

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040225AL\
 Data File : FE053152.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2025 01:19
 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: Apr 03 02:09:09 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)	11.890	2944262	18.076 ug/ml
Spiked Amount 50.000		Recovery =	36.15%
12) S 1-chlorooctadecane (S...	13.334	2182694	18.182 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
Target Compounds			
1) T n-Nonane (C9)	3.239	2782081	17.967 ug/ml
2) T n-Decane (C10)	4.499	2858147	18.221 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3040723	18.101 ug/ml
4) T n-Dodecane (C12)	6.678	2844542	18.188 ug/ml
5) T A~2-methylnaphthalene...	7.312	2891000	18.119 ug/ml
6) T n-Tetradecane (C14)	8.514	2791504	18.231 ug/ml
7) T n-Hexadecane (C16)	10.127	2842088	18.438 ug/ml
8) T n-Octadecane (C18)	11.575	2806127	18.502 ug/ml
10) T n-Eicosane (C20)	12.889	2640029	18.517 ug/ml
11) T n-Heneicosane (C21)	13.503	2564101	18.477 ug/ml
13) T n-Docosane (C22)	14.091	2536788	18.523 ug/ml
14) T n-Tetracosane (C24)	15.196	2525274	18.698 ug/ml
15) T n-Hexacosane (C26)	16.220	2487822	18.648 ug/ml
16) T n-Octacosane (C28)	17.170	2522201	19.112 ug/ml
17) T n-Tricontane (C30)	18.060	2684553	19.806 ug/ml
18) T n-Dotriacontane (C32)	18.894	2714535	20.173 ug/ml
19) T n-Tetratriacontane (C34)	19.679	2480135	19.167 ug/ml
20) T n-Hexatriacontane (C36)	20.421	2235516	18.819 ug/ml
21) T n-Octatriacontane (C38)	21.159	2193665	19.086 ug/ml
22) T n-Tetracontane (C40)	22.071	2132178	18.984 ug/ml

(f)=RT Delta > 1/2 Window

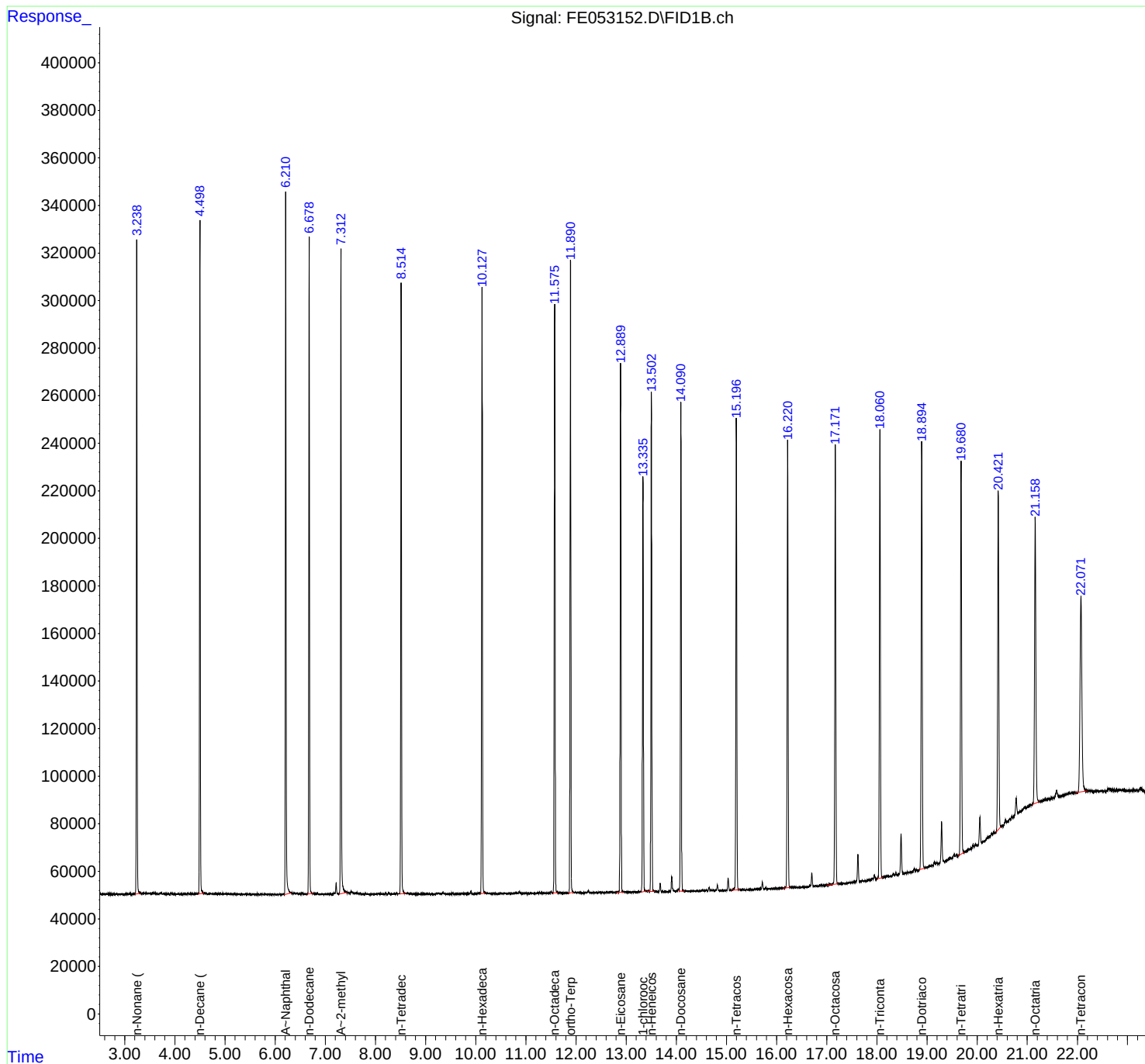
(m)=manual int.

