

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032025AL\
 Data File : FE052882.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2025 12:29
 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: Mar 20 23:21:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.904	3171135	18.810 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
12) S 1-chlorooctadecane (S...	13.350	2365681	19.482 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
Target Compounds			
1) T n-Nonane (C9)	3.245	2815895	18.161 ug/ml
2) T n-Decane (C10)	4.506	2949208	18.773 ug/ml
3) T A~Naphthalene (C11.7)	6.220	3175317	18.723 ug/ml
4) T n-Dodecane (C12)	6.688	2960149	19.012 ug/ml
5) T A~2-methylnaphthalene...	7.323	3059887	18.881 ug/ml
6) T n-Tetradecane (C14)	8.525	2928702	19.356 ug/ml
7) T n-Hexadecane (C16)	10.140	2985533	19.528 ug/ml
8) T n-Octadecane (C18)	11.589	2951310	19.399 ug/ml
10) T n-Eicosane (C20)	12.903	2801431	19.297 ug/ml
11) T n-Heneicosane (C21)	13.518	2721988	19.125 ug/ml
13) T n-Docosane (C22)	14.106	2732002	19.198 ug/ml
14) T n-Tetracosane (C24)	15.212	2810187	19.637 ug/ml
15) T n-Hexacosane (C26)	16.236	2811015	19.769 ug/ml
16) T n-Octacosane (C28)	17.189	2926794	20.583 ug/ml
17) T n-Tricontane (C30)	18.078	3206625	21.710 ug/ml
18) T n-Dotriacontane (C32)	18.913	3237832	22.302 ug/ml
19) T n-Tetratriacontane (C34)	19.698	2942865	21.835 ug/ml
20) T n-Hexatriacontane (C36)	20.439	2584044	21.747 ug/ml
21) T n-Octatriacontane (C38)	21.180	2373513	21.395 ug/ml
22) T n-Tetracontane (C40)	22.099	2249049	20.802 ug/ml

