

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051724AL\
 Data File : FE048271.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2024 07:12
 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 18 07:36:53 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)	11.957	2465967	17.093 ug/ml
Spiked Amount 50.000		Recovery =	34.19%
12) S 1-chlorooctadecane (S...	13.391	1896369	16.971 ug/ml
Spiked Amount 50.000		Recovery =	33.94%
Target Compounds			
1) T n-Nonane (C9)	3.344	2323607	18.029 ug/ml
2) T n-Decane (C10)	4.593	2475079	18.800 ug/ml
3) T A~Naphthalene (C11.7)	6.299	2465066	17.852 ug/ml
4) T n-Dodecane (C12)	6.758	2455986	18.423 ug/ml
5) T A~2-methylnaphthalene...	7.395	2338045	17.569 ug/ml
6) T n-Tetradecane (C14)	8.586	2367459	17.865 ug/ml
7) T n-Hexadecane (C16)	10.194	2406665	17.499 ug/ml
8) T n-Octadecane (C18)	11.636	2405322	17.268 ug/ml
10) T n-Eicosane (C20)	12.946	2313405	17.182 ug/ml
11) T n-Heneicosane (C21)	13.557	2250134	16.998 ug/ml
13) T n-Docosane (C22)	14.144	2303108	17.379 ug/ml
14) T n-Tetracosane (C24)	15.245	2429374	18.245 ug/ml
15) T n-Hexacosane (C26)	16.265	2528761	18.950 ug/ml
16) T n-Octacosane (C28)	17.214	2692933	20.225 ug/ml
17) T n-Tricontane (C30)	18.100	2973703	21.546 ug/ml
18) T n-Dotriacontane (C32)	18.932	3020425	21.867 ug/ml
19) T n-Tetratriacontane (C34)	19.715	2731735	20.053 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2547208	18.813 ug/ml
21) T n-Octatriacontane (C38)	21.193	2448764	17.736 ug/ml
22) T n-Tetracontane (C40)	22.112	2413713	17.325 ug/ml

