

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060524AL\
 Data File : FE048564.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jun 2024 12:12
 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: Jun 06 01:35:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.943	2778687	19.351 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
12) S 1-chlorooctadecane (S...	13.377	2105266	19.325 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
Target Compounds			
1) T n-Nonane (C9)	3.333	2778001	18.581 ug/ml
2) T n-Decane (C10)	4.582	2876728	19.051 ug/ml
3) T A~Naphthalene (C11.7)	6.287	2826486	18.983 ug/ml
4) T n-Dodecane (C12)	6.747	2820120	19.051 ug/ml
5) T A~2-methylnaphthalene...	7.383	2659585	19.181 ug/ml
6) T n-Tetradecane (C14)	8.575	2707048	19.086 ug/ml
7) T n-Hexadecane (C16)	10.182	2693117	19.103 ug/ml
8) T n-Octadecane (C18)	11.624	2672923	19.245 ug/ml
10) T n-Eicosane (C20)	12.932	2565510	19.386 ug/ml
11) T n-Heneicosane (C21)	13.544	2507973	19.362 ug/ml
13) T n-Docosane (C22)	14.130	2538834	19.702 ug/ml
14) T n-Tetracosane (C24)	15.233	2650803	20.462 ug/ml
15) T n-Hexacosane (C26)	16.251	2693430	20.782 ug/ml
16) T n-Octacosane (C28)	17.201	2811281	21.750 ug/ml
17) T n-Tricontane (C30)	18.088	3017724	22.527 ug/ml
18) T n-Dotriacontane (C32)	18.920	3077388	22.671 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2904857	21.234 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2806432	20.645 ug/ml
21) T n-Octatriacontane (C38)	21.179	2696041	19.770 ug/ml
22) T n-Tetracontane (C40)	22.096	2590666	18.921 ug/ml

(f)=RT Delta > 1/2 Window

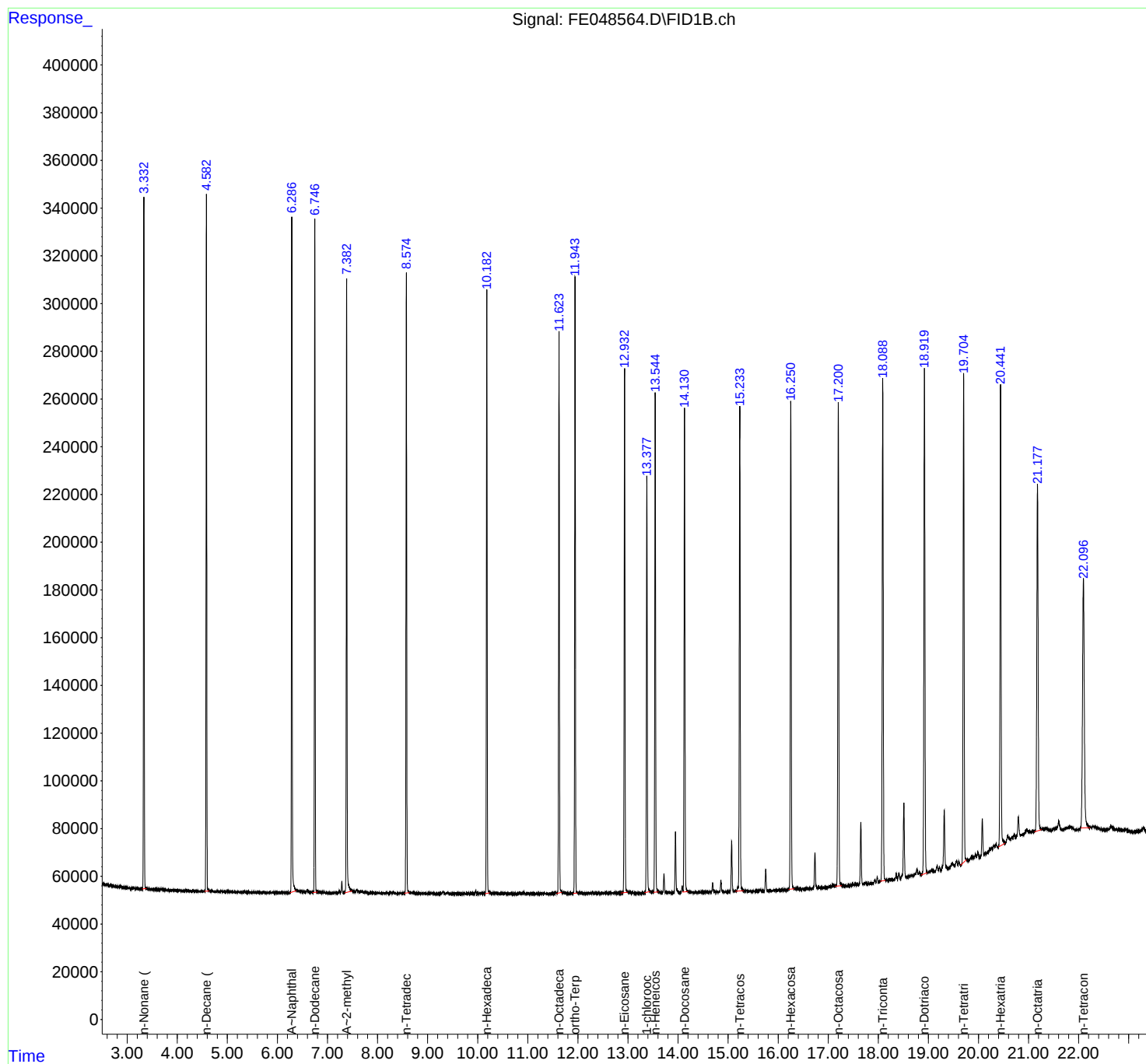
(m)=manual int.

