

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072023AL\
 Data File : FE043387.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2023 10:03
 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 21 10:28:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 2023
 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)	11.888	3597610	20.091 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	13.326	2655479	20.210 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
Target Compounds			
1) T n-Nonane (C9)	3.269	3068497	20.097 ug/ml
2) T n-Decane (C10)	4.521	3171544	20.344 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3283892	20.408 ug/ml
4) T n-Dodecane (C12)	6.691	3190077	20.245 ug/ml
5) T A~2-methylnaphthalene...	7.328	3111107	20.503 ug/ml
6) T n-Tetradecane (C14)	8.520	3163377	20.000 ug/ml
7) T n-Hexadecane (C16)	10.128	3258078	20.132 ug/ml
8) T n-Octadecane (C18)	11.570	3276600	20.100 ug/ml
10) T n-Eicosane (C20)	12.880	3126376	20.122 ug/ml
11) T n-Heneicosane (C21)	13.492	3047028	20.112 ug/ml
13) T n-Docosane (C22)	14.077	3000888	20.080 ug/ml
14) T n-Tetracosane (C24)	15.181	2938964	20.012 ug/ml
15) T n-Hexacosane (C26)	16.202	2866918	20.129 ug/ml
16) T n-Octacosane (C28)	17.151	2828586	20.103 ug/ml
17) T n-Tricontane (C30)	18.039	2980299	20.231 ug/ml
18) T n-Dotriacontane (C32)	18.872	3012473	20.330 ug/ml
19) T n-Tetratriacontane (C34)	19.655	2921181	20.241 ug/ml
20) T n-Hexatriacontane (C36)	20.394	2800310	19.053 ug/ml
21) T n-Octatriacontane (C38)	21.131	2767226	19.399 ug/ml
22) T n-Tetracontane (C40)	22.037	2780044	18.837 ug/ml