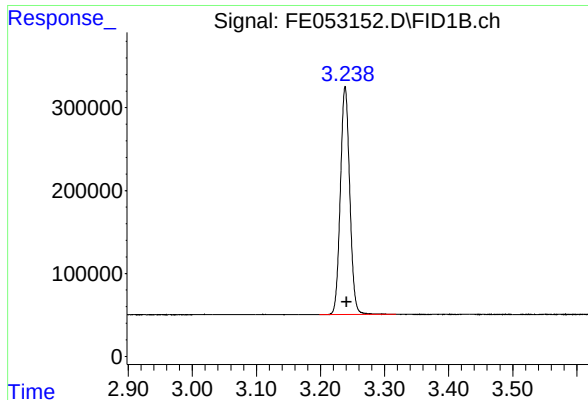
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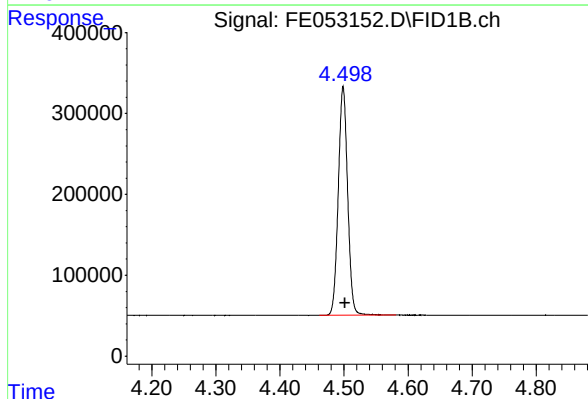




#1 n-Nonane (C9)

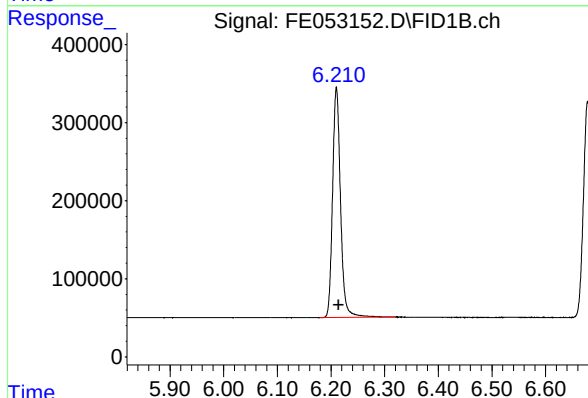
R.T.: 3.239 min
Delta R.T.: -0.002 min
Response: 2782081
Conc: 17.97 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



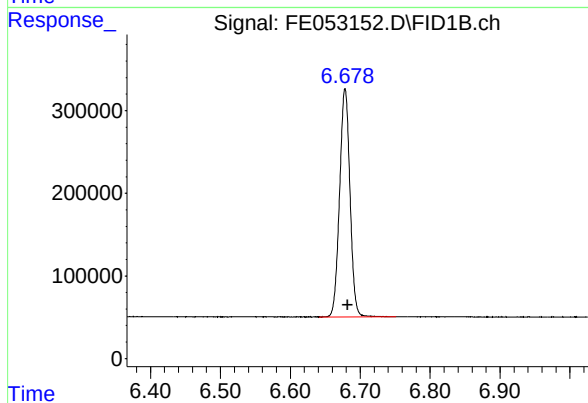
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.003 min
Response: 2858147
Conc: 18.22 ug/ml