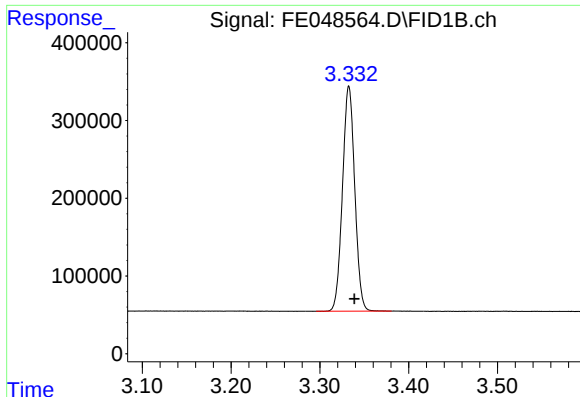
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060524AL\
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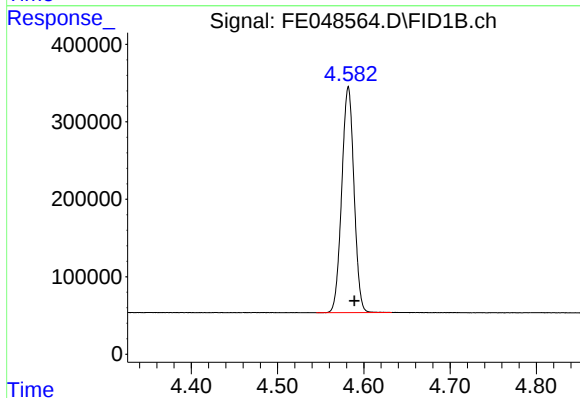




#1 n-Nonane (C9)

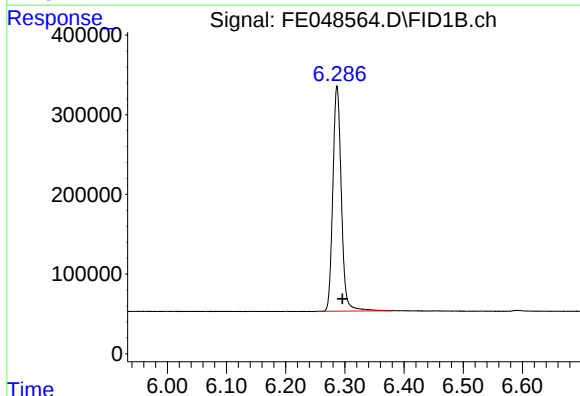
R.T.: 3.333 min
Delta R.T.: -0.006 min
Response: 2778001
Conc: 18.58 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



