

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
 Data File : FE056763.D
 Signal(s) : FID1B.ch
 Acq On : 12 Nov 2025 08:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 12 10:08:14 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)	11.955	4197259	20.091 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	13.392	3180357	19.739 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
Target Compounds			
1) T n-Nonane (C9)	3.318	3612863	21.510 ug/ml
2) T n-Decane (C10)	4.569	3783477	22.049 ug/ml
3) T A~Naphthalene (C11.7)	6.283	3898318	21.119 ug/ml
4) T n-Dodecane (C12)	6.740	3880983	22.313 ug/ml
5) T A~2-methylnaphthalene...	7.382	3711720	20.944 ug/ml
6) T n-Tetradecane (C14)	8.573	3822829	21.901 ug/ml
7) T n-Hexadecane (C16)	10.185	3911719	21.381 ug/ml
8) T n-Octadecane (C18)	11.632	3929457	20.761 ug/ml
10) T n-Eicosane (C20)	12.945	3742354	20.081 ug/ml
11) T n-Heneicosane (C21)	13.558	3646291	19.830 ug/ml
13) T n-Docosane (C22)	14.145	3641054	19.450 ug/ml
14) T n-Tetracosane (C24)	15.252	3689258	18.836 ug/ml
15) T n-Hexacosane (C26)	16.275	3614719	18.600 ug/ml
16) T n-Octacosane (C28)	17.227	3619650	18.691 ug/ml
17) T n-Tricontane (C30)	18.116	3778838	18.847 ug/ml
18) T n-Dotriacontane (C32)	18.951	3792799	19.287 ug/ml
19) T n-Tetratriacontane (C34)	19.736	3478470	20.152 ug/ml
20) T n-Hexatriacontane (C36)	20.478	3034286	20.976 ug/ml
21) T n-Octatriacontane (C38)	21.227	2859766	22.722 ug/ml
22) T n-Tetracontane (C40)	22.164	2813293	24.334 ug/ml

