

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010925AL\
 Data File : FE051882.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2025 06:27
 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: Jan 09 09:42:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 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)	12.146	2795117	19.283 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
12) S 1-chlorooctadecane (S...	13.573	2159480	18.793 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
Target Compounds			
1) T n-Nonane (C9)	3.555	2158446	19.542 ug/ml
2) T n-Decane (C10)	4.797	2271590	19.963 ug/ml
3) T A~Naphthalene (C11.7)	6.503	2591707	20.321 ug/ml
4) T n-Dodecane (C12)	6.949	2381421	20.279 ug/ml
5) T A~2-methylnaphthalene...	7.593	2554237	20.408 ug/ml
6) T n-Tetradecane (C14)	8.772	2437643	20.331 ug/ml
7) T n-Hexadecane (C16)	10.376	2565979	20.051 ug/ml
8) T n-Octadecane (C18)	11.817	2616554	19.664 ug/ml
10) T n-Eicosane (C20)	13.127	2518857	19.144 ug/ml
11) T n-Heneicosane (C21)	13.738	2466625	18.769 ug/ml
13) T n-Docosane (C22)	14.325	2465265	18.792 ug/ml
14) T n-Tetracosane (C24)	15.425	2474401	18.681 ug/ml
15) T n-Hexacosane (C26)	16.447	2424977	18.481 ug/ml
16) T n-Octacosane (C28)	17.395	2403994	18.619 ug/ml
17) T n-Tricontane (C30)	18.282	2460643	18.718 ug/ml
18) T n-Dotriacontane (C32)	19.113	2369653	18.672 ug/ml
19) T n-Tetratriacontane (C34)	19.896	2024581	18.221 ug/ml
20) T n-Hexatriacontane (C36)	20.636	1742424	17.661 ug/ml
21) T n-Octatriacontane (C38)	21.423	1676139	17.703 ug/ml
22) T n-Tetracontane (C40)	22.426	1697125	18.436 ug/ml

