

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053124AL\
 Data File : FE048466.D
 Signal(s) : FID1B.ch
 Acq On : 31 May 2024 06:56
 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 01 02:33:07 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)	11.952	2709244	18.867 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
12) S 1-chlorooctadecane (S...	13.386	2051193	18.828 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
Target Compounds			
1) T n-Nonane (C9)	3.338	2728835	18.252 ug/ml
2) T n-Decane (C10)	4.588	2807605	18.593 ug/ml
3) T A~Naphthalene (C11.7)	6.295	2796853	18.784 ug/ml
4) T n-Dodecane (C12)	6.753	2772753	18.731 ug/ml
5) T A~2-methylnaphthalene...	7.391	2628311	18.956 ug/ml
6) T n-Tetradecane (C14)	8.581	2664076	18.783 ug/ml
7) T n-Hexadecane (C16)	10.189	2668777	18.930 ug/ml
8) T n-Octadecane (C18)	11.631	2631955	18.951 ug/ml
10) T n-Eicosane (C20)	12.941	2503824	18.920 ug/ml
11) T n-Heneicosane (C21)	13.552	2447885	18.898 ug/ml
13) T n-Docosane (C22)	14.138	2465401	19.132 ug/ml
14) T n-Tetracosane (C24)	15.239	2541676	19.619 ug/ml
15) T n-Hexacosane (C26)	16.260	2596959	20.037 ug/ml
16) T n-Octacosane (C28)	17.209	2669389	20.652 ug/ml
17) T n-Tricontane (C30)	18.095	2813587	21.003 ug/ml
18) T n-Dotriacontane (C32)	18.927	2853527	21.022 ug/ml
19) T n-Tetratriacontane (C34)	19.710	2737870	20.014 ug/ml
20) T n-Hexatriacontane (C36)	20.450	2673381	19.667 ug/ml
21) T n-Octatriacontane (C38)	21.187	2613300	19.163 ug/ml
22) T n-Tetracontane (C40)	22.106	2606567	19.037 ug/ml

(f)=RT Delta > 1/2 Window

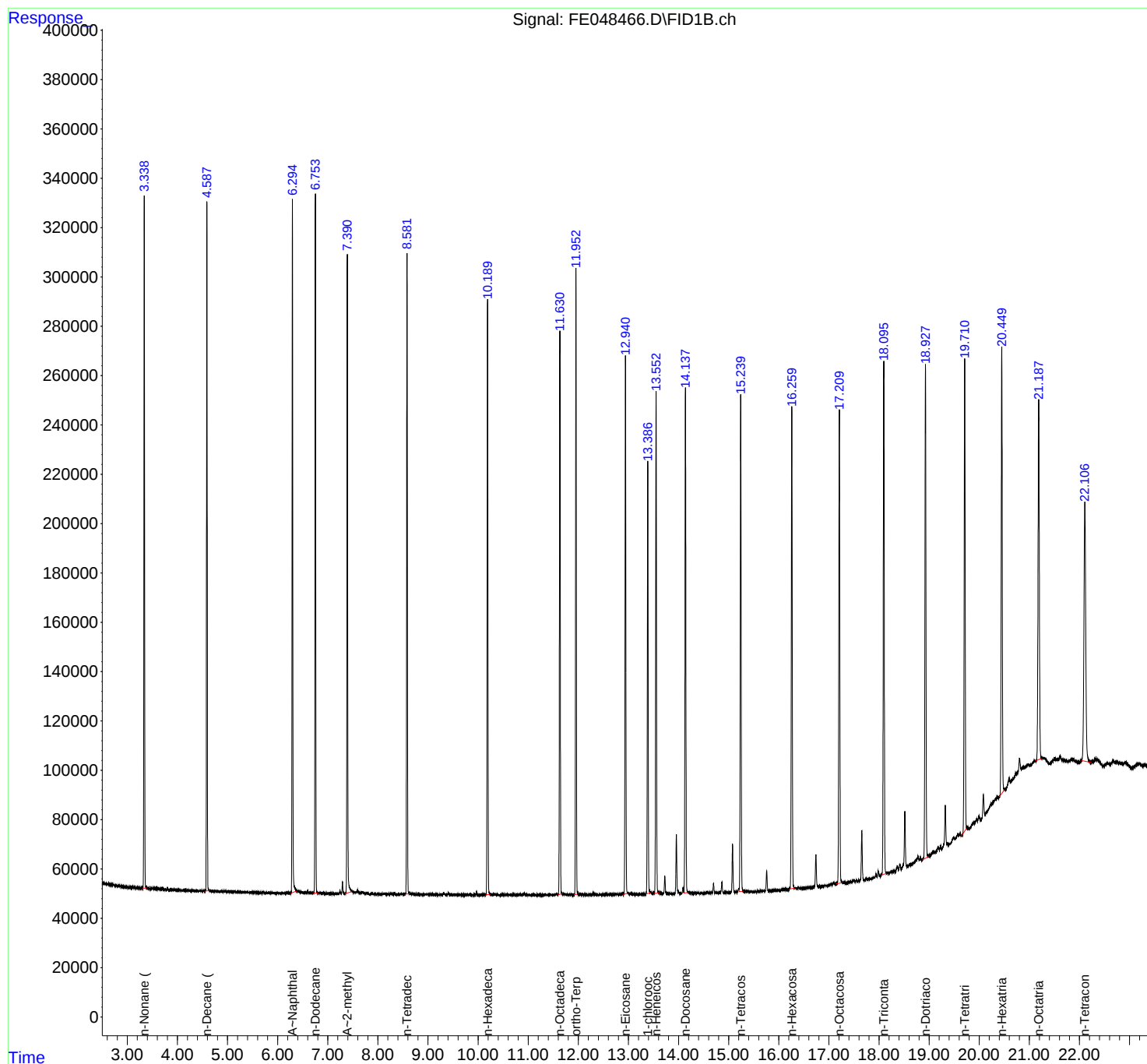
(m)=manual int.

