

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120225AL\
 Data File : FE057122.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2025 13:24
 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: autoint1.e
 Quant Time: Dec 03 00:47:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.943	4878153	22.230 ug/ml
Spiked Amount 50.000		Recovery =	44.46%
12) S 1-chlorooctadecane (S...	13.382	3670954	22.057 ug/ml
Spiked Amount 50.000		Recovery =	44.11%
Target Compounds			
1) T n-Nonane (C9)	3.298	4441825	22.707 ug/ml
2) T n-Decane (C10)	4.551	4549849	22.495 ug/ml
3) T A~Naphthalene (C11.7)	6.269	4613115	22.913 ug/ml
4) T n-Dodecane (C12)	6.725	4600511	22.541 ug/ml
5) T A~2-methylnaphthalene...	7.369	4327441	22.521 ug/ml
6) T n-Tetradecane (C14)	8.559	4524187	22.477 ug/ml
7) T n-Hexadecane (C16)	10.172	4588068	22.373 ug/ml
8) T n-Octadecane (C18)	11.620	4582246	22.232 ug/ml
10) T n-Eicosane (C20)	12.934	4336206	22.044 ug/ml
11) T n-Heneicosane (C21)	13.548	4228681	22.010 ug/ml
13) T n-Docosane (C22)	14.136	4182485	21.666 ug/ml
14) T n-Tetracosane (C24)	15.242	4128692	20.846 ug/ml
15) T n-Hexacosane (C26)	16.267	4060611	20.468 ug/ml
16) T n-Octacosane (C28)	17.219	4019885	19.561 ug/ml
17) T n-Tricontane (C30)	18.109	4099678	18.267 ug/ml
18) T n-Dotriacontane (C32)	18.944	4016125	17.204 ug/ml
19) T n-Tetratriacontane (C34)	19.730	3839622	17.977 ug/ml
20) T n-Hexatriacontane (C36)	20.473	3564689	19.152 ug/ml
21) T n-Octatriacontane (C38)	21.222	3374906	19.474 ug/ml
22) T n-Tetracontane (C40)	22.158	3448206	20.462 ug/ml

(f)=RT Delta > 1/2 Window

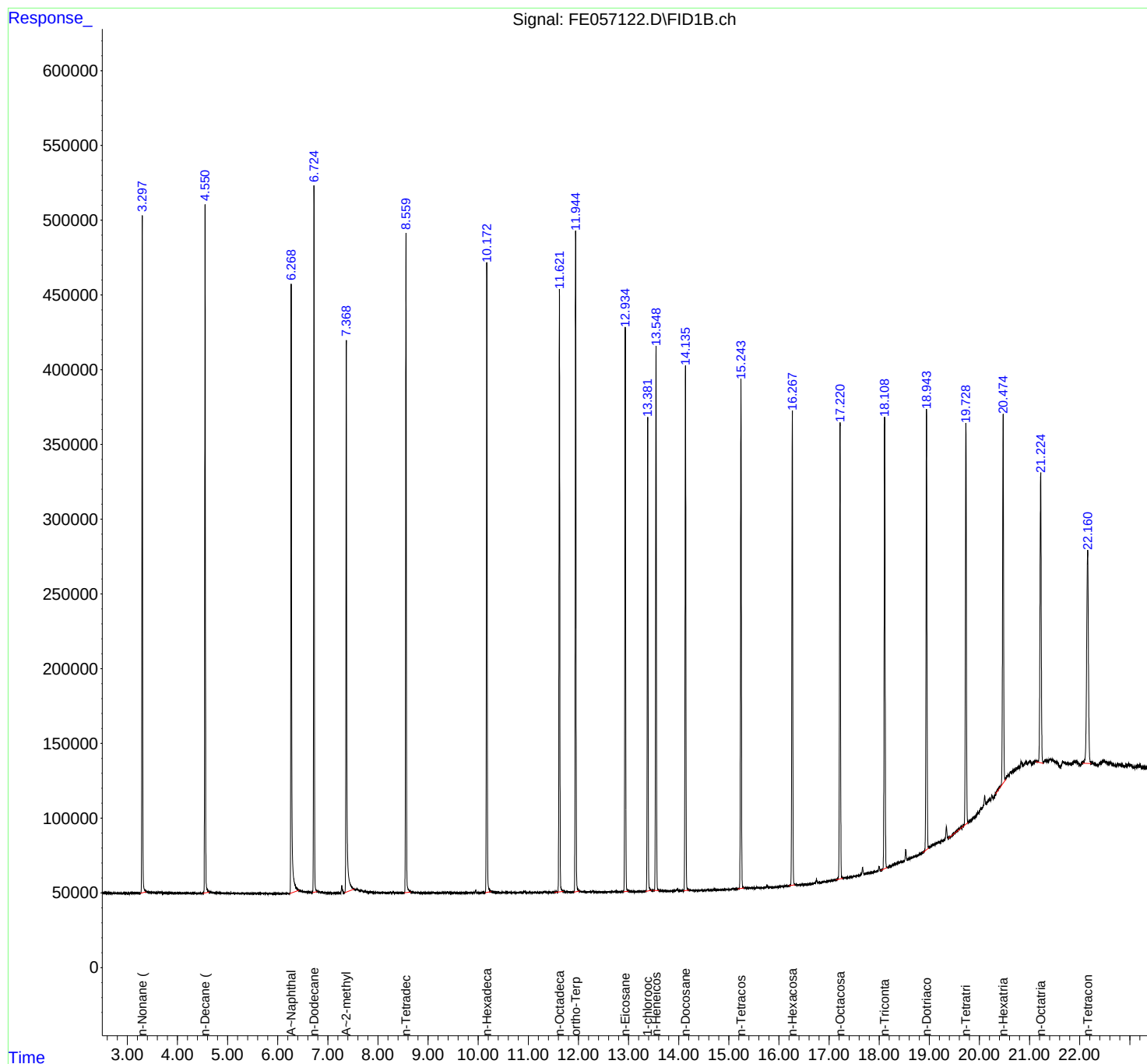
(m)=manual int.

