

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121024AL\
 Data File : FE051616.D
 Signal(s) : FID1B.ch
 Acq On : 10 Dec 2024 19:06
 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: Dec 11 02:07:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 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)	11.825	2645583	17.507 ug/ml
Spiked Amount 50.000		Recovery =	35.01%
12) S 1-chlorooctadecane (S...	13.258	2021874	18.092 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T n-Nonane (C9)	3.216	2422664	17.286 ug/ml
2) T n-Decane (C10)	4.464	2516394	17.745 ug/ml
3) T A~Naphthalene (C11.7)	6.179	2292320	17.341 ug/ml
4) T n-Dodecane (C12)	6.631	2525818	17.745 ug/ml
5) T A~2-methylnaphthalene...	7.276	2108040	17.572 ug/ml
6) T n-Tetradecane (C14)	8.458	2485207	17.828 ug/ml
7) T n-Hexadecane (C16)	10.064	2527683	17.790 ug/ml
8) T n-Octadecane (C18)	11.504	2528228	17.593 ug/ml
10) T n-Eicosane (C20)	12.812	2424063	17.560 ug/ml
11) T n-Heneicosane (C21)	13.423	2378874	17.550 ug/ml
13) T n-Docosane (C22)	14.008	2354014	17.580 ug/ml
14) T n-Tetracosane (C24)	15.110	2348279	17.772 ug/ml
15) T n-Hexacosane (C26)	16.129	2350801	18.128 ug/ml
16) T n-Octacosane (C28)	17.078	2381105	18.676 ug/ml
17) T n-Tricontane (C30)	17.964	2502624	19.328 ug/ml
18) T n-Dotriacontane (C32)	18.795	2494441	19.926 ug/ml
19) T n-Tetratriacontane (C34)	19.578	2220418	19.660 ug/ml
20) T n-Hexatriacontane (C36)	20.318	1974640	20.504 ug/ml
21) T n-Octatriacontane (C38)	21.038	1836577	20.172 ug/ml
22) T n-Tetracontane (C40)	21.911	1849607	21.106 ug/ml