(f)=RT Delta > 1/2 Window

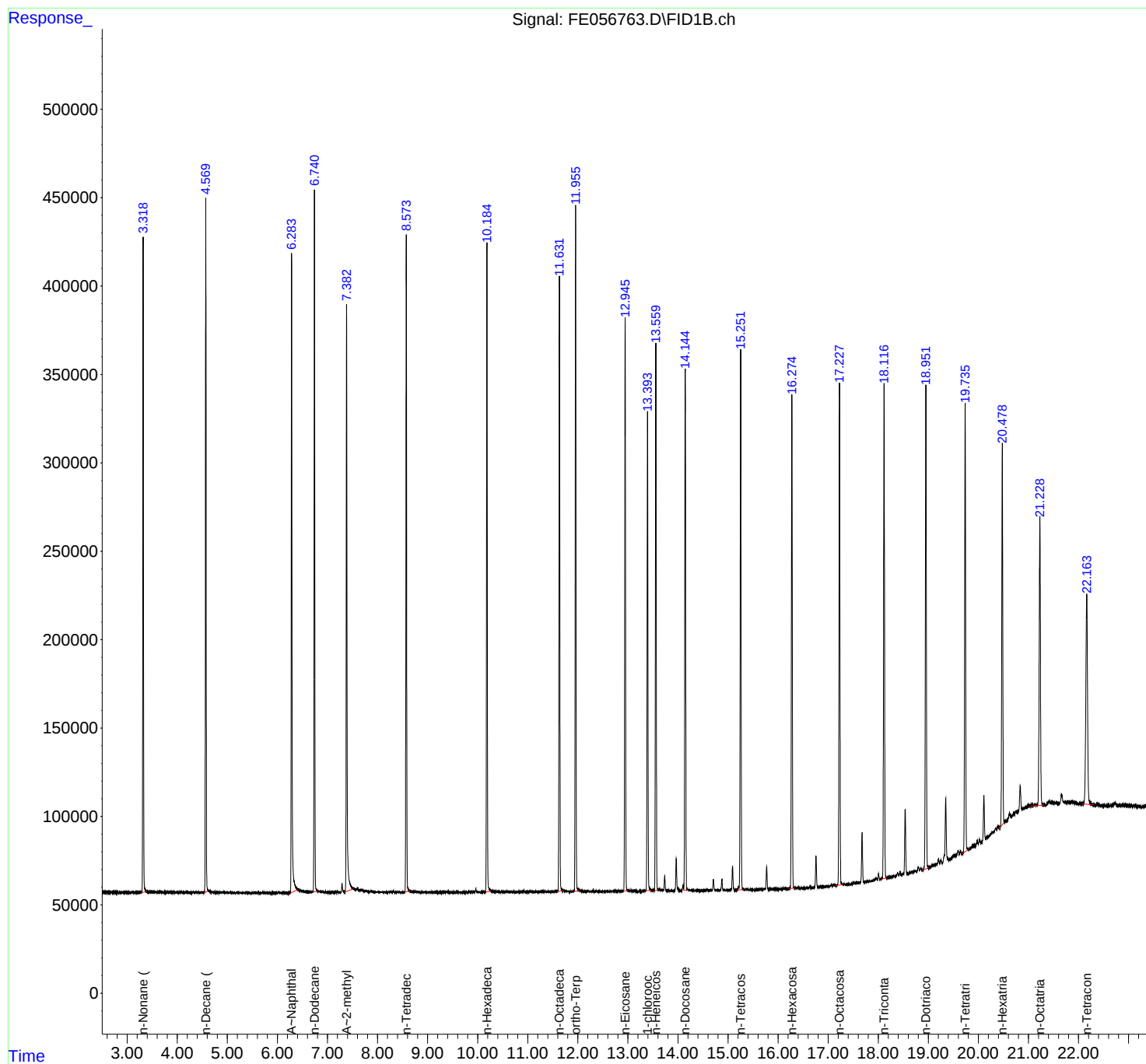
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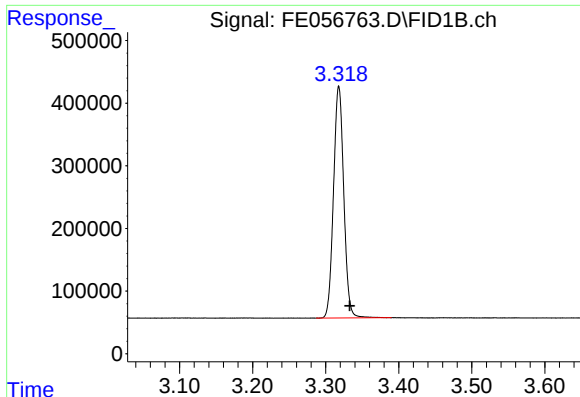
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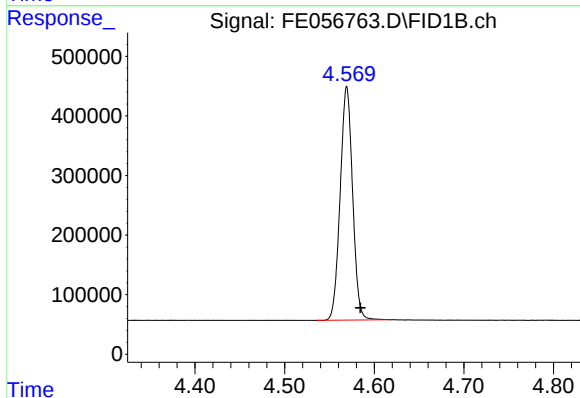




#1 n-Nonane (C9)

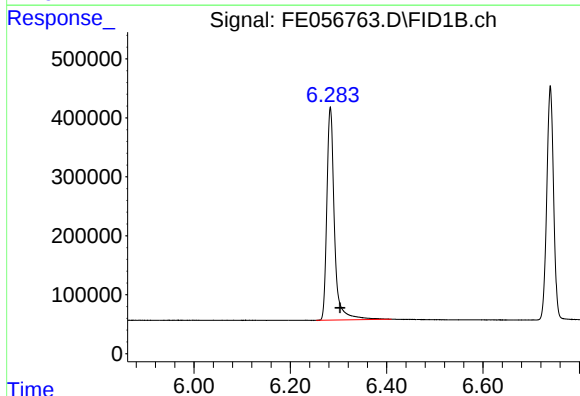
R.T.: 3.318 min
Delta R.T.: -0.015 min
Response: 3612863
Conc: 21.51 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



