

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030425AL\
 Data File : FE052584.D
 Signal(s) : FID1B.ch
 Acq On : 04 Mar 2025 12:15
 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: Mar 05 04:16:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 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)	11.911	3401459	20.176 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
12) S 1-chlorooctadecane (S...	13.357	2449943	20.176 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T n-Nonane (C9)	3.252	3034596	19.572 ug/ml
2) T n-Decane (C10)	4.514	3141488	19.997 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3399956	20.048 ug/ml
4) T n-Dodecane (C12)	6.695	3129785	20.101 ug/ml
5) T A~2-methylnaphthalene...	7.330	3260185	20.117 ug/ml
6) T n-Tetradecane (C14)	8.532	3048983	20.151 ug/ml
7) T n-Hexadecane (C16)	10.146	3085497	20.181 ug/ml
8) T n-Octadecane (C18)	11.595	3066054	20.153 ug/ml
10) T n-Eicosane (C20)	12.911	2929517	20.179 ug/ml
11) T n-Heneicosane (C21)	13.526	2870333	20.167 ug/ml
13) T n-Docosane (C22)	14.114	2877540	20.220 ug/ml
14) T n-Tetracosane (C24)	15.221	2915540	20.373 ug/ml
15) T n-Hexacosane (C26)	16.245	2904588	20.427 ug/ml
16) T n-Octacosane (C28)	17.198	2930952	20.612 ug/ml
17) T n-Tricontane (C30)	18.088	3022140	20.461 ug/ml
18) T n-Dotriacontane (C32)	18.923	2960653	20.393 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2721380	20.191 ug/ml
20) T n-Hexatriacontane (C36)	20.450	2412358	20.302 ug/ml
21) T n-Octatriacontane (C38)	21.194	2236101	20.157 ug/ml
22) T n-Tetracontane (C40)	22.115	2155310	19.935 ug/ml

(f)=RT Delta > 1/2 Window

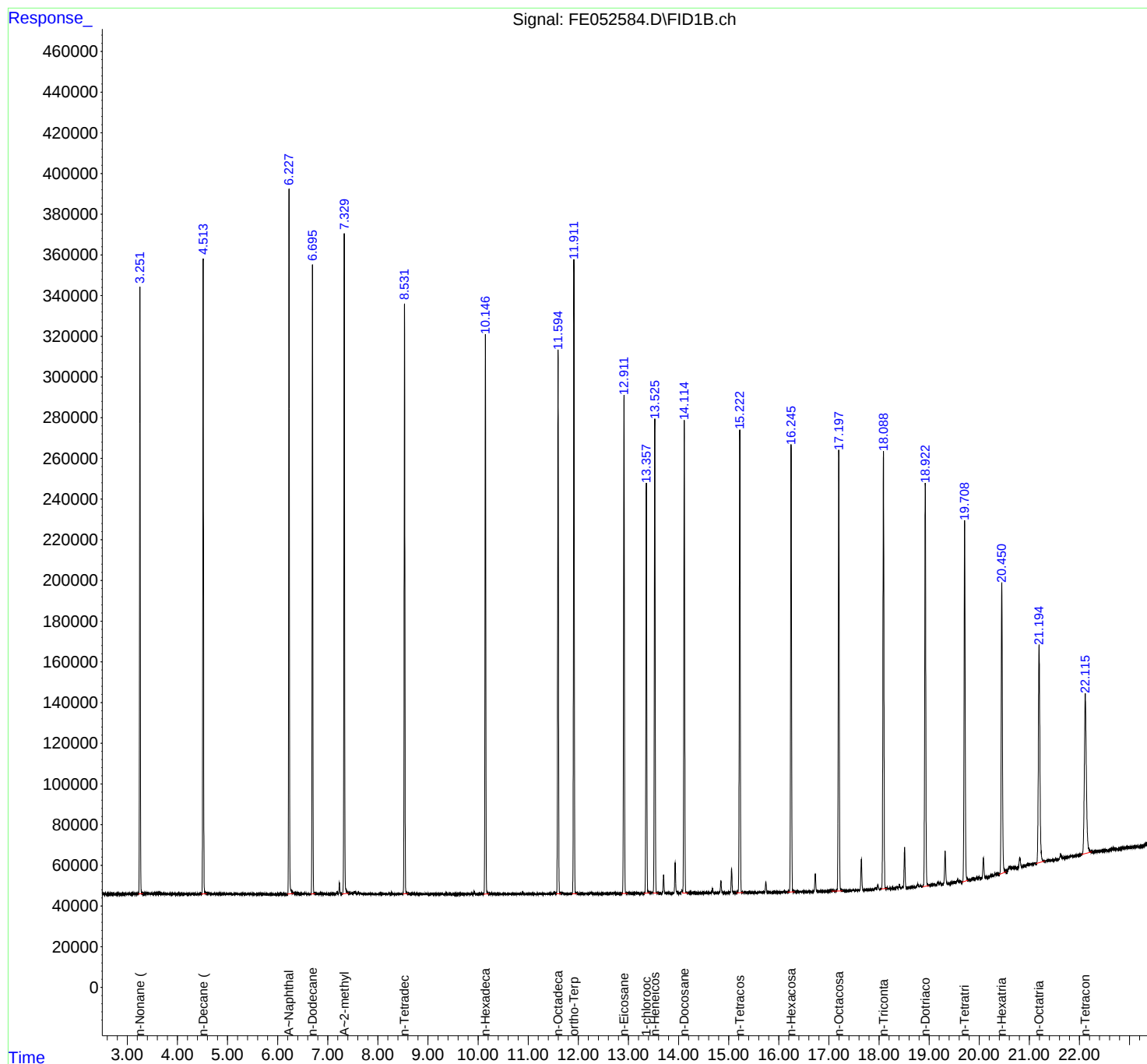
(m)=manual int.