(f)=RT Delta > 1/2 Window

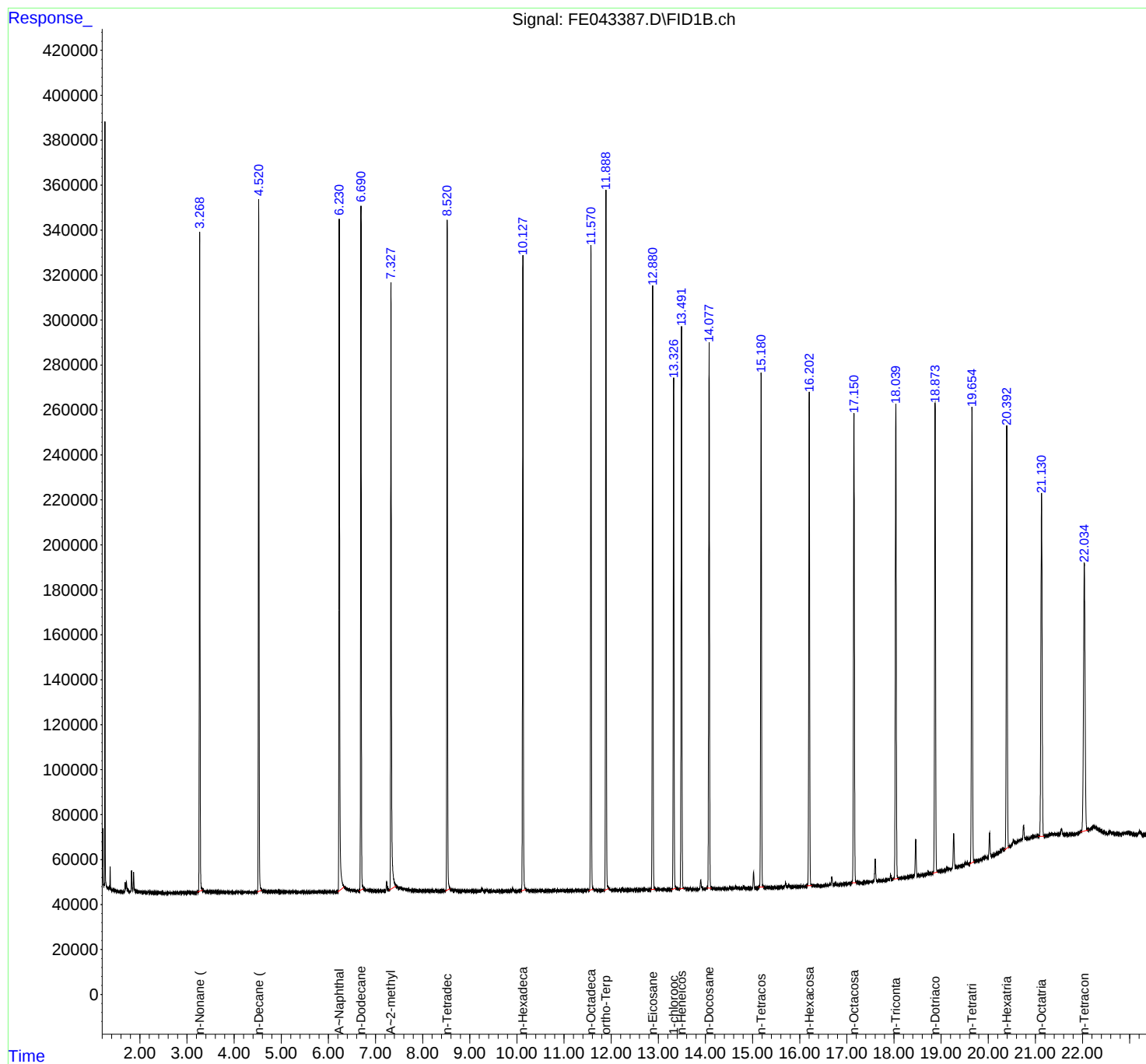
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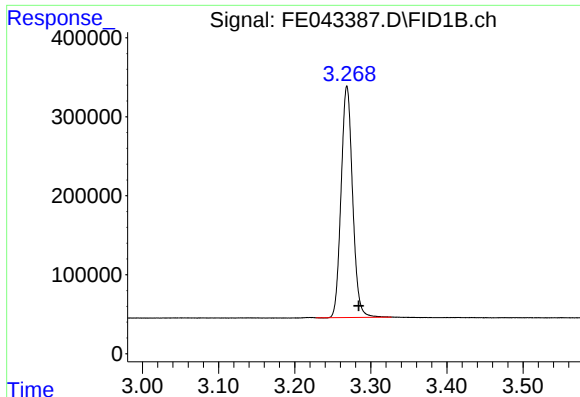
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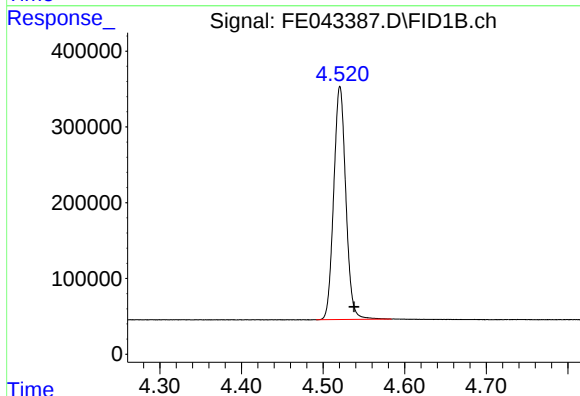




#1 n-Nonane (C9)

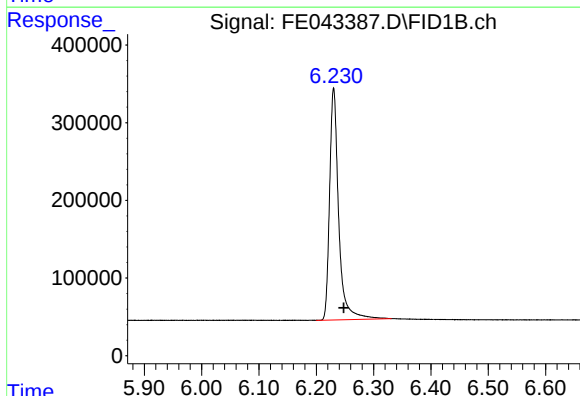
R.T.: 3.269 min
Delta R.T.: -0.015 min
Response: 3068497
Conc: 20.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



