

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
 Data File : FE053086.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2025 23:05
 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: Apr 01 01:44:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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

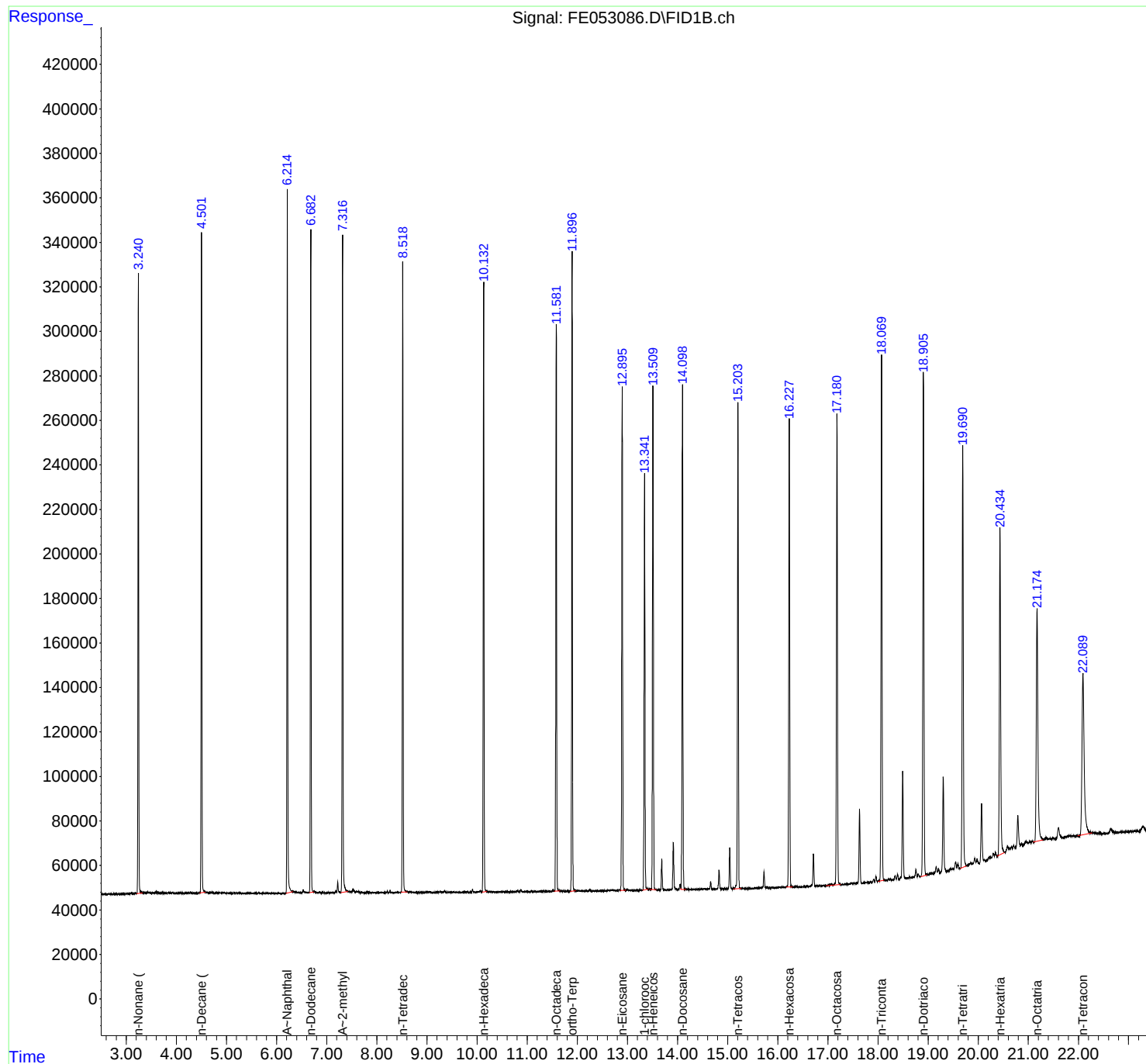
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.897	3162300	19.415 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
12) S 1-chlorooctadecane (S...	13.341	2332229	19.428 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
Target Compounds			
1) T n-Nonane (C9)	3.241	2812854	18.166 ug/ml
2) T n-Decane (C10)	4.502	3021713	19.264 ug/ml
3) T A~Naphthalene (C11.7)	6.214	3218614	19.160 ug/ml
4) T n-Dodecane (C12)	6.682	3031362	19.382 ug/ml
5) T A~2-methylnaphthalene...	7.317	3097972	19.416 ug/ml
6) T n-Tetradecane (C14)	8.518	2988866	19.520 ug/ml
7) T n-Hexadecane (C16)	10.133	3048251	19.775 ug/ml
8) T n-Octadecane (C18)	11.581	3013463	19.869 ug/ml
10) T n-Eicosane (C20)	12.896	2837972	19.905 ug/ml
11) T n-Heneicosane (C21)	13.509	2760545	19.893 ug/ml
13) T n-Docosane (C22)	14.098	2752388	20.097 ug/ml
14) T n-Tetracosane (C24)	15.204	2788501	20.647 ug/ml
15) T n-Hexacosane (C26)	16.228	2774735	20.799 ug/ml
16) T n-Octacosane (C28)	17.181	2928003	22.187 ug/ml
17) T n-Tricontane (C30)	18.070	3260044	24.052 ug/ml
18) T n-Dotriacontane (C32)	18.905	3354919	24.932 ug/ml
19) T n-Tetratriacontane (C34)	19.690	2963385	22.902 ug/ml
20) T n-Hexatriacontane (C36)	20.434	2544339	21.419 ug/ml
21) T n-Octatriacontane (C38)	21.174	2350477	20.450 ug/ml
22) T n-Tetracontane (C40)	22.090	2219456	19.761 ug/ml

