

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080224AL\
 Data File : FE049395.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2024 13:46
 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: Aug 02 14:35:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 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)	11.899	2992425	19.293 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
12) S 1-chlorooctadecane (S...	13.334	2288637	19.588 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
Target Compounds			
1) T n-Nonane (C9)	3.286	2907157	19.331 ug/ml
2) T n-Decane (C10)	4.537	2954191	19.127 ug/ml
3) T A~Naphthalene (C11.7)	6.243	3013256	19.340 ug/ml
4) T n-Dodecane (C12)	6.704	2930391	19.031 ug/ml
5) T A~2-methylnaphthalene...	7.340	2809721	19.307 ug/ml
6) T n-Tetradecane (C14)	8.531	2897122	19.088 ug/ml
7) T n-Hexadecane (C16)	10.138	2899721	19.120 ug/ml
8) T n-Octadecane (C18)	11.581	2919764	19.230 ug/ml
10) T n-Eicosane (C20)	12.889	2774820	19.189 ug/ml
11) T n-Heneicosane (C21)	13.500	2732958	19.272 ug/ml
13) T n-Docosane (C22)	14.086	2716951	19.339 ug/ml
14) T n-Tetracosane (C24)	15.188	2717698	19.391 ug/ml
15) T n-Hexacosane (C26)	16.208	2712694	19.346 ug/ml
16) T n-Octacosane (C28)	17.157	2672058	19.091 ug/ml
17) T n-Tricontane (C30)	18.043	2743294	18.806 ug/ml
18) T n-Dotriacontane (C32)	18.876	2773028	18.859 ug/ml
19) T n-Tetratriacontane (C34)	19.659	2802577	19.187 ug/ml
20) T n-Hexatriacontane (C36)	20.398	2940990	20.401 ug/ml
21) T n-Octatriacontane (C38)	21.128	2930795	19.579 ug/ml
22) T n-Tetracontane (C40)	22.027	2996999	19.860 ug/ml

(f)=RT Delta > 1/2 Window

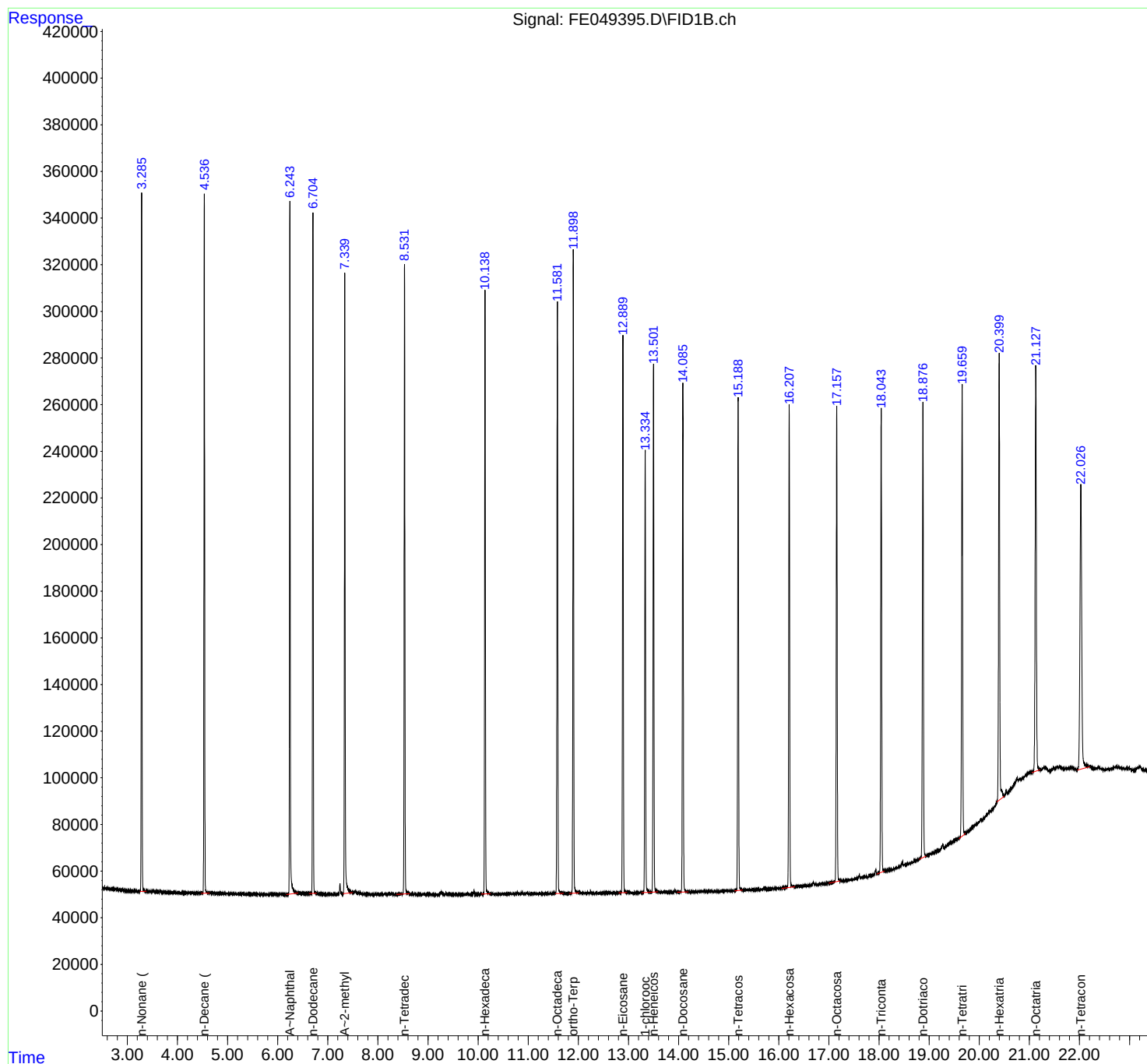
(m)=manual int.

