

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072925AL\
 Data File : FE055065.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jul 2025 13:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jul 30 00:23:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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)	12.088	2939859	19.861 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	13.525	2216945	19.797 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
Target Compounds			
1) T n-Nonane (C9)	3.424	2359959	19.438 ug/ml
2) T n-Decane (C10)	4.683	2422613	19.573 ug/ml
3) T A~Naphthalene (C11.7)	6.403	2794597	19.634 ug/ml
4) T n-Dodecane (C12)	6.859	2488449	19.633 ug/ml
5) T A~2-methylnaphthalene...	7.504	2728701	19.748 ug/ml
6) T n-Tetradecane (C14)	8.696	2545239	19.384 ug/ml
7) T n-Hexadecane (C16)	10.312	2660337	19.776 ug/ml
8) T n-Octadecane (C18)	11.761	2695432	19.804 ug/ml
10) T n-Eicosane (C20)	13.076	2590437	19.906 ug/ml
11) T n-Heneicosane (C21)	13.691	2534938	19.934 ug/ml
13) T n-Docosane (C22)	14.279	2522979	19.994 ug/ml
14) T n-Tetracosane (C24)	15.385	2529675	20.185 ug/ml
15) T n-Hexacosane (C26)	16.410	2516173	20.366 ug/ml
16) T n-Octacosane (C28)	17.362	2509891	20.247 ug/ml
17) T n-Tricontane (C30)	18.252	2652279	20.239 ug/ml
18) T n-Dotriacontane (C32)	19.086	2616422	20.067 ug/ml
19) T n-Tetratriacontane (C34)	19.872	2471646	19.937 ug/ml
20) T n-Hexatriacontane (C36)	20.613	2318377	20.181 ug/ml
21) T n-Octatriacontane (C38)	21.394	2187288	19.462 ug/ml
22) T n-Tetracontane (C40)	22.389	2137458	19.385 ug/ml