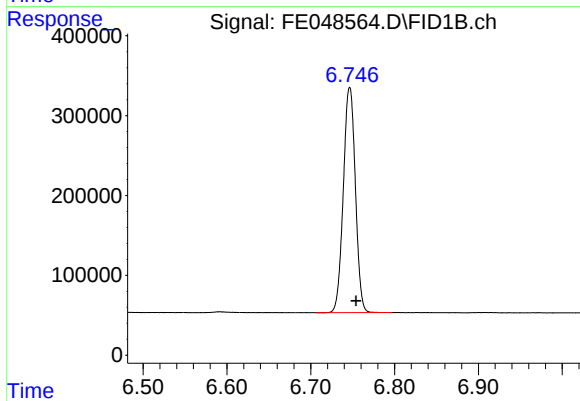
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.007 min
Response: 2876728
Conc: 19.05 ug/ml



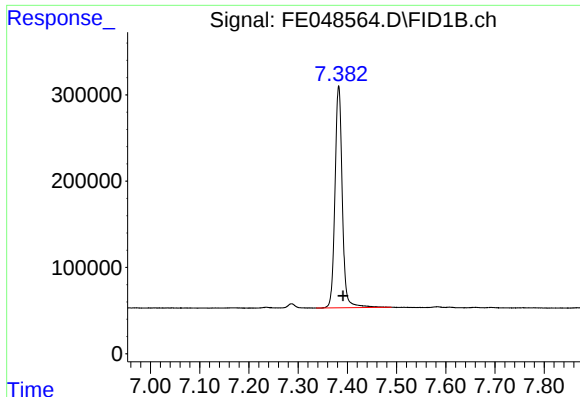
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.009 min
Response: 2826486
Conc: 18.98 ug/ml



#4 n-Dodecane (C12)

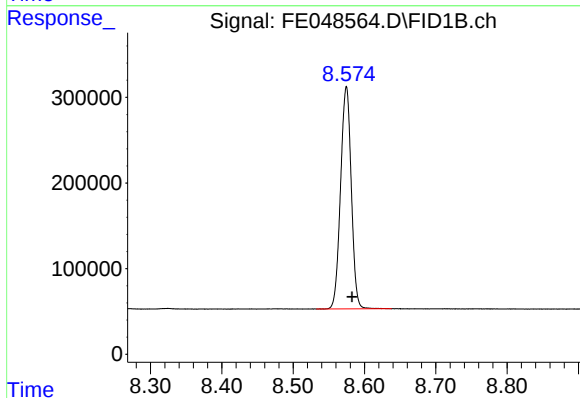
R.T.: 6.747 min
Delta R.T.: -0.008 min
Response: 2820120
Conc: 19.05 ug/ml



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

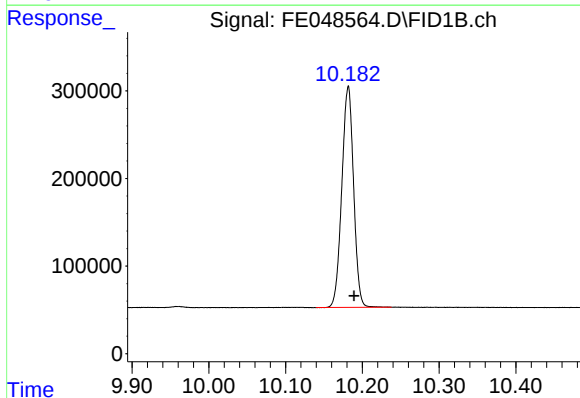
R.T.: 7.383 min
Delta R.T.: -0.009 min
Response: 2659585
Conc: 19.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



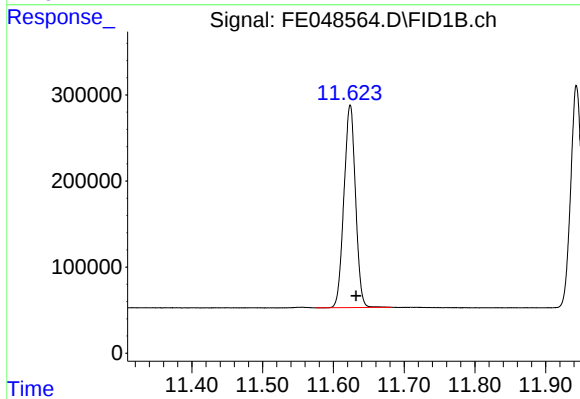
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.008 min
Response: 2707048
Conc: 19.09 ug/ml



