

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041825AL\
 Data File : FE053404.D
 Signal(s) : FID1B.ch
 Acq On : 17 Apr 2025 19:43
 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 18 02:21:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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)	11.879	3393429	18.815 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
12) S 1-chlorooctadecane (S...	13.324	2520827	18.649 ug/ml
Spiked Amount 50.000		Recovery =	37.30%
Target Compounds			
1) T n-Nonane (C9)	3.226	2657683	19.385 ug/ml
2) T n-Decane (C10)	4.487	2685639	19.414 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2968752	19.668 ug/ml
4) T n-Dodecane (C12)	6.667	2723822	19.421 ug/ml
5) T A~2-methylnaphthalene...	7.301	2952065	19.772 ug/ml
6) T n-Tetradecane (C14)	8.503	2710233	19.319 ug/ml
7) T n-Hexadecane (C16)	10.116	2727372	19.030 ug/ml
8) T n-Octadecane (C18)	11.564	2739275	18.796 ug/ml
10) T n-Eicosane (C20)	12.878	2708939	18.617 ug/ml
11) T n-Heneicosane (C21)	13.492	2707008	18.689 ug/ml
13) T n-Docosane (C22)	14.080	2662785	18.453 ug/ml
14) T n-Tetracosane (C24)	15.186	2629670	18.307 ug/ml
15) T n-Hexacosane (C26)	16.210	2566737	18.123 ug/ml
16) T n-Octacosane (C28)	17.162	2513677	18.068 ug/ml
17) T n-Tricontane (C30)	18.052	2539460	18.244 ug/ml
18) T n-Dotriacontane (C32)	18.885	2579112	18.783 ug/ml
19) T n-Tetratriacontane (C34)	19.670	2521123	19.350 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2619363	20.748 ug/ml
21) T n-Octatriacontane (C38)	21.149	2538868	20.839 ug/ml
22) T n-Tetracontane (C40)	22.055	2817805	23.596 ug/ml

(f)=RT Delta > 1/2 Window

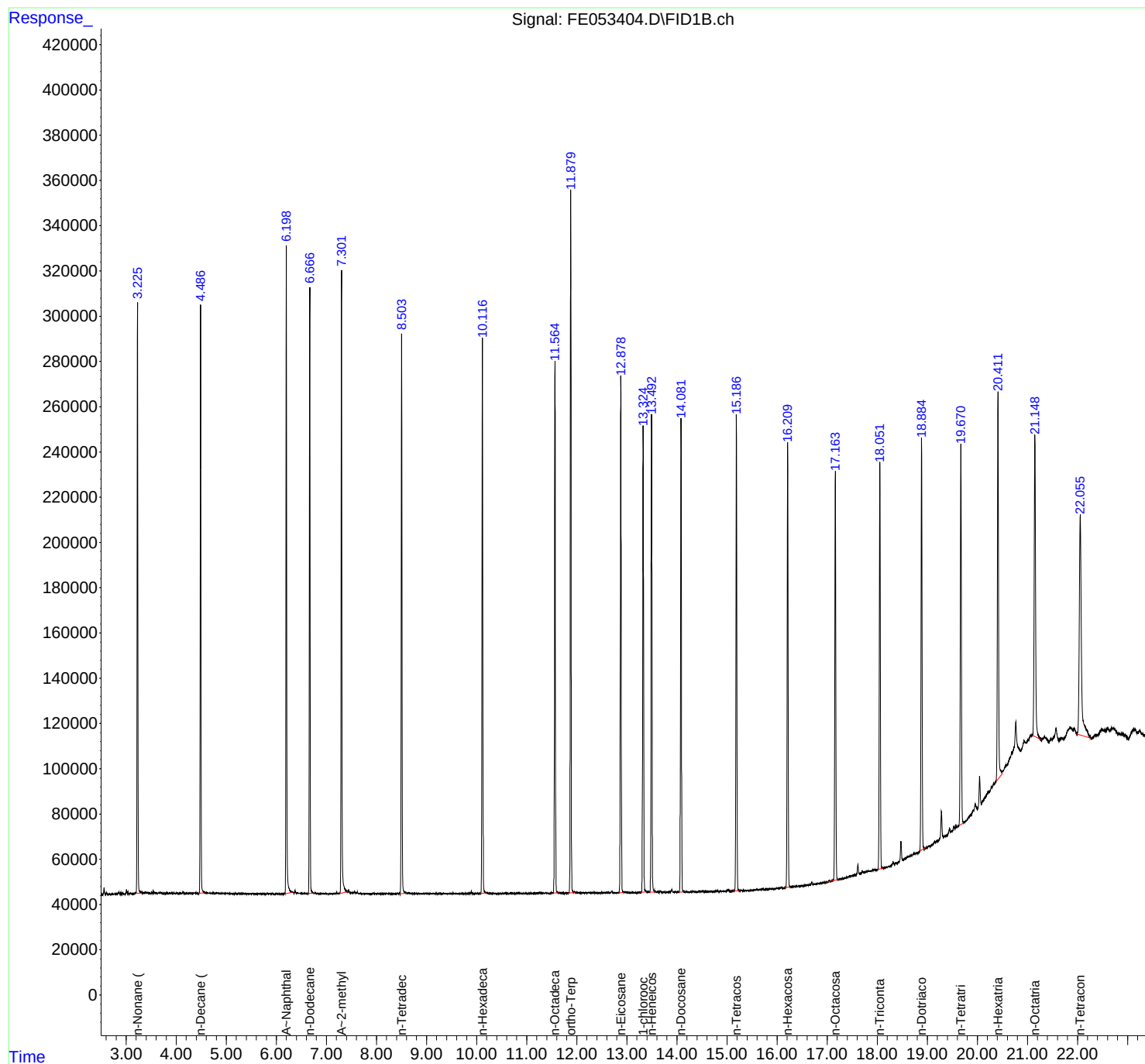
(m)=manual int.

