

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031425AL\
 Data File : FE052816.D
 Signal(s) : FID1B.ch
 Acq On : 14 Mar 2025 19:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 14 23:34:32 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)	11.906	2897044	17.184 ug/ml
Spiked Amount 50.000		Recovery =	34.37%
12) S 1-chlorooctadecane (S...	13.351	2188088	18.020 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
Target Compounds			
1) T n-Nonane (C9)	3.247	2781096	17.937 ug/ml
2) T n-Decane (C10)	4.508	2871022	18.276 ug/ml
3) T A~Naphthalene (C11.7)	6.222	3050294	17.986 ug/ml
4) T n-Dodecane (C12)	6.689	2830952	18.182 ug/ml
5) T A~2-methylnaphthalene...	7.324	2904622	17.923 ug/ml
6) T n-Tetradecane (C14)	8.526	2747001	18.155 ug/ml
7) T n-Hexadecane (C16)	10.141	2771406	18.127 ug/ml
8) T n-Octadecane (C18)	11.590	2731200	17.952 ug/ml
10) T n-Eicosane (C20)	12.905	2590463	17.844 ug/ml
11) T n-Heneicosane (C21)	13.519	2531582	17.787 ug/ml
13) T n-Docosane (C22)	14.108	2535691	17.818 ug/ml
14) T n-Tetracosane (C24)	15.214	2589239	18.093 ug/ml
15) T n-Hexacosane (C26)	16.237	2586279	18.188 ug/ml
16) T n-Octacosane (C28)	17.190	2683302	18.871 ug/ml
17) T n-Tricontane (C30)	18.080	2877812	19.484 ug/ml
18) T n-Dotriacontane (C32)	18.914	2887802	19.891 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2543655	18.873 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2235345	18.812 ug/ml
21) T n-Octatriacontane (C38)	21.182	2175732	19.612 ug/ml
22) T n-Tetracontane (C40)	22.101	2199864	20.347 ug/ml

(f)=RT Delta > 1/2 Window

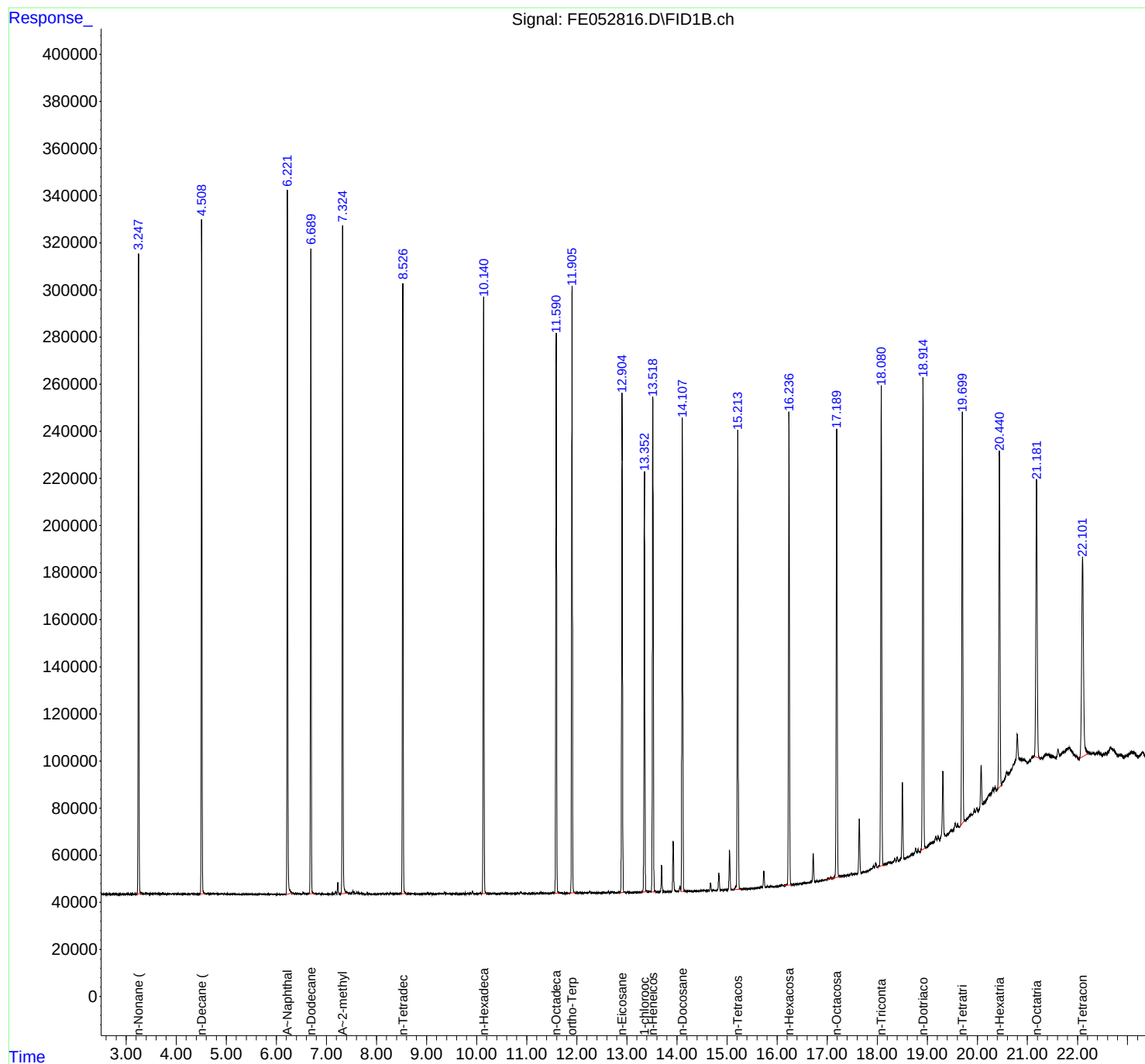
(m)=manual int.

