

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057171.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 20:10
 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 05 00:26:34 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)	11.934	4683526	21.343 ug/ml
Spiked Amount 50.000		Recovery =	42.69%
12) S 1-chlorooctadecane (S...	13.372	3556187	21.368 ug/ml
Spiked Amount 50.000		Recovery =	42.74%
Target Compounds			
1) T n-Nonane (C9)	3.294	4204165	21.492 ug/ml
2) T n-Decane (C10)	4.546	4321985	21.369 ug/ml
3) T A~Naphthalene (C11.7)	6.263	4351024	21.611 ug/ml
4) T n-Dodecane (C12)	6.718	4364674	21.385 ug/ml
5) T A~2-methylnaphthalene...	7.363	4087456	21.272 ug/ml
6) T n-Tetradecane (C14)	8.552	4292318	21.325 ug/ml
7) T n-Hexadecane (C16)	10.164	4363476	21.277 ug/ml
8) T n-Octadecane (C18)	11.611	4384945	21.274 ug/ml
10) T n-Eicosane (C20)	12.924	4173791	21.218 ug/ml
11) T n-Heneicosane (C21)	13.537	4080723	21.240 ug/ml
13) T n-Docosane (C22)	14.125	4037311	20.914 ug/ml
14) T n-Tetracosane (C24)	15.230	3988659	20.139 ug/ml
15) T n-Hexacosane (C26)	16.255	3938797	19.854 ug/ml
16) T n-Octacosane (C28)	17.207	3947909	19.211 ug/ml
17) T n-Tricontane (C30)	18.096	4159664	18.535 ug/ml
18) T n-Dotriacontane (C32)	18.930	4206365	18.019 ug/ml
19) T n-Tetratriacontane (C34)	19.716	3986586	18.665 ug/ml
20) T n-Hexatriacontane (C36)	20.457	3586666	19.270 ug/ml
21) T n-Octatriacontane (C38)	21.202	3359675	19.386 ug/ml
22) T n-Tetracontane (C40)	22.131	3328080	19.750 ug/ml

(f)=RT Delta > 1/2 Window

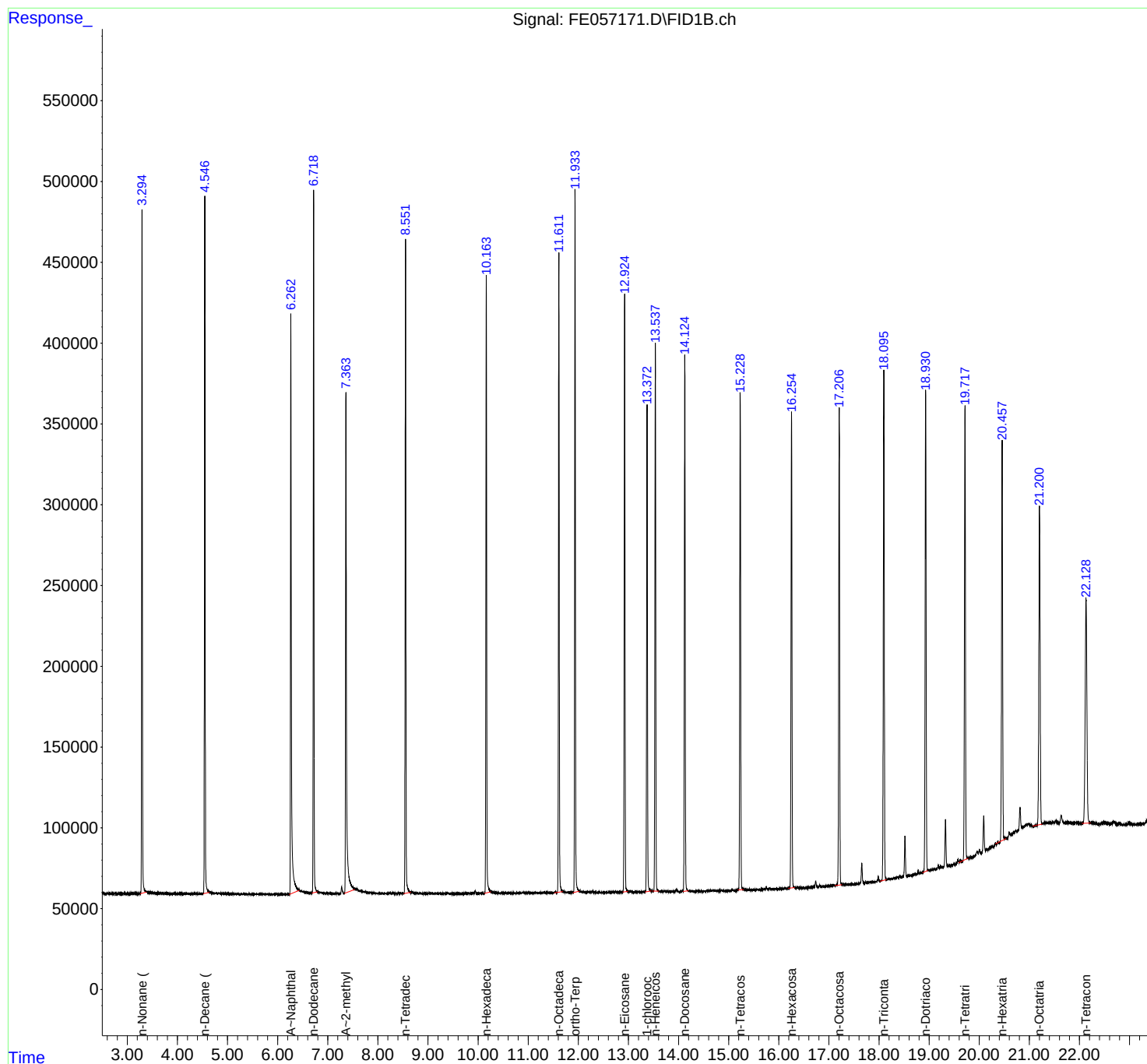
(m)=manual int.

