

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071024AL\
 Data File : FE049061.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2024 09:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 11 09:37:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.925	2703567	16.169 ug/ml
Spiked Amount 50.000		Recovery =	32.34%
12) S 1-chlorooctadecane (S...	13.361	2067763	16.080 ug/ml
Spiked Amount 50.000		Recovery =	32.16%
Target Compounds			
1) T n-Nonane (C9)	3.312	2567506	17.078 ug/ml
2) T n-Decane (C10)	4.561	2679170	17.410 ug/ml
3) T A~Naphthalene (C11.7)	6.268	2695731	16.981 ug/ml
4) T n-Dodecane (C12)	6.727	2656696	17.210 ug/ml
5) T A~2-methylnaphthalene...	7.364	2556224	16.880 ug/ml
6) T n-Tetradecane (C14)	8.555	2622144	17.109 ug/ml
7) T n-Hexadecane (C16)	10.163	2667085	17.058 ug/ml
8) T n-Octadecane (C18)	11.605	2664373	16.706 ug/ml
10) T n-Eicosane (C20)	12.915	2541984	16.396 ug/ml
11) T n-Heneicosane (C21)	13.528	2487688	16.338 ug/ml
13) T n-Docosane (C22)	14.113	2481610	16.409 ug/ml
14) T n-Tetracosane (C24)	15.215	2506354	16.678 ug/ml
15) T n-Hexacosane (C26)	16.235	2507552	16.985 ug/ml
16) T n-Octacosane (C28)	17.184	2574090	17.849 ug/ml
17) T n-Tricontane (C30)	18.072	2861606	19.560 ug/ml
18) T n-Dotriacontane (C32)	18.903	2933842	20.519 ug/ml
19) T n-Tetratriacontane (C34)	19.687	2811025	20.315 ug/ml
20) T n-Hexatriacontane (C36)	20.427	2736797	21.058 ug/ml
21) T n-Octatriacontane (C38)	21.163	2698088	21.047 ug/ml
22) T n-Tetracontane (C40)	22.072	2633182	21.502 ug/ml

(f)=RT Delta > 1/2 Window

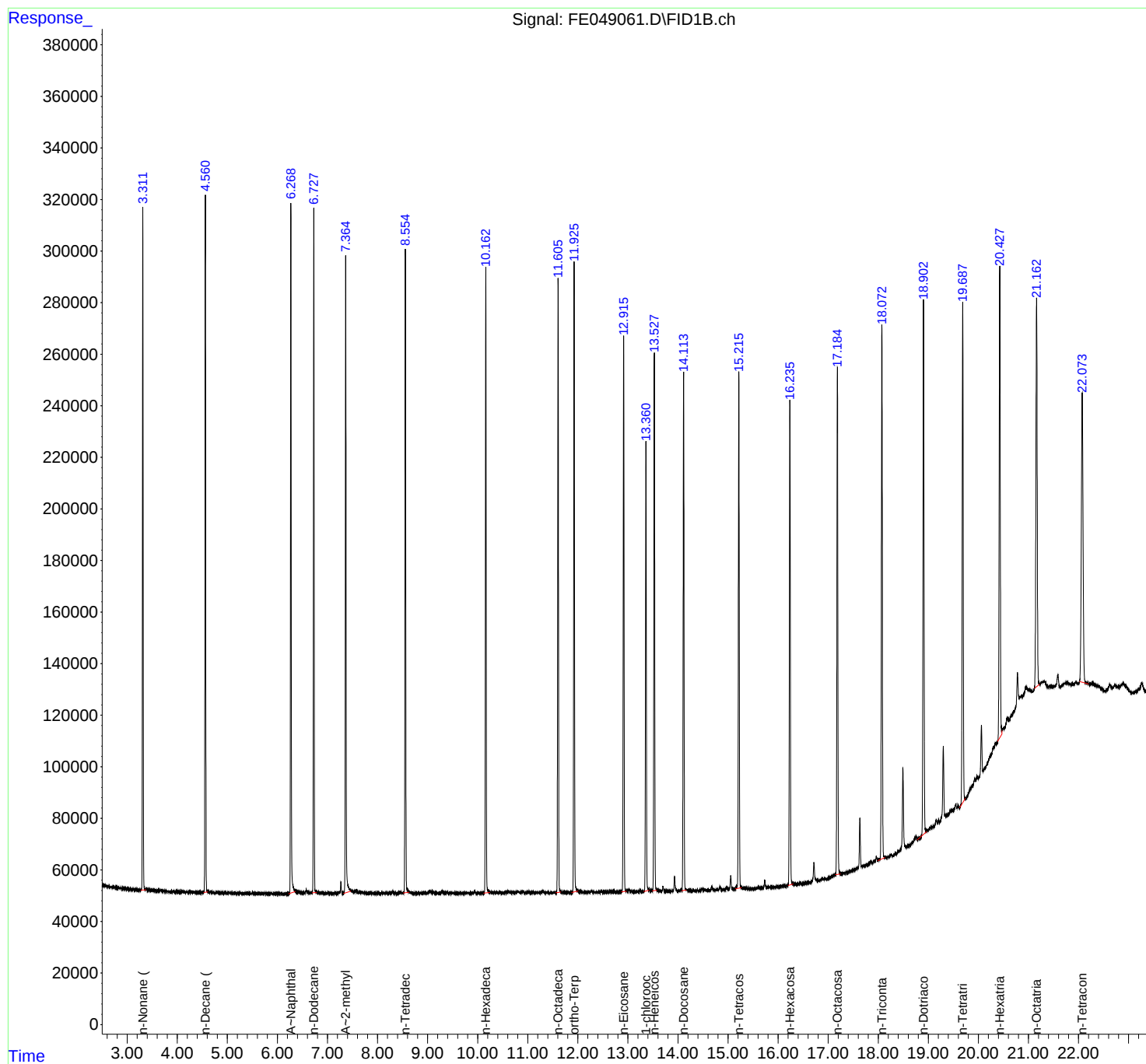
(m)=manual int.

