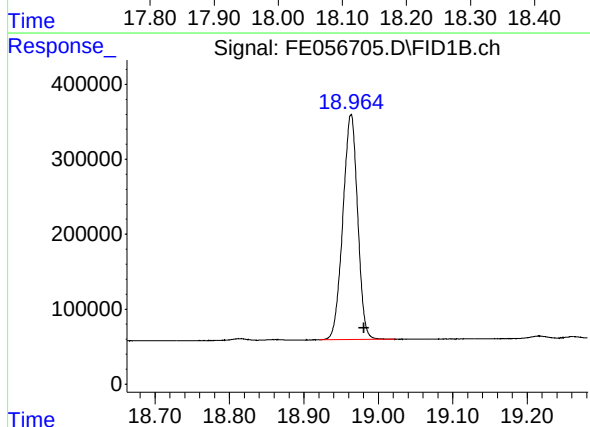
R.T.: 17.238 min
Delta R.T.: -0.017 min
Response: 3534886
Conc: 18.25 ug/ml



#17 n-Tricontane (C30)

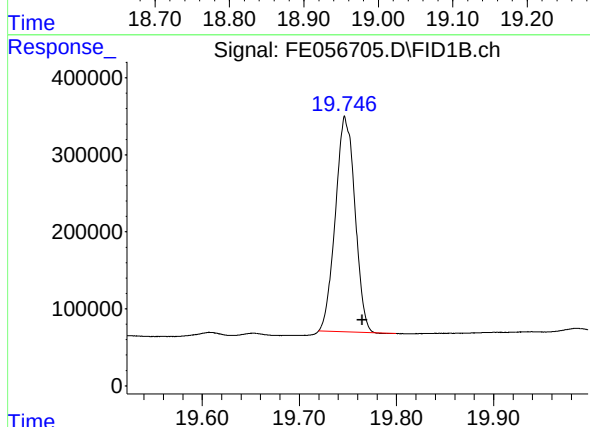
R.T.: 18.128 min
Delta R.T.: -0.017 min
Response: 3842407
Conc: 19.16 ug/ml

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20 PPM ALIPHATIC HC STD



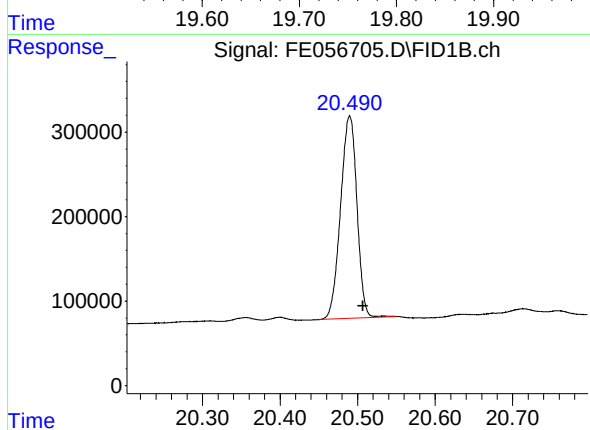
#18 n-Dotriacontane (C32)

R.T.: 18.963 min
Delta R.T.: -0.017 min
Response: 4147475
Conc: 21.09 ug/ml



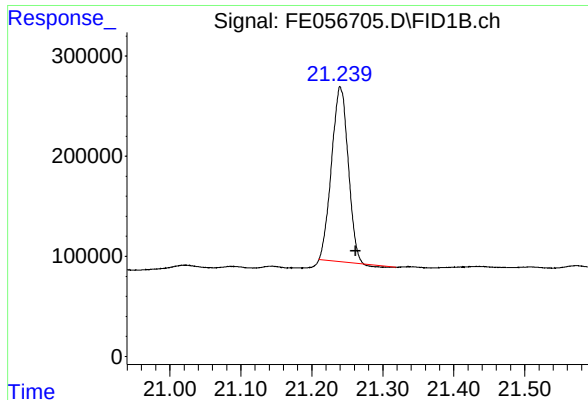
#19 n-Tetratriacontane (C34)

R.T.: 19.748 min
Delta R.T.: -0.017 min
Response: 3906588
Conc: 22.63 ug/ml



#20 n-Hexatriacontane (C36)

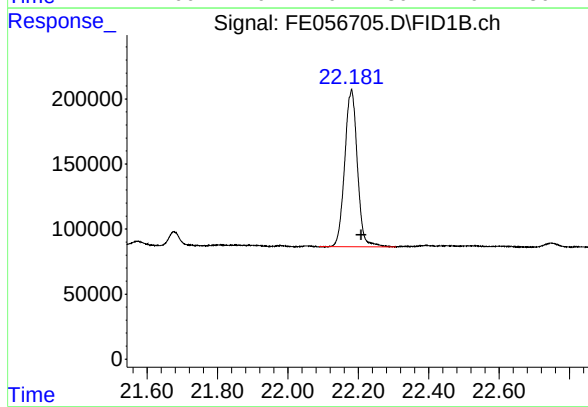
R.T.: 20.490 min
Delta R.T.: -0.017 min
Response: 3524715
Conc: 24.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: -0.021 min
Response: 2828049
Conc: 22.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.180 min
Delta R.T.: -0.029 min
Response: 3007276
Conc: 26.01 ug/ml