(f)=RT Delta > 1/2 Window

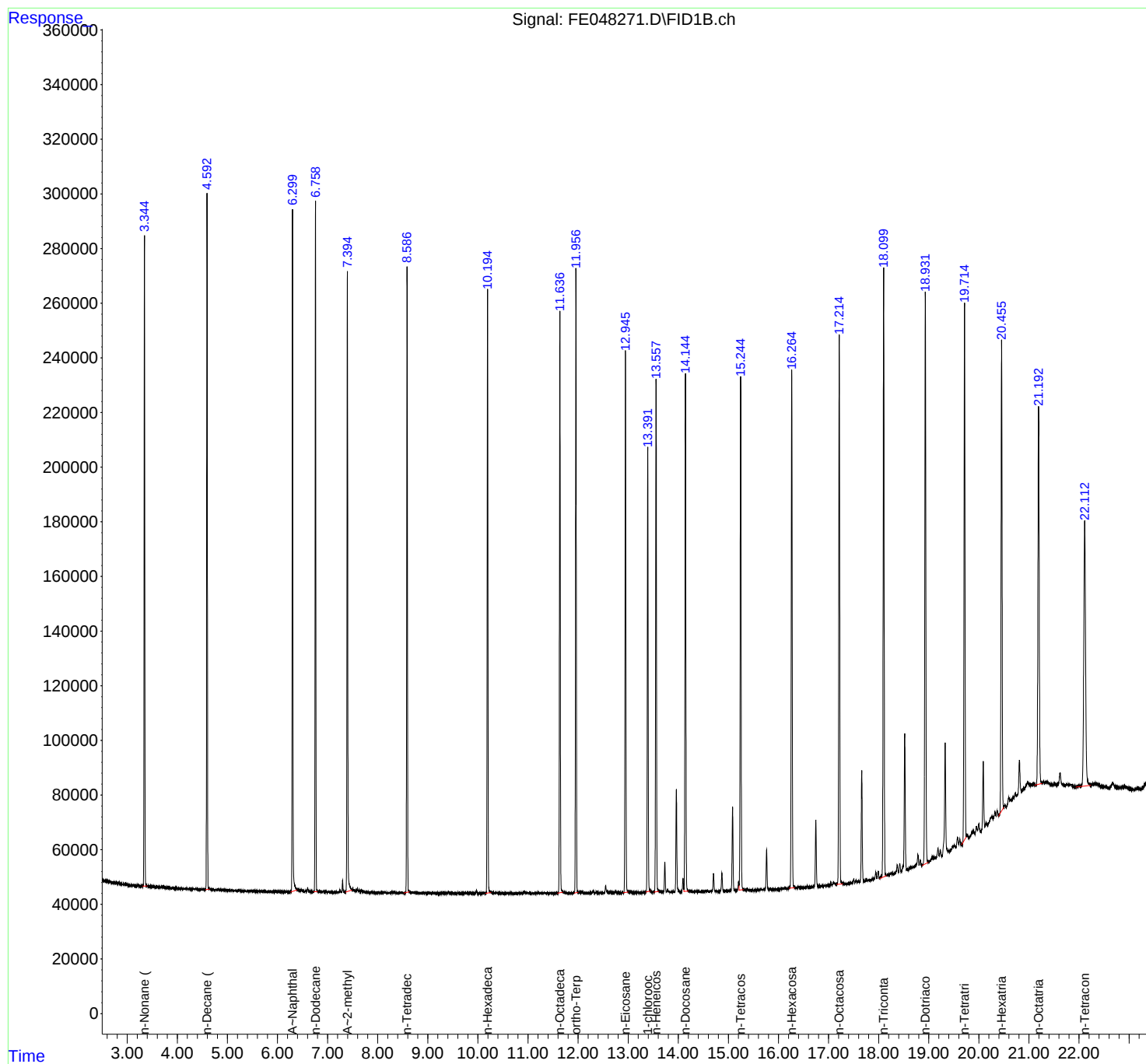
(m)=manual int.

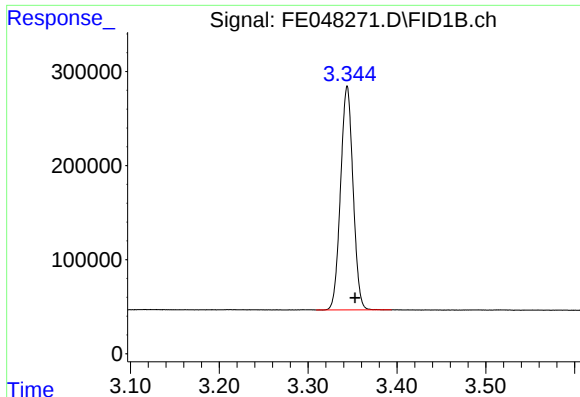
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051724AL\
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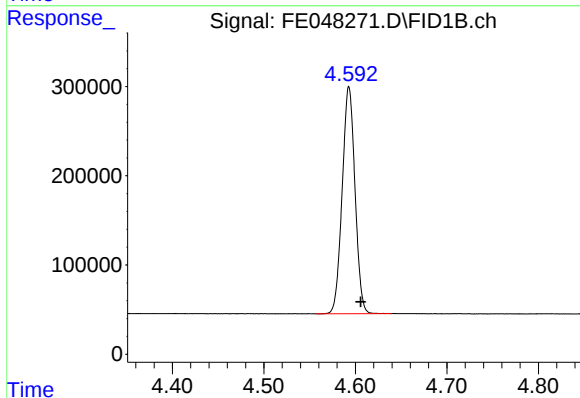




#1 n-Nonane (C9)

