

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063025AL\
 Data File : FE054627.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jun 2025 10:28
 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: Jul 01 06:07:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.069	3119751	19.211 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	13.505	2337271	18.507 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
Target Compounds			
1) T n-Nonane (C9)	3.422	2269859	16.875 ug/ml
2) T n-Decane (C10)	4.677	2394565	17.549 ug/ml
3) T A~Naphthalene (C11.7)	6.389	2664859	17.600 ug/ml
4) T n-Dodecane (C12)	6.849	2457103	17.908 ug/ml
5) T A~2-methylnaphthalene...	7.488	2685987	18.272 ug/ml
6) T n-Tetradecane (C14)	8.684	2472485	17.836 ug/ml
7) T n-Hexadecane (C16)	10.297	2528514	17.743 ug/ml
8) T n-Octadecane (C18)	11.745	2567986	17.522 ug/ml
10) T n-Eicosane (C20)	13.058	2577921	17.928 ug/ml
11) T n-Heneicosane (C21)	13.671	2531887	17.726 ug/ml
13) T n-Docosane (C22)	14.259	2627322	18.400 ug/ml
14) T n-Tetracosane (C24)	15.364	2770451	19.059 ug/ml
15) T n-Hexacosane (C26)	16.387	2863124	19.785 ug/ml
16) T n-Octacosane (C28)	17.339	2984323	20.477 ug/ml
17) T n-Tricontane (C30)	18.228	3216138	20.409 ug/ml
18) T n-Dotriacontane (C32)	19.062	3196181	19.756 ug/ml
19) T n-Tetratriacontane (C34)	19.845	2894935	18.997 ug/ml
20) T n-Hexatriacontane (C36)	20.585	2698151	20.067 ug/ml
21) T n-Octatriacontane (C38)	21.360	2474598	21.099 ug/ml
22) T n-Tetracontane (C40)	22.345	2358666	21.762 ug/ml

(f)=RT Delta > 1/2 Window

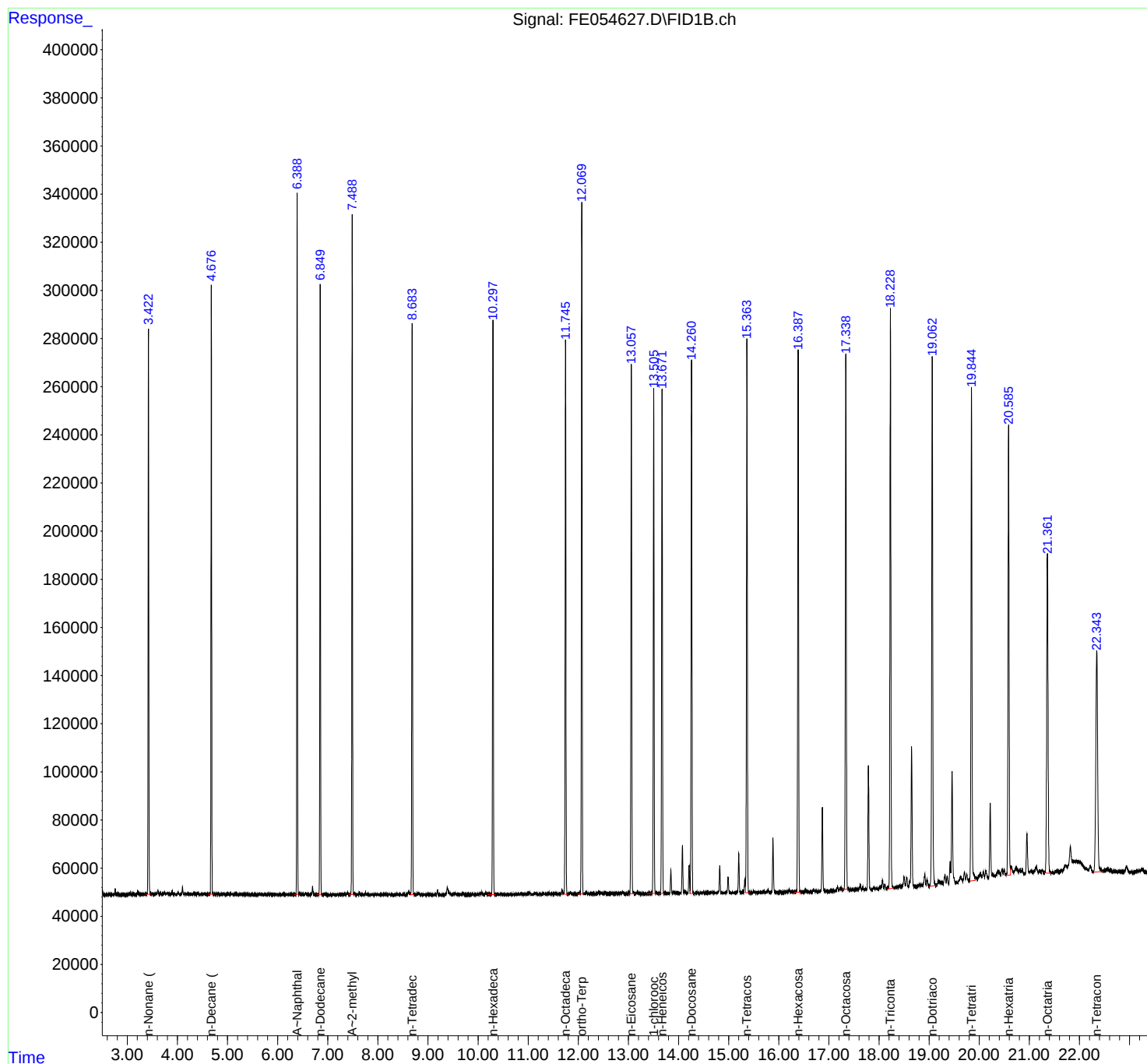
(m)=manual int.

