

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051424AL\
 Data File : FE048153.D
 Signal(s) : FID1B.ch
 Acq On : 14 May 2024 11:27
 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: May 15 05:54:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.954	2965818	20.558 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
12) S 1-chlorooctadecane (S...	13.388	2180097	19.510 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.346	3012426	23.374 ug/ml
2) T n-Decane (C10)	4.594	3039258	23.085 ug/ml
3) T A~Naphthalene (C11.7)	6.298	3055083	22.125 ug/ml
4) T n-Dodecane (C12)	6.758	2988449	22.417 ug/ml
5) T A~2-methylnaphthalene...	7.394	2859224	21.486 ug/ml
6) T n-Tetradecane (C14)	8.585	2875462	21.698 ug/ml
7) T n-Hexadecane (C16)	10.193	2909455	21.155 ug/ml
8) T n-Octadecane (C18)	11.634	2907352	20.872 ug/ml
10) T n-Eicosane (C20)	12.944	2750298	20.427 ug/ml
11) T n-Heneicosane (C21)	13.555	2673167	20.194 ug/ml
13) T n-Docosane (C22)	14.140	2644876	19.958 ug/ml
14) T n-Tetracosane (C24)	15.243	2643030	19.850 ug/ml
15) T n-Hexacosane (C26)	16.262	2614251	19.591 ug/ml
16) T n-Octacosane (C28)	17.210	2589203	19.446 ug/ml
17) T n-Tricontane (C30)	18.096	2688231	19.478 ug/ml
18) T n-Dotriacontane (C32)	18.928	2726811	19.742 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2604863	19.122 ug/ml
20) T n-Hexatriacontane (C36)	20.449	2559027	18.900 ug/ml
21) T n-Octatriacontane (C38)	21.188	2361701	17.105 ug/ml
22) T n-Tetracontane (C40)	22.106	2174841	15.610 ug/ml

(f)=RT Delta > 1/2 Window

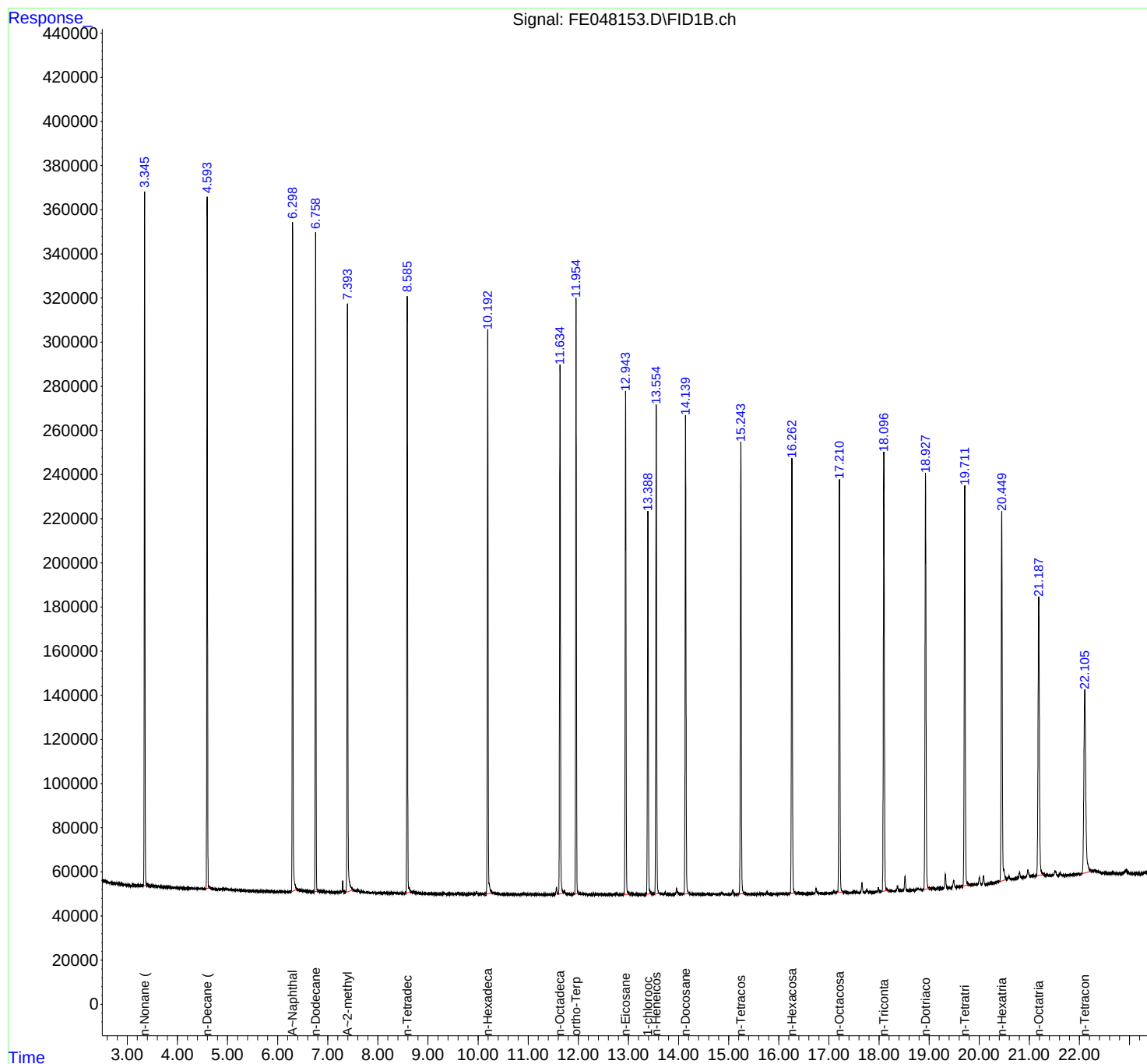
(m)=manual int.