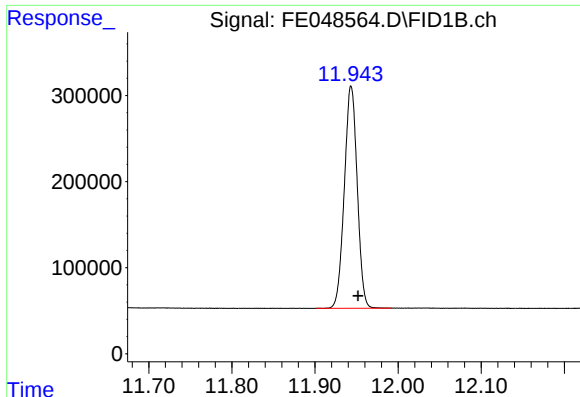
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.007 min
Response: 2693117
Conc: 19.10 ug/ml



#8 n-Octadecane (C18)

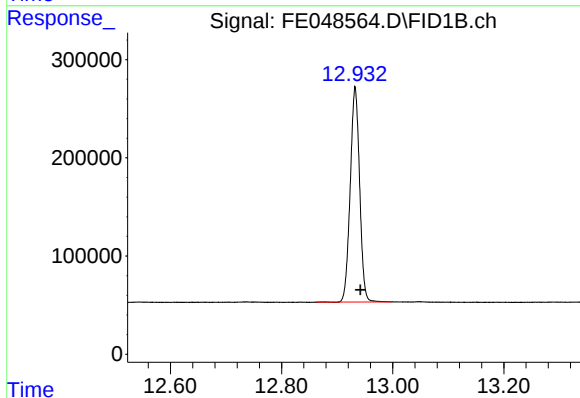
R.T.: 11.624 min
Delta R.T.: -0.008 min
Response: 2672923
Conc: 19.25 ug/ml



#9 ortho-Terphenyl (SURR)

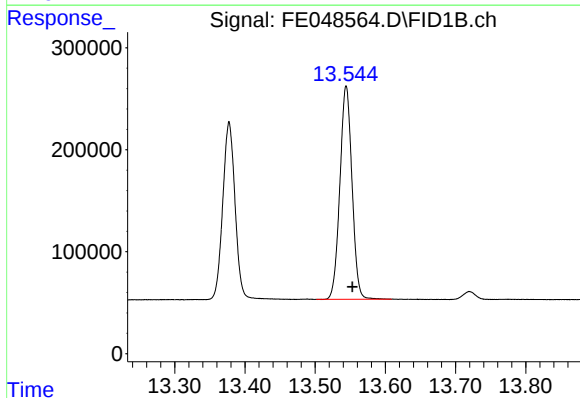
R.T.: 11.943 min
Delta R.T.: -0.009 min
Response: 2778687
Conc: 19.35 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



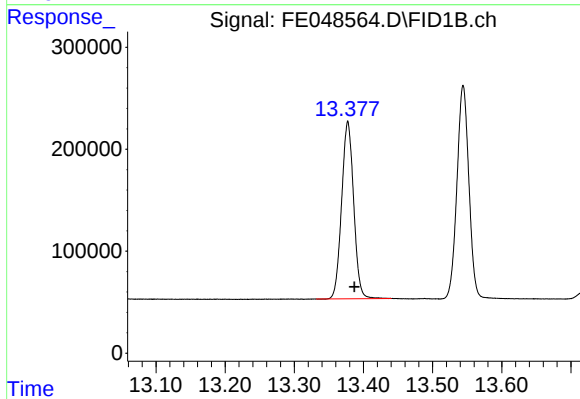
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.009 min
Response: 2565510
Conc: 19.39 ug/ml



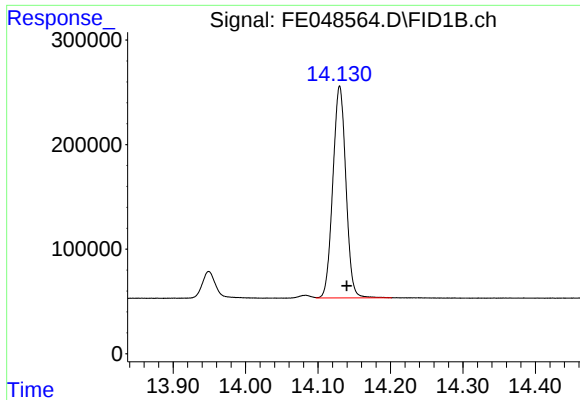
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.009 min
Response: 2507973
Conc: 19.36 ug/ml



