

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072425AL\
 Data File : FE055018.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jul 2025 13:54
 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: autoint1.e
 Quant Time: Jul 25 02:22:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.089	3066922	18.886 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
12) S 1-chlorooctadecane (S...	13.525	2323531	18.398 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
Target Compounds			
1) T n-Nonane (C9)	3.425	2490772	18.518 ug/ml
2) T n-Decane (C10)	4.684	2610269	19.130 ug/ml
3) T A~Naphthalene (C11.7)	6.404	2978740	19.673 ug/ml
4) T n-Dodecane (C12)	6.860	2679073	19.526 ug/ml
5) T A~2-methylnaphthalene...	7.505	2904977	19.761 ug/ml
6) T n-Tetradecane (C14)	8.697	2722177	19.637 ug/ml
7) T n-Hexadecane (C16)	10.312	2811470	19.728 ug/ml
8) T n-Octadecane (C18)	11.762	2824582	19.273 ug/ml
10) T n-Eicosane (C20)	13.077	2697096	18.757 ug/ml
11) T n-Heneicosane (C21)	13.690	2641431	18.493 ug/ml
13) T n-Docosane (C22)	14.279	2623028	18.370 ug/ml
14) T n-Tetracosane (C24)	15.386	2626406	18.068 ug/ml
15) T n-Hexacosane (C26)	16.410	2601701	17.978 ug/ml
16) T n-Octacosane (C28)	17.363	2591051	17.779 ug/ml
17) T n-Tricontane (C30)	18.251	2788045	17.692 ug/ml
18) T n-Dotriacontane (C32)	19.087	2788949	17.238 ug/ml
19) T n-Tetratriacontane (C34)	19.871	2659361	17.451 ug/ml
20) T n-Hexatriacontane (C36)	20.613	2440825	18.153 ug/ml
21) T n-Octatriacontane (C38)	21.393	2425197	20.678 ug/ml
22) T n-Tetracontane (C40)	22.387	2308907	21.303 ug/ml

(f)=RT Delta > 1/2 Window

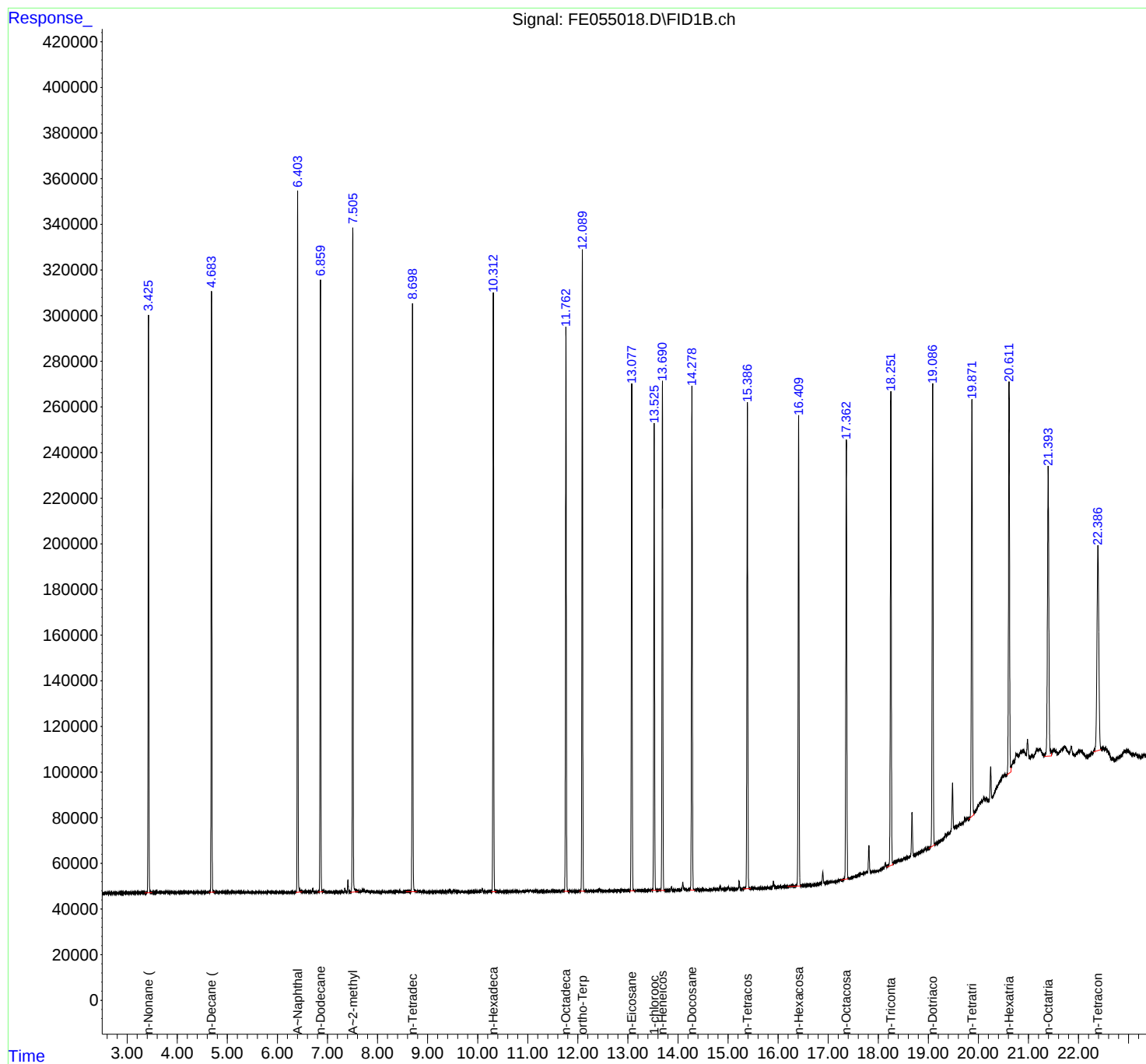
(m)=manual int.

