

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090723AL\
 Data File : FE044122.D
 Signal(s) : FID1B.ch
 Acq On : 07 Sep 2023 13:06
 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: Sep 08 01:16:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 2023
 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)	11.936	3959366	20.899 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
12) S 1-chlorooctadecane (S...	13.375	2909280	21.059 ug/ml
Spiked Amount 50.000		Recovery =	42.12%
Target Compounds			
1) T n-Nonane (C9)	3.321	3260774	19.988 ug/ml
2) T n-Decane (C10)	4.573	3330602	20.038 ug/ml
3) T A~Naphthalene (C11.7)	6.274	3588951	20.042 ug/ml
4) T n-Dodecane (C12)	6.738	3363784	20.002 ug/ml
5) T A~2-methylnaphthalene...	7.370	3491112	20.364 ug/ml
6) T n-Tetradecane (C14)	8.565	3383460	20.175 ug/ml
7) T n-Hexadecane (C16)	10.174	3430552	19.849 ug/ml
8) T n-Octadecane (C18)	11.620	3443632	19.783 ug/ml
10) T n-Eicosane (C20)	12.930	3326462	20.110 ug/ml
11) T n-Heneicosane (C21)	13.542	3263473	20.176 ug/ml
13) T n-Docosane (C22)	14.129	3241281	20.288 ug/ml
14) T n-Tetracosane (C24)	15.233	3194264	20.427 ug/ml
15) T n-Hexacosane (C26)	16.256	3096013	20.537 ug/ml
16) T n-Octacosane (C28)	17.206	3037950	21.051 ug/ml
17) T n-Tricontane (C30)	18.095	3117217	21.456 ug/ml
18) T n-Dotriacontane (C32)	18.929	3115245	21.870 ug/ml
19) T n-Tetratriacontane (C34)	19.715	2946336	21.054 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2853181	20.812 ug/ml
21) T n-Octatriacontane (C38)	21.199	2788474	20.088 ug/ml
22) T n-Tetracontane (C40)	22.123	2828751	20.459 ug/ml

(f)=RT Delta > 1/2 Window

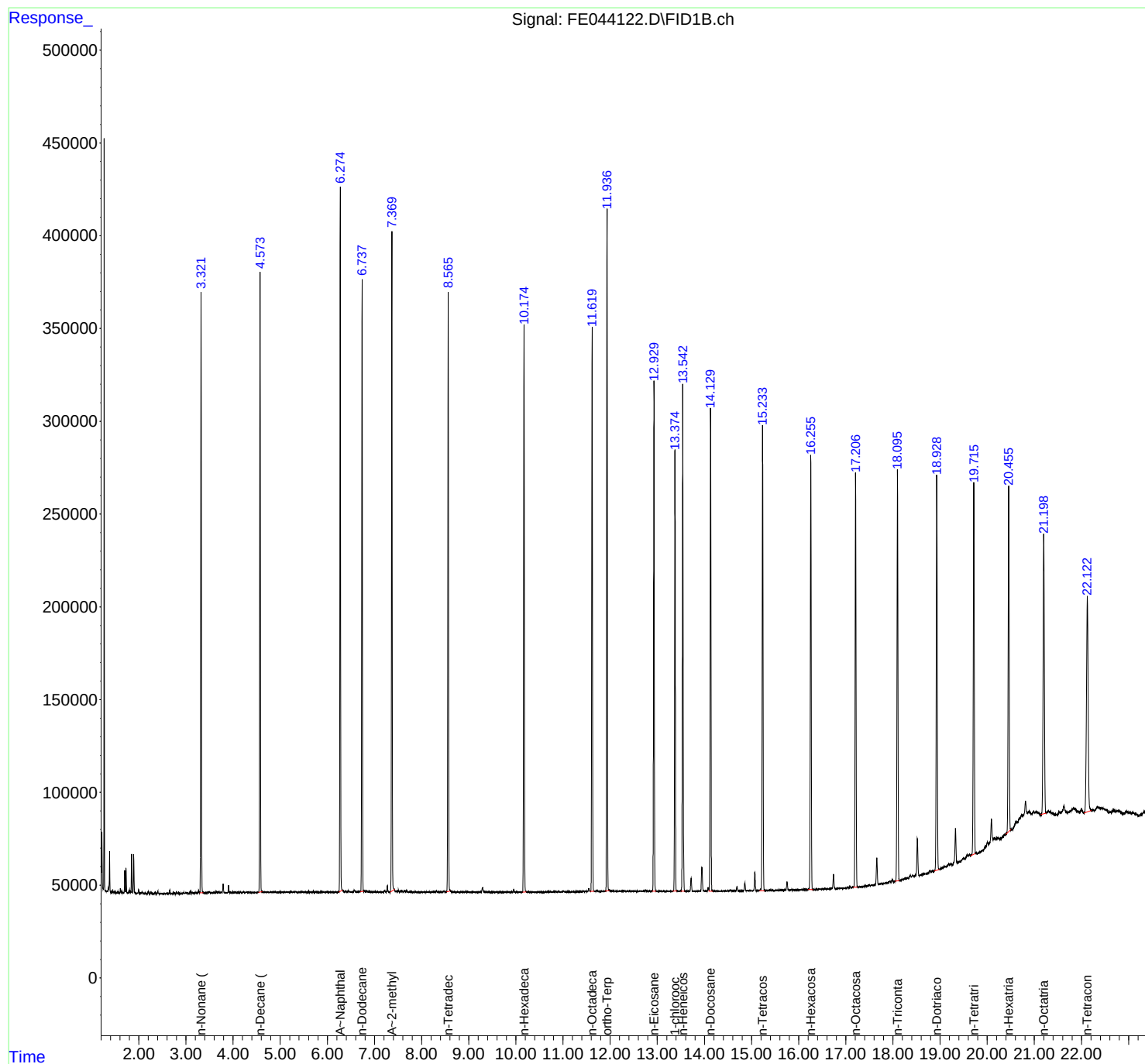
(m)=manual int.

