

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012225AL\
 Data File : FE051993.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jan 2025 11:35
 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: Jan 23 01:38:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.196	2534379	17.732 ug/ml
Spiked Amount 50.000		Recovery =	35.46%
12) S 1-chlorooctadecane (S...	13.611	1962318	17.106 ug/ml
Spiked Amount 50.000		Recovery =	34.21%
Target Compounds			
1) T n-Nonane (C9)	3.676	1904247	17.861 ug/ml
2) T n-Decane (C10)	4.903	2027386	18.519 ug/ml
3) T A~Naphthalene (C11.7)	6.598	2306614	18.982 ug/ml
4) T n-Dodecane (C12)	7.031	2132205	18.892 ug/ml
5) T A~2-methylnaphthalene...	7.677	2286724	19.154 ug/ml
6) T n-Tetradecane (C14)	8.837	2195422	18.876 ug/ml
7) T n-Hexadecane (C16)	10.431	2318254	18.381 ug/ml
8) T n-Octadecane (C18)	11.864	2368632	17.903 ug/ml
10) T n-Eicosane (C20)	13.165	2288429	17.456 ug/ml
11) T n-Heneicosane (C21)	13.775	2239636	17.207 ug/ml
13) T n-Docosane (C22)	14.357	2266688	17.272 ug/ml
14) T n-Tetracosane (C24)	15.455	2317772	17.449 ug/ml
15) T n-Hexacosane (C26)	16.472	2333071	17.650 ug/ml
16) T n-Octacosane (C28)	17.419	2371005	17.964 ug/ml
17) T n-Tricontane (C30)	18.303	2514407	18.442 ug/ml
18) T n-Dotriacontane (C32)	19.133	2435185	18.582 ug/ml
19) T n-Tetratriacontane (C34)	19.915	2050043	18.209 ug/ml
20) T n-Hexatriacontane (C36)	20.653	1728431	18.197 ug/ml
21) T n-Octatriacontane (C38)	21.439	1578248	18.271 ug/ml
22) T n-Tetracontane (C40)	22.438	1630461	19.785 ug/ml