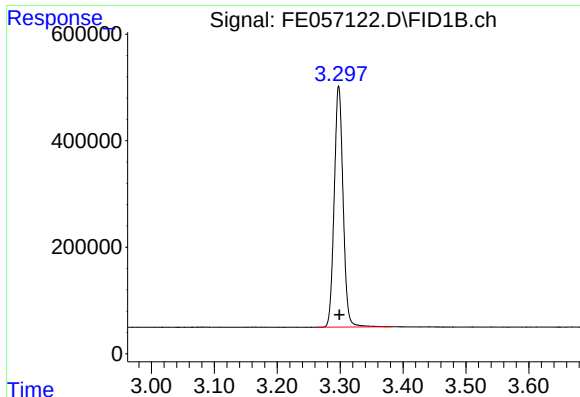
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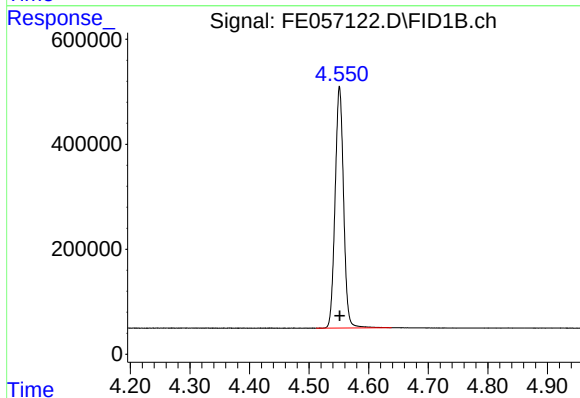




#1 n-Nonane (C9)

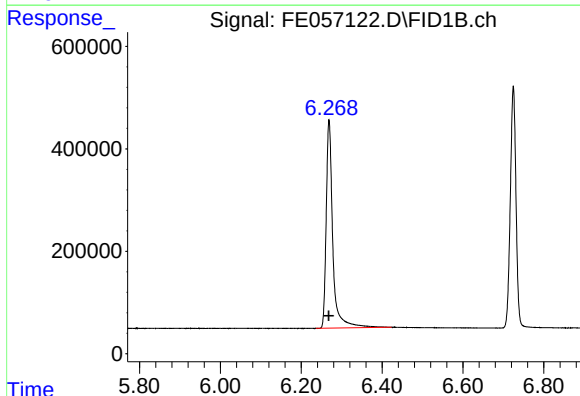
R.T.: 3.298 min
Delta R.T.: -0.001 min
Response: 4441825
Conc: 22.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



