

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100824AL\
 Data File : FE050542.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2024 18:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 08 03:59:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.863	2929869	18.584 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
12) S 1-chlorooctadecane (S...	13.297	2218728	18.756 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	3.251	2656616	18.803 ug/ml
2) T n-Decane (C10)	4.502	2696802	18.796 ug/ml
3) T A~Naphthalene (C11.7)	6.212	2682949	18.763 ug/ml
4) T n-Dodecane (C12)	6.669	2711888	18.841 ug/ml
5) T A~2-methylnaphthalene...	7.309	2518104	19.007 ug/ml
6) T n-Tetradecane (C14)	8.496	2689075	18.796 ug/ml
7) T n-Hexadecane (C16)	10.102	2763971	18.781 ug/ml
8) T n-Octadecane (C18)	11.543	2801031	18.752 ug/ml
10) T n-Eicosane (C20)	12.852	2704160	18.857 ug/ml
11) T n-Heneicosane (C21)	13.463	2627622	18.711 ug/ml
13) T n-Docosane (C22)	14.048	2681113	19.110 ug/ml
14) T n-Tetracosane (C24)	15.150	2813163	19.912 ug/ml
15) T n-Hexacosane (C26)	16.169	2849940	20.253 ug/ml
16) T n-Octacosane (C28)	17.118	2971331	20.306 ug/ml
17) T n-Tricontane (C30)	18.005	3148514	19.802 ug/ml
18) T n-Dotriacontane (C32)	18.838	3117890	19.233 ug/ml
19) T n-Tetratriacontane (C34)	19.619	2799872	19.061 ug/ml
20) T n-Hexatriacontane (C36)	20.359	2368136	18.674 ug/ml
21) T n-Octatriacontane (C38)	21.084	2233235	18.061 ug/ml
22) T n-Tetracontane (C40)	21.970	2015651	18.102 ug/ml

(f)=RT Delta > 1/2 Window

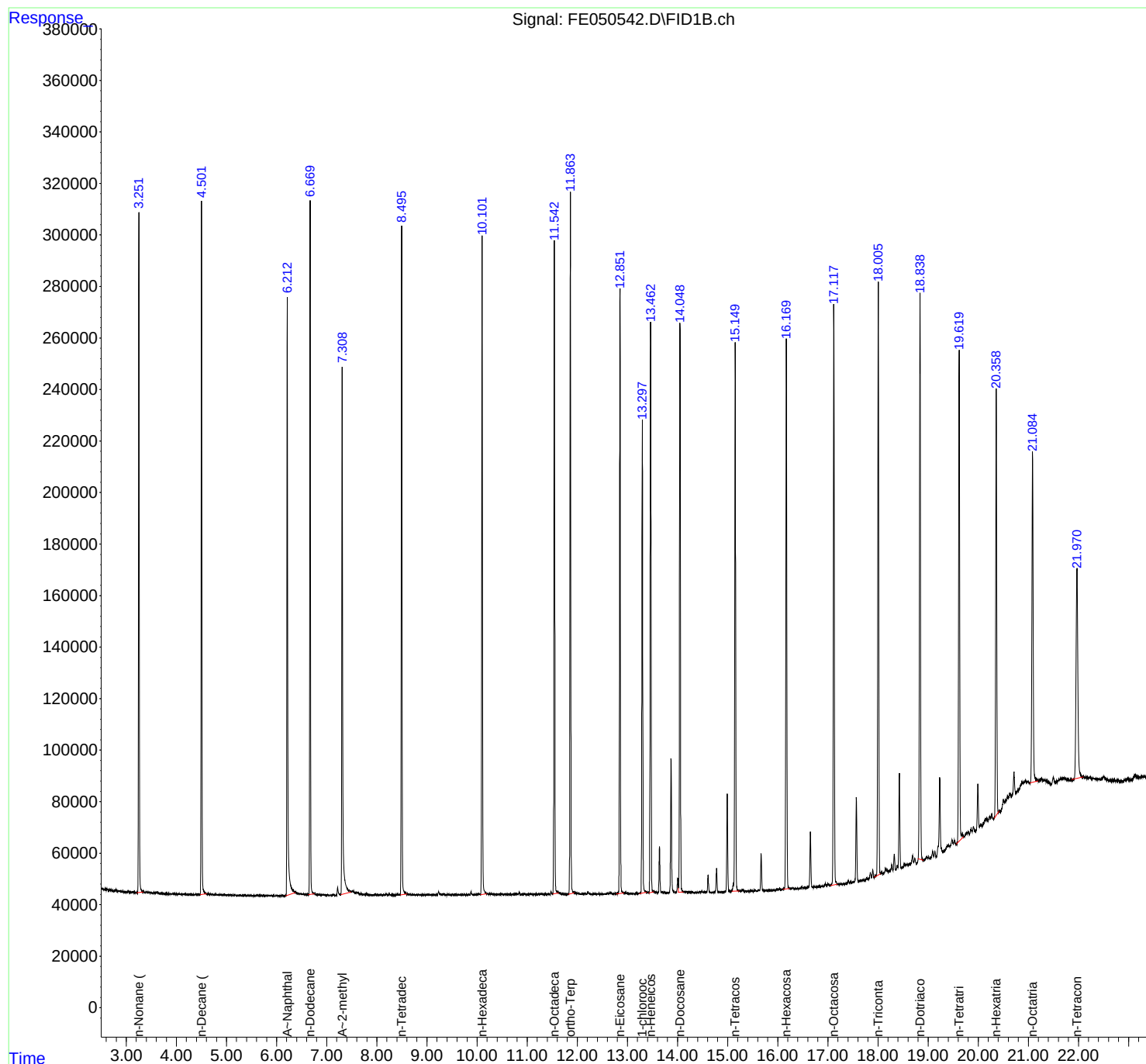
(m)=manual int.