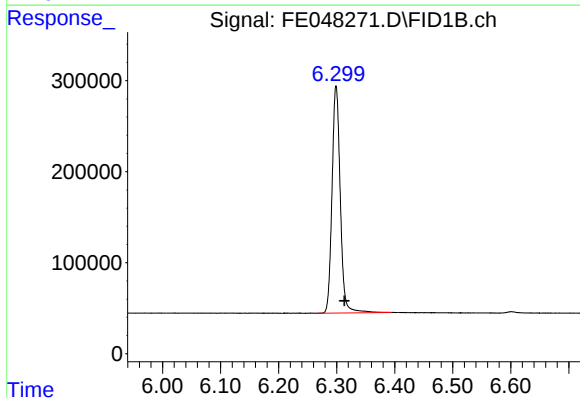
R.T.: 3.344 min
Delta R.T.: -0.009 min
Response: 2323607
Conc: 18.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



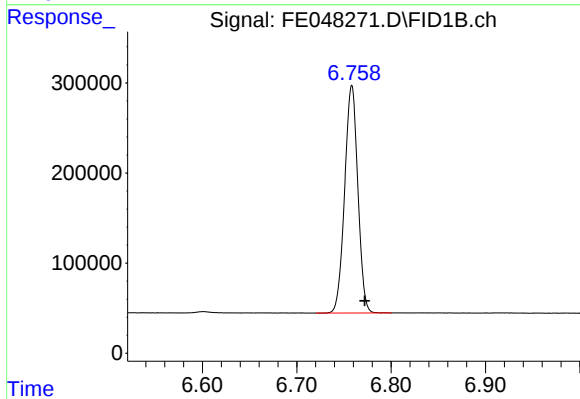
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.013 min
Response: 2475079
Conc: 18.80 ug/ml



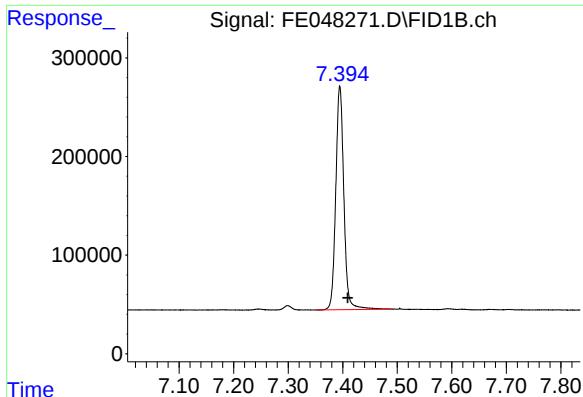
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.014 min
Response: 2465066
Conc: 17.85 ug/ml



#4 n-Dodecane (C12)

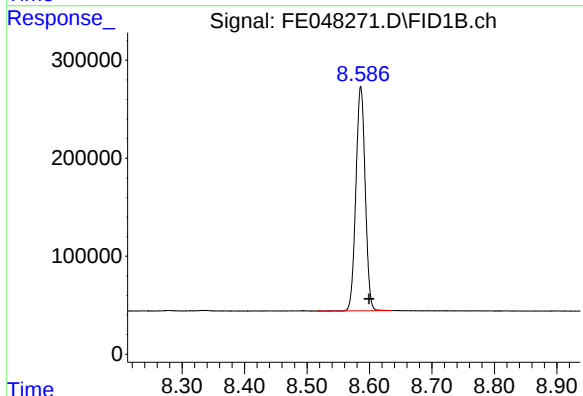
R.T.: 6.758 min
Delta R.T.: -0.013 min
Response: 2455986
Conc: 18.42 ug/ml



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

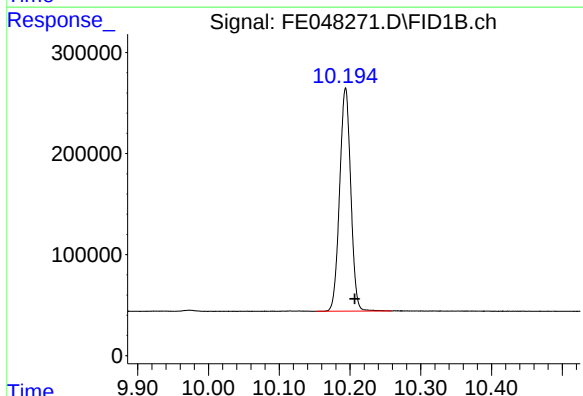
R.T.: 7.395 min
Delta R.T.: -0.014 min
Response: 2338045
Conc: 17.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



