

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042325AL\
 Data File : FE053513.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2025 21:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 24 01:30:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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)	11.869	3422584	18.976 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
12) S 1-chlorooctadecane (S...	13.314	2531259	18.726 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
Target Compounds			
1) T n-Nonane (C9)	3.219	2771416	20.214 ug/ml
2) T n-Decane (C10)	4.479	2841980	20.544 ug/ml
3) T A~Naphthalene (C11.7)	6.191	3111031	20.610 ug/ml
4) T n-Dodecane (C12)	6.659	2876880	20.513 ug/ml
5) T A~2-methylnaphthalene...	7.293	3070581	20.566 ug/ml
6) T n-Tetradecane (C14)	8.495	2845644	20.284 ug/ml
7) T n-Hexadecane (C16)	10.107	2838001	19.802 ug/ml
8) T n-Octadecane (C18)	11.555	2731535	18.743 ug/ml
10) T n-Eicosane (C20)	12.868	2748730	18.890 ug/ml
11) T n-Heneicosane (C21)	13.483	2713878	18.736 ug/ml
13) T n-Docosane (C22)	14.070	2688143	18.628 ug/ml
14) T n-Tetracosane (C24)	15.176	2635877	18.351 ug/ml
15) T n-Hexacosane (C26)	16.198	2580817	18.222 ug/ml
16) T n-Octacosane (C28)	17.150	2562237	18.417 ug/ml
17) T n-Tricontane (C30)	18.038	2642269	18.982 ug/ml
18) T n-Dotriacontane (C32)	18.873	2672718	19.465 ug/ml
19) T n-Tetratriacontane (C34)	19.658	2572729	19.746 ug/ml
20) T n-Hexatriacontane (C36)	20.399	2550209	20.200 ug/ml
21) T n-Octatriacontane (C38)	21.133	2581658	21.190 ug/ml
22) T n-Tetracontane (C40)	22.036	2487963	20.834 ug/ml

(f)=RT Delta > 1/2 Window

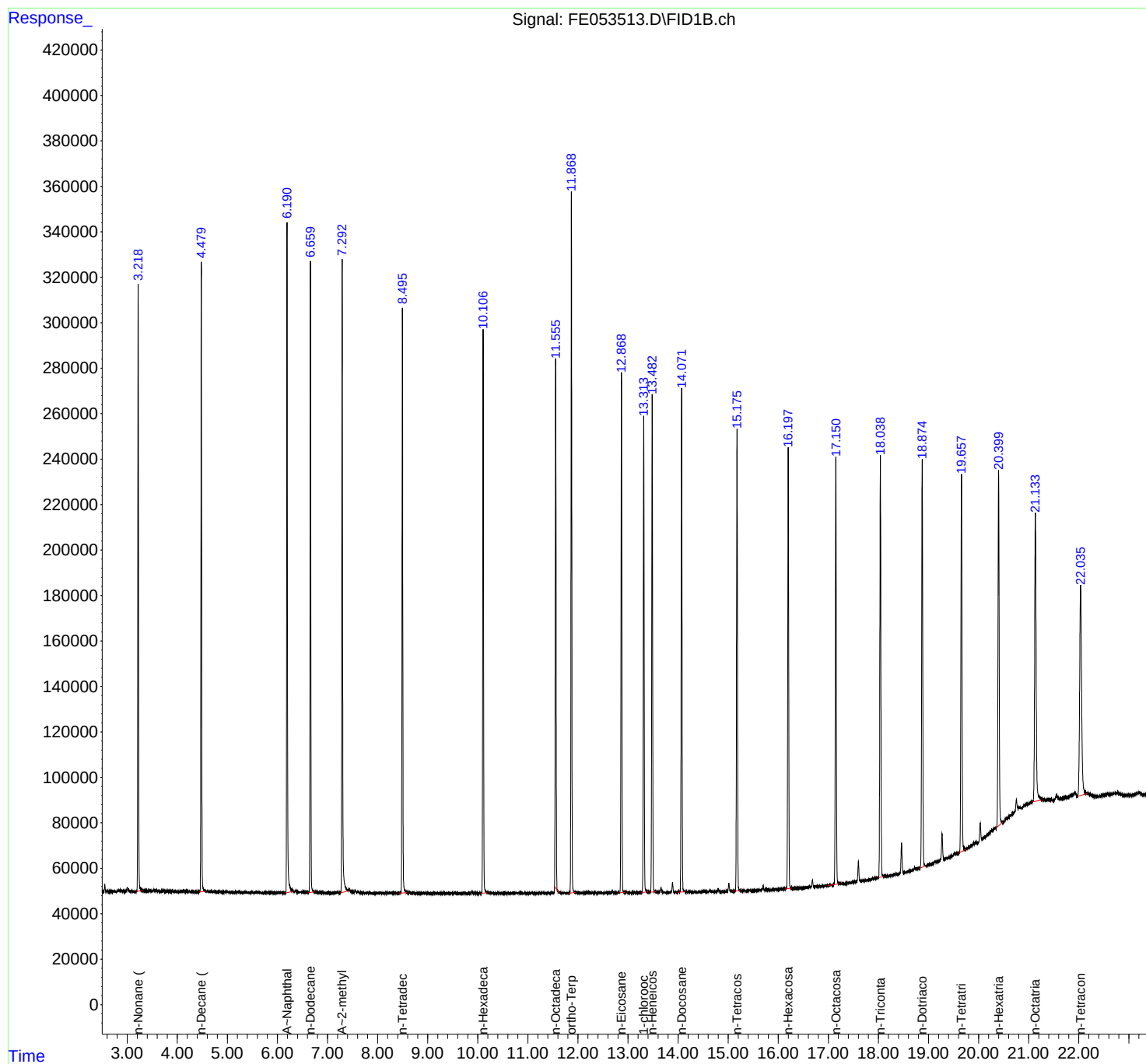
(m)=manual int.