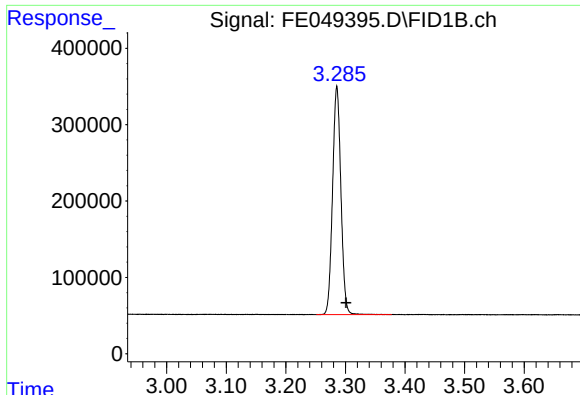
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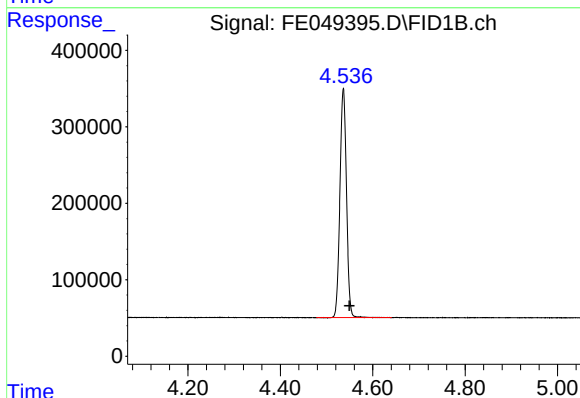




#1 n-Nonane (C9)

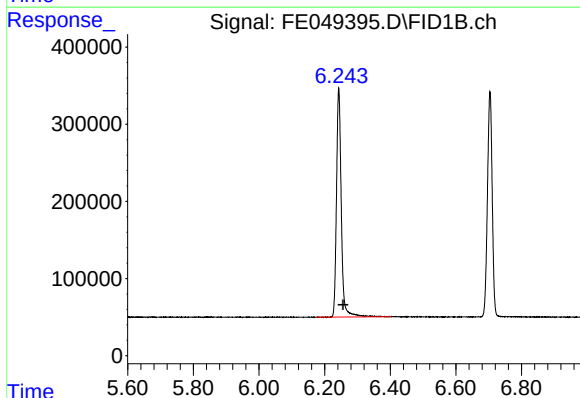
R.T.: 3.286 min
Delta R.T.: -0.015 min
Response: 2907157
Conc: 19.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