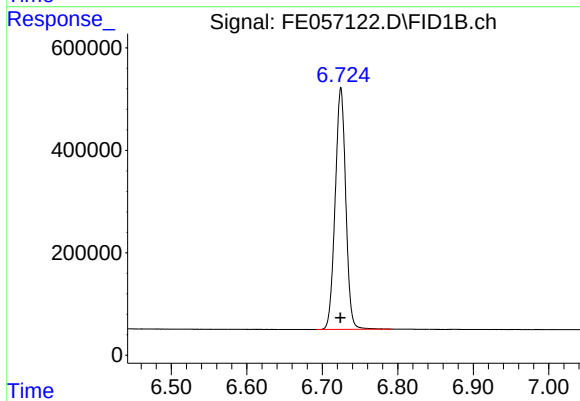
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 4549849
Conc: 22.50 ug/ml



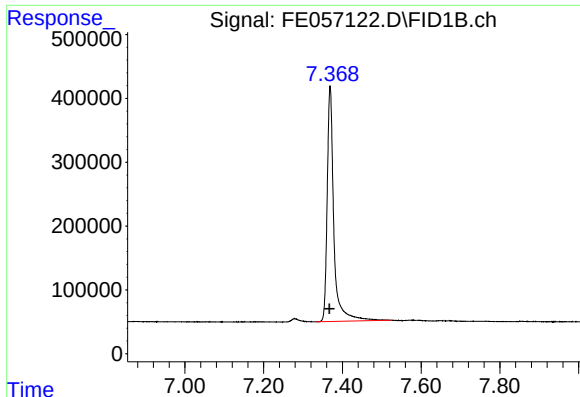
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 4613115
Conc: 22.91 ug/ml



#4 n-Dodecane (C12)

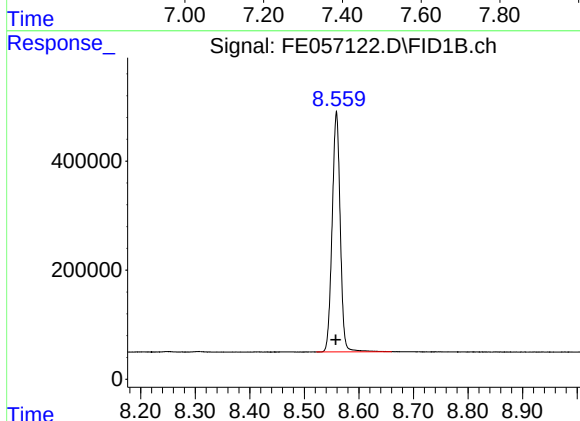
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 4600511
Conc: 22.54 ug/ml



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

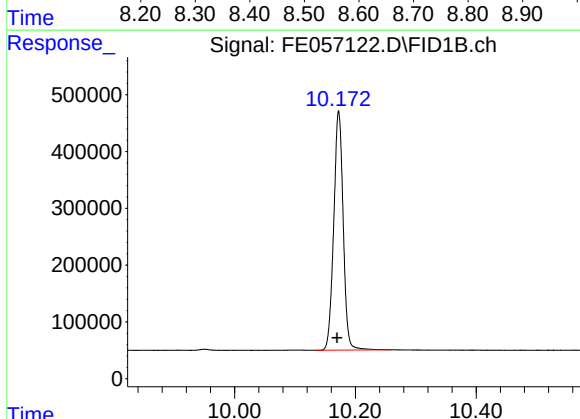
R.T.: 7.369 min
Delta R.T.: 0.001 min
Response: 4327441
Conc: 22.52 ug/ml

Instrument :
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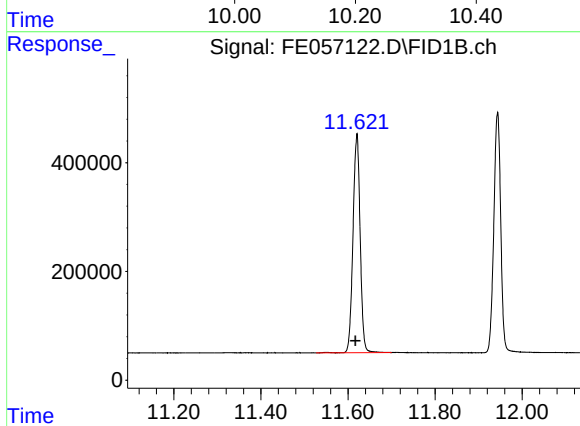
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: 0.001 min
Response: 4524187
Conc: 22.48 ug/ml