(f)=RT Delta > 1/2 Window

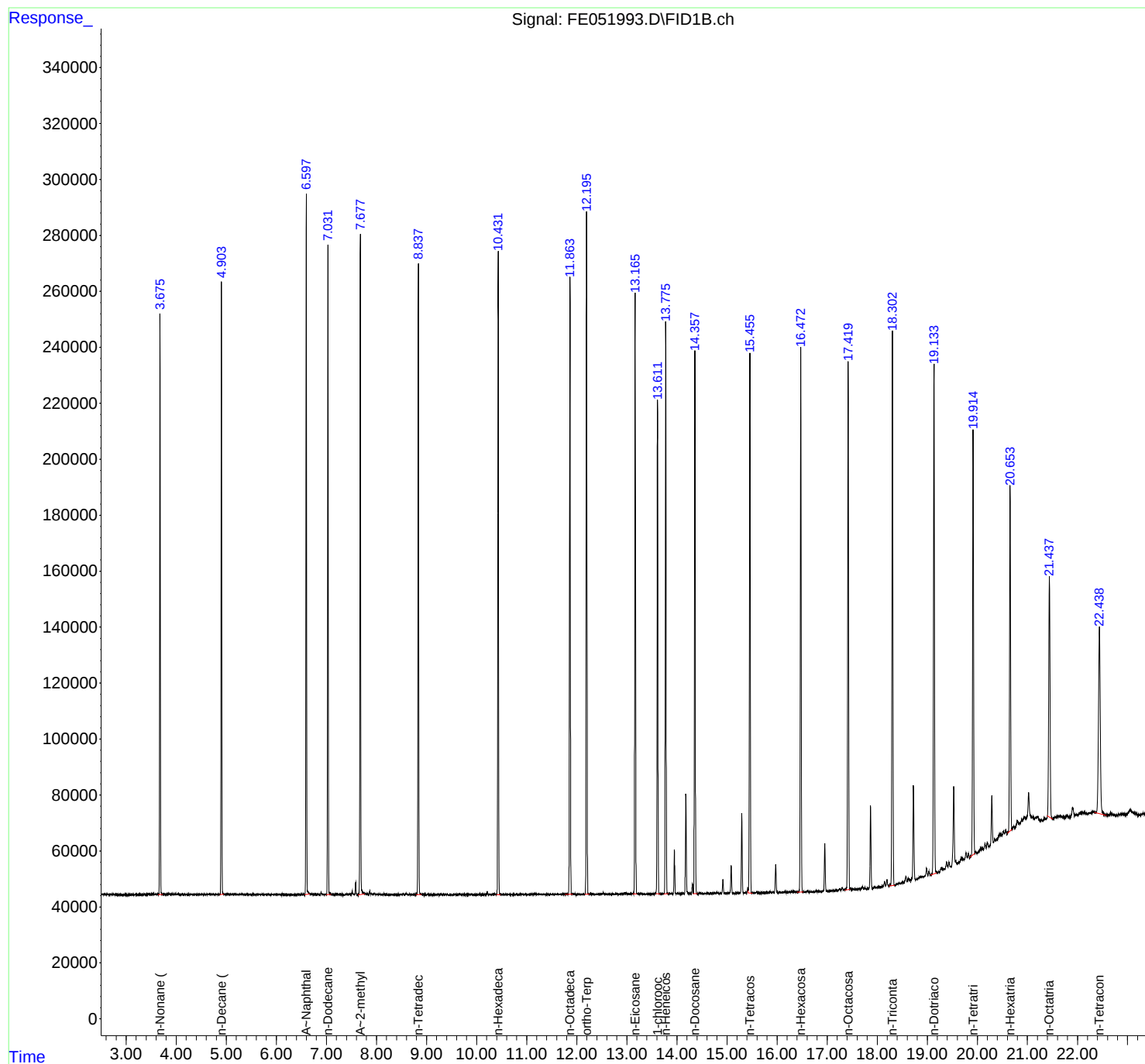
(m)=manual int.

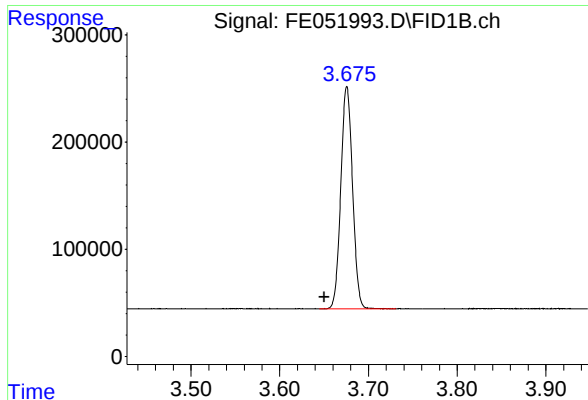
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012225AL\
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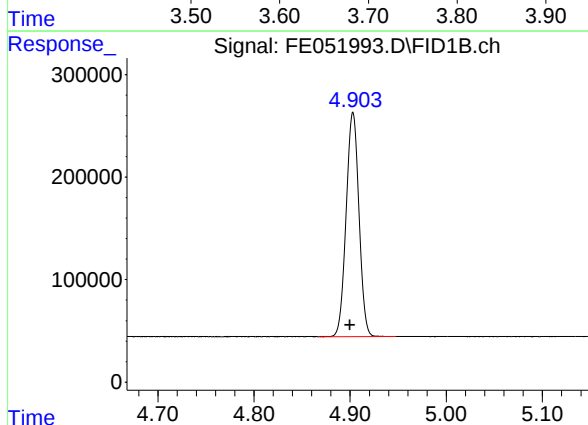




#1 n-Nonane (C9)