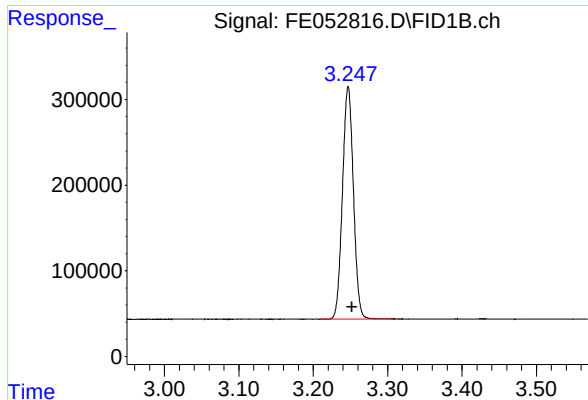
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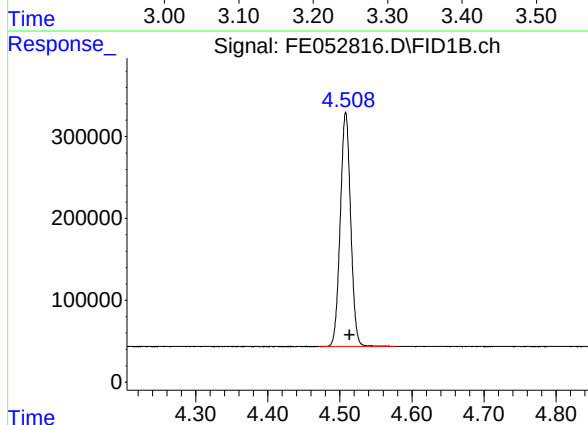




#1 n-Nonane (C9)

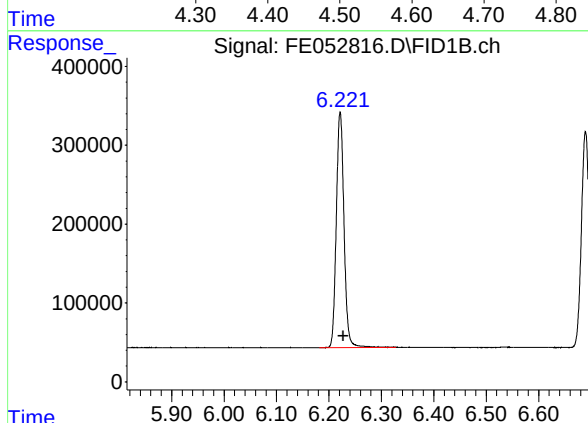
R.T.: 3.247 min
Delta R.T.: -0.005 min
Response: 2781096
Conc: 17.94 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