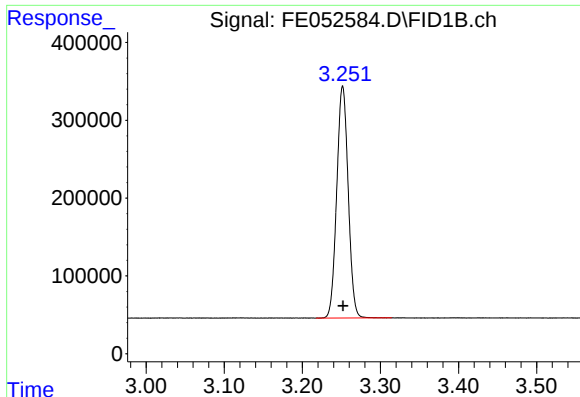
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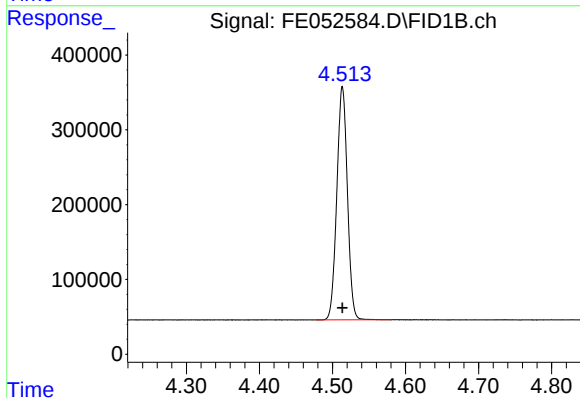




#1 n-Nonane (C9)

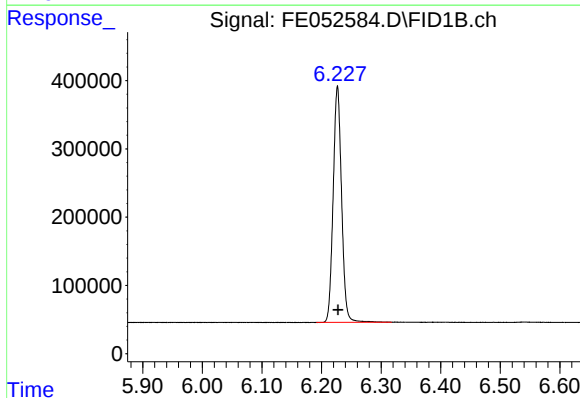
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 3034596
Conc: 19.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