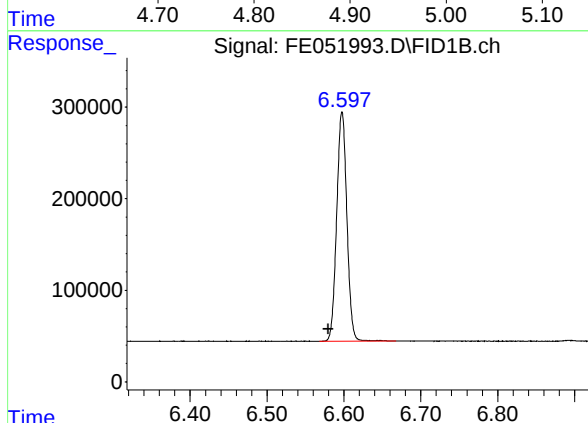
R.T.: 3.676 min
Delta R.T.: 0.026 min
Response: 1904247
Conc: 17.86 ug/ml

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20 PPM ALIPHATIC HC STD



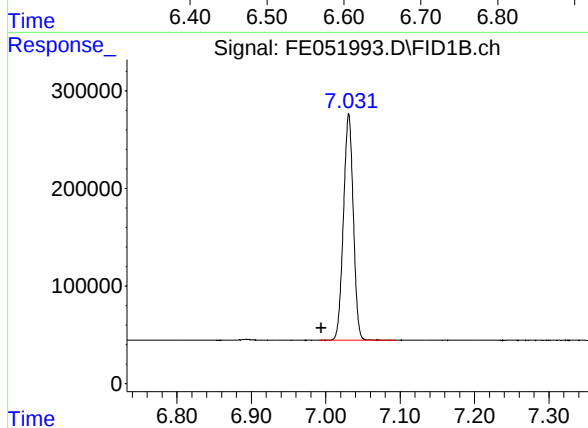
#2 n-Decane (C10)

R.T.: 4.903 min
Delta R.T.: 0.003 min
Response: 2027386
Conc: 18.52 ug/ml



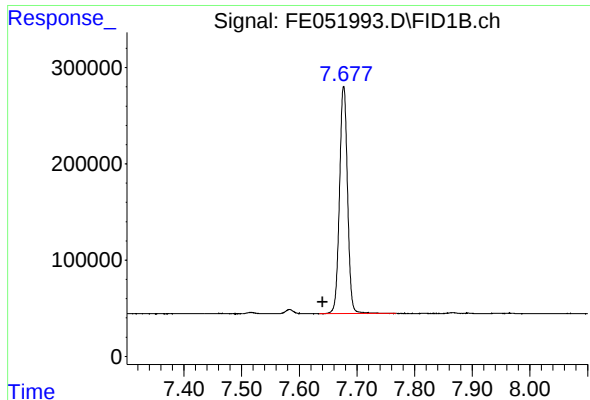
#3 A~Naphthalene (C11.7)

R.T.: 6.598 min
Delta R.T.: 0.018 min
Response: 2306614
Conc: 18.98 ug/ml



#4 n-Dodecane (C12)

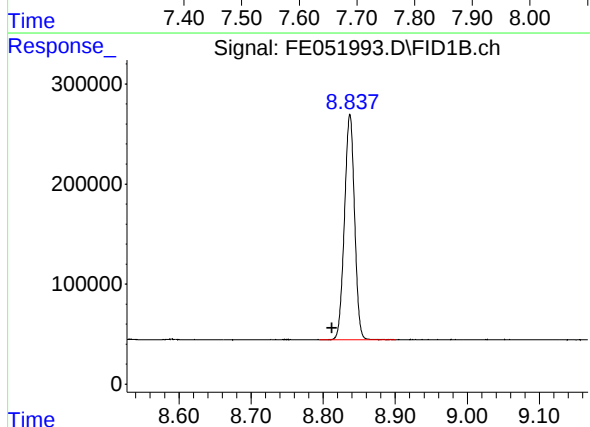
R.T.: 7.031 min
Delta R.T.: 0.037 min
Response: 2132205
Conc: 18.89 ug/ml