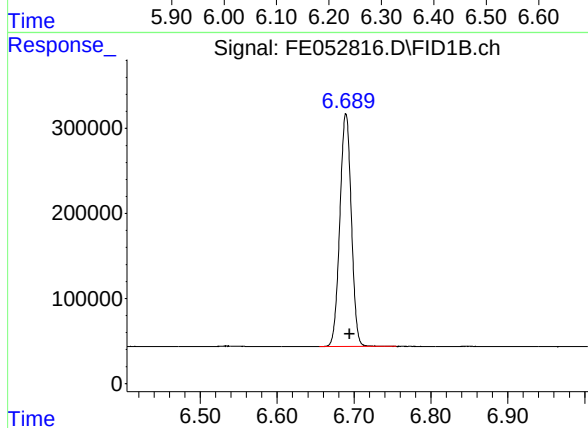
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: -0.006 min
Response: 2871022
Conc: 18.28 ug/ml



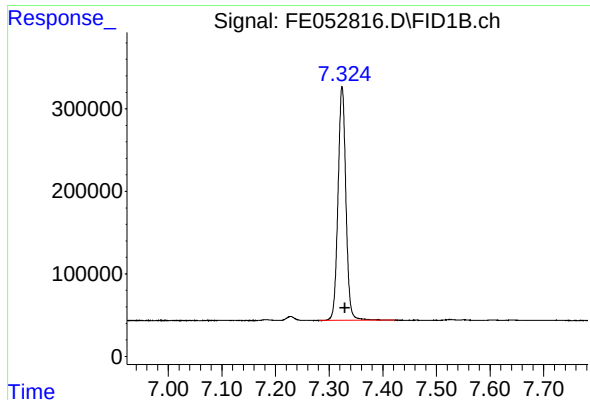
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.006 min
Response: 3050294
Conc: 17.99 ug/ml



#4 n-Dodecane (C12)

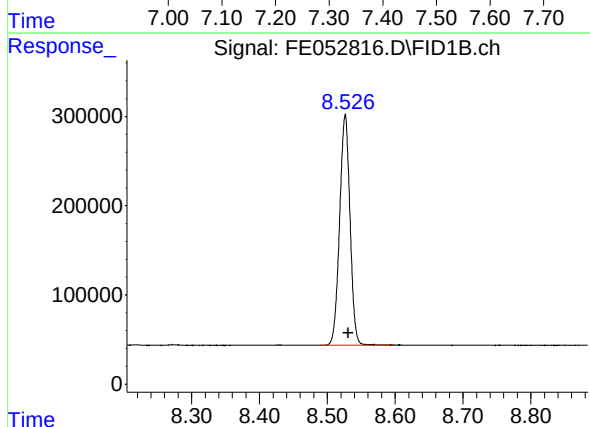
R.T.: 6.689 min
Delta R.T.: -0.005 min
Response: 2830952
Conc: 18.18 ug/ml



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

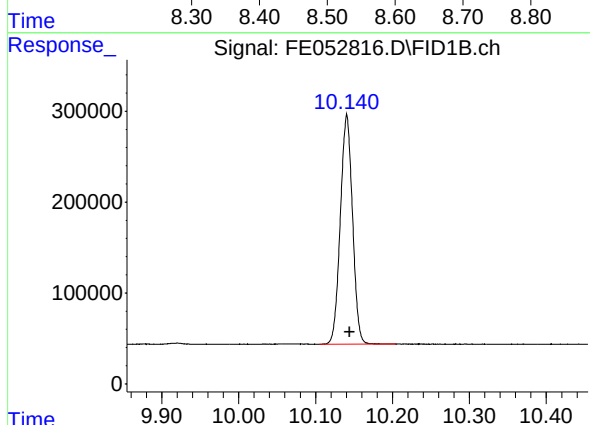
R.T.: 7.324 min
Delta R.T.: -0.005 min
Response: 2904622
Conc: 17.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



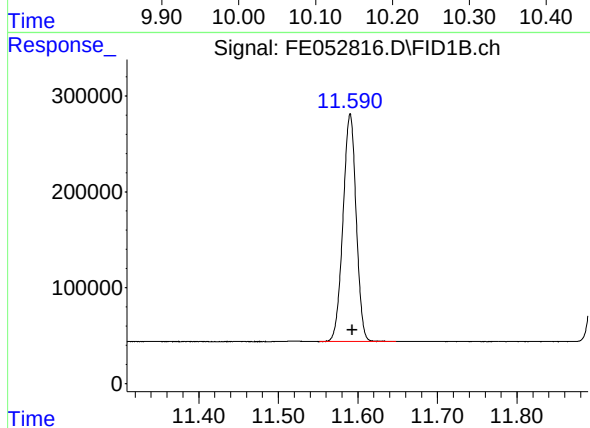
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.004 min
Response: 2747001
Conc: 18.15 ug/ml