#12 1-chlorooctadecane (SURR)

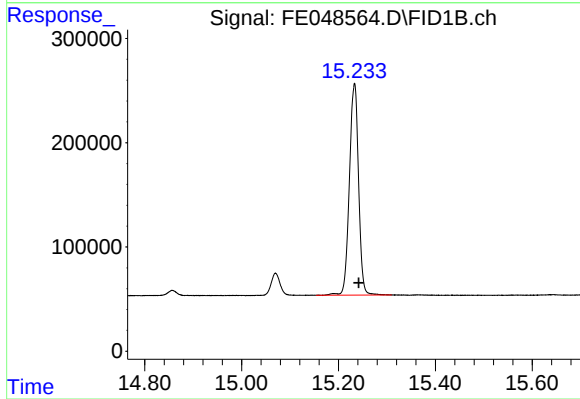
R.T.: 13.377 min
Delta R.T.: -0.009 min
Response: 2105266
Conc: 19.32 ug/ml



#13 n-Docosane (C22)

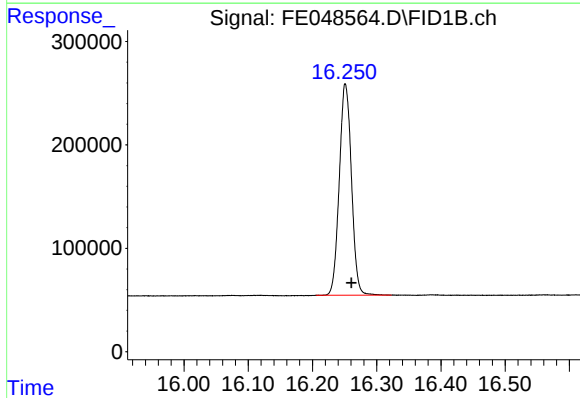
R.T.: 14.130 min
Delta R.T.: -0.010 min
Response: 2538834
Conc: 19.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



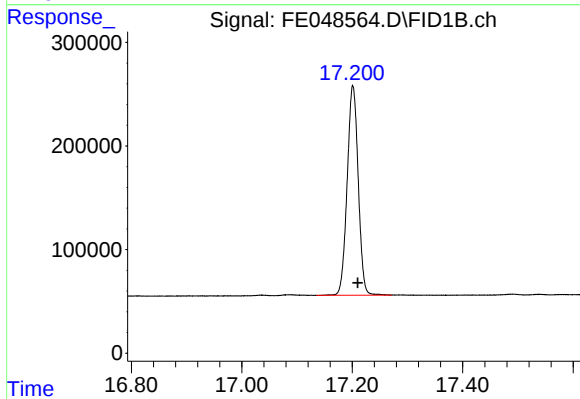
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.009 min
Response: 2650803
Conc: 20.46 ug/ml



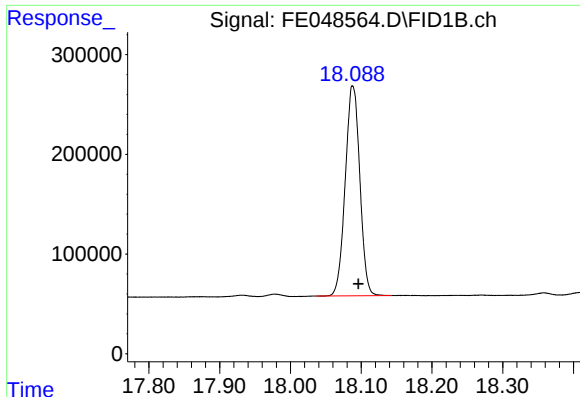
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.009 min
Response: 2693430
Conc: 20.78 ug/ml



#16 n-Octacosane (C28)