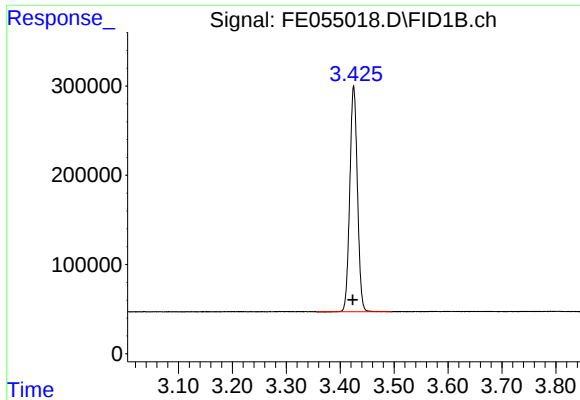
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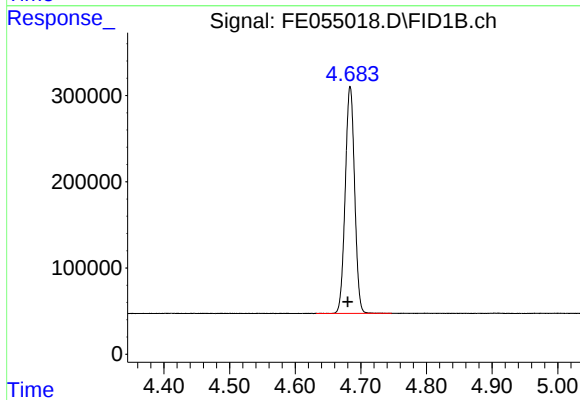




#1 n-Nonane (C9)

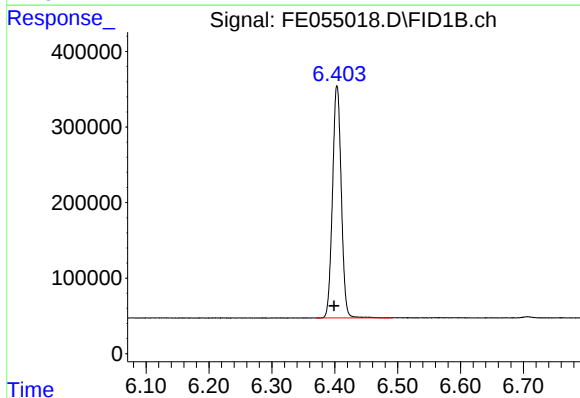
R.T.: 3.425 min
Delta R.T.: 0.002 min
Response: 2490772
Conc: 18.52 ug/ml