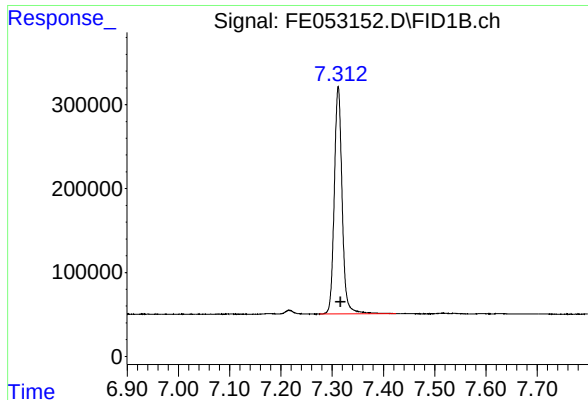
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 3040723
Conc: 18.10 ug/ml



#4 n-Dodecane (C12)

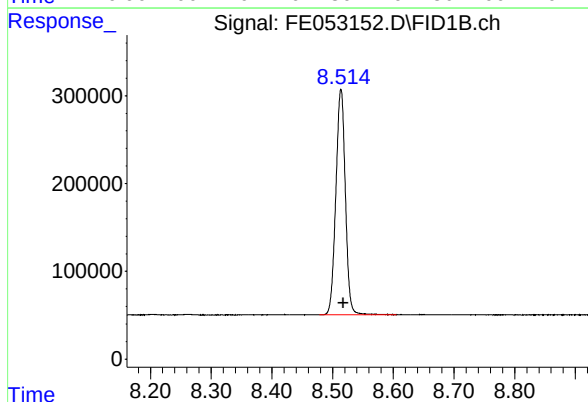
R.T.: 6.678 min
Delta R.T.: -0.004 min
Response: 2844542
Conc: 18.19 ug/ml



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

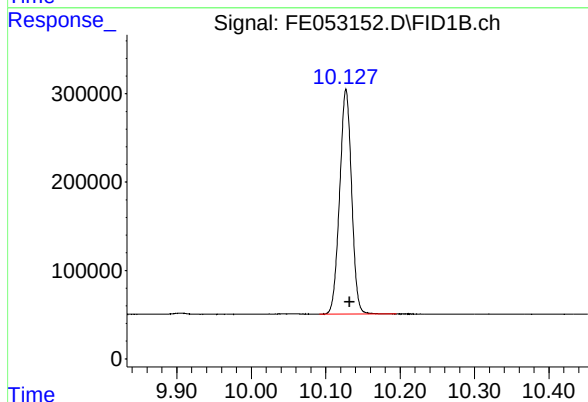
R.T.: 7.312 min
Delta R.T.: -0.004 min
Response: 2891000
Conc: 18.12 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



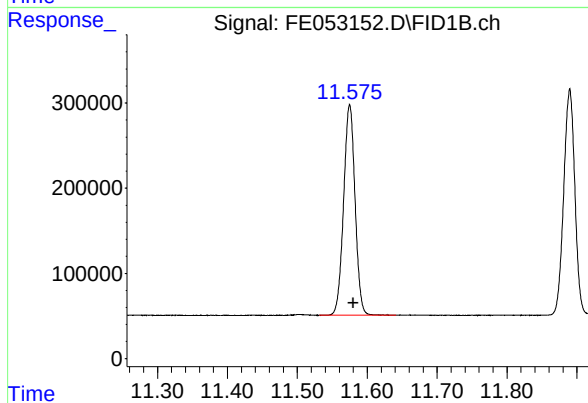
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 2791504
Conc: 18.23 ug/ml