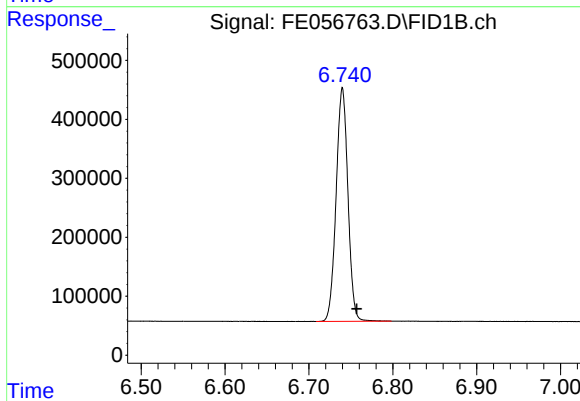
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.015 min
Response: 3783477
Conc: 22.05 ug/ml



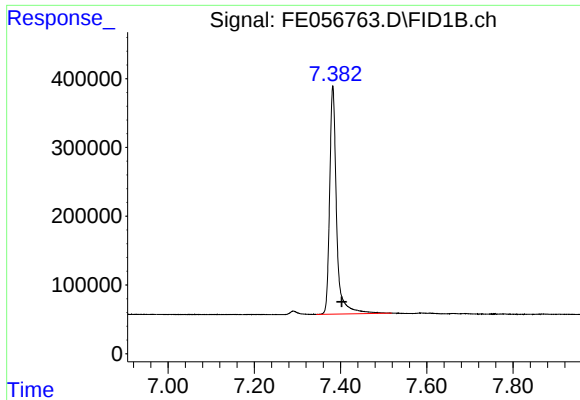
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: -0.020 min
Response: 3898318
Conc: 21.12 ug/ml



#4 n-Dodecane (C12)

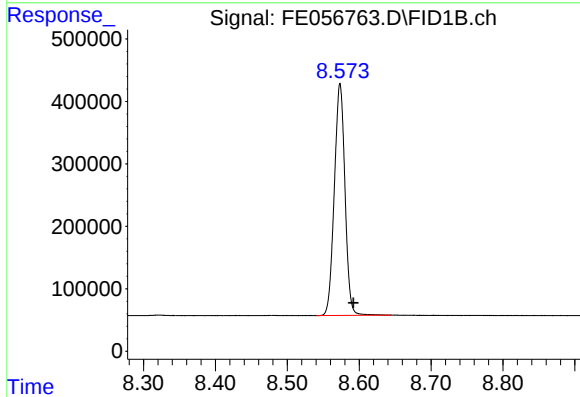
R.T.: 6.740 min
Delta R.T.: -0.017 min
Response: 3880983
Conc: 22.31 ug/ml



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

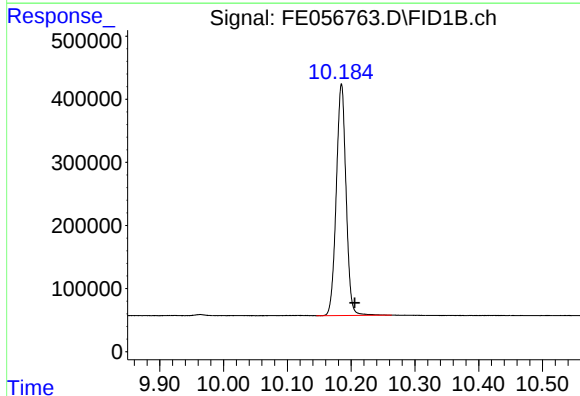
R.T.: 7.382 min
Delta R.T.: -0.021 min
Response: 3711720
Conc: 20.94 ug/ml

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20 PPM ALIPHATIC HC STD



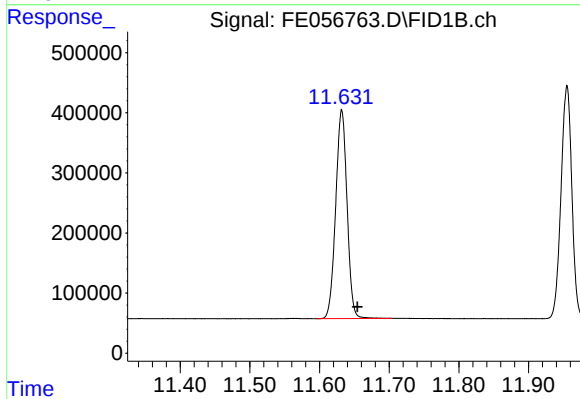
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.019 min
Response: 3822829
Conc: 21.90 ug/ml



