

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051625AL\
 Data File : FE053889.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2025 22:41
 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: May 17 05:12:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.848	3097895	19.063 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
12) S 1-chlorooctadecane (S...	13.293	2304255	19.437 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.196	2365357	17.501 ug/ml
2) T n-Decane (C10)	4.458	2390535	17.690 ug/ml
3) T A~Naphthalene (C11.7)	6.171	2637042	18.349 ug/ml
4) T n-Dodecane (C12)	6.639	2464188	18.065 ug/ml
5) T A~2-methylnaphthalene...	7.273	2563420	18.481 ug/ml
6) T n-Tetradecane (C14)	8.475	2482597	18.397 ug/ml
7) T n-Hexadecane (C16)	10.087	2535865	18.793 ug/ml
8) T n-Octadecane (C18)	11.534	2556925	18.988 ug/ml
10) T n-Eicosane (C20)	12.847	2519086	19.167 ug/ml
11) T n-Heneicosane (C21)	13.461	2491087	19.215 ug/ml
13) T n-Docosane (C22)	14.049	2466940	19.337 ug/ml
14) T n-Tetracosane (C24)	15.154	2420937	19.349 ug/ml
15) T n-Hexacosane (C26)	16.177	2364471	19.309 ug/ml
16) T n-Octacosane (C28)	17.129	2332981	19.191 ug/ml
17) T n-Tricontane (C30)	18.018	2375759	19.073 ug/ml
18) T n-Dotriacontane (C32)	18.853	2408555	19.260 ug/ml
19) T n-Tetratriacontane (C34)	19.638	2322827	19.500 ug/ml
20) T n-Hexatriacontane (C36)	20.379	2330939	20.131 ug/ml
21) T n-Octatriacontane (C38)	21.109	2268940	20.849 ug/ml
22) T n-Tetracontane (C40)	22.007	2230174	22.475 ug/ml

(f)=RT Delta > 1/2 Window

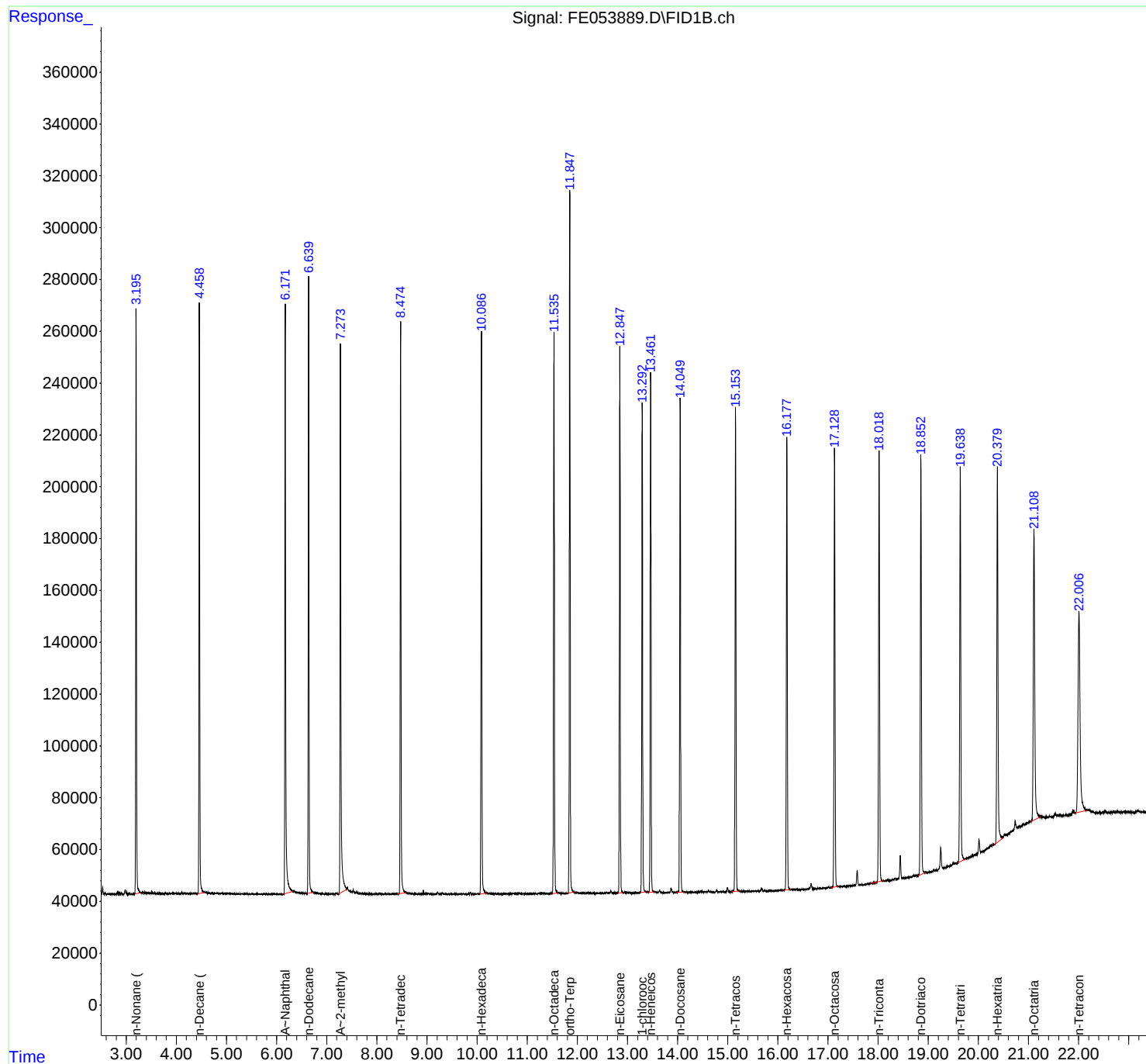
(m)=manual int.