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

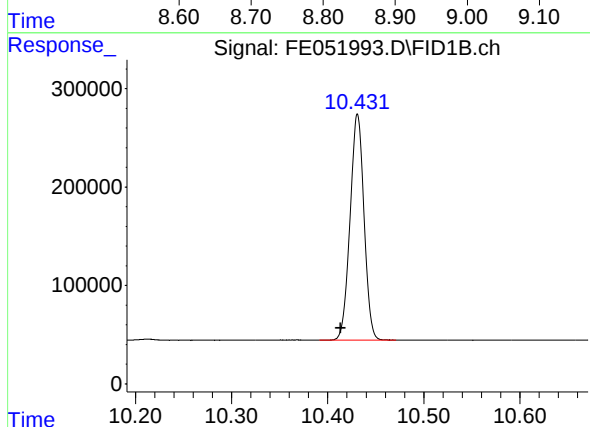
R.T.: 7.677 min
Delta R.T.: 0.037 min
Response: 2286724
Conc: 19.15 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



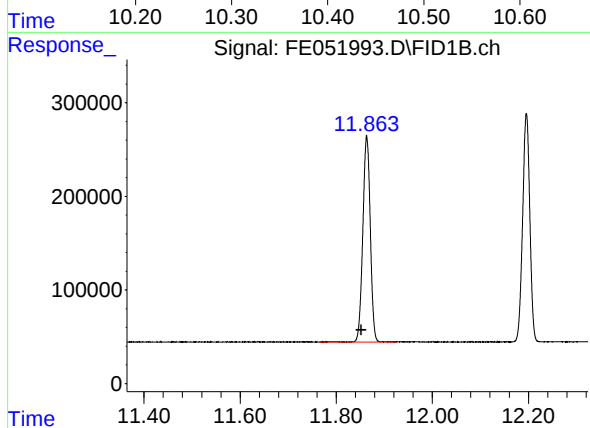
#6 n-Tetradecane (C14)

R.T.: 8.837 min
Delta R.T.: 0.025 min
Response: 2195422
Conc: 18.88 ug/ml



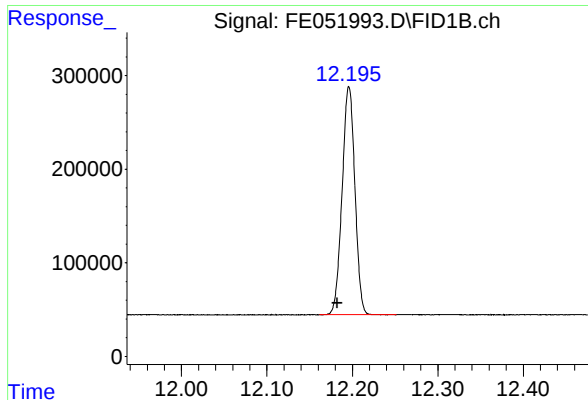
#7 n-Hexadecane (C16)

R.T.: 10.431 min
Delta R.T.: 0.018 min
Response: 2318254
Conc: 18.38 ug/ml



#8 n-Octadecane (C18)

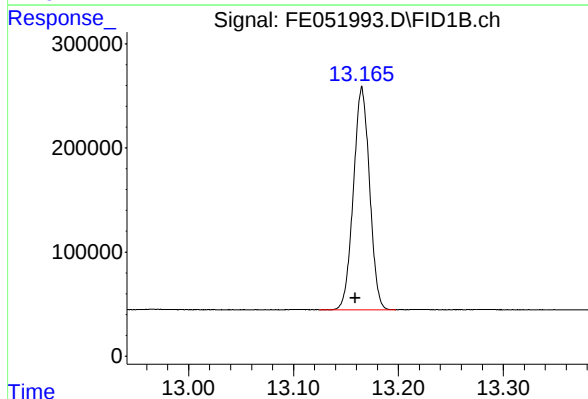
R.T.: 11.864 min
Delta R.T.: 0.011 min
Response: 2368632
Conc: 17.90 ug/ml



#9 ortho-Terphenyl (SURR)