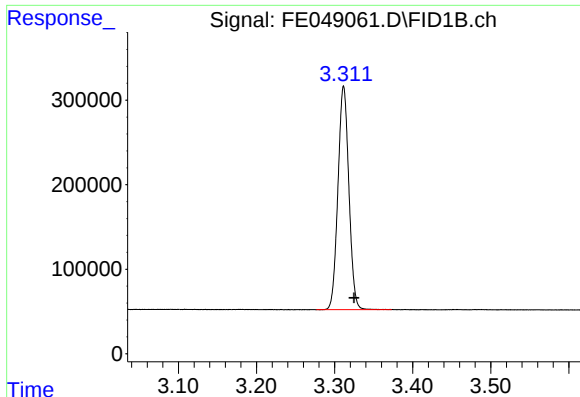
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071024AL\
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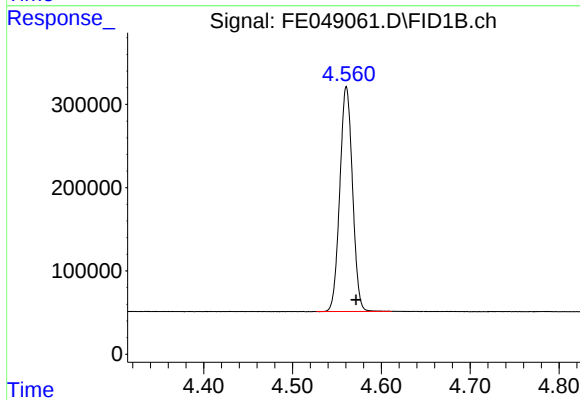




#1 n-Nonane (C9)

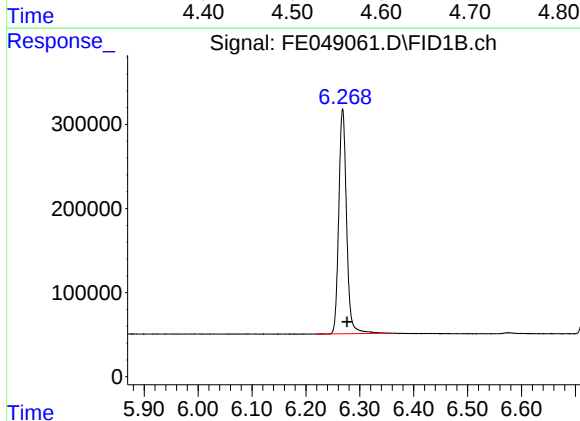
R.T.: 3.312 min
Delta R.T.: -0.013 min
Response: 2567506
Conc: 17.08 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