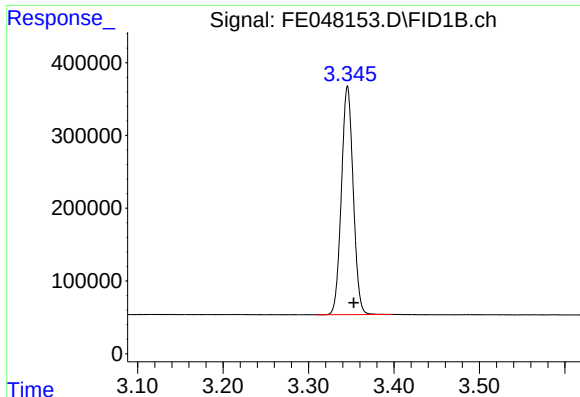
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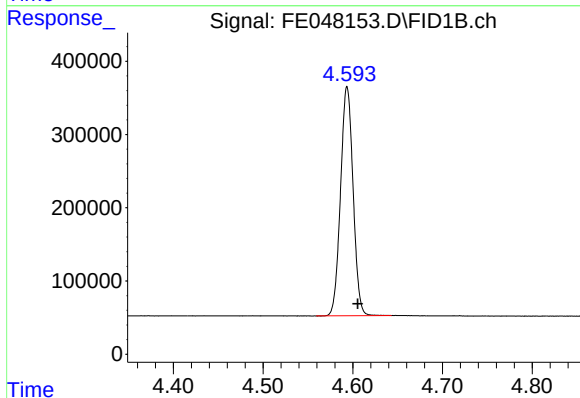




#1 n-Nonane (C9)

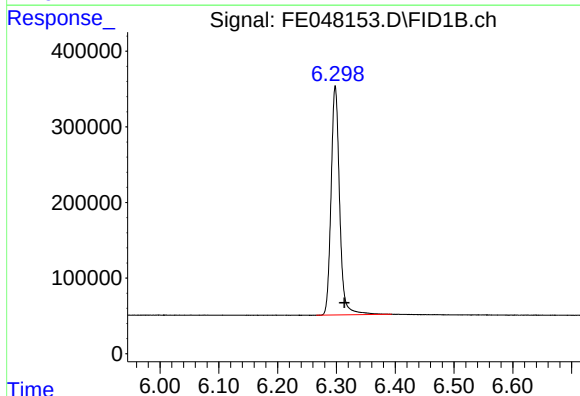
R.T.: 3.346 min
Delta R.T.: -0.007 min
Response: 3012426
Conc: 23.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