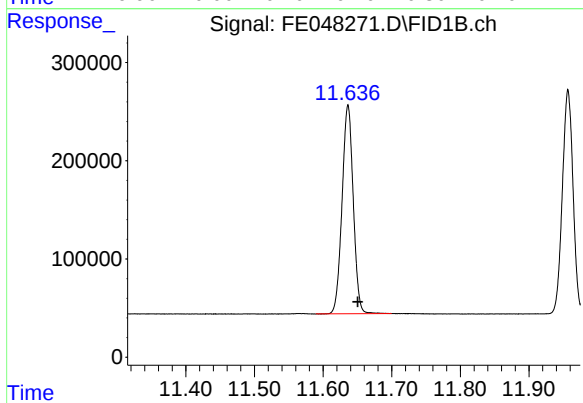
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: -0.013 min
Response: 2367459
Conc: 17.86 ug/ml



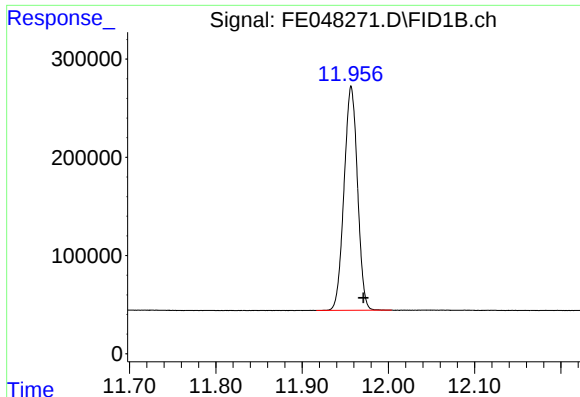
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.013 min
Response: 2406665
Conc: 17.50 ug/ml



#8 n-Octadecane (C18)

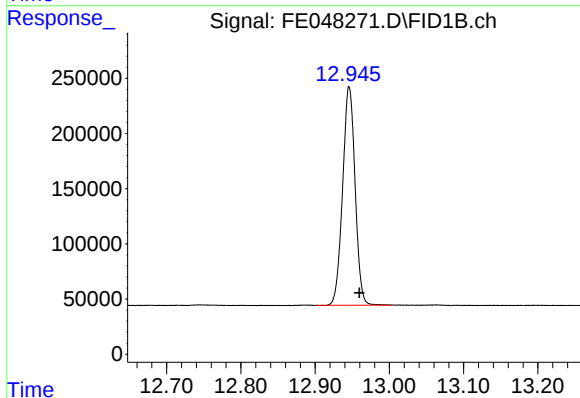
R.T.: 11.636 min
Delta R.T.: -0.014 min
Response: 2405322
Conc: 17.27 ug/ml



#9 ortho-Terphenyl (SURR)

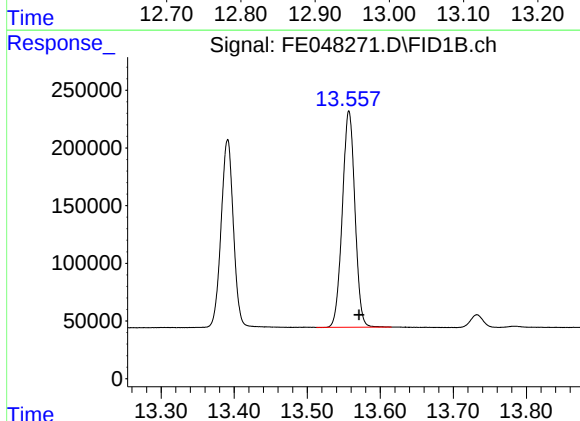
R.T.: 11.957 min
Delta R.T.: -0.014 min
Response: 2465967
Conc: 17.09 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