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20 PPM ALIPHATIC HC STD



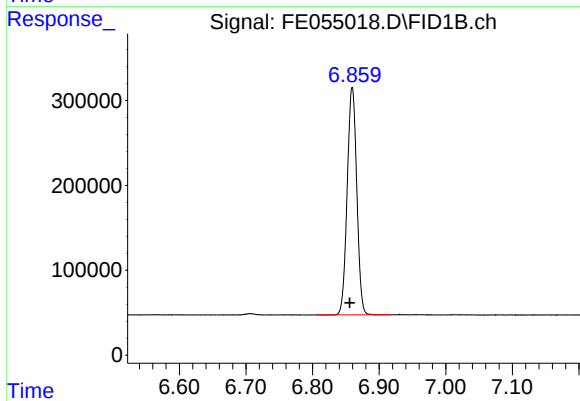
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.004 min
Response: 2610269
Conc: 19.13 ug/ml



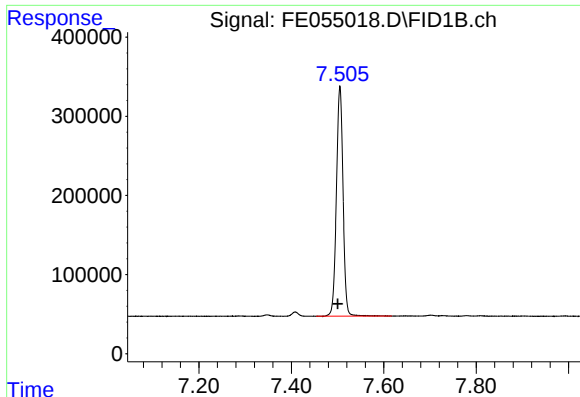
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.005 min
Response: 2978740
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

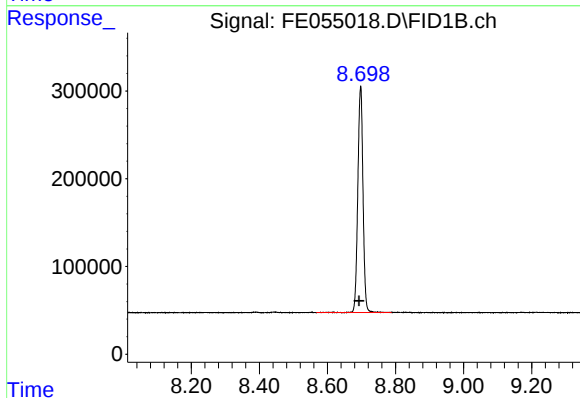
R.T.: 6.860 min
Delta R.T.: 0.003 min
Response: 2679073
Conc: 19.53 ug/ml



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

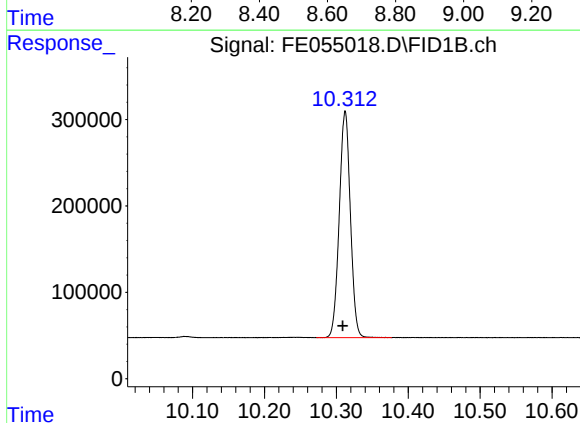
R.T.: 7.505 min
Delta R.T.: 0.005 min
Response: 2904977
Conc: 19.76 ug/ml

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20 PPM ALIPHATIC HC STD



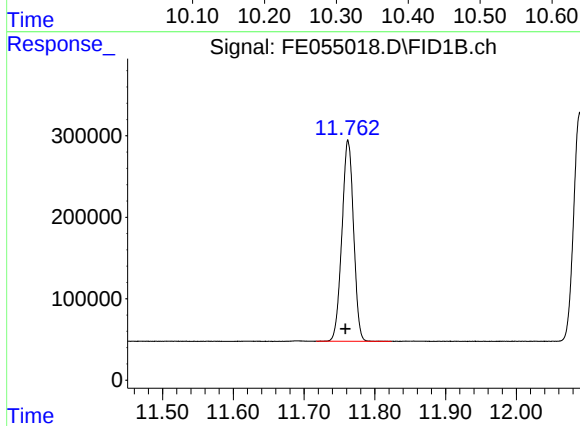
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.004 min
Response: 2722177
Conc: 19.64 ug/ml



