

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040424AL\
 Data File : FE047462.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2024 12:59
 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 05 01:24:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.980	2998061	17.285 ug/ml
Spiked Amount 50.000		Recovery =	34.57%
12) S 1-chlorooctadecane (S...	13.414	2330625	17.329 ug/ml
Spiked Amount 50.000		Recovery =	34.66%
Target Compounds			
1) T n-Nonane (C9)	3.361	2711322	17.330 ug/ml
2) T n-Decane (C10)	4.614	2784667	17.326 ug/ml
3) T A~Naphthalene (C11.7)	6.320	2920877	17.227 ug/ml
4) T n-Dodecane (C12)	6.780	2797361	17.235 ug/ml
5) T A~2-methylnaphthalene...	7.416	2815992	17.147 ug/ml
6) T n-Tetradecane (C14)	8.608	2776886	17.261 ug/ml
7) T n-Hexadecane (C16)	10.216	2874094	17.306 ug/ml
8) T n-Octadecane (C18)	11.659	2909197	17.348 ug/ml
10) T n-Eicosane (C20)	12.969	2814821	17.375 ug/ml
11) T n-Heneicosane (C21)	13.581	2754783	17.361 ug/ml
13) T n-Docosane (C22)	14.167	2801653	17.458 ug/ml
14) T n-Tetracosane (C24)	15.270	2896090	17.545 ug/ml
15) T n-Hexacosane (C26)	16.290	2951106	17.853 ug/ml
16) T n-Octacosane (C28)	17.237	3039664	18.343 ug/ml
17) T n-Tricontane (C30)	18.125	3232506	19.040 ug/ml
18) T n-Dotriacontane (C32)	18.957	3210403	19.253 ug/ml
19) T n-Tetratriacontane (C34)	19.738	2951466	18.402 ug/ml
20) T n-Hexatriacontane (C36)	20.478	2809203	17.613 ug/ml
21) T n-Octatriacontane (C38)	21.220	2782846	17.123 ug/ml
22) T n-Tetracontane (C40)	22.148	2790777	17.046 ug/ml

(f)=RT Delta > 1/2 Window

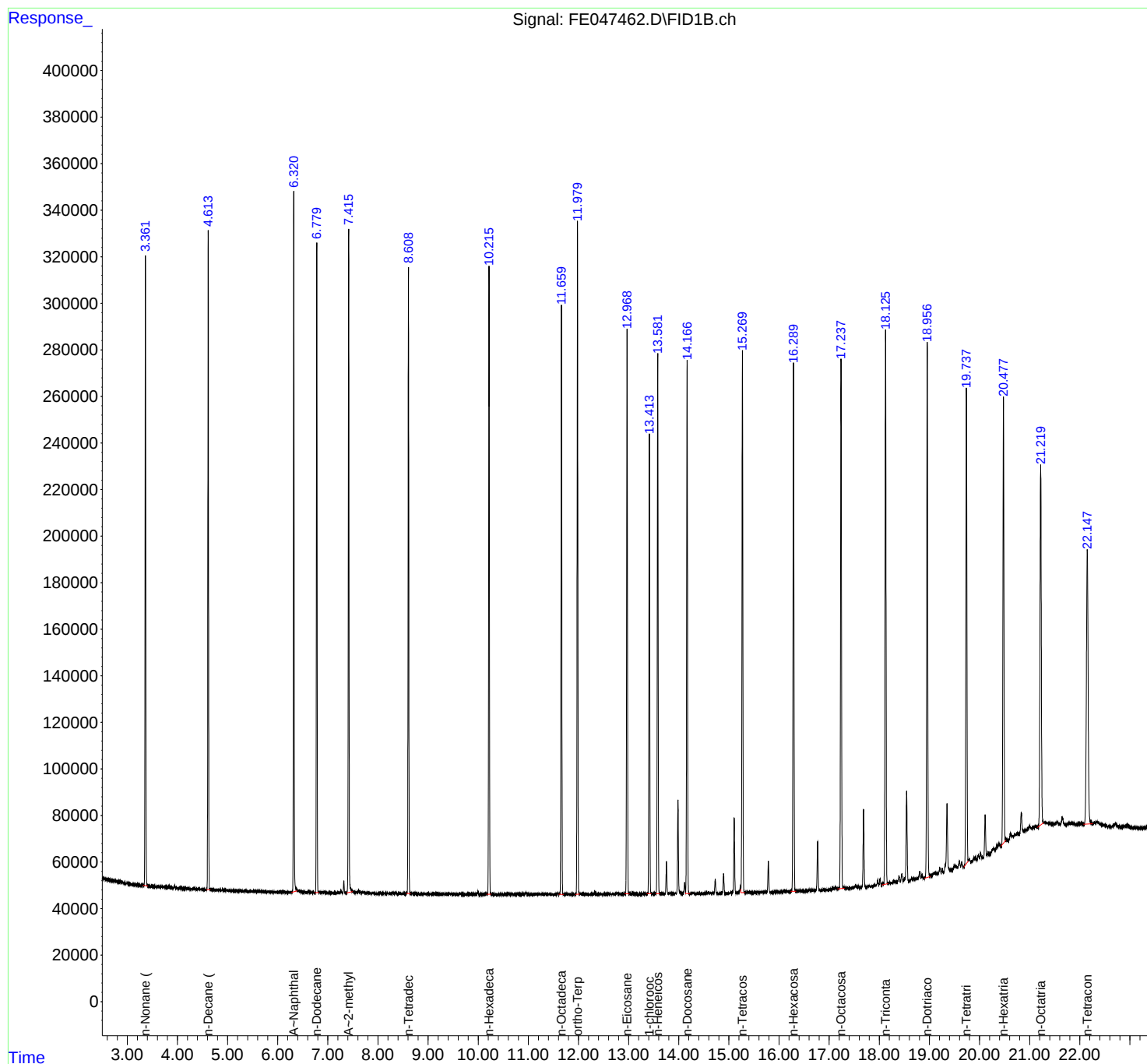
(m)=manual int.