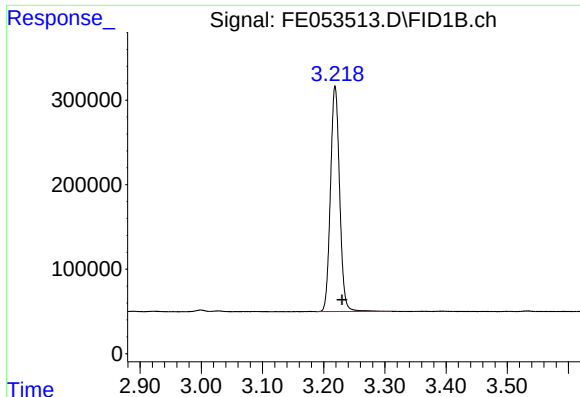
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042325AL\
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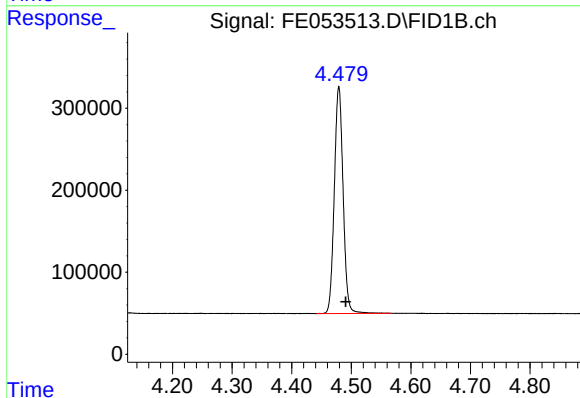




#1 n-Nonane (C9)

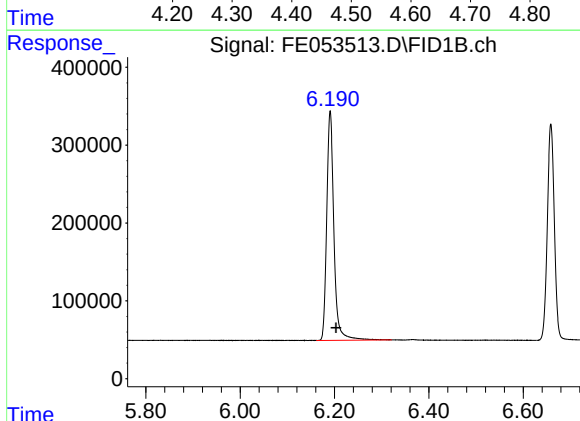
R.T.: 3.219 min
Delta R.T.: -0.011 min
Response: 2771416
Conc: 20.21 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