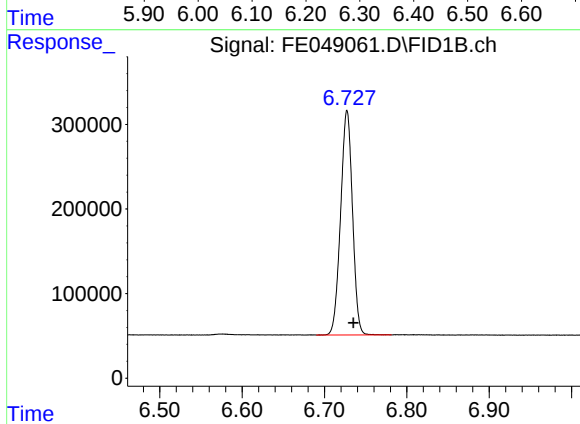
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.011 min
Response: 2679170
Conc: 17.41 ug/ml



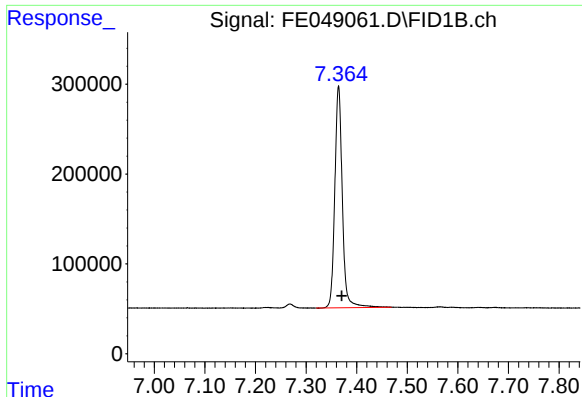
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: -0.008 min
Response: 2695731
Conc: 16.98 ug/ml



#4 n-Dodecane (C12)

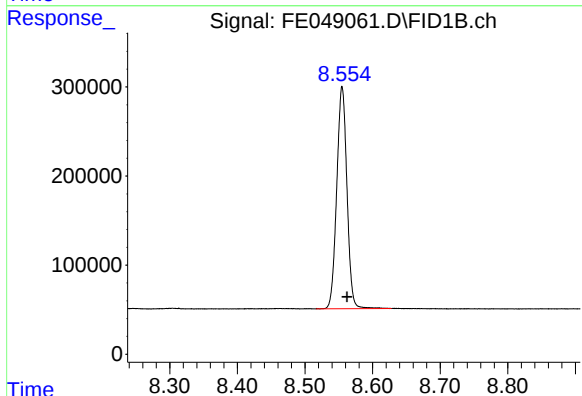
R.T.: 6.727 min
Delta R.T.: -0.008 min
Response: 2656696
Conc: 17.21 ug/ml



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

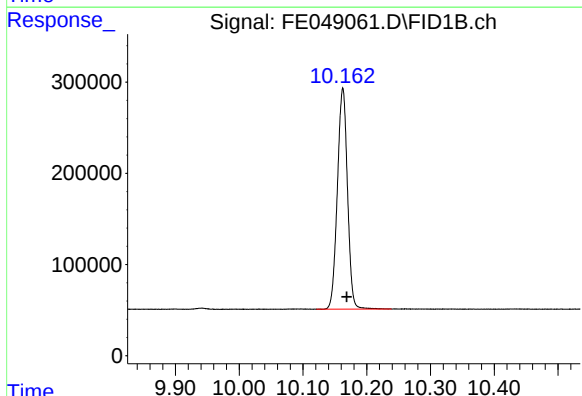
R.T.: 7.364 min
Delta R.T.: -0.006 min
Response: 2556224
Conc: 16.88 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



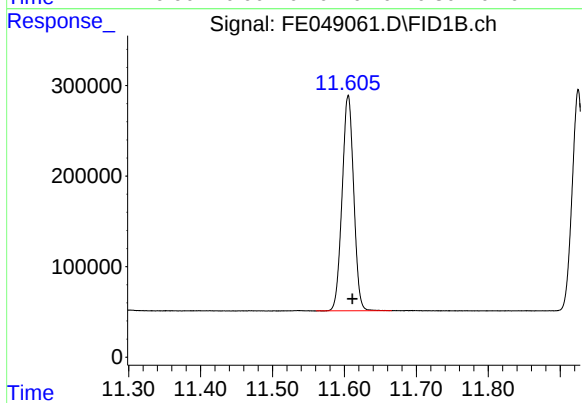
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: -0.007 min
Response: 2622144
Conc: 17.11 ug/ml



