

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072225AL\
 Data File : FE054974.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2025 22:46
 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 23 04:34:42 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)	12.086	3196169	19.682 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
12) S 1-chlorooctadecane (S...	13.522	2430774	19.247 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
Target Compounds			
1) T n-Nonane (C9)	3.424	2572579	19.126 ug/ml
2) T n-Decane (C10)	4.682	2680272	19.643 ug/ml
3) T A~Naphthalene (C11.7)	6.401	3062211	20.224 ug/ml
4) T n-Dodecane (C12)	6.858	2750634	20.047 ug/ml
5) T A~2-methylnaphthalene...	7.502	2989396	20.335 ug/ml
6) T n-Tetradecane (C14)	8.695	2797215	20.178 ug/ml
7) T n-Hexadecane (C16)	10.309	2894601	20.312 ug/ml
8) T n-Octadecane (C18)	11.759	2933470	20.016 ug/ml
10) T n-Eicosane (C20)	13.073	2811601	19.553 ug/ml
11) T n-Heneicosane (C21)	13.688	2753967	19.281 ug/ml
13) T n-Docosane (C22)	14.275	2731997	19.133 ug/ml
14) T n-Tetracosane (C24)	15.381	2727223	18.761 ug/ml
15) T n-Hexacosane (C26)	16.405	2684169	18.548 ug/ml
16) T n-Octacosane (C28)	17.357	2677095	18.369 ug/ml
17) T n-Tricontane (C30)	18.245	2826113	17.934 ug/ml
18) T n-Dotriacontane (C32)	19.080	2844810	17.584 ug/ml
19) T n-Tetratriacontane (C34)	19.865	2697692	17.702 ug/ml
20) T n-Hexatriacontane (C36)	20.605	2457671	18.279 ug/ml
21) T n-Octatriacontane (C38)	21.384	2388647	20.366 ug/ml
22) T n-Tetracontane (C40)	22.374	2288973	21.119 ug/ml

(f)=RT Delta > 1/2 Window

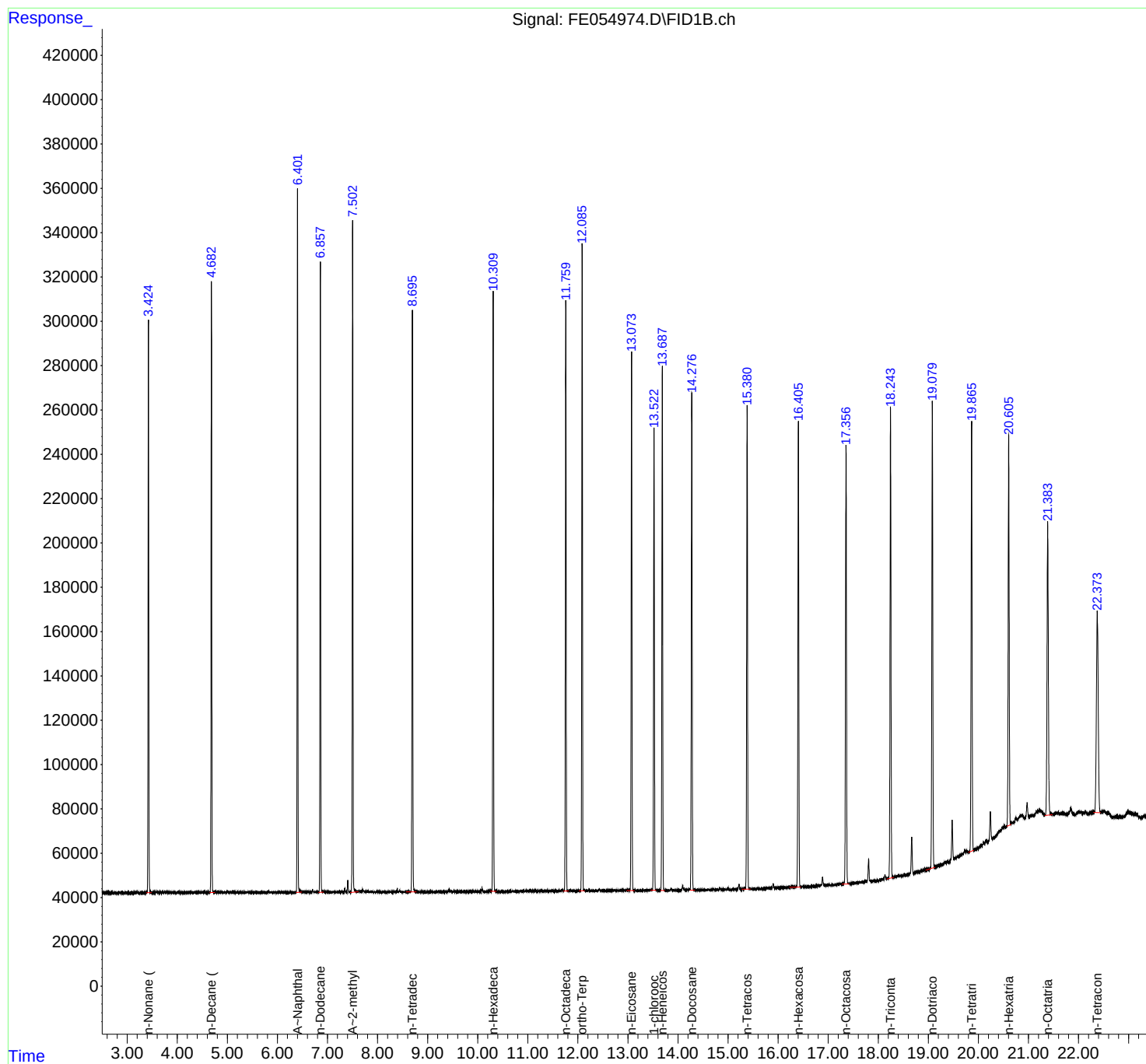
(m)=manual int.

