

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051325AL\
 Data File : FE053784.D
 Signal(s) : FID1B.ch
 Acq On : 13 May 2025 08:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 13 11:25:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.853	3423390	18.981 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
12) S 1-chlorooctadecane (S...	13.298	2492330	18.438 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
Target Compounds			
1) T n-Nonane (C9)	3.203	2808393	20.484 ug/ml
2) T n-Decane (C10)	4.464	2855529	20.642 ug/ml
3) T A~Naphthalene (C11.7)	6.176	3070211	20.340 ug/ml
4) T n-Dodecane (C12)	6.644	2886725	20.583 ug/ml
5) T A~2-methylnaphthalene...	7.278	3007073	20.141 ug/ml
6) T n-Tetradecane (C14)	8.480	2854176	20.345 ug/ml
7) T n-Hexadecane (C16)	10.092	2862882	19.975 ug/ml
8) T n-Octadecane (C18)	11.539	2844531	19.519 ug/ml
10) T n-Eicosane (C20)	12.853	2771336	19.045 ug/ml
11) T n-Heneicosane (C21)	13.466	2733605	18.873 ug/ml
13) T n-Docosane (C22)	14.054	2707326	18.761 ug/ml
14) T n-Tetracosane (C24)	15.159	2659305	18.514 ug/ml
15) T n-Hexacosane (C26)	16.182	2605676	18.398 ug/ml
16) T n-Octacosane (C28)	17.133	2609462	18.756 ug/ml
17) T n-Tricontane (C30)	18.022	2744875	19.720 ug/ml
18) T n-Dotriacontane (C32)	18.857	2736875	19.932 ug/ml
19) T n-Tetratriacontane (C34)	19.644	2535402	19.459 ug/ml
20) T n-Hexatriacontane (C36)	20.385	2225419	17.628 ug/ml
21) T n-Octatriacontane (C38)	21.117	2100285	17.239 ug/ml
22) T n-Tetracontane (C40)	22.015	1797788	15.054 ug/ml

(f)=RT Delta > 1/2 Window

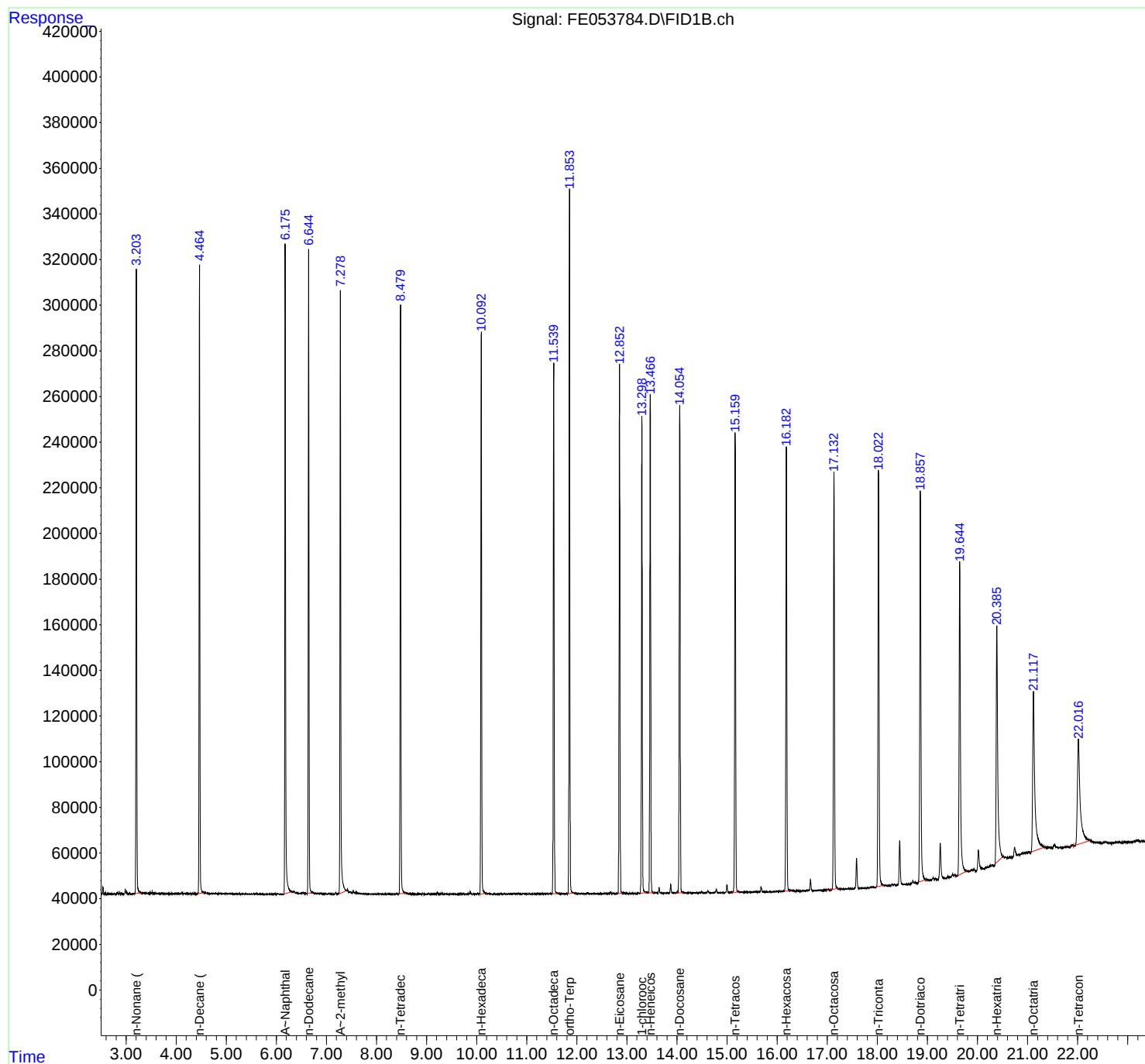
(m)=manual int.

