

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122122AL\
 Data File : FE039432.D
 Signal(s) : FID1B.ch
 Acq On : 21 Dec 2022 10:53
 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: sample.E
 Quant Time: Dec 21 14:19:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.930	2929056	19.627 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
12) S 1-chlorooctadecane (S...	13.364	2248459	19.535 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T n-Nonane (C9)	3.326	2411293	18.655 ug/ml
2) T n-Decane (C10)	4.575	2425717	19.037 ug/ml
3) T A~Naphthalene (C11.7)	6.278	2802595	19.387 ug/ml
4) T n-Dodecane (C12)	6.738	2458129	18.934 ug/ml
5) T A~2-methylnaphthalene...	7.372	2633010	19.442 ug/ml
6) T n-Tetradecane (C14)	8.564	2518043	19.002 ug/ml
7) T n-Hexadecane (C16)	10.169	2640647	19.194 ug/ml
8) T n-Octadecane (C18)	11.612	2713075	19.371 ug/ml
10) T n-Eicosane (C20)	12.920	2660825	19.492 ug/ml
11) T n-Heneicosane (C21)	13.532	2630737	19.288 ug/ml
13) T n-Docosane (C22)	14.117	2642858	19.537 ug/ml
14) T n-Tetracosane (C24)	15.220	2591161	19.302 ug/ml
15) T n-Hexacosane (C26)	16.240	2521102	19.362 ug/ml
16) T n-Octacosane (C28)	17.189	2538168	19.721 ug/ml
17) T n-Tricontane (C30)	18.077	2585448	20.081 ug/ml
18) T n-Dotriacontane (C32)	18.910	2732914	21.103 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2605587	20.653 ug/ml
20) T n-Hexatriacontane (C36)	20.435	2346912	19.409 ug/ml
21) T n-Octatriacontane (C38)	21.170	2305431	18.668 ug/ml
22) T n-Tetracontane (C40)	22.082	2237001	17.813 ug/ml

(f)=RT Delta > 1/2 Window

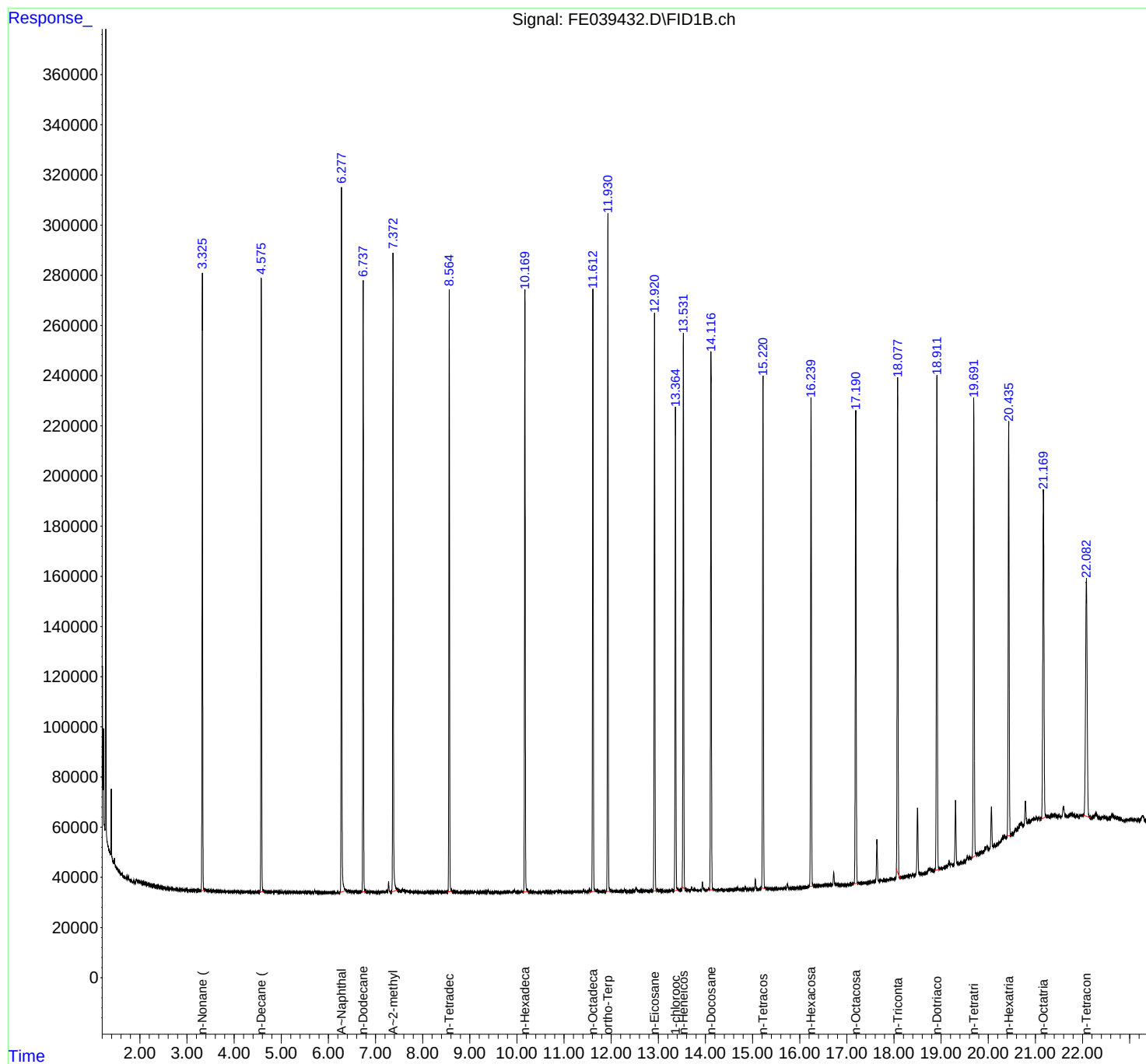
(m)=manual int.