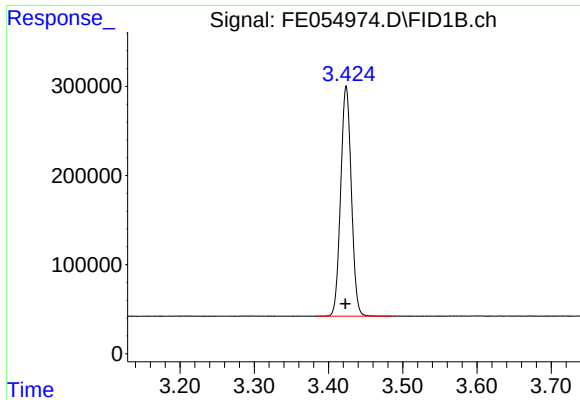
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072225AL\
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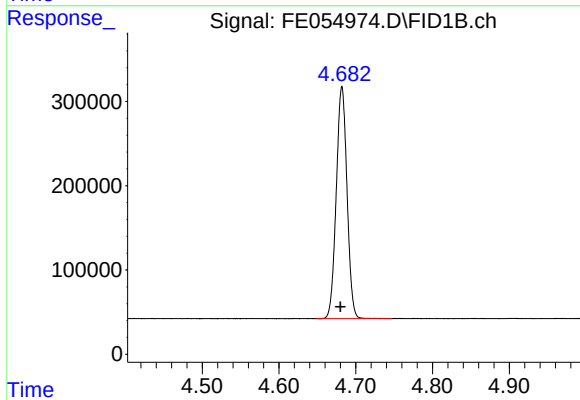




#1 n-Nonane (C9)

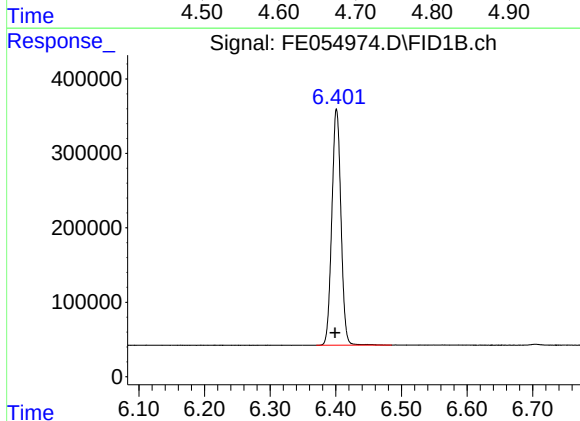
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 2572579
Conc: 19.13 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