(f)=RT Delta > 1/2 Window

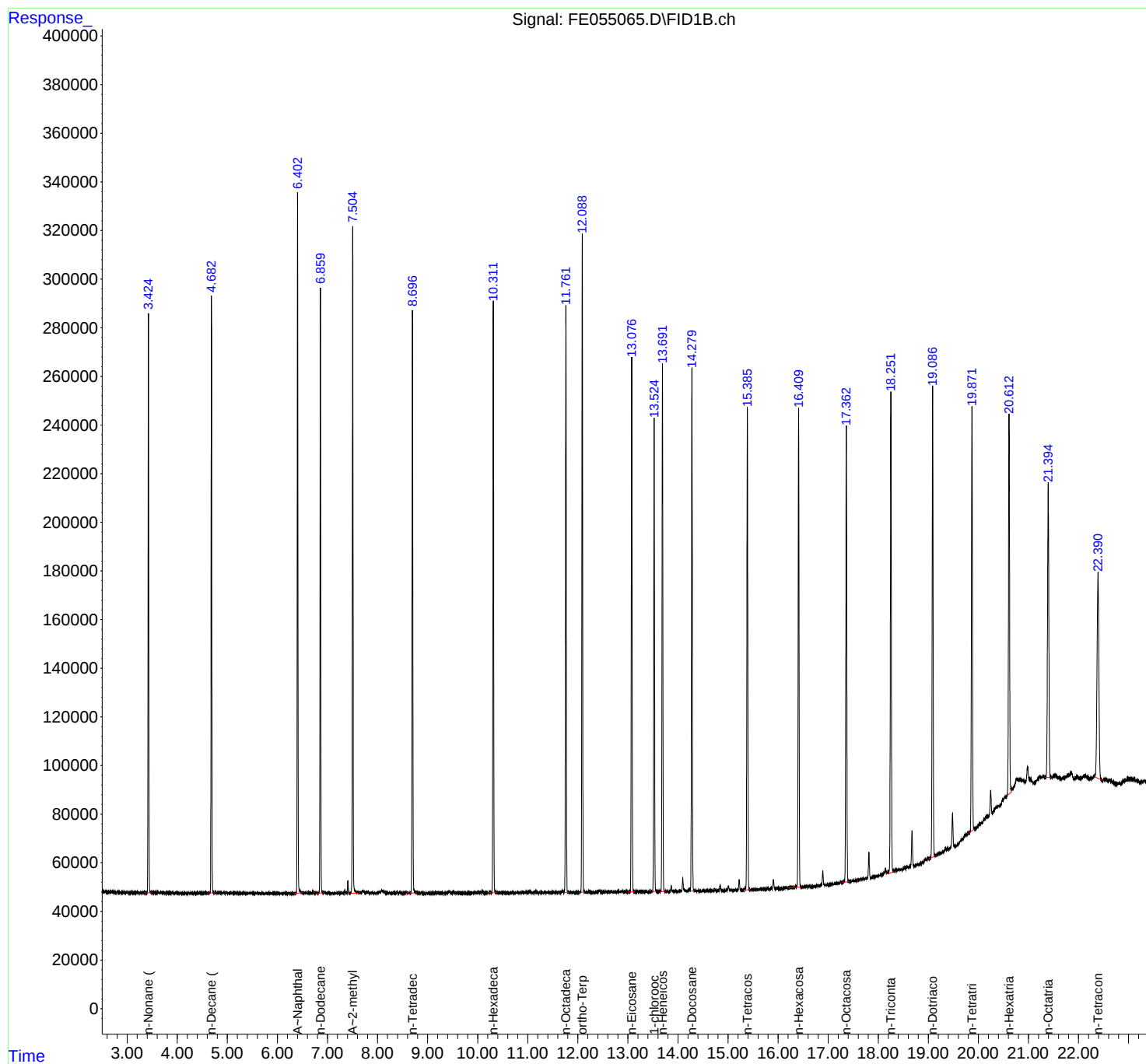
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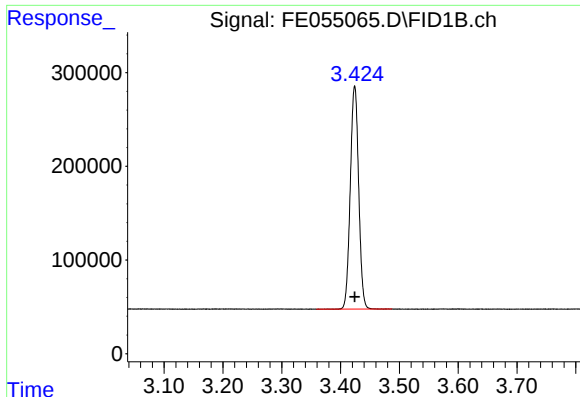
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072925AL\
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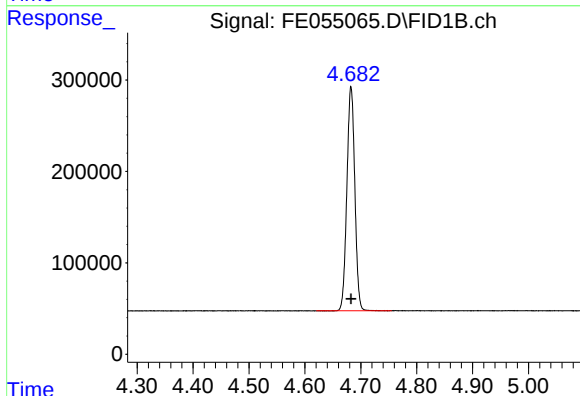




#1 n-Nonane (C9)

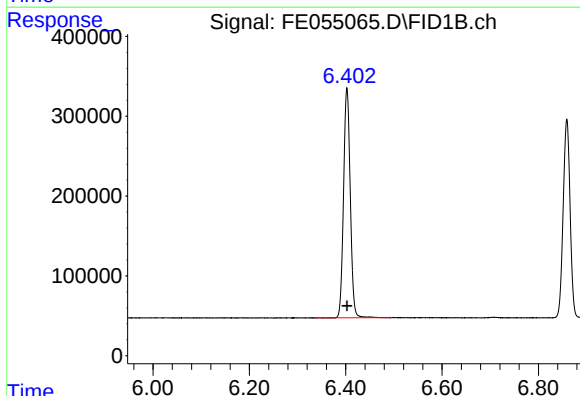
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 2359959
Conc: 19.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