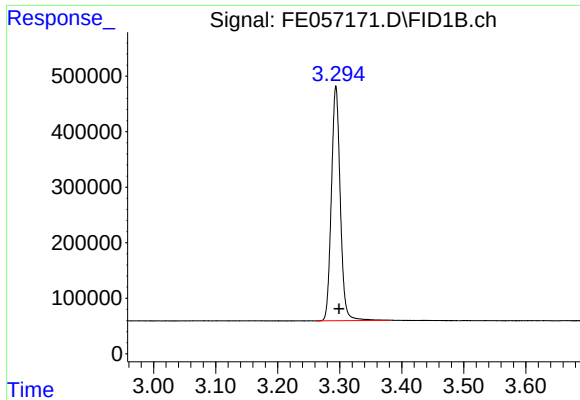
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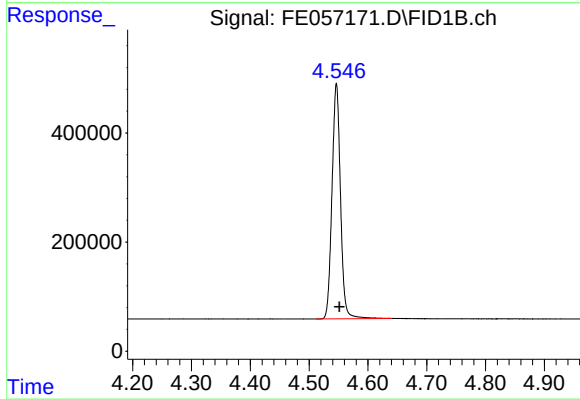




#1 n-Nonane (C9)

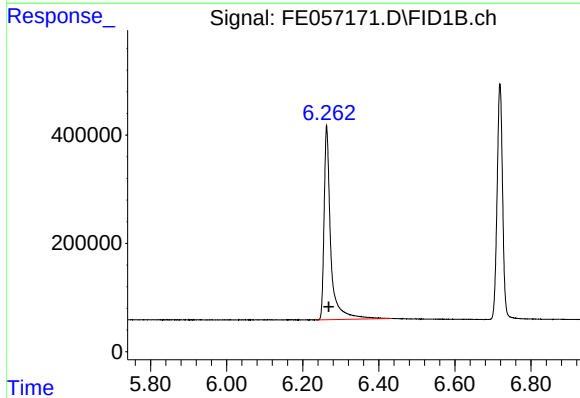
R.T.: 3.294 min
Delta R.T.: -0.005 min
Response: 4204165
Conc: 21.49 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