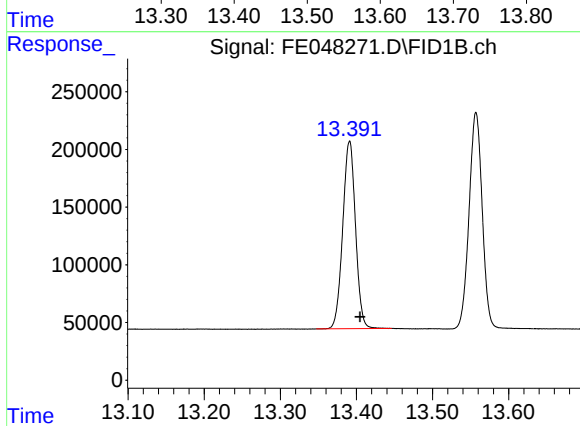
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: -0.014 min
Response: 2313405
Conc: 17.18 ug/ml



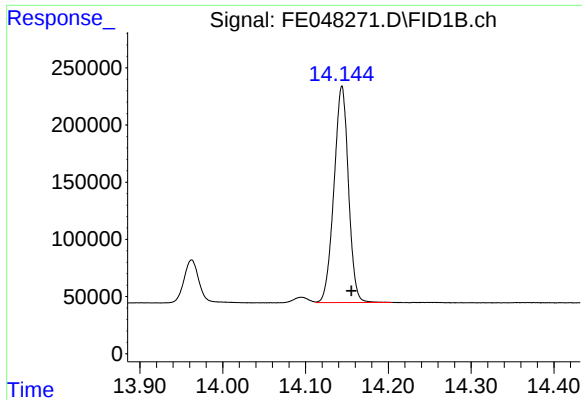
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.014 min
Response: 2250134
Conc: 17.00 ug/ml



#12 1-chlorooctadecane (SURR)

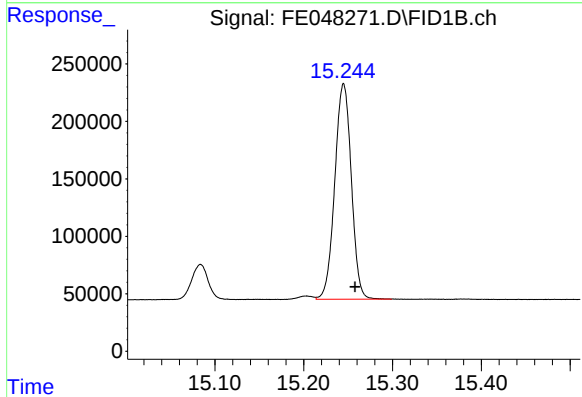
R.T.: 13.391 min
Delta R.T.: -0.014 min
Response: 1896369
Conc: 16.97 ug/ml



#13 n-Docosane (C22)

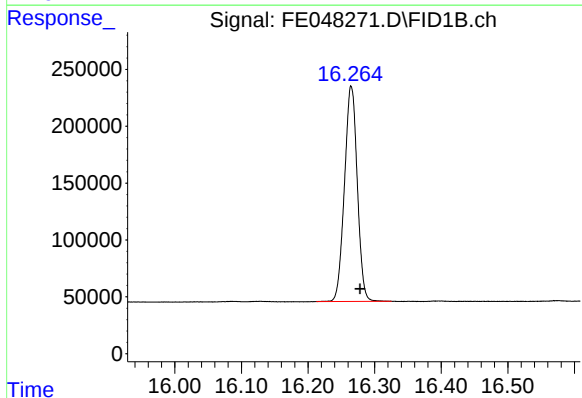
R.T.: 14.144 min
Delta R.T.: -0.012 min
Response: 2303108
Conc: 17.38 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



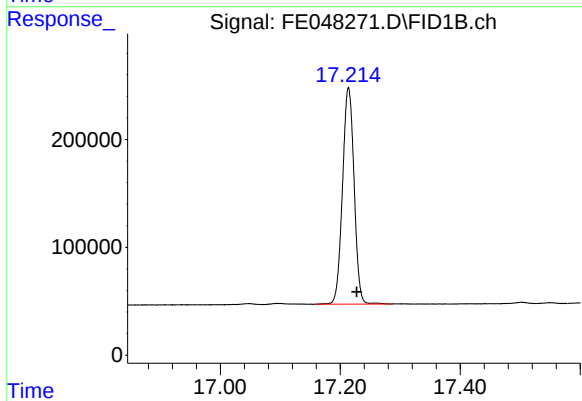
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.013 min
Response: 2429374
Conc: 18.24 ug/ml