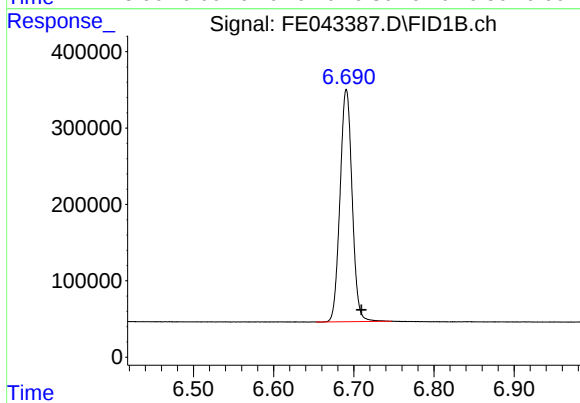
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.017 min
Response: 3171544
Conc: 20.34 ug/ml



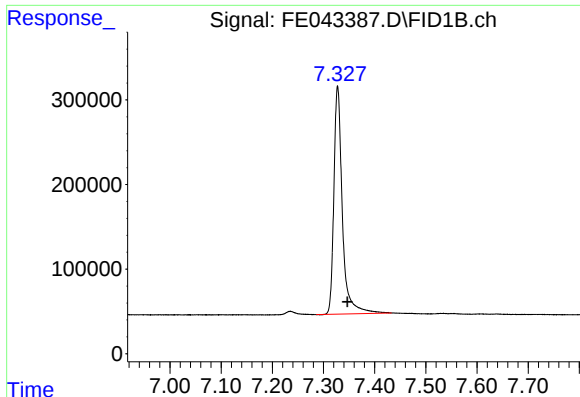
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: -0.018 min
Response: 3283892
Conc: 20.41 ug/ml



#4 n-Dodecane (C12)

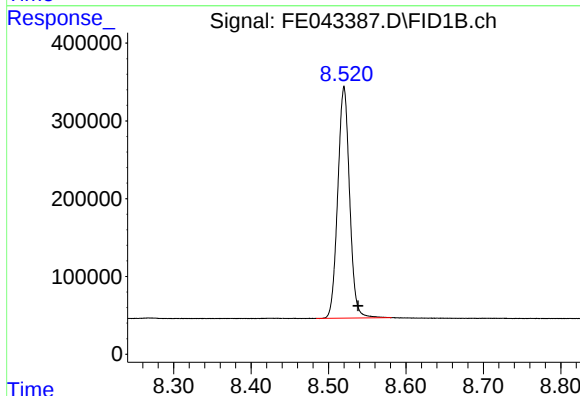
R.T.: 6.691 min
Delta R.T.: -0.019 min
Response: 3190077
Conc: 20.24 ug/ml



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

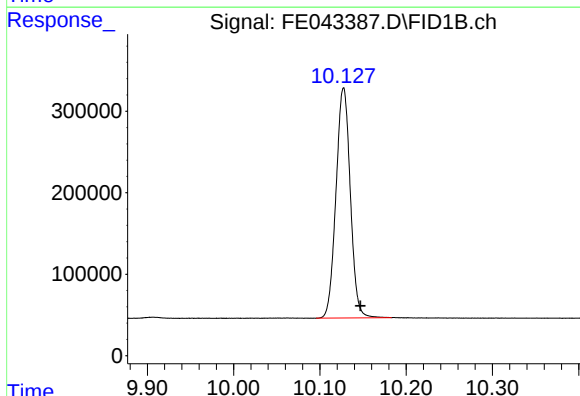
R.T.: 7.328 min
Delta R.T.: -0.019 min
Response: 3111107
Conc: 20.50 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



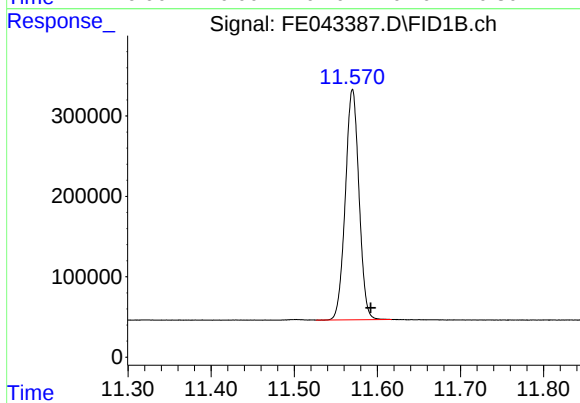
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.018 min
Response: 3163377
Conc: 20.00 ug/ml