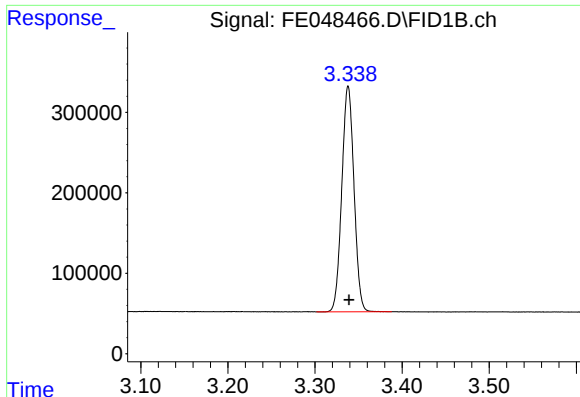
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053124AL\
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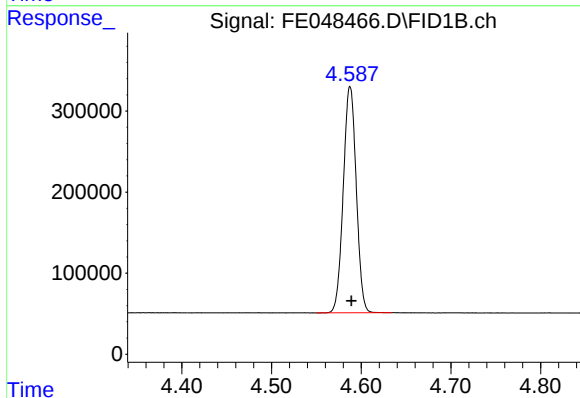




#1 n-Nonane (C9)

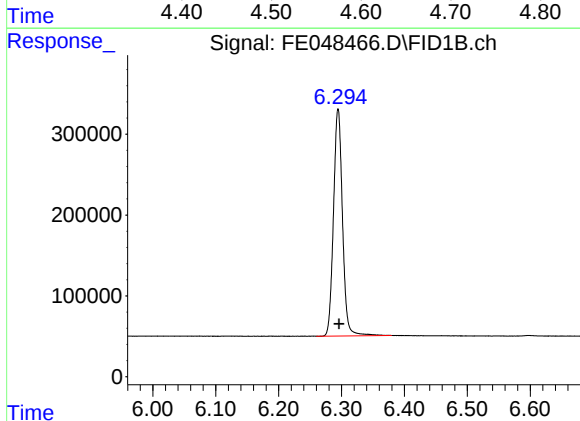
R.T.: 3.338 min
Delta R.T.: 0.000 min
Response: 2728835
Conc: 18.25 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