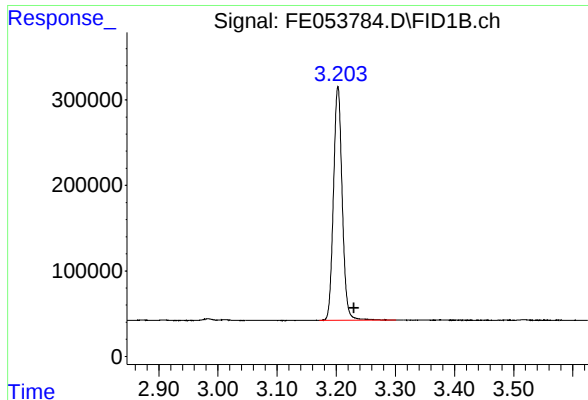
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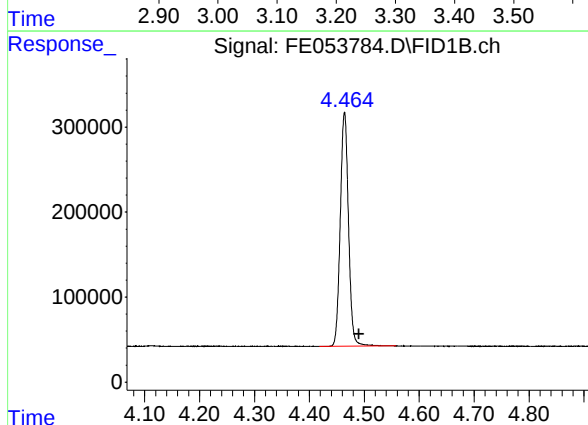




#1 n-Nonane (C9)