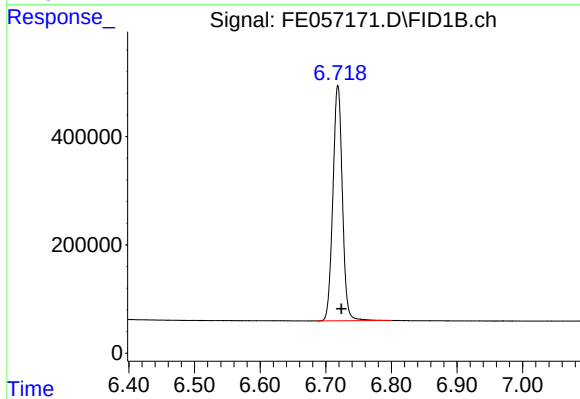
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.005 min
Response: 4321985
Conc: 21.37 ug/ml



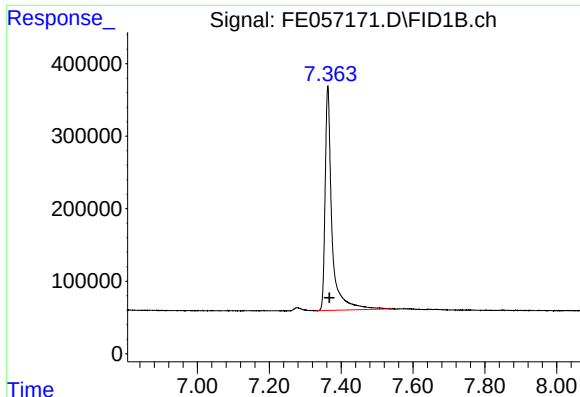
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.005 min
Response: 4351024
Conc: 21.61 ug/ml



#4 n-Dodecane (C12)

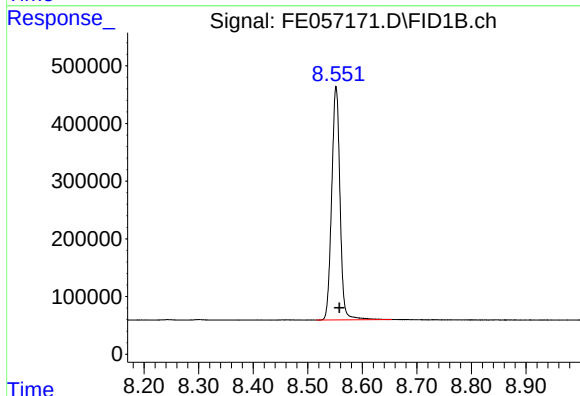
R.T.: 6.718 min
Delta R.T.: -0.006 min
Response: 4364674
Conc: 21.39 ug/ml



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

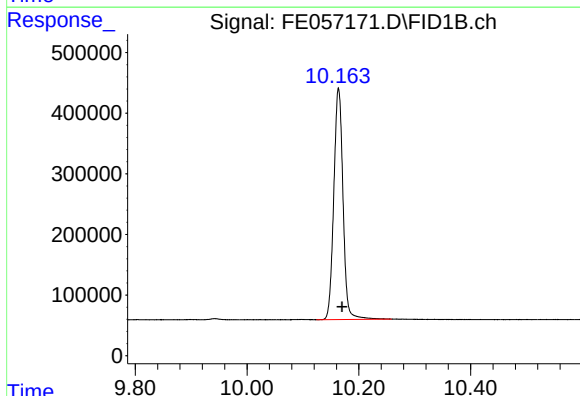
R.T.: 7.363 min
Delta R.T.: -0.004 min
Response: 4087456
Conc: 21.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



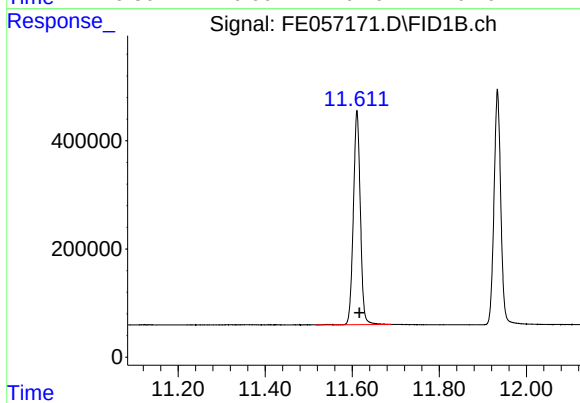
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.006 min
Response: 4292318
Conc: 21.33 ug/ml