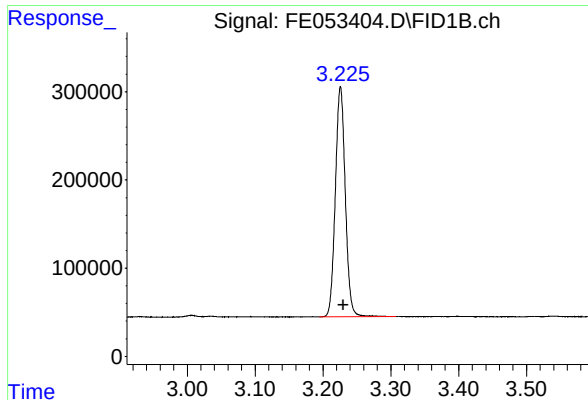
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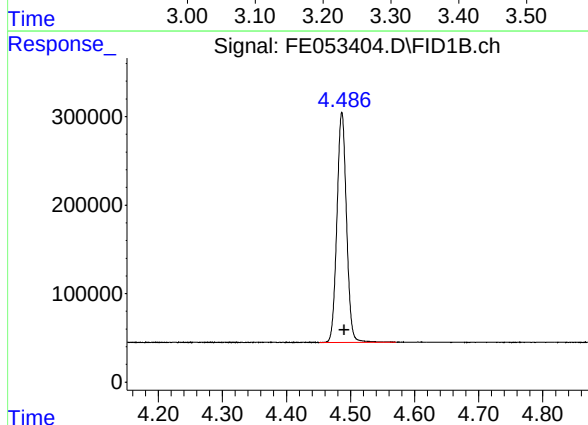




#1 n-Nonane (C9)

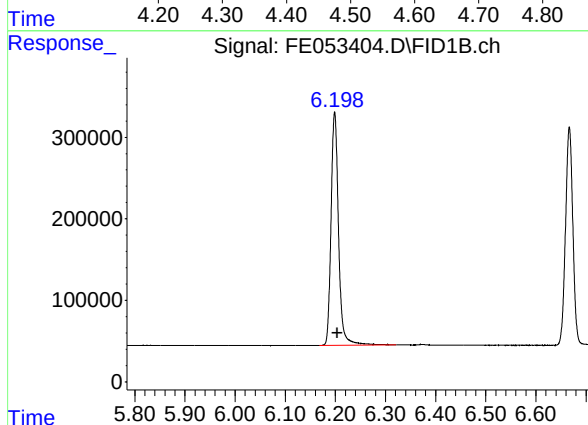
R.T.: 3.226 min
Delta R.T.: -0.004 min
Response: 2657683
Conc: 19.38 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