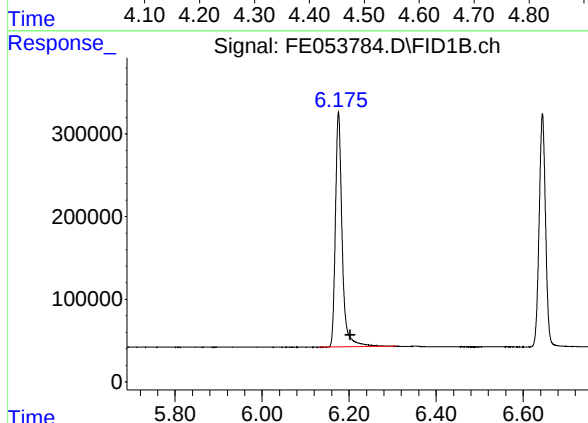
R.T.: 3.203 min
Delta R.T.: -0.027 min
Response: 2808393
Conc: 20.48 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



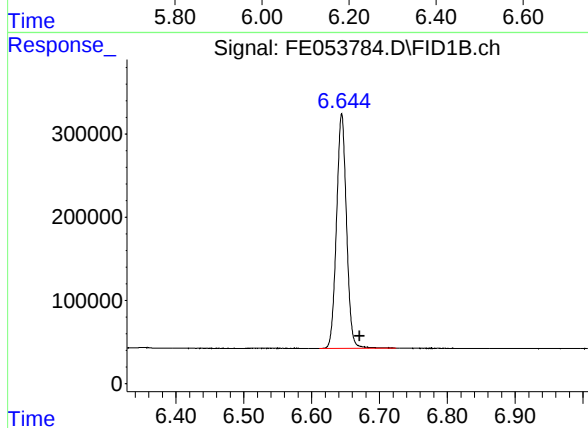
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.027 min
Response: 2855529
Conc: 20.64 ug/ml



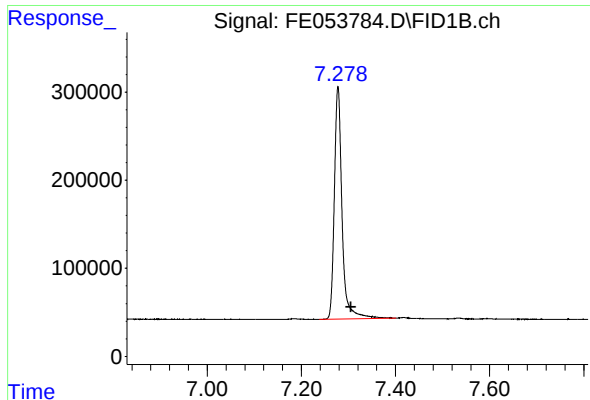
#3 A~Naphthalene (C11.7)

R.T.: 6.176 min
Delta R.T.: -0.028 min
Response: 3070211
Conc: 20.34 ug/ml



#4 n-Dodecane (C12)

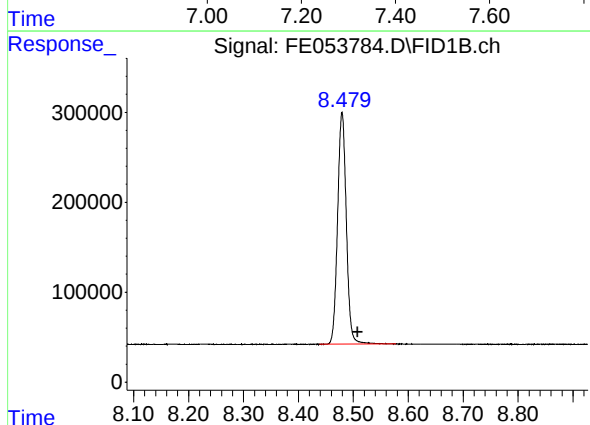
R.T.: 6.644 min
Delta R.T.: -0.026 min
Response: 2886725
Conc: 20.58 ug/ml