(f)=RT Delta > 1/2 Window

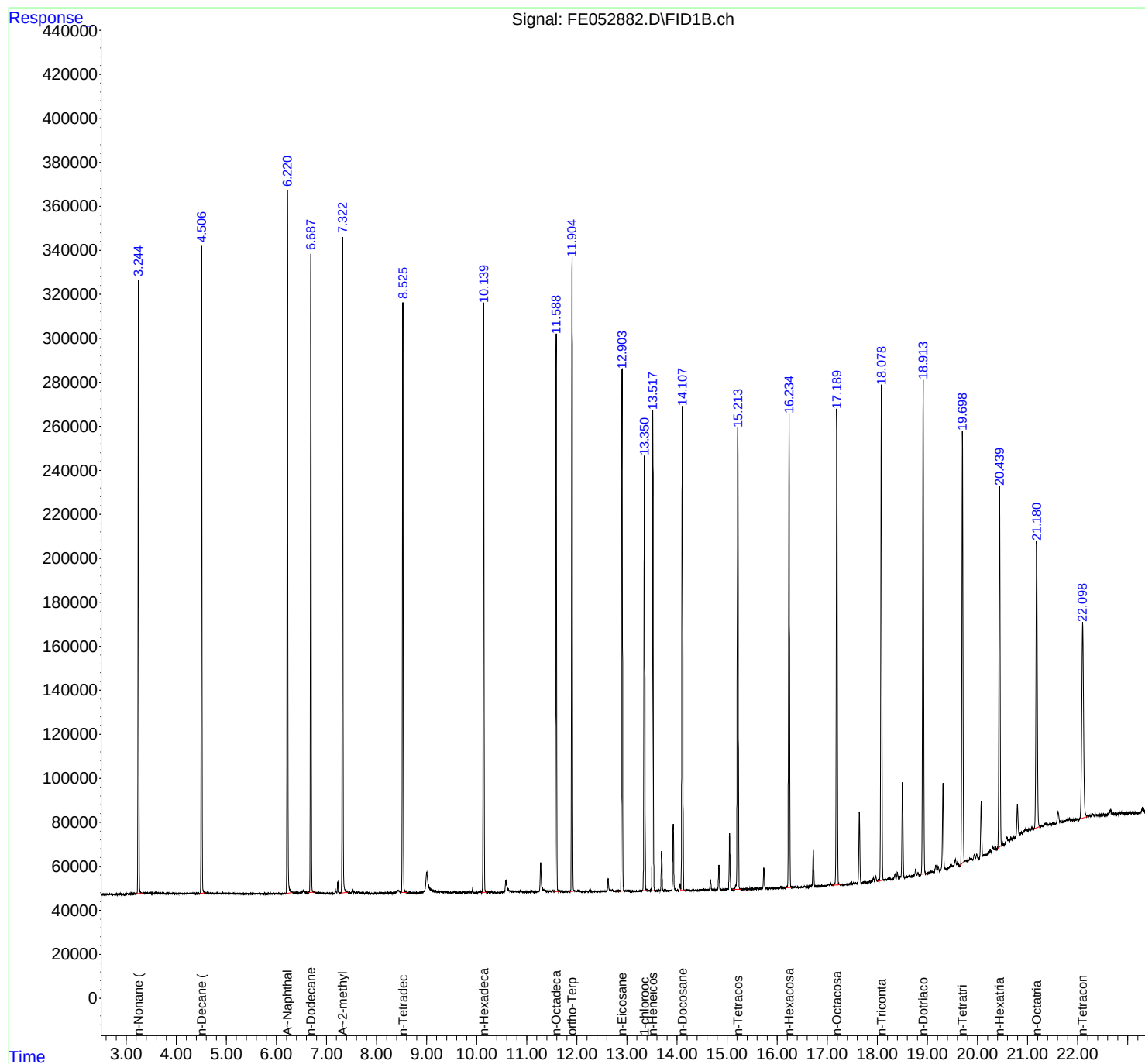
(m)=manual int.

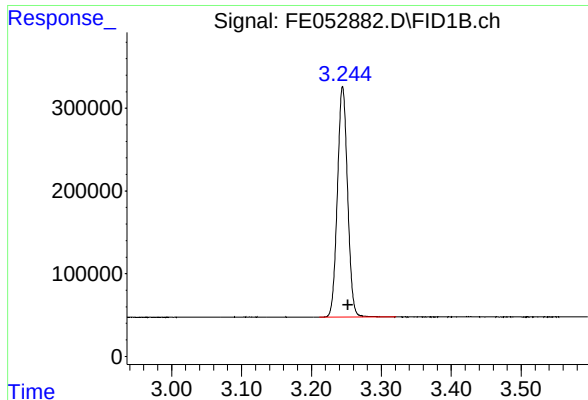
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032025AL\
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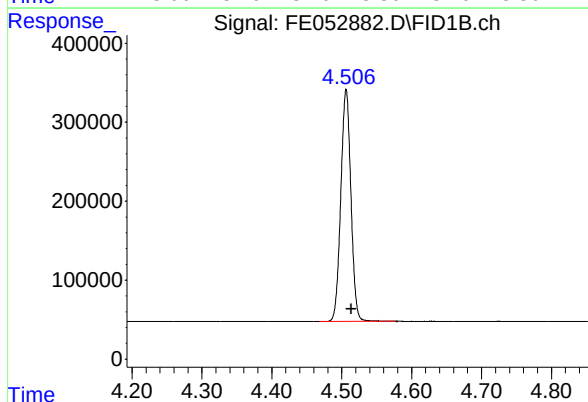




#1 n-Nonane (C9)