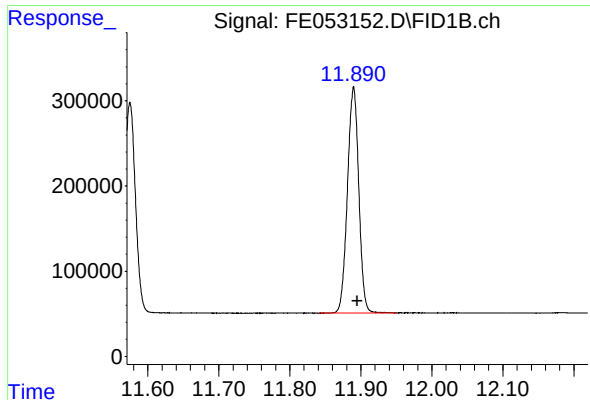
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.004 min
Response: 2842088
Conc: 18.44 ug/ml



#8 n-Octadecane (C18)

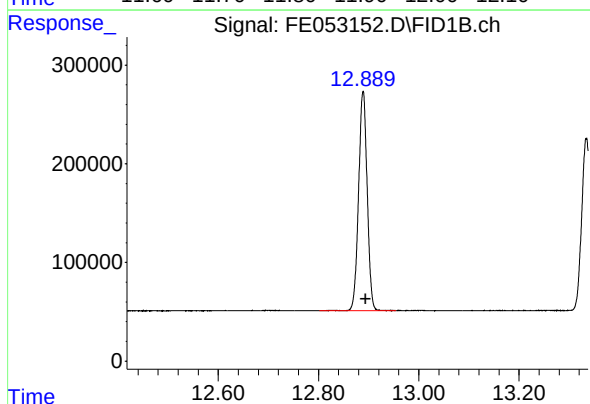
R.T.: 11.575 min
Delta R.T.: -0.005 min
Response: 2806127
Conc: 18.50 ug/ml



#9 ortho-Terphenyl (SURR)

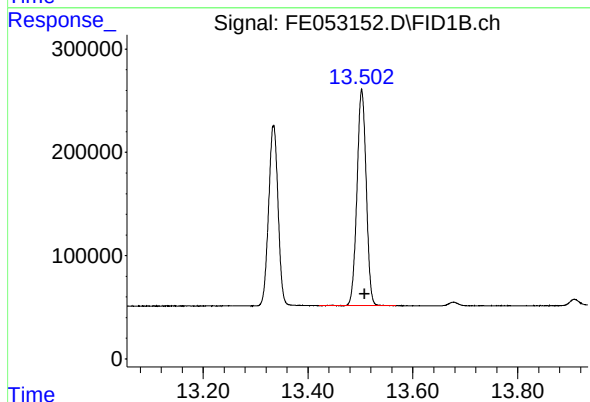
R.T.: 11.890 min
Delta R.T.: -0.005 min
Response: 2944262
Conc: 18.08 ug/ml

Instrument :
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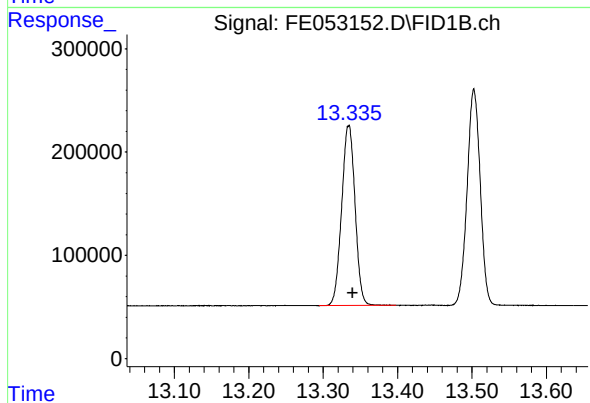
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: -0.005 min
Response: 2640029
Conc: 18.52 ug/ml



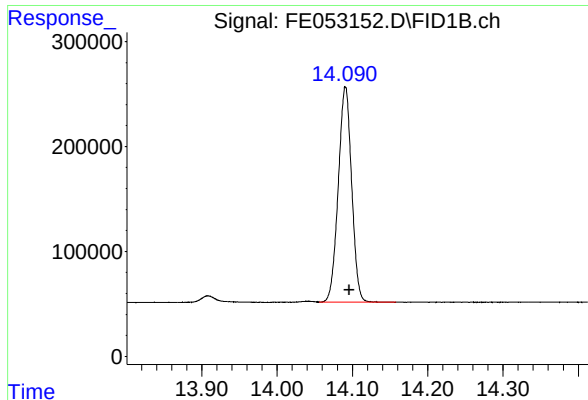
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: -0.005 min
Response: 2564101
Conc: 18.48 ug/ml



#12 1-chlorooctadecane (SURR)