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

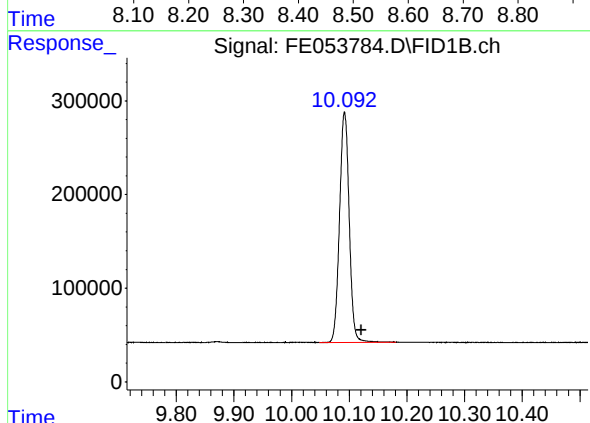
R.T.: 7.278 min
Delta R.T.: -0.028 min
Response: 3007073
Conc: 20.14 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



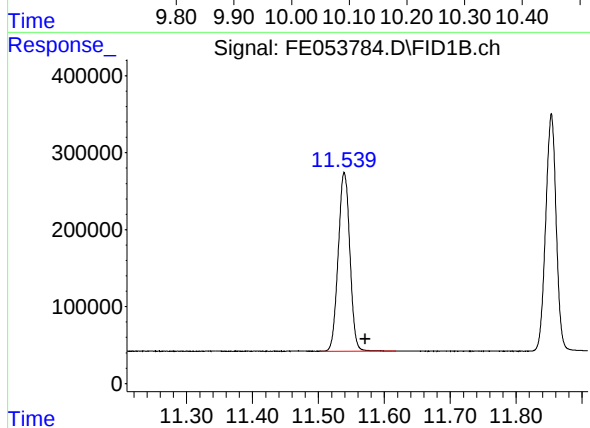
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: -0.028 min
Response: 2854176
Conc: 20.34 ug/ml



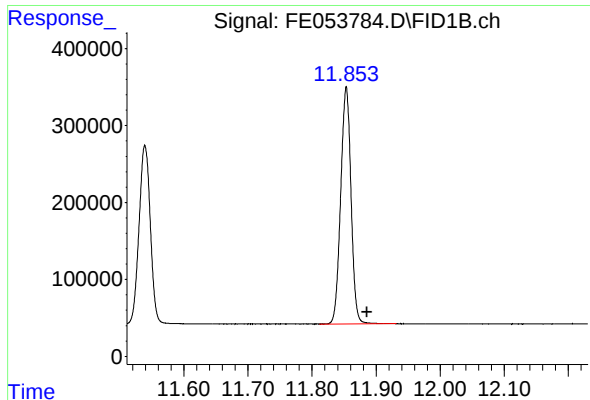
#7 n-Hexadecane (C16)

R.T.: 10.092 min
Delta R.T.: -0.029 min
Response: 2862882
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

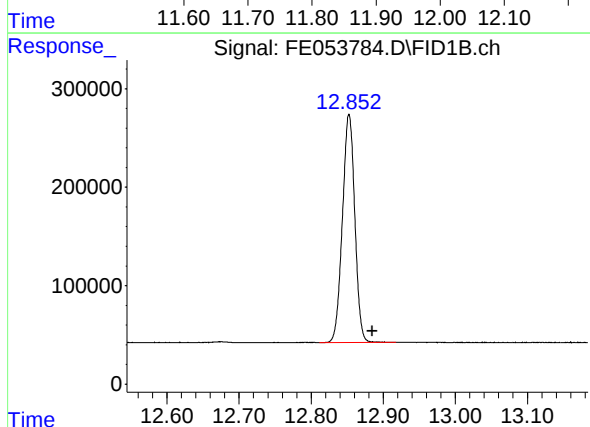
R.T.: 11.539 min
Delta R.T.: -0.031 min
Response: 2844531
Conc: 19.52 ug/ml



#9 ortho-Terphenyl (SURR)