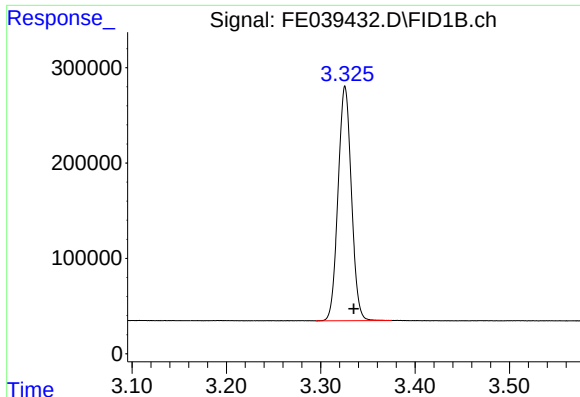
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122122AL\
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Signal Info : 20M x 0.18mm x 0.18um

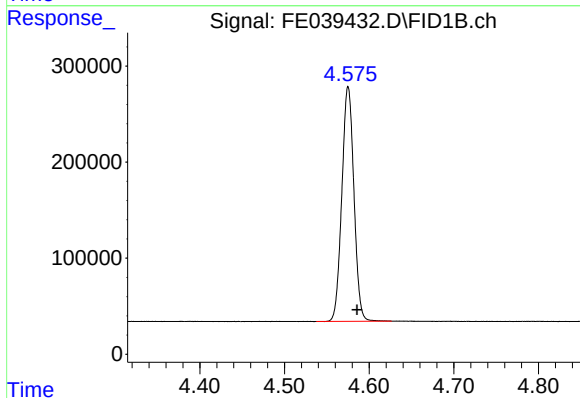




#1 n-Nonane (C9)

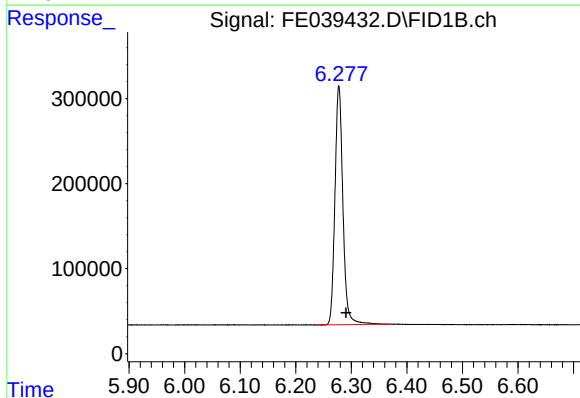
R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 2411293
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