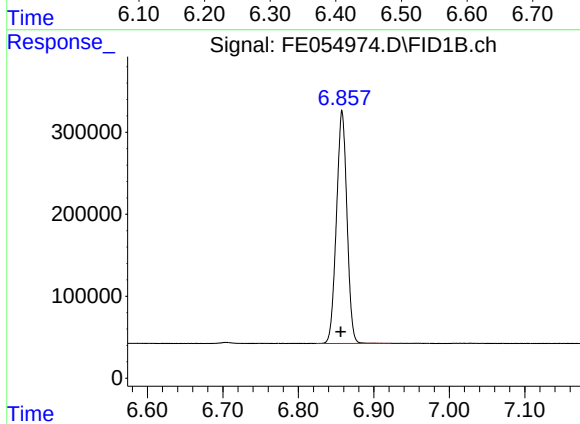
#2 n-Decane (C10)

R.T.: 4.682 min
Delta R.T.: 0.002 min
Response: 2680272
Conc: 19.64 ug/ml



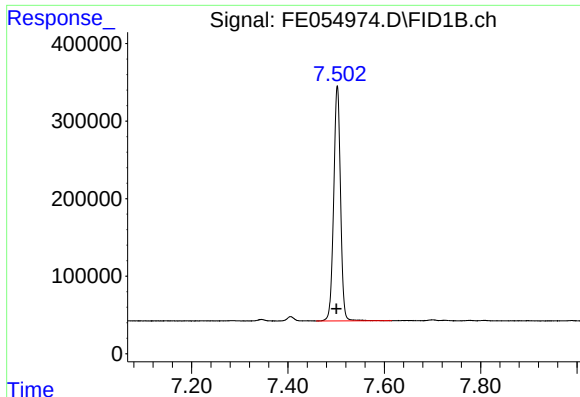
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.002 min
Response: 3062211
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

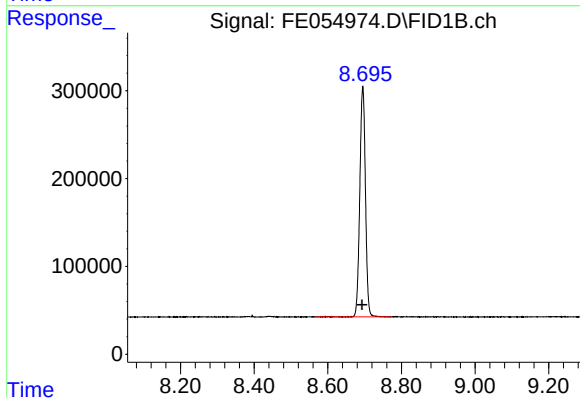
R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 2750634
Conc: 20.05 ug/ml



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

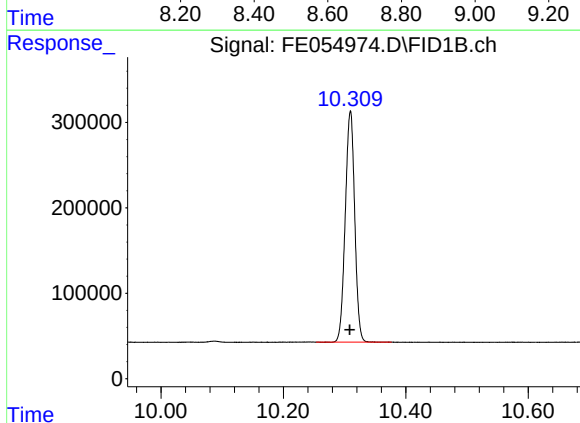
R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 2989396
Conc: 20.34 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



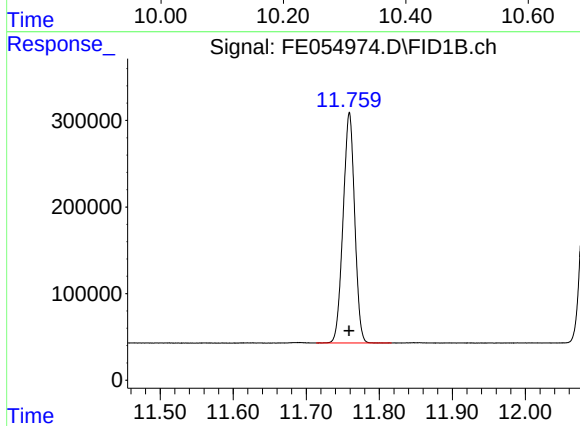
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: 0.002 min
Response: 2797215
Conc: 20.18 ug/ml