(f)=RT Delta > 1/2 Window

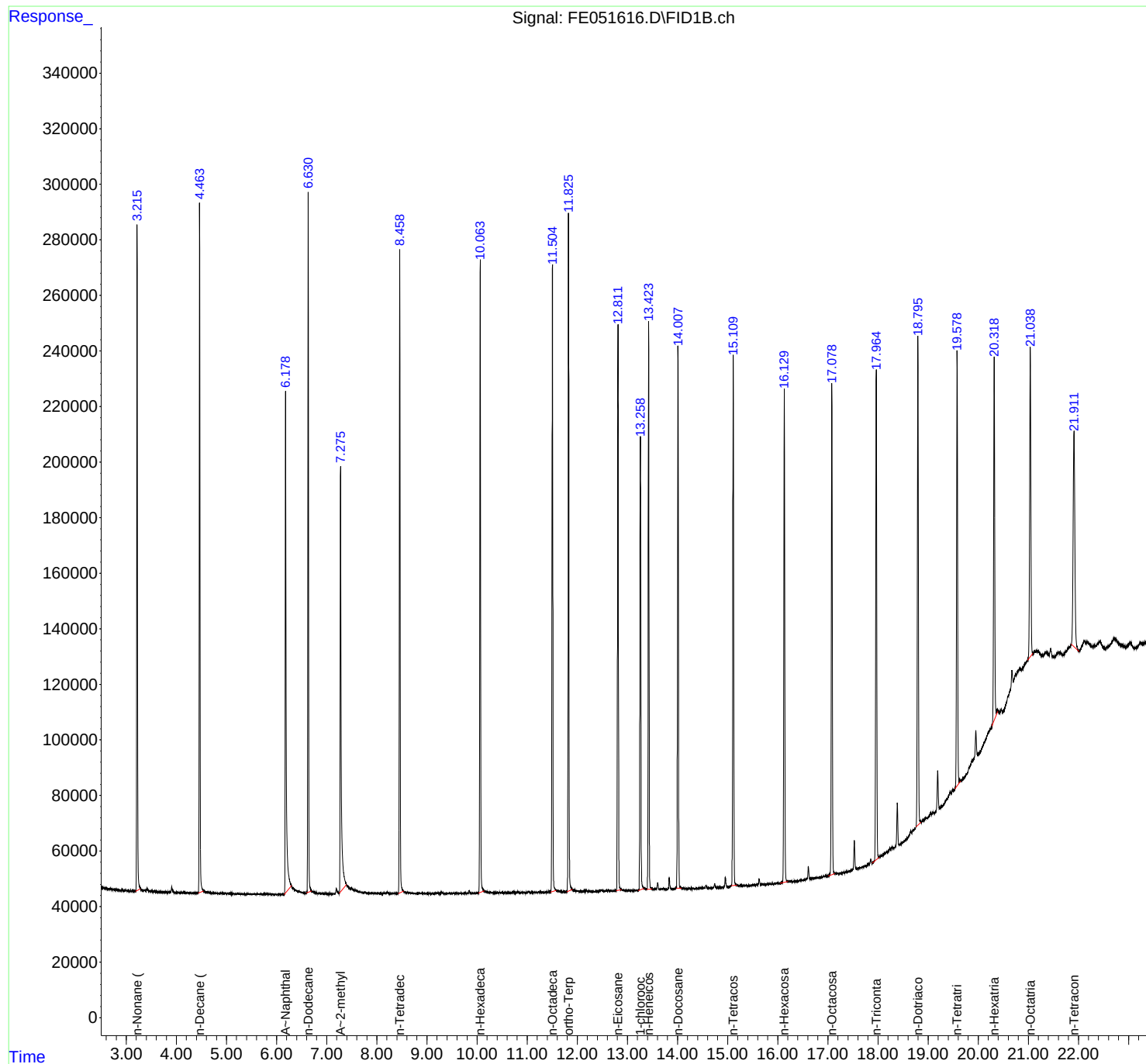
(m)=manual int.

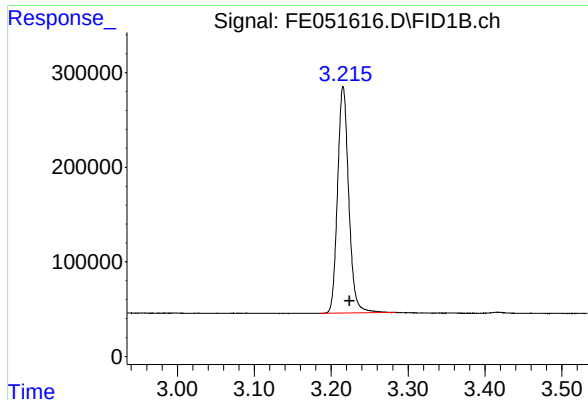
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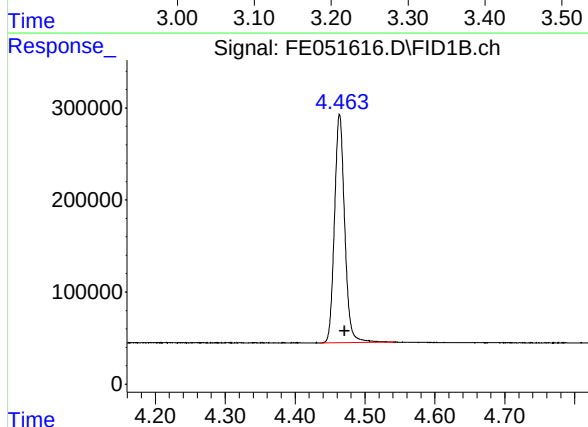




#1 n-Nonane (C9)

