

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123124AL\
 Data File : FE051826.D
 Signal(s) : FID1B.ch
 Acq On : 31 Dec 2024 11:28
 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: Dec 31 12:30:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 09:00:33 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)	12.108	2904938	19.179 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	13.539	2238577	19.243 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
Target Compounds			
1) T n-Nonane (C9)	3.514	2199161	18.960 ug/ml
2) T n-Decane (C10)	4.758	2293469	19.060 ug/ml
3) T A~Naphthalene (C11.7)	6.463	2663452	19.162 ug/ml
4) T n-Dodecane (C12)	6.912	2402614	19.123 ug/ml
5) T A~2-methylnaphthalene...	7.553	2626783	19.190 ug/ml
6) T n-Tetradecane (C14)	8.736	2471753	19.222 ug/ml
7) T n-Hexadecane (C16)	10.341	2622159	19.269 ug/ml
8) T n-Octadecane (C18)	11.783	2698266	19.270 ug/ml
10) T n-Eicosane (C20)	13.092	2616596	19.333 ug/ml
11) T n-Heneicosane (C21)	13.705	2559261	19.213 ug/ml
13) T n-Docosane (C22)	14.292	2577280	19.524 ug/ml
14) T n-Tetracosane (C24)	15.395	2615942	20.160 ug/ml
15) T n-Hexacosane (C26)	16.416	2592094	20.639 ug/ml
16) T n-Octacosane (C28)	17.366	2541704	21.054 ug/ml
17) T n-Tricontane (C30)	18.255	2559002	21.263 ug/ml
18) T n-Dotriacontane (C32)	19.086	2411343	21.070 ug/ml
19) T n-Tetratriacontane (C34)	19.869	2061013	20.435 ug/ml
20) T n-Hexatriacontane (C36)	20.608	1790751	20.091 ug/ml
21) T n-Octatriacontane (C38)	21.389	1872343	21.807 ug/ml
22) T n-Tetracontane (C40)	22.381	1726896	19.580 ug/ml

