

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112525AL\
 Data File : FE057019.D
 Signal(s) : FID1B.ch
 Acq On : 25 Nov 2025 10:51
 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: sample.E
 Quant Time: Nov 26 00:41:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.942	3876144	18.554 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
12) S 1-chlorooctadecane (S...	13.380	2937450	18.232 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
Target Compounds			
1) T n-Nonane (C9)	3.305	3294010	19.611 ug/ml
2) T n-Decane (C10)	4.556	3530236	20.573 ug/ml
3) T A~Naphthalene (C11.7)	6.272	3538753	19.171 ug/ml
4) T n-Dodecane (C12)	6.728	3610799	20.760 ug/ml
5) T A~2-methylnaphthalene...	7.371	3329486	18.787 ug/ml
6) T n-Tetradecane (C14)	8.561	3571308	20.460 ug/ml
7) T n-Hexadecane (C16)	10.173	3641500	19.904 ug/ml
8) T n-Octadecane (C18)	11.619	3656377	19.318 ug/ml
10) T n-Eicosane (C20)	12.932	3469140	18.615 ug/ml
11) T n-Heneicosane (C21)	13.545	3389333	18.432 ug/ml
13) T n-Docosane (C22)	14.133	3393529	18.128 ug/ml
14) T n-Tetracosane (C24)	15.239	3380444	17.259 ug/ml
15) T n-Hexacosane (C26)	16.262	3342552	17.200 ug/ml
16) T n-Octacosane (C28)	17.214	3413655	17.627 ug/ml
17) T n-Tricontane (C30)	18.103	3633448	18.122 ug/ml
18) T n-Dotriacontane (C32)	18.937	3691953	18.774 ug/ml
19) T n-Tetratriacontane (C34)	19.724	3415497	19.787 ug/ml
20) T n-Hexatriacontane (C36)	20.464	2998012	20.725 ug/ml
21) T n-Octatriacontane (C38)	21.211	2805589	22.291 ug/ml
22) T n-Tetracontane (C40)	22.141	2723182	23.554 ug/ml

(f)=RT Delta > 1/2 Window

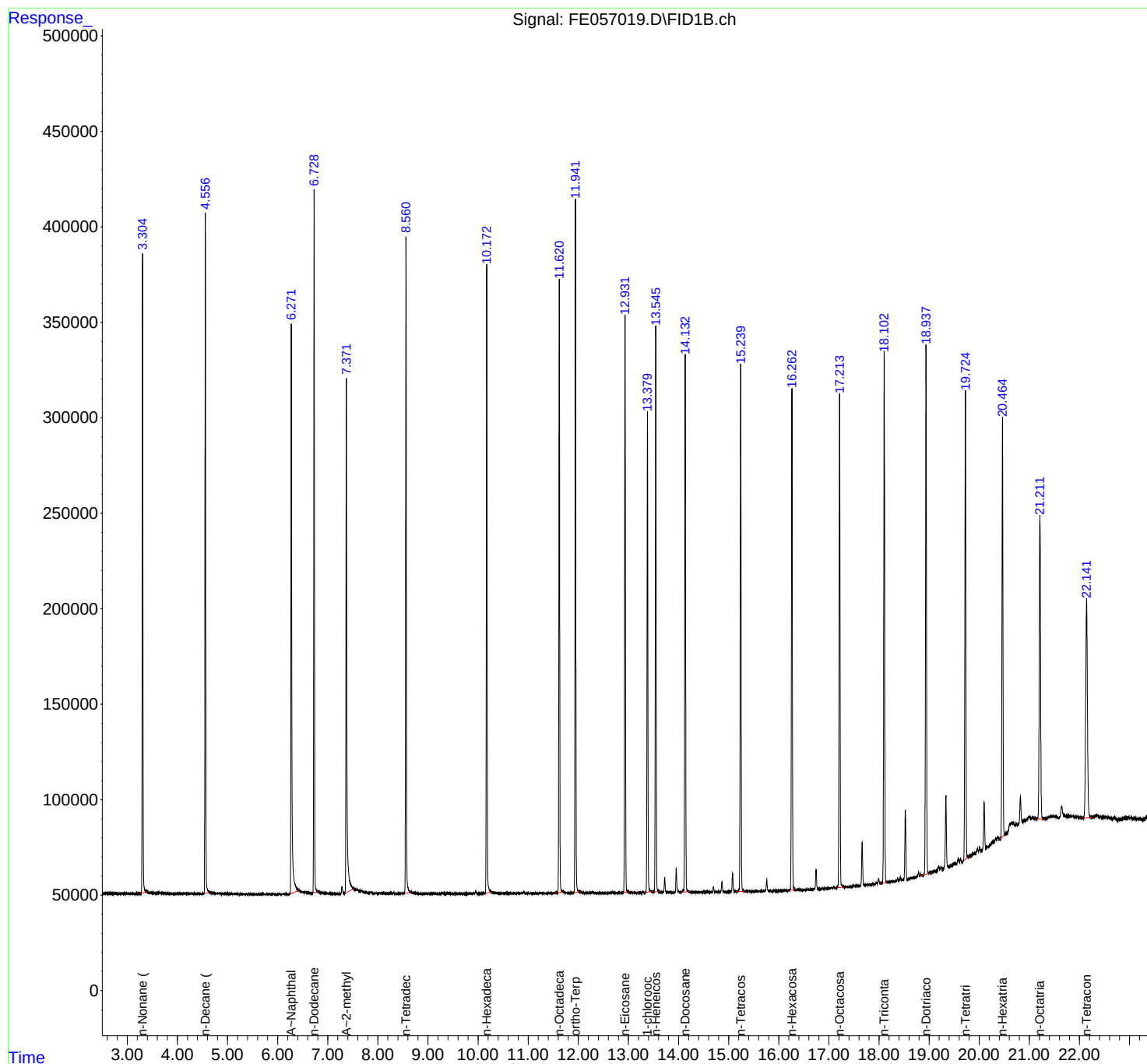
(m)=manual int.