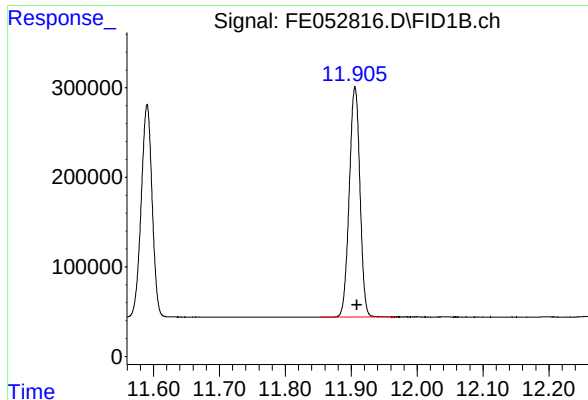
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: -0.004 min
Response: 2771406
Conc: 18.13 ug/ml



#8 n-Octadecane (C18)

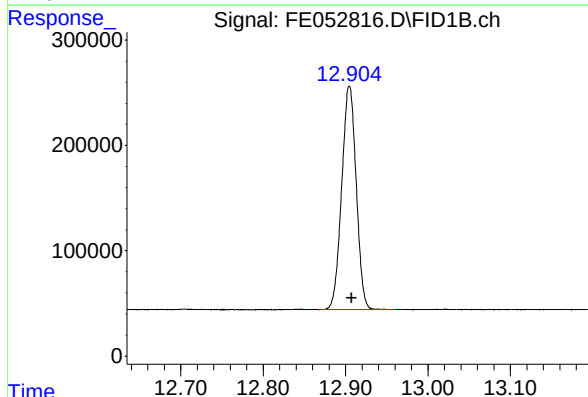
R.T.: 11.590 min
Delta R.T.: -0.003 min
Response: 2731200
Conc: 17.95 ug/ml



#9 ortho-Terphenyl (SURR)

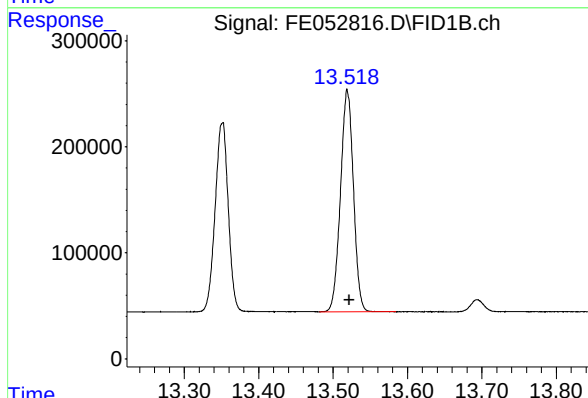
R.T.: 11.906 min
Delta R.T.: -0.003 min
Response: 2897044
Conc: 17.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



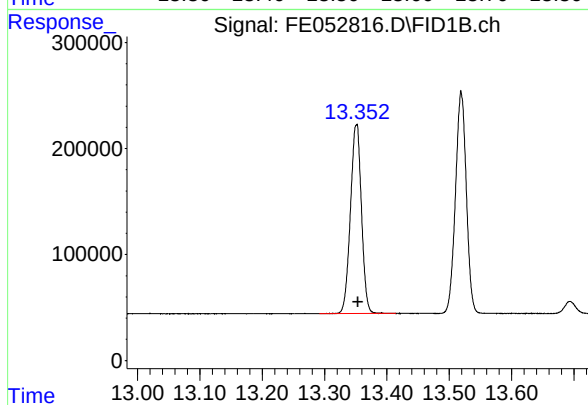
#10 n-Eicosane (C20)

R.T.: 12.905 min
Delta R.T.: -0.003 min
Response: 2590463
Conc: 17.84 ug/ml



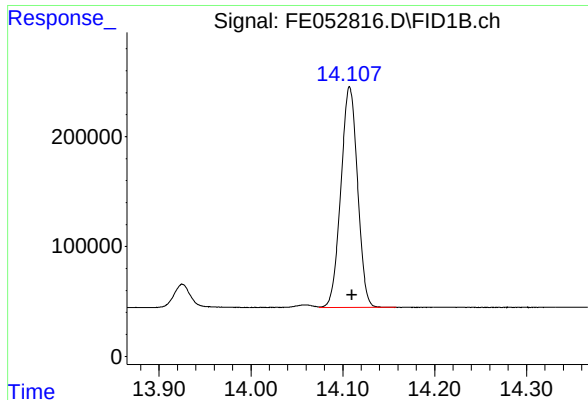
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: -0.003 min
Response: 2531582
Conc: 17.79 ug/ml