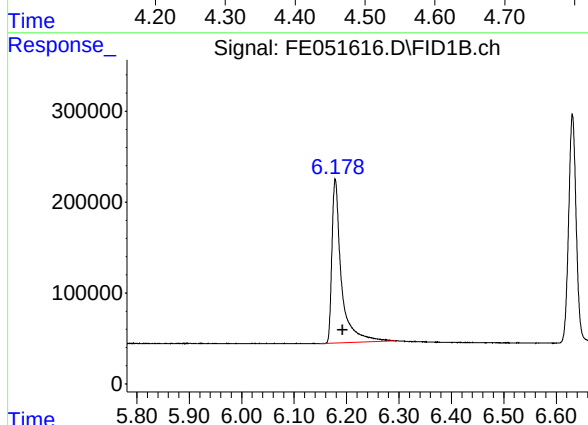
R.T.: 3.216 min
Delta R.T.: -0.008 min
Response: 2422664
Conc: 17.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



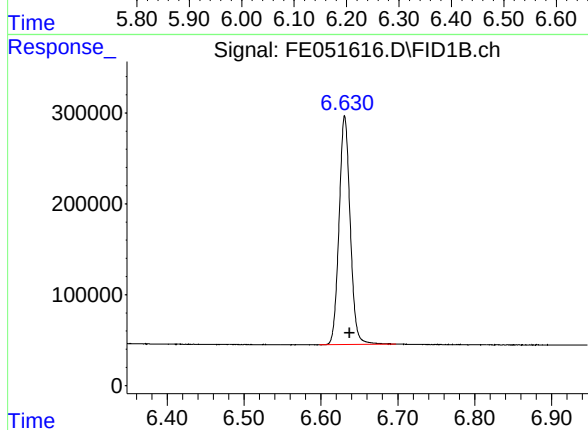
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.007 min
Response: 2516394
Conc: 17.75 ug/ml



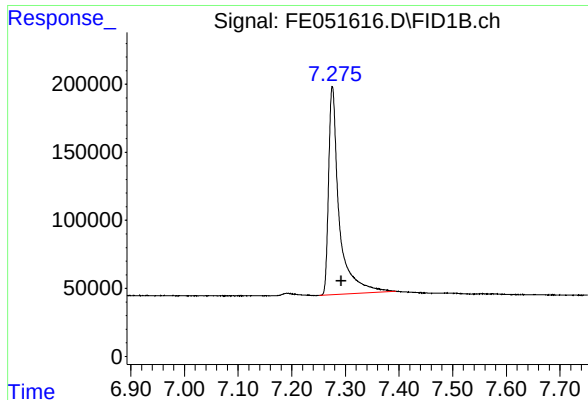
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.014 min
Response: 2292320
Conc: 17.34 ug/ml



#4 n-Dodecane (C12)

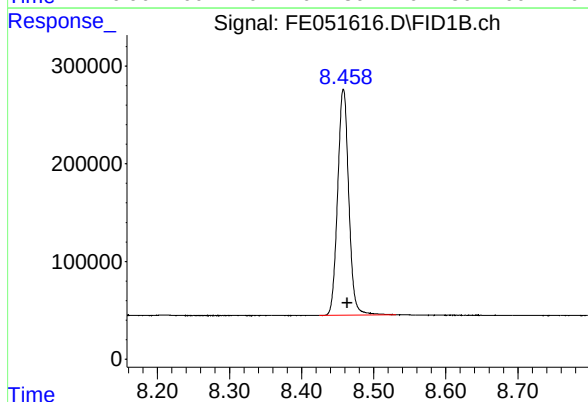
R.T.: 6.631 min
Delta R.T.: -0.006 min
Response: 2525818
Conc: 17.74 ug/ml