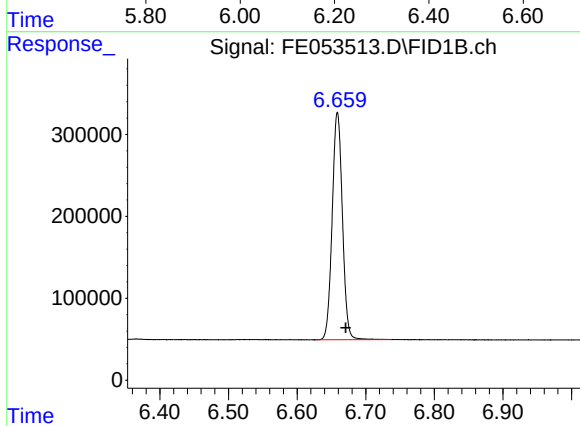
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.011 min
Response: 2841980
Conc: 20.54 ug/ml



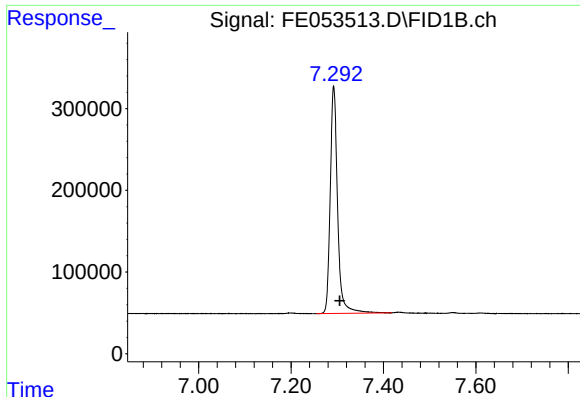
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: -0.012 min
Response: 3111031
Conc: 20.61 ug/ml



#4 n-Dodecane (C12)

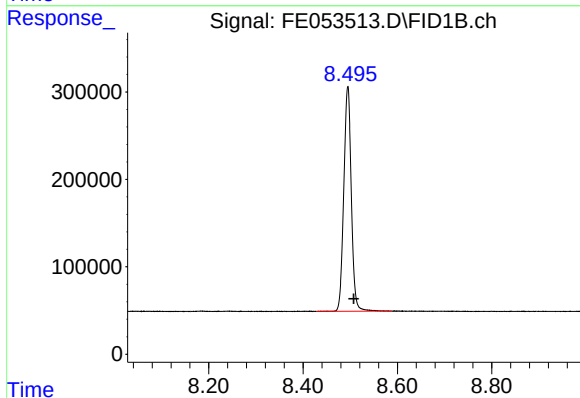
R.T.: 6.659 min
Delta R.T.: -0.012 min
Response: 2876880
Conc: 20.51 ug/ml



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

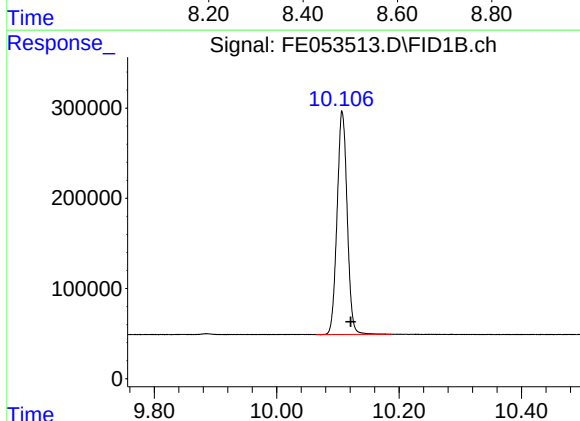
R.T.: 7.293 min
Delta R.T.: -0.013 min
Response: 3070581
Conc: 20.57 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



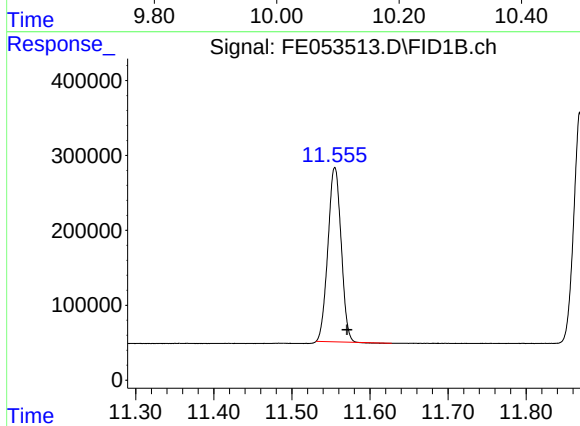
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.013 min
Response: 2845644
Conc: 20.28 ug/ml