(f)=RT Delta > 1/2 Window

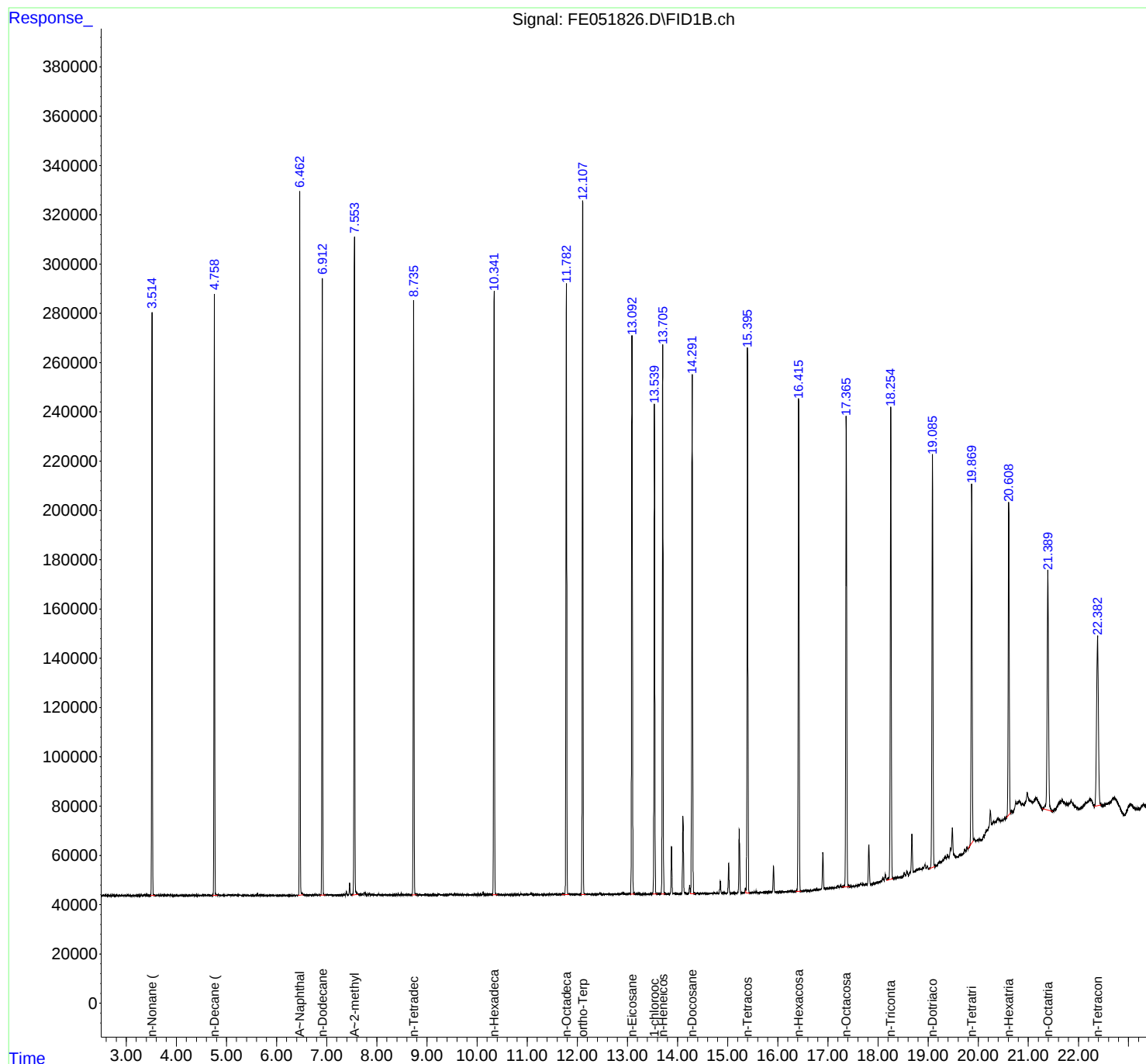
(m)=manual int.

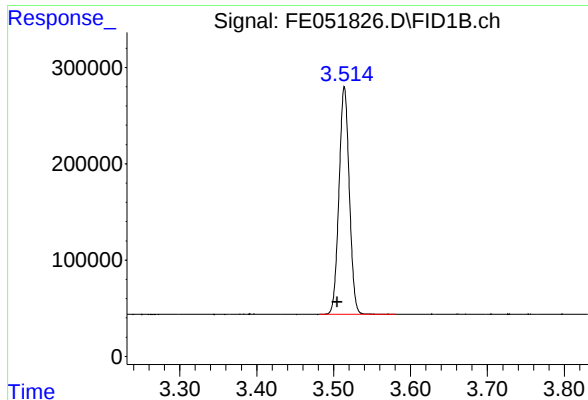
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123124AL\
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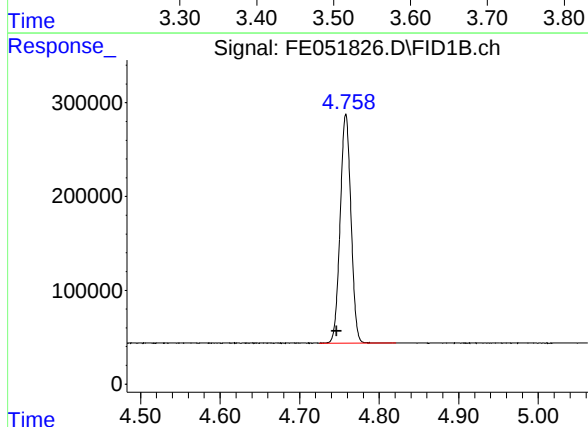




#1 n-Nonane (C9)