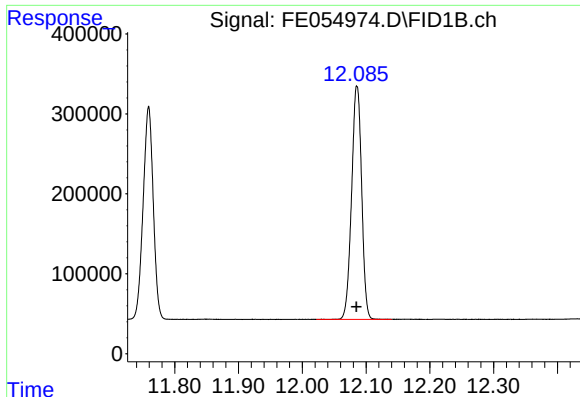
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 2894601
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

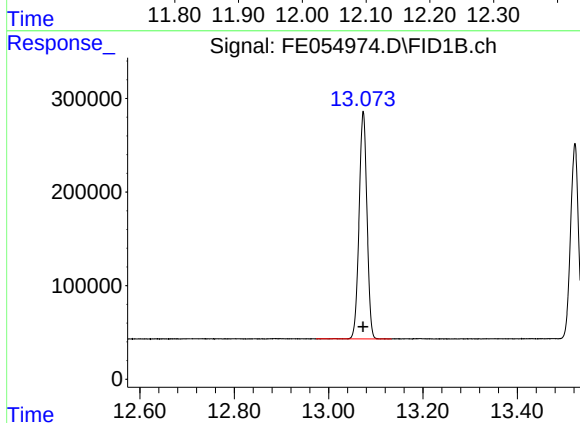
R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 2933470
Conc: 20.02 ug/ml



#9 ortho-Terphenyl (SURRE)

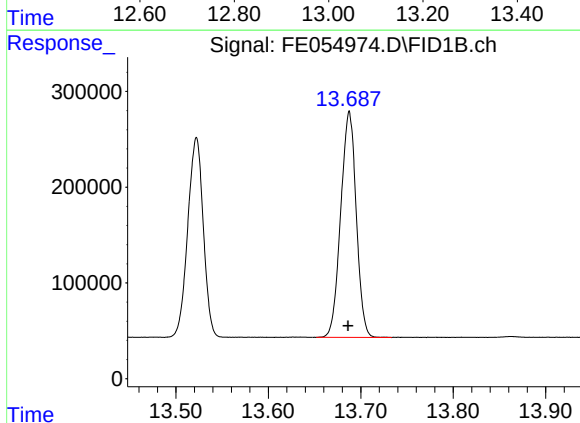
R.T.: 12.086 min
Delta R.T.: 0.001 min
Response: 3196169
Conc: 19.68 ug/ml

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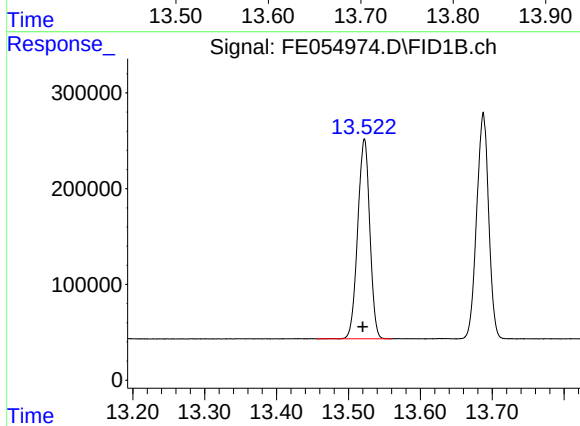
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 2811601
Conc: 19.55 ug/ml



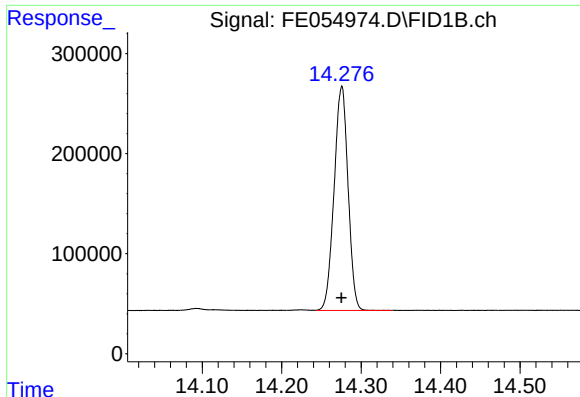
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.001 min
Response: 2753967
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURRE)