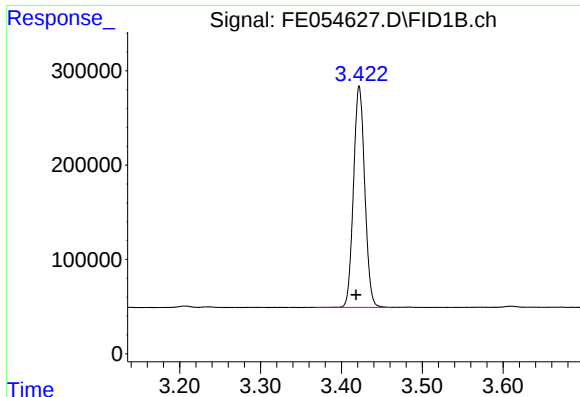
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063025AL\
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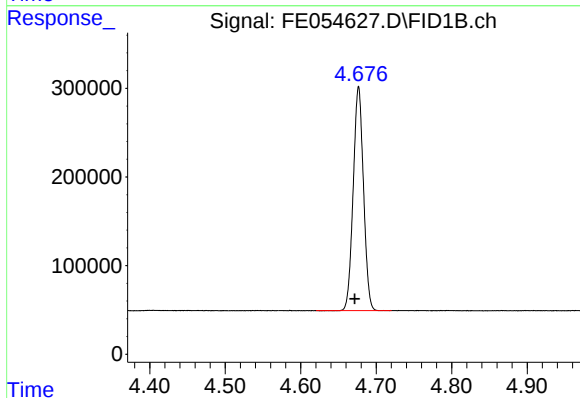




#1 n-Nonane (C9)

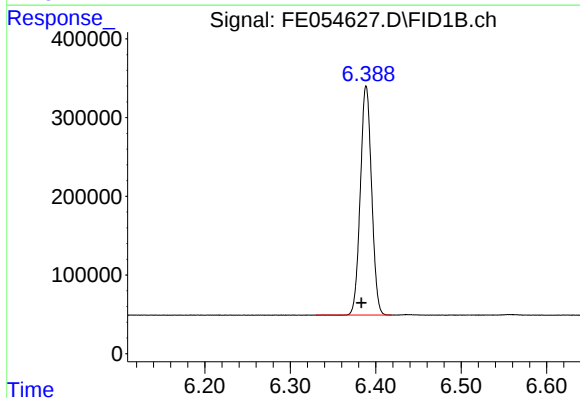
R.T.: 3.422 min
Delta R.T.: 0.004 min
Response: 2269859
Conc: 16.88 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



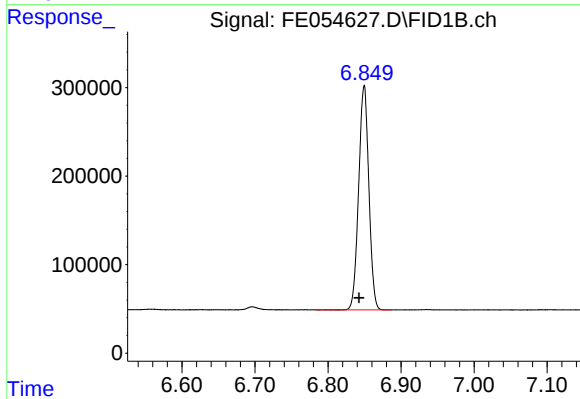
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: 0.005 min
Response: 2394565
Conc: 17.55 ug/ml