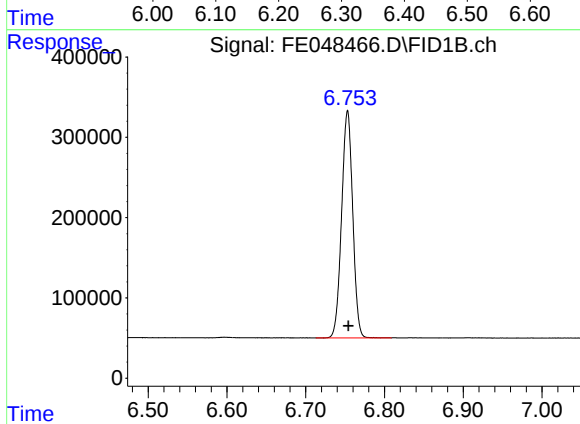
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.001 min
Response: 2807605
Conc: 18.59 ug/ml



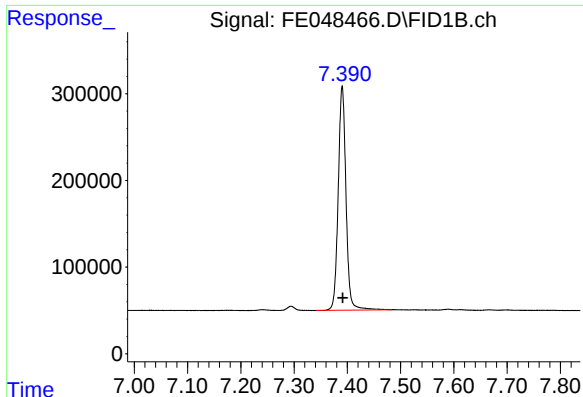
#3 A~Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: -0.001 min
Response: 2796853
Conc: 18.78 ug/ml



#4 n-Dodecane (C12)

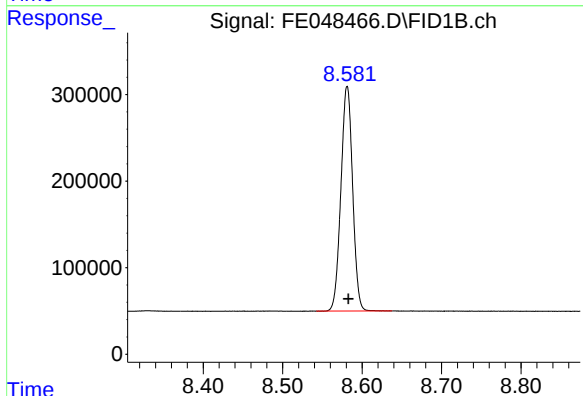
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 2772753
Conc: 18.73 ug/ml



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

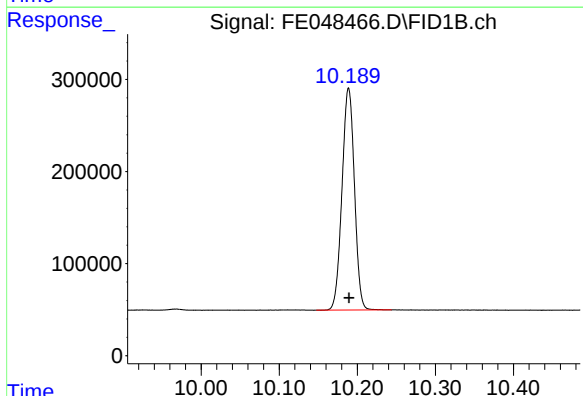
R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 2628311
Conc: 18.96 ug/ml

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20 PPM ALIPHATIC HC STD



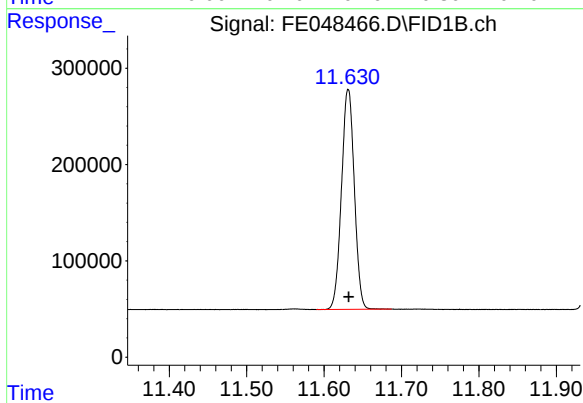
#6 n-Tetradecane (C14)