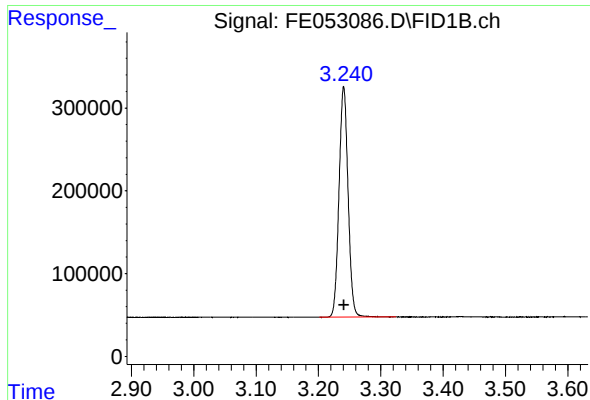
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

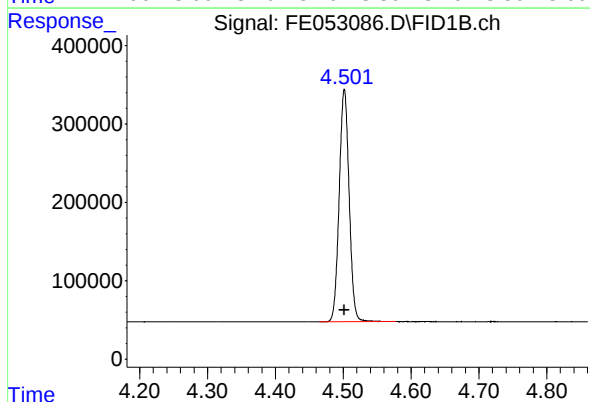




#1 n-Nonane (C9)

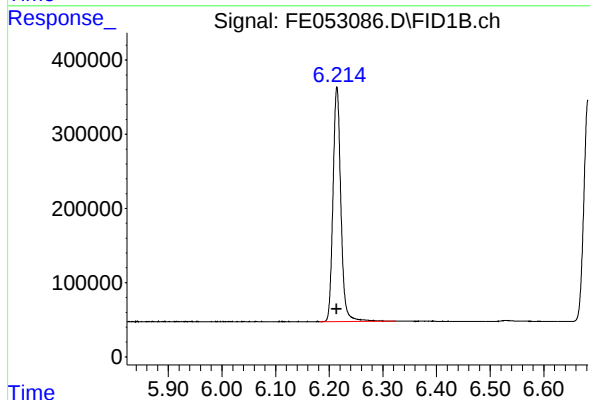
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 2812854
Conc: 18.17 ug/ml