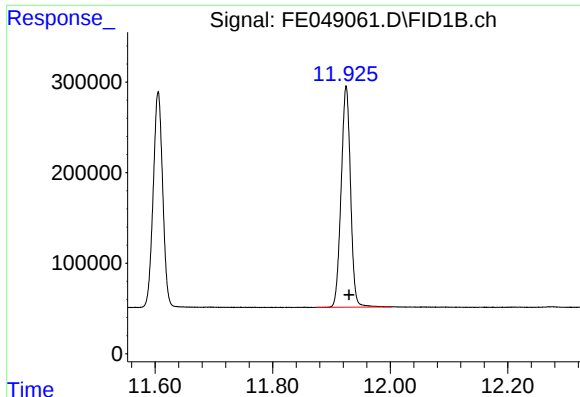
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: -0.006 min
Response: 2667085
Conc: 17.06 ug/ml



#8 n-Octadecane (C18)

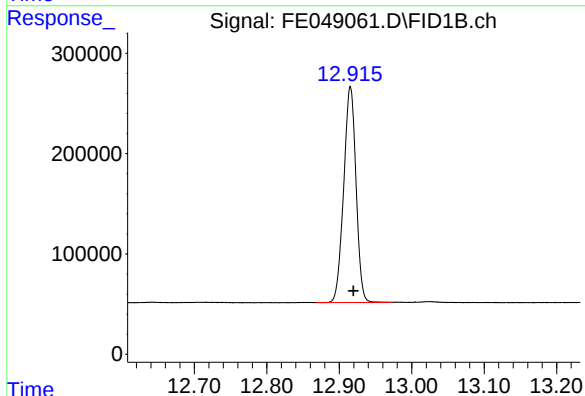
R.T.: 11.605 min
Delta R.T.: -0.006 min
Response: 2664373
Conc: 16.71 ug/ml



#9 ortho-Terphenyl (SURR)

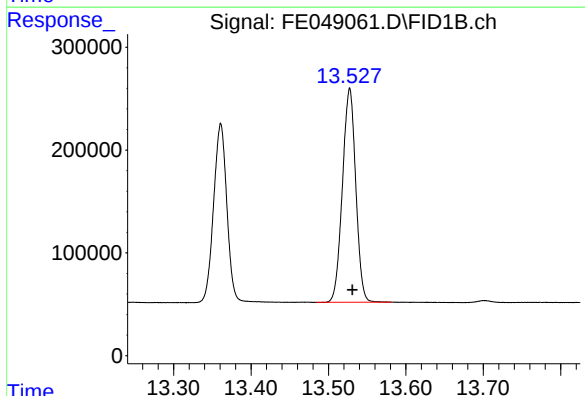
R.T.: 11.925 min
Delta R.T.: -0.005 min
Response: 2703567
Conc: 16.17 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



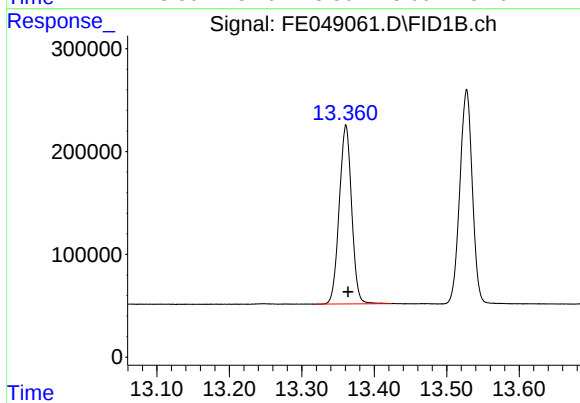
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.004 min
Response: 2541984
Conc: 16.40 ug/ml



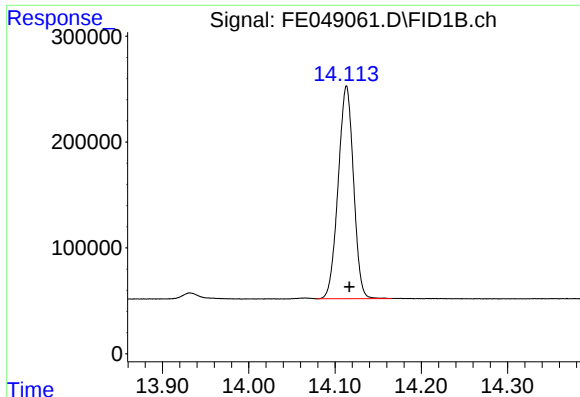
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: -0.003 min
Response: 2487688
Conc: 16.34 ug/ml