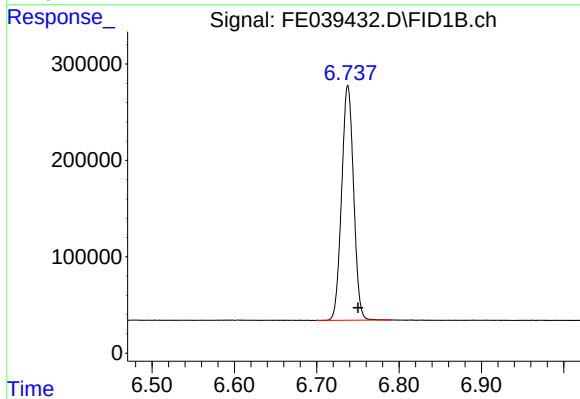
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.011 min
Response: 2425717
Conc: 19.04 ug/ml



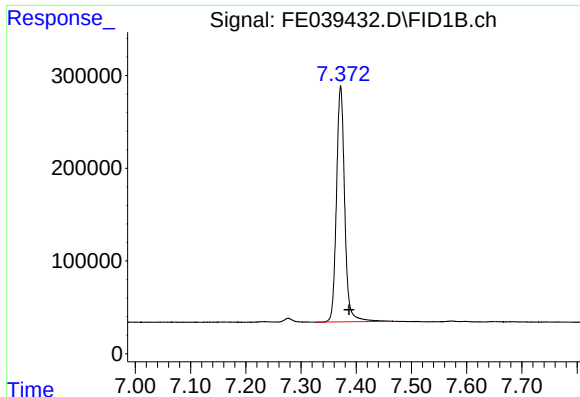
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.013 min
Response: 2802595
Conc: 19.39 ug/ml



#4 n-Dodecane (C12)

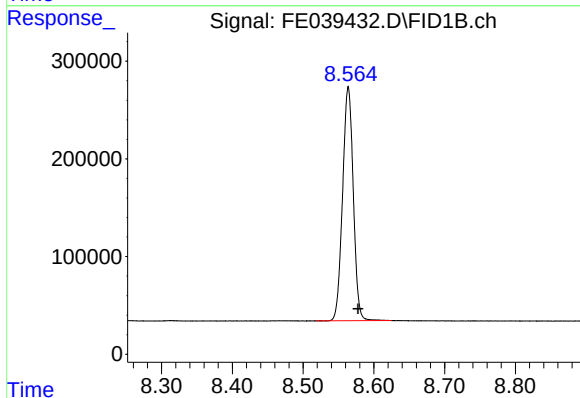
R.T.: 6.738 min
Delta R.T.: -0.013 min
Response: 2458129
Conc: 18.93 ug/ml



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

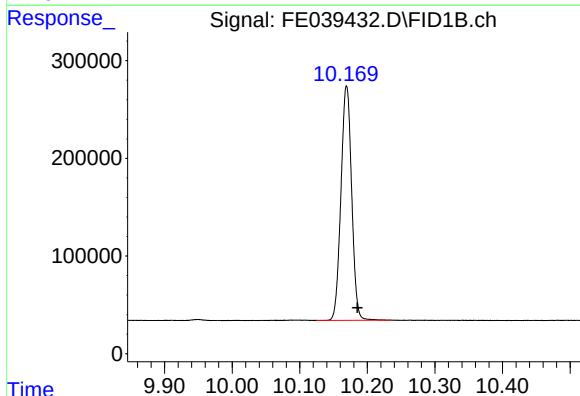
R.T.: 7.372 min
Delta R.T.: -0.015 min
Response: 2633010
Conc: 19.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



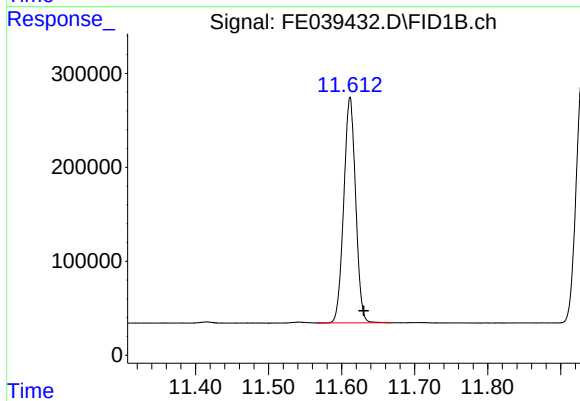
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.014 min
Response: 2518043
Conc: 19.00 ug/ml