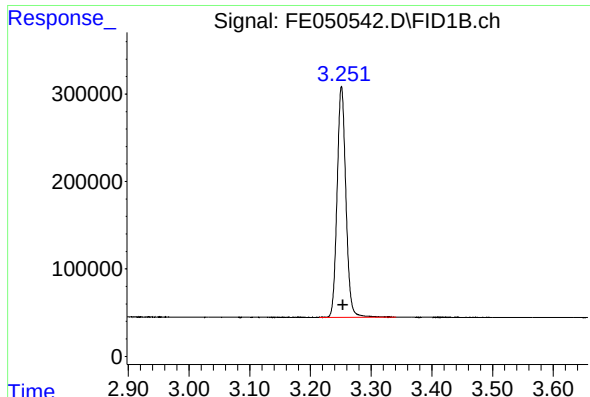
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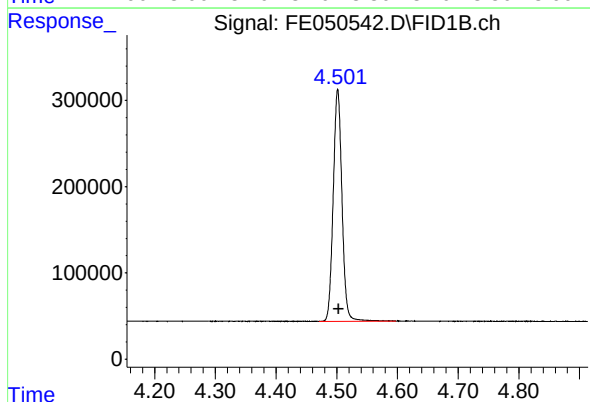




#1 n-Nonane (C9)

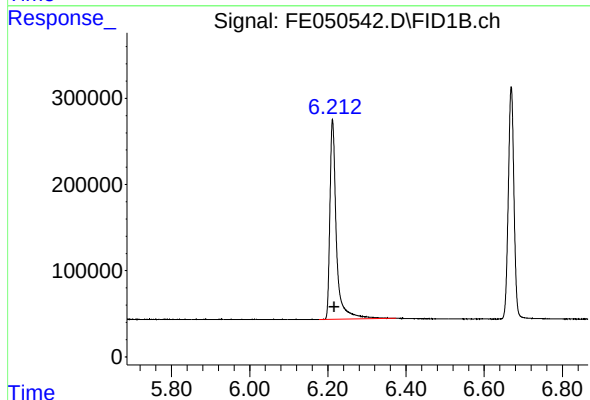
R.T.: 3.251 min
Delta R.T.: -0.003 min
Response: 2656616
Conc: 18.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