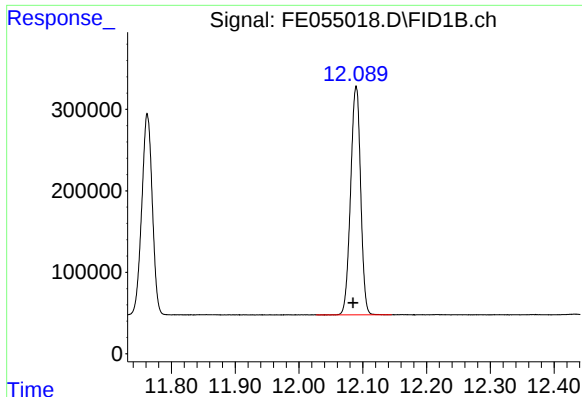
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 2811470
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

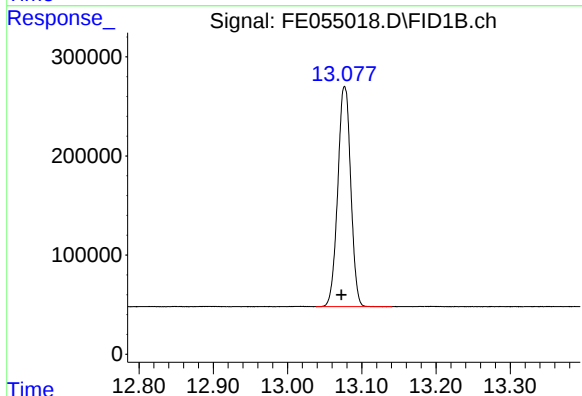
R.T.: 11.762 min
Delta R.T.: 0.004 min
Response: 2824582
Conc: 19.27 ug/ml



#9 ortho-Terphenyl (SURR)

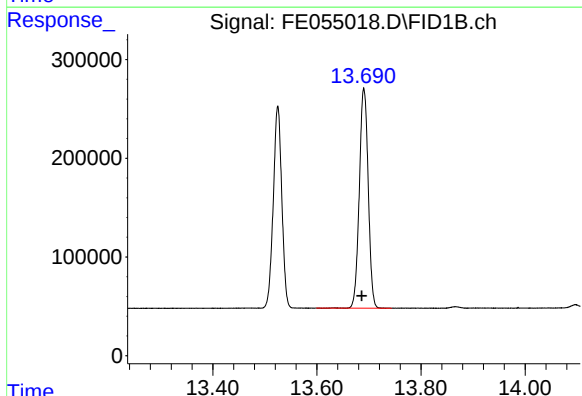
R.T.: 12.089 min
Delta R.T.: 0.005 min
Response: 3066922
Conc: 18.89 ug/ml

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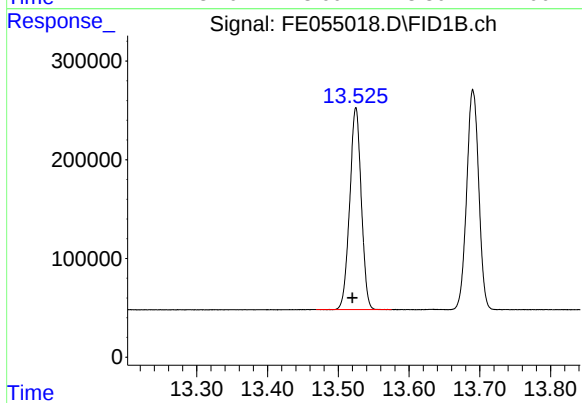
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.004 min
Response: 2697096
Conc: 18.76 ug/ml



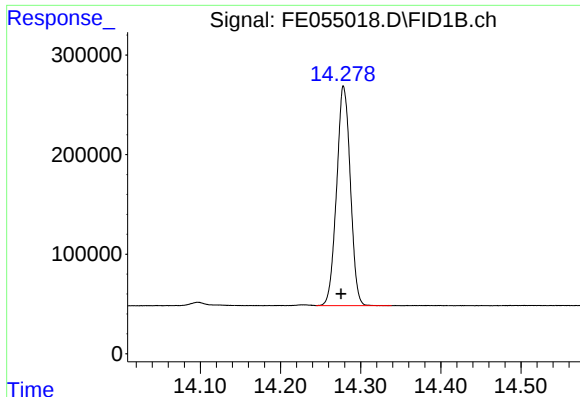
#11 n-Heneicosane (C21)