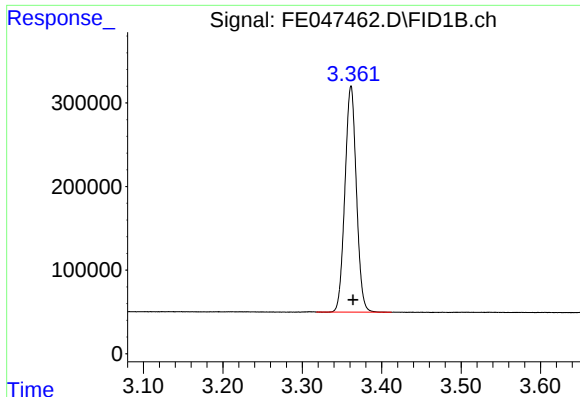
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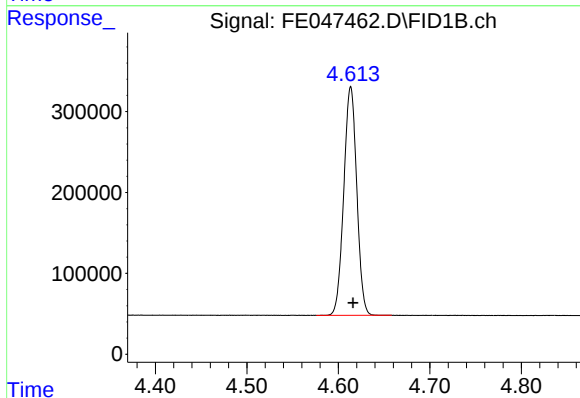




#1 n-Nonane (C9)

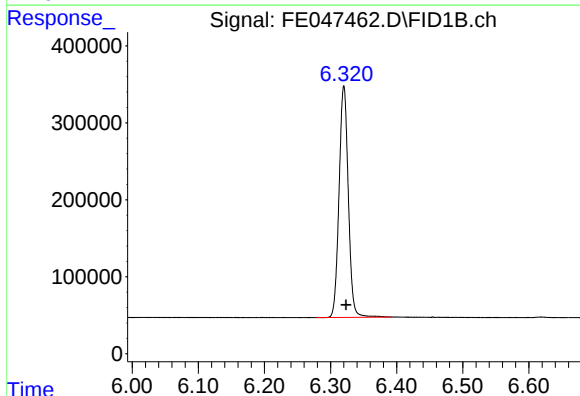
R.T.: 3.361 min
Delta R.T.: -0.003 min
Response: 2711322
Conc: 17.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