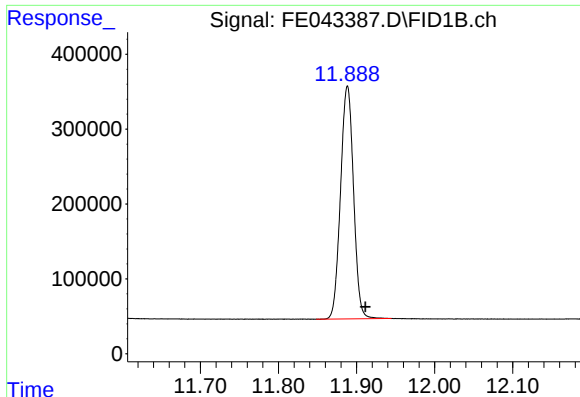
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.019 min
Response: 3258078
Conc: 20.13 ug/ml



#8 n-Octadecane (C18)

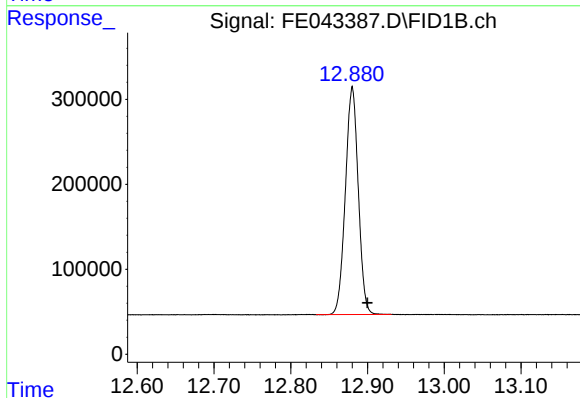
R.T.: 11.570 min
Delta R.T.: -0.022 min
Response: 3276600
Conc: 20.10 ug/ml



#9 ortho-Terphenyl (SURR)

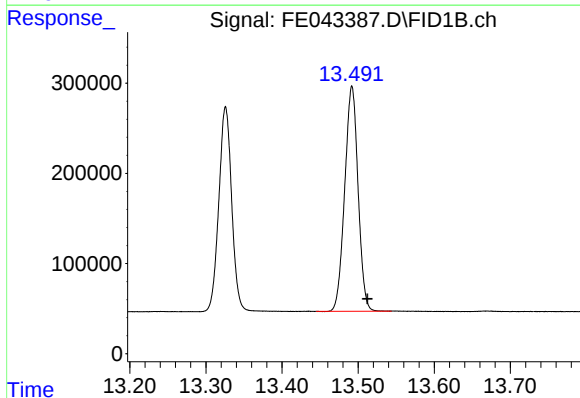
R.T.: 11.888 min
Delta R.T.: -0.023 min
Response: 3597610
Conc: 20.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



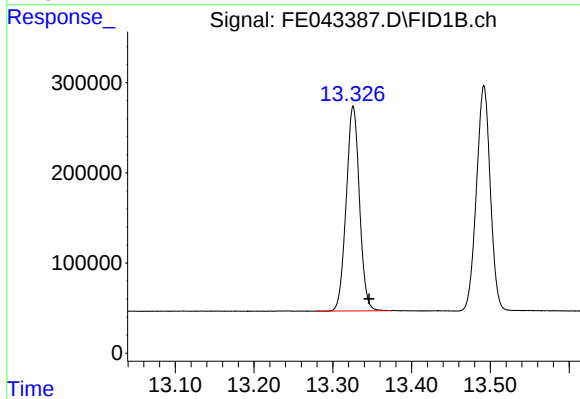
#10 n-Eicosane (C20)

R.T.: 12.880 min
Delta R.T.: -0.019 min
Response: 3126376
Conc: 20.12 ug/ml



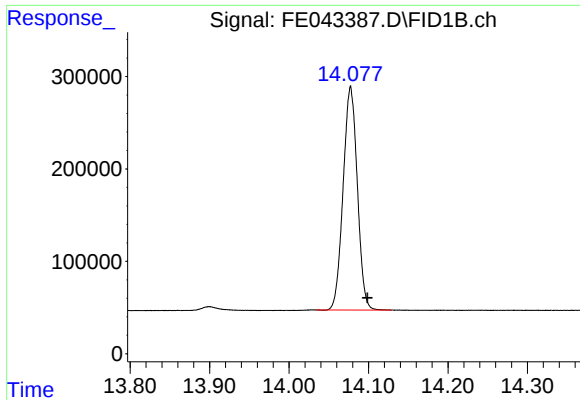
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: -0.020 min
Response: 3047028
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

