

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057090.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2025 11:38
 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 01 12:34:37 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)	11.940	4252991	19.381 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
12) S 1-chlorooctadecane (S...	13.378	3185719	19.142 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
Target Compounds			
1) T n-Nonane (C9)	3.301	3857434	19.720 ug/ml
2) T n-Decane (C10)	4.553	3940214	19.481 ug/ml
3) T A~Naphthalene (C11.7)	6.269	3978747	19.762 ug/ml
4) T n-Dodecane (C12)	6.725	3998417	19.591 ug/ml
5) T A~2-methylnaphthalene...	7.368	3726880	19.396 ug/ml
6) T n-Tetradecane (C14)	8.558	3925596	19.503 ug/ml
7) T n-Hexadecane (C16)	10.170	3984516	19.430 ug/ml
8) T n-Octadecane (C18)	11.617	3980300	19.311 ug/ml
10) T n-Eicosane (C20)	12.930	3779068	19.211 ug/ml
11) T n-Heneicosane (C21)	13.544	3700813	19.263 ug/ml
13) T n-Docosane (C22)	14.131	3650467	18.910 ug/ml
14) T n-Tetracosane (C24)	15.238	3595992	18.156 ug/ml
15) T n-Hexacosane (C26)	16.261	3532362	17.805 ug/ml
16) T n-Octacosane (C28)	17.213	3479213	16.930 ug/ml
17) T n-Tricontane (C30)	18.102	3543278	15.788 ug/ml
18) T n-Dotriacontane (C32)	18.938	3462675	14.834 ug/ml
19) T n-Tetratriacontane (C34)	19.722	3352409	15.696 ug/ml
20) T n-Hexatriacontane (C36)	20.464	3095856	16.633 ug/ml
21) T n-Octatriacontane (C38)	21.211	2924597	16.875 ug/ml
22) T n-Tetracontane (C40)	22.142	2708582	16.073 ug/ml

(f)=RT Delta > 1/2 Window

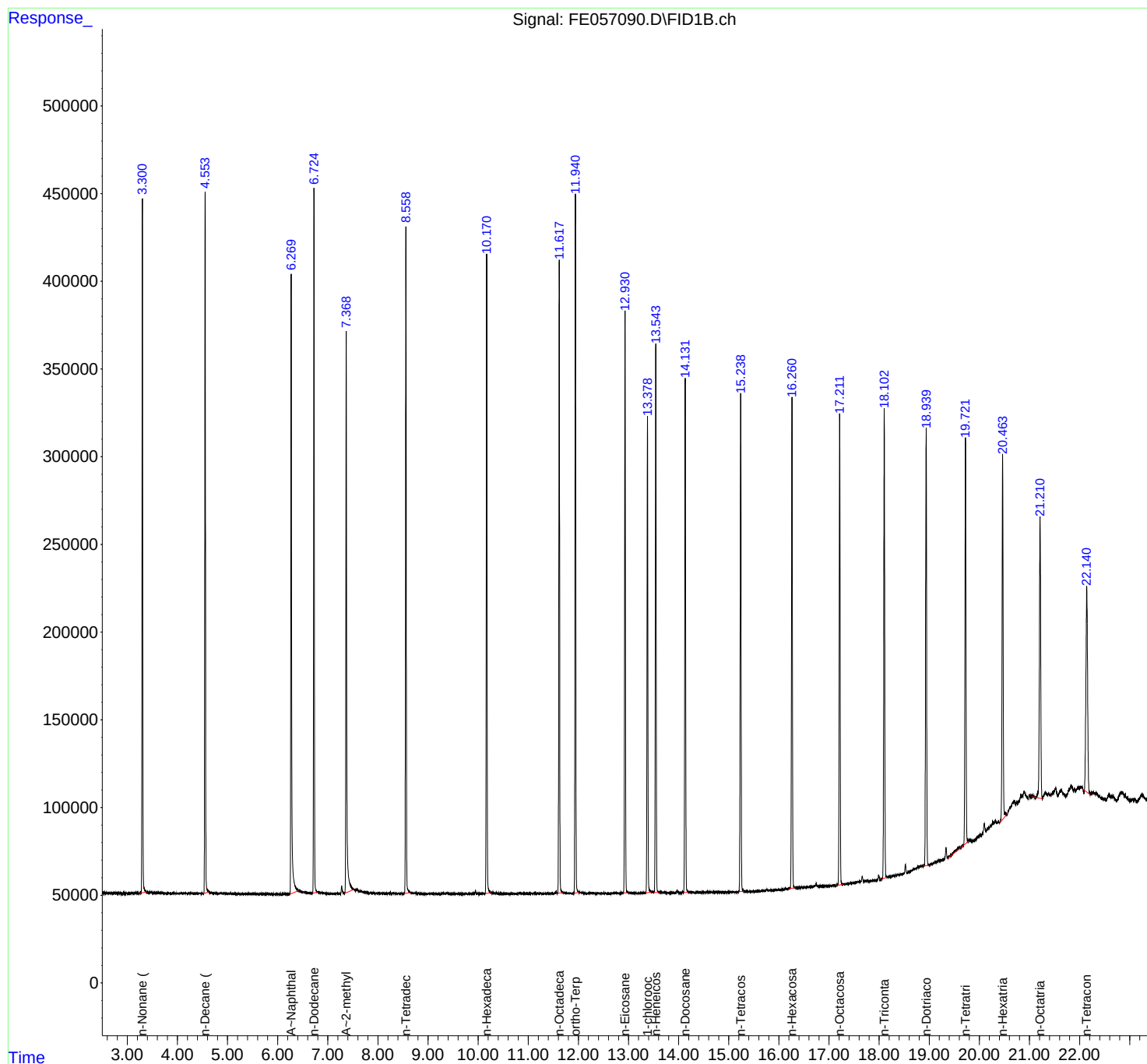
(m)=manual int.