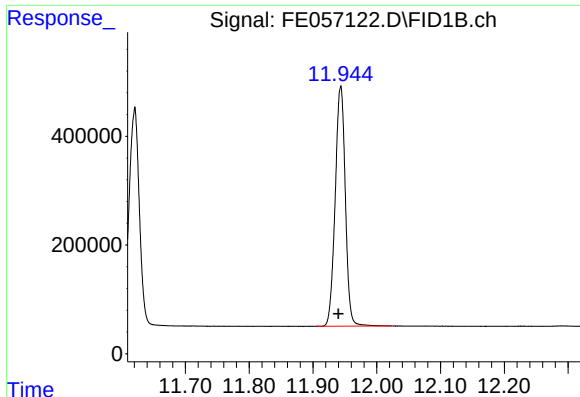
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: 0.003 min
Response: 4588068
Conc: 22.37 ug/ml



#8 n-Octadecane (C18)

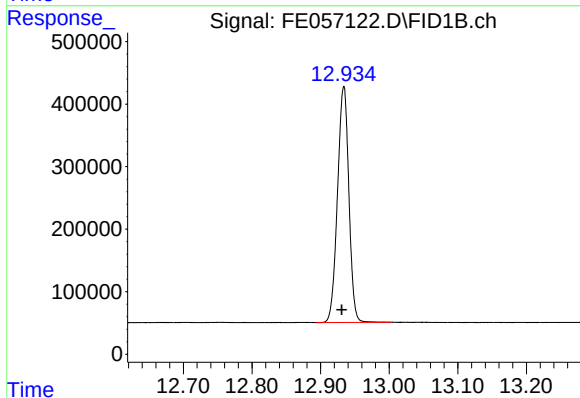
R.T.: 11.620 min
Delta R.T.: 0.003 min
Response: 4582246
Conc: 22.23 ug/ml



#9 ortho-Terphenyl (SURR)

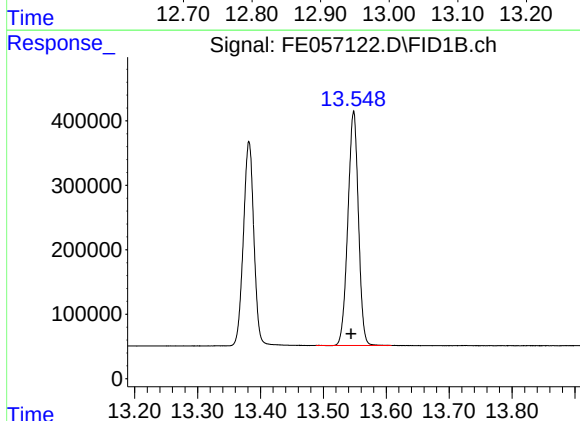
R.T.: 11.943 min
Delta R.T.: 0.003 min
Response: 4878153
Conc: 22.23 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



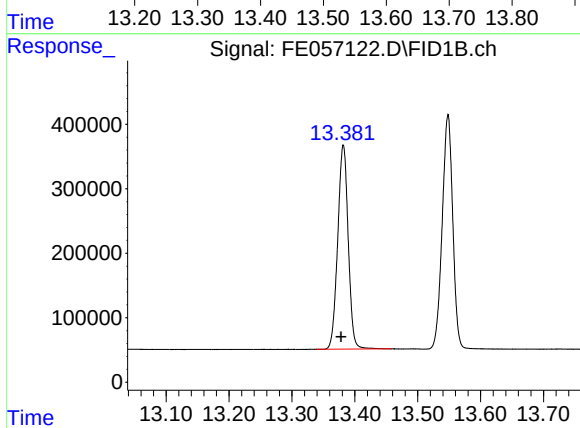
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.003 min
Response: 4336206
Conc: 22.04 ug/ml



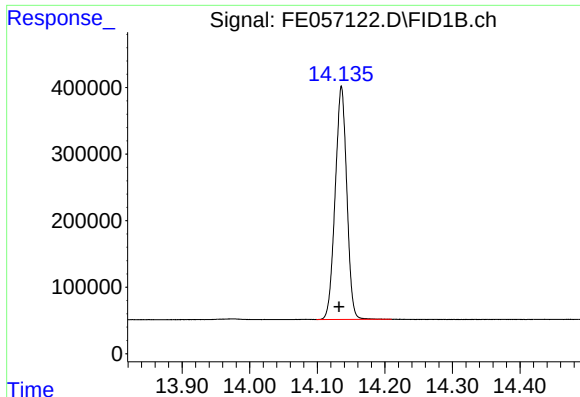
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: 0.004 min
Response: 4228681
Conc: 22.01 ug/ml