#12 1-chlorooctadecane (SURR)

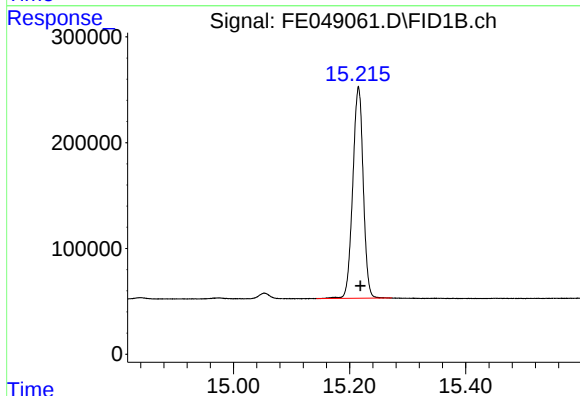
R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 2067763
Conc: 16.08 ug/ml



#13 n-Docosane (C22)

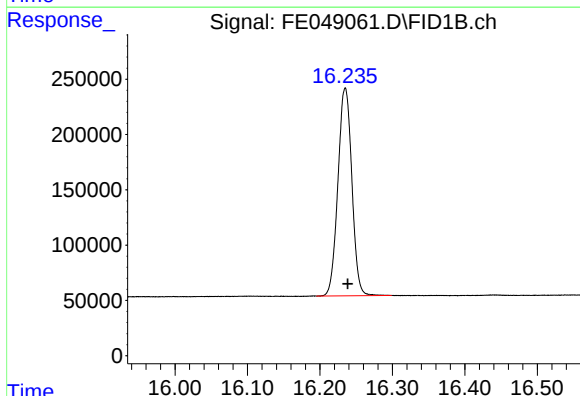
R.T.: 14.113 min
Delta R.T.: -0.003 min
Response: 2481610
Conc: 16.41 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



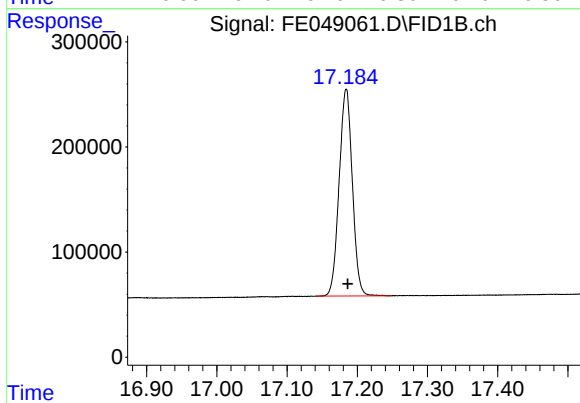
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: -0.003 min
Response: 2506354
Conc: 16.68 ug/ml



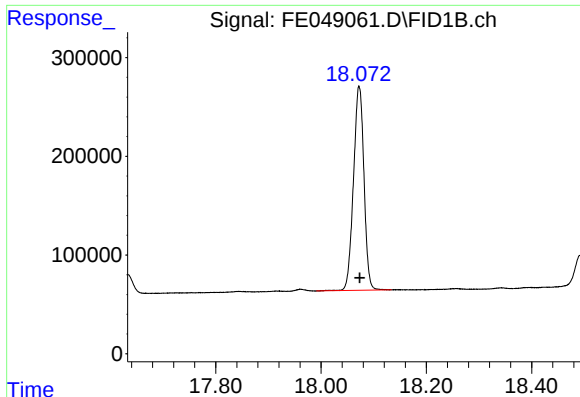
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: -0.003 min
Response: 2507552
Conc: 16.99 ug/ml



#16 n-Octacosane (C28)

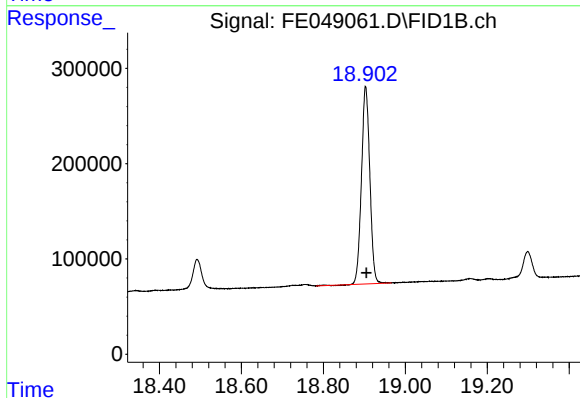
R.T.: 17.184 min
Delta R.T.: -0.002 min
Response: 2574090
Conc: 17.85 ug/ml