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20 PPM ALIPHATIC HC STD



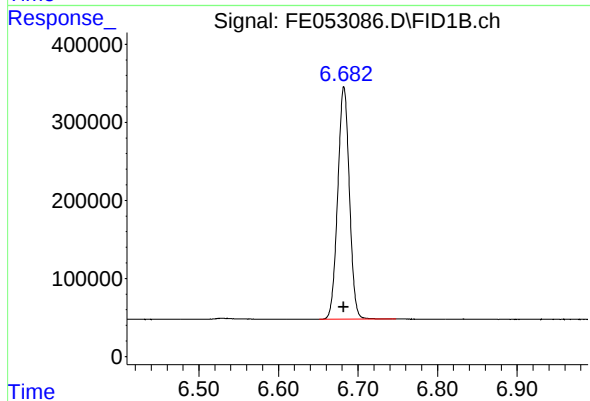
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 3021713
Conc: 19.26 ug/ml



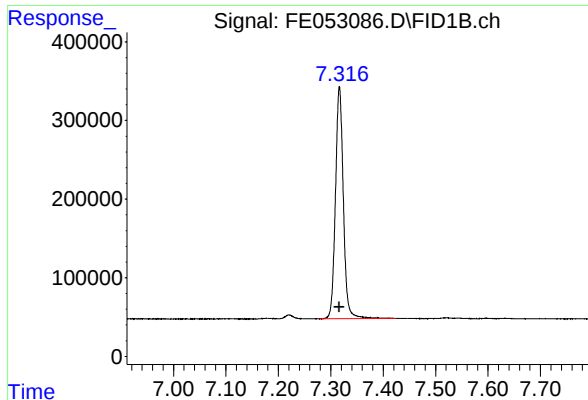
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 3218614
Conc: 19.16 ug/ml



#4 n-Dodecane (C12)

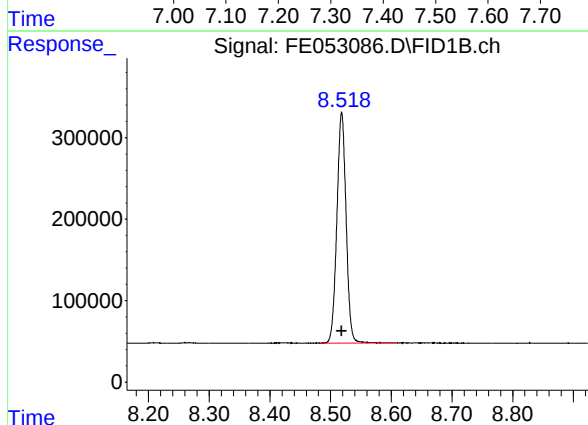
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 3031362
Conc: 19.38 ug/ml



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

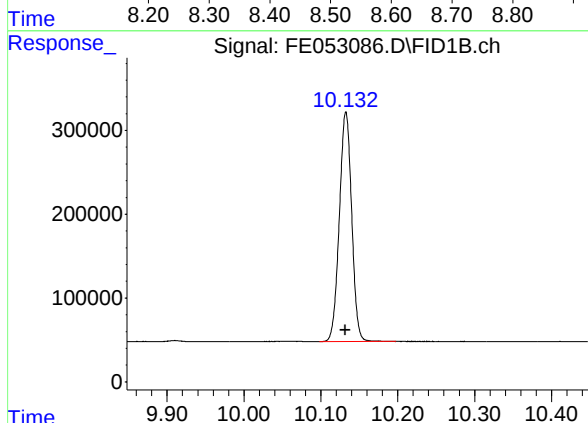
R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 3097972
Conc: 19.42 ug/ml

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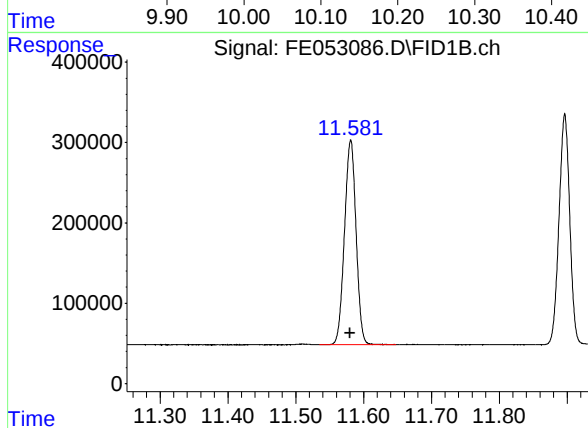
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 2988866
Conc: 19.52 ug/ml