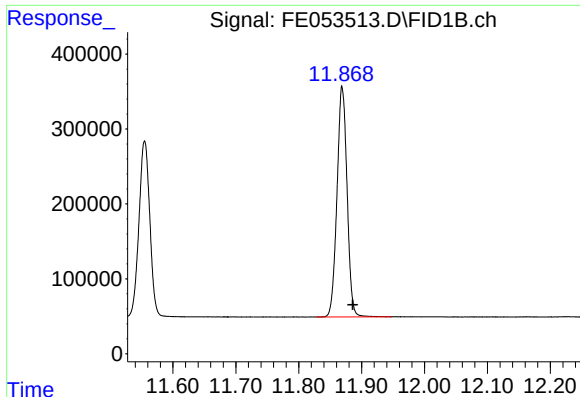
#7 n-Hexadecane (C16)

R.T.: 10.107 min
Delta R.T.: -0.014 min
Response: 2838001
Conc: 19.80 ug/ml



#8 n-Octadecane (C18)

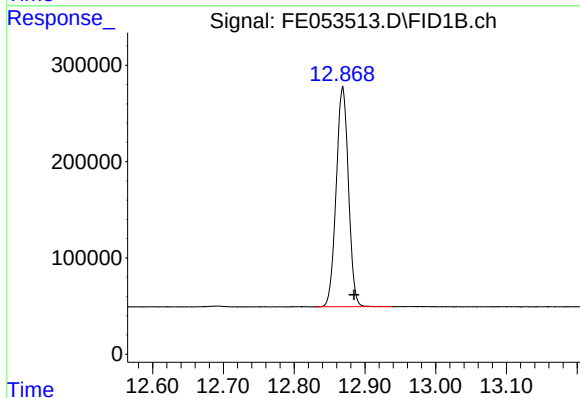
R.T.: 11.555 min
Delta R.T.: -0.016 min
Response: 2731535
Conc: 18.74 ug/ml



#9 ortho-Terphenyl (SURR)

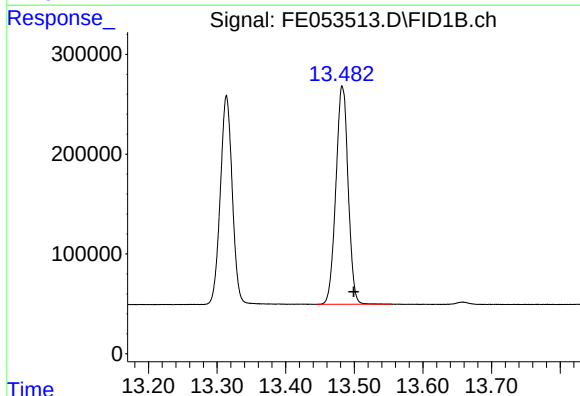
R.T.: 11.869 min
Delta R.T.: -0.017 min
Response: 3422584
Conc: 18.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



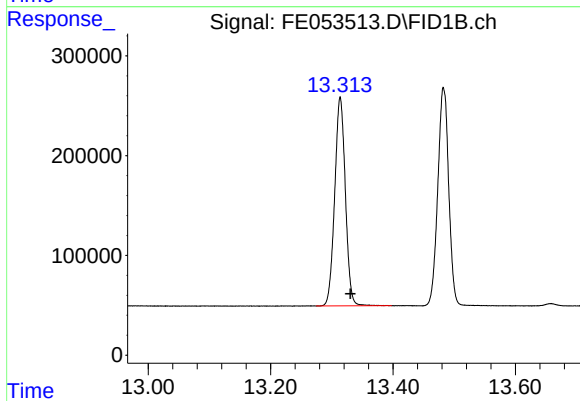
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.016 min
Response: 2748730
Conc: 18.89 ug/ml



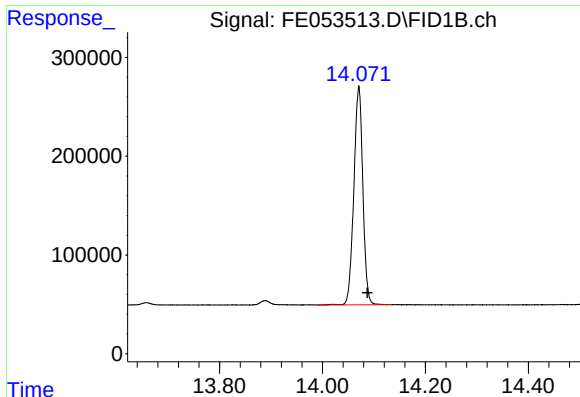
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: -0.017 min
Response: 2713878
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