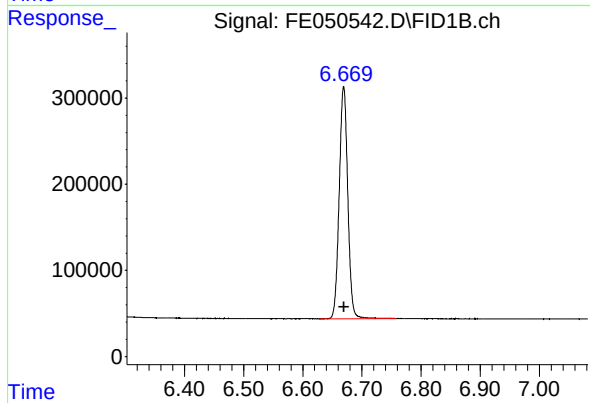
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: -0.001 min
Response: 2696802
Conc: 18.80 ug/ml



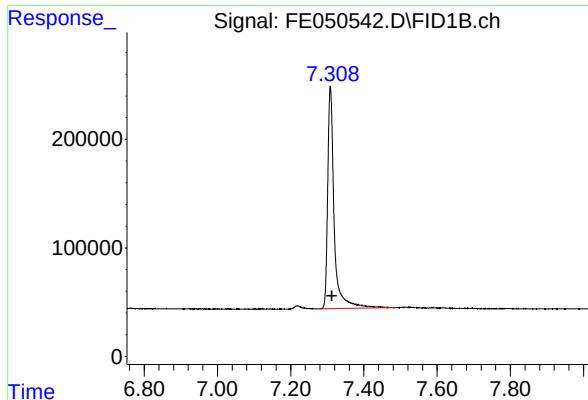
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.004 min
Response: 2682949
Conc: 18.76 ug/ml



#4 n-Dodecane (C12)

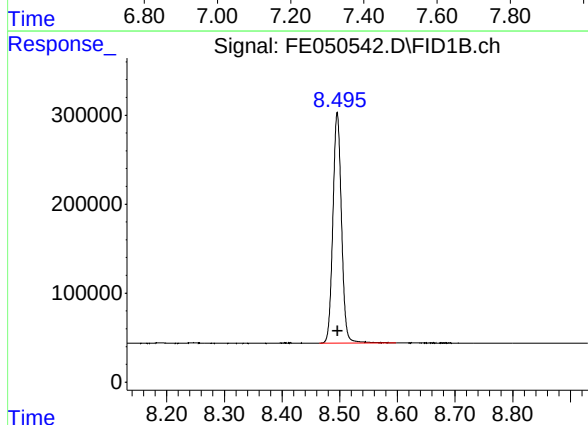
R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 2711888
Conc: 18.84 ug/ml



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

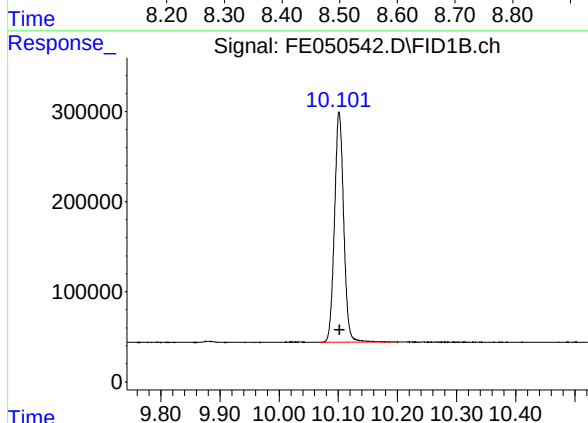
R.T.: 7.309 min
Delta R.T.: -0.004 min
Response: 2518104
Conc: 19.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



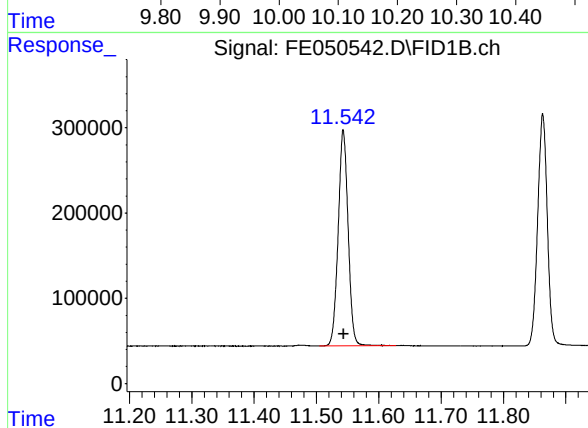
#6 n-Tetradecane (C14)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 2689075
Conc: 18.80 ug/ml