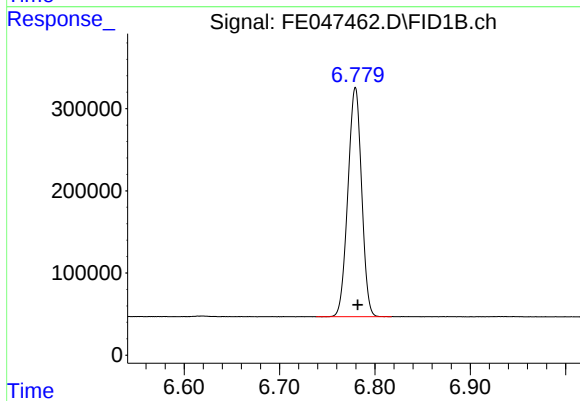
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.003 min
Response: 2784667
Conc: 17.33 ug/ml



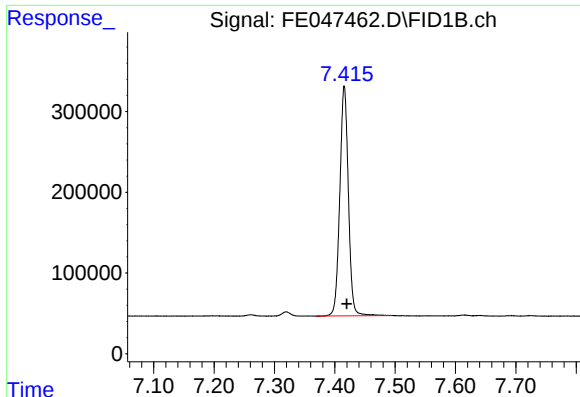
#3 A~Naphthalene (C11.7)

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 2920877
Conc: 17.23 ug/ml



#4 n-Dodecane (C12)

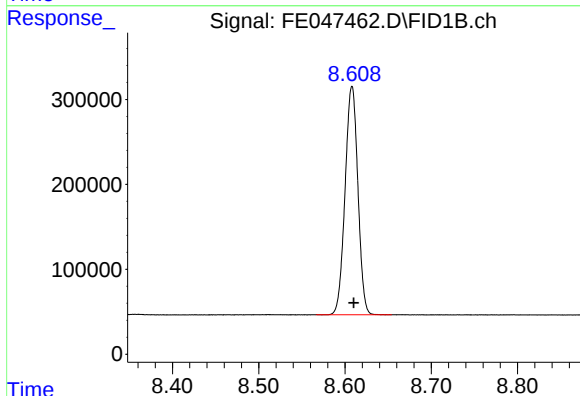
R.T.: 6.780 min
Delta R.T.: -0.003 min
Response: 2797361
Conc: 17.23 ug/ml



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

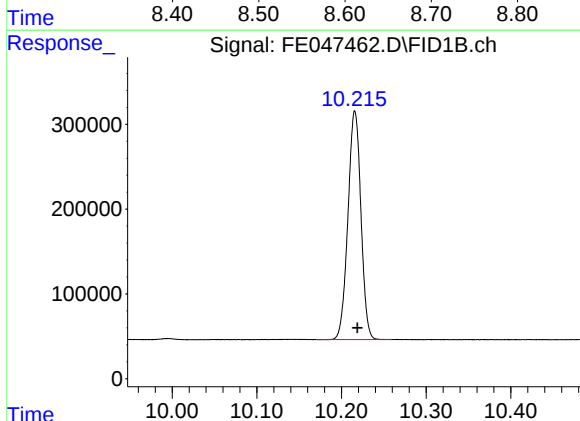
R.T.: 7.416 min
Delta R.T.: -0.004 min
Response: 2815992
Conc: 17.15 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



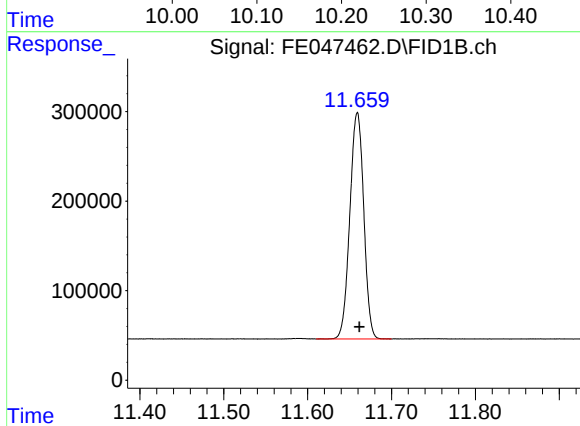
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: -0.002 min
Response: 2776886
Conc: 17.26 ug/ml