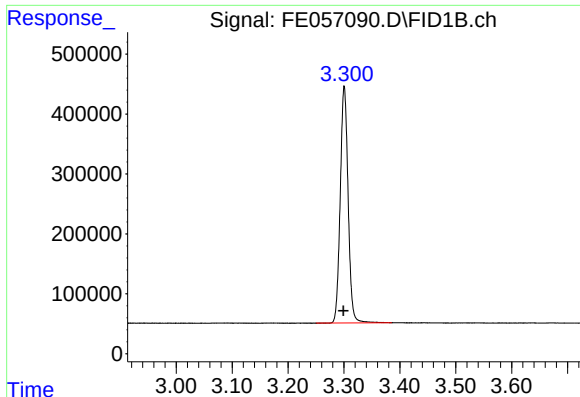
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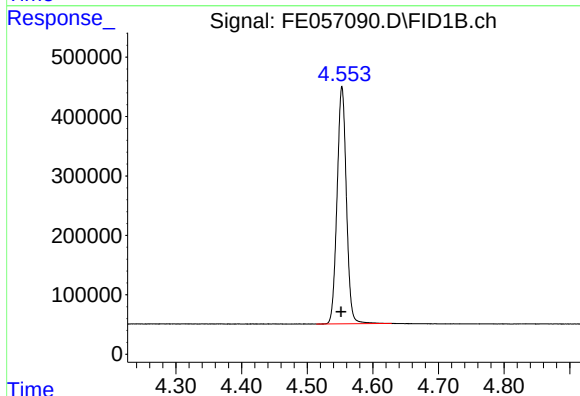




#1 n-Nonane (C9)

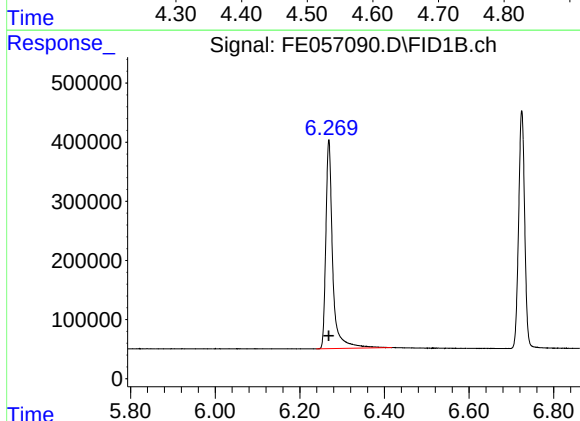
R.T.: 3.301 min
Delta R.T.: 0.002 min
Response: 3857434
Conc: 19.72 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