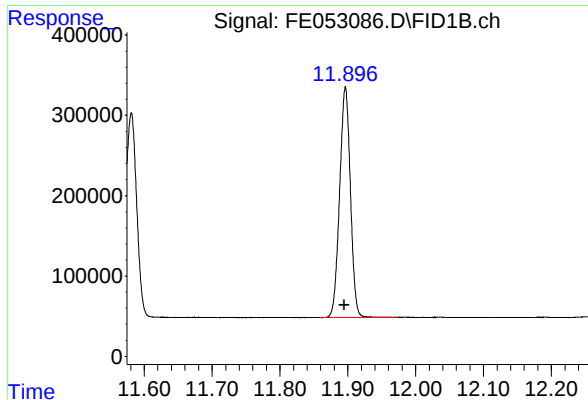
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: 0.000 min
Response: 3048251
Conc: 19.77 ug/ml



#8 n-Octadecane (C18)

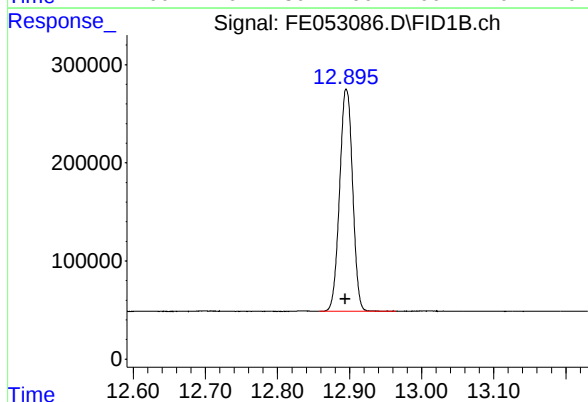
R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 3013463
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

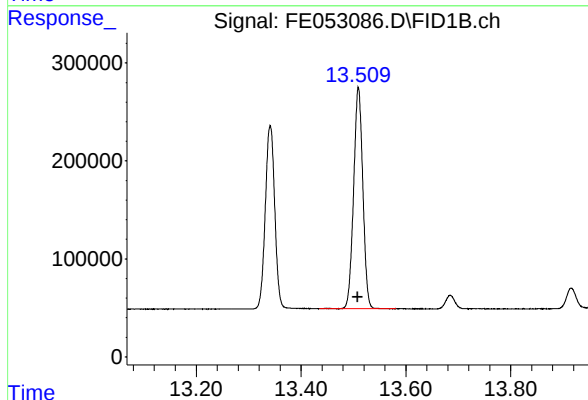
R.T.: 11.897 min
Delta R.T.: 0.001 min
Response: 3162300
Conc: 19.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



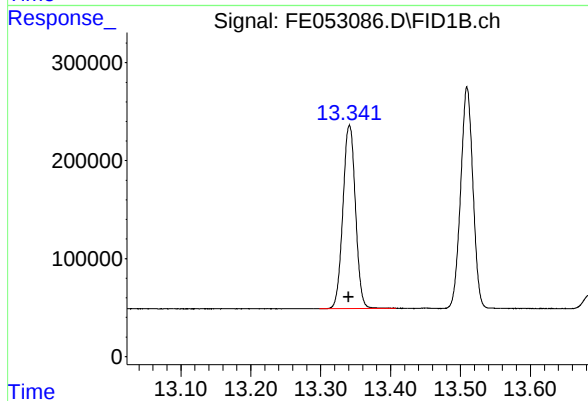
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: 0.002 min
Response: 2837972
Conc: 19.91 ug/ml



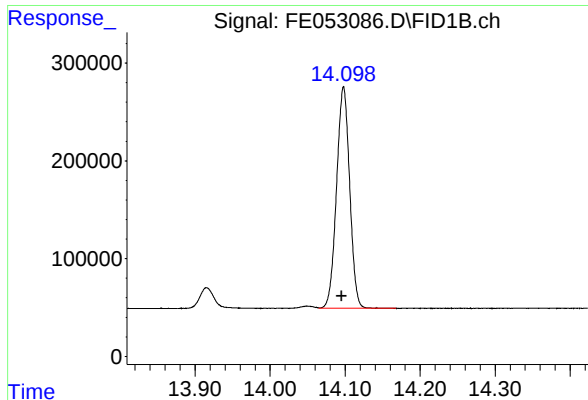
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: 0.001 min
Response: 2760545
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