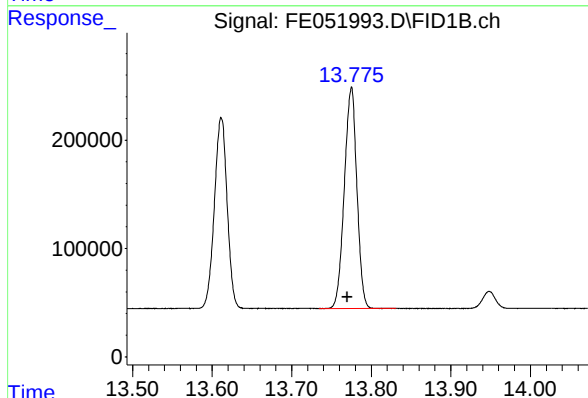
R.T.: 12.196 min
Delta R.T.: 0.014 min
Response: 2534379
Conc: 17.73 ug/ml

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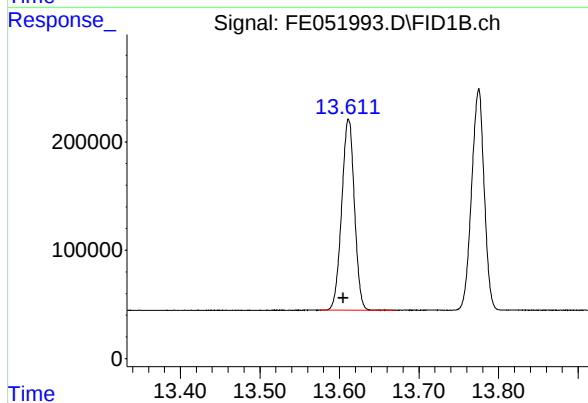
#10 n-Eicosane (C20)

R.T.: 13.165 min
Delta R.T.: 0.006 min
Response: 2288429
Conc: 17.46 ug/ml



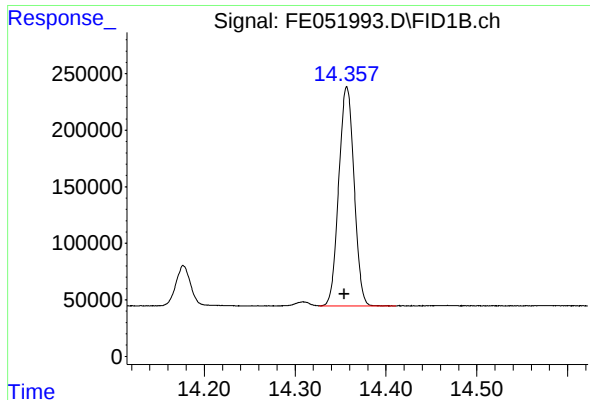
#11 n-Heneicosane (C21)

R.T.: 13.775 min
Delta R.T.: 0.005 min
Response: 2239636
Conc: 17.21 ug/ml



#12 1-chlorooctadecane (SURR)

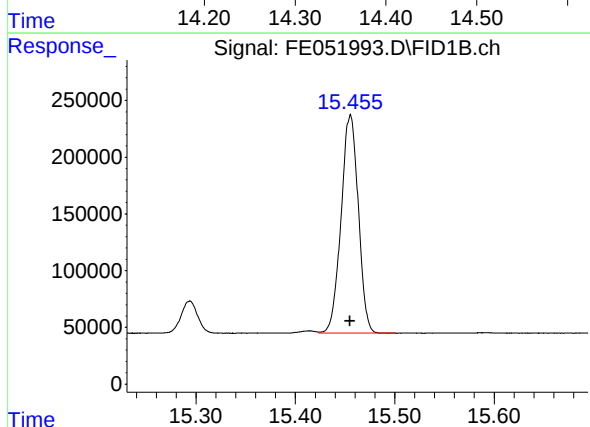
R.T.: 13.611 min
Delta R.T.: 0.007 min
Response: 1962318
Conc: 17.11 ug/ml



#13 n-Docosane (C22)