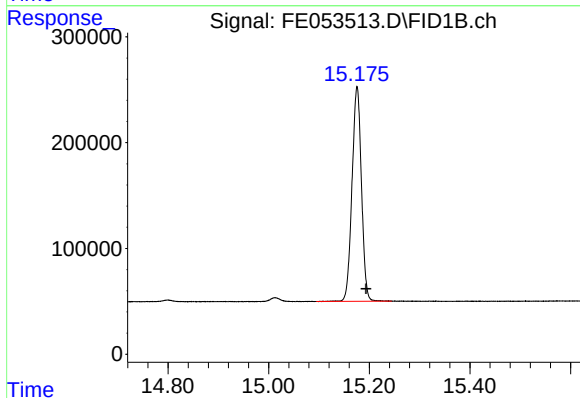
R.T.: 13.314 min
Delta R.T.: -0.017 min
Response: 2531259
Conc: 18.73 ug/ml



#13 n-Docosane (C22)

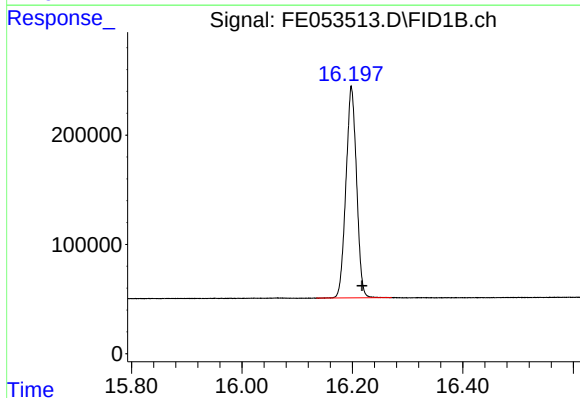
R.T.: 14.070 min
Delta R.T.: -0.017 min
Response: 2688143
Conc: 18.63 ug/ml

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20 PPM ALIPHATIC HC STD



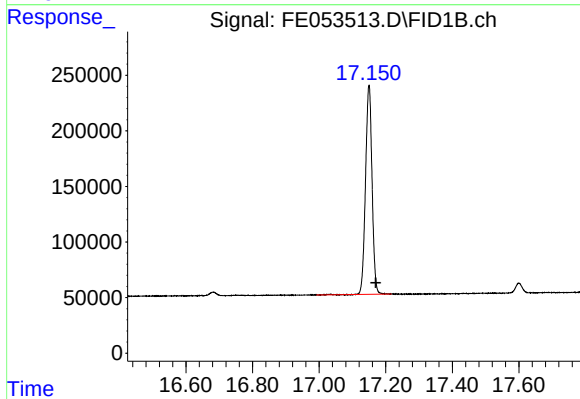
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: -0.018 min
Response: 2635877
Conc: 18.35 ug/ml



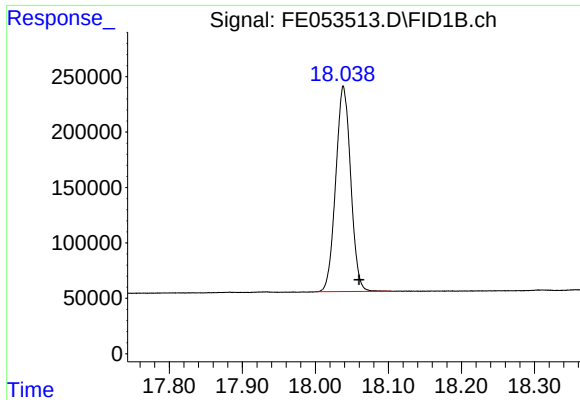
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: -0.019 min
Response: 2580817
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