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

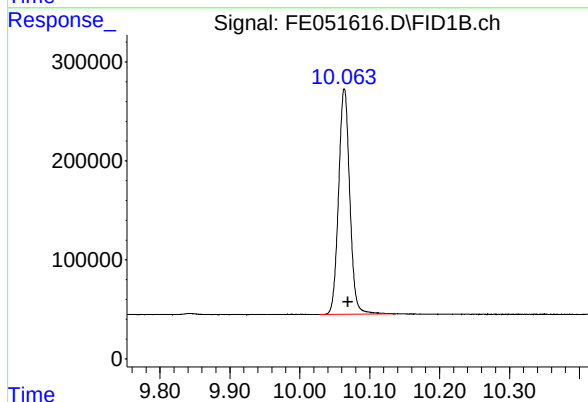
R.T.: 7.276 min
Delta R.T.: -0.016 min
Response: 2108040
Conc: 17.57 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



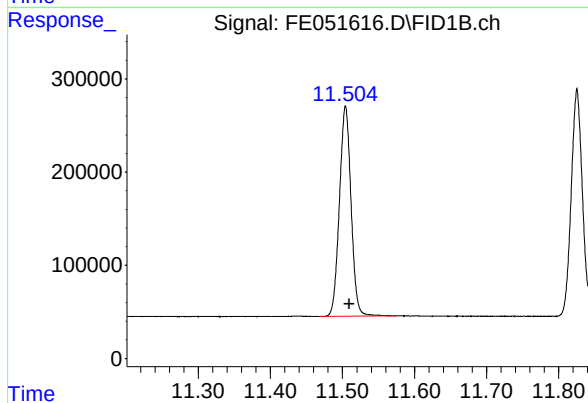
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.005 min
Response: 2485207
Conc: 17.83 ug/ml



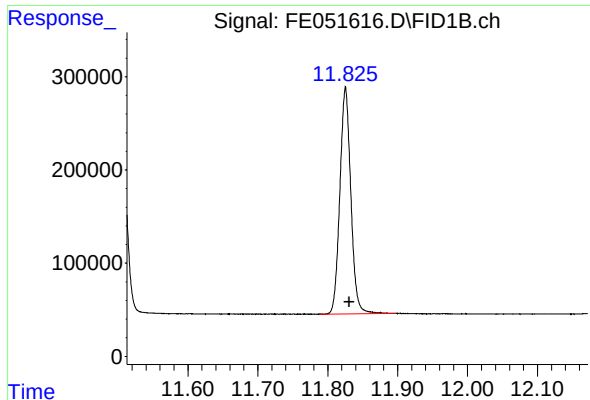
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.005 min
Response: 2527683
Conc: 17.79 ug/ml



#8 n-Octadecane (C18)

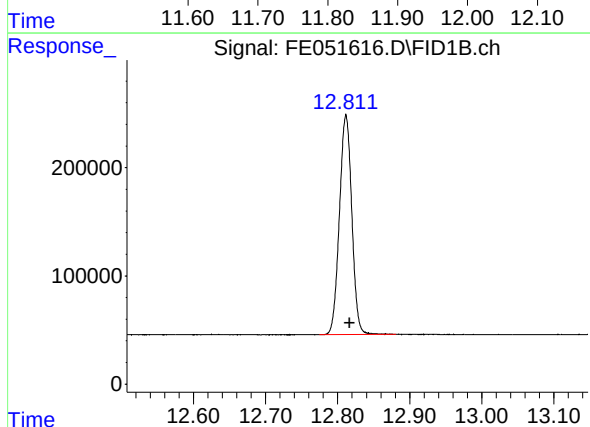
R.T.: 11.504 min
Delta R.T.: -0.005 min
Response: 2528228
Conc: 17.59 ug/ml



#9 ortho-Terphenyl (SURR)

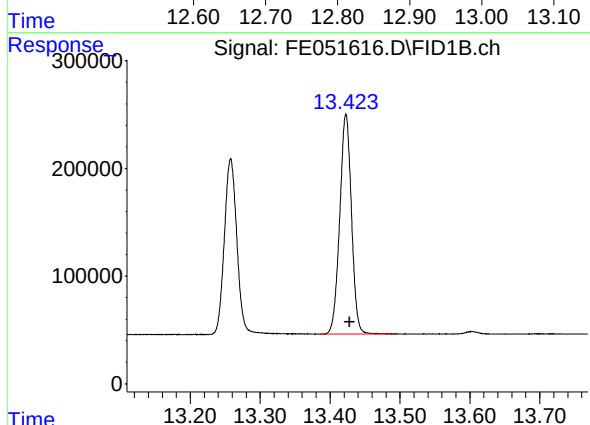
R.T.: 11.825 min
Delta R.T.: -0.006 min
Response: 2645583
Conc: 17.51 ug/ml