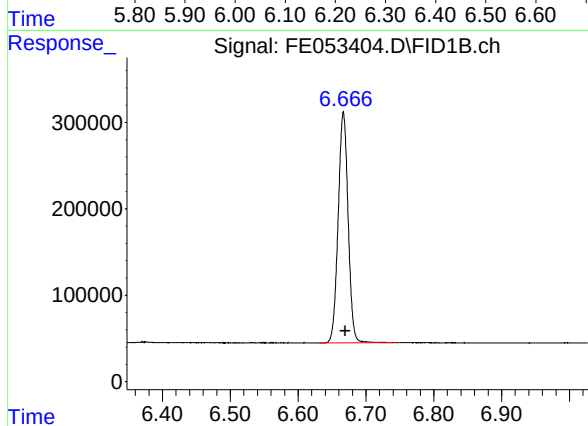
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.004 min
Response: 2685639
Conc: 19.41 ug/ml



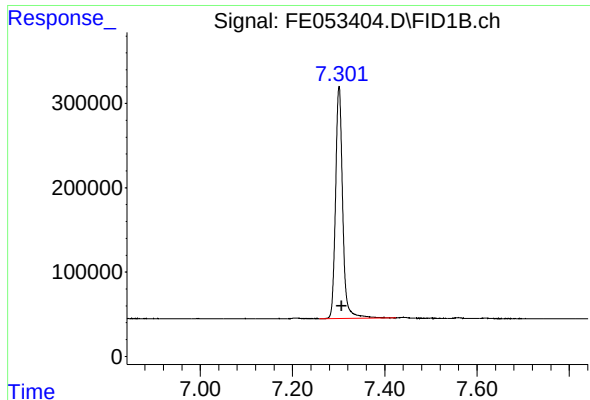
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 2968752
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

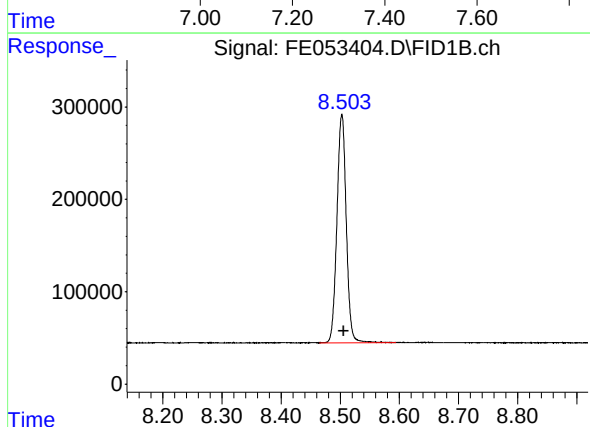
R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 2723822
Conc: 19.42 ug/ml



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

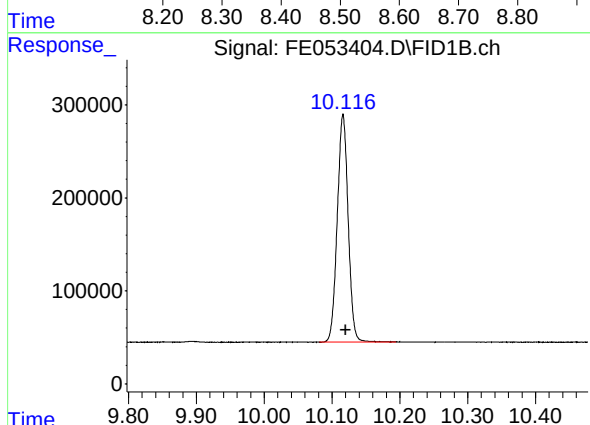
R.T.: 7.301 min
Delta R.T.: -0.005 min
Response: 2952065
Conc: 19.77 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



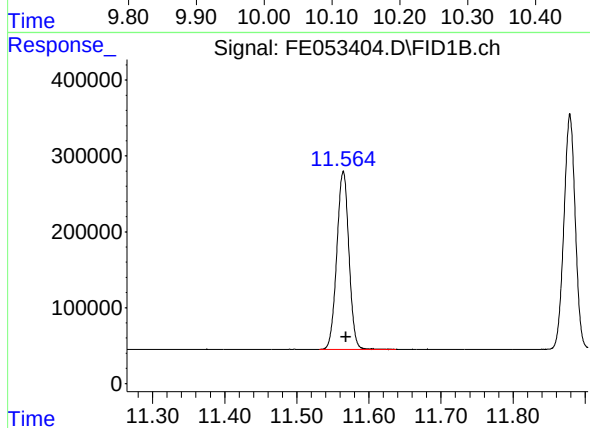
#6 n-Tetradecane (C14)