(f)=RT Delta > 1/2 Window

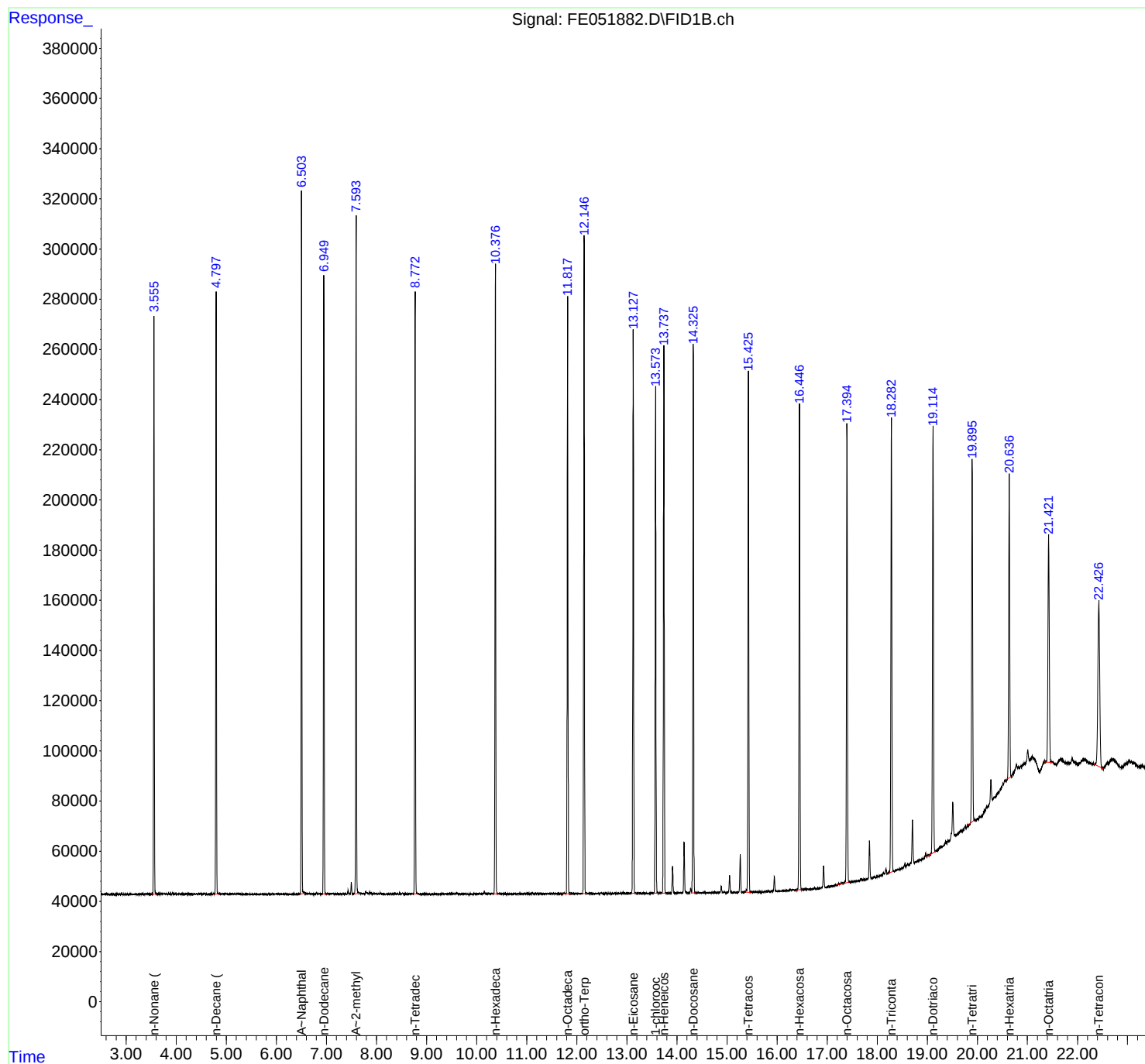
(m)=manual int.

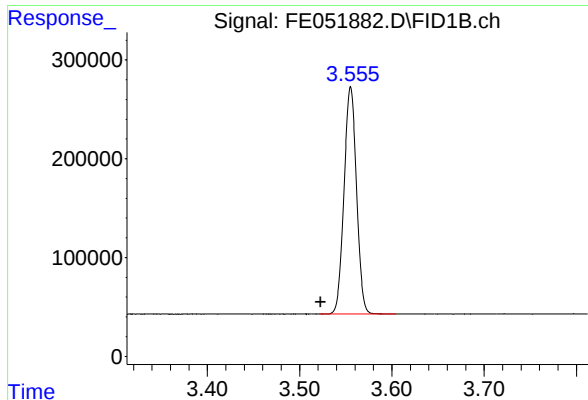
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010925AL\
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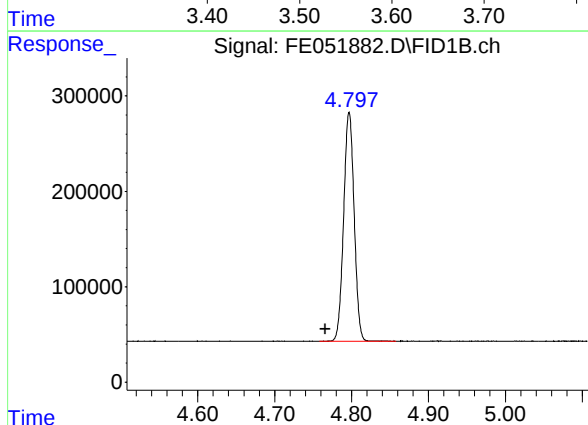




#1 n-Nonane (C9)