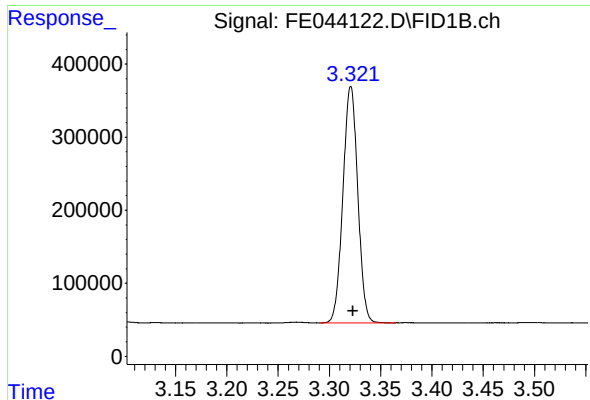
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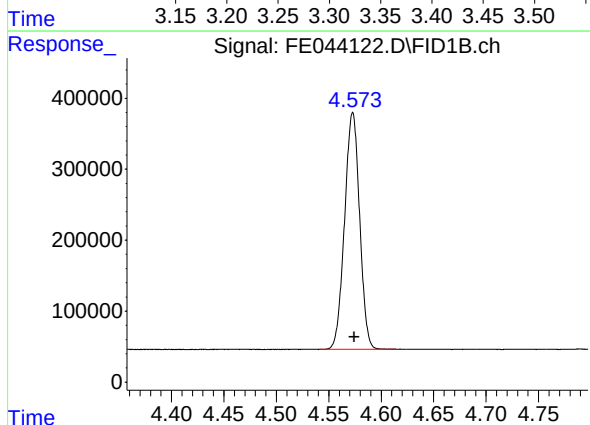




#1 n-Nonane (C9)

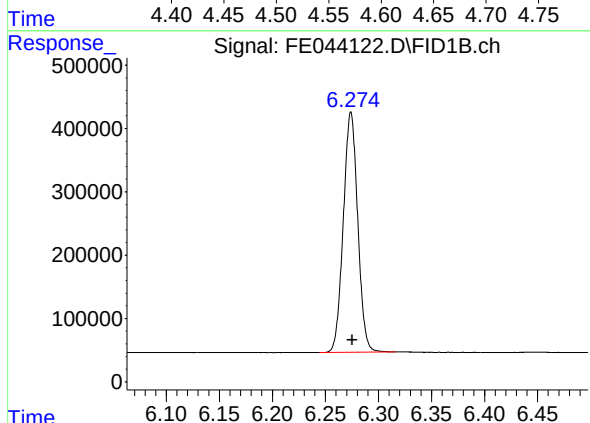
R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 3260774
Conc: 19.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