#12 1-chlorooctadecane (SURR)

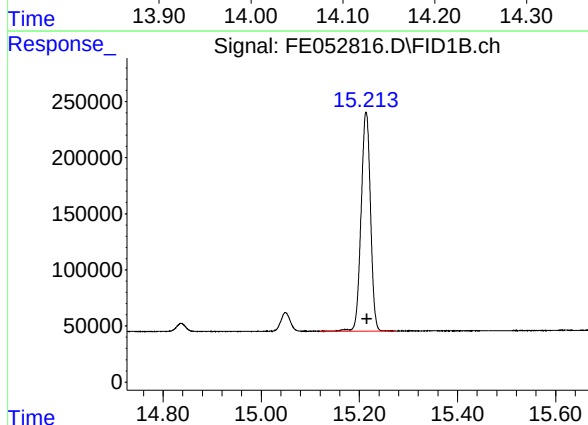
R.T.: 13.351 min
Delta R.T.: -0.003 min
Response: 2188088
Conc: 18.02 ug/ml



#13 n-Docosane (C22)

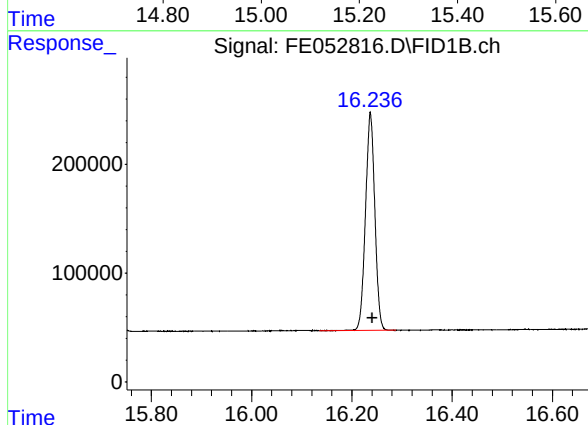
R.T.: 14.108 min
Delta R.T.: -0.003 min
Response: 2535691
Conc: 17.82 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



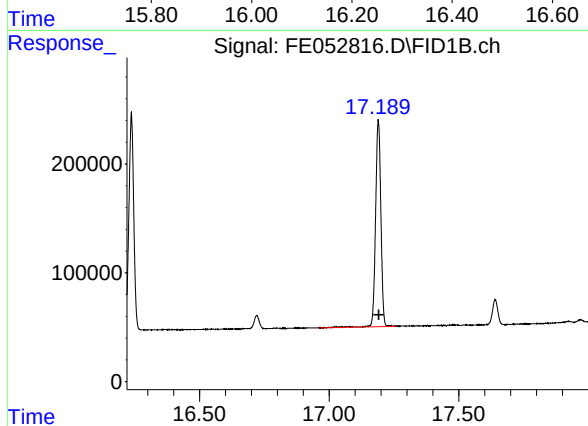
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.002 min
Response: 2589239
Conc: 18.09 ug/ml



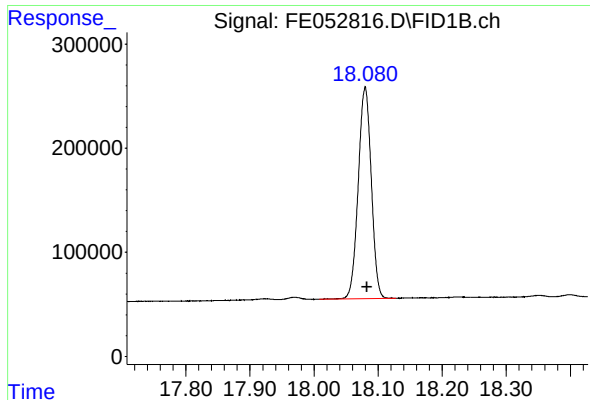
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: -0.004 min
Response: 2586279
Conc: 18.19 ug/ml



#16 n-Octacosane (C28)