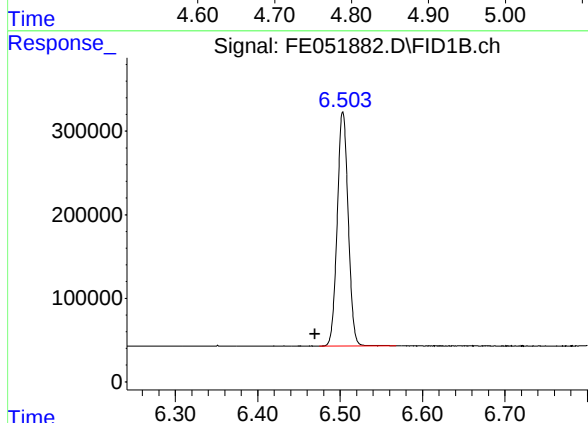
R.T.: 3.555 min
Delta R.T.: 0.032 min
Response: 2158446
Conc: 19.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



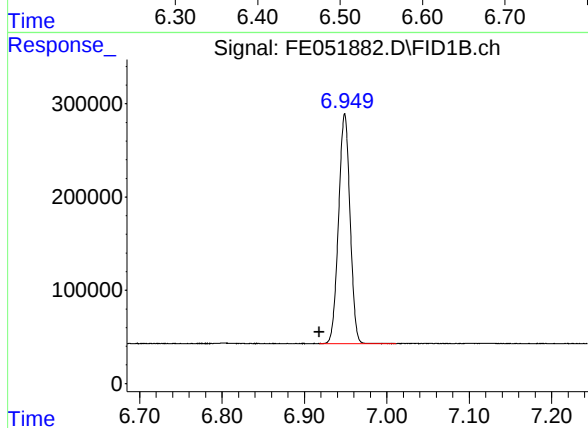
#2 n-Decane (C10)

R.T.: 4.797 min
Delta R.T.: 0.031 min
Response: 2271590
Conc: 19.96 ug/ml



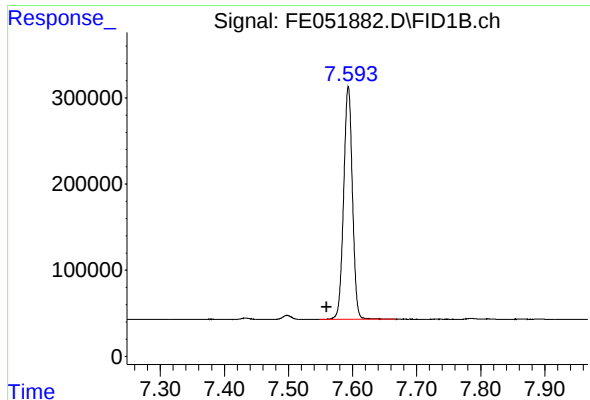
#3 A~Naphthalene (C11.7)

R.T.: 6.503 min
Delta R.T.: 0.034 min
Response: 2591707
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

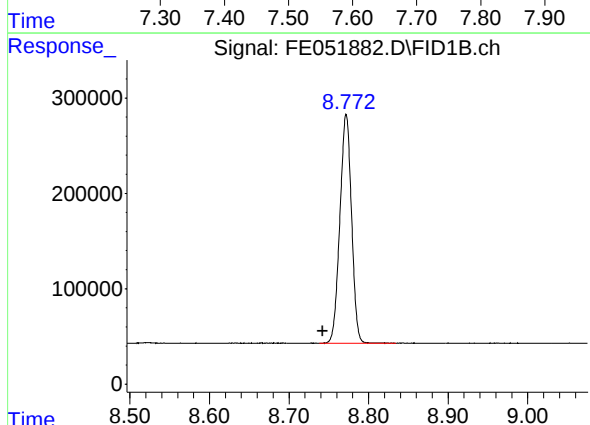
R.T.: 6.949 min
Delta R.T.: 0.030 min
Response: 2381421
Conc: 20.28 ug/ml