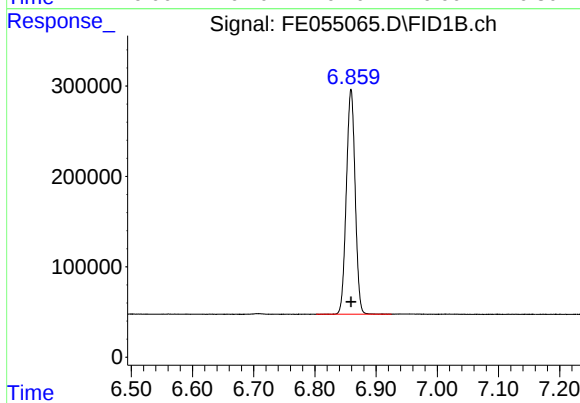
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 2422613
Conc: 19.57 ug/ml



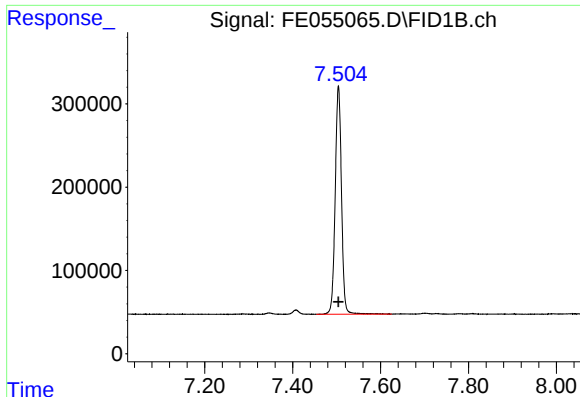
#3 A~Naphthalene (C11.7)

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 2794597
Conc: 19.63 ug/ml



#4 n-Dodecane (C12)

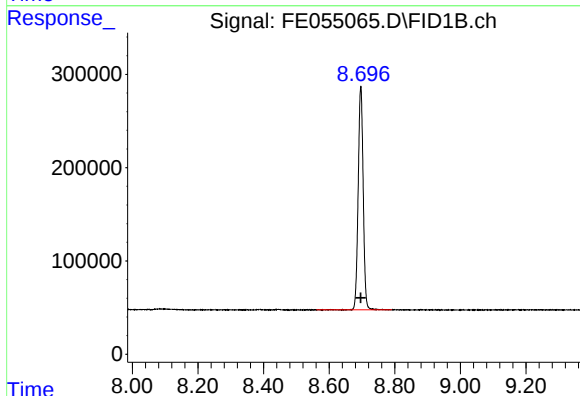
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 2488449
Conc: 19.63 ug/ml



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

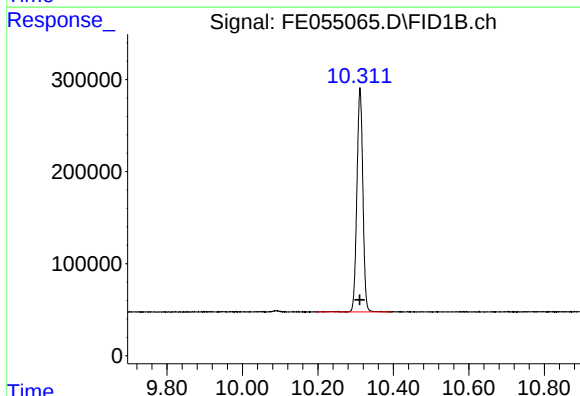
R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 2728701
Conc: 19.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



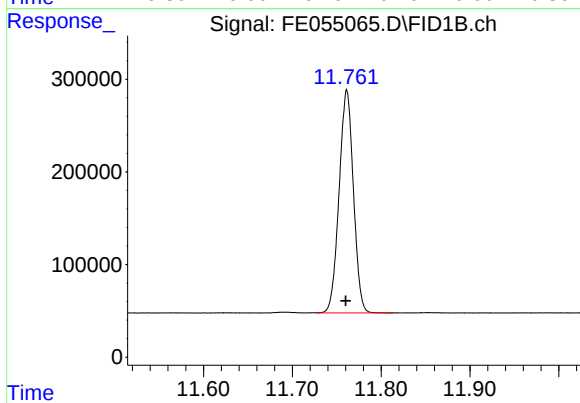
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 2545239
Conc: 19.38 ug/ml