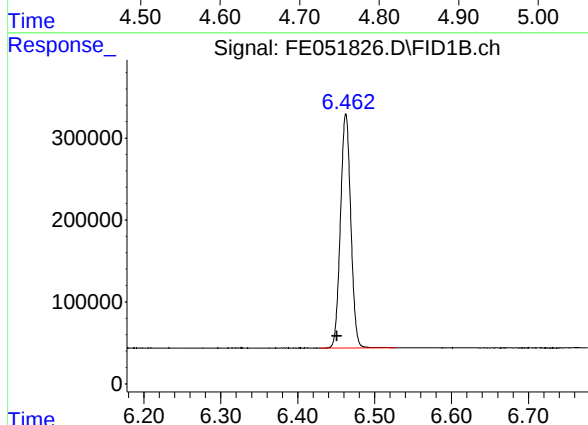
R.T.: 3.514 min
Delta R.T.: 0.009 min
Response: 2199161
Conc: 18.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



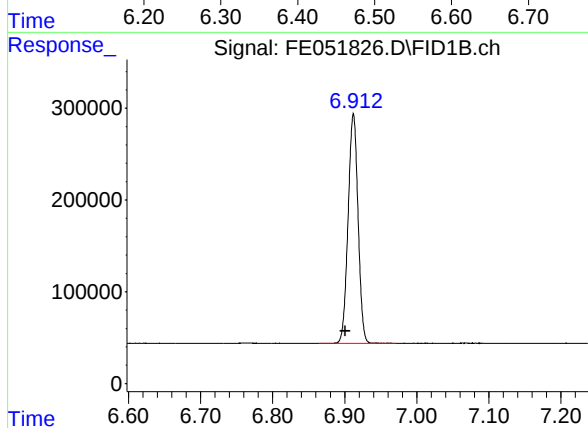
#2 n-Decane (C10)

R.T.: 4.758 min
Delta R.T.: 0.012 min
Response: 2293469
Conc: 19.06 ug/ml



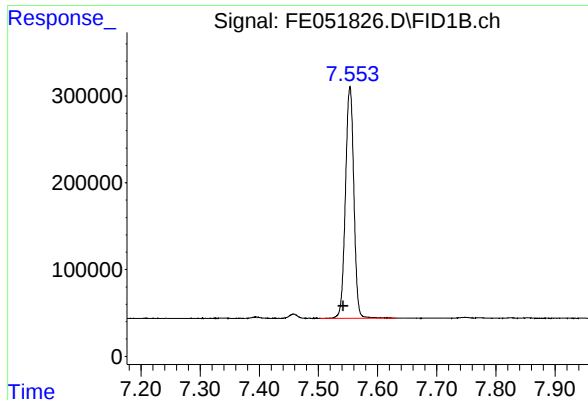
#3 A~Naphthalene (C11.7)

R.T.: 6.463 min
Delta R.T.: 0.011 min
Response: 2663452
Conc: 19.16 ug/ml



#4 n-Dodecane (C12)

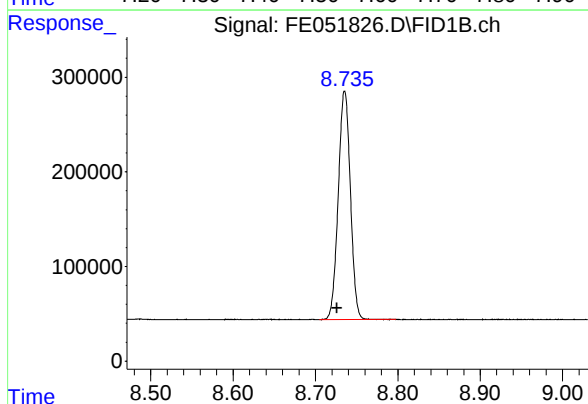
R.T.: 6.912 min
Delta R.T.: 0.011 min
Response: 2402614
Conc: 19.12 ug/ml