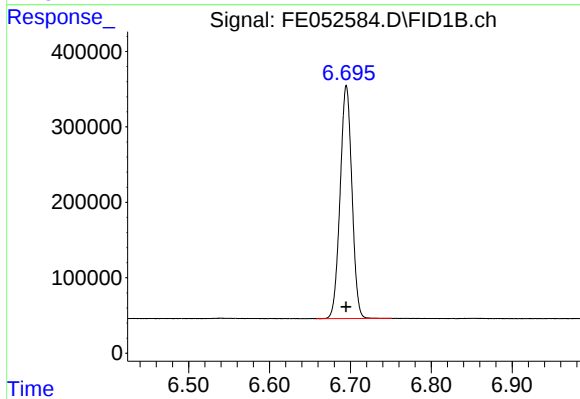
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 3141488
Conc: 20.00 ug/ml



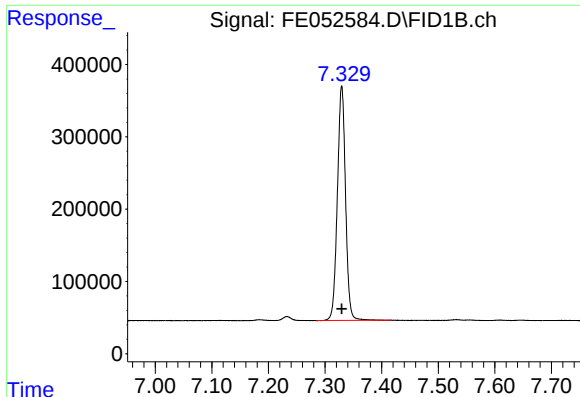
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.001 min
Response: 3399956
Conc: 20.05 ug/ml



#4 n-Dodecane (C12)

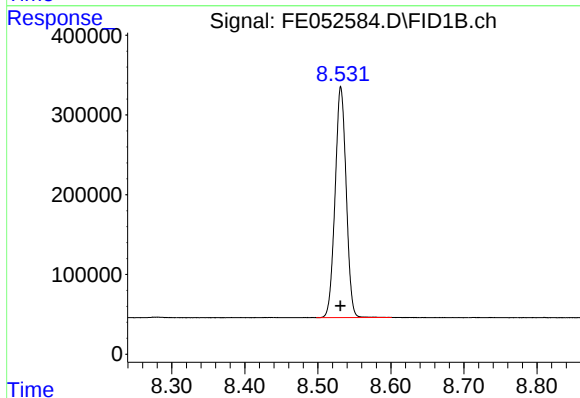
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 3129785
Conc: 20.10 ug/ml



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

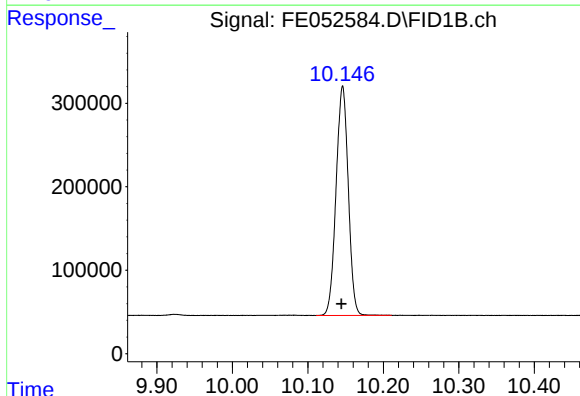
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 3260185
Conc: 20.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



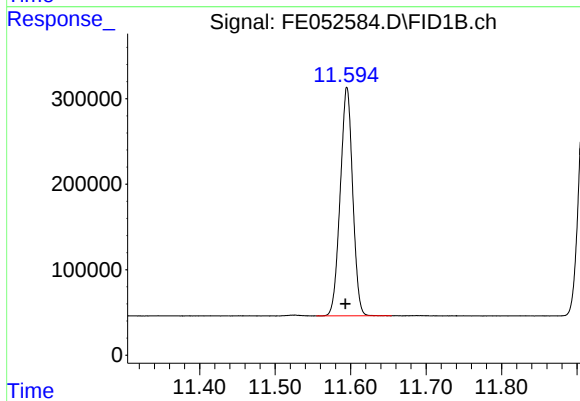
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: 0.000 min
Response: 3048983
Conc: 20.15 ug/ml