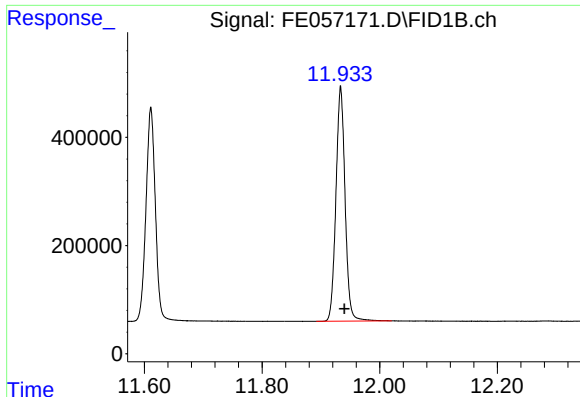
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.006 min
Response: 4363476
Conc: 21.28 ug/ml



#8 n-Octadecane (C18)

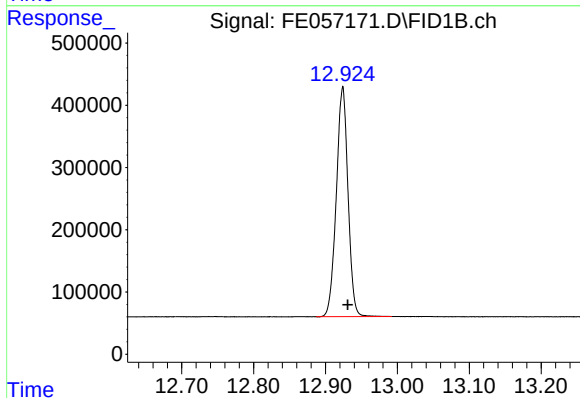
R.T.: 11.611 min
Delta R.T.: -0.006 min
Response: 4384945
Conc: 21.27 ug/ml



#9 ortho-Terphenyl (SURR)

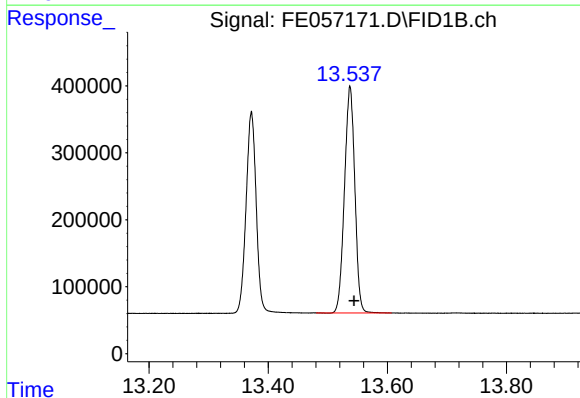
R.T.: 11.934 min
Delta R.T.: -0.006 min
Response: 4683526
Conc: 21.34 ug/ml

Instrument :
FID_E
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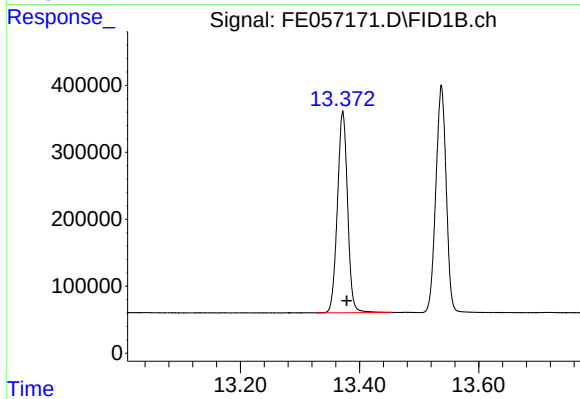
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: -0.007 min
Response: 4173791
Conc: 21.22 ug/ml



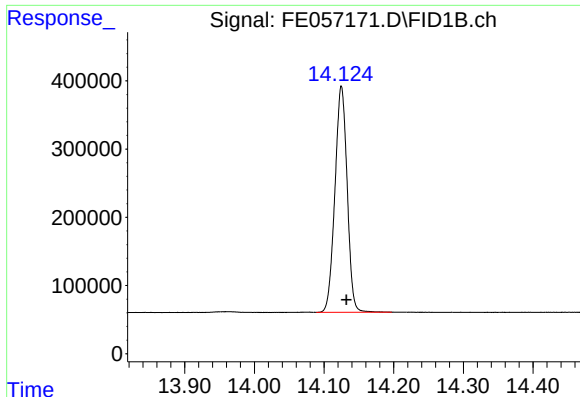
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.007 min
Response: 4080723
Conc: 21.24 ug/ml