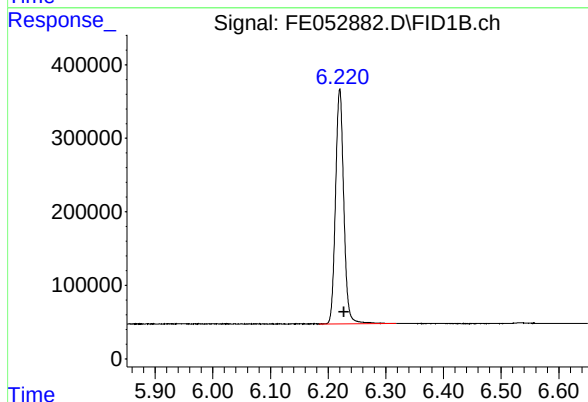
R.T.: 3.245 min
Delta R.T.: -0.007 min
Response: 2815895
Conc: 18.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



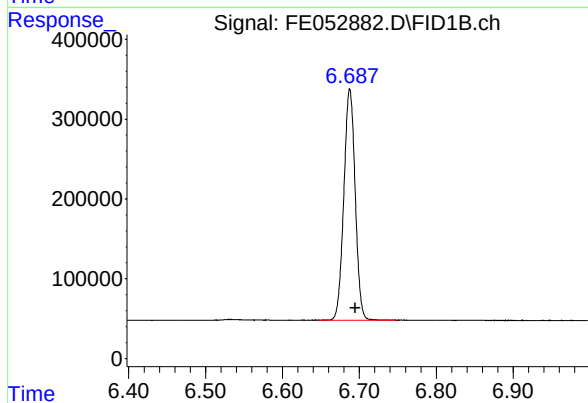
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.007 min
Response: 2949208
Conc: 18.77 ug/ml



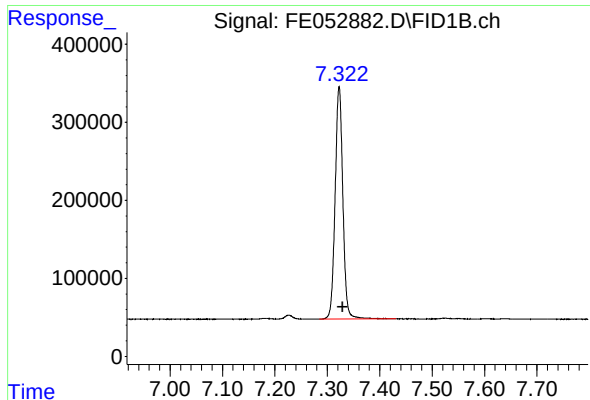
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 3175317
Conc: 18.72 ug/ml



#4 n-Dodecane (C12)

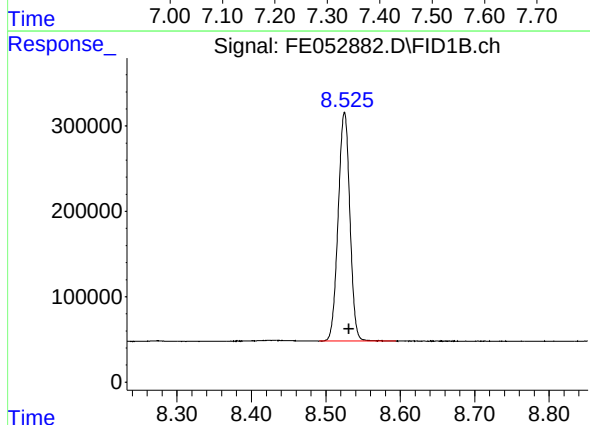
R.T.: 6.688 min
Delta R.T.: -0.007 min
Response: 2960149
Conc: 19.01 ug/ml