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

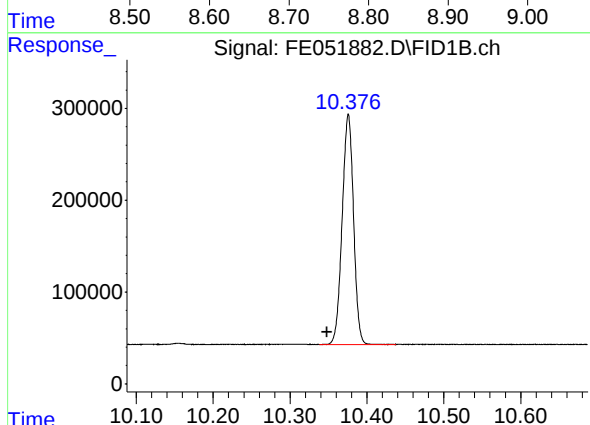
R.T.: 7.593 min
Delta R.T.: 0.034 min
Response: 2554237
Conc: 20.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



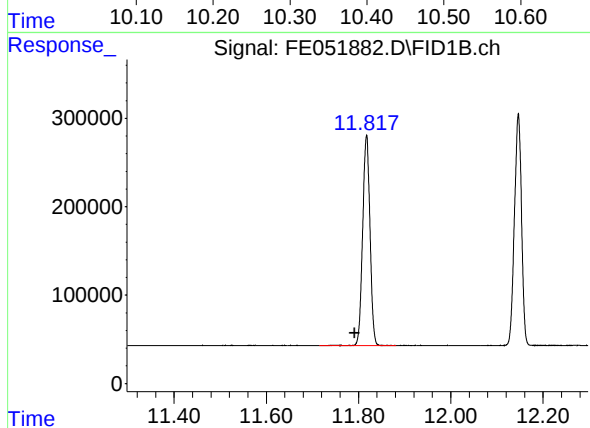
#6 n-Tetradecane (C14)

R.T.: 8.772 min
Delta R.T.: 0.029 min
Response: 2437643
Conc: 20.33 ug/ml



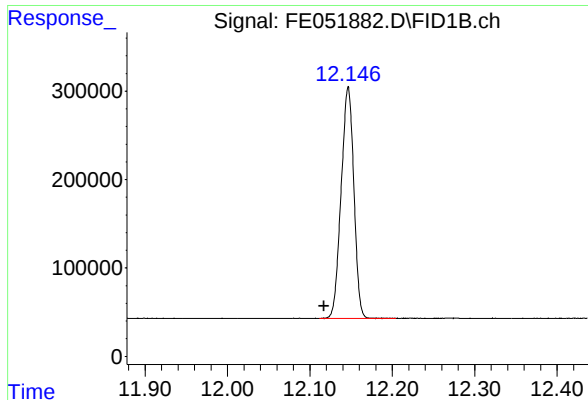
#7 n-Hexadecane (C16)

R.T.: 10.376 min
Delta R.T.: 0.028 min
Response: 2565979
Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

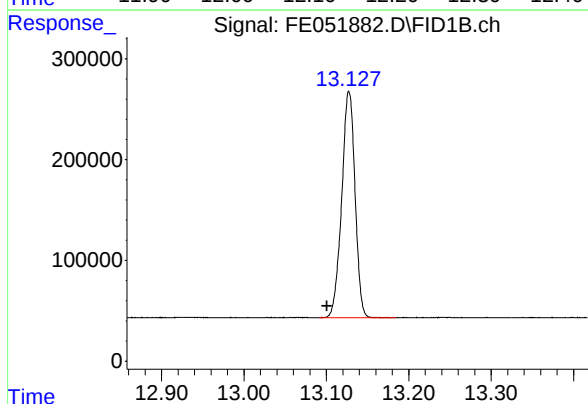
R.T.: 11.817 min
Delta R.T.: 0.026 min
Response: 2616554
Conc: 19.66 ug/ml



#9 ortho-Terphenyl (SURR)