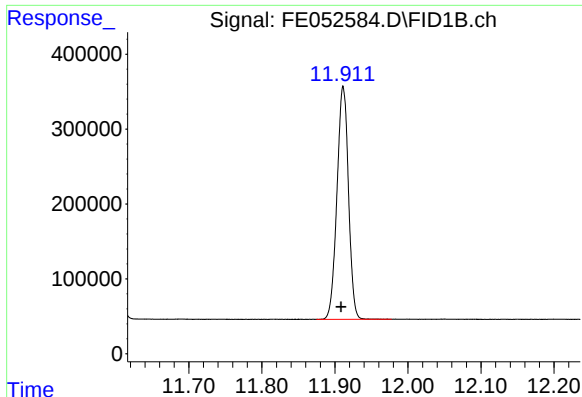
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: 0.001 min
Response: 3085497
Conc: 20.18 ug/ml



#8 n-Octadecane (C18)

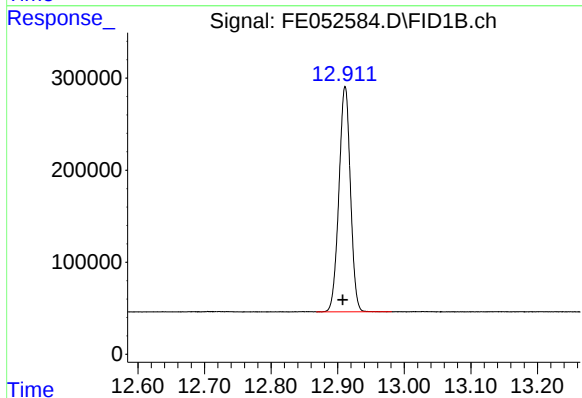
R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 3066054
Conc: 20.15 ug/ml



#9 ortho-Terphenyl (SURR)

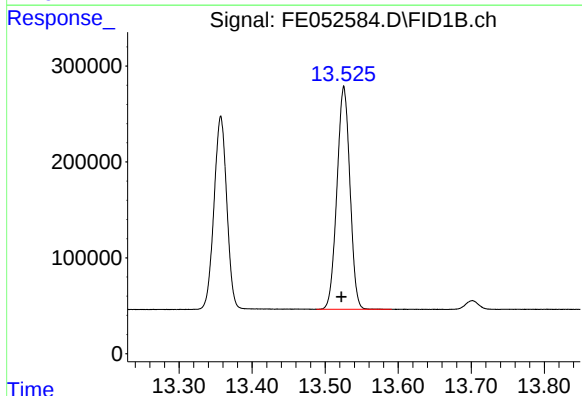
R.T.: 11.911 min
Delta R.T.: 0.003 min
Response: 3401459
Conc: 20.18 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



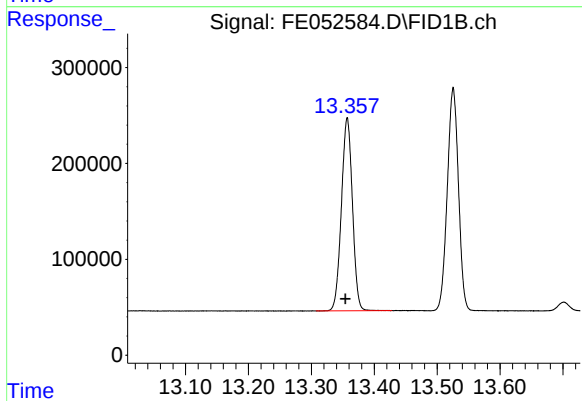
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.003 min
Response: 2929517
Conc: 20.18 ug/ml



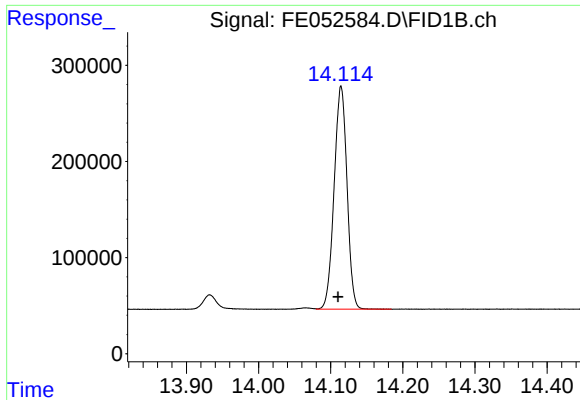
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: 0.003 min
Response: 2870333
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