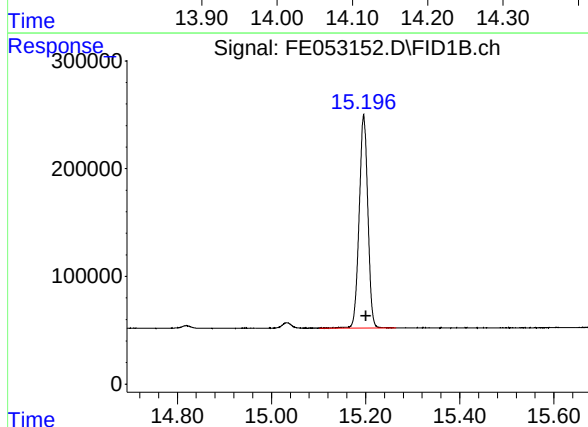
R.T.: 13.334 min
Delta R.T.: -0.005 min
Response: 2182694
Conc: 18.18 ug/ml



#13 n-Docosane (C22)

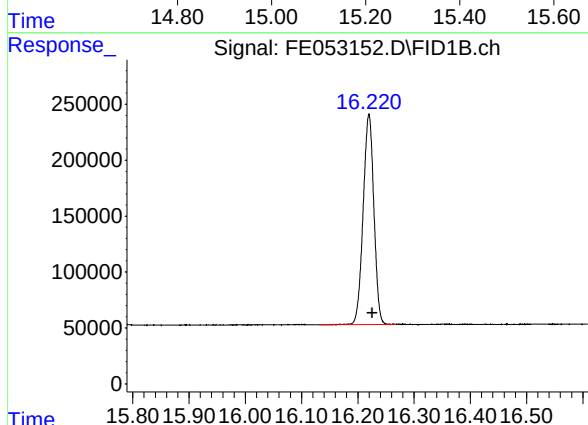
R.T.: 14.091 min
Delta R.T.: -0.005 min
Response: 2536788
Conc: 18.52 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



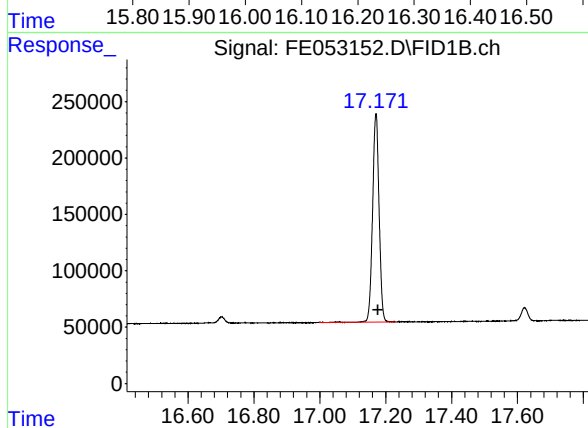
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.005 min
Response: 2525274
Conc: 18.70 ug/ml



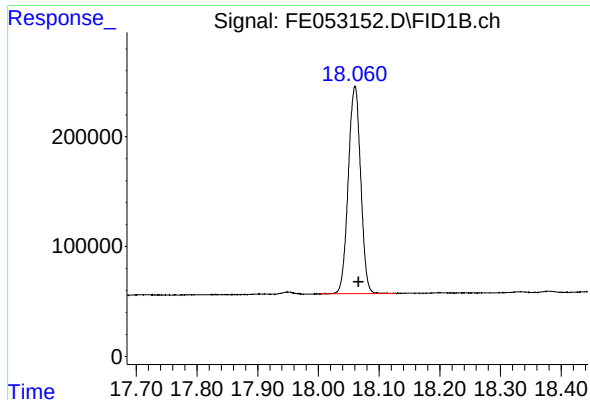
#15 n-Hexacosane (C26)

R.T.: 16.220 min
Delta R.T.: -0.006 min
Response: 2487822
Conc: 18.65 ug/ml



#16 n-Octacosane (C28)

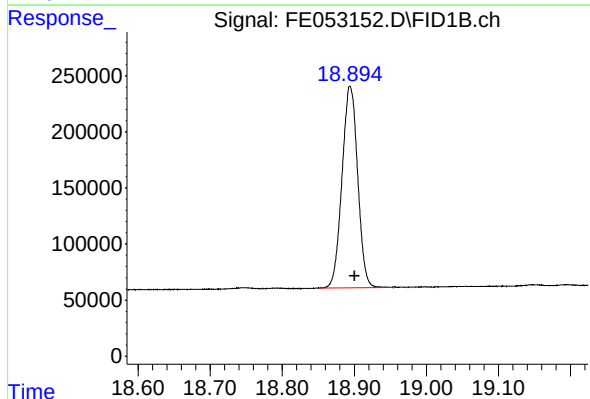
R.T.: 17.170 min
Delta R.T.: -0.006 min
Response: 2522201
Conc: 19.11 ug/ml