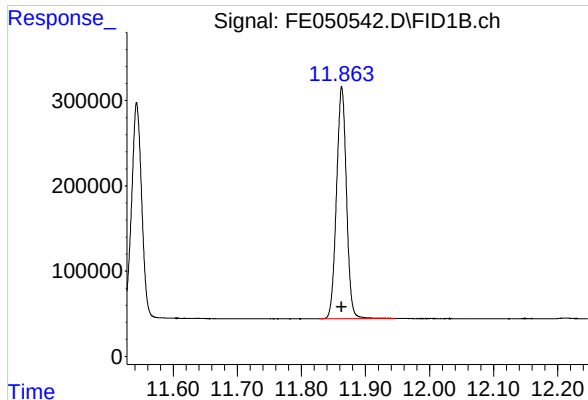
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: 0.000 min
Response: 2763971
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

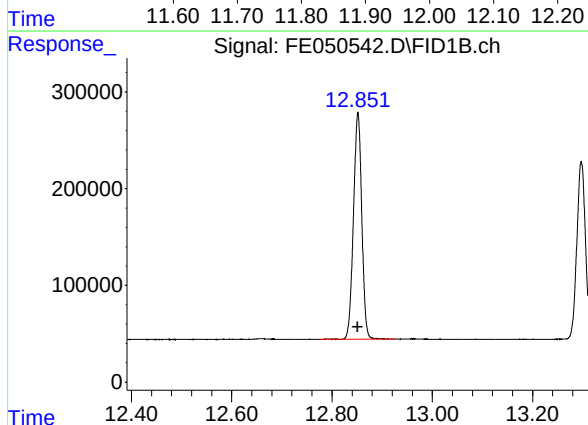
R.T.: 11.543 min
Delta R.T.: 0.000 min
Response: 2801031
Conc: 18.75 ug/ml



#9 ortho-Terphenyl (SURR)

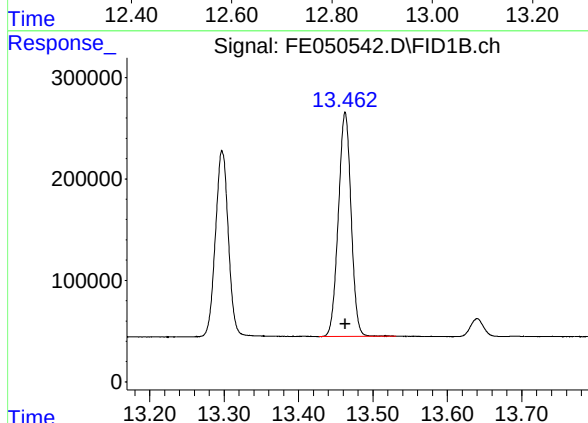
R.T.: 11.863 min
Delta R.T.: 0.000 min
Response: 2929869
Conc: 18.58 ug/ml

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20 PPM ALIPHATIC HC STD



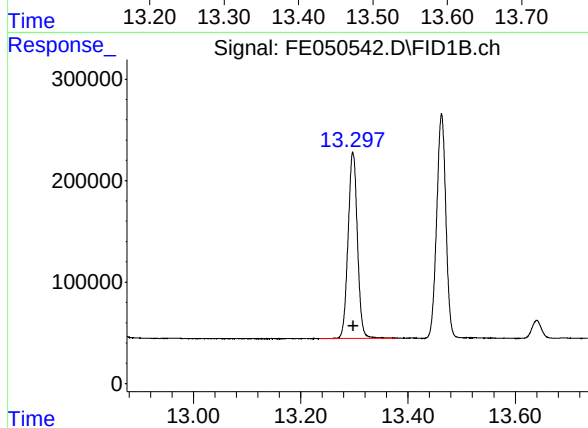
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.000 min
Response: 2704160
Conc: 18.86 ug/ml



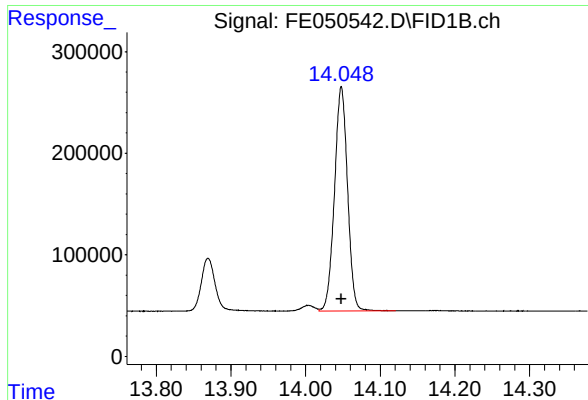
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: 0.000 min
Response: 2627622
Conc: 18.71 ug/ml