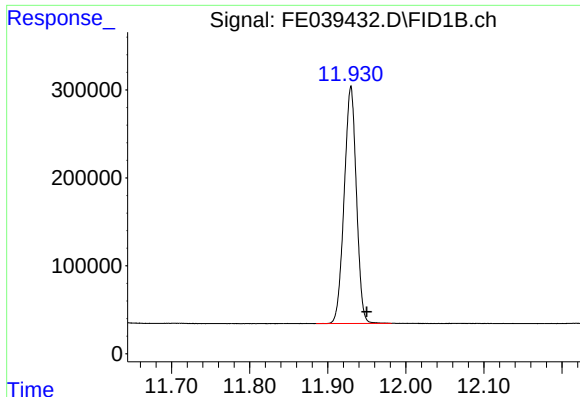
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: -0.016 min
Response: 2640647
Conc: 19.19 ug/ml



#8 n-Octadecane (C18)

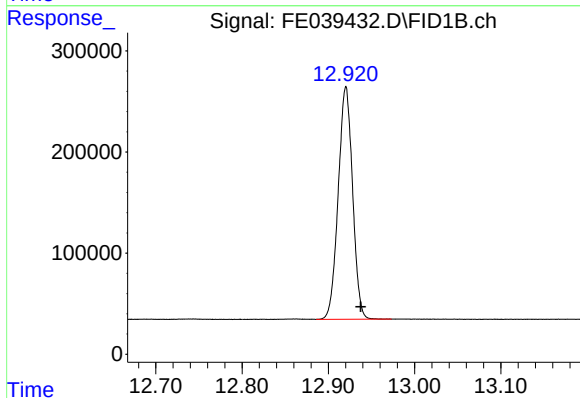
R.T.: 11.612 min
Delta R.T.: -0.019 min
Response: 2713075
Conc: 19.37 ug/ml



#9 ortho-Terphenyl (SURR)

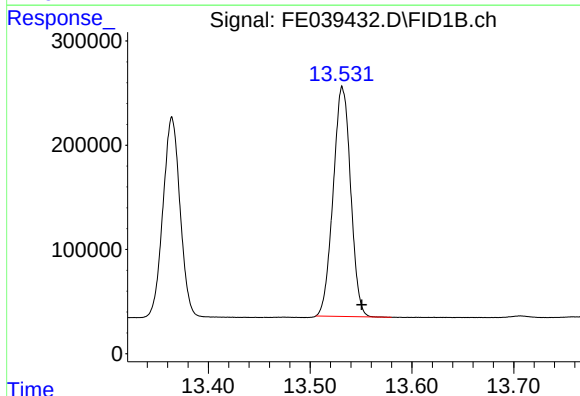
R.T.: 11.930 min
Delta R.T.: -0.020 min
Response: 2929056
Conc: 19.63 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



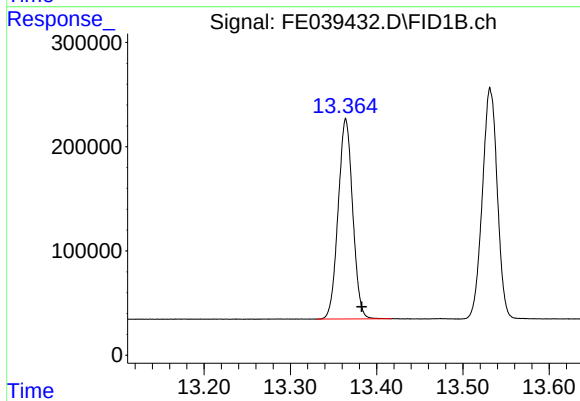
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.017 min
Response: 2660825
Conc: 19.49 ug/ml



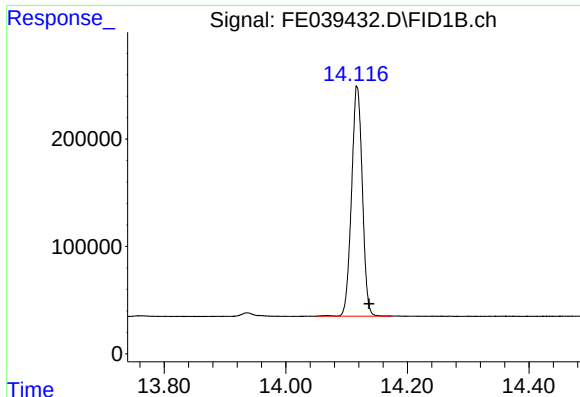
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.019 min
Response: 2630737
Conc: 19.29 ug/ml