R.T.: 8.581 min
Delta R.T.: -0.001 min
Response: 2664076
Conc: 18.78 ug/ml



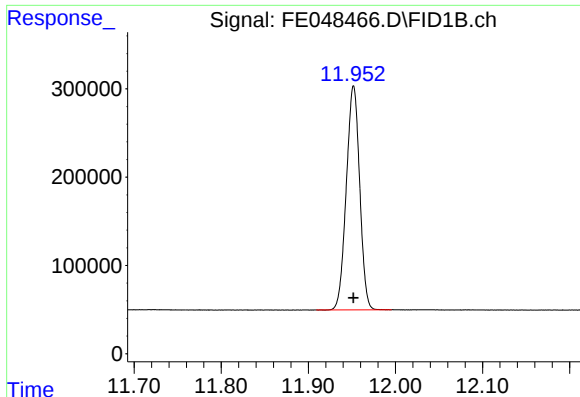
#7 n-Hexadecane (C16)

R.T.: 10.189 min
Delta R.T.: 0.000 min
Response: 2668777
Conc: 18.93 ug/ml



#8 n-Octadecane (C18)

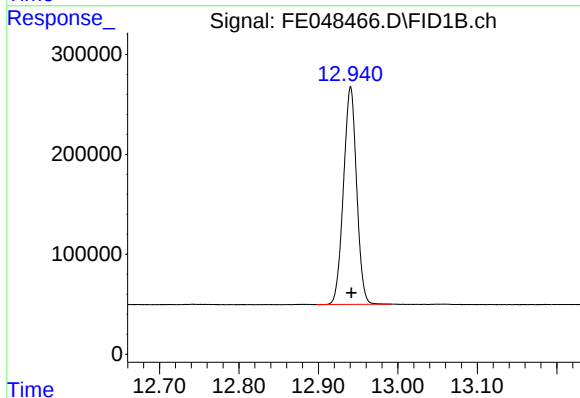
R.T.: 11.631 min
Delta R.T.: 0.000 min
Response: 2631955
Conc: 18.95 ug/ml



#9 ortho-Terphenyl (SURR)

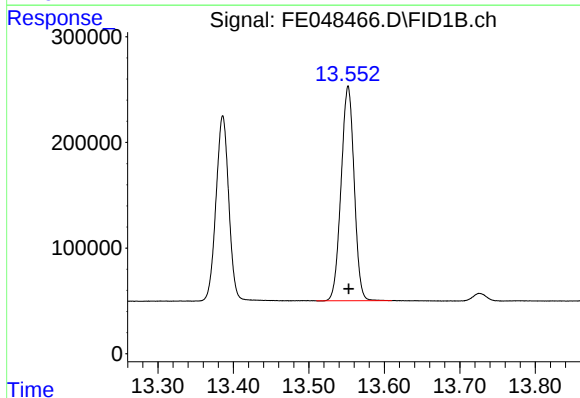
R.T.: 11.952 min
Delta R.T.: 0.000 min
Response: 2709244
Conc: 18.87 ug/ml

Instrument :
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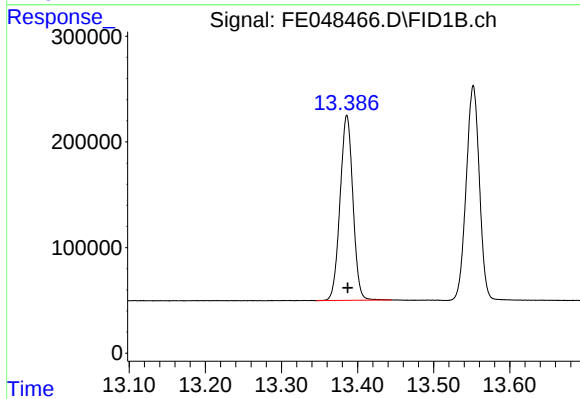
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.001 min
Response: 2503824
Conc: 18.92 ug/ml



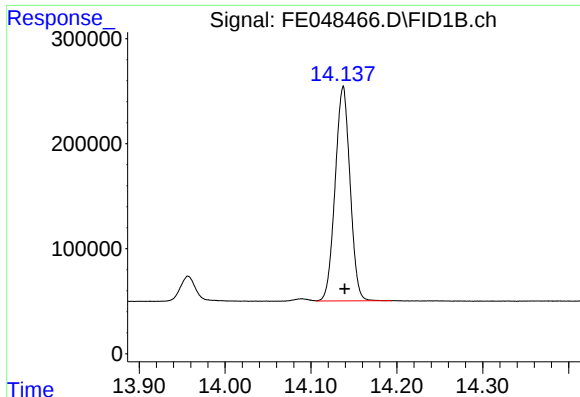
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: 0.000 min
Response: 2447885
Conc: 18.90 ug/ml