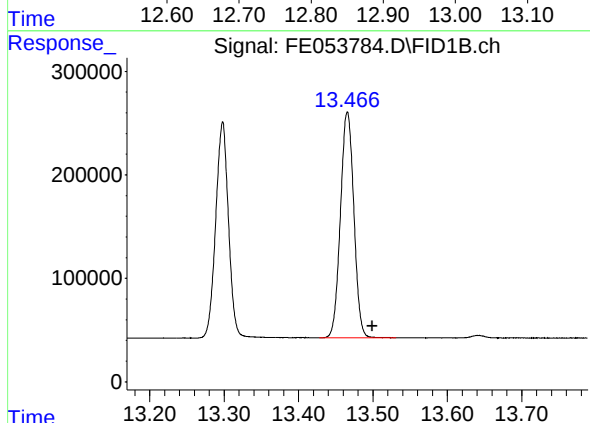
R.T.: 11.853 min
Delta R.T.: -0.032 min
Response: 3423390
Conc: 18.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



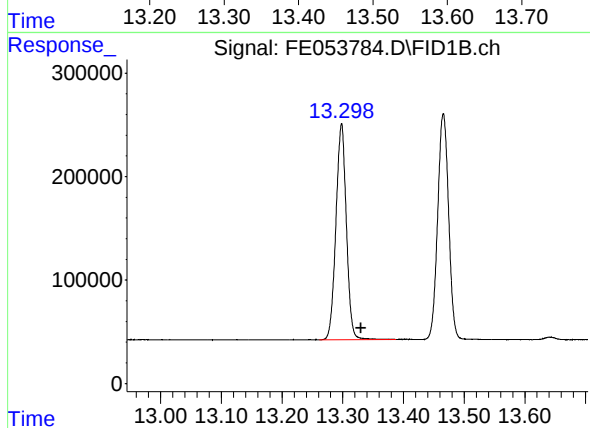
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: -0.032 min
Response: 2771336
Conc: 19.05 ug/ml



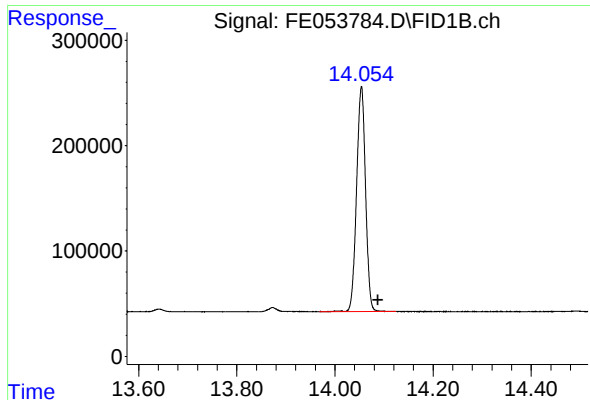
#11 n-Heneicosane (C21)

R.T.: 13.466 min
Delta R.T.: -0.033 min
Response: 2733605
Conc: 18.87 ug/ml



#12 1-chlorooctadecane (SURR)

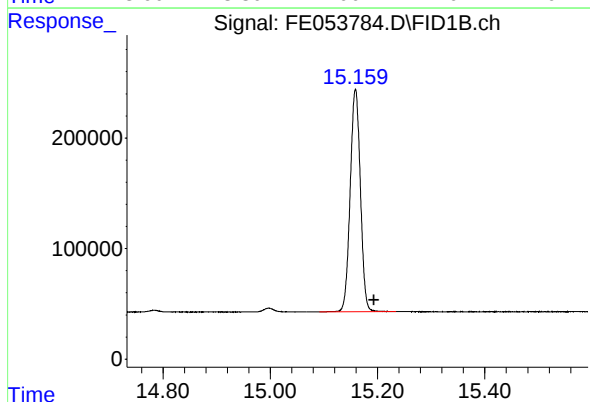
R.T.: 13.298 min
Delta R.T.: -0.032 min
Response: 2492330
Conc: 18.44 ug/ml



#13 n-Docosane (C22)

