

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042624AL\
 Data File : FE047825.D
 Signal(s) : FID1B.ch
 Acq On : 26 Apr 2024 13:16
 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 26 23:36:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.975	3238665	18.672 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
12) S 1-chlorooctadecane (S...	13.408	2511761	18.675 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
Target Compounds			
1) T n-Nonane (C9)	3.355	2950787	18.861 ug/ml
2) T n-Decane (C10)	4.608	3004570	18.695 ug/ml
3) T A~Naphthalene (C11.7)	6.317	3173792	18.718 ug/ml
4) T n-Dodecane (C12)	6.774	3019830	18.606 ug/ml
5) T A~2-methylnaphthalene...	7.412	3048570	18.564 ug/ml
6) T n-Tetradecane (C14)	8.602	2978544	18.515 ug/ml
7) T n-Hexadecane (C16)	10.210	3093859	18.629 ug/ml
8) T n-Octadecane (C18)	11.654	3130508	18.668 ug/ml
10) T n-Eicosane (C20)	12.963	3016124	18.618 ug/ml
11) T n-Heneicosane (C21)	13.574	2961804	18.666 ug/ml
13) T n-Docosane (C22)	14.160	2960729	18.449 ug/ml
14) T n-Tetracosane (C24)	15.263	2988555	18.105 ug/ml
15) T n-Hexacosane (C26)	16.283	2963535	17.929 ug/ml
16) T n-Octacosane (C28)	17.232	2944444	17.768 ug/ml
17) T n-Tricontane (C30)	18.119	3023978	17.812 ug/ml
18) T n-Dotriacontane (C32)	18.951	3033895	18.194 ug/ml
19) T n-Tetratriacontane (C34)	19.734	3000752	18.710 ug/ml
20) T n-Hexatriacontane (C36)	20.474	3036981	19.041 ug/ml
21) T n-Octatriacontane (C38)	21.216	3018459	18.572 ug/ml
22) T n-Tetracontane (C40)	22.146	2977559	18.186 ug/ml

(f)=RT Delta > 1/2 Window

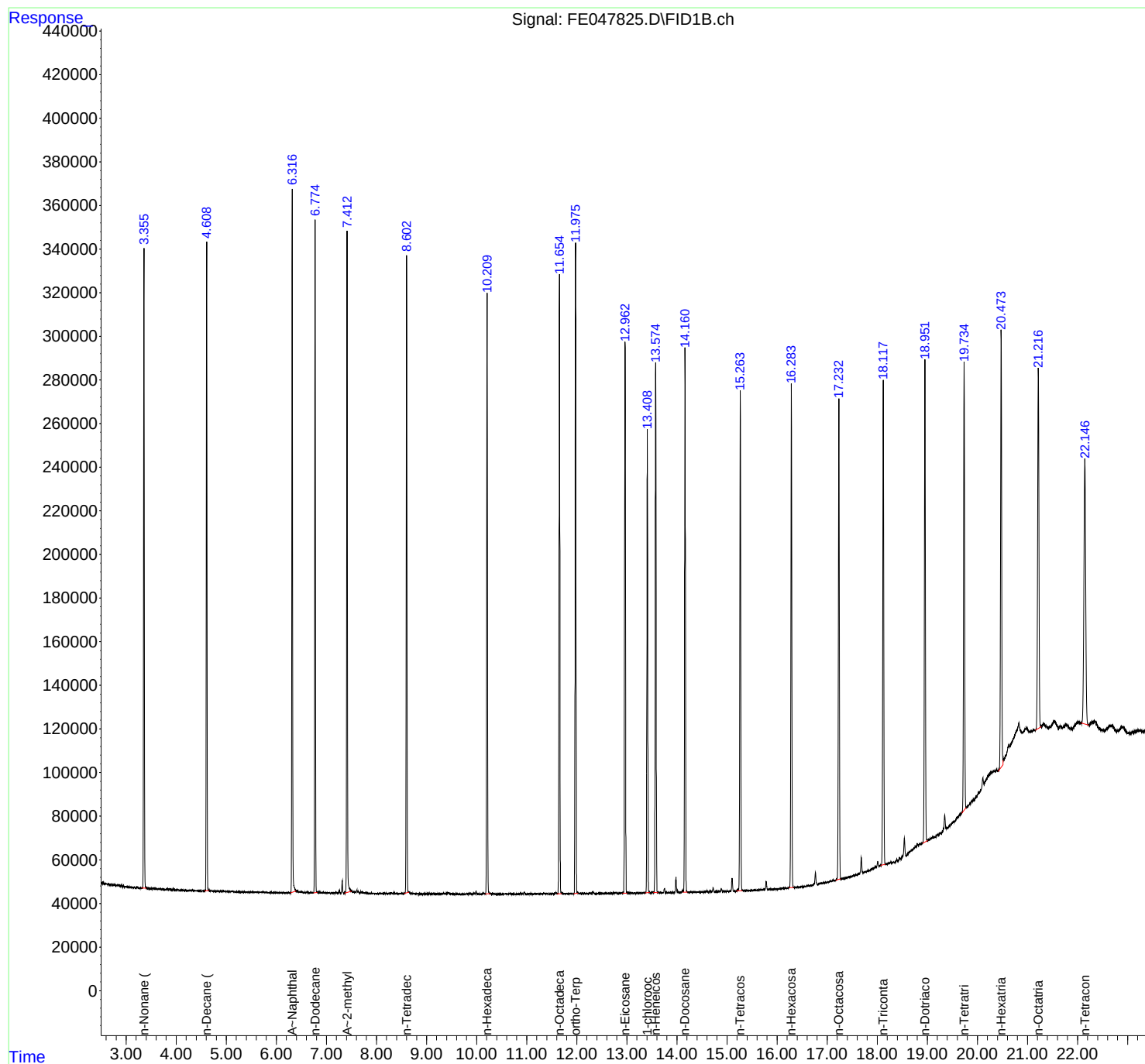
(m)=manual int.