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

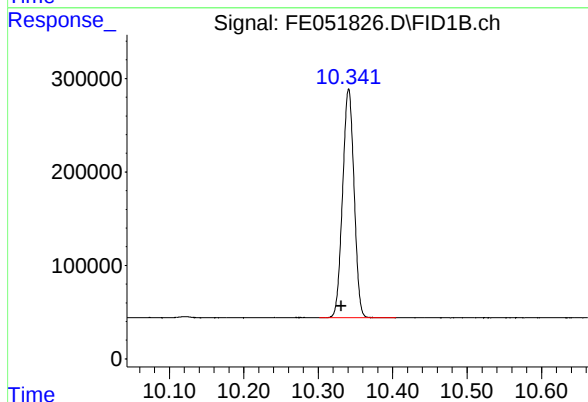
R.T.: 7.553 min
Delta R.T.: 0.011 min
Response: 2626783
Conc: 19.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



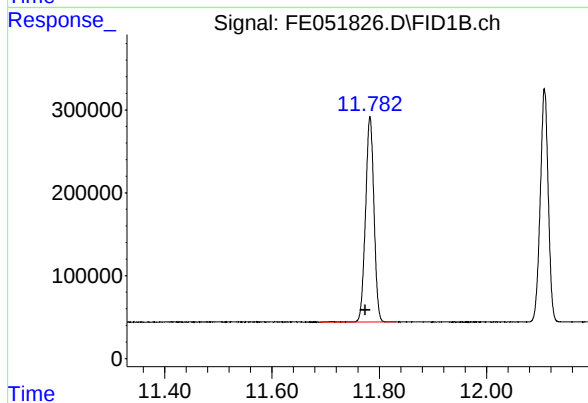
#6 n-Tetradecane (C14)

R.T.: 8.736 min
Delta R.T.: 0.009 min
Response: 2471753
Conc: 19.22 ug/ml



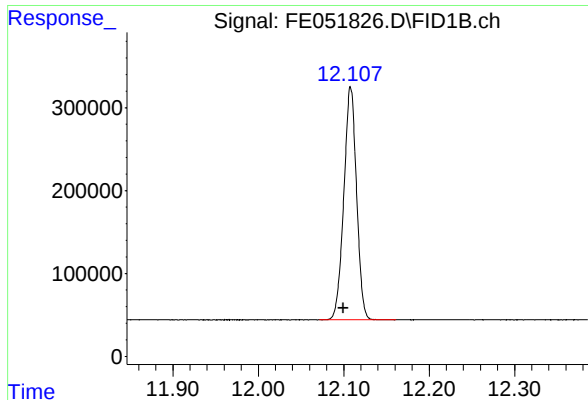
#7 n-Hexadecane (C16)

R.T.: 10.341 min
Delta R.T.: 0.009 min
Response: 2622159
Conc: 19.27 ug/ml



#8 n-Octadecane (C18)

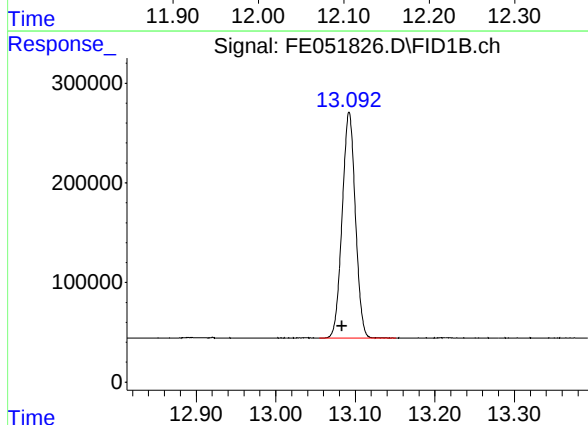
R.T.: 11.783 min
Delta R.T.: 0.009 min
Response: 2698266
Conc: 19.27 ug/ml



#9 ortho-Terphenyl (SURR)