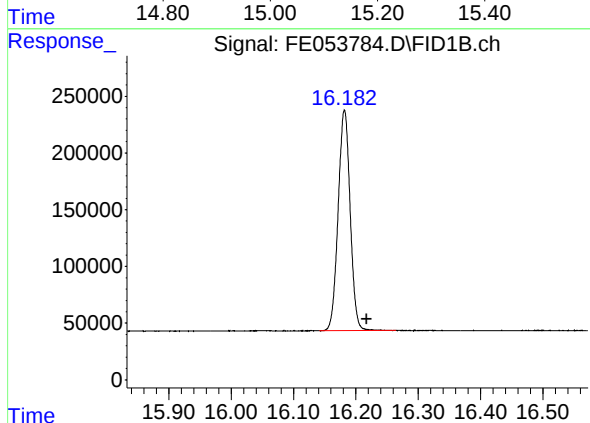
R.T.: 14.054 min
Delta R.T.: -0.034 min
Response: 2707326
Conc: 18.76 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



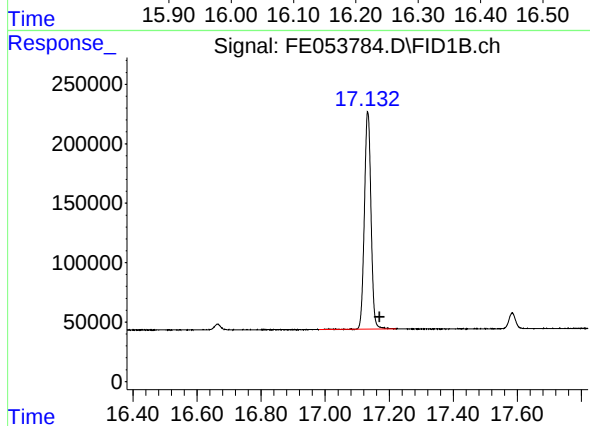
#14 n-Tetracosane (C24)

R.T.: 15.159 min
Delta R.T.: -0.035 min
Response: 2659305
Conc: 18.51 ug/ml



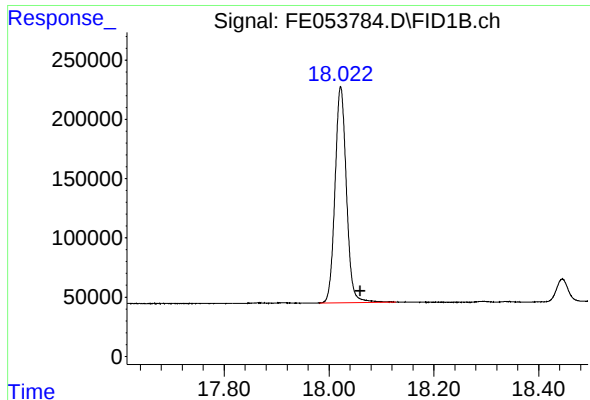
#15 n-Hexacosane (C26)

R.T.: 16.182 min
Delta R.T.: -0.036 min
Response: 2605676
Conc: 18.40 ug/ml



#16 n-Octacosane (C28)

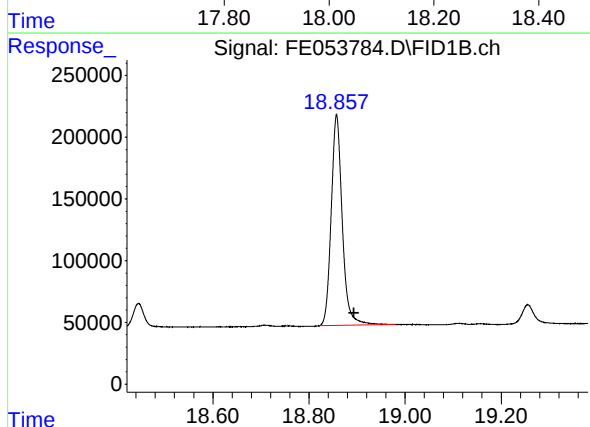
R.T.: 17.133 min
Delta R.T.: -0.037 min
Response: 2609462
Conc: 18.76 ug/ml



#17 n-Tricontane (C30)