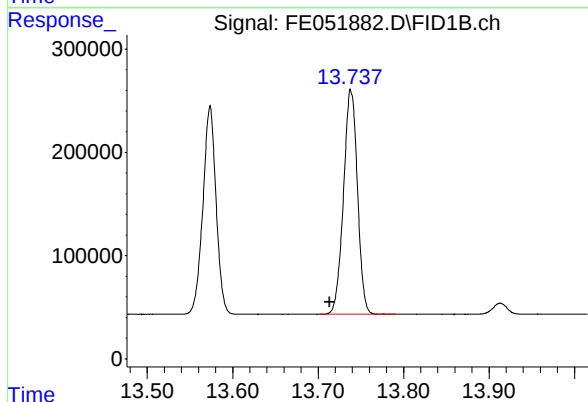
R.T.: 12.146 min
Delta R.T.: 0.030 min
Response: 2795117
Conc: 19.28 ug/ml

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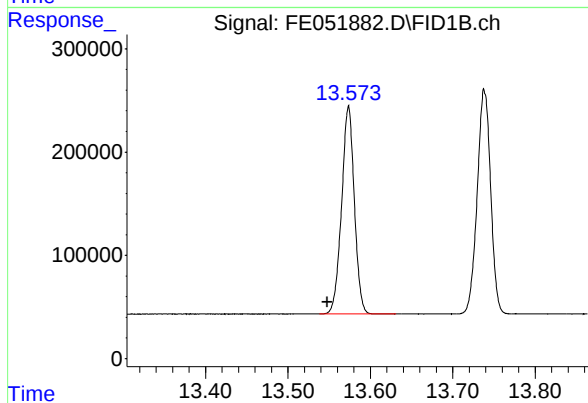
#10 n-Eicosane (C20)

R.T.: 13.127 min
Delta R.T.: 0.026 min
Response: 2518857
Conc: 19.14 ug/ml



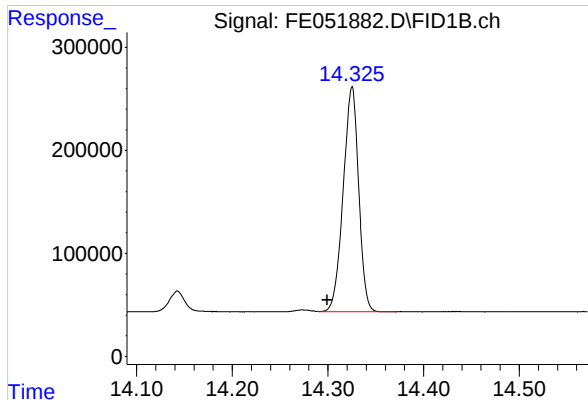
#11 n-Heneicosane (C21)

R.T.: 13.738 min
Delta R.T.: 0.025 min
Response: 2466625
Conc: 18.77 ug/ml



#12 1-chlorooctadecane (SURR)

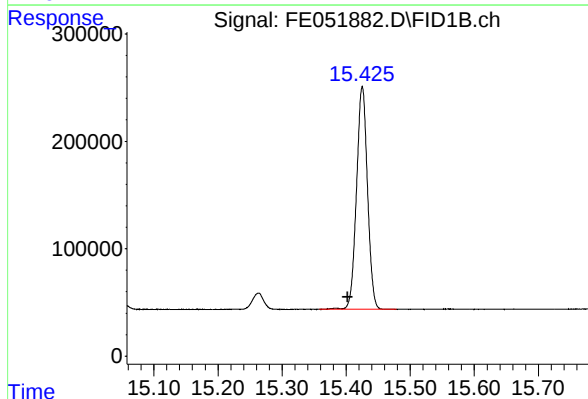
R.T.: 13.573 min
Delta R.T.: 0.026 min
Response: 2159480
Conc: 18.79 ug/ml



#13 n-Docosane (C22)