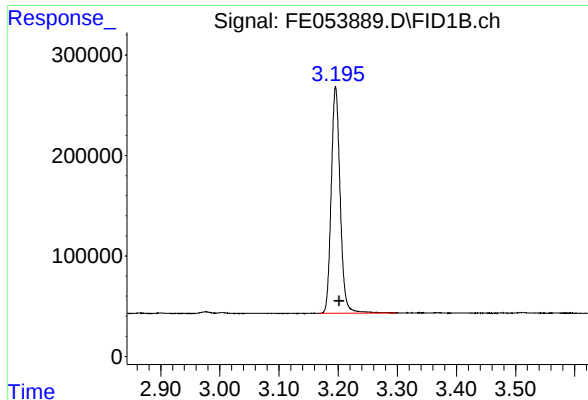
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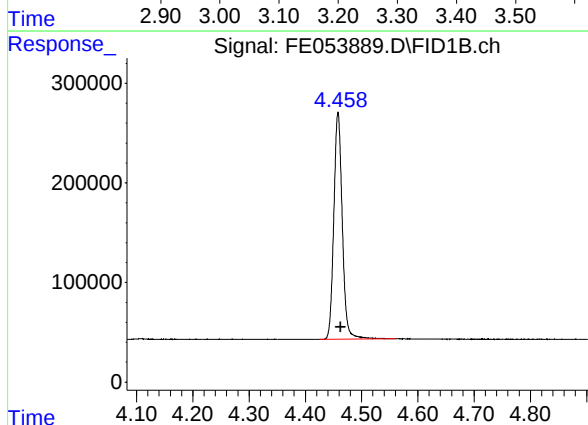




#1 n-Nonane (C9)

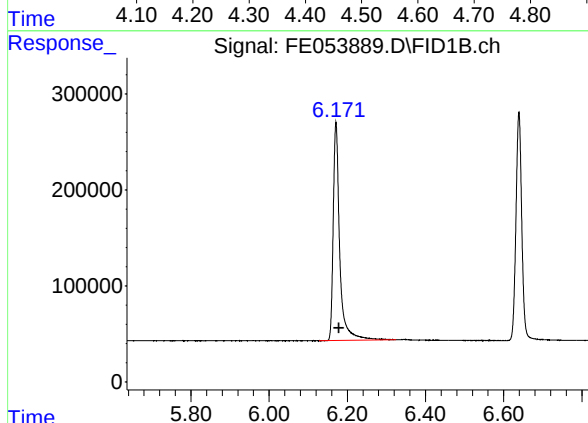
R.T.: 3.196 min
Delta R.T.: -0.006 min
Response: 2365357
Conc: 17.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