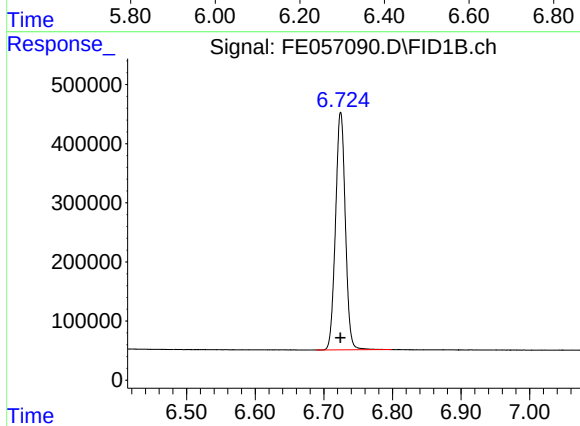
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: 0.002 min
Response: 3940214
Conc: 19.48 ug/ml



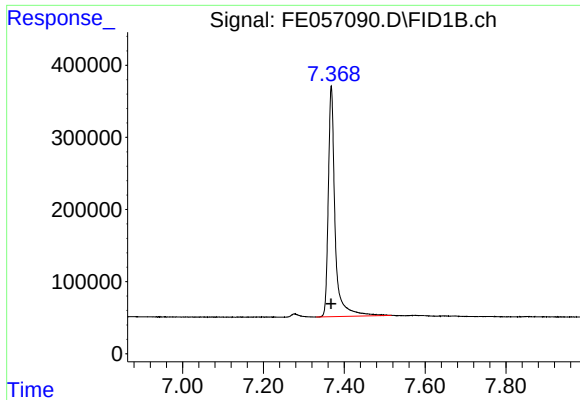
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 3978747
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

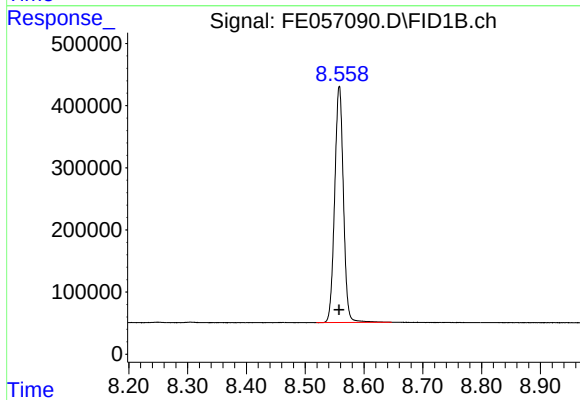
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 3998417
Conc: 19.59 ug/ml



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

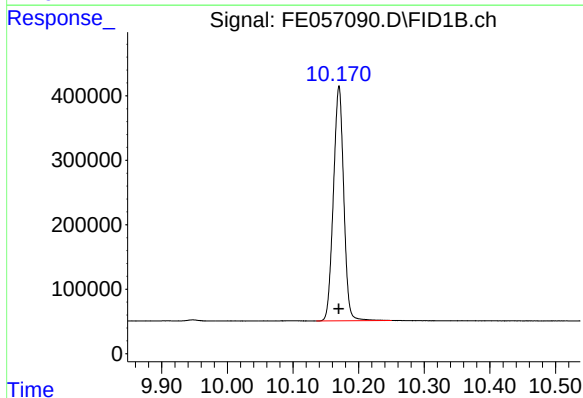
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 3726880
Conc: 19.40 ug/ml

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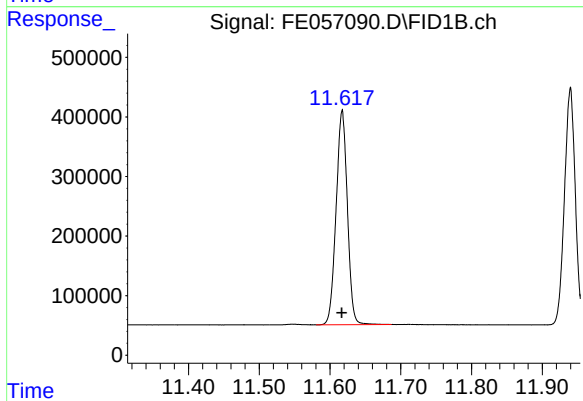
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 3925596
Conc: 19.50 ug/ml