R.T.: 8.503 min
Delta R.T.: -0.003 min
Response: 2710233
Conc: 19.32 ug/ml



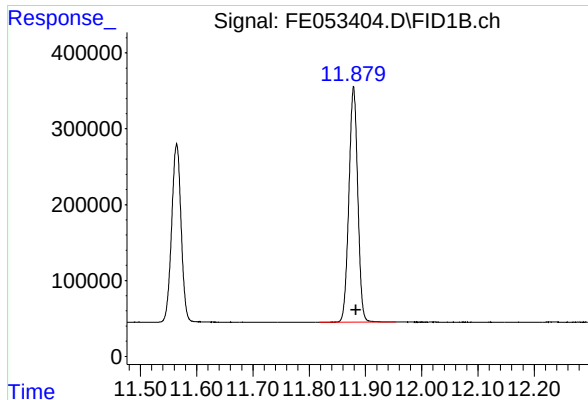
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: -0.004 min
Response: 2727372
Conc: 19.03 ug/ml



#8 n-Octadecane (C18)

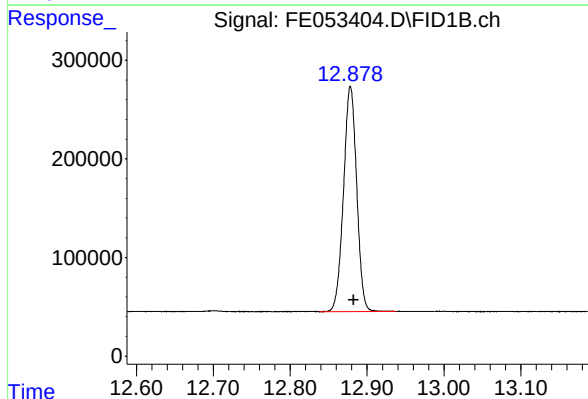
R.T.: 11.564 min
Delta R.T.: -0.004 min
Response: 2739275
Conc: 18.80 ug/ml



#9 ortho-Terphenyl (SURR)

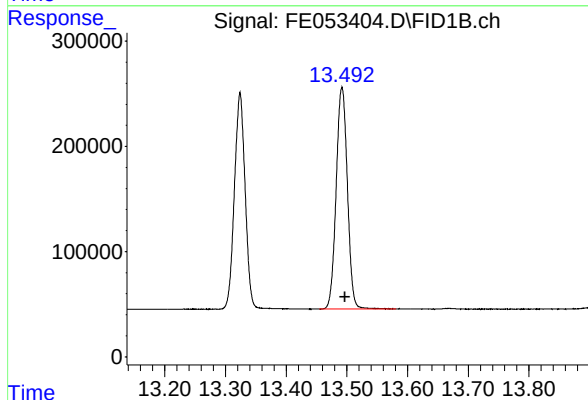
R.T.: 11.879 min
Delta R.T.: -0.004 min
Response: 3393429
Conc: 18.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



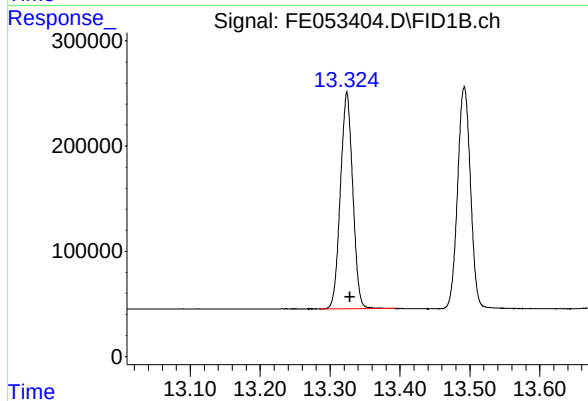
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: -0.004 min
Response: 2708939
Conc: 18.62 ug/ml



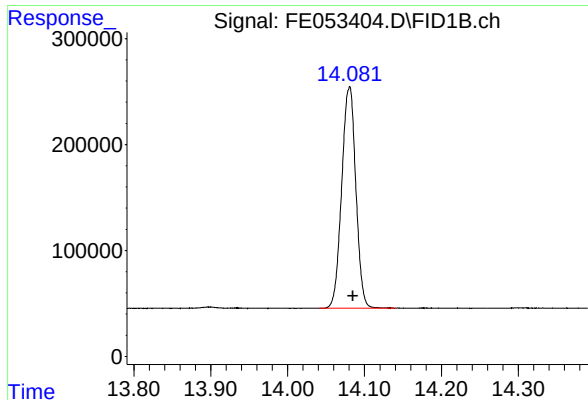
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: -0.005 min
Response: 2707008
Conc: 18.69 ug/ml