#12 1-chlorooctadecane (SURR)

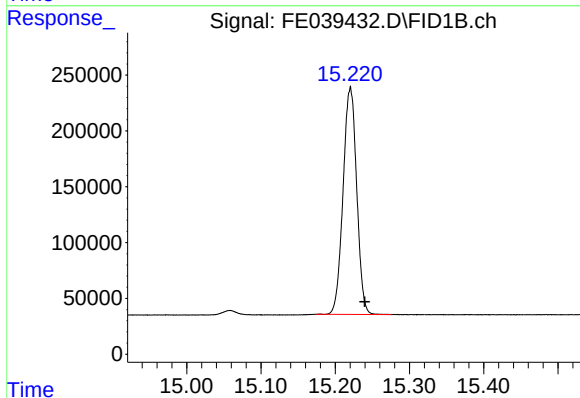
R.T.: 13.364 min
Delta R.T.: -0.019 min
Response: 2248459
Conc: 19.54 ug/ml



#13 n-Docosane (C22)

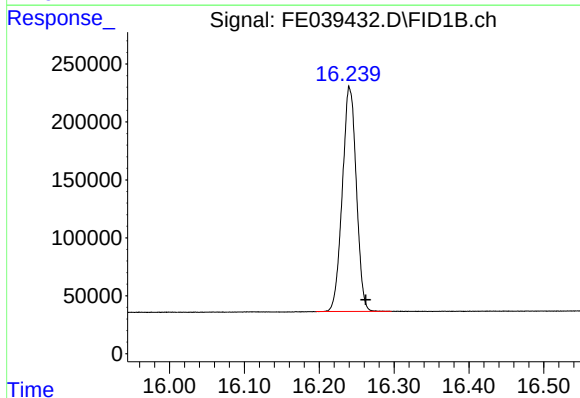
R.T.: 14.117 min
Delta R.T.: -0.020 min
Response: 2642858
Conc: 19.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



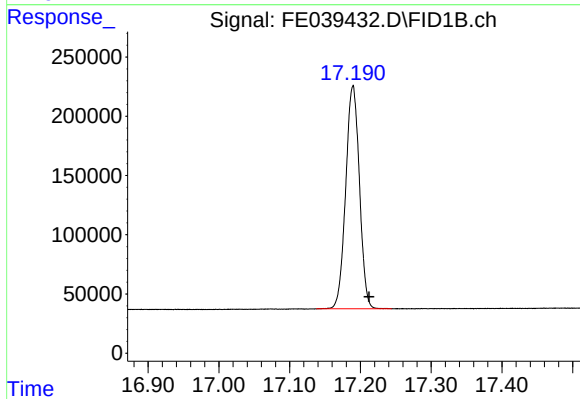
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.019 min
Response: 2591161
Conc: 19.30 ug/ml



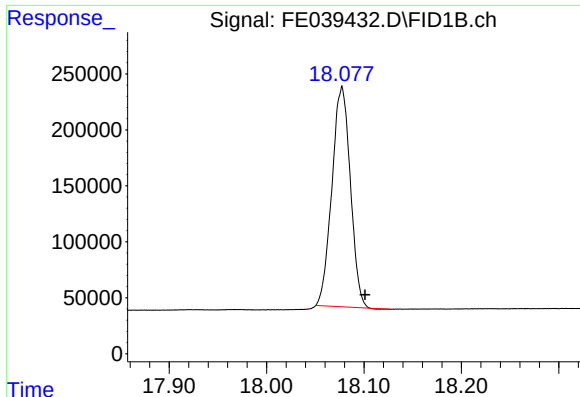
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: -0.022 min
Response: 2521102
Conc: 19.36 ug/ml



#16 n-Octacosane (C28)