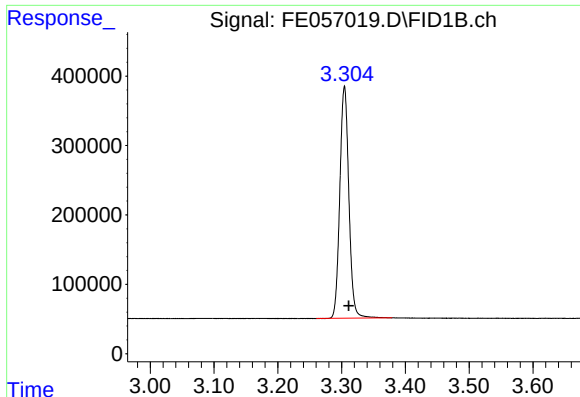
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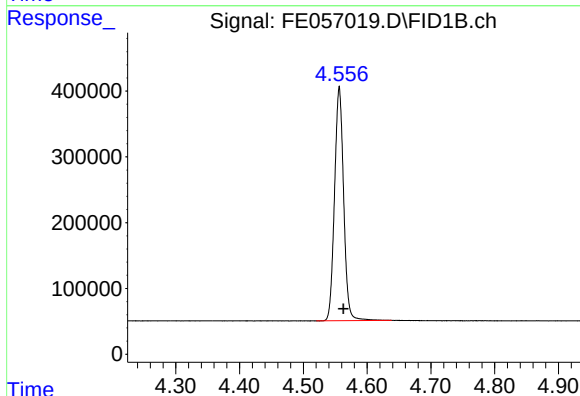




#1 n-Nonane (C9)

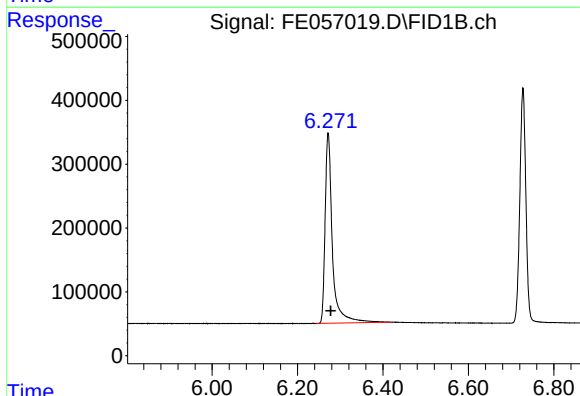
R.T.: 3.305 min
Delta R.T.: -0.006 min
Response: 3294010
Conc: 19.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