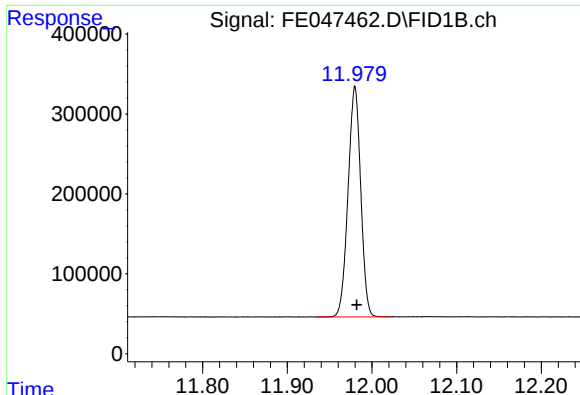
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: -0.003 min
Response: 2874094
Conc: 17.31 ug/ml



#8 n-Octadecane (C18)

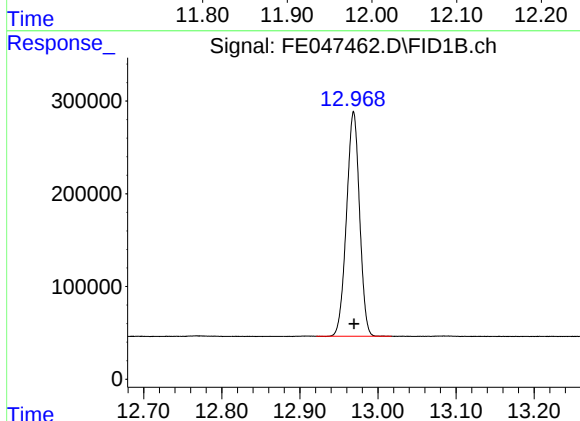
R.T.: 11.659 min
Delta R.T.: -0.002 min
Response: 2909197
Conc: 17.35 ug/ml



#9 ortho-Terphenyl (SURR)

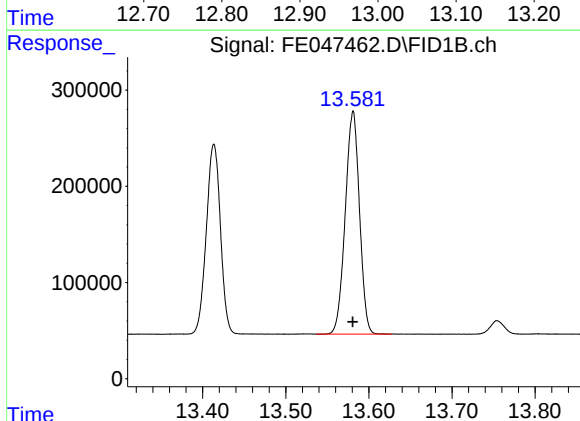
R.T.: 11.980 min
Delta R.T.: -0.002 min
Response: 2998061
Conc: 17.29 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



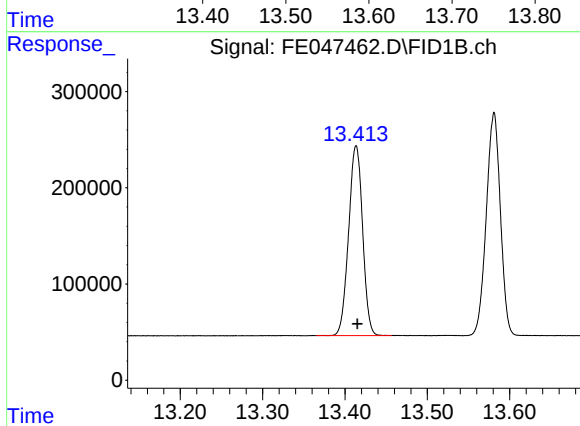
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 2814821
Conc: 17.38 ug/ml



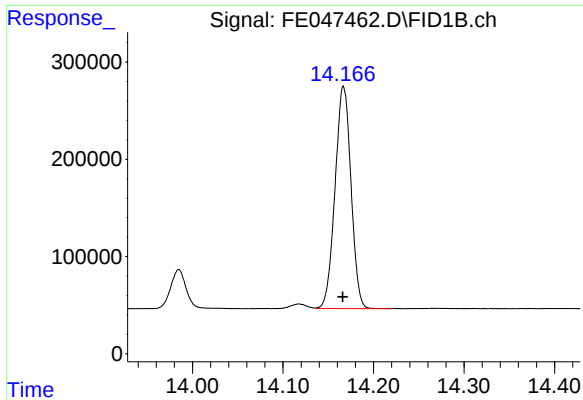
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: 0.000 min
Response: 2754783
Conc: 17.36 ug/ml