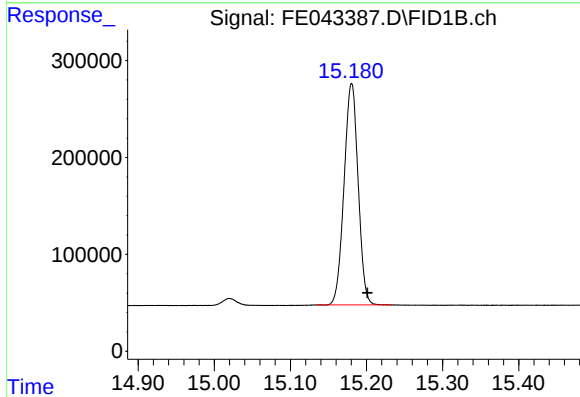
R.T.: 13.326 min
Delta R.T.: -0.020 min
Response: 2655479
Conc: 20.21 ug/ml



#13 n-Docosane (C22)

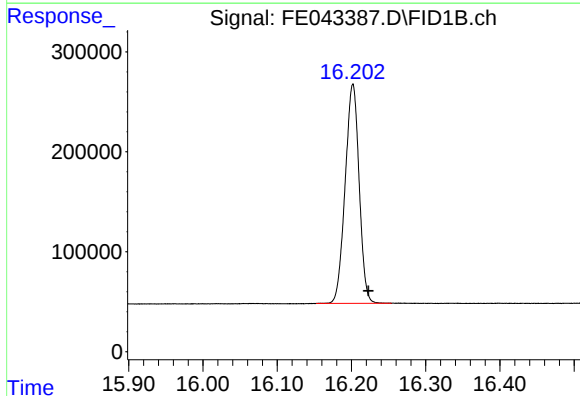
R.T.: 14.077 min
Delta R.T.: -0.021 min
Response: 3000888
Conc: 20.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



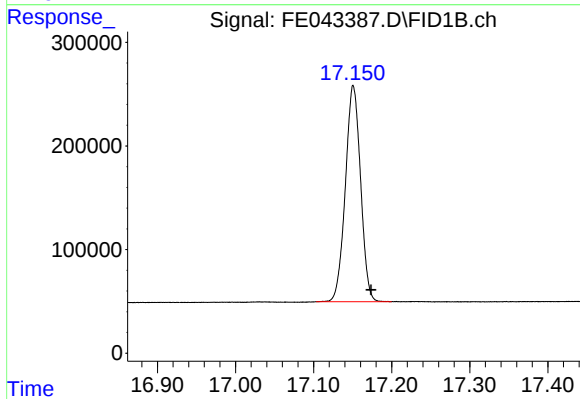
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.020 min
Response: 2938964
Conc: 20.01 ug/ml



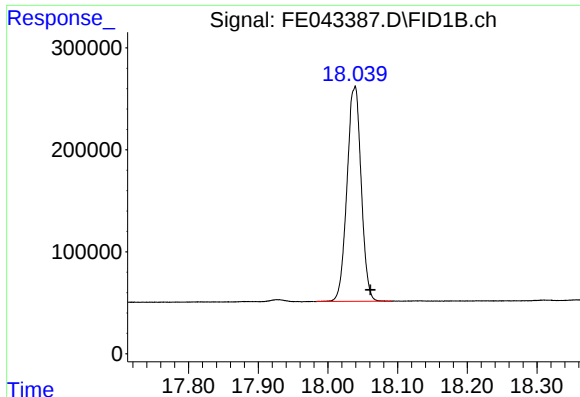
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.021 min
Response: 2866918
Conc: 20.13 ug/ml



#16 n-Octacosane (C28)