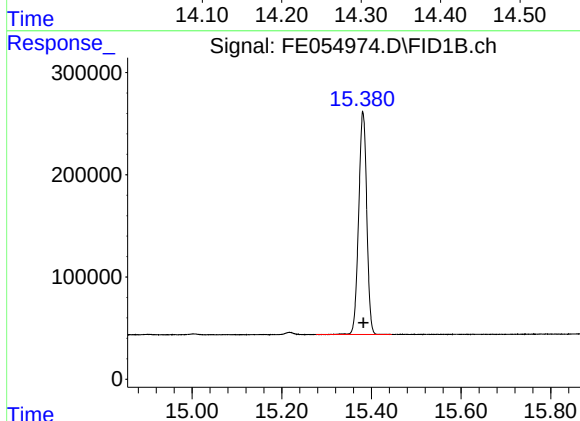
R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 2430774
Conc: 19.25 ug/ml



#13 n-Docosane (C22)

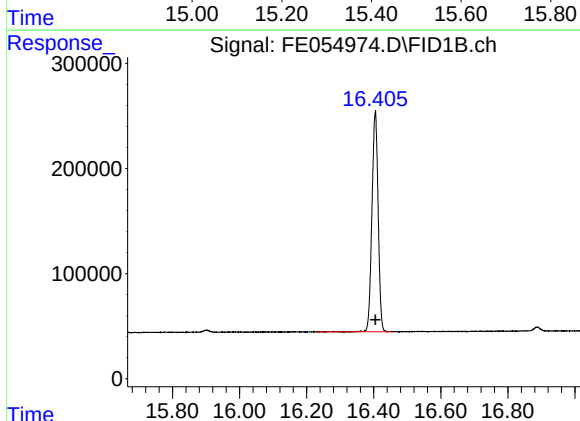
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 2731997
Conc: 19.13 ug/ml

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20 PPM ALIPHATIC HC STD



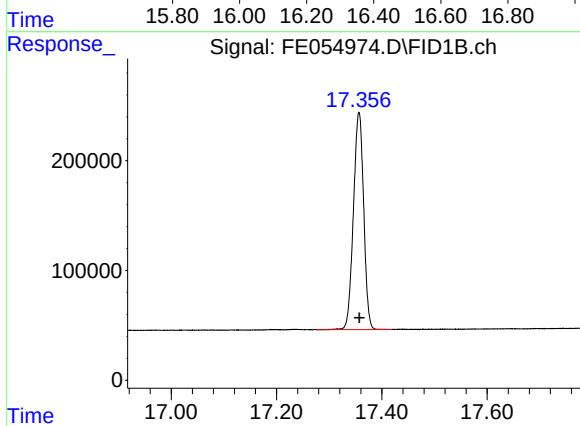
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: -0.001 min
Response: 2727223
Conc: 18.76 ug/ml



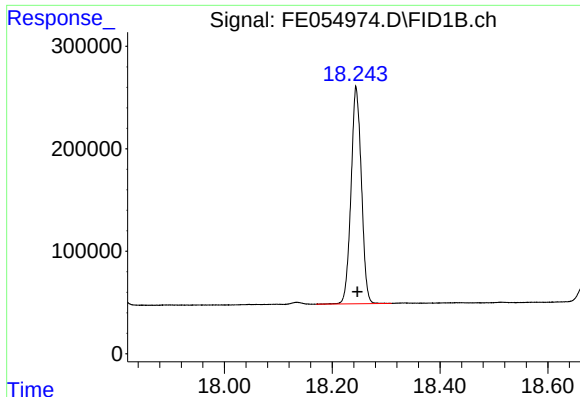
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 2684169
Conc: 18.55 ug/ml



#16 n-Octacosane (C28)