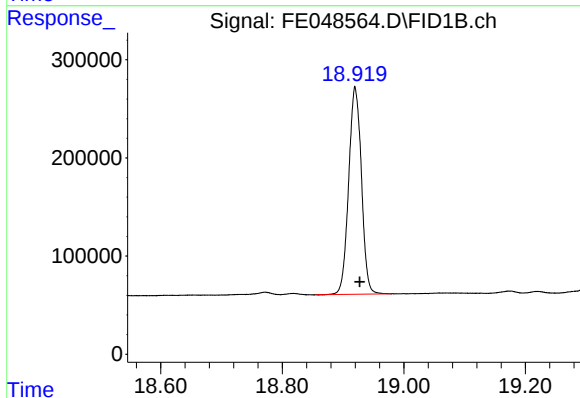
R.T.: 17.201 min
Delta R.T.: -0.009 min
Response: 2811281
Conc: 21.75 ug/ml



#17 n-Tricontane (C30)

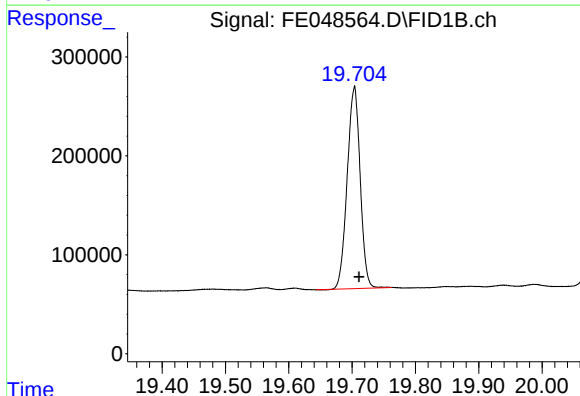
R.T.: 18.088 min
Delta R.T.: -0.008 min
Response: 3017724
Conc: 22.53 ug/ml

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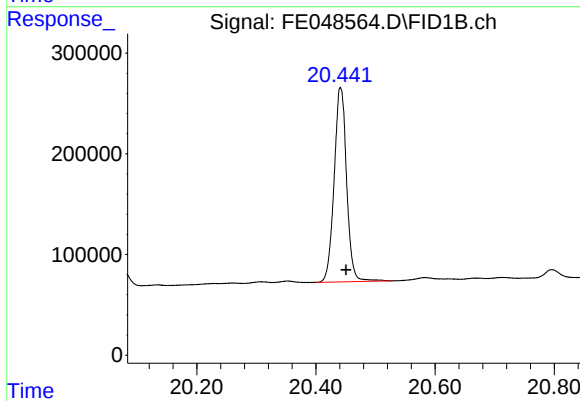
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.008 min
Response: 3077388
Conc: 22.67 ug/ml



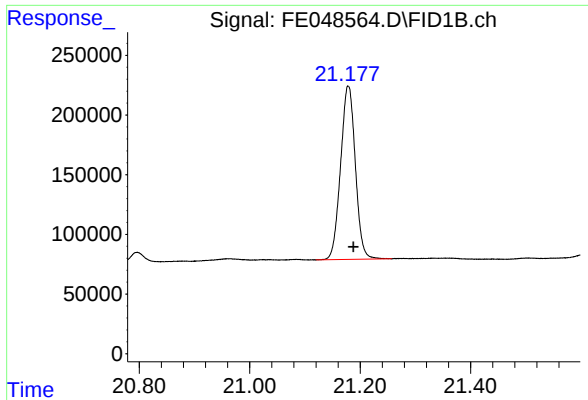
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.007 min
Response: 2904857
Conc: 21.23 ug/ml



#20 n-Hexatriacontane (C36)

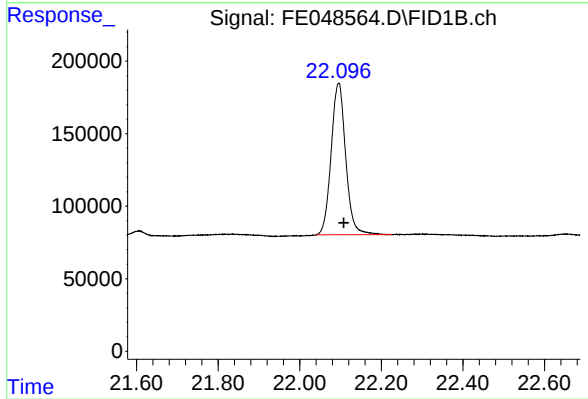
R.T.: 20.441 min
Delta R.T.: -0.009 min
Response: 2806432
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.009 min
Response: 2696041
Conc: 19.77 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.012 min
Response: 2590666
Conc: 18.92 ug/ml