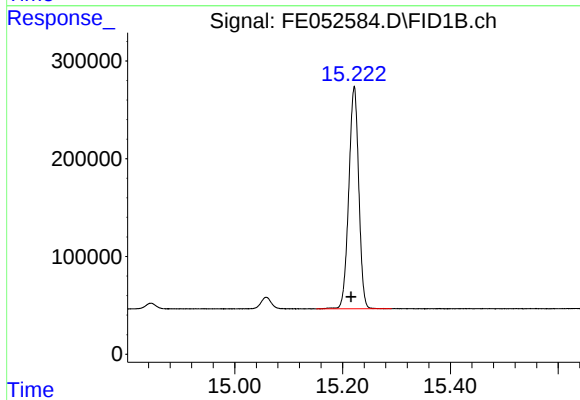
R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 2449943
Conc: 20.18 ug/ml



#13 n-Docosane (C22)

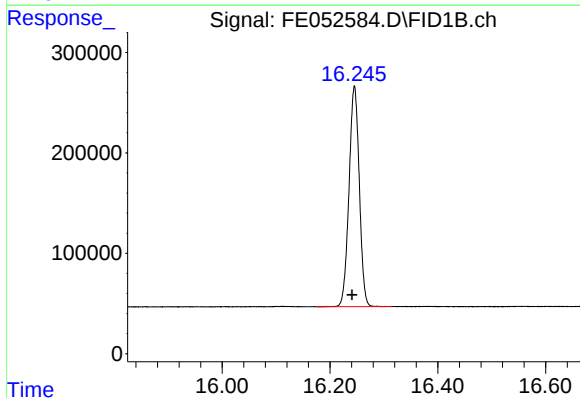
R.T.: 14.114 min
Delta R.T.: 0.004 min
Response: 2877540
Conc: 20.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



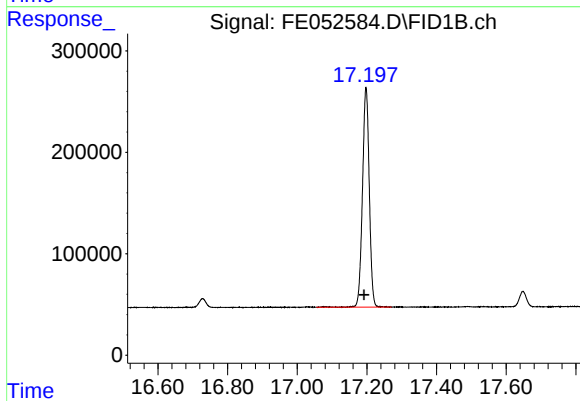
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: 0.005 min
Response: 2915540
Conc: 20.37 ug/ml



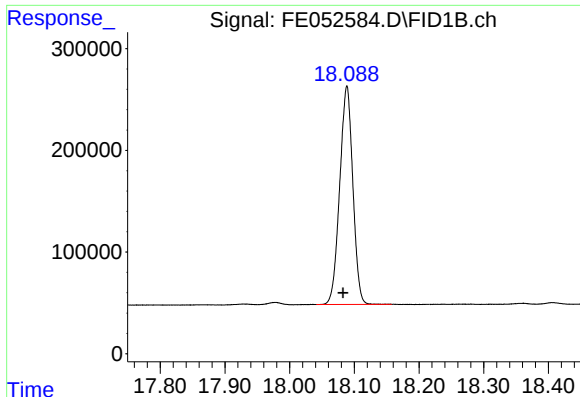
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.005 min
Response: 2904588
Conc: 20.43 ug/ml



#16 n-Octacosane (C28)

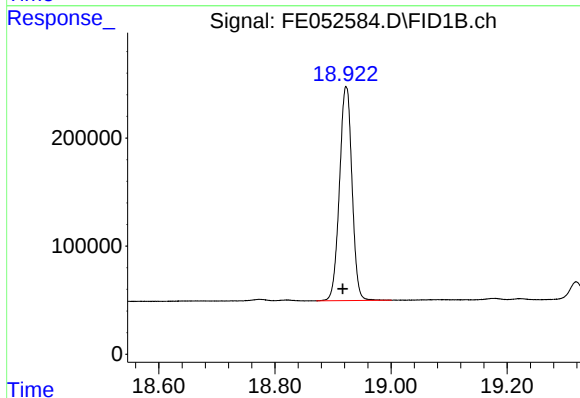
R.T.: 17.198 min
Delta R.T.: 0.006 min
Response: 2930952
Conc: 20.61 ug/ml