#12 1-chlorooctadecane (SURR)

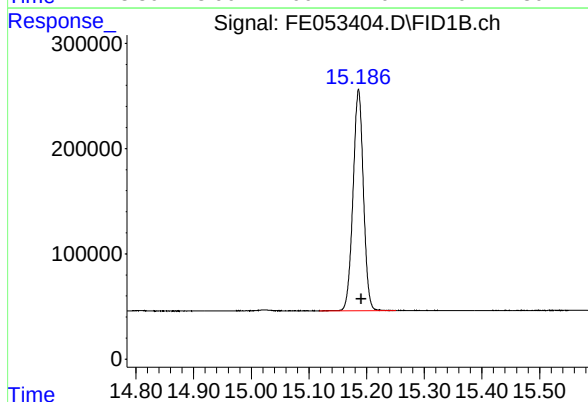
R.T.: 13.324 min
Delta R.T.: -0.005 min
Response: 2520827
Conc: 18.65 ug/ml



#13 n-Docosane (C22)

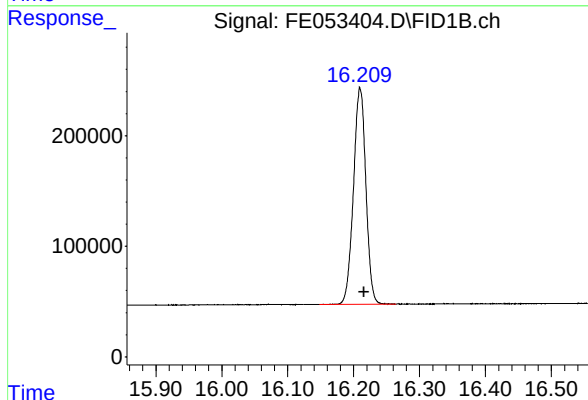
R.T.: 14.080 min
Delta R.T.: -0.005 min
Response: 2662785
Conc: 18.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



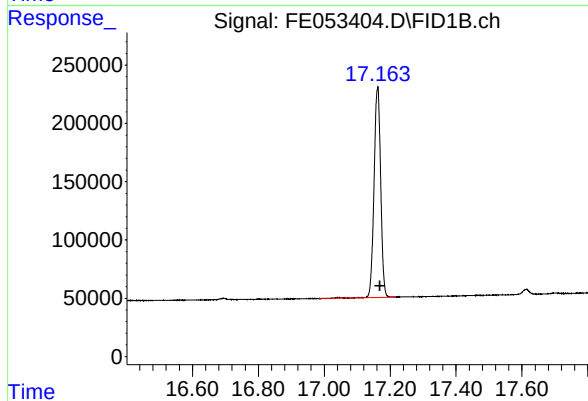
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.005 min
Response: 2629670
Conc: 18.31 ug/ml



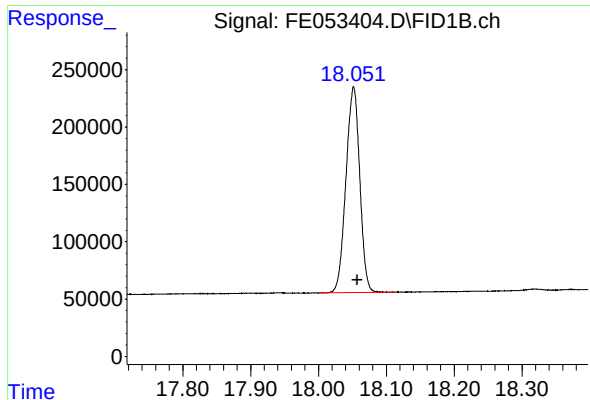
#15 n-Hexacosane (C26)

R.T.: 16.210 min
Delta R.T.: -0.006 min
Response: 2566737
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

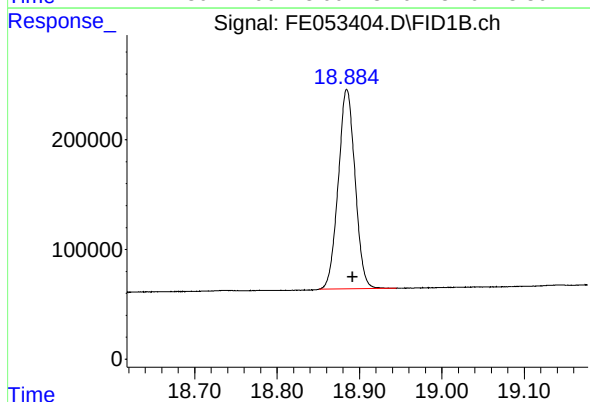
R.T.: 17.162 min
Delta R.T.: -0.007 min
Response: 2513677
Conc: 18.07 ug/ml