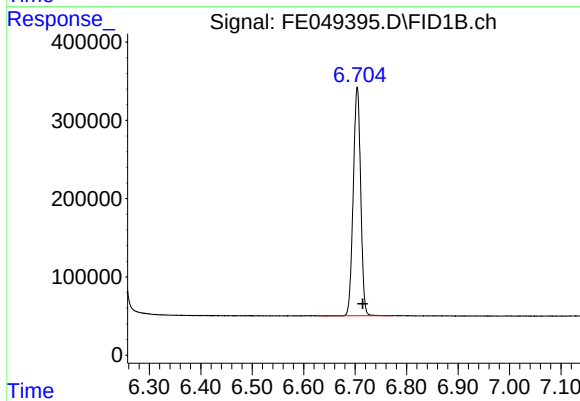
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.013 min
Response: 2954191
Conc: 19.13 ug/ml



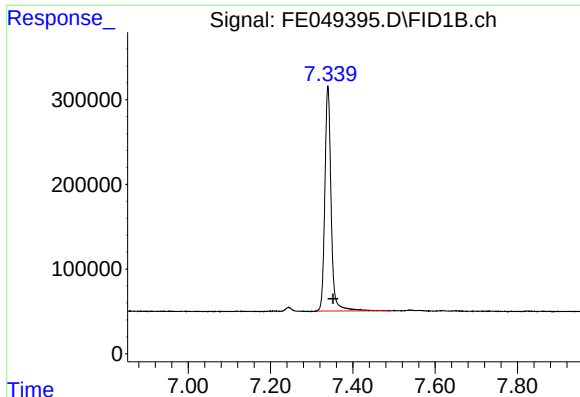
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.013 min
Response: 3013256
Conc: 19.34 ug/ml



#4 n-Dodecane (C12)

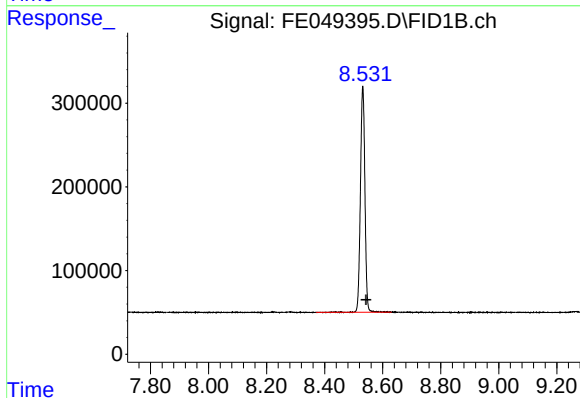
R.T.: 6.704 min
Delta R.T.: -0.011 min
Response: 2930391
Conc: 19.03 ug/ml



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

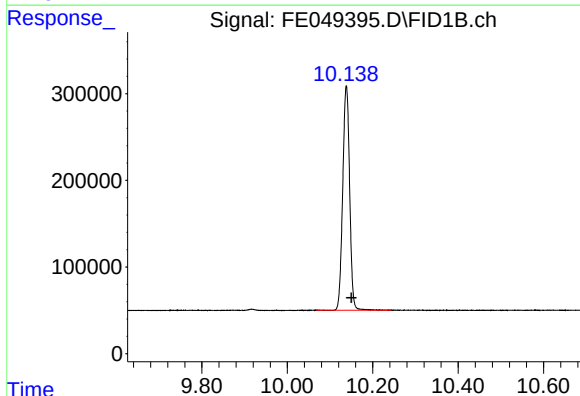
R.T.: 7.340 min
Delta R.T.: -0.013 min
Response: 2809721
Conc: 19.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



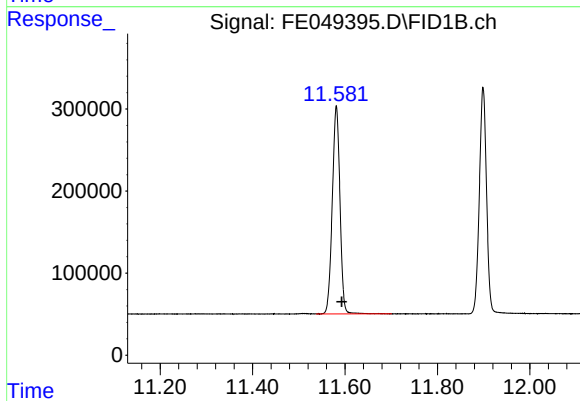
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.012 min
Response: 2897122
Conc: 19.09 ug/ml