#17 n-Tricontane (C30)

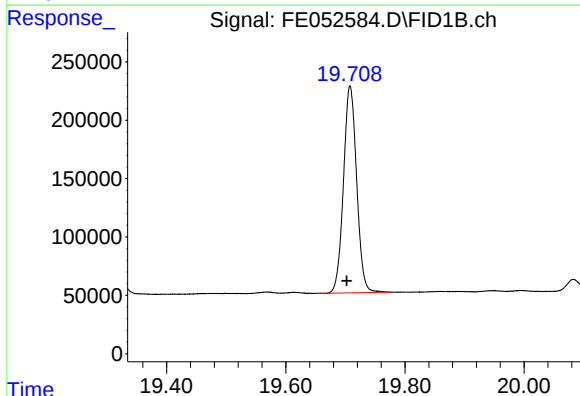
R.T.: 18.088 min
Delta R.T.: 0.006 min
Response: 3022140
Conc: 20.46 ug/ml

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20 PPM ALIPHATIC HC STD



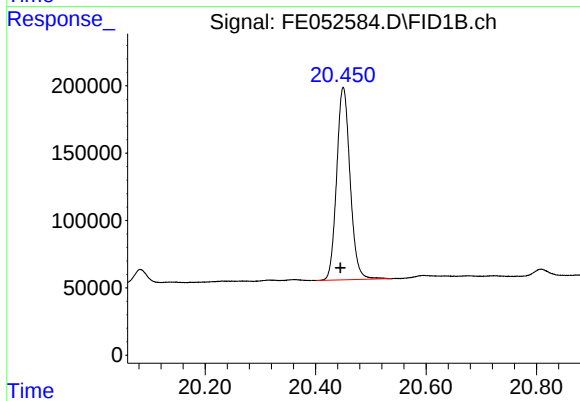
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.006 min
Response: 2960653
Conc: 20.39 ug/ml



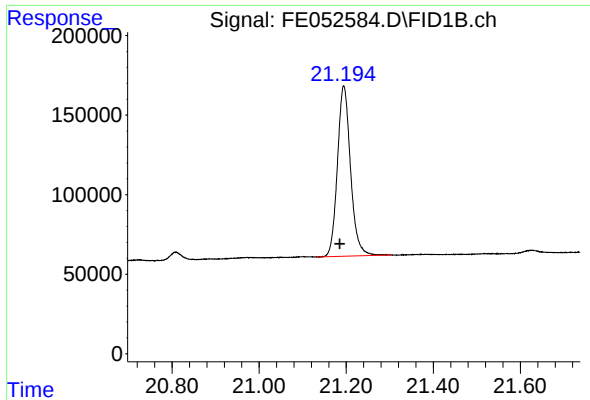
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: 0.005 min
Response: 2721380
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

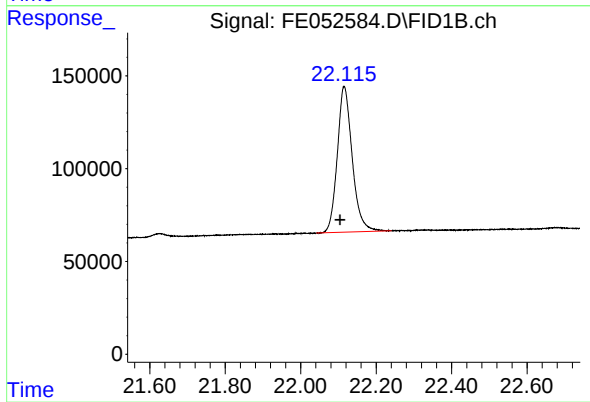
R.T.: 20.450 min
Delta R.T.: 0.005 min
Response: 2412358
Conc: 20.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: 0.010 min
Response: 2236101
Conc: 20.16 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: 0.011 min
Response: 2155310
Conc: 19.94 ug/ml