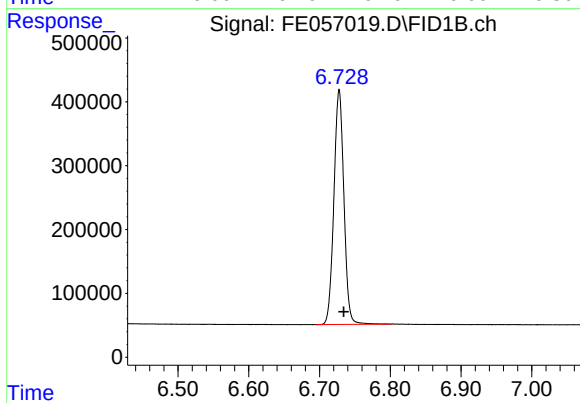
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: -0.007 min
Response: 3530236
Conc: 20.57 ug/ml



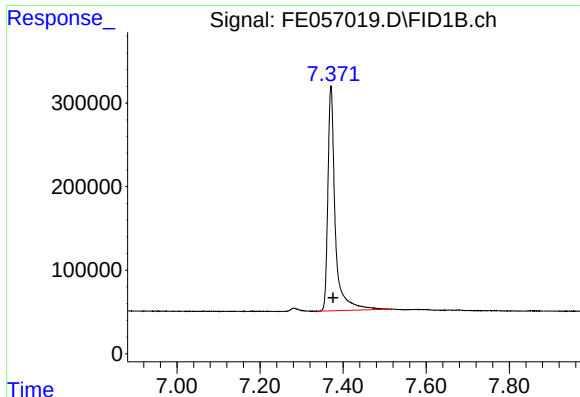
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.006 min
Response: 3538753
Conc: 19.17 ug/ml



#4 n-Dodecane (C12)

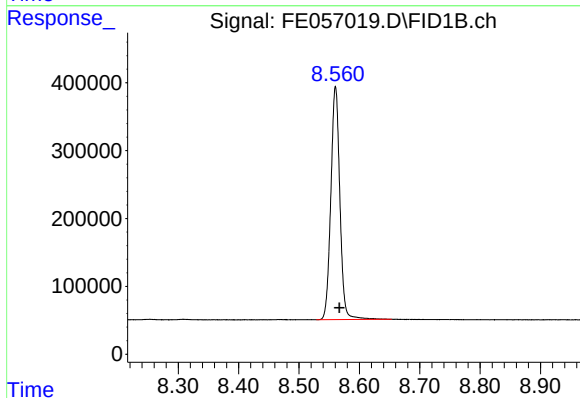
R.T.: 6.728 min
Delta R.T.: -0.007 min
Response: 3610799
Conc: 20.76 ug/ml



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

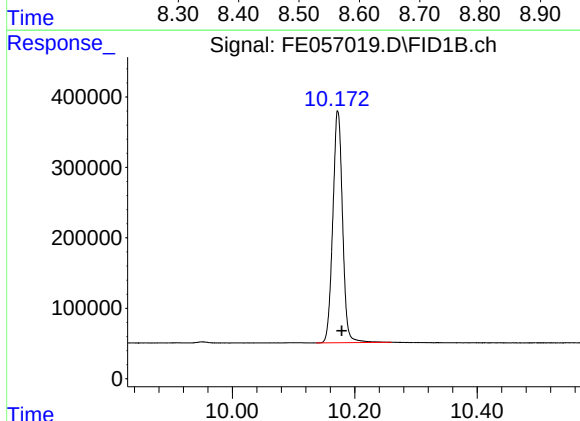
R.T.: 7.371 min
Delta R.T.: -0.005 min
Response: 3329486
Conc: 18.79 ug/ml

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20 PPM ALIPHATIC HC STD



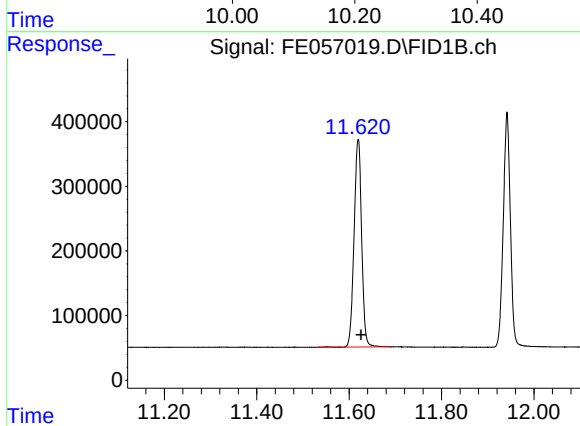
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.007 min
Response: 3571308
Conc: 20.46 ug/ml