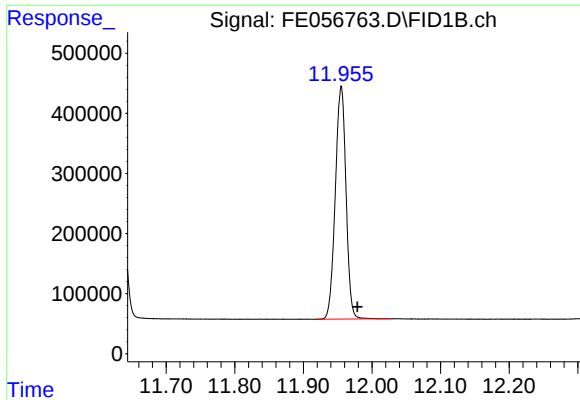
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.021 min
Response: 3911719
Conc: 21.38 ug/ml



#8 n-Octadecane (C18)

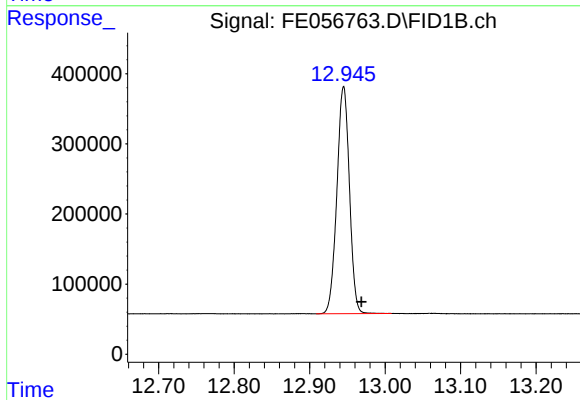
R.T.: 11.632 min
Delta R.T.: -0.023 min
Response: 3929457
Conc: 20.76 ug/ml



#9 ortho-Terphenyl (SURR)

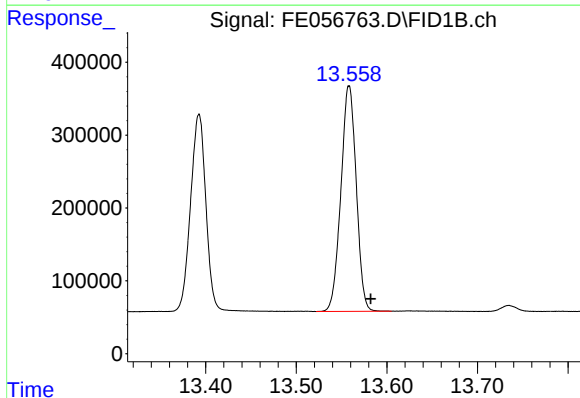
R.T.: 11.955 min
Delta R.T.: -0.024 min
Response: 4197259
Conc: 20.09 ug/ml

Instrument :
FID_E
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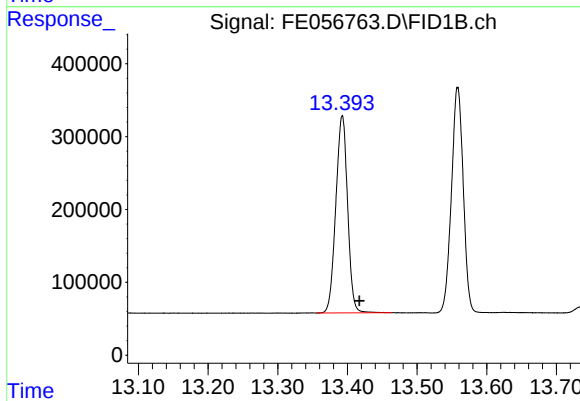
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: -0.024 min
Response: 3742354
Conc: 20.08 ug/ml



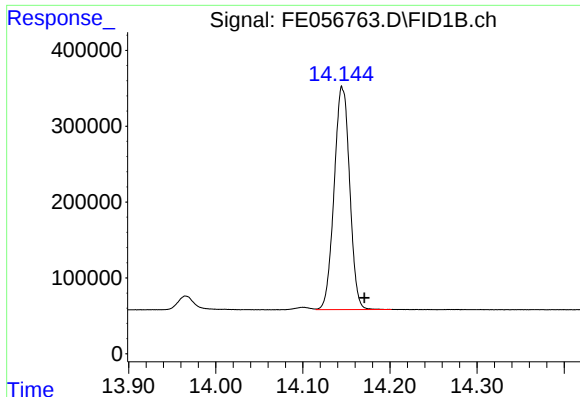
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.024 min
Response: 3646291
Conc: 19.83 ug/ml