#12 1-chlorooctadecane (SURR)

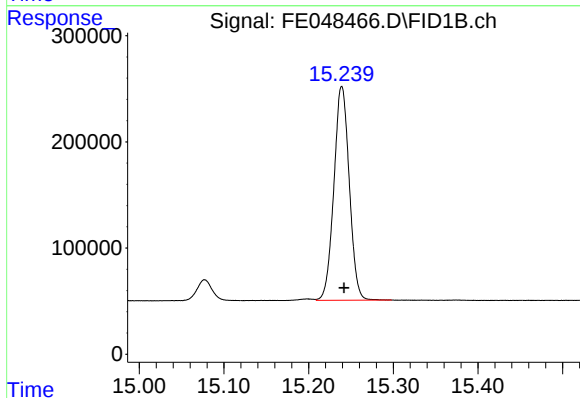
R.T.: 13.386 min
Delta R.T.: 0.000 min
Response: 2051193
Conc: 18.83 ug/ml



#13 n-Docosane (C22)

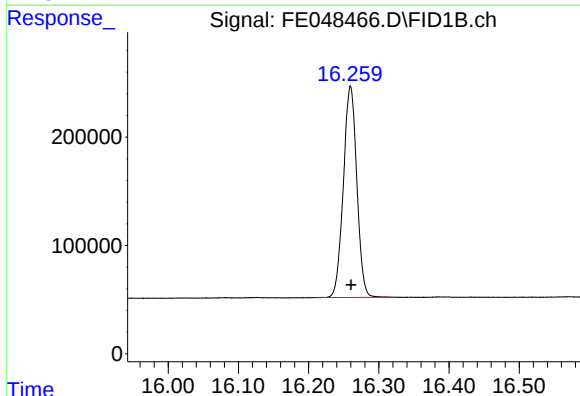
R.T.: 14.138 min
Delta R.T.: -0.002 min
Response: 2465401
Conc: 19.13 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



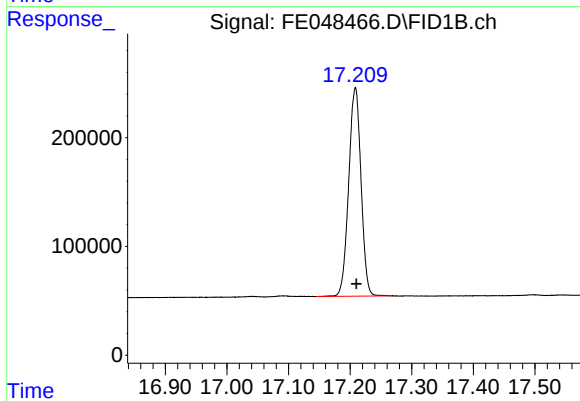
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: -0.003 min
Response: 2541676
Conc: 19.62 ug/ml



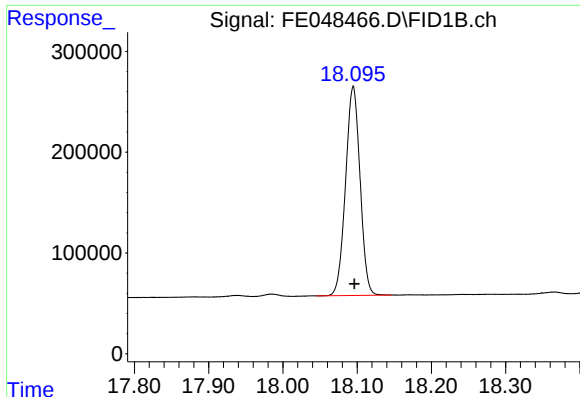
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 2596959
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