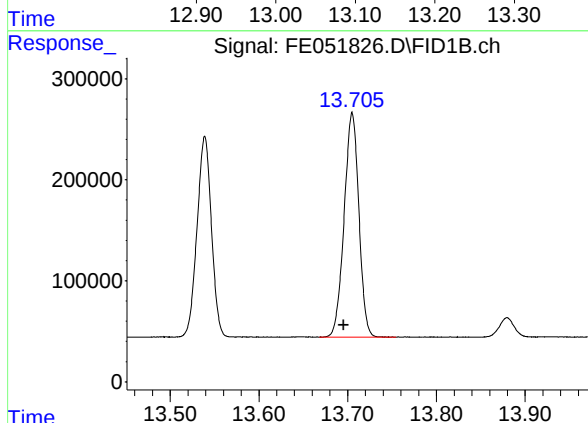
R.T.: 12.108 min
Delta R.T.: 0.009 min
Response: 2904938
Conc: 19.18 ug/ml

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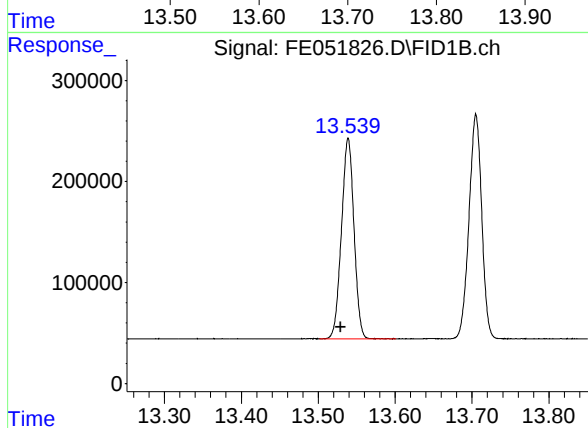
#10 n-Eicosane (C20)

R.T.: 13.092 min
Delta R.T.: 0.009 min
Response: 2616596
Conc: 19.33 ug/ml



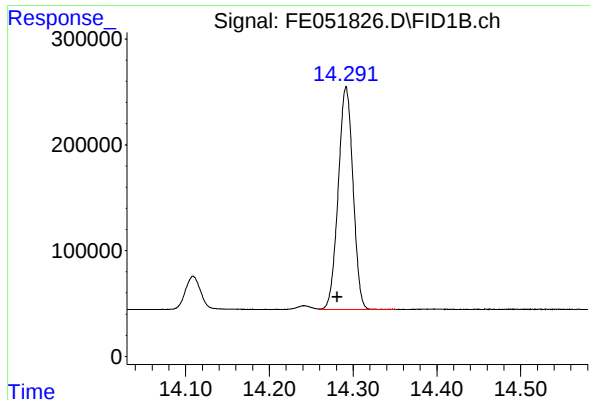
#11 n-Heneicosane (C21)

R.T.: 13.705 min
Delta R.T.: 0.010 min
Response: 2559261
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

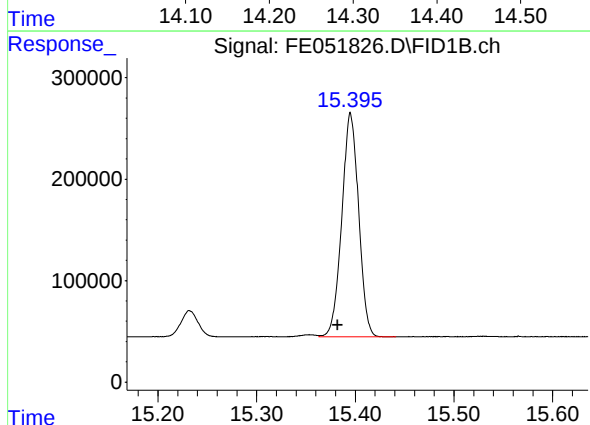
R.T.: 13.539 min
Delta R.T.: 0.010 min
Response: 2238577
Conc: 19.24 ug/ml



#13 n-Docosane (C22)