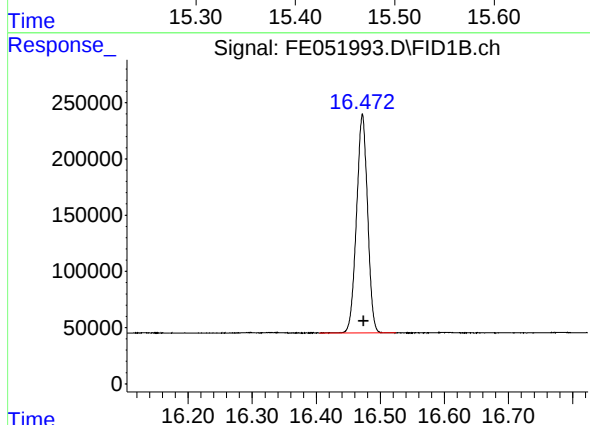
R.T.: 14.357 min
Delta R.T.: 0.003 min
Response: 2266688
Conc: 17.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



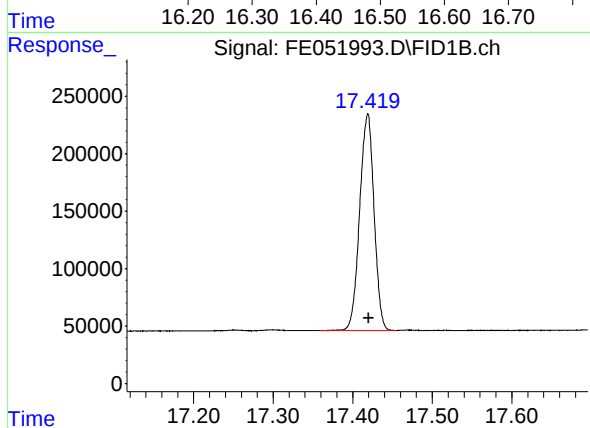
#14 n-Tetracosane (C24)

R.T.: 15.455 min
Delta R.T.: 0.000 min
Response: 2317772
Conc: 17.45 ug/ml



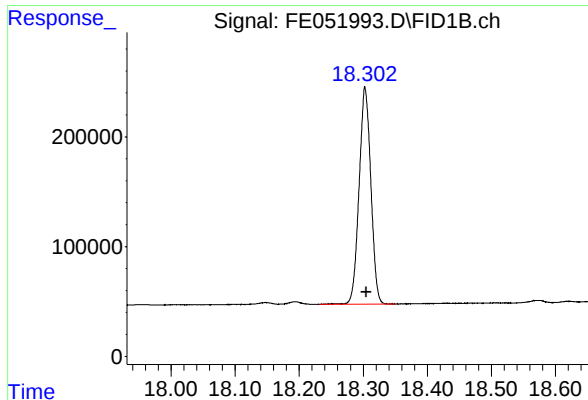
#15 n-Hexacosane (C26)

R.T.: 16.472 min
Delta R.T.: -0.002 min
Response: 2333071
Conc: 17.65 ug/ml



#16 n-Octacosane (C28)

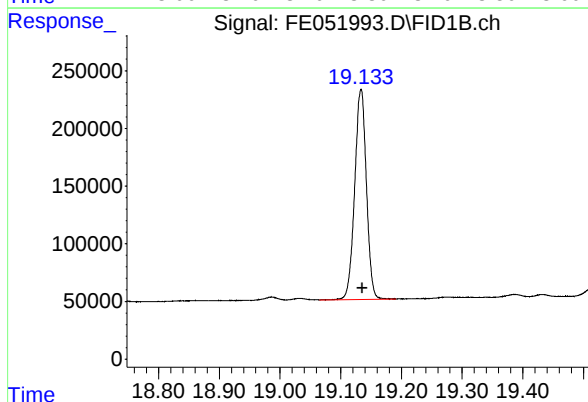
R.T.: 17.419 min
Delta R.T.: -0.001 min
Response: 2371005
Conc: 17.96 ug/ml



#17 n-Tricontane (C30)