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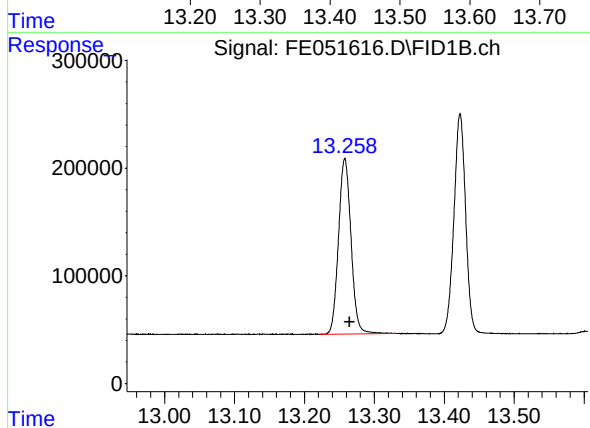
#10 n-Eicosane (C20)

R.T.: 12.812 min
Delta R.T.: -0.005 min
Response: 2424063
Conc: 17.56 ug/ml



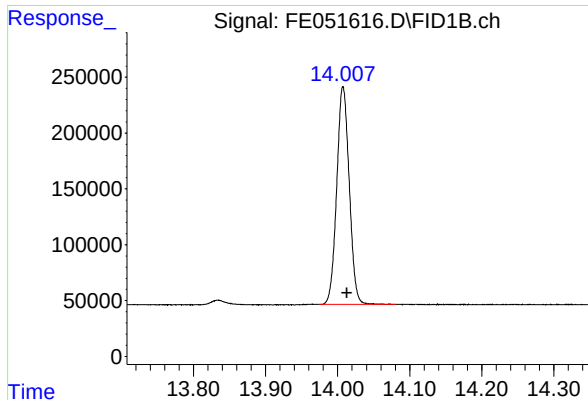
#11 n-Heneicosane (C21)

R.T.: 13.423 min
Delta R.T.: -0.005 min
Response: 2378874
Conc: 17.55 ug/ml



#12 1-chlorooctadecane (SURR)

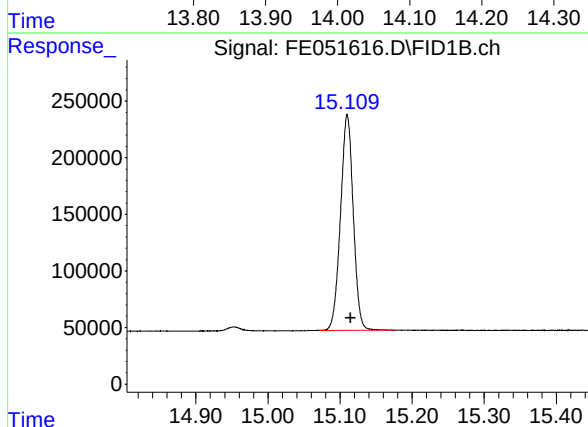
R.T.: 13.258 min
Delta R.T.: -0.007 min
Response: 2021874
Conc: 18.09 ug/ml



#13 n-Docosane (C22)