R.T.: 13.690 min
Delta R.T.: 0.004 min
Response: 2641431
Conc: 18.49 ug/ml



#12 1-chlorooctadecane (SURR)

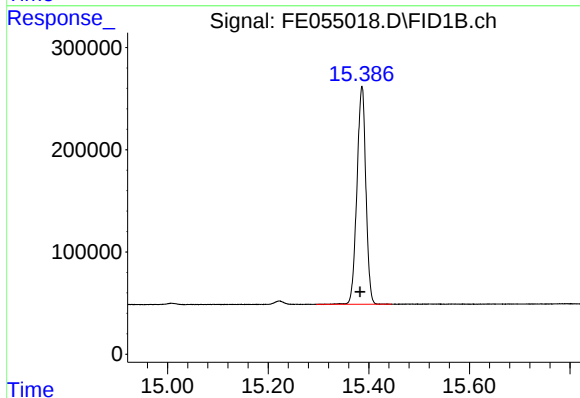
R.T.: 13.525 min
Delta R.T.: 0.005 min
Response: 2323531
Conc: 18.40 ug/ml



#13 n-Docosane (C22)

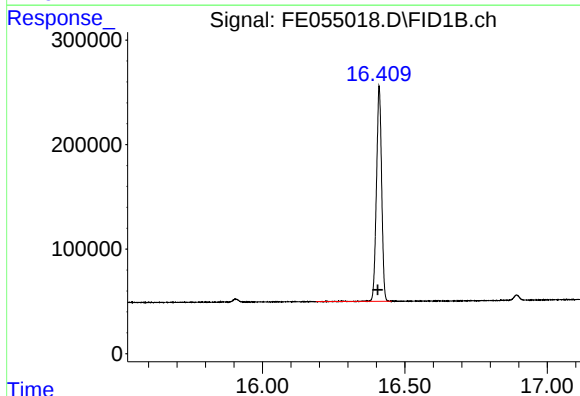
R.T.: 14.279 min
Delta R.T.: 0.004 min
Response: 2623028
Conc: 18.37 ug/ml

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20 PPM ALIPHATIC HC STD



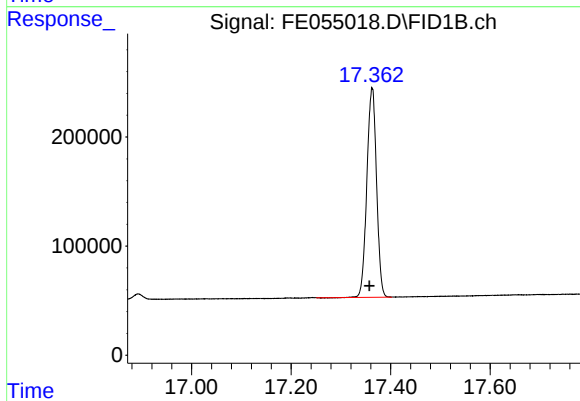
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.004 min
Response: 2626406
Conc: 18.07 ug/ml



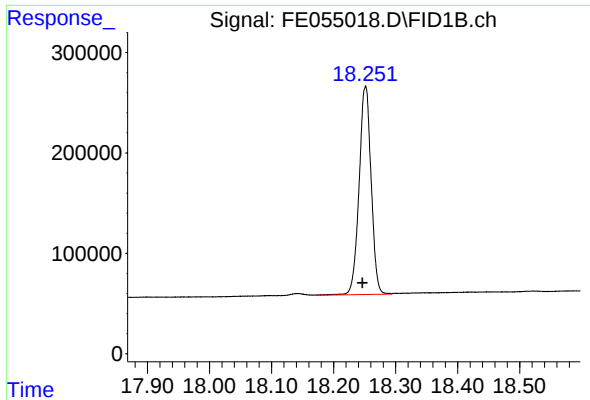
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.005 min
Response: 2601701
Conc: 17.98 ug/ml



#16 n-Octacosane (C28)

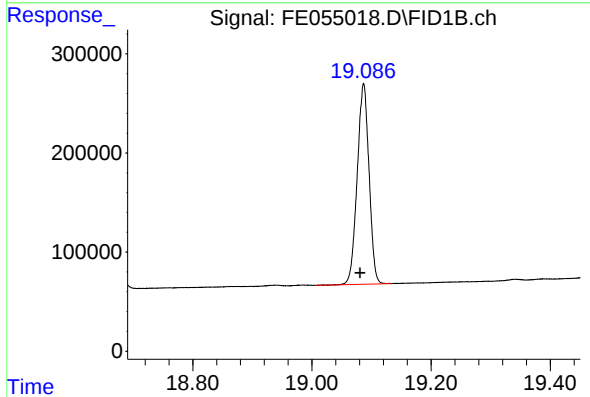
R.T.: 17.363 min
Delta R.T.: 0.005 min
Response: 2591051
Conc: 17.78 ug/ml