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

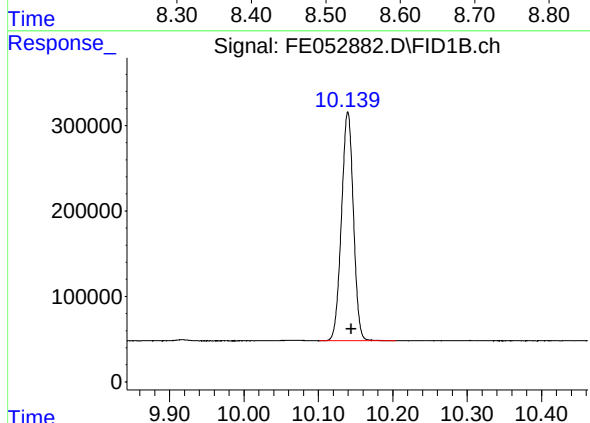
R.T.: 7.323 min
Delta R.T.: -0.007 min
Response: 3059887
Conc: 18.88 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



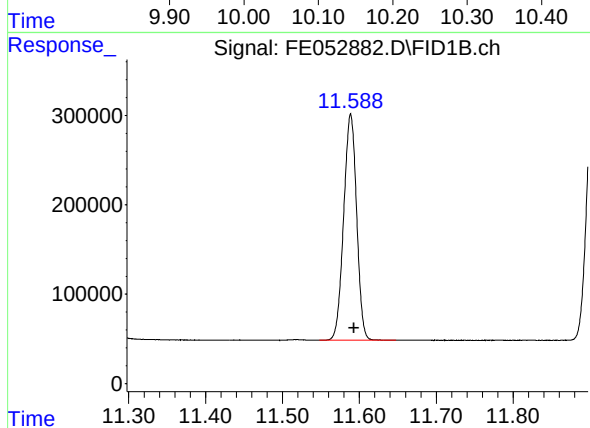
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.006 min
Response: 2928702
Conc: 19.36 ug/ml



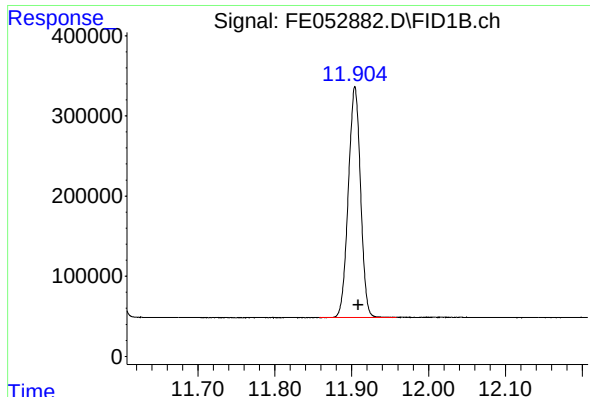
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.005 min
Response: 2985533
Conc: 19.53 ug/ml



#8 n-Octadecane (C18)

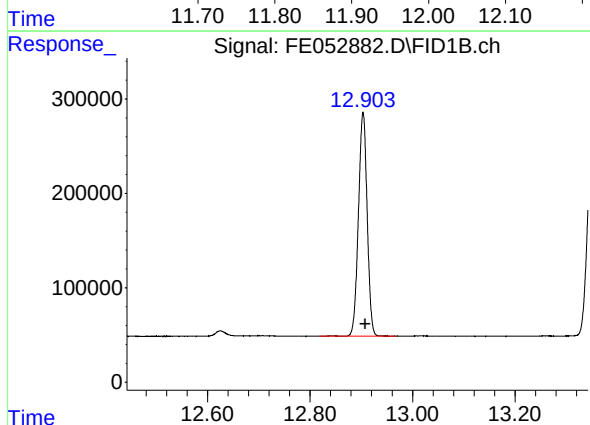
R.T.: 11.589 min
Delta R.T.: -0.004 min
Response: 2951310
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