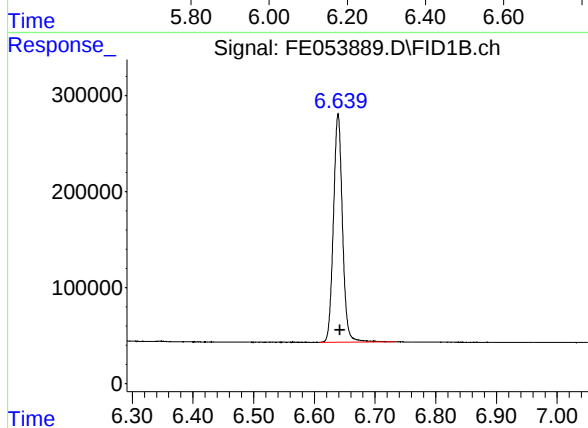
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: -0.004 min
Response: 2390535
Conc: 17.69 ug/ml



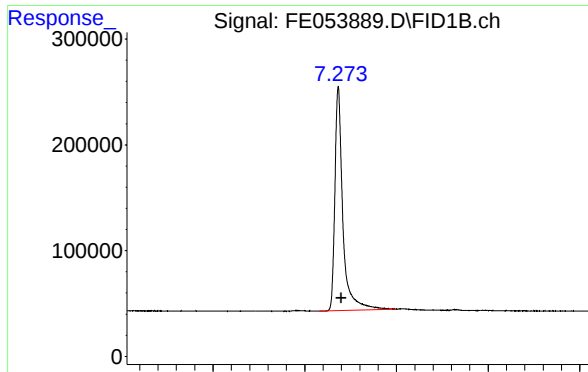
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.007 min
Response: 2637042
Conc: 18.35 ug/ml



#4 n-Dodecane (C12)

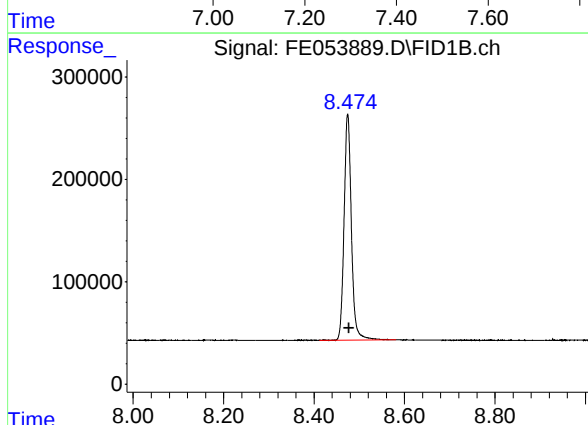
R.T.: 6.639 min
Delta R.T.: -0.003 min
Response: 2464188
Conc: 18.07 ug/ml



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

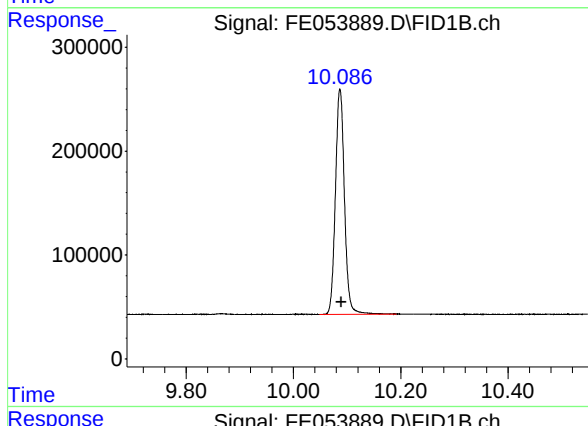
R.T.: 7.273 min
Delta R.T.: -0.007 min
Response: 2563420
Conc: 18.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



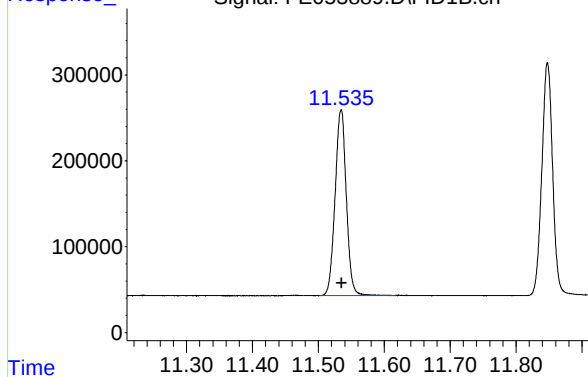
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.003 min
Response: 2482597
Conc: 18.40 ug/ml