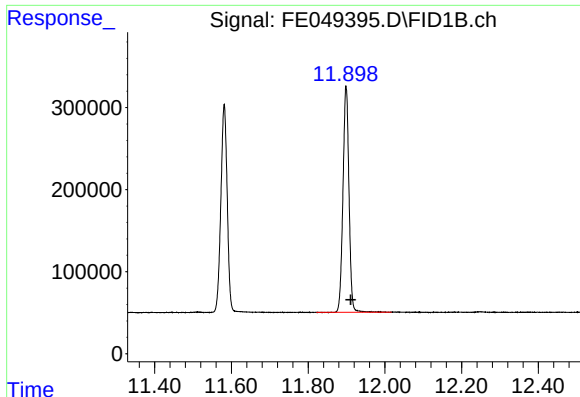
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: -0.011 min
Response: 2899721
Conc: 19.12 ug/ml



#8 n-Octadecane (C18)

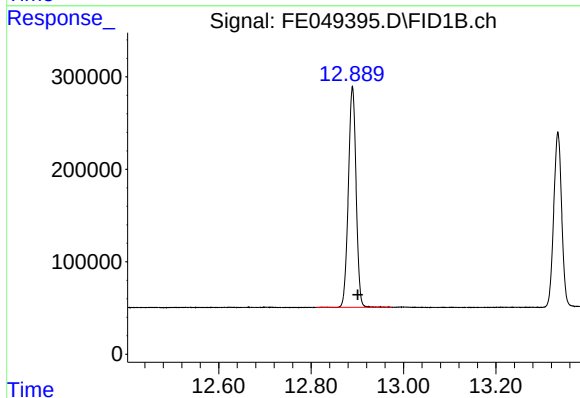
R.T.: 11.581 min
Delta R.T.: -0.012 min
Response: 2919764
Conc: 19.23 ug/ml



#9 ortho-Terphenyl (SURR)

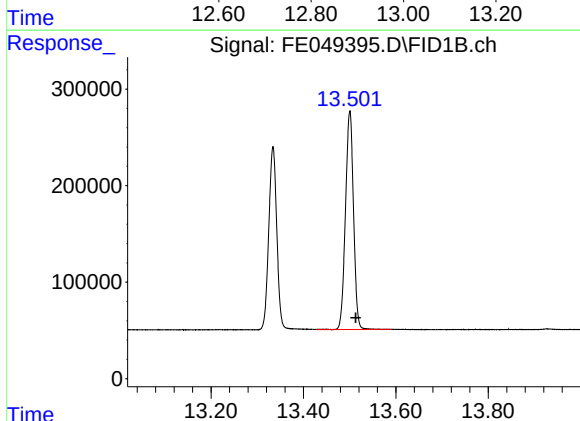
R.T.: 11.899 min
Delta R.T.: -0.012 min
Response: 2992425
Conc: 19.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



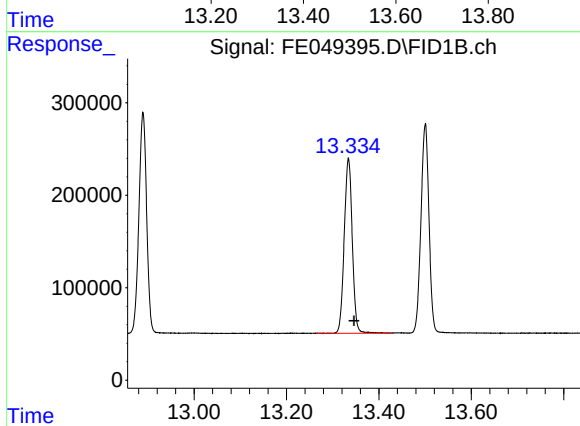
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: -0.012 min
Response: 2774820
Conc: 19.19 ug/ml



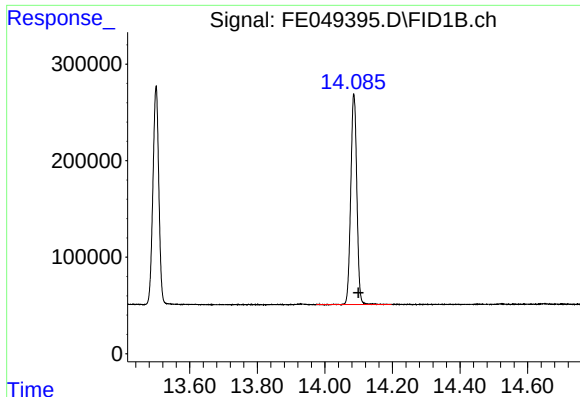
#11 n-Heneicosane (C21)