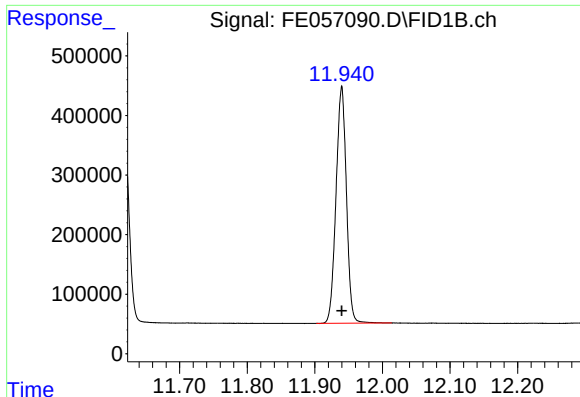
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: 0.000 min
Response: 3984516
Conc: 19.43 ug/ml



#8 n-Octadecane (C18)

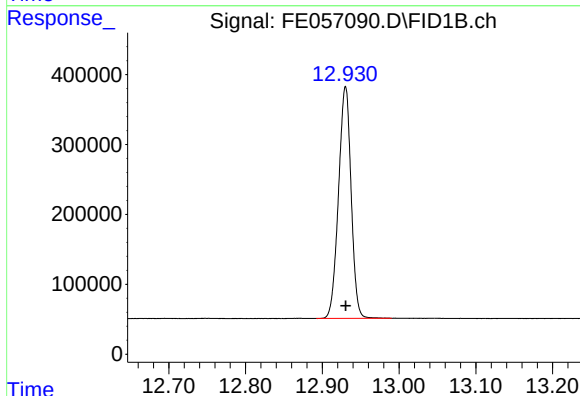
R.T.: 11.617 min
Delta R.T.: 0.000 min
Response: 3980300
Conc: 19.31 ug/ml



#9 ortho-Terphenyl (SURR)

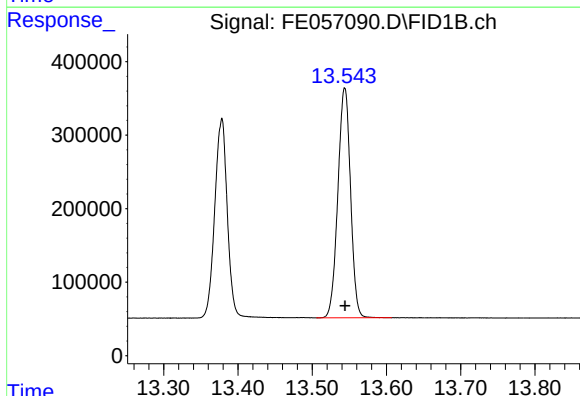
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 4252991
Conc: 19.38 ug/ml

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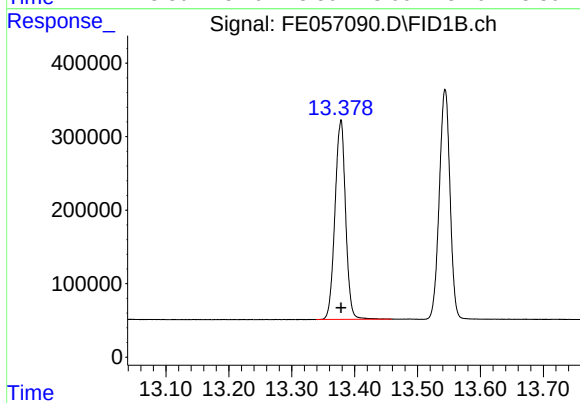
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.000 min
Response: 3779068
Conc: 19.21 ug/ml



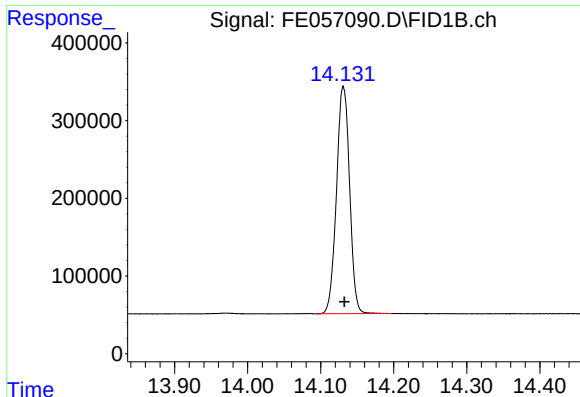
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 3700813
Conc: 19.26 ug/ml