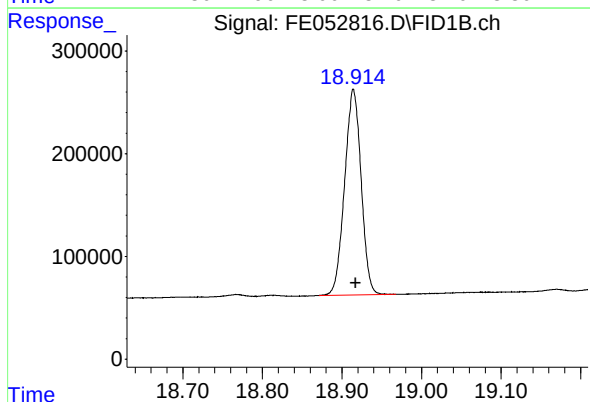
R.T.: 17.190 min
Delta R.T.: -0.002 min
Response: 2683302
Conc: 18.87 ug/ml



#17 n-Tricontane (C30)

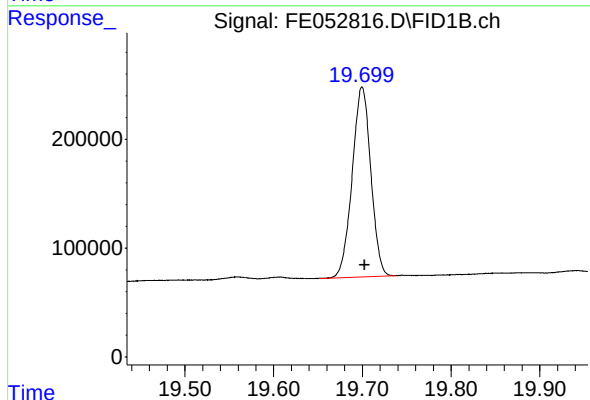
R.T.: 18.080 min
Delta R.T.: -0.003 min
Response: 2877812
Conc: 19.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



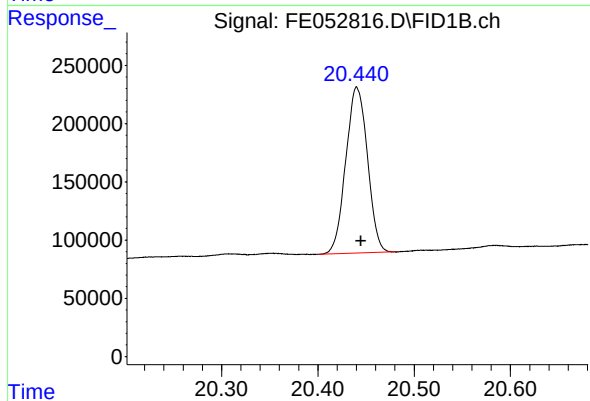
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.003 min
Response: 2887802
Conc: 19.89 ug/ml



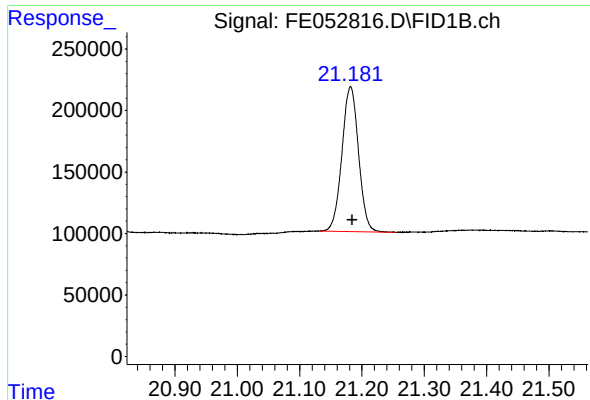
#19 n-Tetatriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.003 min
Response: 2543655
Conc: 18.87 ug/ml



#20 n-Hexatriacontane (C36)

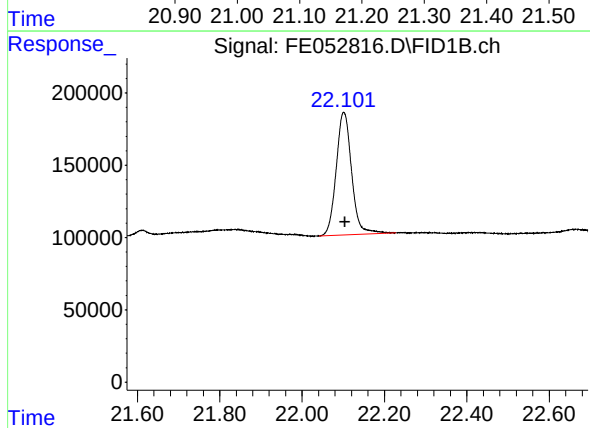
R.T.: 20.441 min
Delta R.T.: -0.004 min
Response: 2235345
Conc: 18.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.003 min
Response: 2175732
Conc: 19.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: -0.003 min
Response: 2199864
Conc: 20.35 ug/ml