#12 1-chlorooctadecane (SURR)

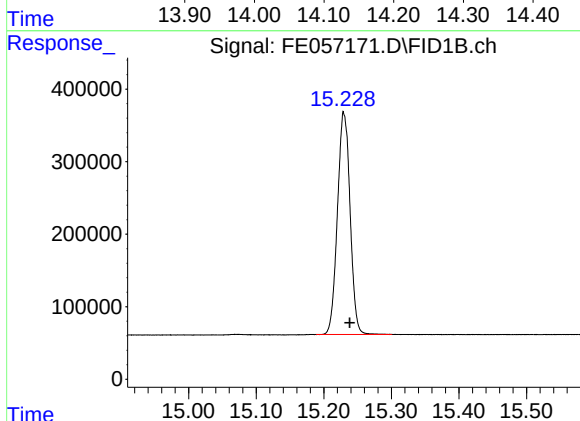
R.T.: 13.372 min
Delta R.T.: -0.006 min
Response: 3556187
Conc: 21.37 ug/ml



#13 n-Docosane (C22)

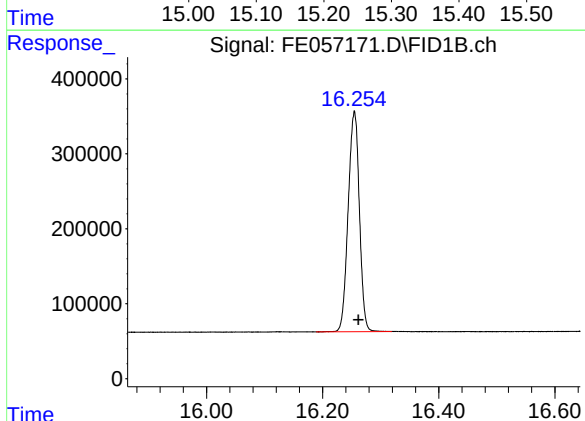
R.T.: 14.125 min
Delta R.T.: -0.007 min
Response: 4037311
Conc: 20.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



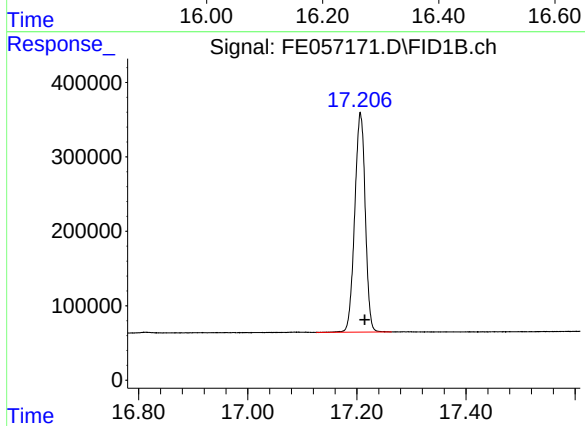
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.008 min
Response: 3988659
Conc: 20.14 ug/ml



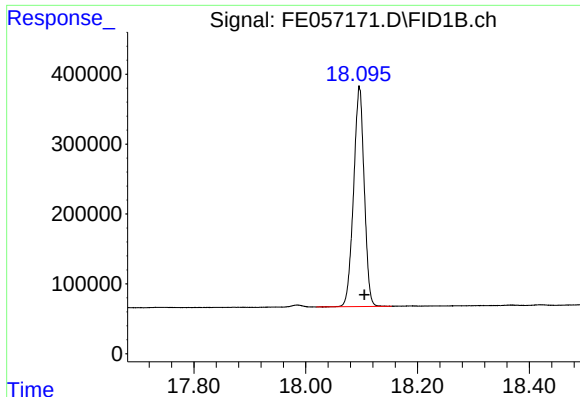
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: -0.007 min
Response: 3938797
Conc: 19.85 ug/ml



#16 n-Octacosane (C28)

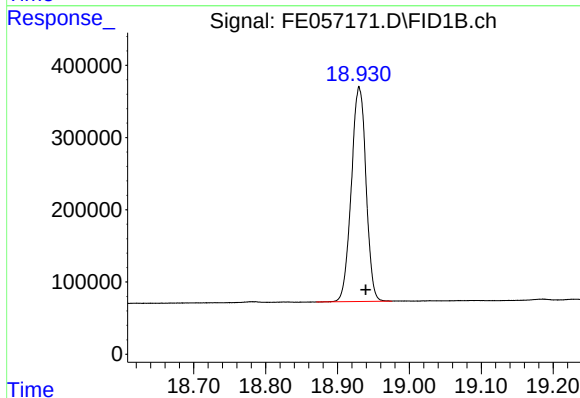
R.T.: 17.207 min
Delta R.T.: -0.008 min
Response: 3947909
Conc: 19.21 ug/ml