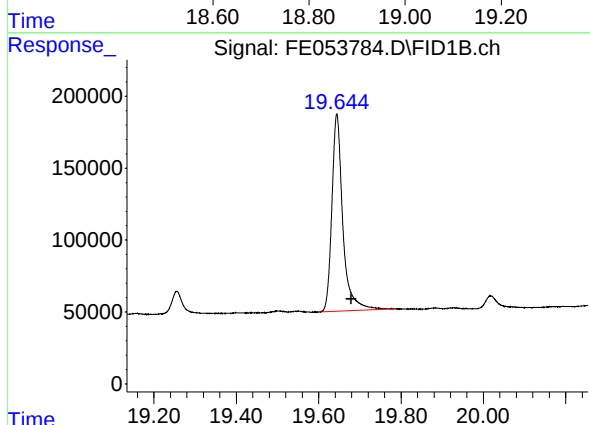
R.T.: 18.022 min
Delta R.T.: -0.038 min
Response: 2744875
Conc: 19.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



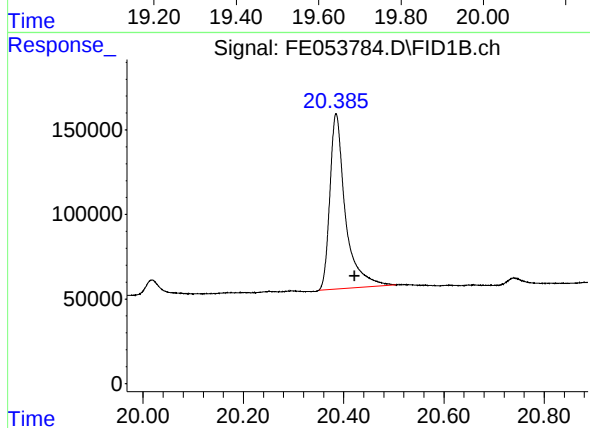
#18 n-Dotriacontane (C32)

R.T.: 18.857 min
Delta R.T.: -0.036 min
Response: 2736875
Conc: 19.93 ug/ml



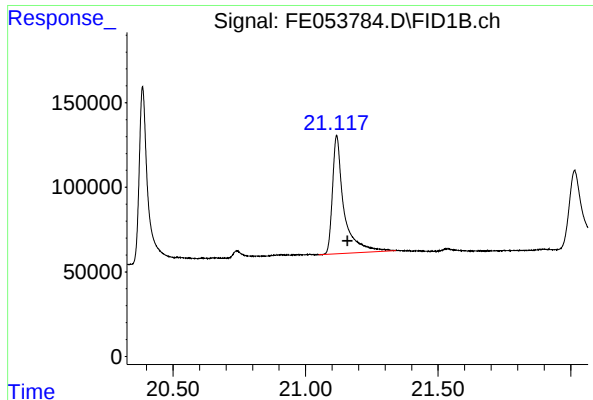
#19 n-Tetatriacontane (C34)

R.T.: 19.644 min
Delta R.T.: -0.035 min
Response: 2535402
Conc: 19.46 ug/ml



#20 n-Hexatriacontane (C36)

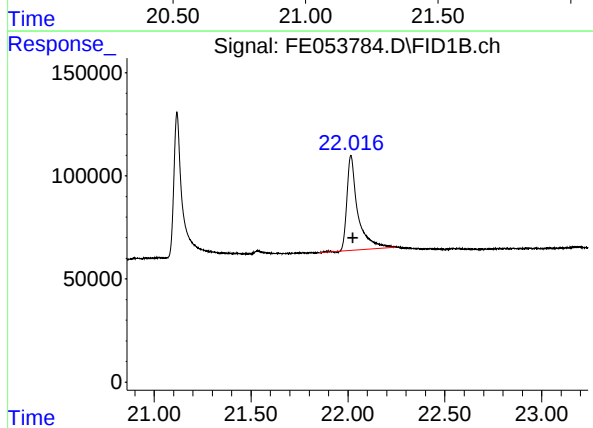
R.T.: 20.385 min
Delta R.T.: -0.037 min
Response: 2225419
Conc: 17.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.117 min
Delta R.T.: -0.041 min
Response: 2100285
Conc: 17.24 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.015 min
Delta R.T.: -0.012 min
Response: 1797788
Conc: 15.05 ug/ml