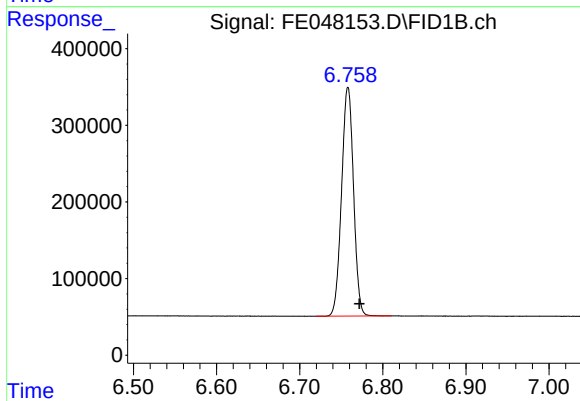
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.012 min
Response: 3039258
Conc: 23.09 ug/ml



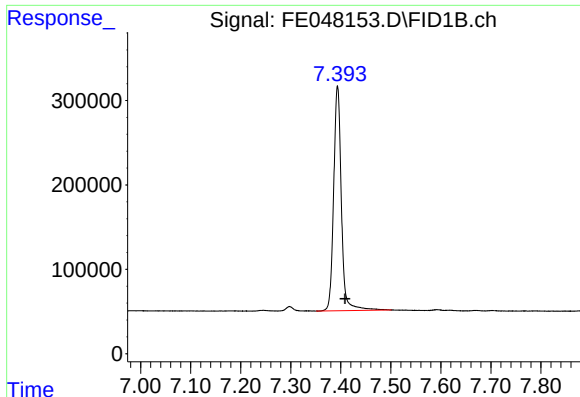
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.015 min
Response: 3055083
Conc: 22.13 ug/ml



#4 n-Dodecane (C12)

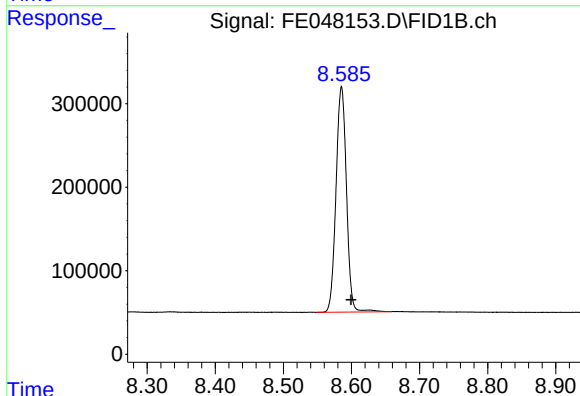
R.T.: 6.758 min
Delta R.T.: -0.014 min
Response: 2988449
Conc: 22.42 ug/ml



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

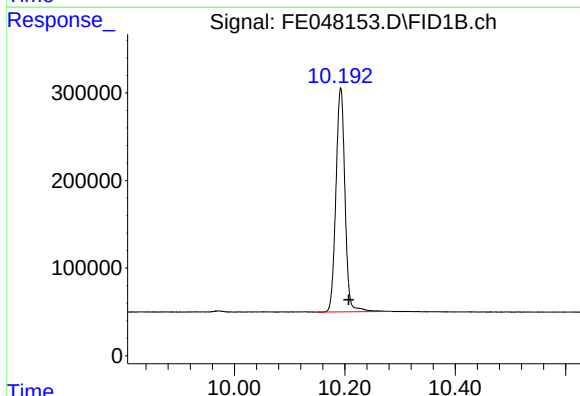
R.T.: 7.394 min
Delta R.T.: -0.015 min
Response: 2859224
Conc: 21.49 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



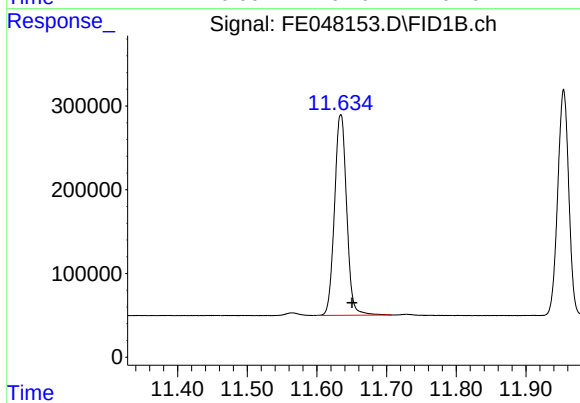
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.014 min
Response: 2875462
Conc: 21.70 ug/ml