#17 n-Tricontane (C30)

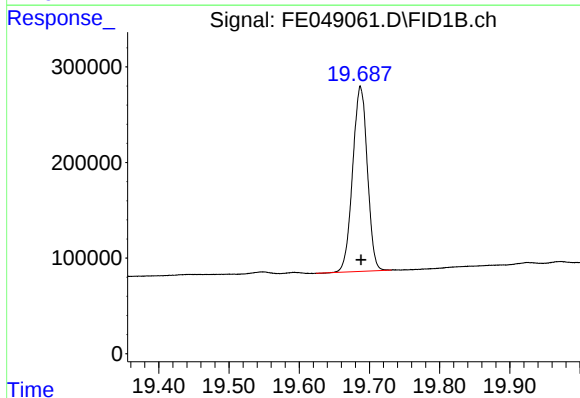
R.T.: 18.072 min
Delta R.T.: 0.000 min
Response: 2861606
Conc: 19.56 ug/ml

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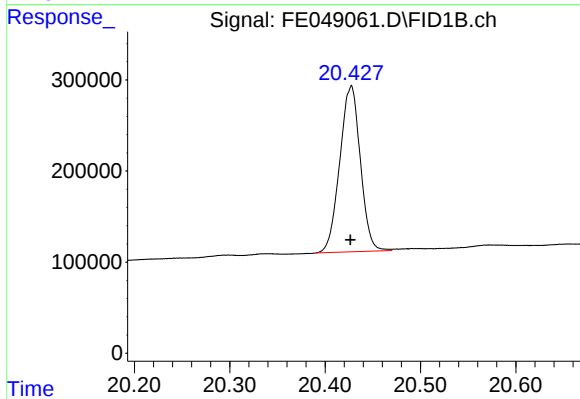
#18 n-Dotriacontane (C32)

R.T.: 18.903 min
Delta R.T.: -0.002 min
Response: 2933842
Conc: 20.52 ug/ml



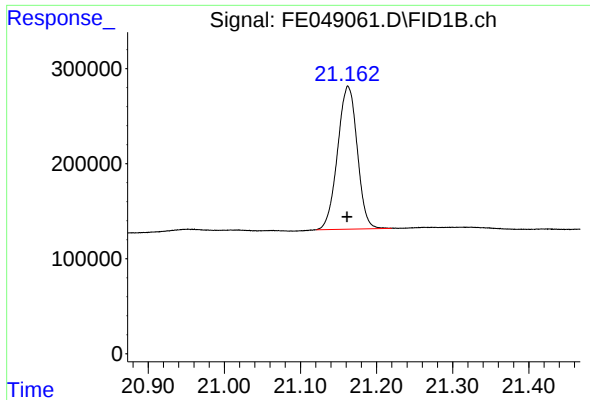
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: 0.000 min
Response: 2811025
Conc: 20.32 ug/ml



#20 n-Hexatriacontane (C36)

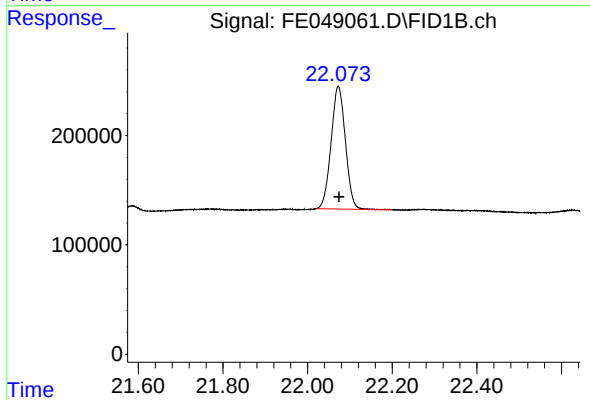
R.T.: 20.427 min
Delta R.T.: 0.000 min
Response: 2736797
Conc: 21.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: 0.001 min
Response: 2698088
Conc: 21.05 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: -0.002 min
Response: 2633182
Conc: 21.50 ug/ml