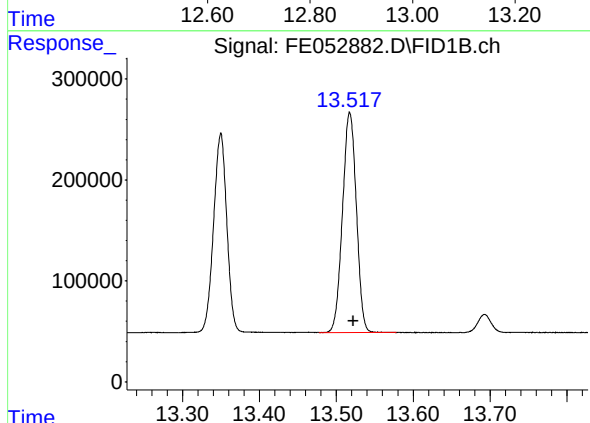
R.T.: 11.904 min
Delta R.T.: -0.004 min
Response: 3171135
Conc: 18.81 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



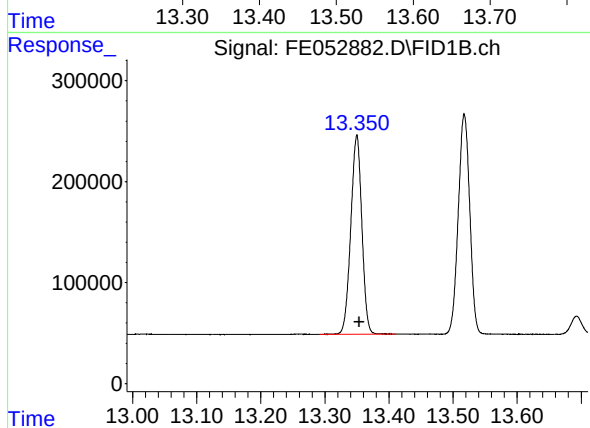
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: -0.004 min
Response: 2801431
Conc: 19.30 ug/ml



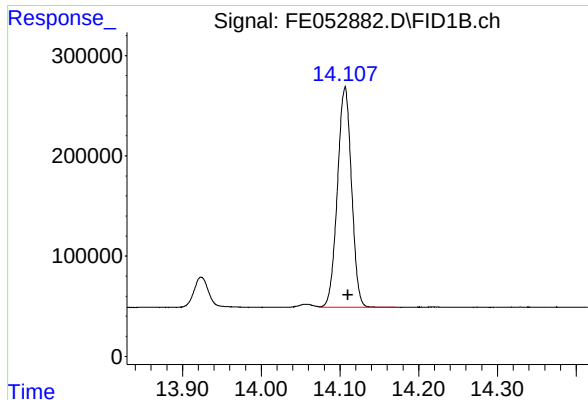
#11 n-Heneicosane (C21)

R.T.: 13.518 min
Delta R.T.: -0.005 min
Response: 2721988
Conc: 19.12 ug/ml



#12 1-chlorooctadecane (SURR)

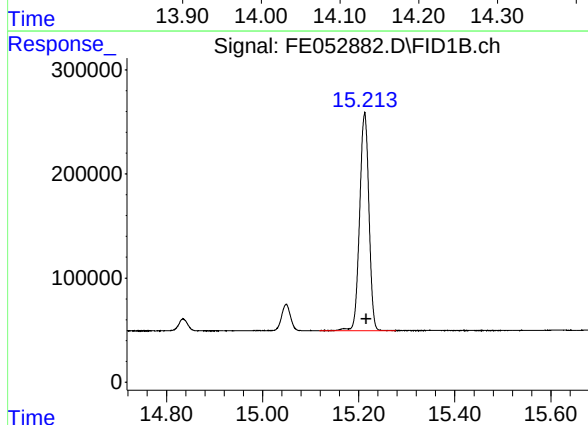
R.T.: 13.350 min
Delta R.T.: -0.004 min
Response: 2365681
Conc: 19.48 ug/ml



#13 n-Docosane (C22)