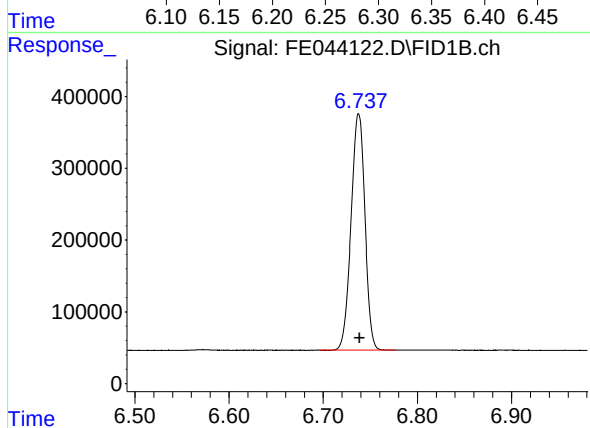
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 3330602
Conc: 20.04 ug/ml



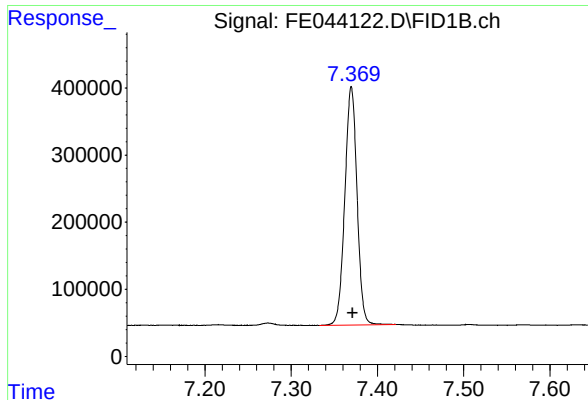
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.001 min
Response: 3588951
Conc: 20.04 ug/ml



#4 n-Dodecane (C12)

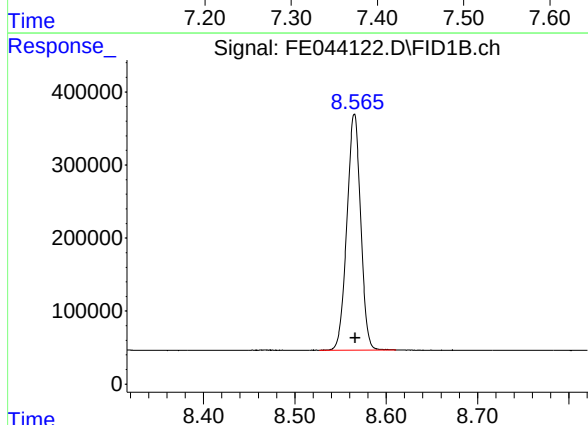
R.T.: 6.738 min
Delta R.T.: -0.001 min
Response: 3363784
Conc: 20.00 ug/ml



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

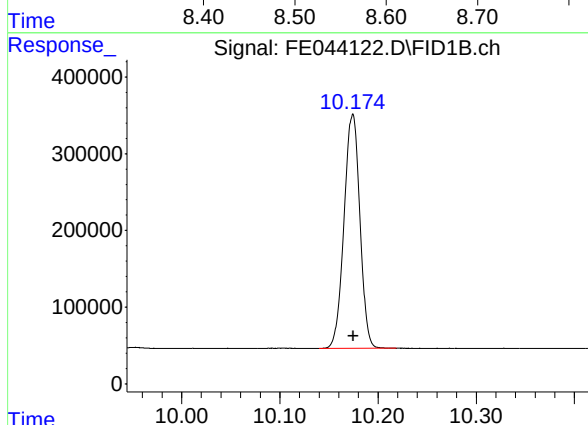
R.T.: 7.370 min
Delta R.T.: -0.001 min
Response: 3491112
Conc: 20.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



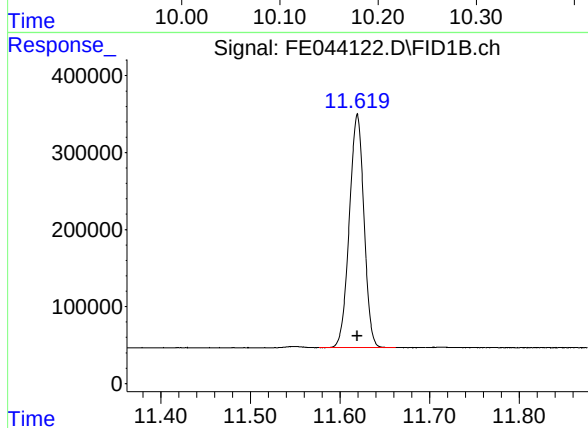
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 3383460
Conc: 20.17 ug/ml