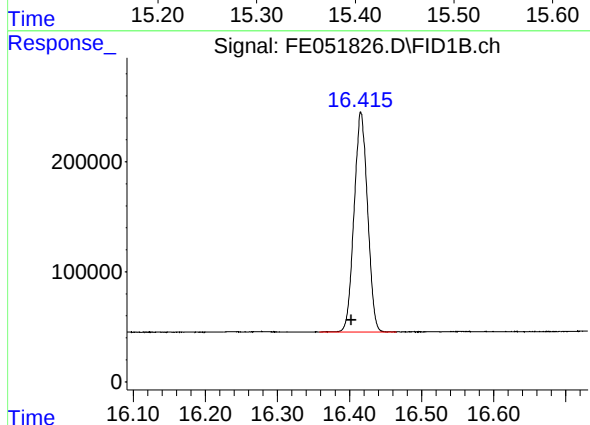
R.T.: 14.292 min
Delta R.T.: 0.011 min
Response: 2577280
Conc: 19.52 ug/ml

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20 PPM ALIPHATIC HC STD



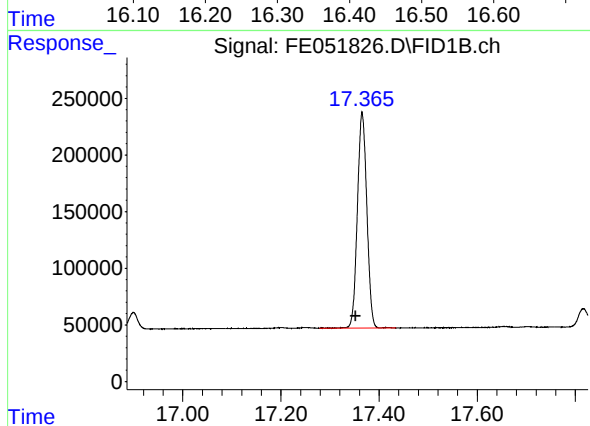
#14 n-Tetracosane (C24)

R.T.: 15.395 min
Delta R.T.: 0.013 min
Response: 2615942
Conc: 20.16 ug/ml



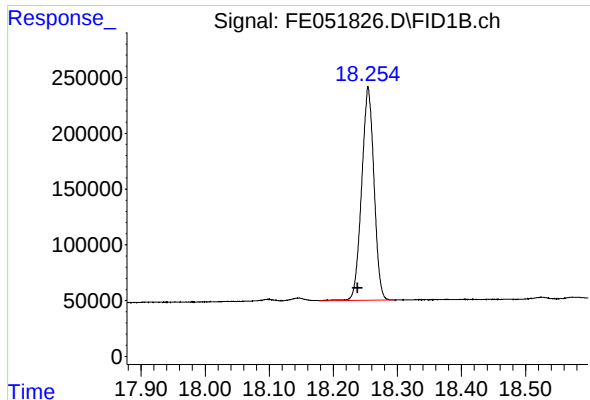
#15 n-Hexacosane (C26)

R.T.: 16.416 min
Delta R.T.: 0.014 min
Response: 2592094
Conc: 20.64 ug/ml



#16 n-Octacosane (C28)

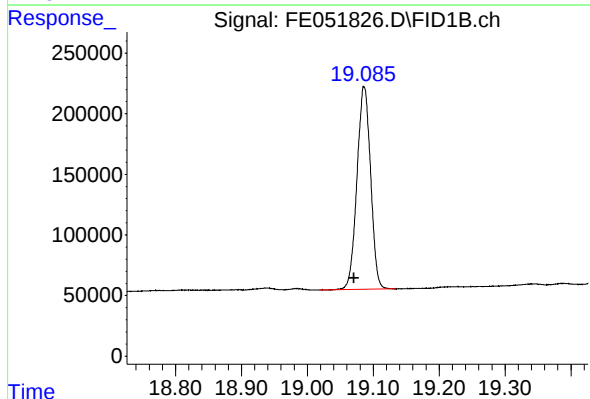
R.T.: 17.366 min
Delta R.T.: 0.013 min
Response: 2541704
Conc: 21.05 ug/ml



#17 n-Tricontane (C30)