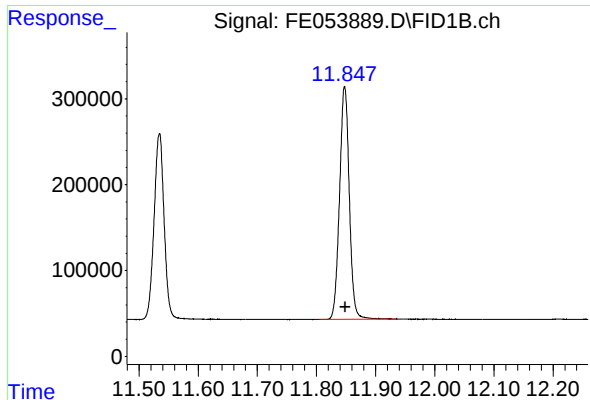
#7 n-Hexadecane (C16)

R.T.: 10.087 min
Delta R.T.: -0.003 min
Response: 2535865
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

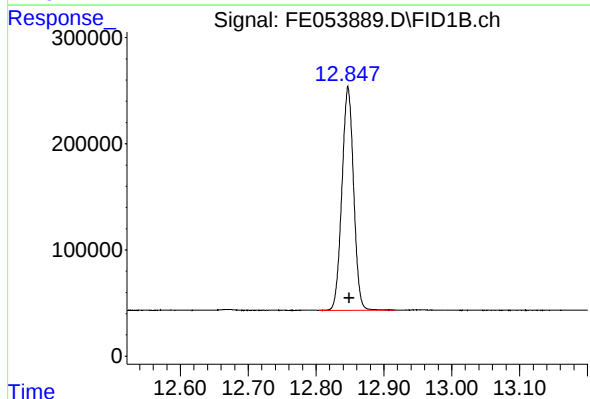
R.T.: 11.534 min
Delta R.T.: -0.001 min
Response: 2556925
Conc: 18.99 ug/ml



#9 ortho-Terphenyl (SURR)

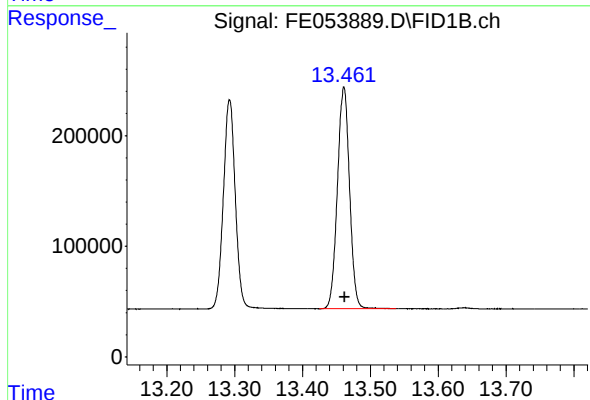
R.T.: 11.848 min
Delta R.T.: 0.000 min
Response: 3097895
Conc: 19.06 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



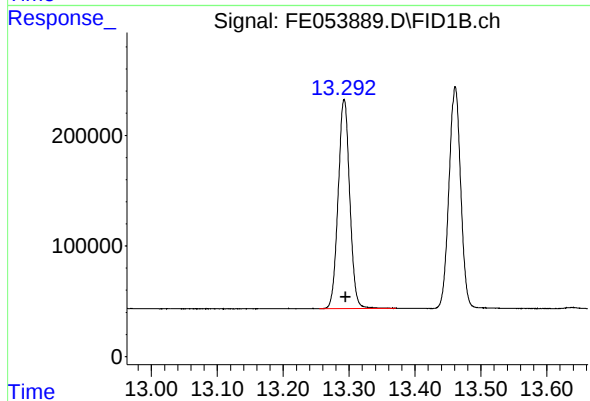
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: -0.001 min
Response: 2519086
Conc: 19.17 ug/ml



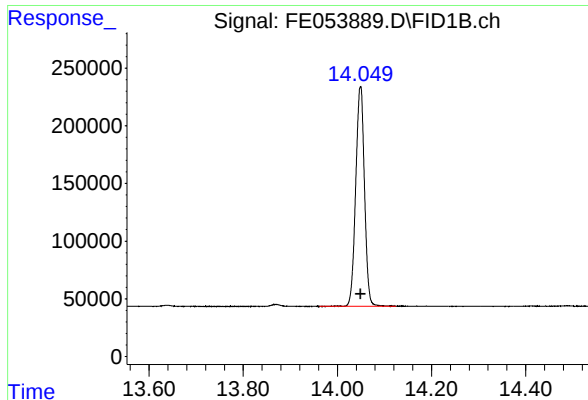
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.001 min
Response: 2491087
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