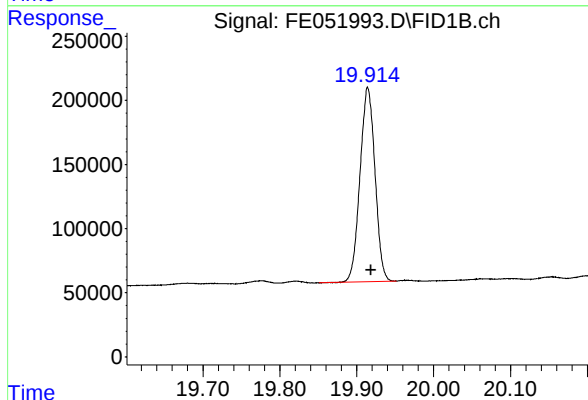
R.T.: 18.303 min
Delta R.T.: -0.002 min
Response: 2514407
Conc: 18.44 ug/ml

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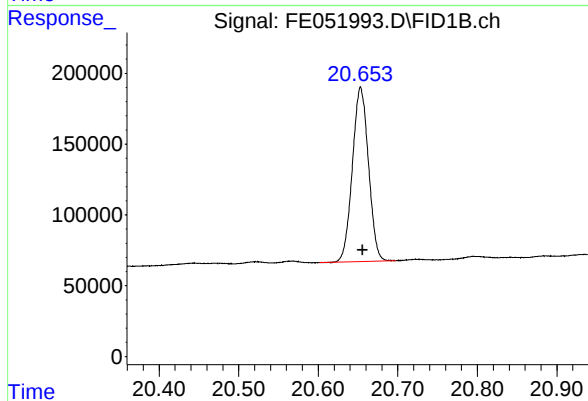
#18 n-Dotriacontane (C32)

R.T.: 19.133 min
Delta R.T.: -0.002 min
Response: 2435185
Conc: 18.58 ug/ml



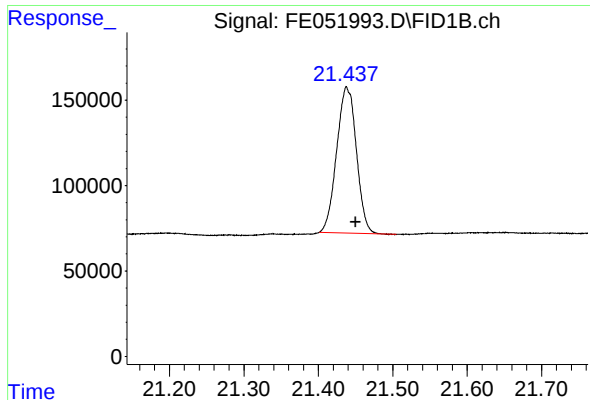
#19 n-Tetratriacontane (C34)

R.T.: 19.915 min
Delta R.T.: -0.004 min
Response: 2050043
Conc: 18.21 ug/ml



#20 n-Hexatriacontane (C36)

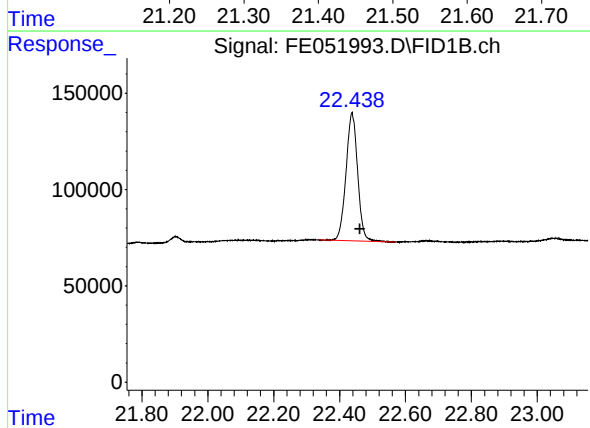
R.T.: 20.653 min
Delta R.T.: -0.002 min
Response: 1728431
Conc: 18.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.439 min
Delta R.T.: -0.012 min
Response: 1578248
Conc: 18.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.438 min
Delta R.T.: -0.025 min
Response: 1630461
Conc: 19.78 ug/ml