#12 1-chlorooctadecane (SURR)

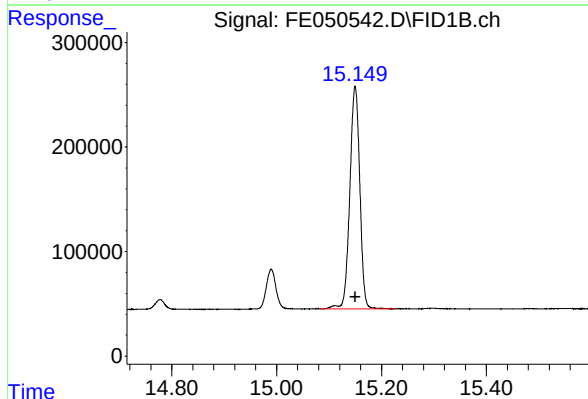
R.T.: 13.297 min
Delta R.T.: 0.000 min
Response: 2218728
Conc: 18.76 ug/ml



#13 n-Docosane (C22)

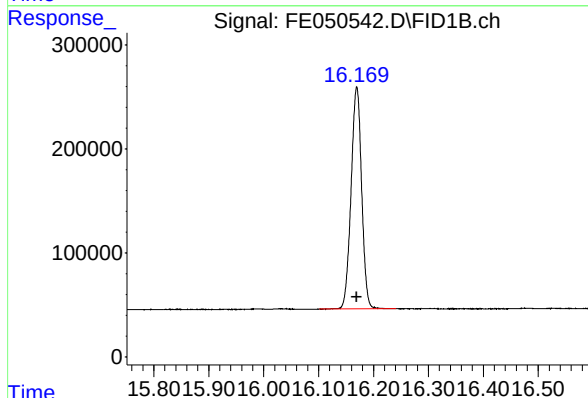
R.T.: 14.048 min
Delta R.T.: 0.000 min
Response: 2681113
Conc: 19.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



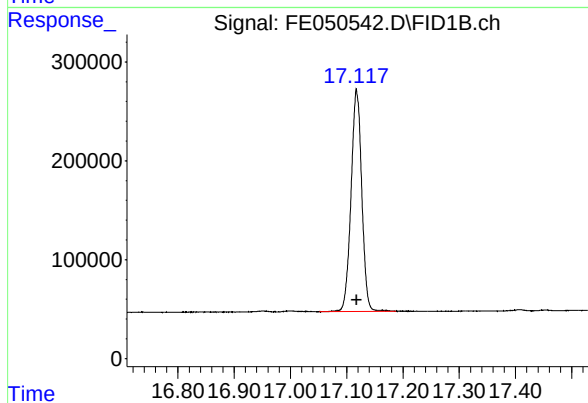
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: 0.000 min
Response: 2813163
Conc: 19.91 ug/ml



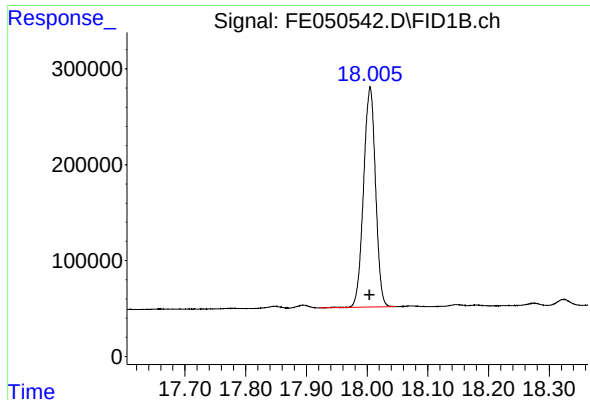
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: 0.000 min
Response: 2849940
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

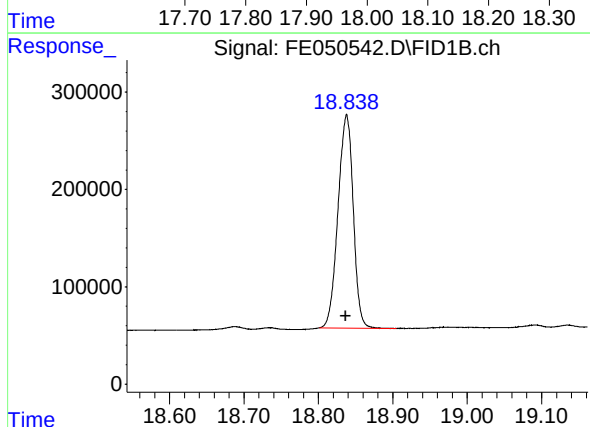
R.T.: 17.118 min
Delta R.T.: 0.000 min
Response: 2971331
Conc: 20.31 ug/ml