#17 n-Tricontane (C30)

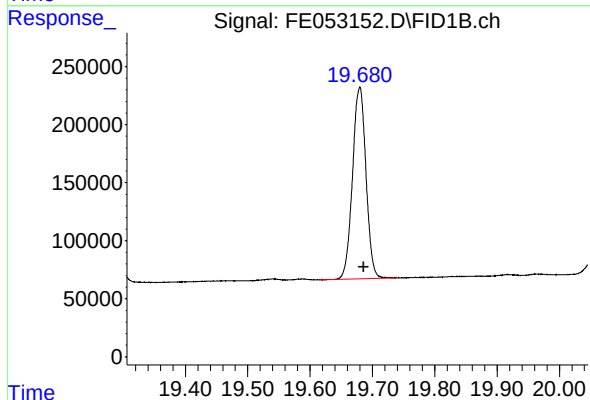
R.T.: 18.060 min
Delta R.T.: -0.006 min
Response: 2684553
Conc: 19.81 ug/ml

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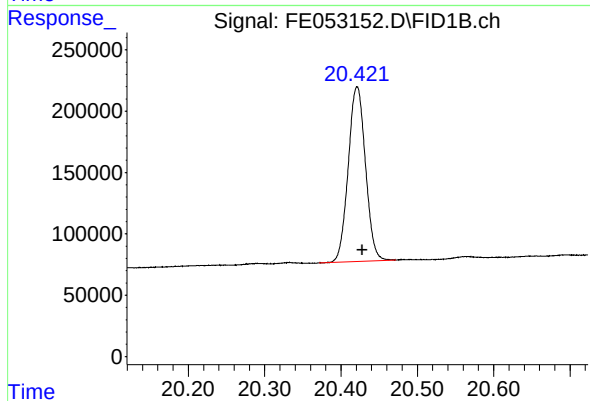
#18 n-Dotriacontane (C32)

R.T.: 18.894 min
Delta R.T.: -0.006 min
Response: 2714535
Conc: 20.17 ug/ml



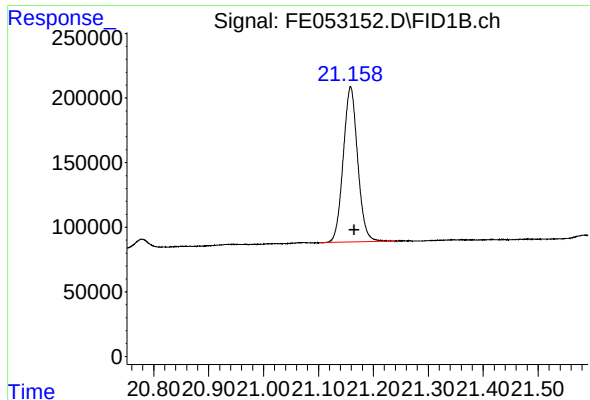
#19 n-Tetatriacontane (C34)

R.T.: 19.679 min
Delta R.T.: -0.006 min
Response: 2480135
Conc: 19.17 ug/ml



#20 n-Hexatriacontane (C36)

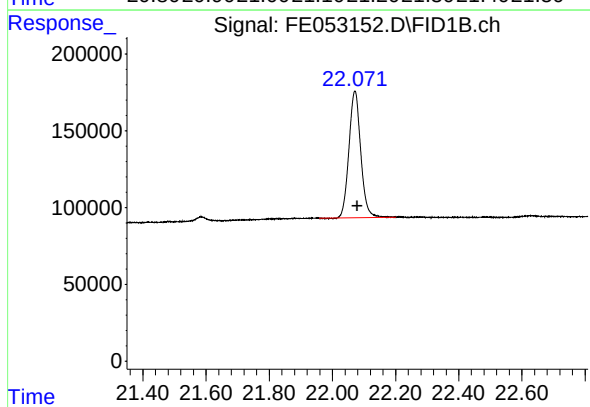
R.T.: 20.421 min
Delta R.T.: -0.007 min
Response: 2235516
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.007 min
Response: 2193665
Conc: 19.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.071 min
Delta R.T.: -0.007 min
Response: 2132178
Conc: 18.98 ug/ml