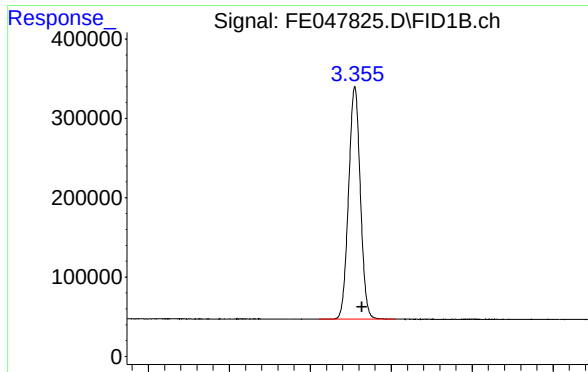
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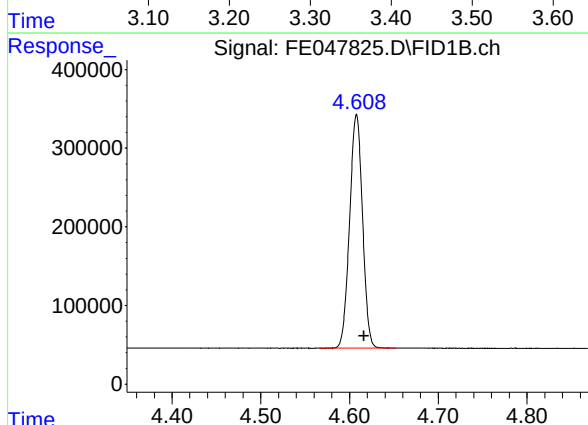




#1 n-Nonane (C9)

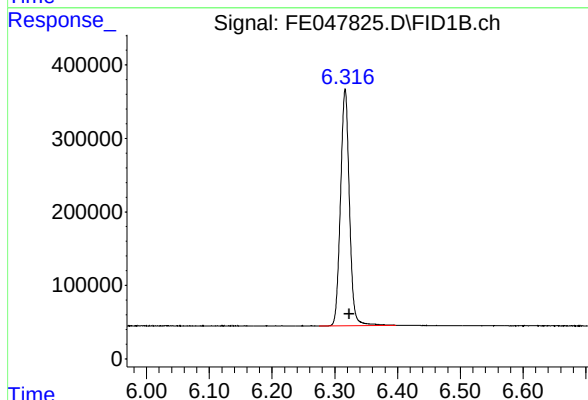
R.T.: 3.355 min
Delta R.T.: -0.009 min
Response: 2950787
Conc: 18.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