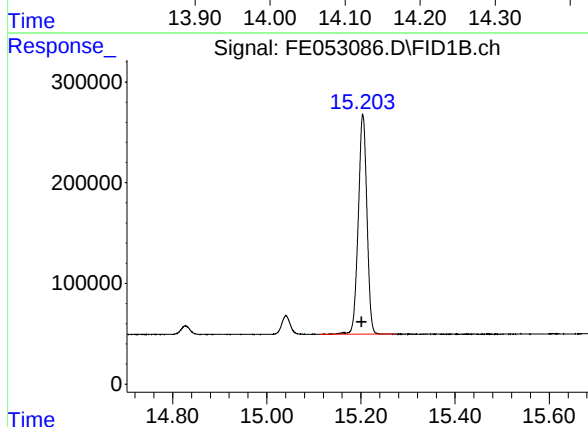
R.T.: 13.341 min
Delta R.T.: 0.002 min
Response: 2332229
Conc: 19.43 ug/ml



#13 n-Docosane (C22)

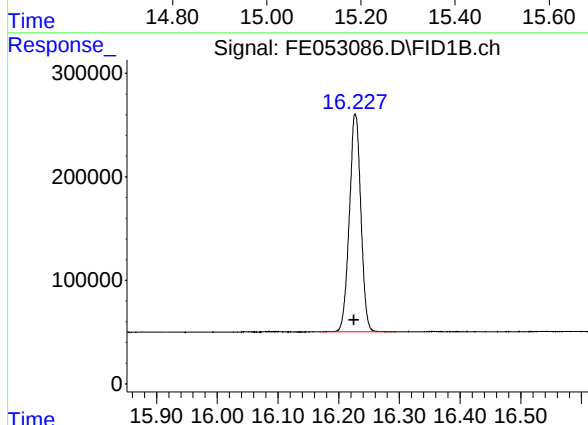
R.T.: 14.098 min
Delta R.T.: 0.002 min
Response: 2752388
Conc: 20.10 ug/ml

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20 PPM ALIPHATIC HC STD



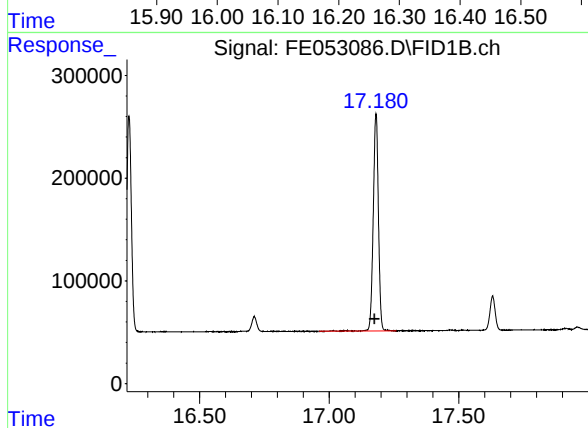
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: 0.003 min
Response: 2788501
Conc: 20.65 ug/ml



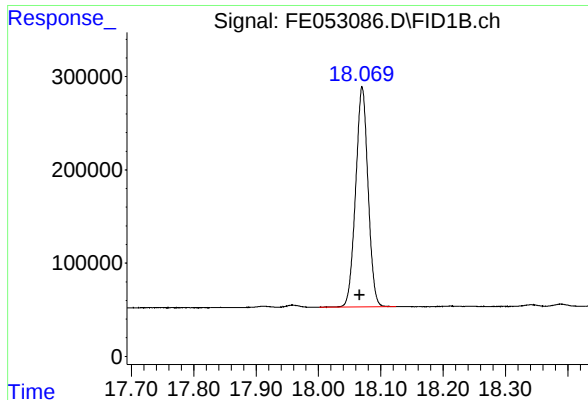
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: 0.002 min
Response: 2774735
Conc: 20.80 ug/ml



#16 n-Octacosane (C28)

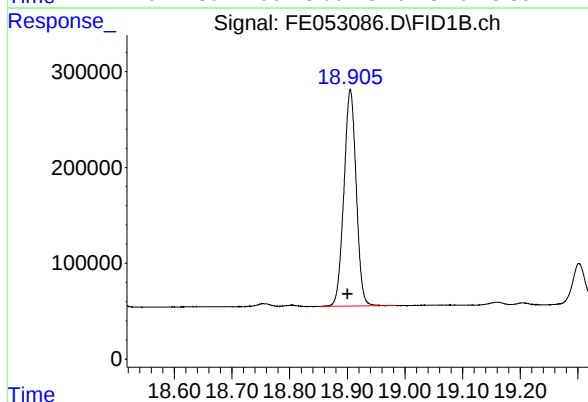
R.T.: 17.181 min
Delta R.T.: 0.004 min
Response: 2928003
Conc: 22.19 ug/ml