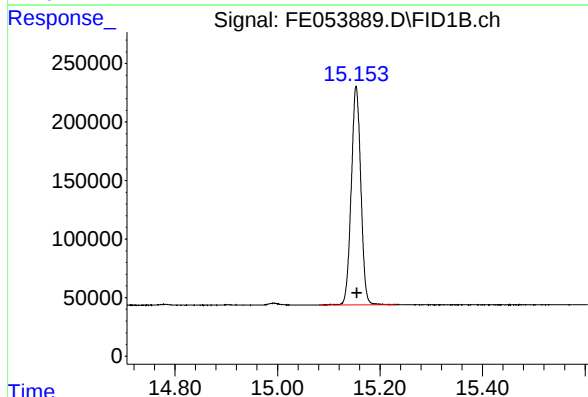
R.T.: 13.293 min
Delta R.T.: -0.002 min
Response: 2304255
Conc: 19.44 ug/ml



#13 n-Docosane (C22)

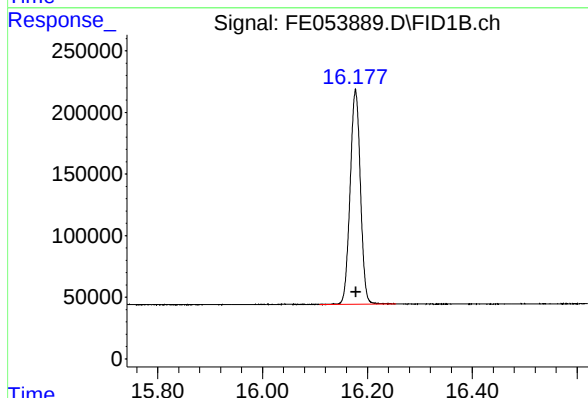
R.T.: 14.049 min
Delta R.T.: 0.000 min
Response: 2466940
Conc: 19.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



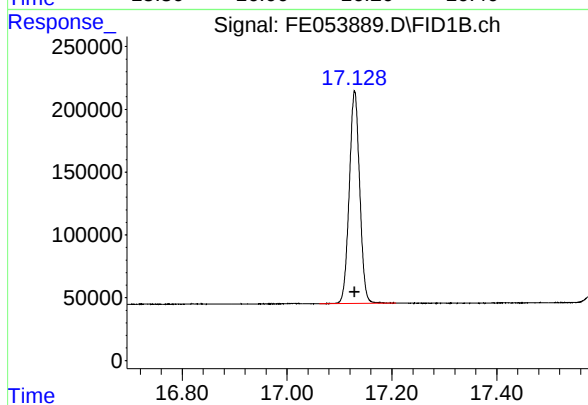
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: -0.001 min
Response: 2420937
Conc: 19.35 ug/ml



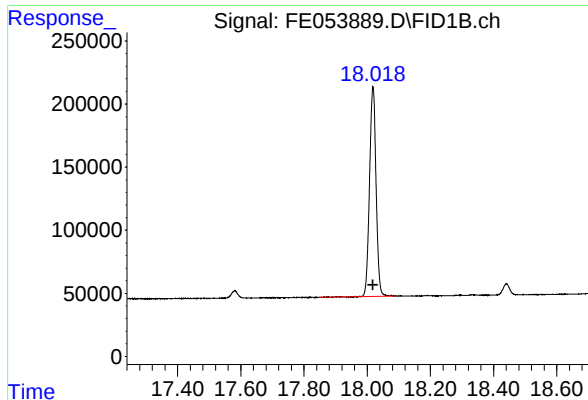
#15 n-Hexacosane (C26)

R.T.: 16.177 min
Delta R.T.: 0.000 min
Response: 2364471
Conc: 19.31 ug/ml



#16 n-Octacosane (C28)

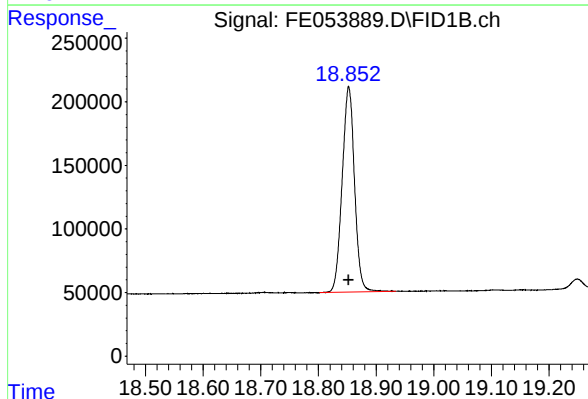
R.T.: 17.129 min
Delta R.T.: 0.000 min
Response: 2332981
Conc: 19.19 ug/ml