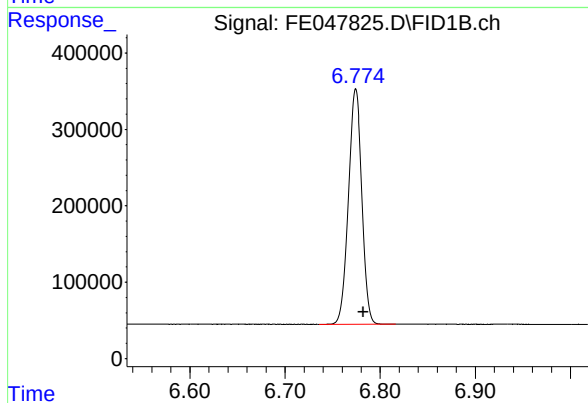
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: -0.008 min
Response: 3004570
Conc: 18.69 ug/ml



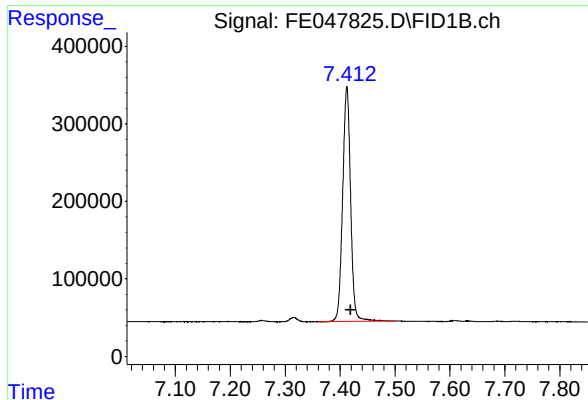
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: -0.007 min
Response: 3173792
Conc: 18.72 ug/ml



#4 n-Dodecane (C12)

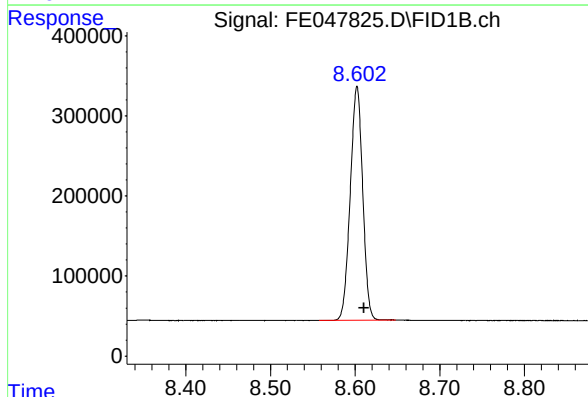
R.T.: 6.774 min
Delta R.T.: -0.008 min
Response: 3019830
Conc: 18.61 ug/ml



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

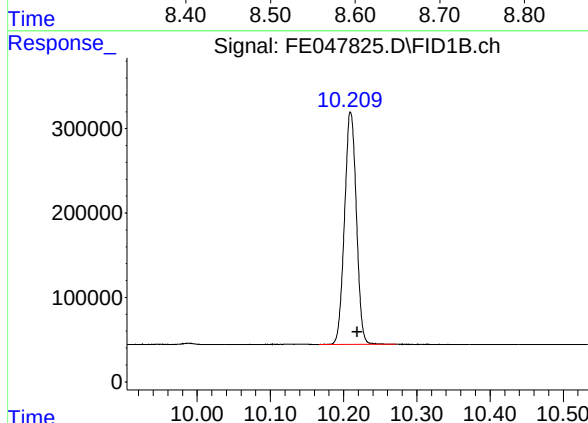
R.T.: 7.412 min
Delta R.T.: -0.007 min
Response: 3048570
Conc: 18.56 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



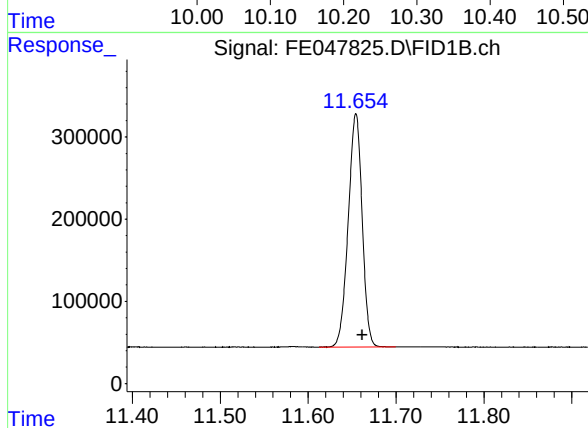
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: -0.008 min
Response: 2978544
Conc: 18.51 ug/ml