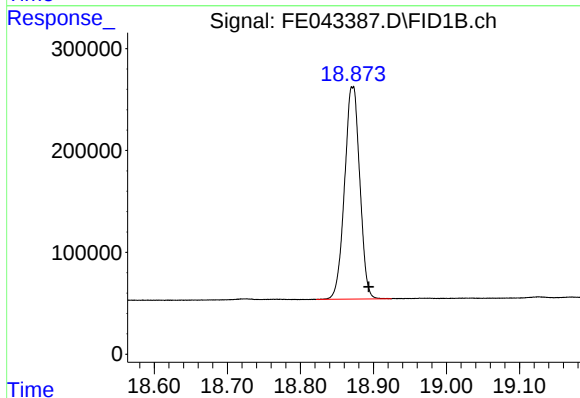
R.T.: 17.151 min
Delta R.T.: -0.023 min
Response: 2828586
Conc: 20.10 ug/ml



#17 n-Tricontane (C30)

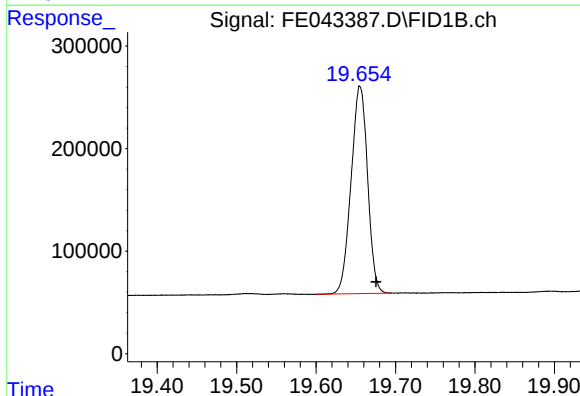
R.T.: 18.039 min
Delta R.T.: -0.022 min
Response: 2980299
Conc: 20.23 ug/ml

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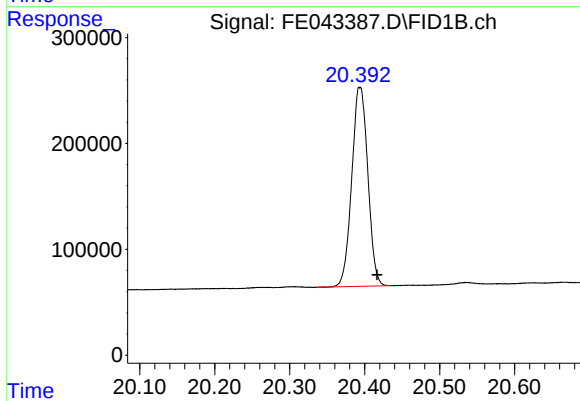
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: -0.022 min
Response: 3012473
Conc: 20.33 ug/ml



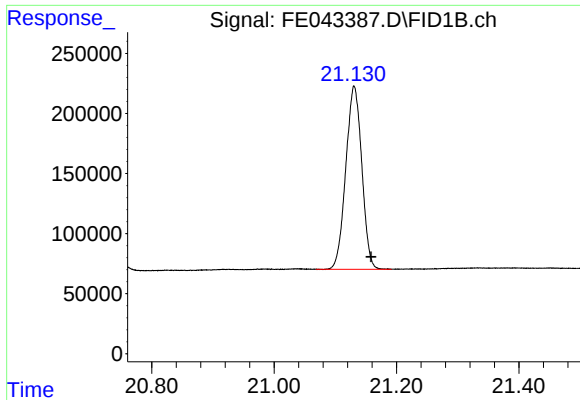
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.020 min
Response: 2921181
Conc: 20.24 ug/ml



#20 n-Hexatriacontane (C36)

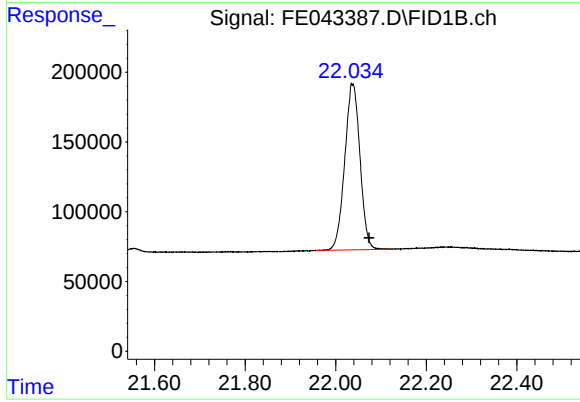
R.T.: 20.394 min
Delta R.T.: -0.023 min
Response: 2800310
Conc: 19.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.131 min
Delta R.T.: -0.028 min
Response: 2767226
Conc: 19.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.037 min
Response: 2780044
Conc: 18.84 ug/ml