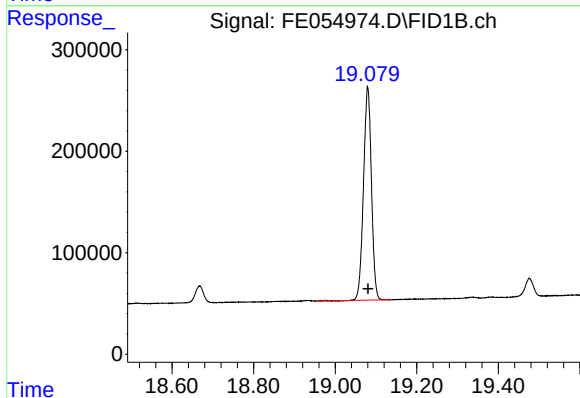
R.T.: 17.357 min
Delta R.T.: -0.001 min
Response: 2677095
Conc: 18.37 ug/ml



#17 n-Tricontane (C30)

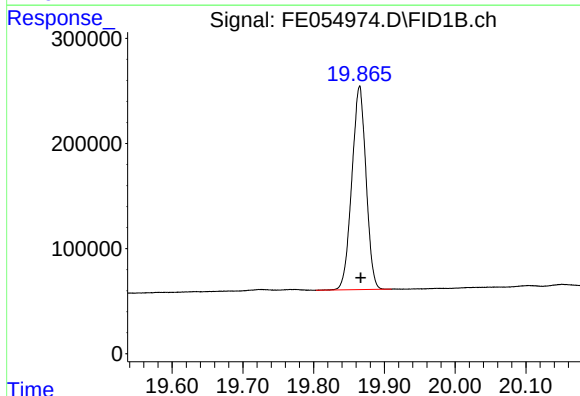
R.T.: 18.245 min
Delta R.T.: -0.002 min
Response: 2826113
Conc: 17.93 ug/ml

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20 PPM ALIPHATIC HC STD



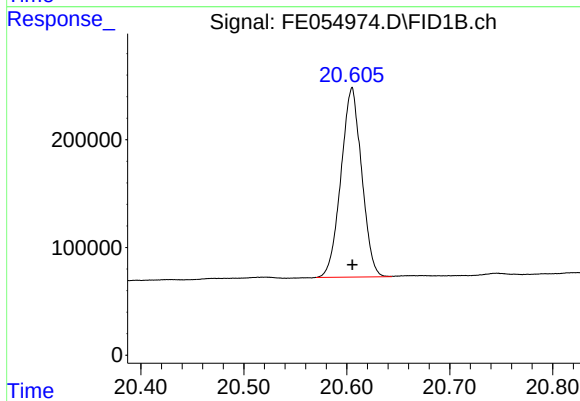
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: 0.000 min
Response: 2844810
Conc: 17.58 ug/ml



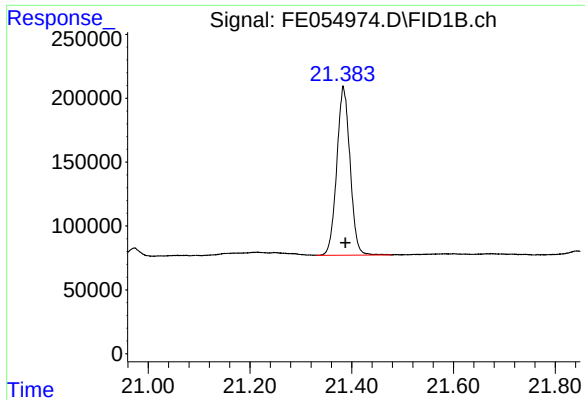
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.002 min
Response: 2697692
Conc: 17.70 ug/ml



#20 n-Hexatriacontane (C36)

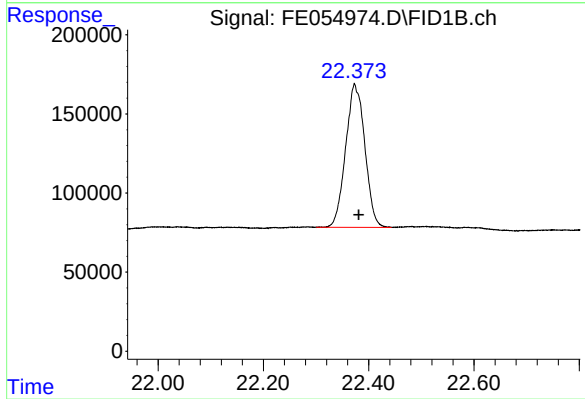
R.T.: 20.605 min
Delta R.T.: 0.000 min
Response: 2457671
Conc: 18.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.004 min
Response: 2388647
Conc: 20.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.374 min
Delta R.T.: -0.007 min
Response: 2288973
Conc: 21.12 ug/ml