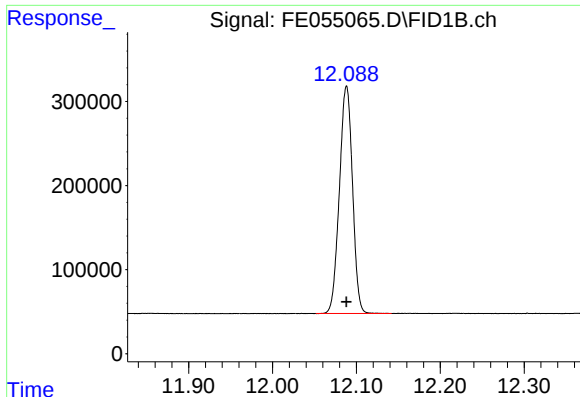
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.000 min
Response: 2660337
Conc: 19.78 ug/ml



#8 n-Octadecane (C18)

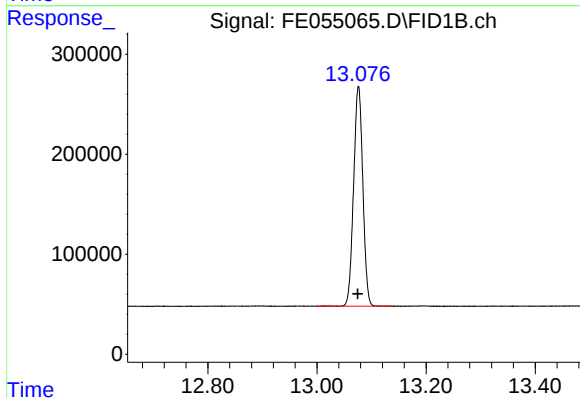
R.T.: 11.761 min
Delta R.T.: 0.000 min
Response: 2695432
Conc: 19.80 ug/ml



#9 ortho-Terphenyl (SURR)

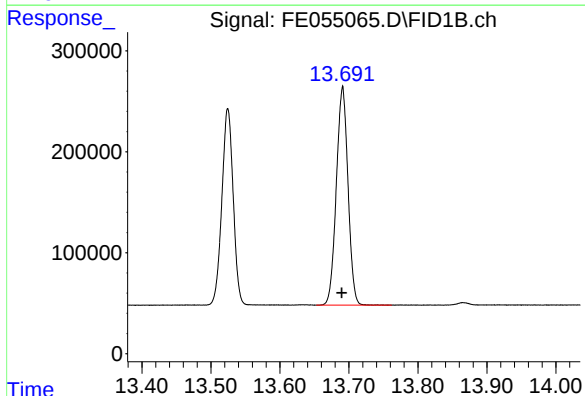
R.T.: 12.088 min
Delta R.T.: 0.000 min
Response: 2939859
Conc: 19.86 ug/ml

Instrument :
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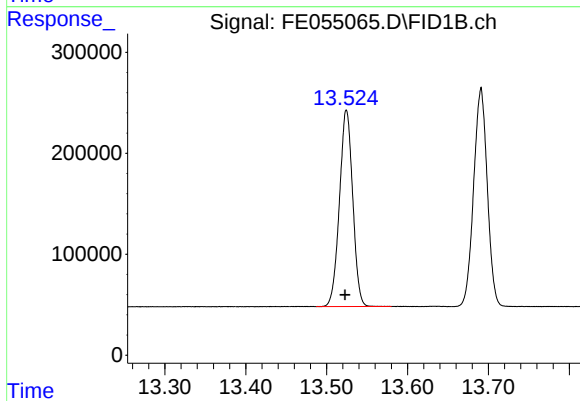
#10 n-Eicosane (C20)

R.T.: 13.076 min
Delta R.T.: 0.001 min
Response: 2590437
Conc: 19.91 ug/ml



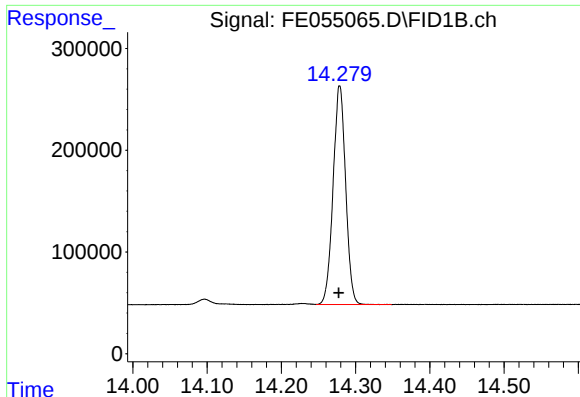
#11 n-Heneicosane (C21)

R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 2534938
Conc: 19.93 ug/ml



#12 1-chlorooctadecane (SURR)