#17 n-Tricontane (C30)

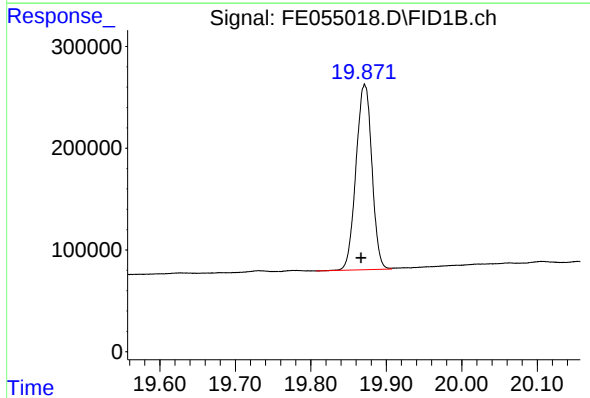
R.T.: 18.251 min
Delta R.T.: 0.005 min
Response: 2788045
Conc: 17.69 ug/ml

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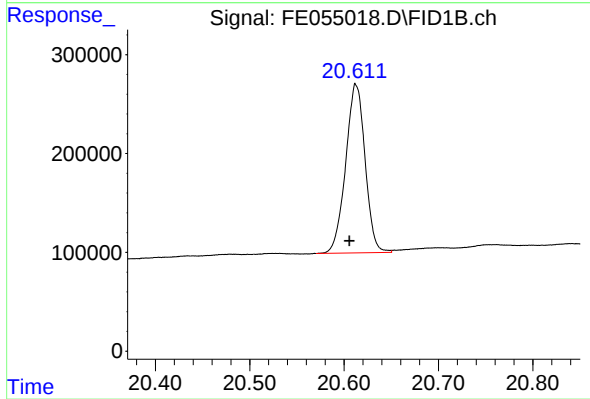
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.006 min
Response: 2788949
Conc: 17.24 ug/ml



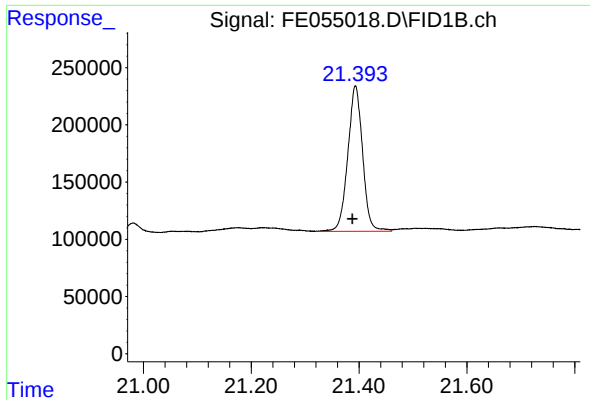
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: 0.005 min
Response: 2659361
Conc: 17.45 ug/ml



#20 n-Hexatriacontane (C36)

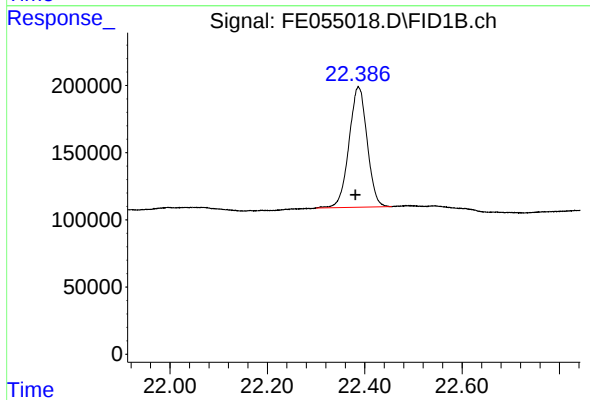
R.T.: 20.613 min
Delta R.T.: 0.007 min
Response: 2440825
Conc: 18.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.393 min
Delta R.T.: 0.006 min
Response: 2425197
Conc: 20.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.387 min
Delta R.T.: 0.006 min
Response: 2308907
Conc: 21.30 ug/ml