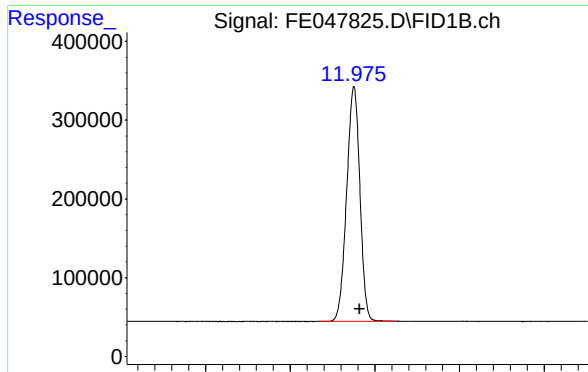
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: -0.009 min
Response: 3093859
Conc: 18.63 ug/ml



#8 n-Octadecane (C18)

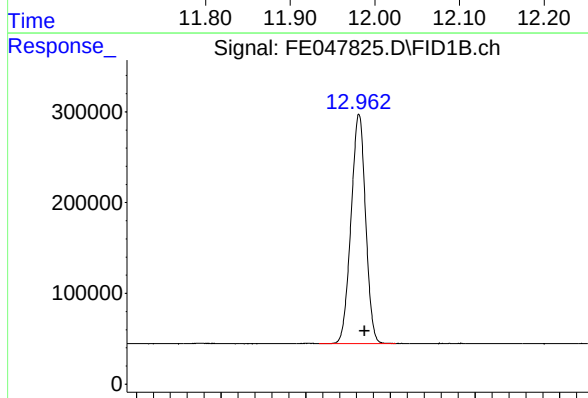
R.T.: 11.654 min
Delta R.T.: -0.007 min
Response: 3130508
Conc: 18.67 ug/ml



#9 ortho-Terphenyl (SURR)

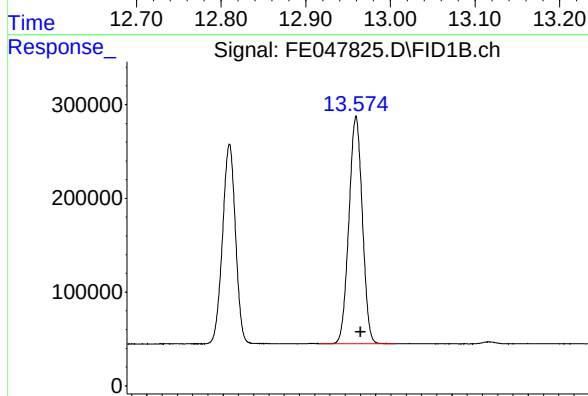
R.T.: 11.975 min
Delta R.T.: -0.007 min
Response: 3238665
Conc: 18.67 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



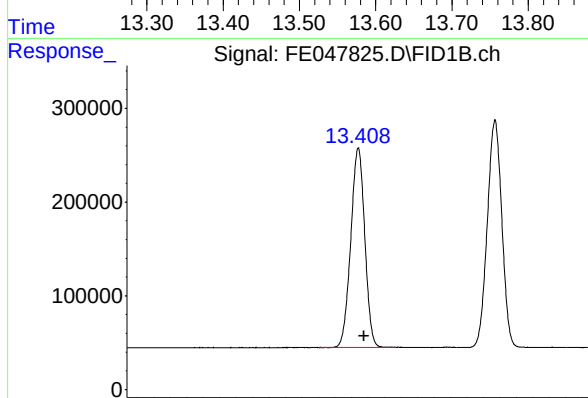
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.007 min
Response: 3016124
Conc: 18.62 ug/ml



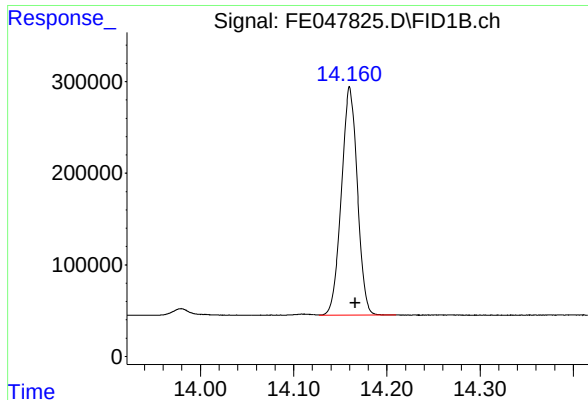
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.006 min
Response: 2961804
Conc: 18.67 ug/ml



#12 1-chlorooctadecane (SURR)