#12 1-chlorooctadecane (SURR)

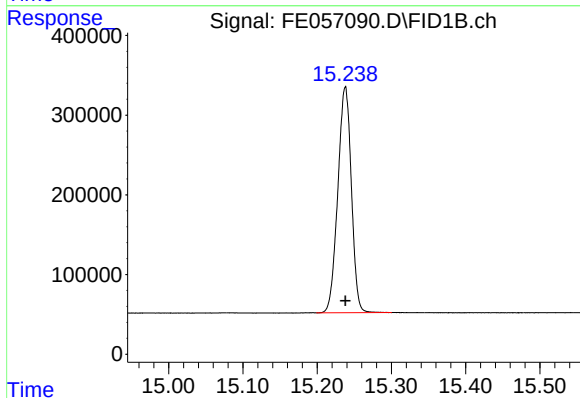
R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 3185719
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

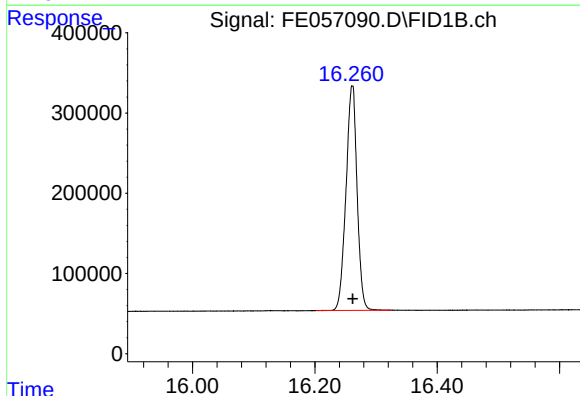
R.T.: 14.131 min
Delta R.T.: -0.001 min
Response: 3650467
Conc: 18.91 ug/ml

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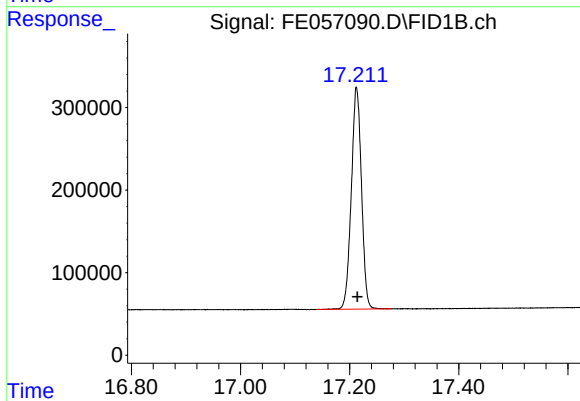
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3595992
Conc: 18.16 ug/ml



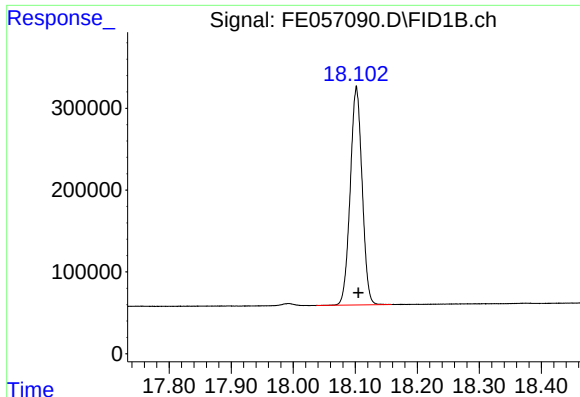
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: 0.000 min
Response: 3532362
Conc: 17.81 ug/ml



#16 n-Octacosane (C28)

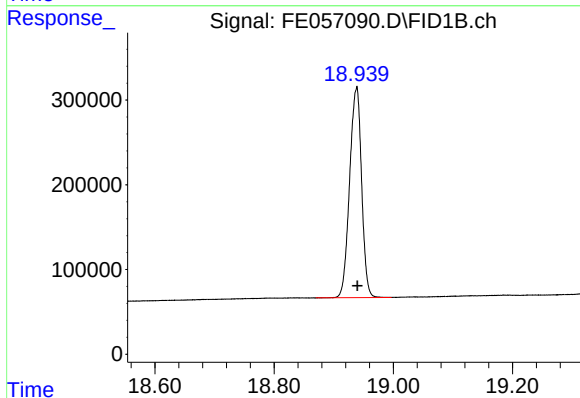
R.T.: 17.213 min
Delta R.T.: -0.001 min
Response: 3479213
Conc: 16.93 ug/ml