#17 n-Tricontane (C30)

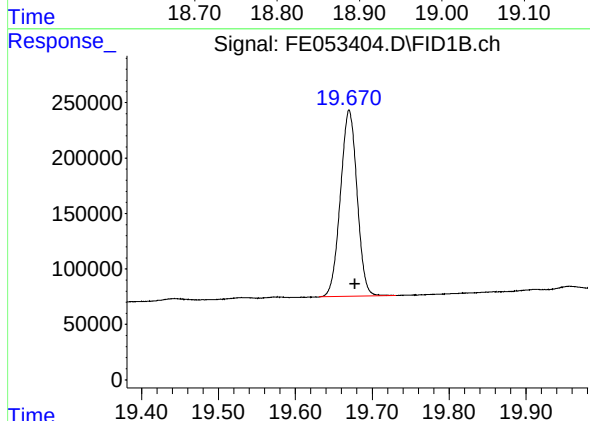
R.T.: 18.052 min
Delta R.T.: -0.005 min
Response: 2539460
Conc: 18.24 ug/ml

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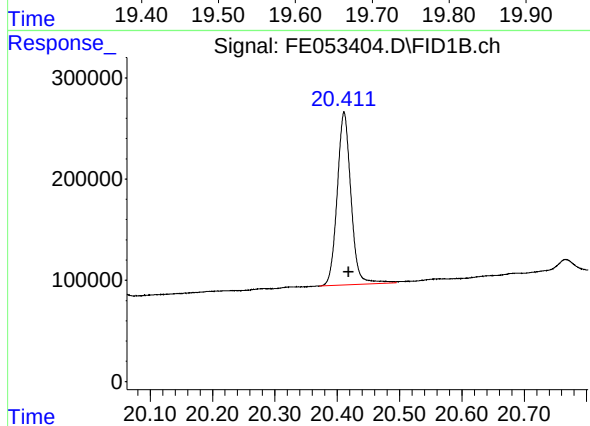
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.007 min
Response: 2579112
Conc: 18.78 ug/ml



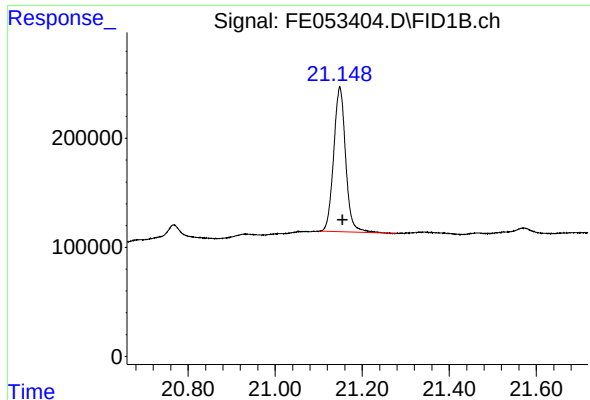
#19 n-Tetatriacontane (C34)

R.T.: 19.670 min
Delta R.T.: -0.007 min
Response: 2521123
Conc: 19.35 ug/ml



#20 n-Hexatriacontane (C36)

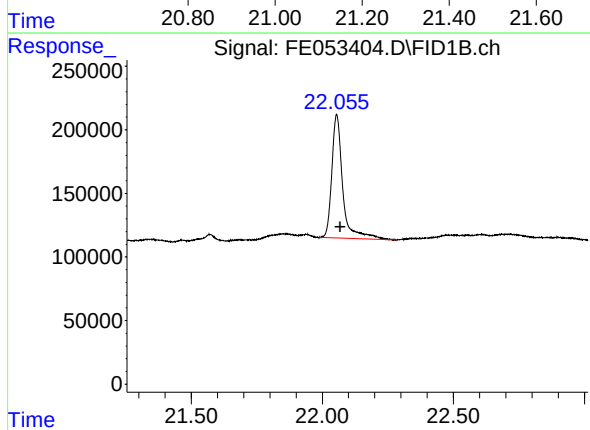
R.T.: 20.411 min
Delta R.T.: -0.007 min
Response: 2619363
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: -0.007 min
Response: 2538868
Conc: 20.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.055 min
Delta R.T.: -0.014 min
Response: 2817805
Conc: 23.60 ug/ml