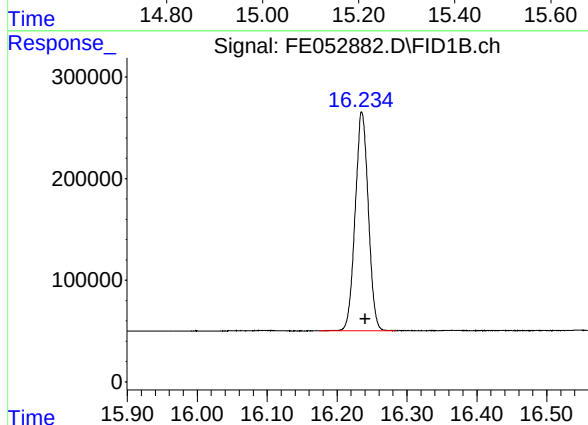
R.T.: 14.106 min
Delta R.T.: -0.004 min
Response: 2732002
Conc: 19.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



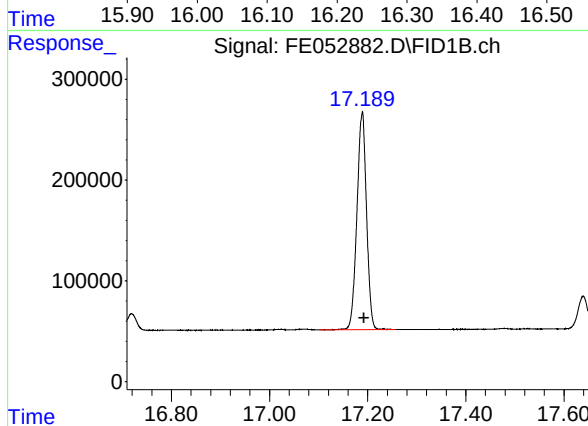
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: -0.004 min
Response: 2810187
Conc: 19.64 ug/ml



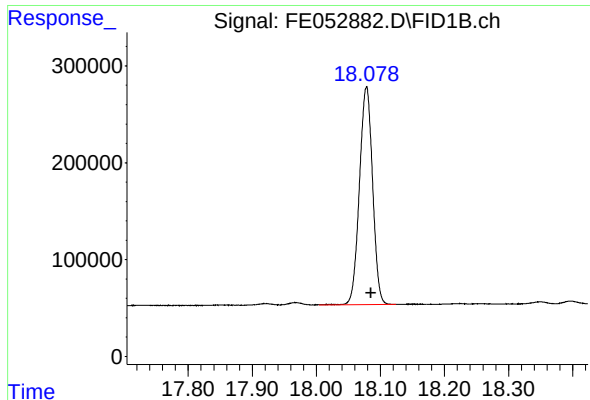
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: -0.005 min
Response: 2811015
Conc: 19.77 ug/ml



#16 n-Octacosane (C28)

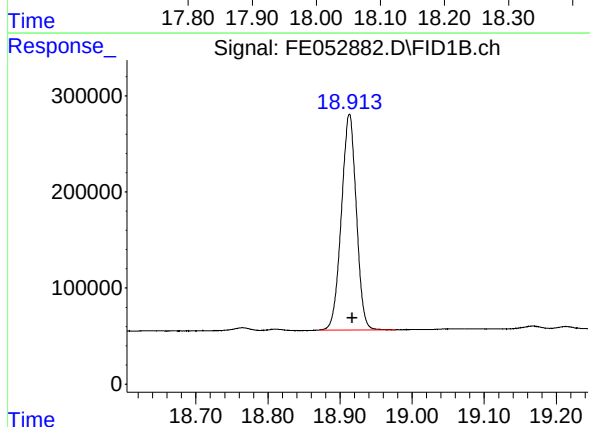
R.T.: 17.189 min
Delta R.T.: -0.003 min
Response: 2926794
Conc: 20.58 ug/ml



#17 n-Tricontane (C30)