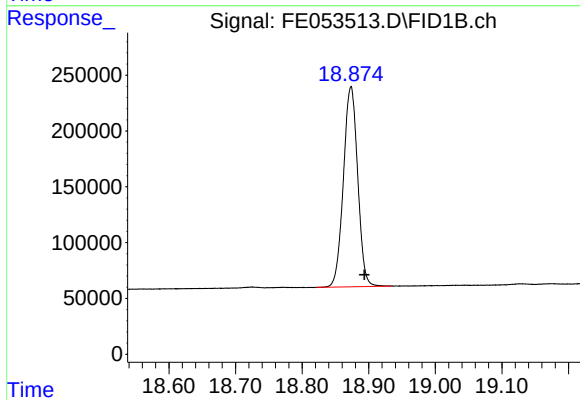
R.T.: 17.150 min
Delta R.T.: -0.020 min
Response: 2562237
Conc: 18.42 ug/ml



#17 n-Tricontane (C30)

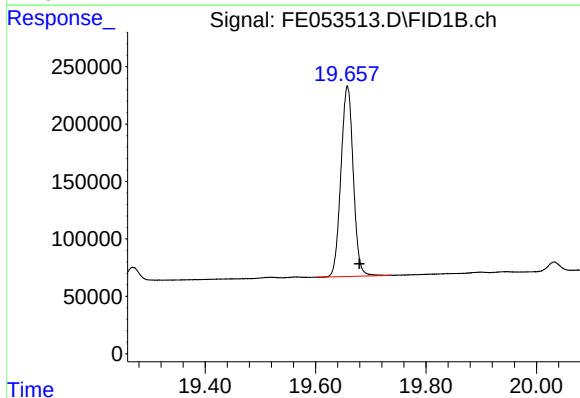
R.T.: 18.038 min
Delta R.T.: -0.021 min
Response: 2642269
Conc: 18.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



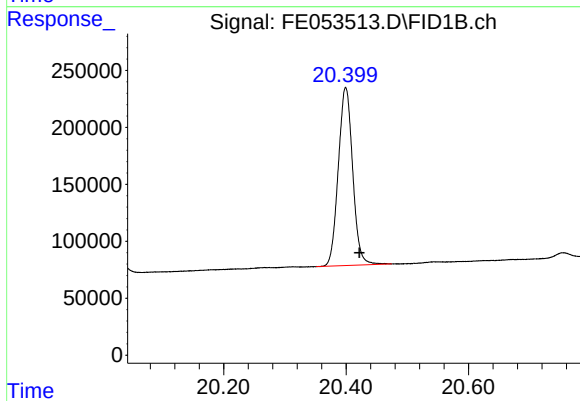
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: -0.020 min
Response: 2672718
Conc: 19.47 ug/ml



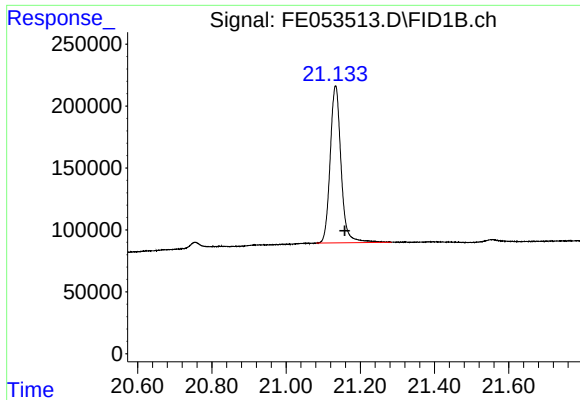
#19 n-Tetratriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.022 min
Response: 2572729
Conc: 19.75 ug/ml



#20 n-Hexatriacontane (C36)

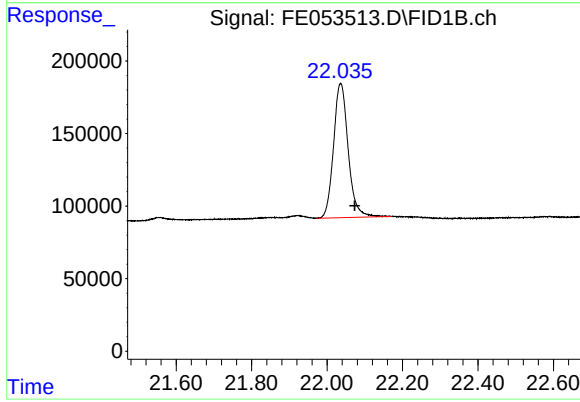
R.T.: 20.399 min
Delta R.T.: -0.022 min
Response: 2550209
Conc: 20.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.133 min
Delta R.T.: -0.025 min
Response: 2581658
Conc: 21.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.036 min
Delta R.T.: -0.037 min
Response: 2487963
Conc: 20.83 ug/ml