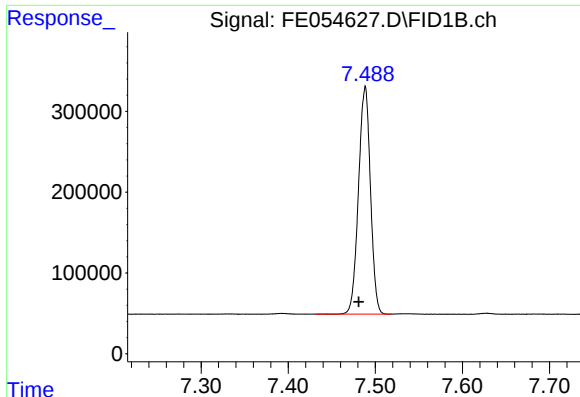
#3 A~Naphthalene (C11.7)

R.T.: 6.389 min
Delta R.T.: 0.006 min
Response: 2664859
Conc: 17.60 ug/ml



#4 n-Dodecane (C12)

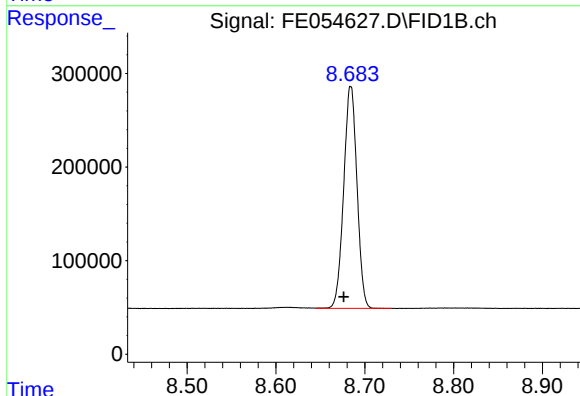
R.T.: 6.849 min
Delta R.T.: 0.007 min
Response: 2457103
Conc: 17.91 ug/ml



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

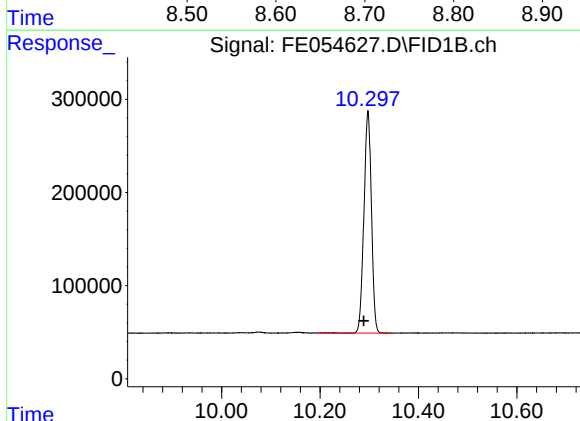
R.T.: 7.488 min
Delta R.T.: 0.007 min
Response: 2685987
Conc: 18.27 ug/ml

Instrument :
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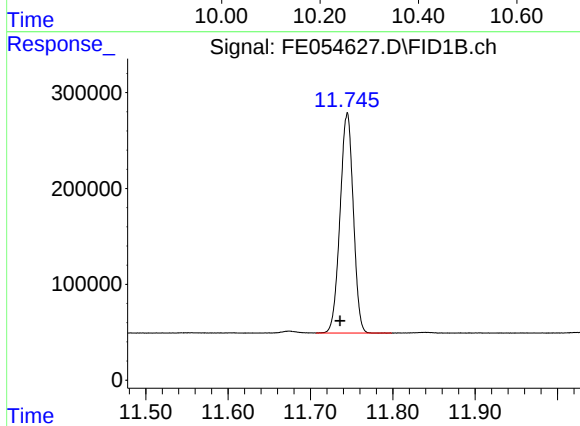
#6 n-Tetradecane (C14)