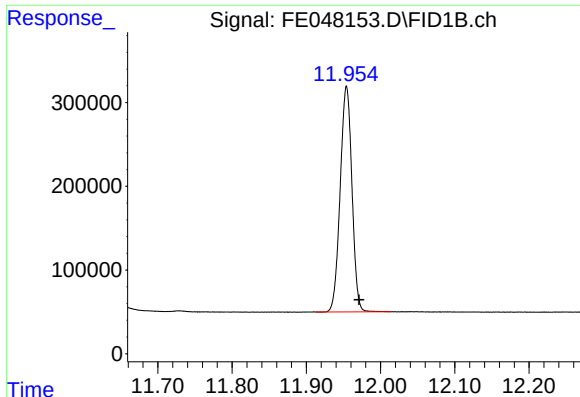
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: -0.014 min
Response: 2909455
Conc: 21.15 ug/ml



#8 n-Octadecane (C18)

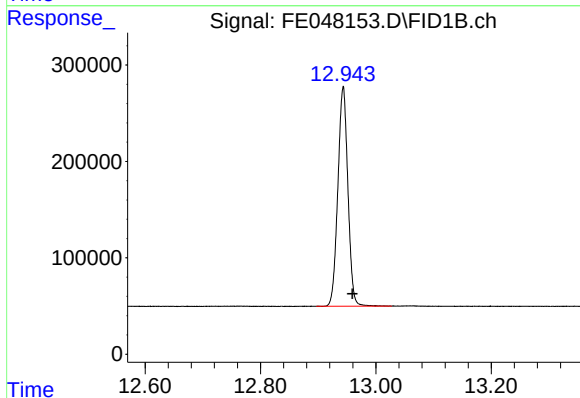
R.T.: 11.634 min
Delta R.T.: -0.016 min
Response: 2907352
Conc: 20.87 ug/ml



#9 ortho-Terphenyl (SURR)

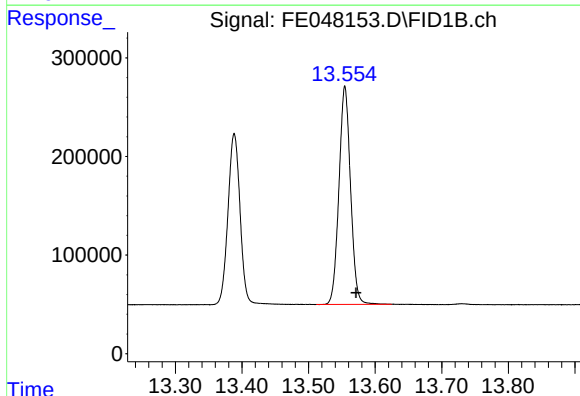
R.T.: 11.954 min
Delta R.T.: -0.017 min
Response: 2965818
Conc: 20.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



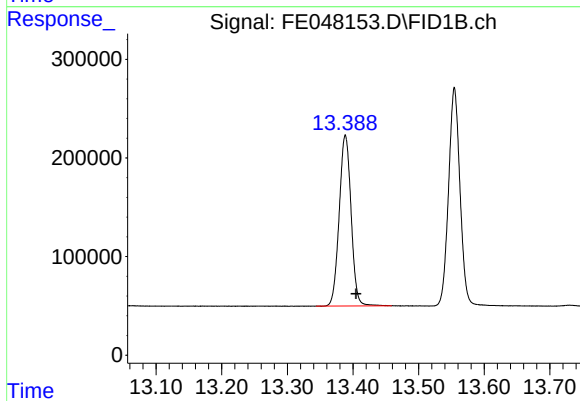
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.016 min
Response: 2750298
Conc: 20.43 ug/ml



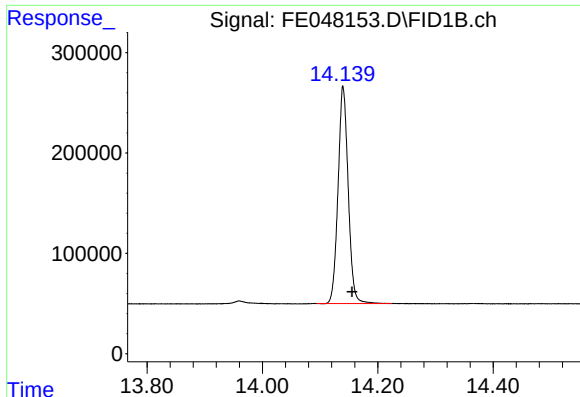
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.017 min
Response: 2673167
Conc: 20.19 ug/ml