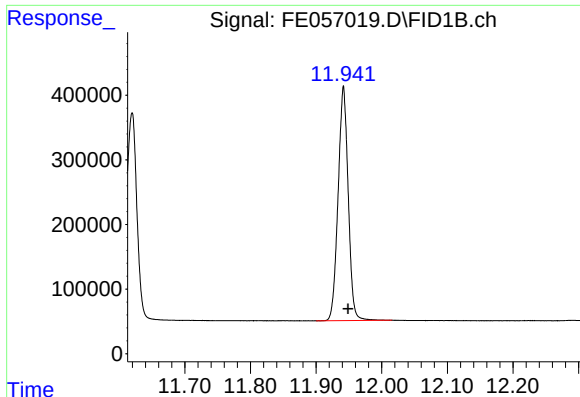
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.006 min
Response: 3641500
Conc: 19.90 ug/ml



#8 n-Octadecane (C18)

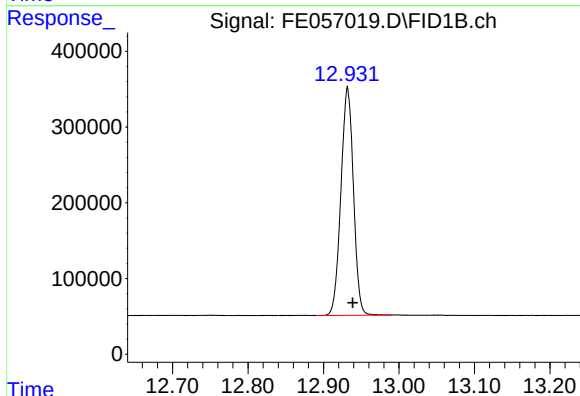
R.T.: 11.619 min
Delta R.T.: -0.006 min
Response: 3656377
Conc: 19.32 ug/ml



#9 ortho-Terphenyl (SURR)

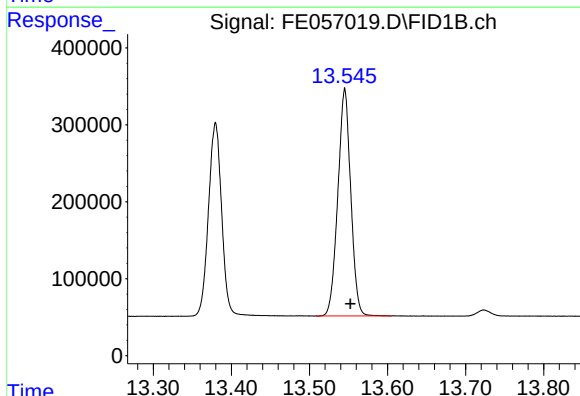
R.T.: 11.942 min
Delta R.T.: -0.007 min
Response: 3876144
Conc: 18.55 ug/ml

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20 PPM ALIPHATIC HC STD



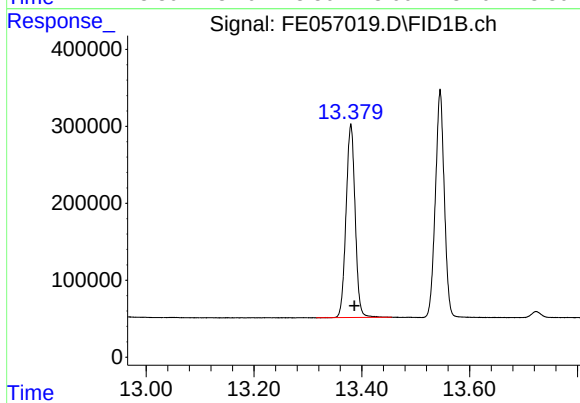
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.007 min
Response: 3469140
Conc: 18.61 ug/ml



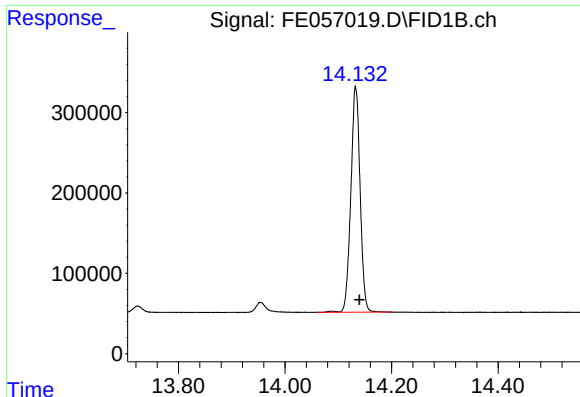
#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.007 min
Response: 3389333
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