#12 1-chlorooctadecane (SURR)

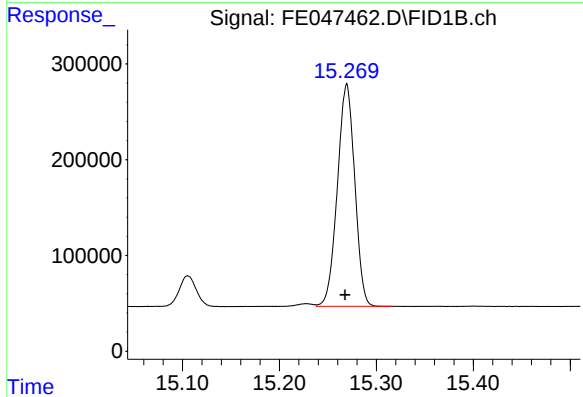
R.T.: 13.414 min
Delta R.T.: -0.002 min
Response: 2330625
Conc: 17.33 ug/ml



#13 n-Docosane (C22)

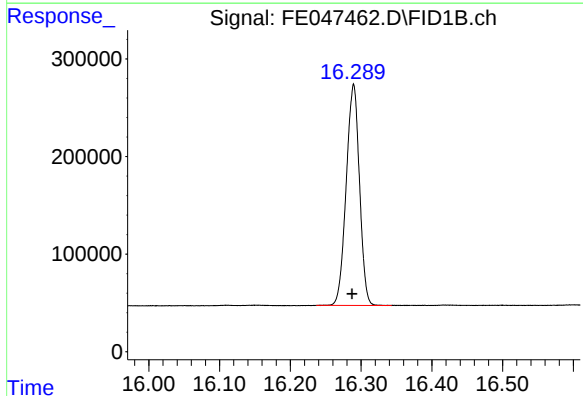
R.T.: 14.167 min
Delta R.T.: 0.000 min
Response: 2801653
Conc: 17.46 ug/ml

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20 PPM ALIPHATIC HC STD



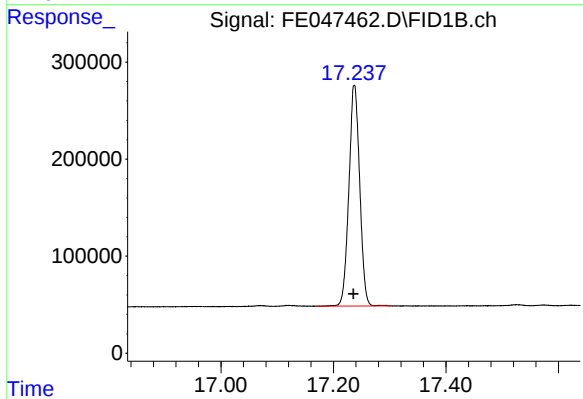
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: 0.002 min
Response: 2896090
Conc: 17.55 ug/ml



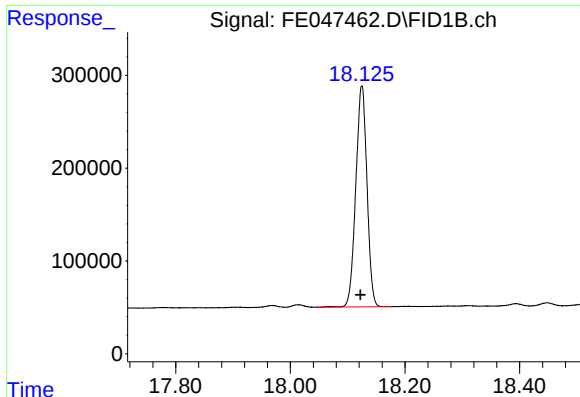
#15 n-Hexacosane (C26)

R.T.: 16.290 min
Delta R.T.: 0.002 min
Response: 2951106
Conc: 17.85 ug/ml



#16 n-Octacosane (C28)