#12 1-chlorooctadecane (SURR)

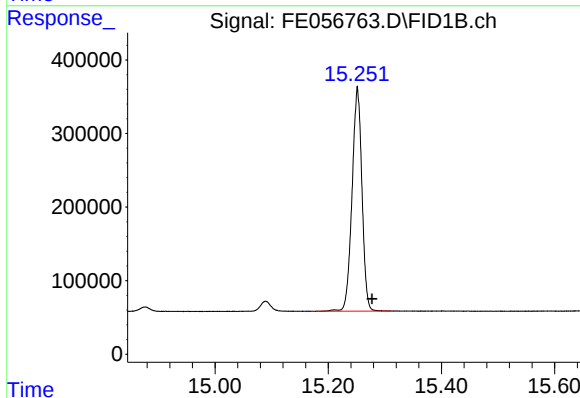
R.T.: 13.392 min
Delta R.T.: -0.025 min
Response: 3180357
Conc: 19.74 ug/ml



#13 n-Docosane (C22)

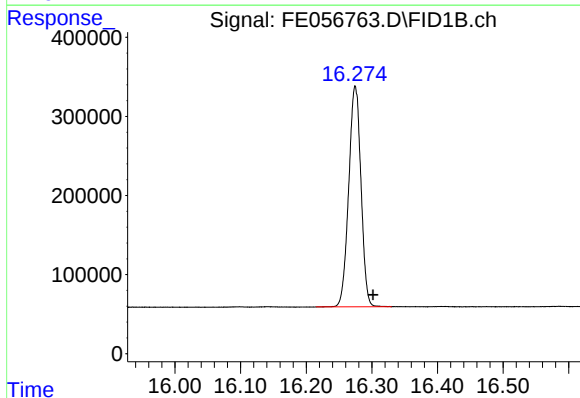
R.T.: 14.145 min
Delta R.T.: -0.025 min
Response: 3641054
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



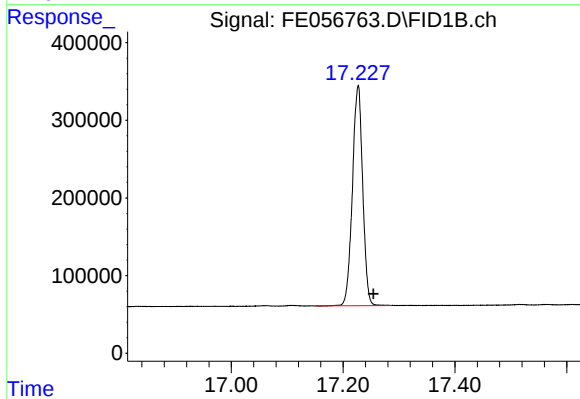
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: -0.026 min
Response: 3689258
Conc: 18.84 ug/ml



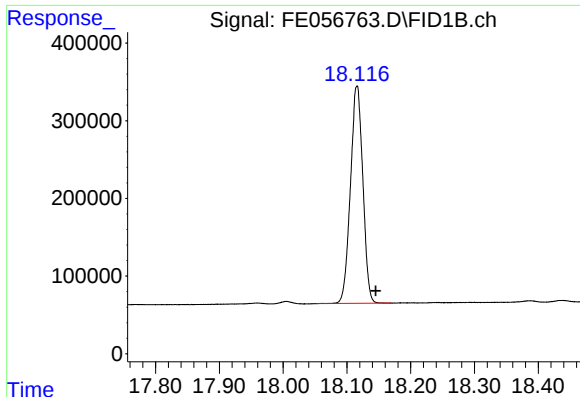
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.027 min
Response: 3614719
Conc: 18.60 ug/ml



#16 n-Octacosane (C28)