R.T.: 8.684 min
Delta R.T.: 0.008 min
Response: 2472485
Conc: 17.84 ug/ml



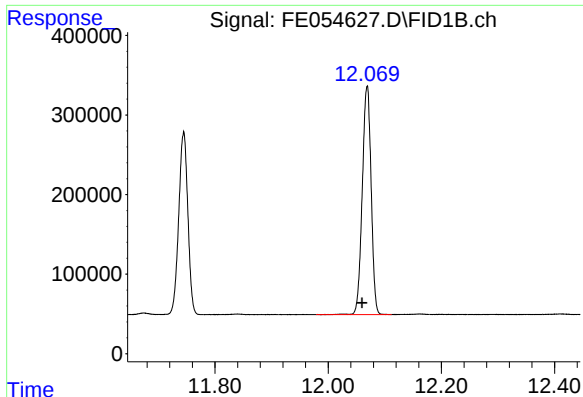
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: 0.008 min
Response: 2528514
Conc: 17.74 ug/ml



#8 n-Octadecane (C18)

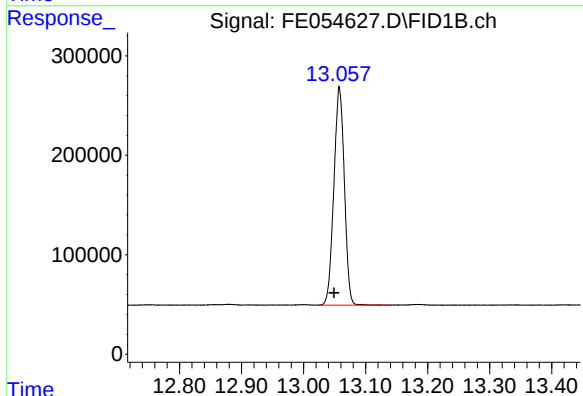
R.T.: 11.745 min
Delta R.T.: 0.009 min
Response: 2567986
Conc: 17.52 ug/ml



#9 ortho-Terphenyl (SURR)

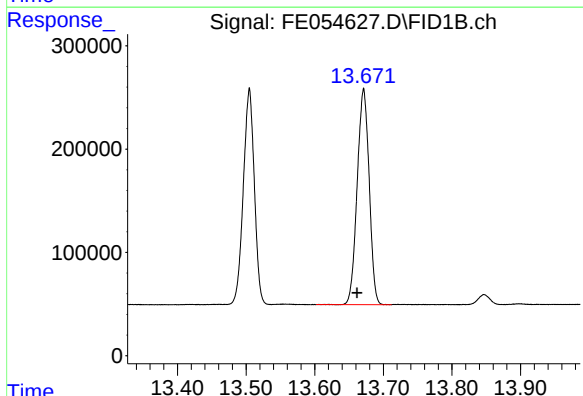
R.T.: 12.069 min
Delta R.T.: 0.009 min
Response: 3119751
Conc: 19.21 ug/ml

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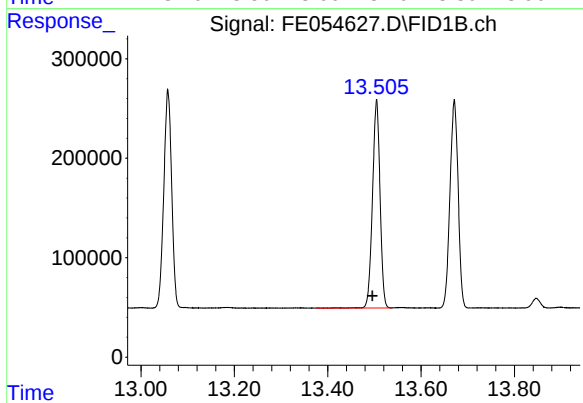
#10 n-Eicosane (C20)

R.T.: 13.058 min
Delta R.T.: 0.009 min
Response: 2577921
Conc: 17.93 ug/ml



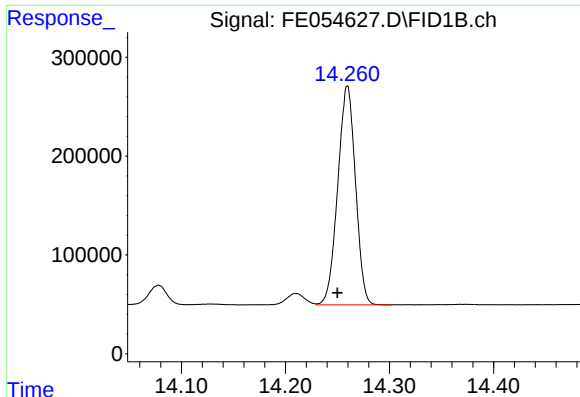
#11 n-Heneicosane (C21)