R.T.: 13.500 min
Delta R.T.: -0.013 min
Response: 2732958
Conc: 19.27 ug/ml



#12 1-chlorooctadecane (SURR)

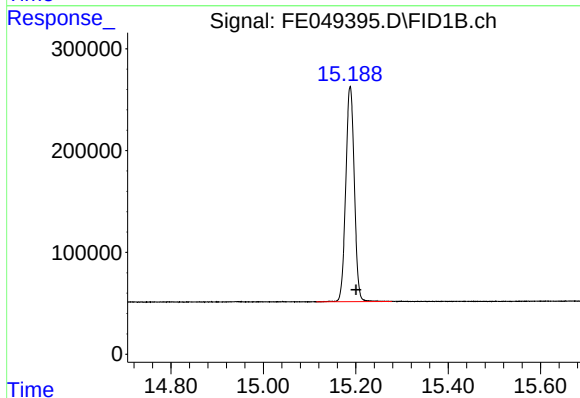
R.T.: 13.334 min
Delta R.T.: -0.012 min
Response: 2288637
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

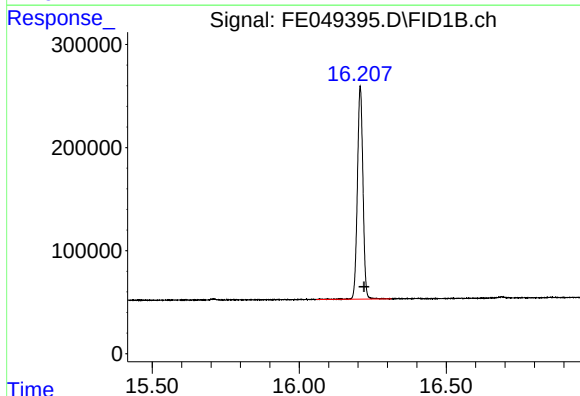
R.T.: 14.086 min
Delta R.T.: -0.013 min
Response: 2716951
Conc: 19.34 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



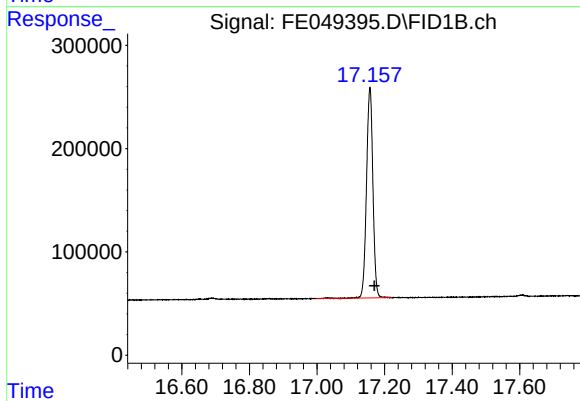
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.013 min
Response: 2717698
Conc: 19.39 ug/ml



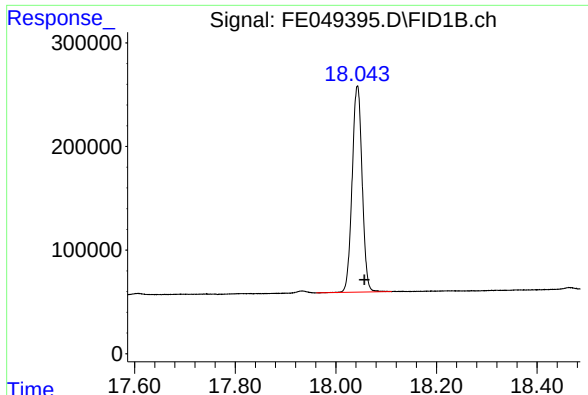
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.013 min
Response: 2712694
Conc: 19.35 ug/ml



#16 n-Octacosane (C28)