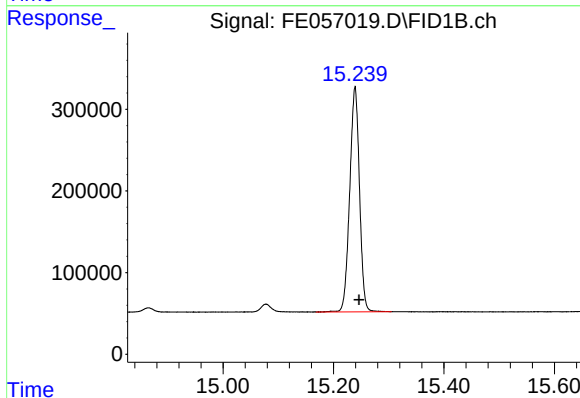
R.T.: 13.380 min
Delta R.T.: -0.007 min
Response: 2937450
Conc: 18.23 ug/ml



#13 n-Docosane (C22)

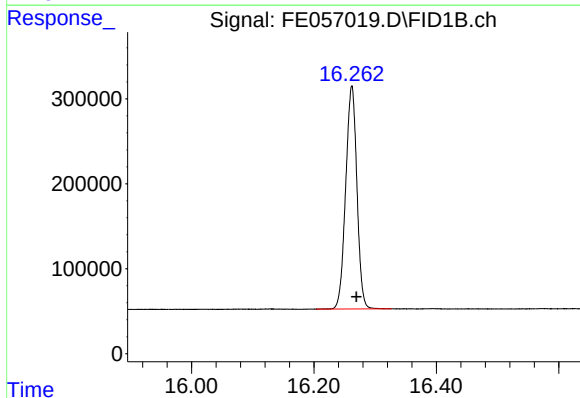
R.T.: 14.133 min
Delta R.T.: -0.007 min
Response: 3393529
Conc: 18.13 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



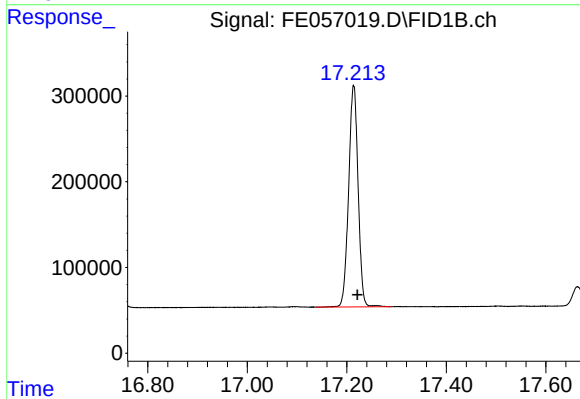
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: -0.007 min
Response: 3380444
Conc: 17.26 ug/ml



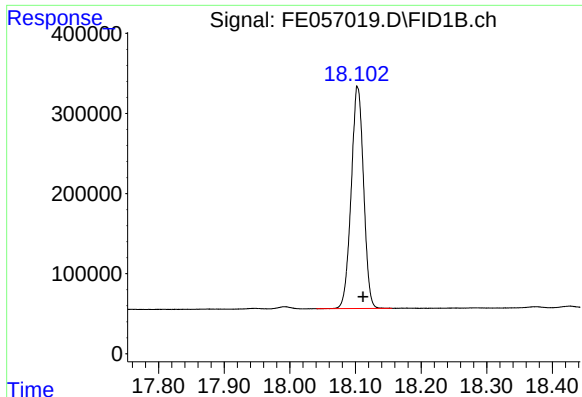
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: -0.008 min
Response: 3342552
Conc: 17.20 ug/ml



#16 n-Octacosane (C28)