R.T.: 13.671 min
Delta R.T.: 0.010 min
Response: 2531887
Conc: 17.73 ug/ml



#12 1-chlorooctadecane (SURR)

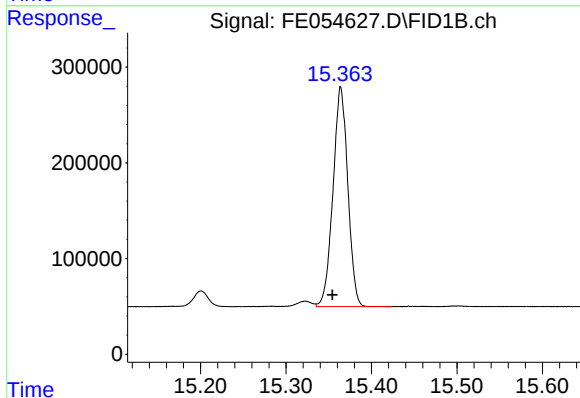
R.T.: 13.505 min
Delta R.T.: 0.009 min
Response: 2337271
Conc: 18.51 ug/ml



#13 n-Docosane (C22)

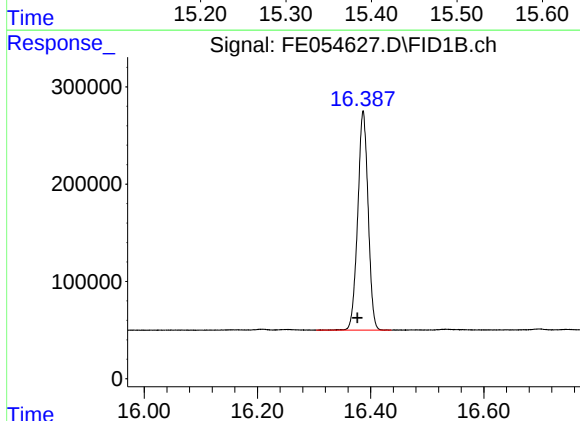
R.T.: 14.259 min
Delta R.T.: 0.010 min
Response: 2627322
Conc: 18.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



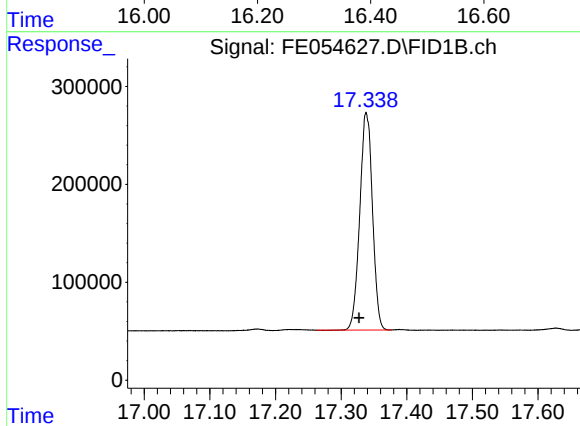
#14 n-Tetracosane (C24)

R.T.: 15.364 min
Delta R.T.: 0.010 min
Response: 2770451
Conc: 19.06 ug/ml



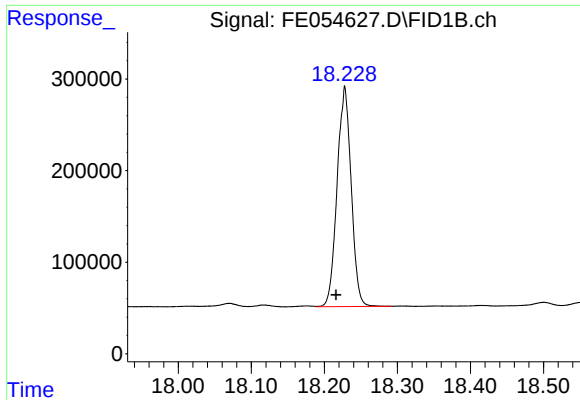
#15 n-Hexacosane (C26)

R.T.: 16.387 min
Delta R.T.: 0.010 min
Response: 2863124
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

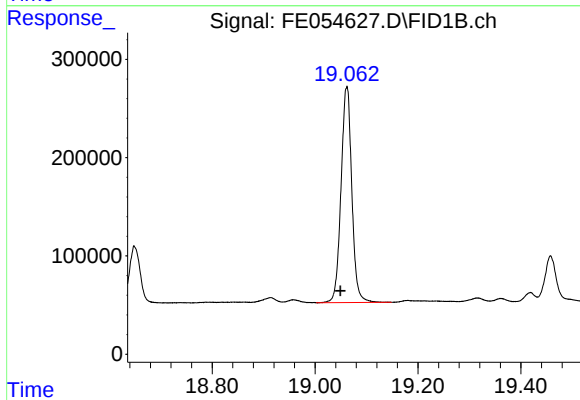
R.T.: 17.339 min
Delta R.T.: 0.011 min
Response: 2984323
Conc: 20.48 ug/ml