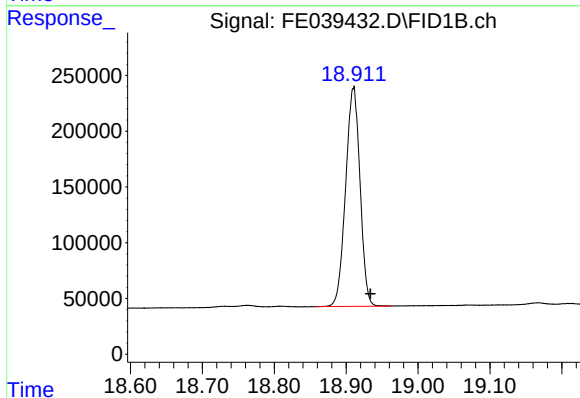
R.T.: 17.189 min
Delta R.T.: -0.023 min
Response: 2538168
Conc: 19.72 ug/ml



#17 n-Tricontane (C30)

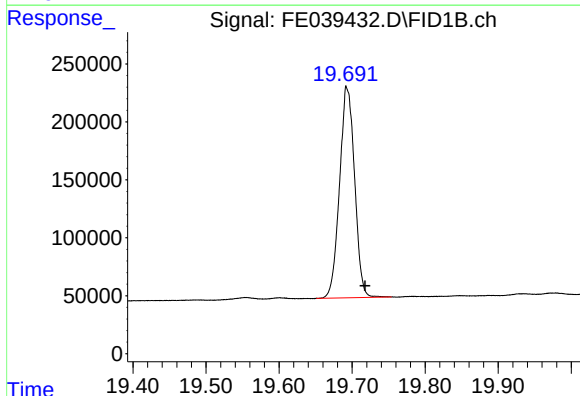
R.T.: 18.077 min
Delta R.T.: -0.024 min
Response: 2585448
Conc: 20.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



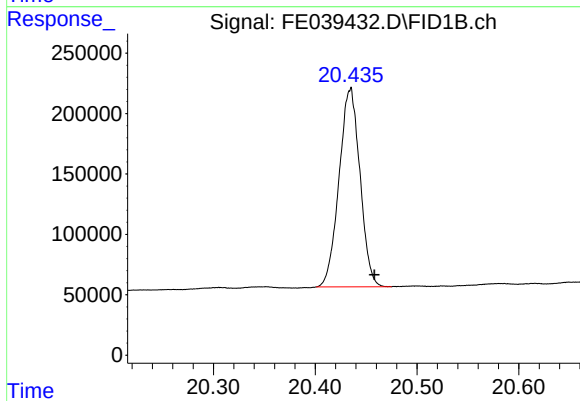
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.024 min
Response: 2732914
Conc: 21.10 ug/ml



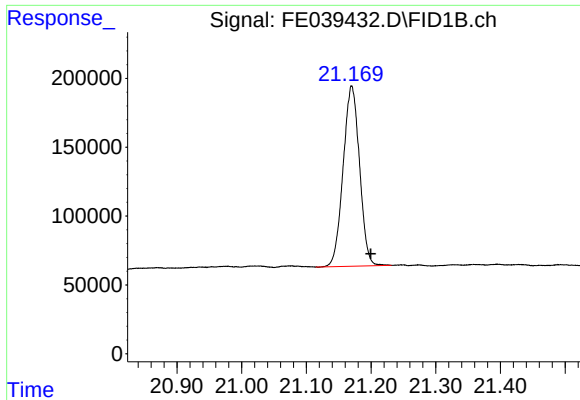
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: -0.025 min
Response: 2605587
Conc: 20.65 ug/ml



#20 n-Hexatriacontane (C36)

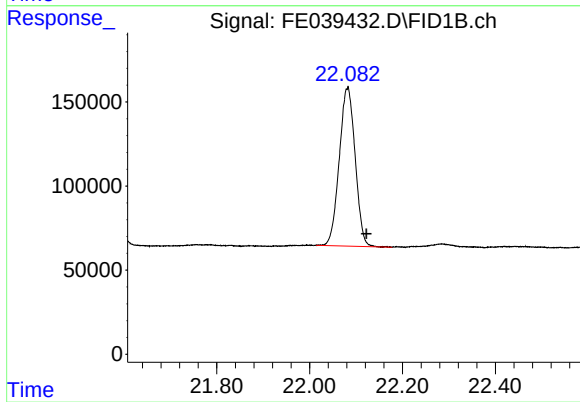
R.T.: 20.435 min
Delta R.T.: -0.024 min
Response: 2346912
Conc: 19.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.030 min
Response: 2305431
Conc: 18.67 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.040 min
Response: 2237001
Conc: 17.81 ug/ml