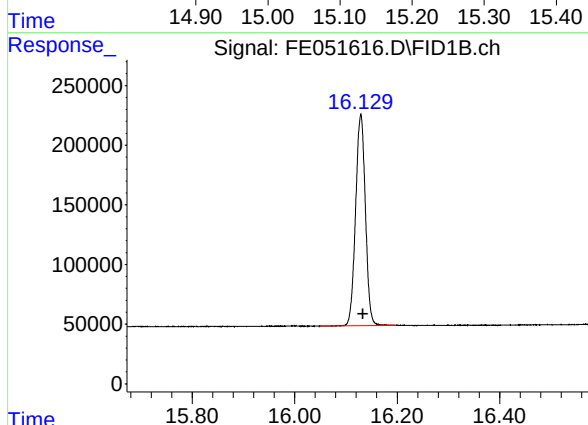
R.T.: 14.008 min
Delta R.T.: -0.006 min
Response: 2354014
Conc: 17.58 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



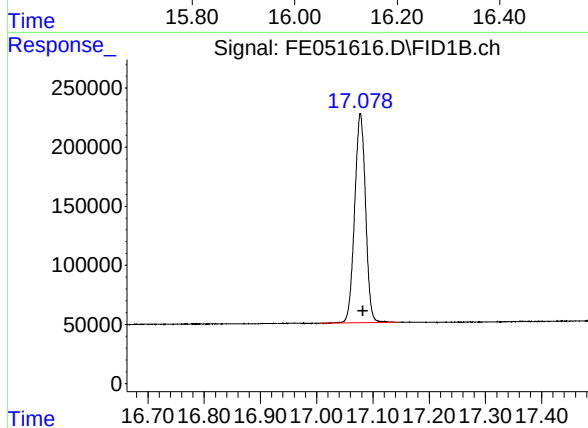
#14 n-Tetracosane (C24)

R.T.: 15.110 min
Delta R.T.: -0.005 min
Response: 2348279
Conc: 17.77 ug/ml



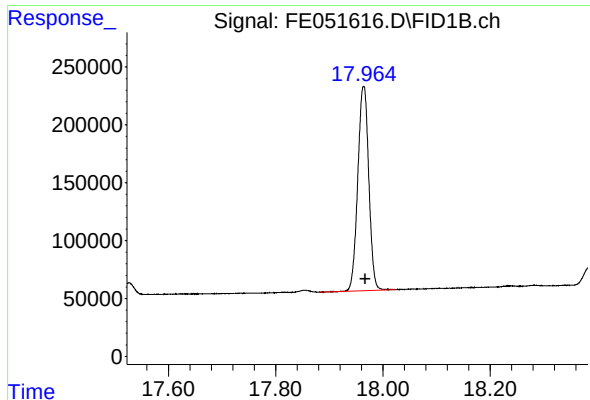
#15 n-Hexacosane (C26)

R.T.: 16.129 min
Delta R.T.: -0.004 min
Response: 2350801
Conc: 18.13 ug/ml



#16 n-Octacosane (C28)

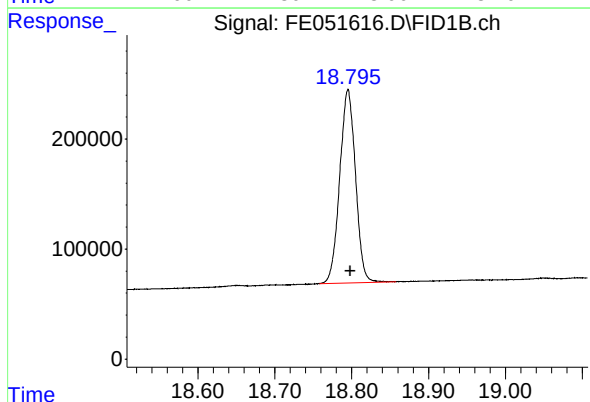
R.T.: 17.078 min
Delta R.T.: -0.004 min
Response: 2381105
Conc: 18.68 ug/ml



#17 n-Tricontane (C30)