#17 n-Tricontane (C30)

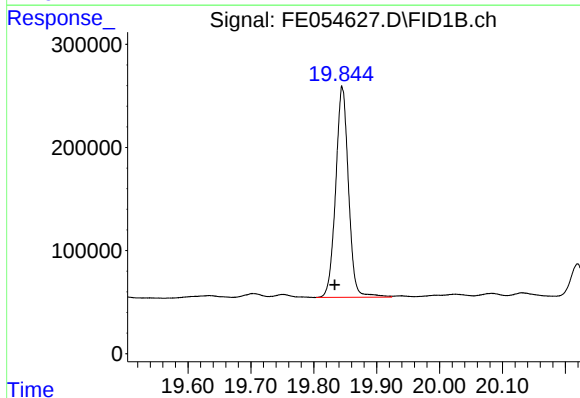
R.T.: 18.228 min
Delta R.T.: 0.012 min
Response: 3216138
Conc: 20.41 ug/ml

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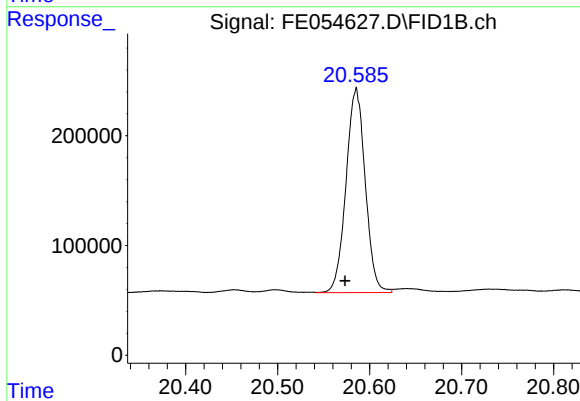
#18 n-Dotriacontane (C32)

R.T.: 19.062 min
Delta R.T.: 0.013 min
Response: 3196181
Conc: 19.76 ug/ml



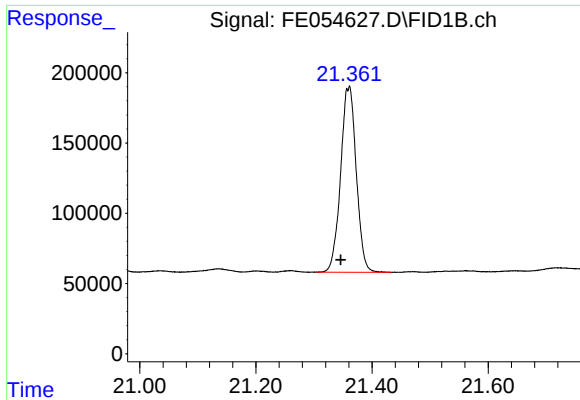
#19 n-Tetratriacontane (C34)

R.T.: 19.845 min
Delta R.T.: 0.012 min
Response: 2894935
Conc: 19.00 ug/ml



#20 n-Hexatriacontane (C36)

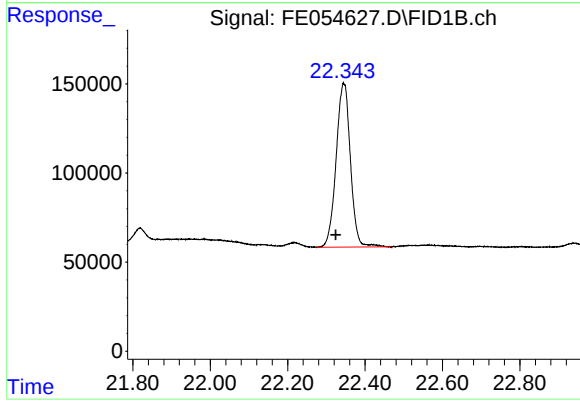
R.T.: 20.585 min
Delta R.T.: 0.012 min
Response: 2698151
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.360 min
Delta R.T.: 0.014 min
Response: 2474598
Conc: 21.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.345 min
Delta R.T.: 0.021 min
Response: 2358666
Conc: 21.76 ug/ml