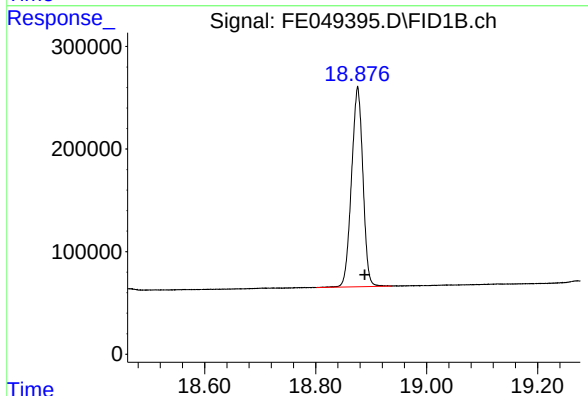
R.T.: 17.157 min
Delta R.T.: -0.013 min
Response: 2672058
Conc: 19.09 ug/ml



#17 n-Tricontane (C30)

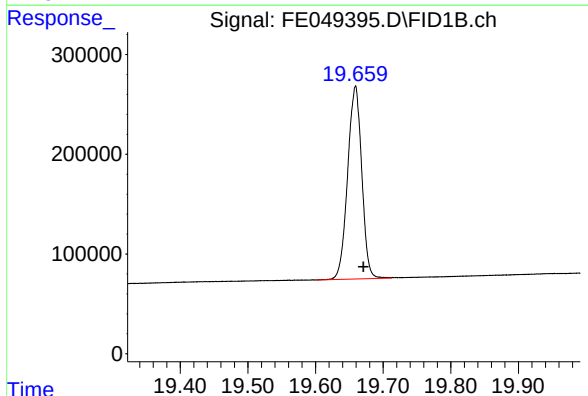
R.T.: 18.043 min
Delta R.T.: -0.014 min
Response: 2743294
Conc: 18.81 ug/ml

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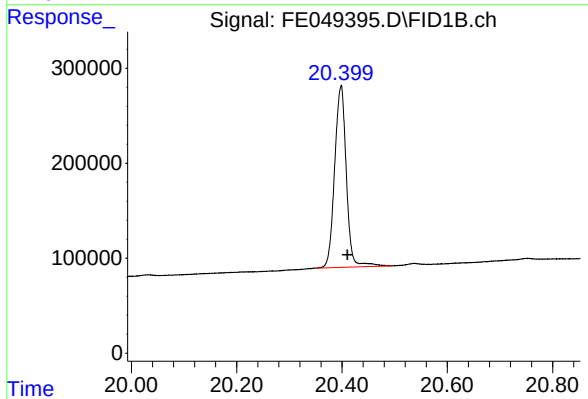
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: -0.012 min
Response: 2773028
Conc: 18.86 ug/ml



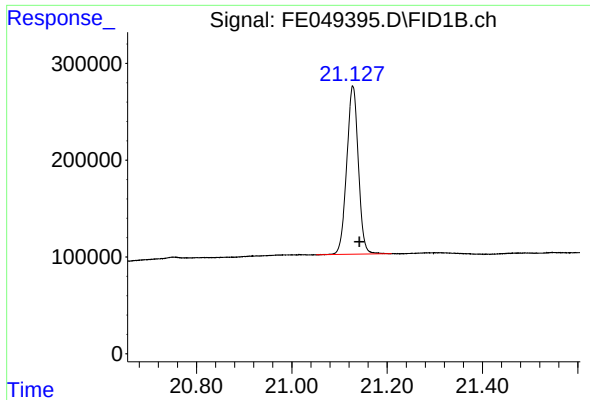
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: -0.012 min
Response: 2802577
Conc: 19.19 ug/ml



#20 n-Hexatriacontane (C36)

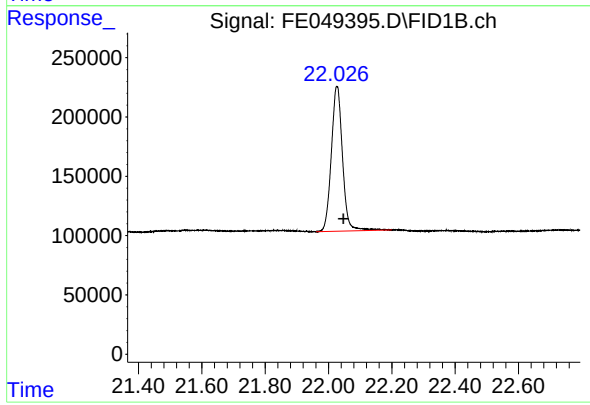
R.T.: 20.398 min
Delta R.T.: -0.013 min
Response: 2940990
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: -0.014 min
Response: 2930795
Conc: 19.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: -0.020 min
Response: 2996999
Conc: 19.86 ug/ml