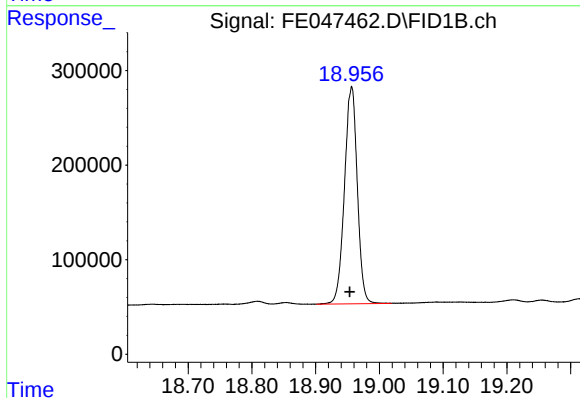
R.T.: 17.237 min
Delta R.T.: 0.002 min
Response: 3039664
Conc: 18.34 ug/ml



#17 n-Tricontane (C30)

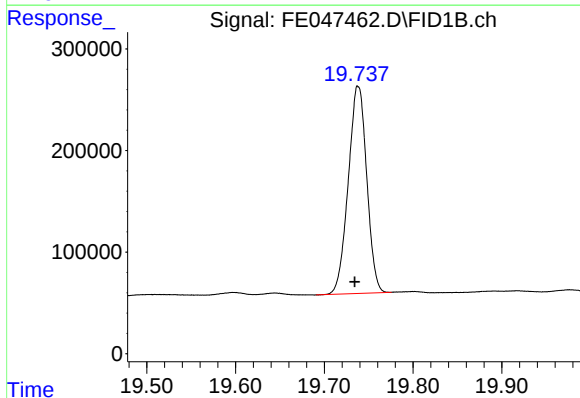
R.T.: 18.125 min
Delta R.T.: 0.003 min
Response: 3232506
Conc: 19.04 ug/ml

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20 PPM ALIPHATIC HC STD



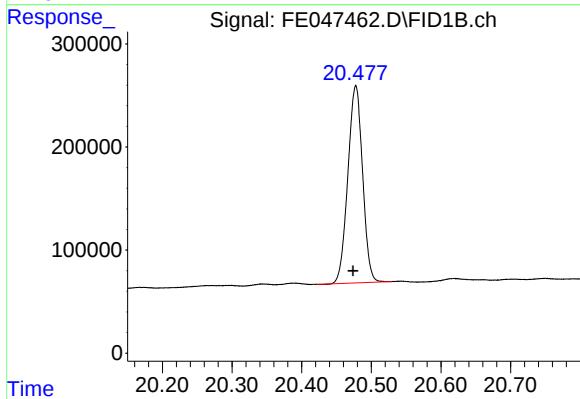
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.003 min
Response: 3210403
Conc: 19.25 ug/ml



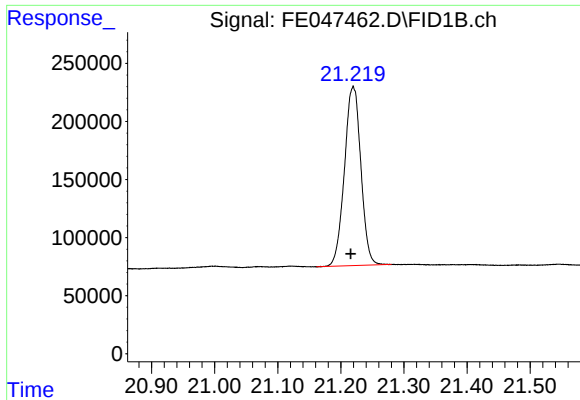
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.004 min
Response: 2951466
Conc: 18.40 ug/ml



#20 n-Hexatriacontane (C36)

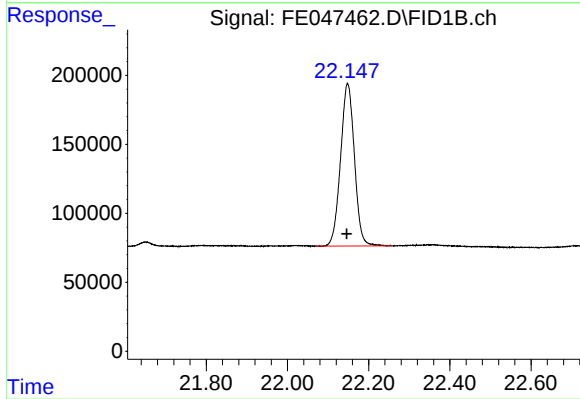
R.T.: 20.478 min
Delta R.T.: 0.004 min
Response: 2809203
Conc: 17.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.004 min
Response: 2782846
Conc: 17.12 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: 0.002 min
Response: 2790777
Conc: 17.05 ug/ml