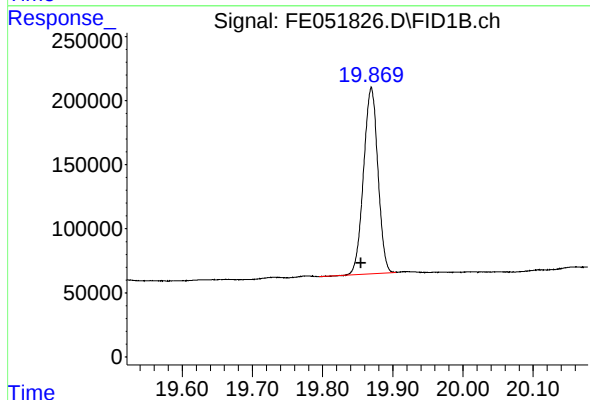
R.T.: 18.255 min
Delta R.T.: 0.016 min
Response: 2559002
Conc: 21.26 ug/ml

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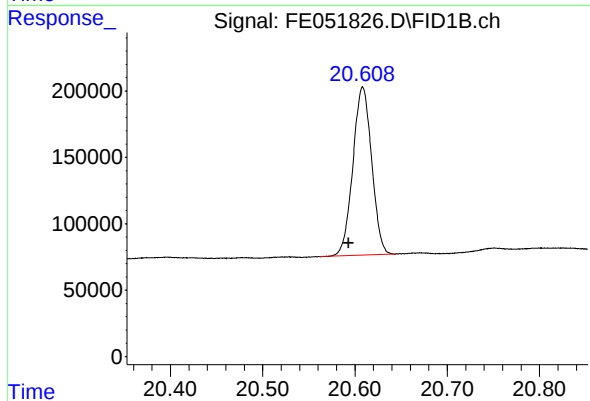
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.015 min
Response: 2411343
Conc: 21.07 ug/ml



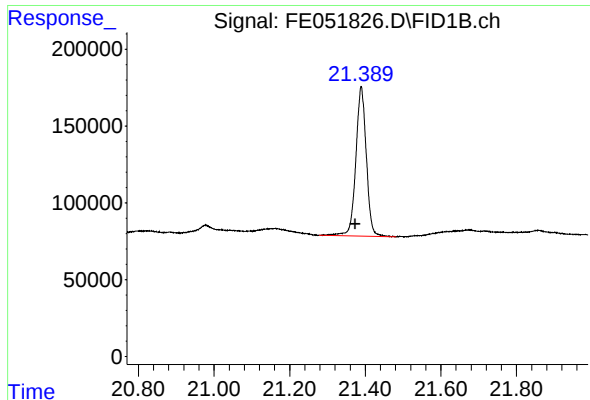
#19 n-Tetatriacontane (C34)

R.T.: 19.869 min
Delta R.T.: 0.015 min
Response: 2061013
Conc: 20.43 ug/ml



#20 n-Hexatriacontane (C36)

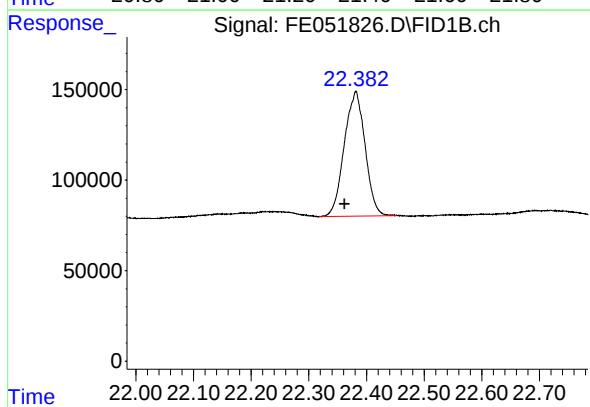
R.T.: 20.608 min
Delta R.T.: 0.015 min
Response: 1790751
Conc: 20.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.016 min
Response: 1872343
Conc: 21.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: 0.019 min
Response: 1726896
Conc: 19.58 ug/ml