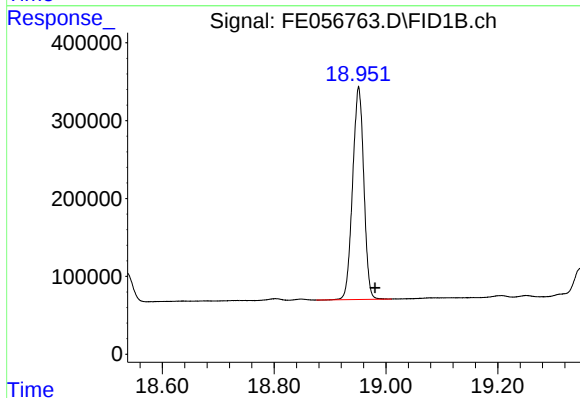
R.T.: 17.227 min
Delta R.T.: -0.028 min
Response: 3619650
Conc: 18.69 ug/ml



#17 n-Tricontane (C30)

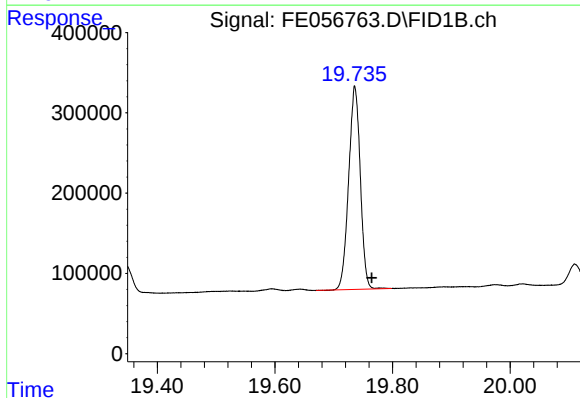
R.T.: 18.116 min
Delta R.T.: -0.029 min
Response: 3778838
Conc: 18.85 ug/ml

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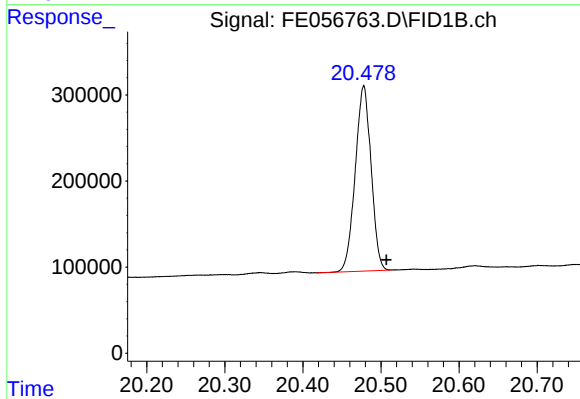
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.029 min
Response: 3792799
Conc: 19.29 ug/ml



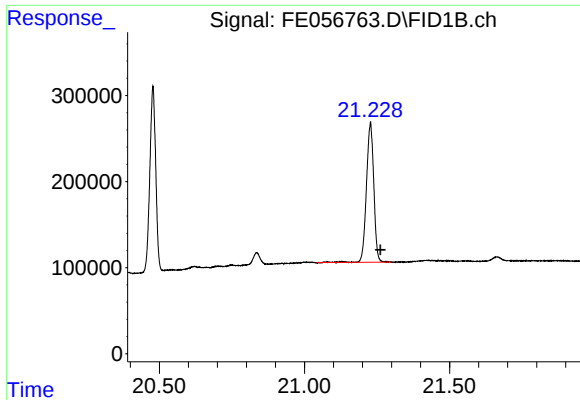
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: -0.029 min
Response: 3478470
Conc: 20.15 ug/ml



#20 n-Hexatriacontane (C36)

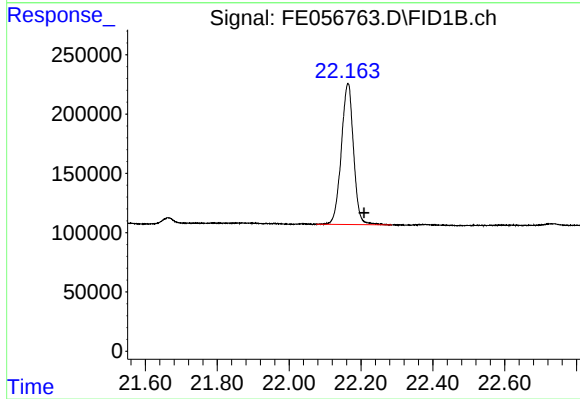
R.T.: 20.478 min
Delta R.T.: -0.029 min
Response: 3034286
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: -0.035 min
Response: 2859766
Conc: 22.72 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.164 min
Delta R.T.: -0.045 min
Response: 2813293
Conc: 24.33 ug/ml