#12 1-chlorooctadecane (SURR)

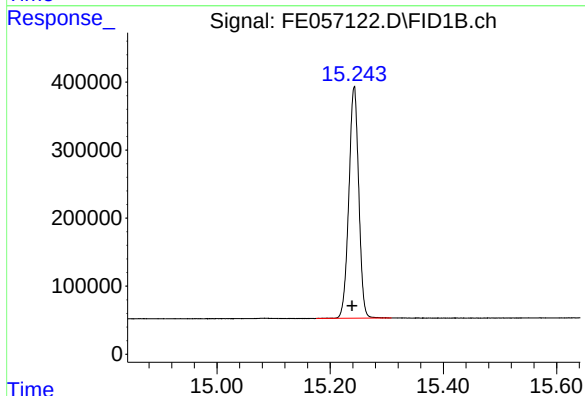
R.T.: 13.382 min
Delta R.T.: 0.003 min
Response: 3670954
Conc: 22.06 ug/ml



#13 n-Docosane (C22)

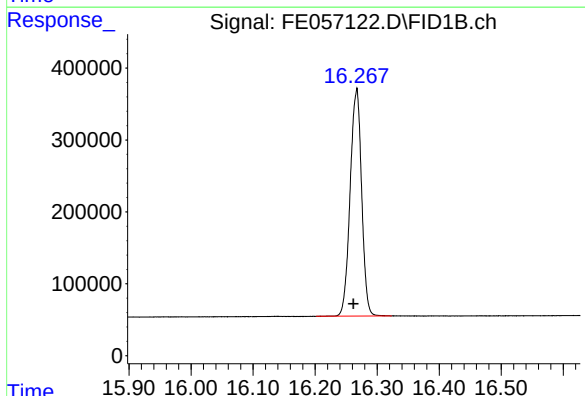
R.T.: 14.136 min
Delta R.T.: 0.003 min
Response: 4182485
Conc: 21.67 ug/ml

Instrument :
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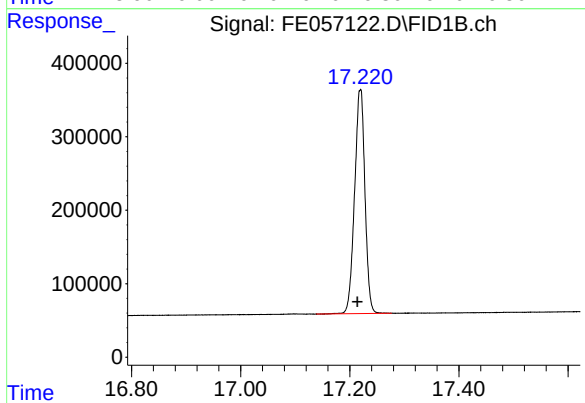
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: 0.004 min
Response: 4128692
Conc: 20.85 ug/ml



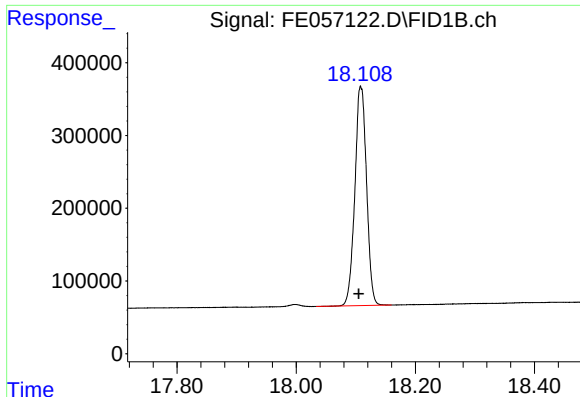
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: 0.005 min
Response: 4060611
Conc: 20.47 ug/ml



#16 n-Octacosane (C28)