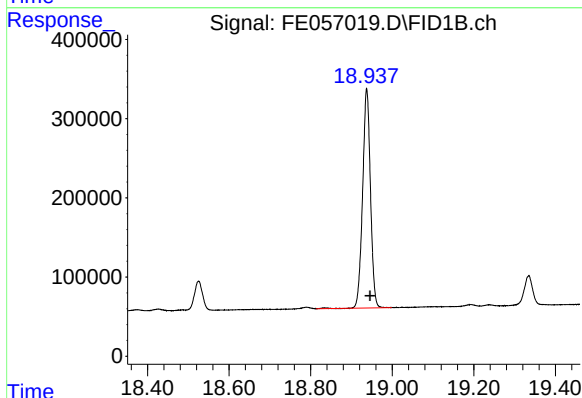
R.T.: 17.214 min
Delta R.T.: -0.007 min
Response: 3413655
Conc: 17.63 ug/ml



#17 n-Tricontane (C30)

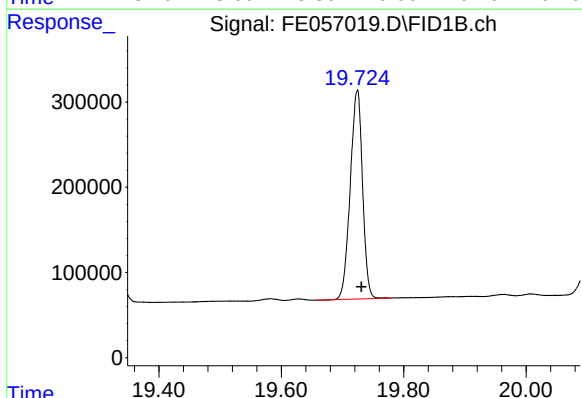
R.T.: 18.103 min
Delta R.T.: -0.008 min
Response: 3633448
Conc: 18.12 ug/ml

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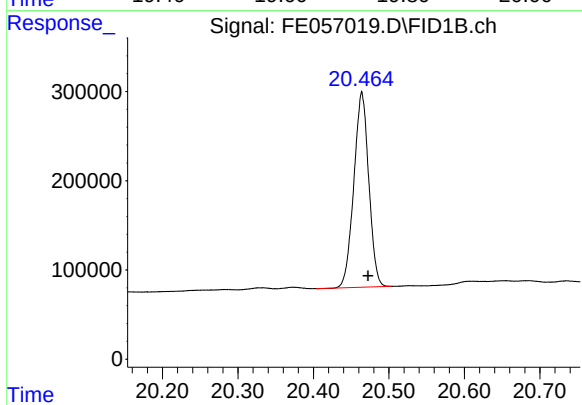
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.009 min
Response: 3691953
Conc: 18.77 ug/ml



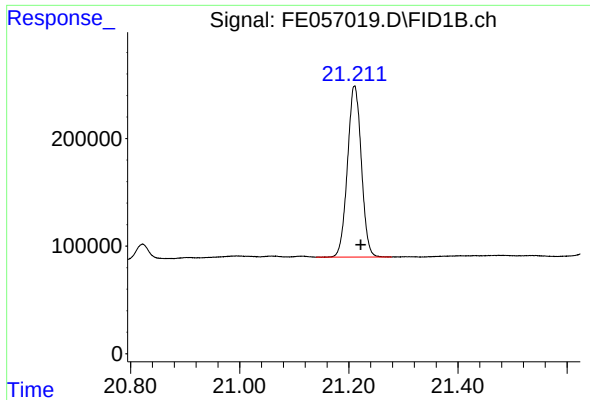
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.007 min
Response: 3415497
Conc: 19.79 ug/ml



#20 n-Hexatriacontane (C36)

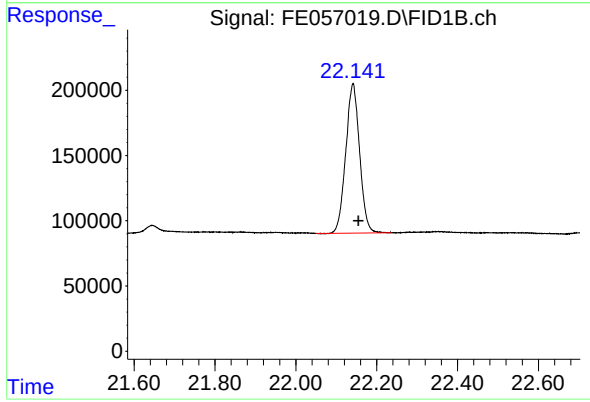
R.T.: 20.464 min
Delta R.T.: -0.008 min
Response: 2998012
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.011 min
Response: 2805589
Conc: 22.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.014 min
Response: 2723182
Conc: 23.55 ug/ml