#17 n-Tricontane (C30)

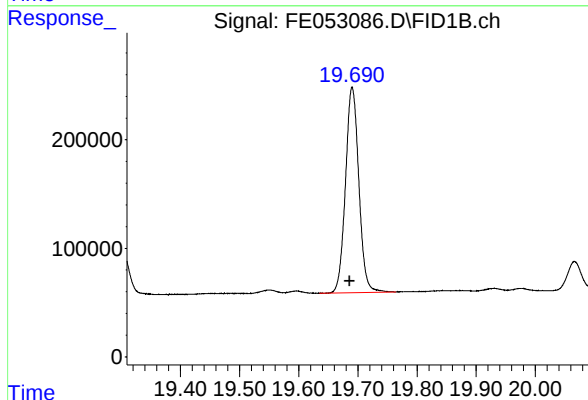
R.T.: 18.070 min
Delta R.T.: 0.004 min
Response: 3260044
Conc: 24.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



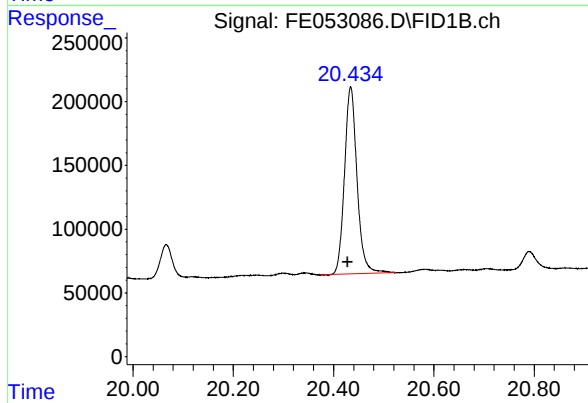
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.005 min
Response: 3354919
Conc: 24.93 ug/ml



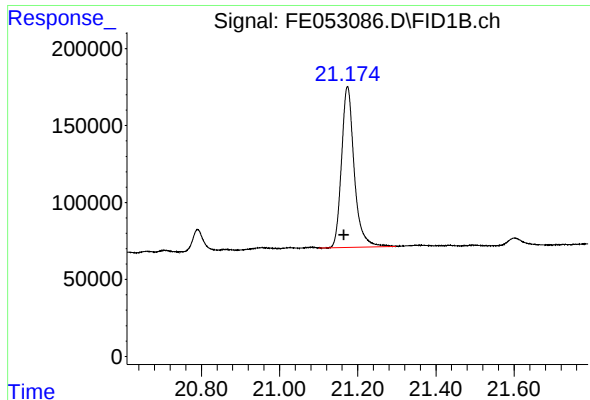
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: 0.005 min
Response: 2963385
Conc: 22.90 ug/ml



#20 n-Hexatriacontane (C36)

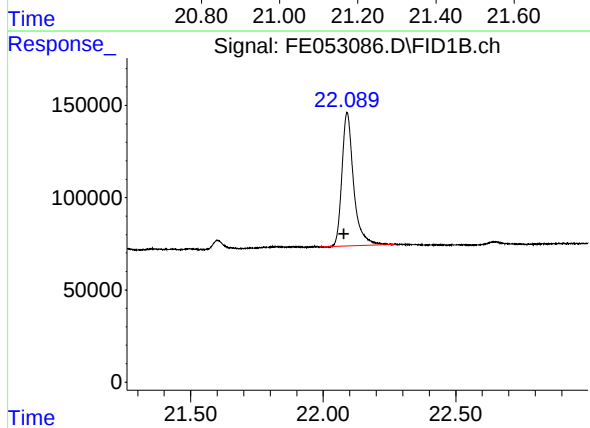
R.T.: 20.434 min
Delta R.T.: 0.006 min
Response: 2544339
Conc: 21.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: 0.009 min
Response: 2350477
Conc: 20.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.090 min
Delta R.T.: 0.012 min
Response: 2219456
Conc: 19.76 ug/ml