#17 n-Tricontane (C30)

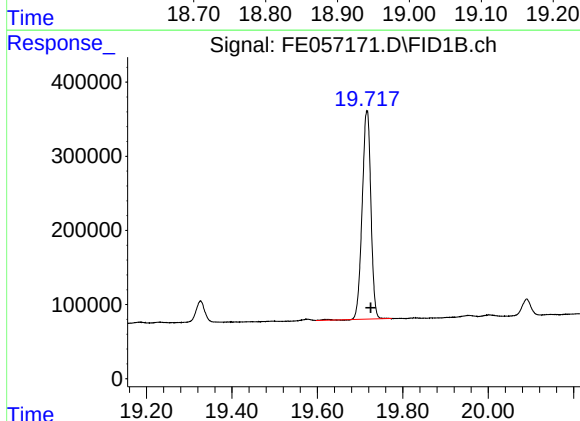
R.T.: 18.096 min
Delta R.T.: -0.009 min
Response: 4159664
Conc: 18.53 ug/ml

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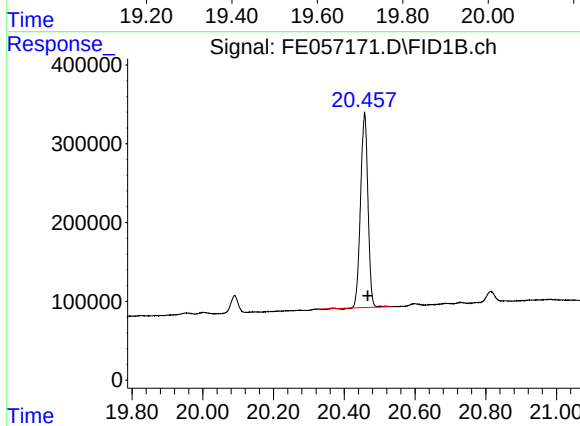
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.009 min
Response: 4206365
Conc: 18.02 ug/ml



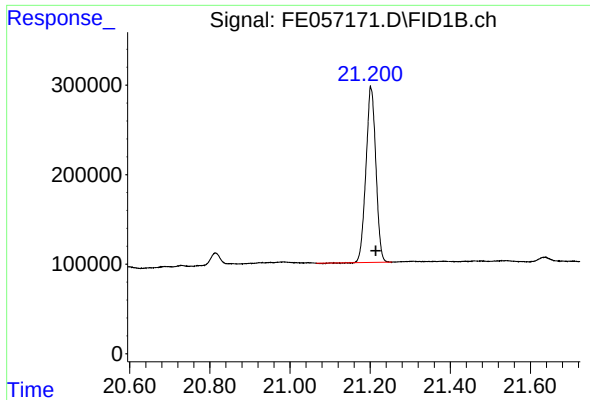
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.009 min
Response: 3986586
Conc: 18.66 ug/ml



#20 n-Hexatriacontane (C36)

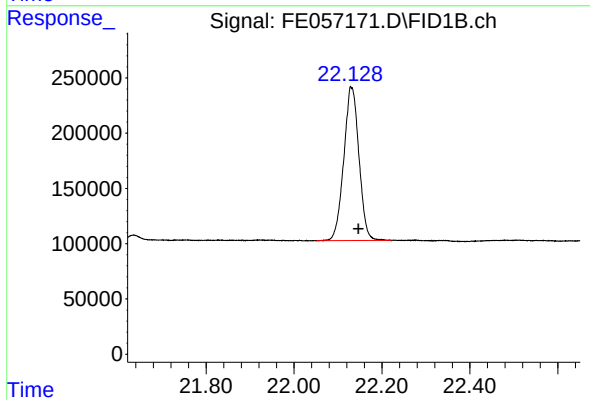
R.T.: 20.457 min
Delta R.T.: -0.009 min
Response: 3586666
Conc: 19.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: -0.012 min
Response: 3359675
Conc: 19.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: -0.016 min
Response: 3328080
Conc: 19.75 ug/ml