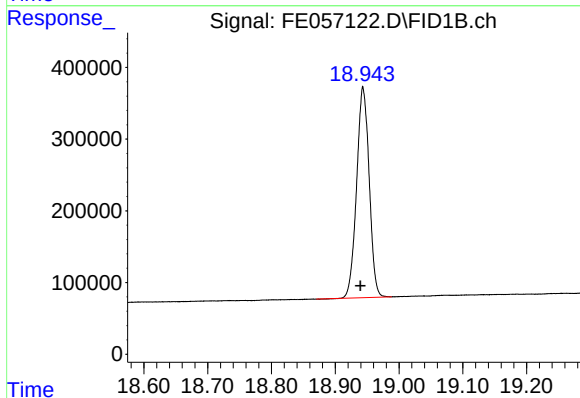
R.T.: 17.219 min
Delta R.T.: 0.005 min
Response: 4019885
Conc: 19.56 ug/ml



#17 n-Tricontane (C30)

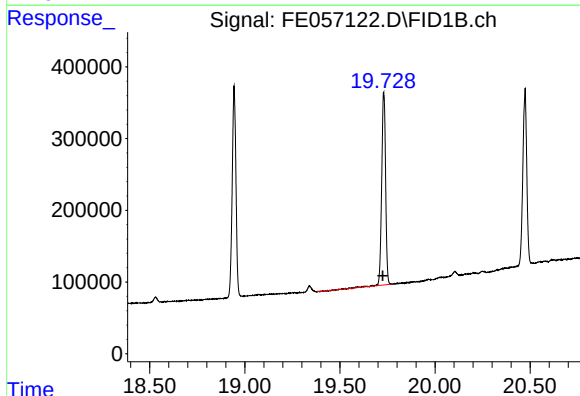
R.T.: 18.109 min
Delta R.T.: 0.004 min
Response: 4099678
Conc: 18.27 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



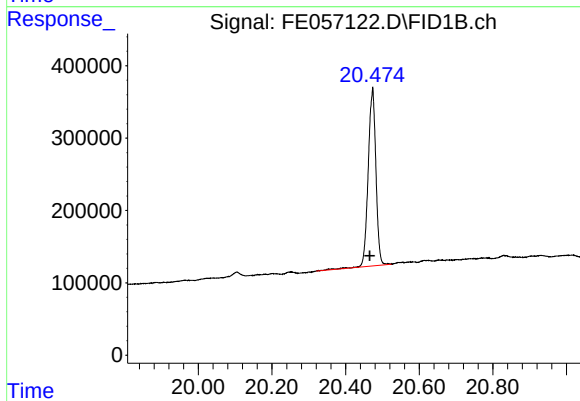
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: 0.004 min
Response: 4016125
Conc: 17.20 ug/ml



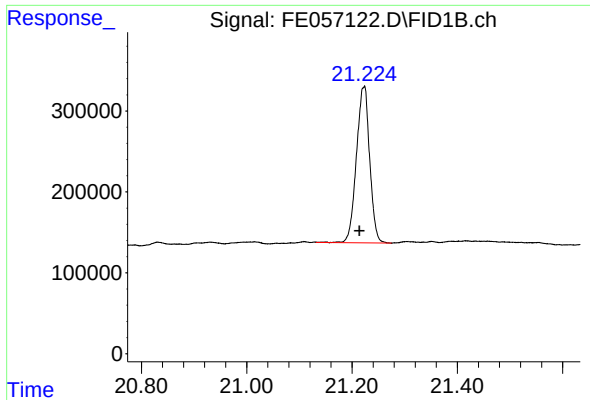
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: 0.006 min
Response: 3839622
Conc: 17.98 ug/ml



#20 n-Hexatriacontane (C36)

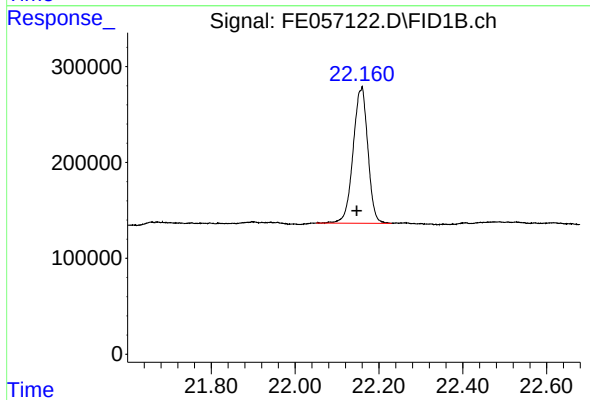
R.T.: 20.473 min
Delta R.T.: 0.007 min
Response: 3564689
Conc: 19.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.008 min
Response: 3374906
Conc: 19.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: 0.012 min
Response: 3448206
Conc: 20.46 ug/ml