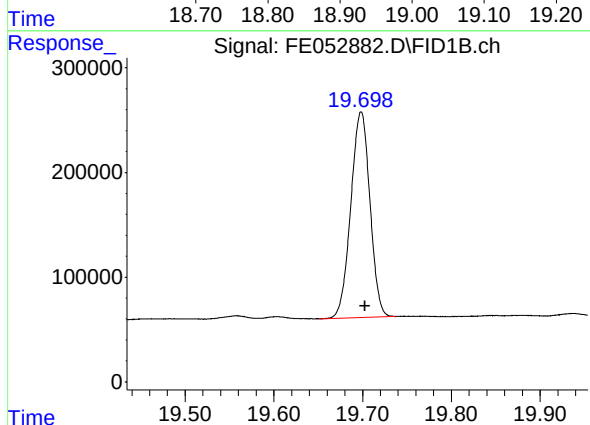
R.T.: 18.078 min
Delta R.T.: -0.007 min
Response: 3206625
Conc: 21.71 ug/ml

Instrument :
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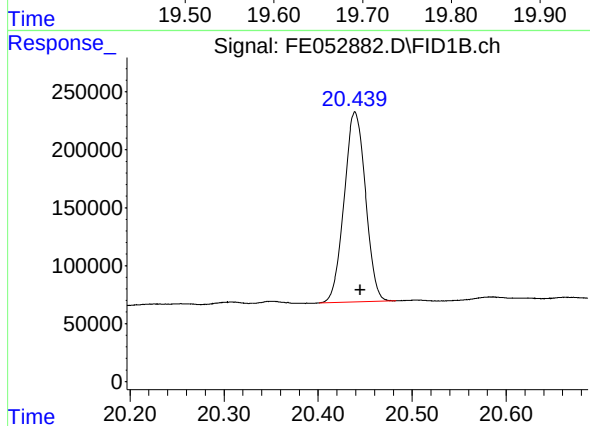
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.004 min
Response: 3237832
Conc: 22.30 ug/ml



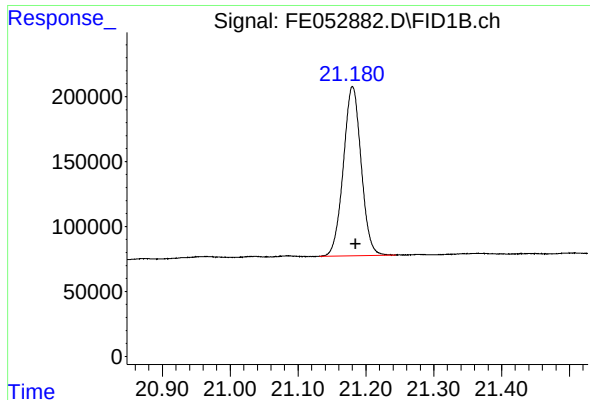
#19 n-Tetatriacontane (C34)

R.T.: 19.698 min
Delta R.T.: -0.004 min
Response: 2942865
Conc: 21.83 ug/ml



#20 n-Hexatriacontane (C36)

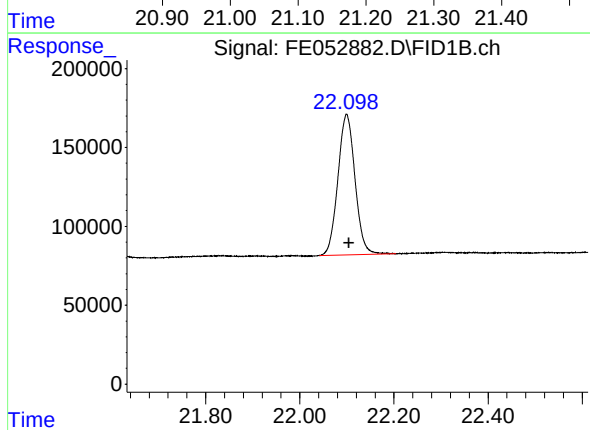
R.T.: 20.439 min
Delta R.T.: -0.005 min
Response: 2584044
Conc: 21.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: -0.005 min
Response: 2373513
Conc: 21.40 ug/ml

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FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: -0.005 min
Response: 2249049
Conc: 20.80 ug/ml