#17 n-Tricontane (C30)

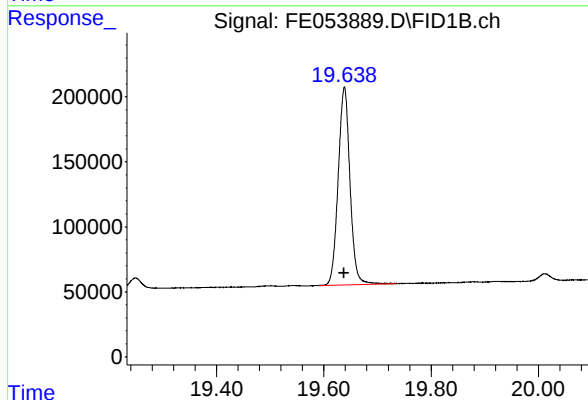
R.T.: 18.018 min
Delta R.T.: 0.000 min
Response: 2375759
Conc: 19.07 ug/ml

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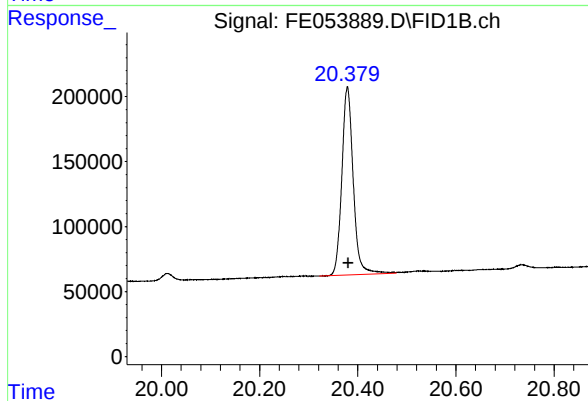
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: 0.000 min
Response: 2408555
Conc: 19.26 ug/ml



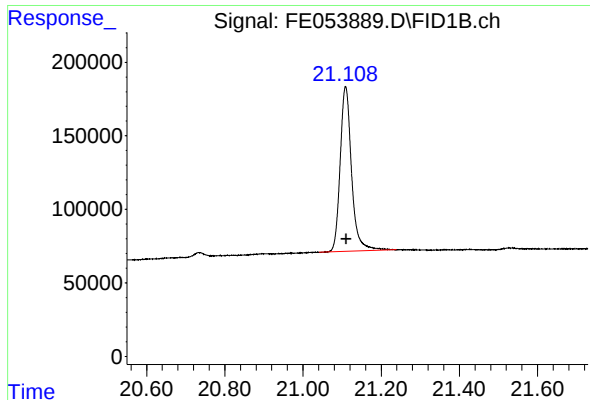
#19 n-Tetatriacontane (C34)

R.T.: 19.638 min
Delta R.T.: 0.000 min
Response: 2322827
Conc: 19.50 ug/ml



#20 n-Hexatriacontane (C36)

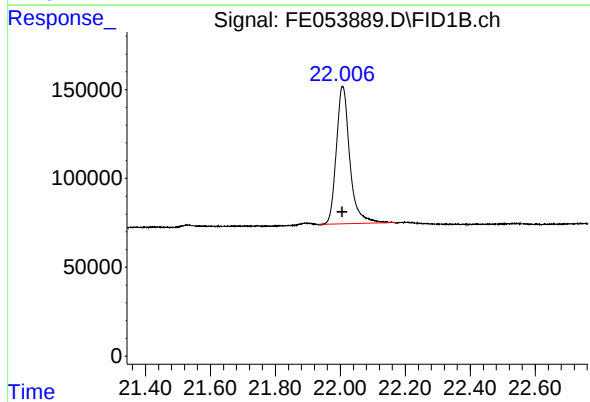
R.T.: 20.379 min
Delta R.T.: -0.001 min
Response: 2330939
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: -0.002 min
Response: 2268940
Conc: 20.85 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: 0.000 min
Response: 2230174
Conc: 22.47 ug/ml