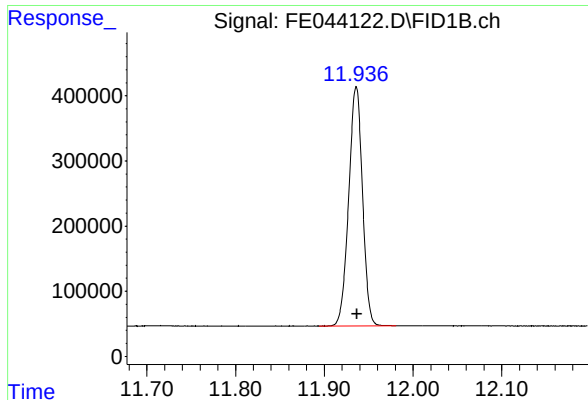
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.000 min
Response: 3430552
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

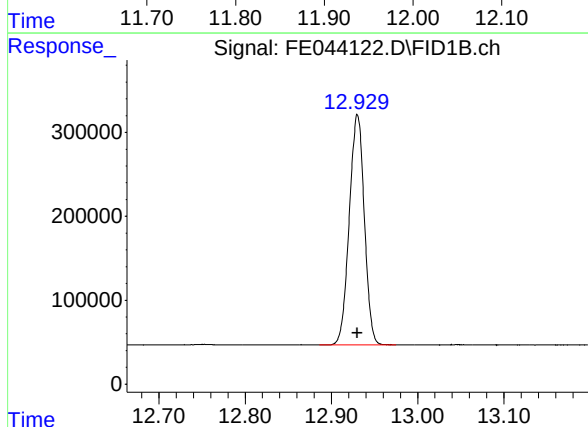
R.T.: 11.620 min
Delta R.T.: 0.000 min
Response: 3443632
Conc: 19.78 ug/ml



#9 ortho-Terphenyl (SURR)

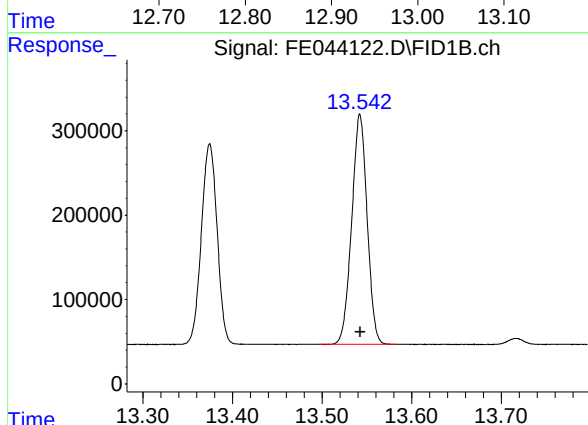
R.T.: 11.936 min
Delta R.T.: 0.000 min
Response: 3959366
Conc: 20.90 ug/ml

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20 PPM ALIPHATIC HC STD



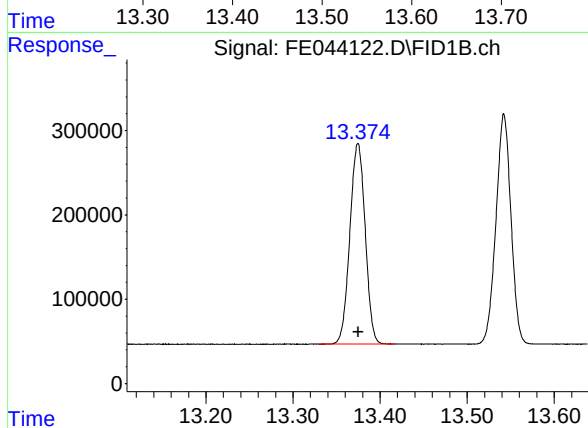
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.000 min
Response: 3326462
Conc: 20.11 ug/ml



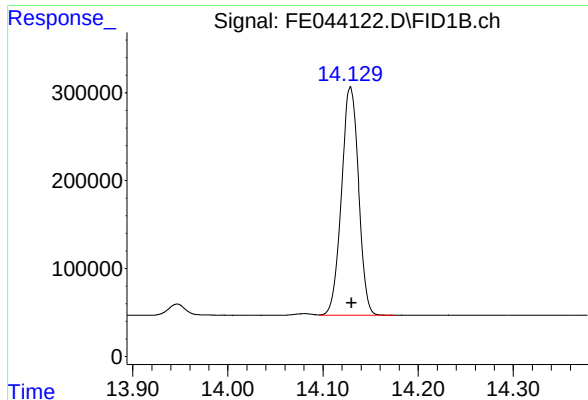
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: 0.000 min
Response: 3263473
Conc: 20.18 ug/ml