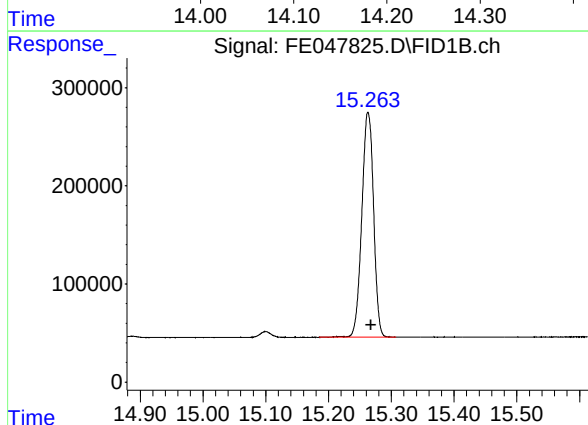
R.T.: 13.408 min
Delta R.T.: -0.007 min
Response: 2511761
Conc: 18.68 ug/ml



#13 n-Docosane (C22)

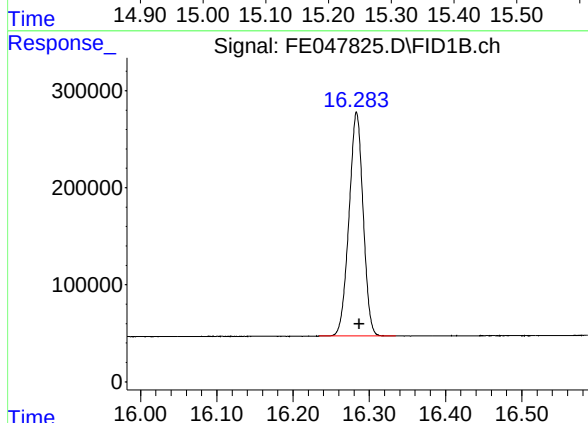
R.T.: 14.160 min
Delta R.T.: -0.006 min
Response: 2960729
Conc: 18.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



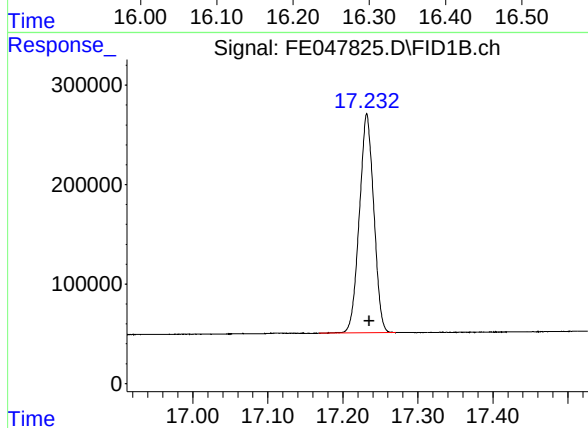
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.005 min
Response: 2988555
Conc: 18.11 ug/ml



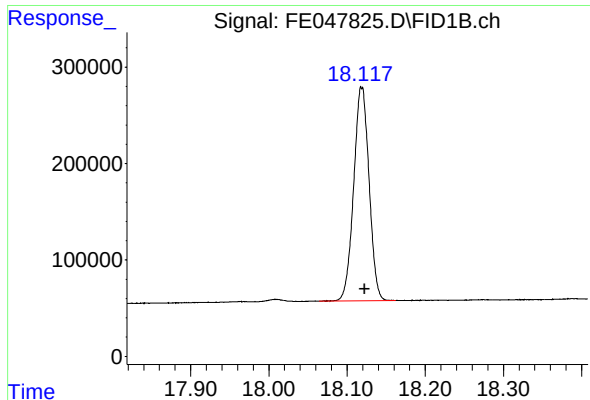
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.004 min
Response: 2963535
Conc: 17.93 ug/ml



#16 n-Octacosane (C28)

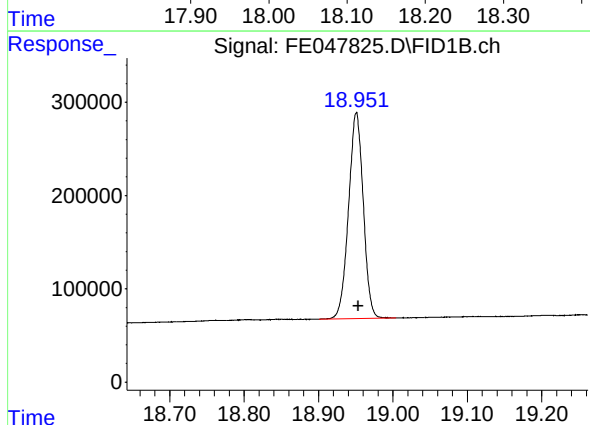
R.T.: 17.232 min
Delta R.T.: -0.003 min
Response: 2944444
Conc: 17.77 ug/ml