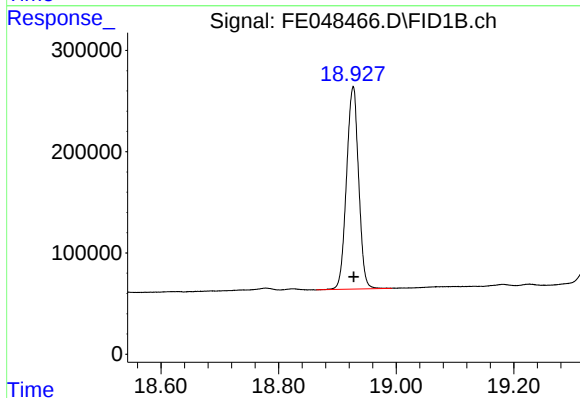
R.T.: 17.209 min
Delta R.T.: -0.002 min
Response: 2669389
Conc: 20.65 ug/ml



#17 n-Tricontane (C30)

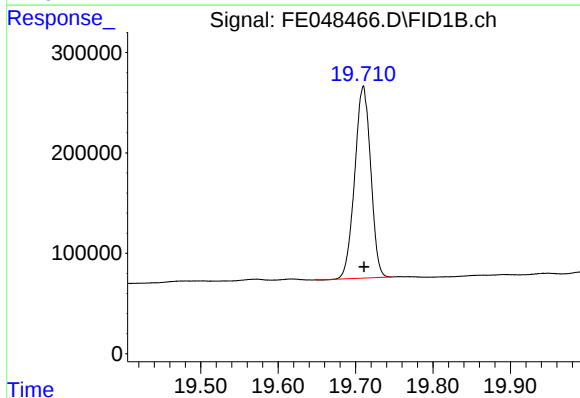
R.T.: 18.095 min
Delta R.T.: -0.002 min
Response: 2813587
Conc: 21.00 ug/ml

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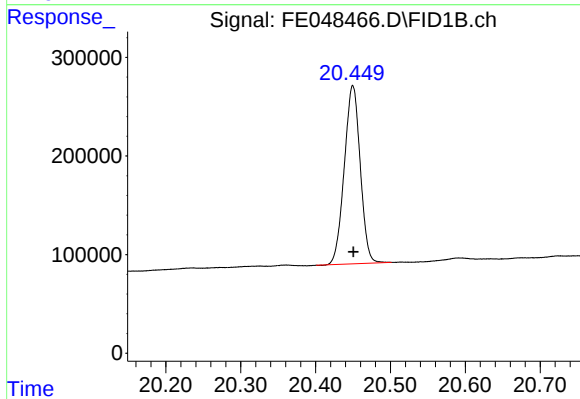
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: 0.000 min
Response: 2853527
Conc: 21.02 ug/ml



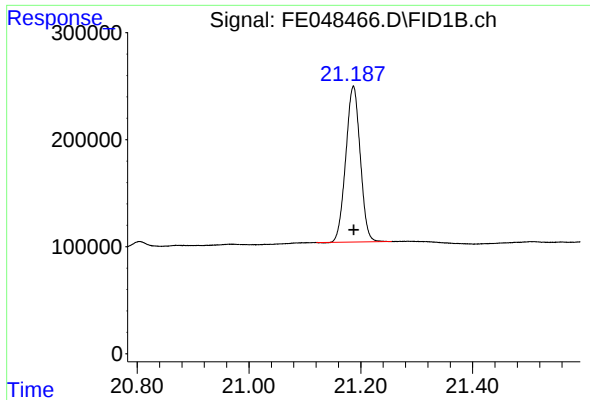
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min
Delta R.T.: -0.001 min
Response: 2737870
Conc: 20.01 ug/ml



#20 n-Hexatriacontane (C36)

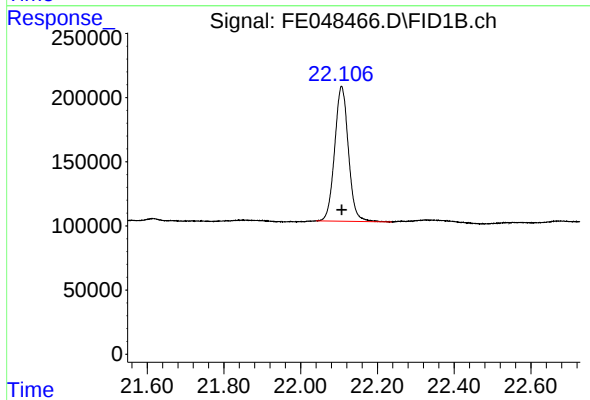
R.T.: 20.450 min
Delta R.T.: 0.000 min
Response: 2673381
Conc: 19.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: 0.000 min
Response: 2613300
Conc: 19.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: 0.000 min
Response: 2606567
Conc: 19.04 ug/ml