#17 n-Tricontane (C30)

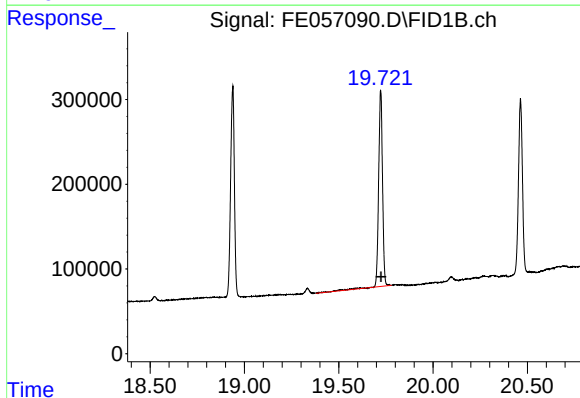
R.T.: 18.102 min
Delta R.T.: -0.003 min
Response: 3543278
Conc: 15.79 ug/ml

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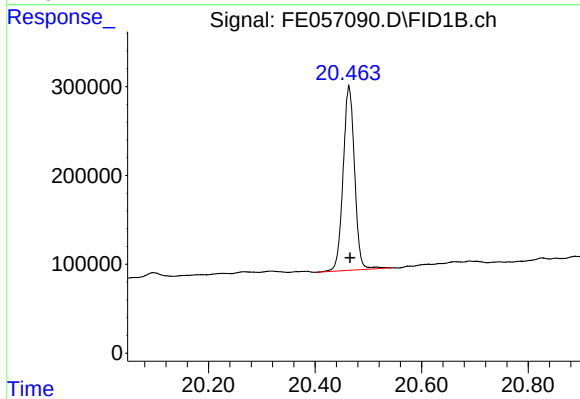
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.002 min
Response: 3462675
Conc: 14.83 ug/ml



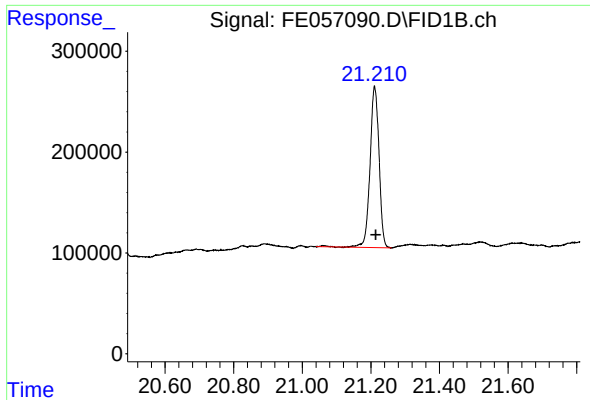
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.002 min
Response: 3352409
Conc: 15.70 ug/ml



#20 n-Hexatriacontane (C36)

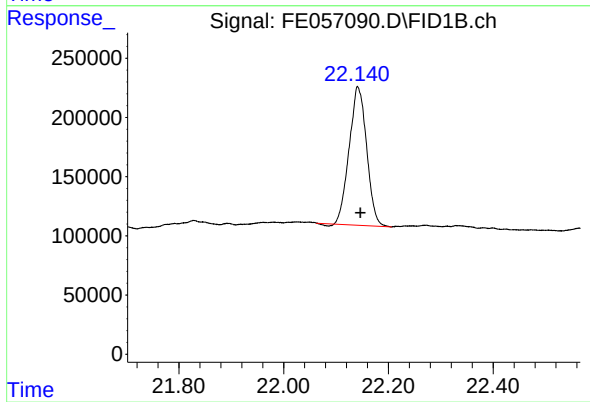
R.T.: 20.464 min
Delta R.T.: -0.002 min
Response: 3095856
Conc: 16.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.003 min
Response: 2924597
Conc: 16.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.004 min
Response: 2708582
Conc: 16.07 ug/ml