#12 1-chlorooctadecane (SURR)

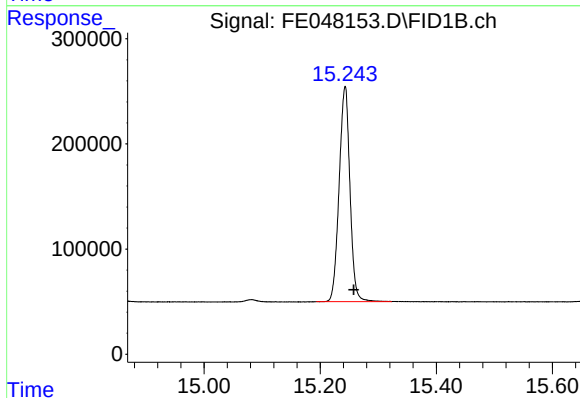
R.T.: 13.388 min
Delta R.T.: -0.016 min
Response: 2180097
Conc: 19.51 ug/ml



#13 n-Docosane (C22)

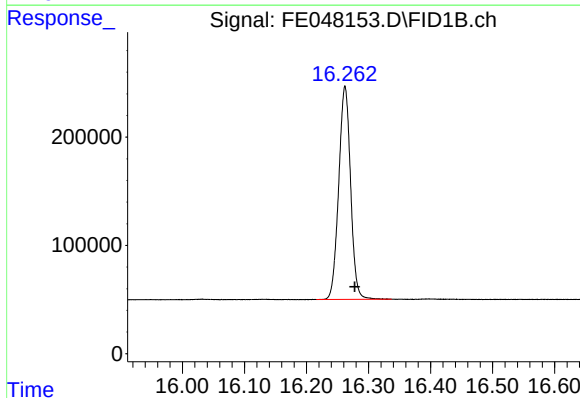
R.T.: 14.140 min
Delta R.T.: -0.016 min
Response: 2644876
Conc: 19.96 ug/ml

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20 PPM ALIPHATIC HC STD



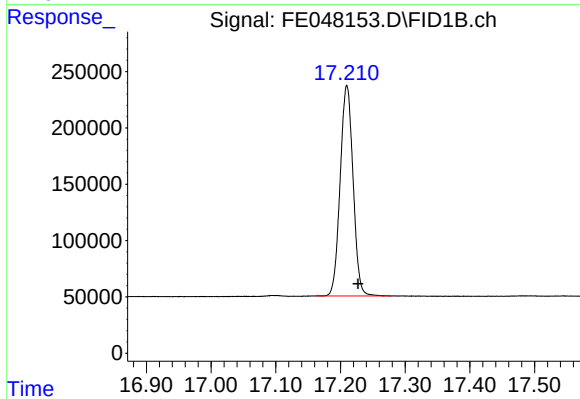
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.015 min
Response: 2643030
Conc: 19.85 ug/ml



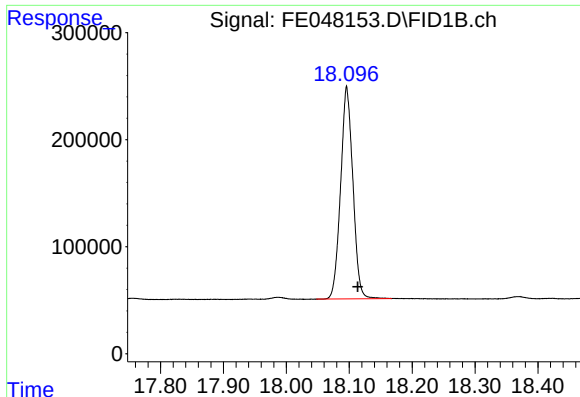
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: -0.016 min
Response: 2614251
Conc: 19.59 ug/ml



#16 n-Octacosane (C28)