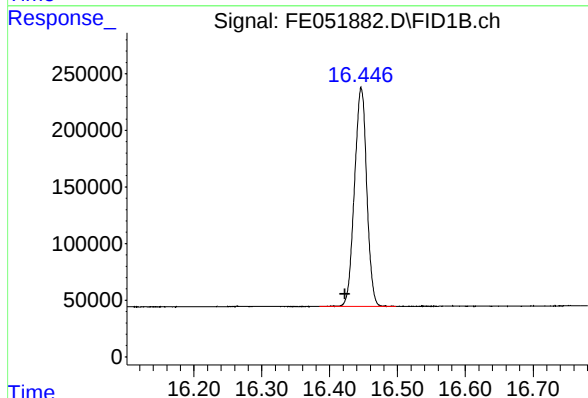
R.T.: 14.325 min
Delta R.T.: 0.025 min
Response: 2465265
Conc: 18.79 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



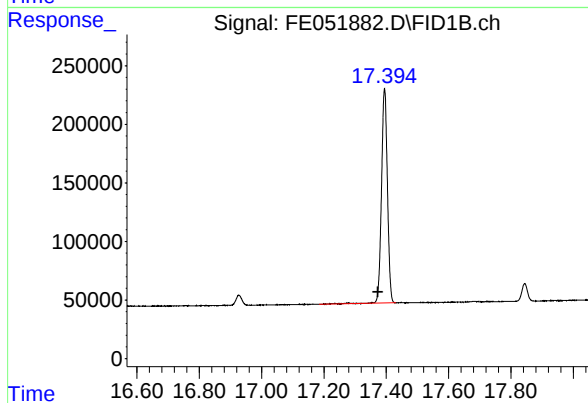
#14 n-Tetracosane (C24)

R.T.: 15.425 min
Delta R.T.: 0.023 min
Response: 2474401
Conc: 18.68 ug/ml



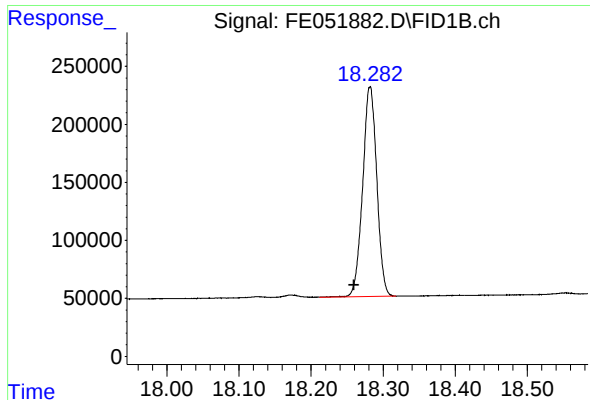
#15 n-Hexacosane (C26)

R.T.: 16.447 min
Delta R.T.: 0.024 min
Response: 2424977
Conc: 18.48 ug/ml



#16 n-Octacosane (C28)

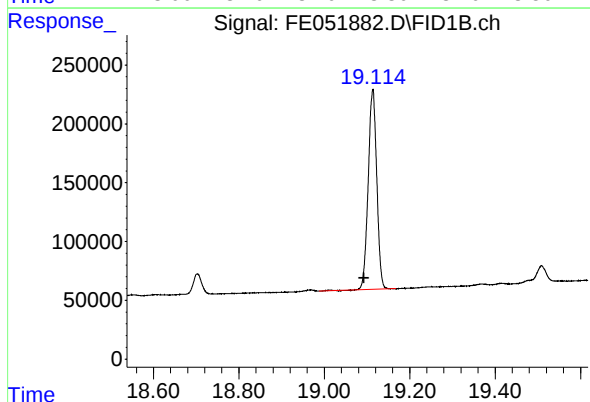
R.T.: 17.395 min
Delta R.T.: 0.022 min
Response: 2403994
Conc: 18.62 ug/ml



#17 n-Tricontane (C30)