#12 1-chlorooctadecane (SURR)

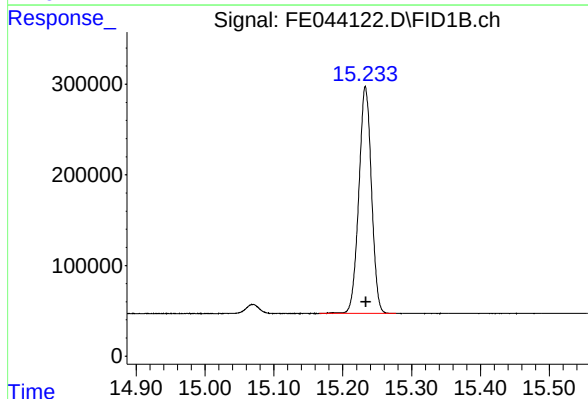
R.T.: 13.375 min
Delta R.T.: 0.000 min
Response: 2909280
Conc: 21.06 ug/ml



#13 n-Docosane (C22)

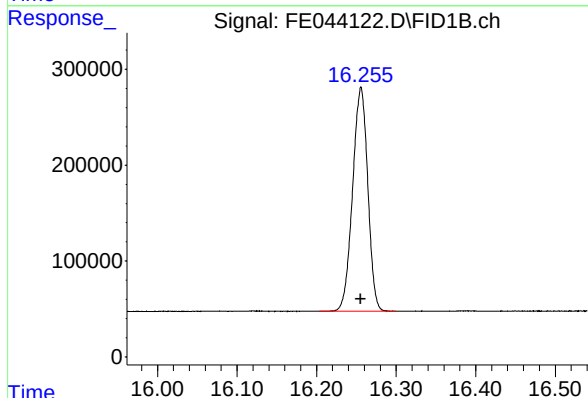
R.T.: 14.129 min
Delta R.T.: -0.001 min
Response: 3241281
Conc: 20.29 ug/ml

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20 PPM ALIPHATIC HC STD



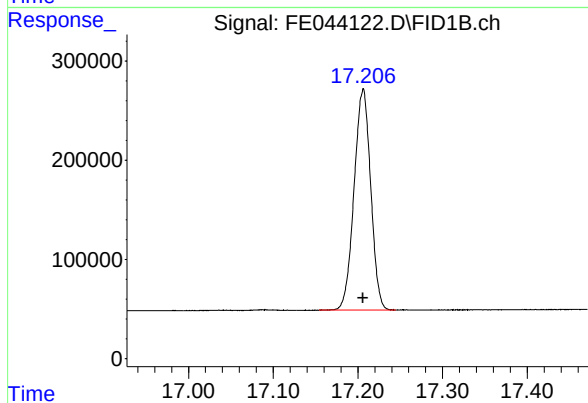
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: 0.000 min
Response: 3194264
Conc: 20.43 ug/ml



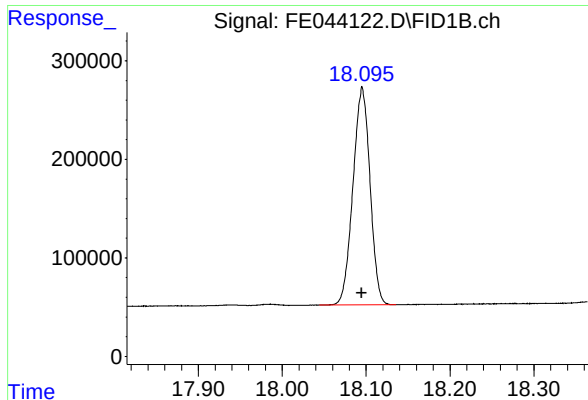
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: 0.000 min
Response: 3096013
Conc: 20.54 ug/ml



#16 n-Octacosane (C28)