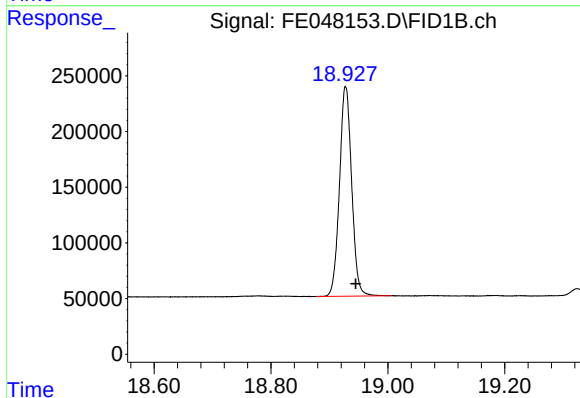
R.T.: 17.210 min
Delta R.T.: -0.017 min
Response: 2589203
Conc: 19.45 ug/ml



#17 n-Tricontane (C30)

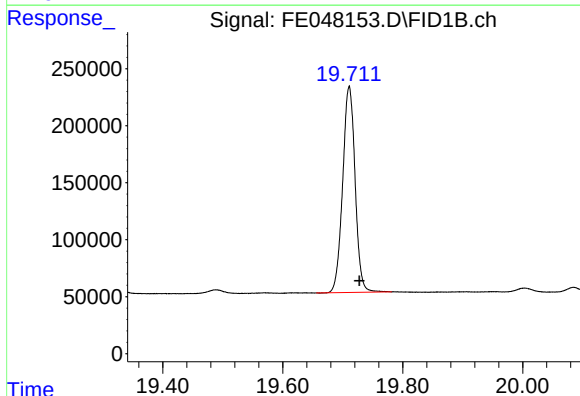
R.T.: 18.096 min
Delta R.T.: -0.017 min
Response: 2688231
Conc: 19.48 ug/ml

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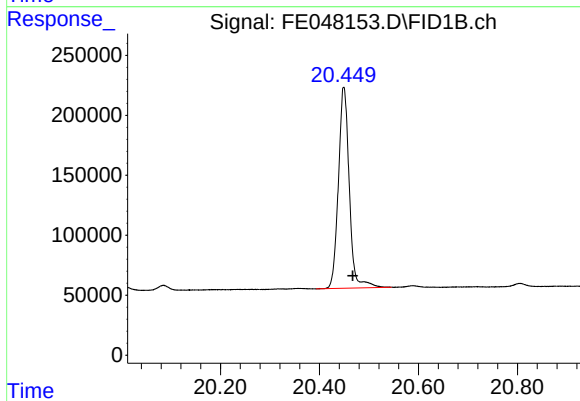
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.017 min
Response: 2726811
Conc: 19.74 ug/ml



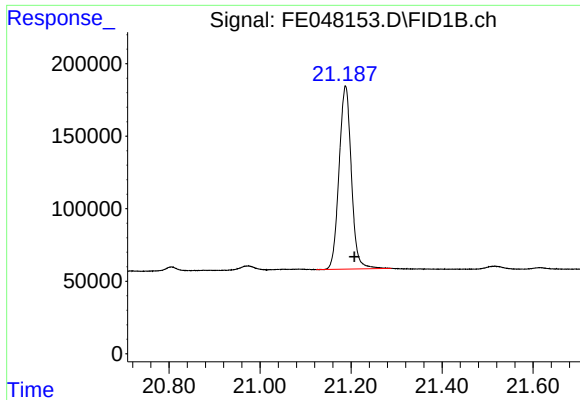
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.017 min
Response: 2604863
Conc: 19.12 ug/ml



#20 n-Hexatriacontane (C36)

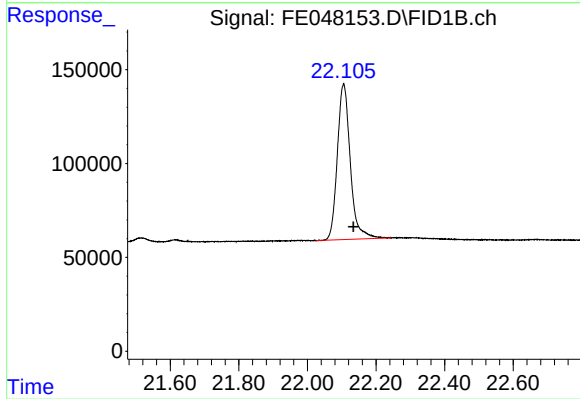
R.T.: 20.449 min
Delta R.T.: -0.018 min
Response: 2559027
Conc: 18.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: -0.020 min
Response: 2361701
Conc: 17.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: -0.028 min
Response: 2174841
Conc: 15.61 ug/ml