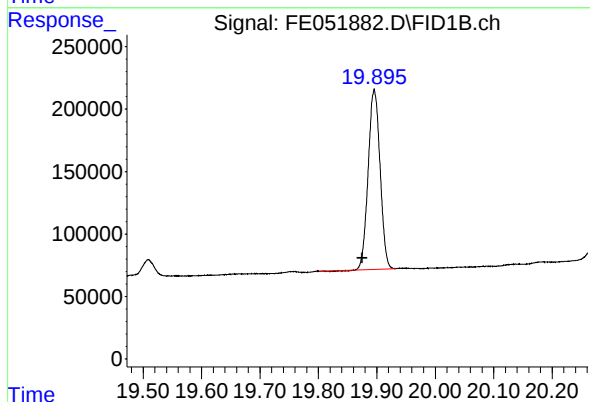
R.T.: 18.282 min
Delta R.T.: 0.022 min
Response: 2460643
Conc: 18.72 ug/ml

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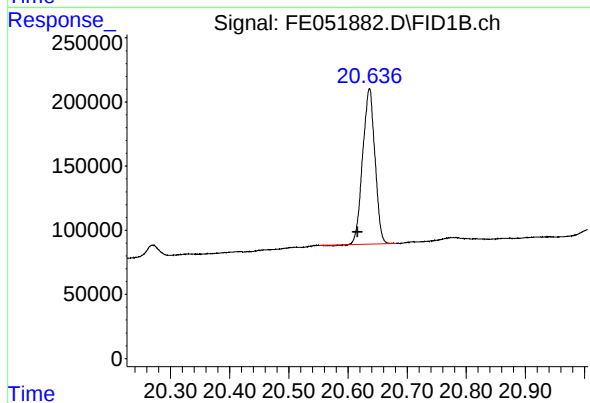
#18 n-Dotriacontane (C32)

R.T.: 19.113 min
Delta R.T.: 0.020 min
Response: 2369653
Conc: 18.67 ug/ml



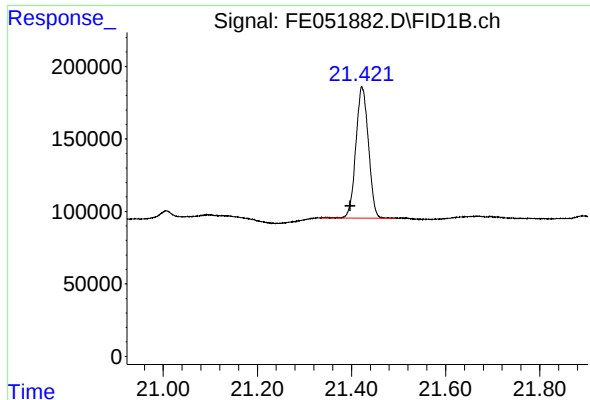
#19 n-Tetratriacontane (C34)

R.T.: 19.896 min
Delta R.T.: 0.020 min
Response: 2024581
Conc: 18.22 ug/ml



#20 n-Hexatriacontane (C36)

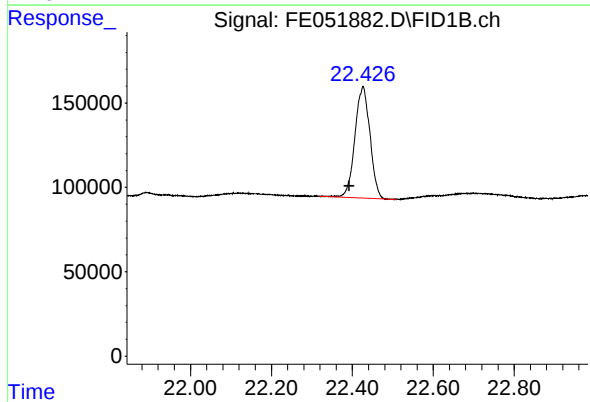
R.T.: 20.636 min
Delta R.T.: 0.020 min
Response: 1742424
Conc: 17.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.423 min
Delta R.T.: 0.025 min
Response: 1676139
Conc: 17.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.426 min
Delta R.T.: 0.034 min
Response: 1697125
Conc: 18.44 ug/ml