#17 n-Tricontane (C30)

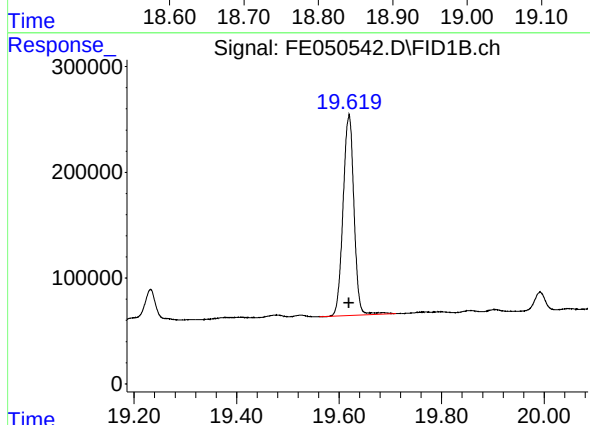
R.T.: 18.005 min
Delta R.T.: 0.000 min
Response: 3148514
Conc: 19.80 ug/ml

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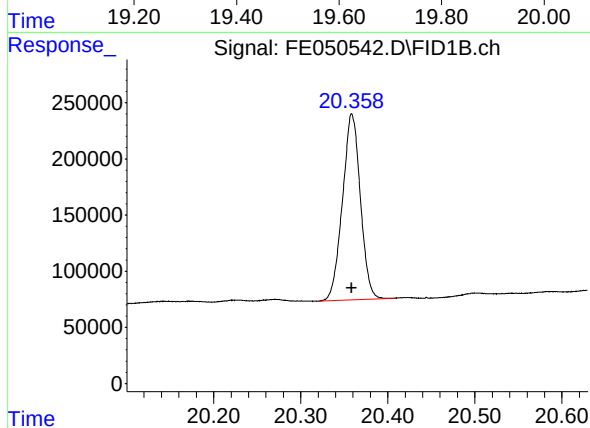
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: 0.001 min
Response: 3117890
Conc: 19.23 ug/ml



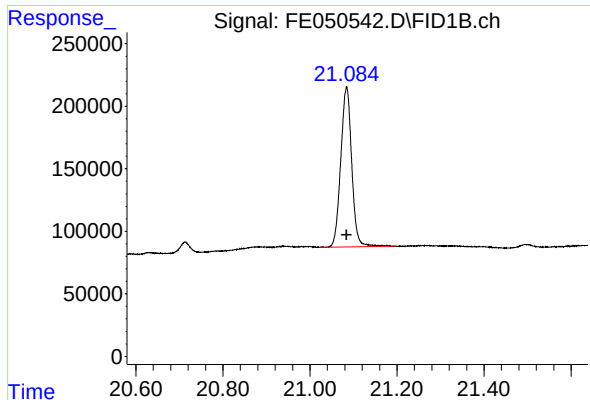
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 2799872
Conc: 19.06 ug/ml



#20 n-Hexatriacontane (C36)

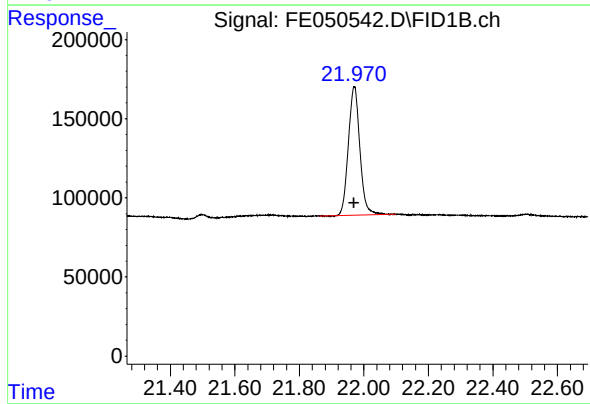
R.T.: 20.359 min
Delta R.T.: 0.000 min
Response: 2368136
Conc: 18.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 2233235
Conc: 18.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: 0.001 min
Response: 2015651
Conc: 18.10 ug/ml