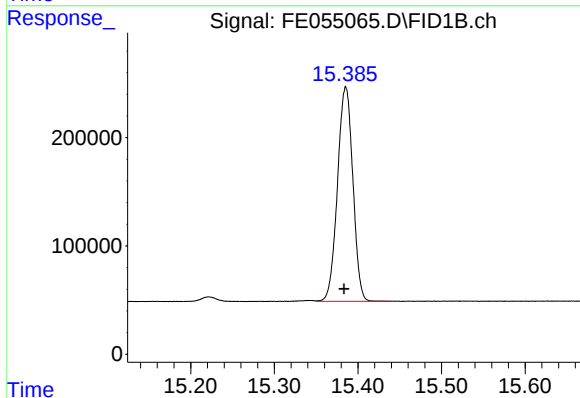
R.T.: 13.525 min
Delta R.T.: 0.002 min
Response: 2216945
Conc: 19.80 ug/ml



#13 n-Docosane (C22)

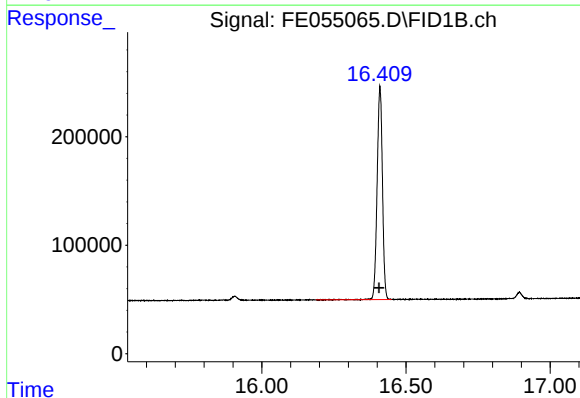
R.T.: 14.279 min
Delta R.T.: 0.001 min
Response: 2522979
Conc: 19.99 ug/ml

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20 PPM ALIPHATIC HC STD



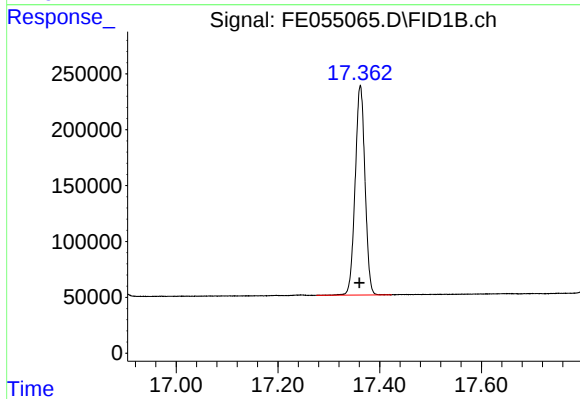
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: 0.002 min
Response: 2529675
Conc: 20.18 ug/ml



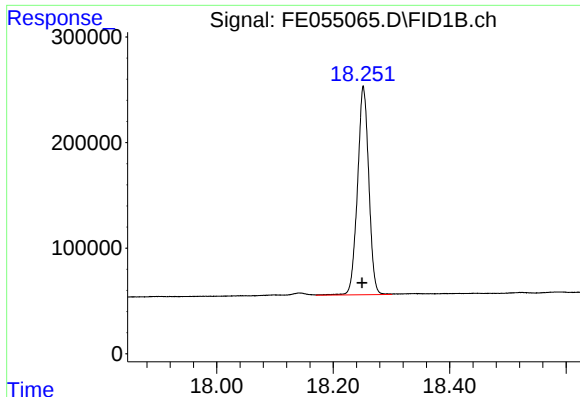
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.003 min
Response: 2516173
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

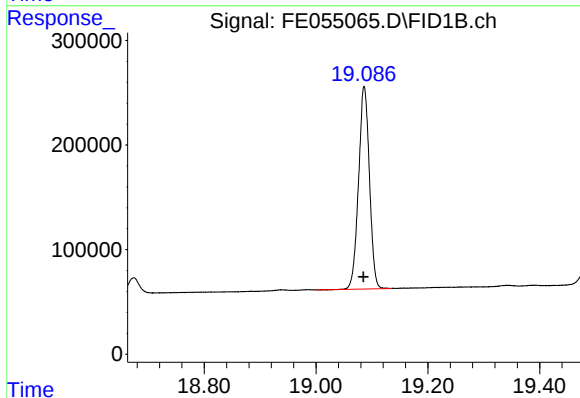
R.T.: 17.362 min
Delta R.T.: 0.002 min
Response: 2509891
Conc: 20.25 ug/ml