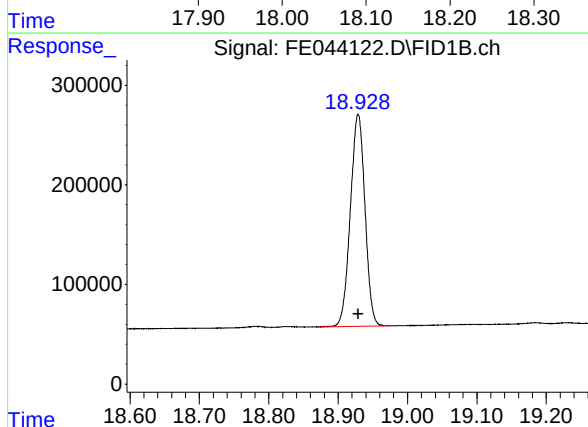
R.T.: 17.206 min
Delta R.T.: 0.000 min
Response: 3037950
Conc: 21.05 ug/ml



#17 n-Tricontane (C30)

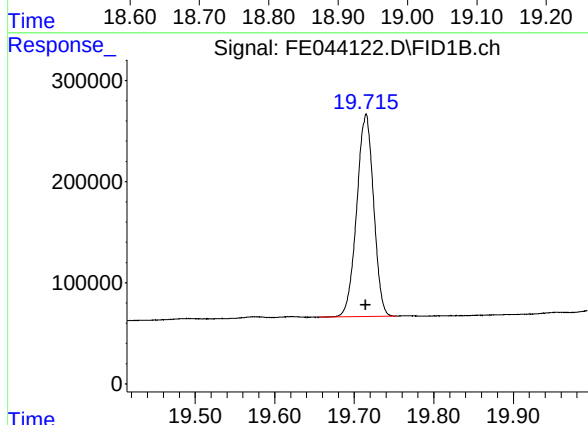
R.T.: 18.095 min
Delta R.T.: 0.000 min
Response: 3117217
Conc: 21.46 ug/ml

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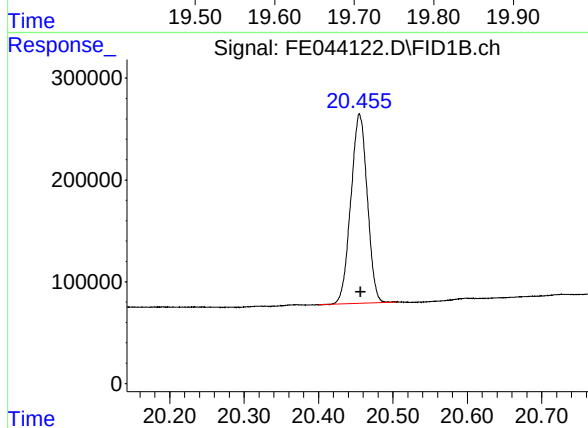
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: 0.000 min
Response: 3115245
Conc: 21.87 ug/ml



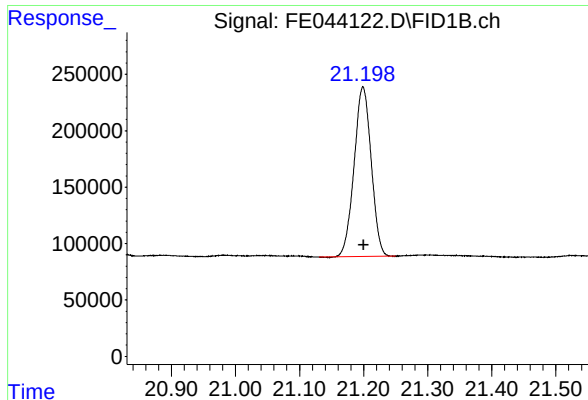
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: 0.000 min
Response: 2946336
Conc: 21.05 ug/ml



#20 n-Hexatriacontane (C36)

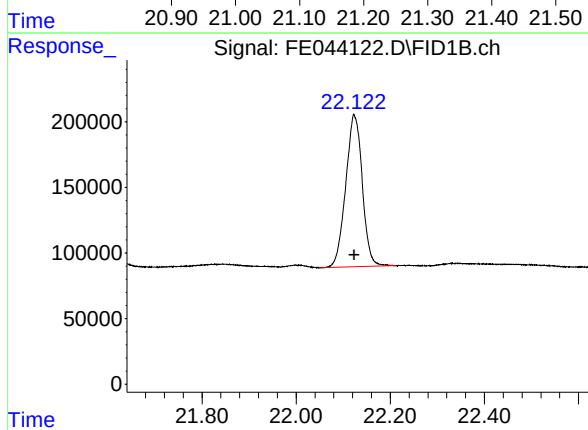
R.T.: 20.455 min
Delta R.T.: -0.002 min
Response: 2853181
Conc: 20.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: 0.000 min
Response: 2788474
Conc: 20.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: 0.000 min
Response: 2828751
Conc: 20.46 ug/ml