#17 n-Tricontane (C30)

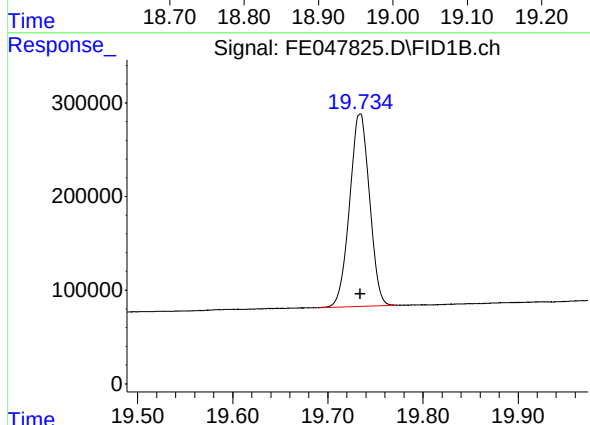
R.T.: 18.119 min
Delta R.T.: -0.003 min
Response: 3023978
Conc: 17.81 ug/ml

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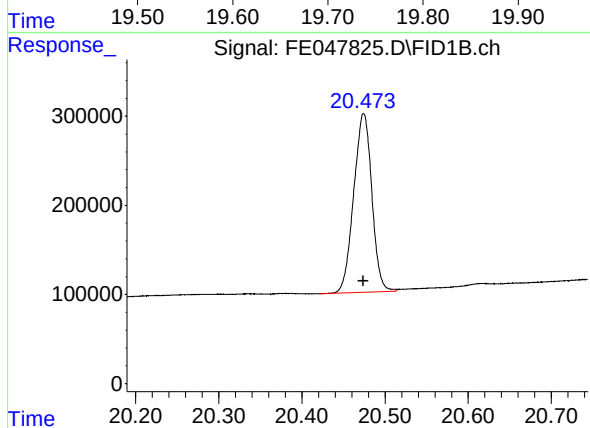
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.003 min
Response: 3033895
Conc: 18.19 ug/ml



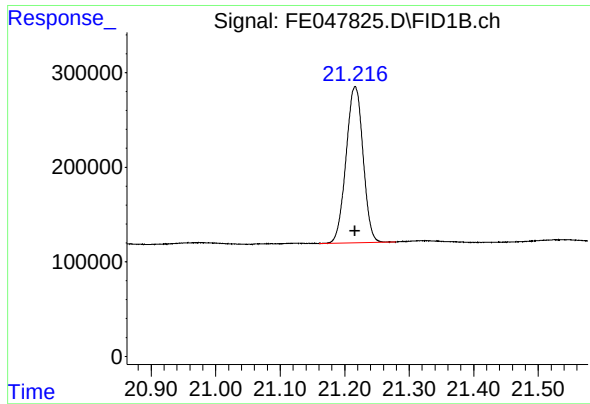
#19 n-Tetatriacontane (C34)

R.T.: 19.734 min
Delta R.T.: 0.000 min
Response: 3000752
Conc: 18.71 ug/ml



#20 n-Hexatriacontane (C36)

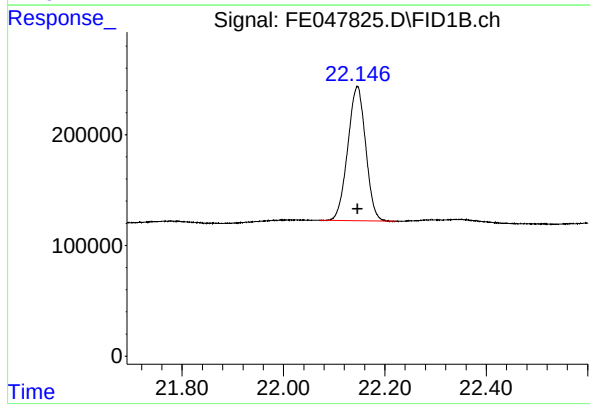
R.T.: 20.474 min
Delta R.T.: 0.000 min
Response: 3036981
Conc: 19.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: 0.000 min
Response: 3018459
Conc: 18.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.000 min
Response: 2977559
Conc: 18.19 ug/ml