#17 n-Tricontane (C30)

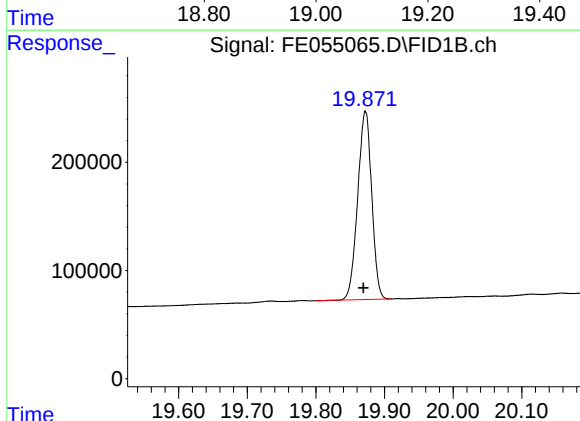
R.T.: 18.252 min
Delta R.T.: 0.002 min
Response: 2652279
Conc: 20.24 ug/ml

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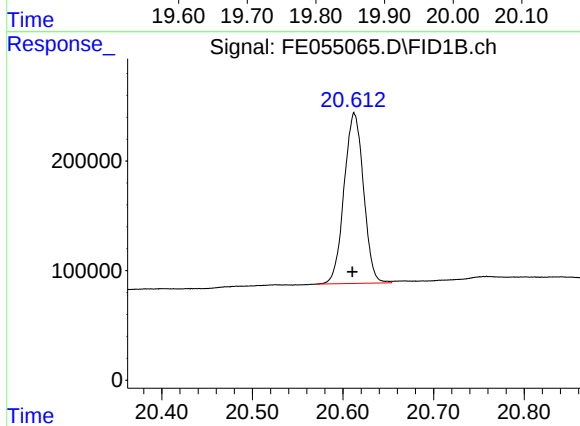
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.002 min
Response: 2616422
Conc: 20.07 ug/ml



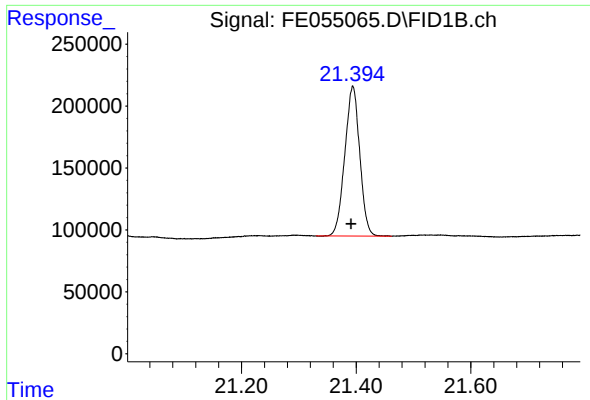
#19 n-Tetratriacontane (C34)

R.T.: 19.872 min
Delta R.T.: 0.003 min
Response: 2471646
Conc: 19.94 ug/ml



#20 n-Hexatriacontane (C36)

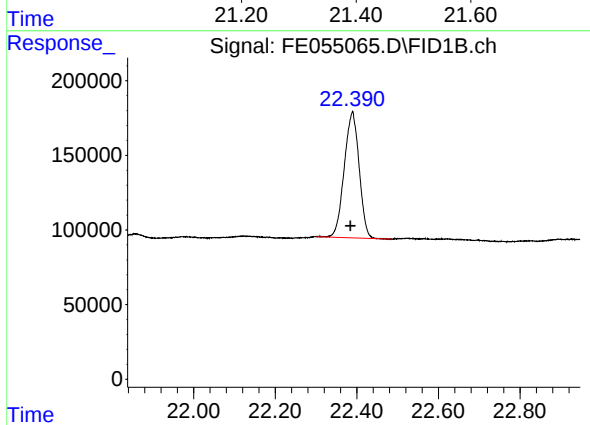
R.T.: 20.613 min
Delta R.T.: 0.002 min
Response: 2318377
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: 0.003 min
Response: 2187288
Conc: 19.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.389 min
Delta R.T.: 0.005 min
Response: 2137458
Conc: 19.38 ug/ml