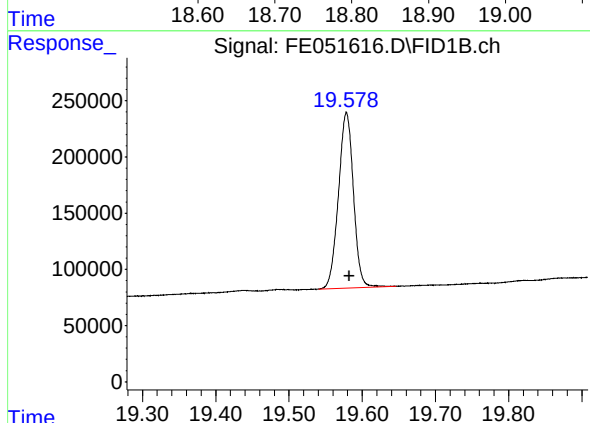
R.T.: 17.964 min
Delta R.T.: -0.004 min
Response: 2502624
Conc: 19.33 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



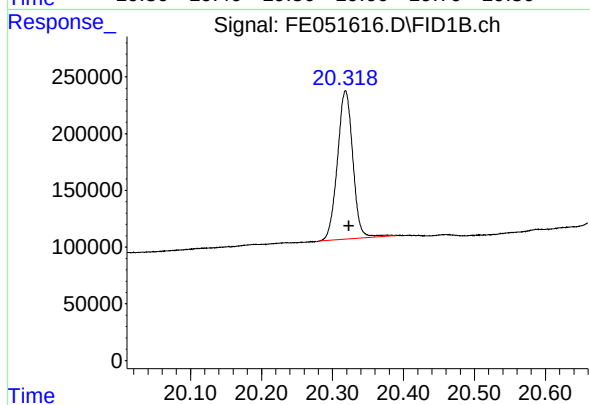
#18 n-Dotriacontane (C32)

R.T.: 18.795 min
Delta R.T.: -0.003 min
Response: 2494441
Conc: 19.93 ug/ml



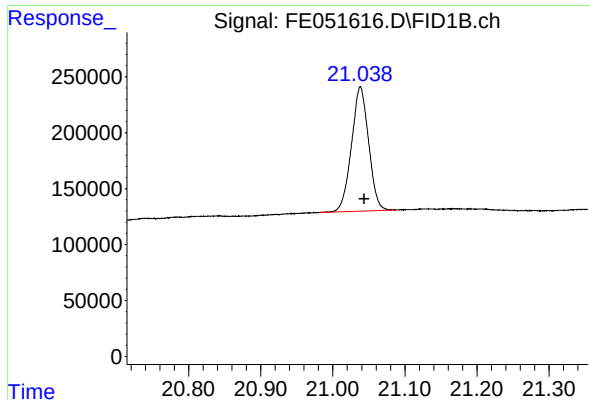
#19 n-Tetatriacontane (C34)

R.T.: 19.578 min
Delta R.T.: -0.004 min
Response: 2220418
Conc: 19.66 ug/ml



#20 n-Hexatriacontane (C36)

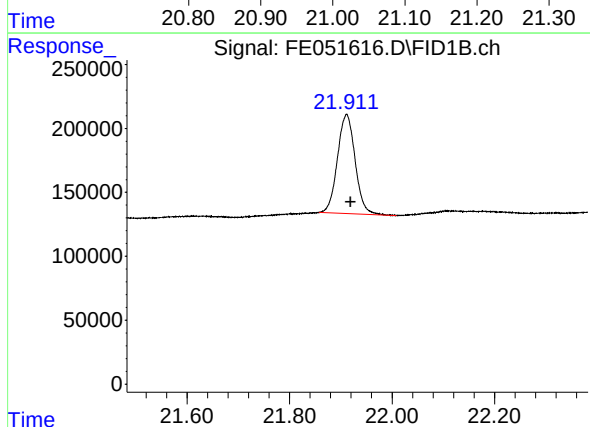
R.T.: 20.318 min
Delta R.T.: -0.005 min
Response: 1974640
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.038 min
Delta R.T.: -0.005 min
Response: 1836577
Conc: 20.17 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: -0.008 min
Response: 1849607
Conc: 21.11 ug/ml