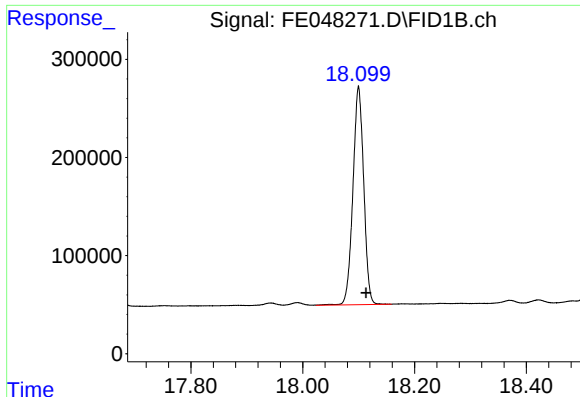
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.013 min
Response: 2528761
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

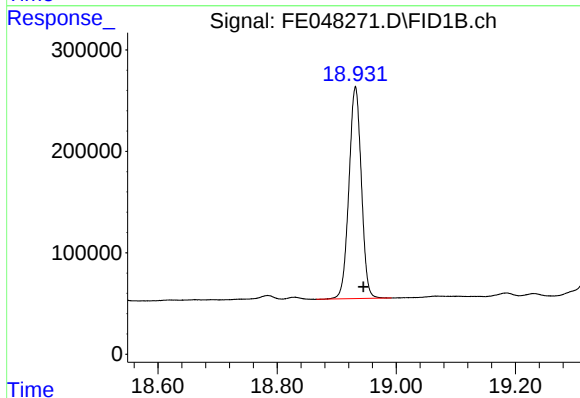
R.T.: 17.214 min
Delta R.T.: -0.014 min
Response: 2692933
Conc: 20.23 ug/ml



#17 n-Tricontane (C30)

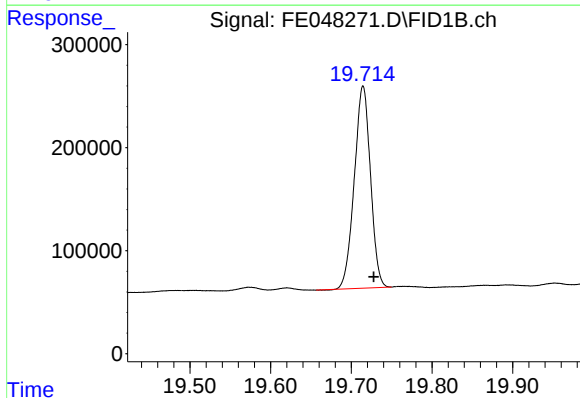
R.T.: 18.100 min
Delta R.T.: -0.014 min
Response: 2973703
Conc: 21.55 ug/ml

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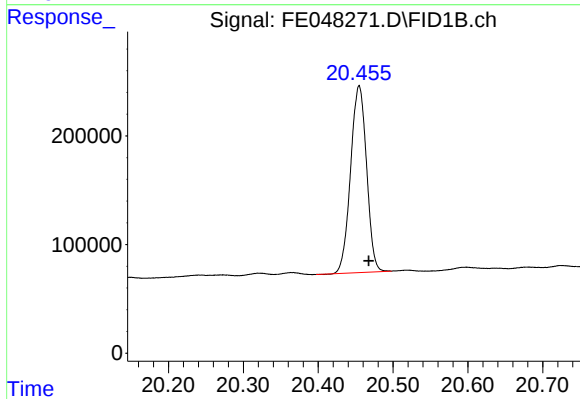
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.013 min
Response: 3020425
Conc: 21.87 ug/ml



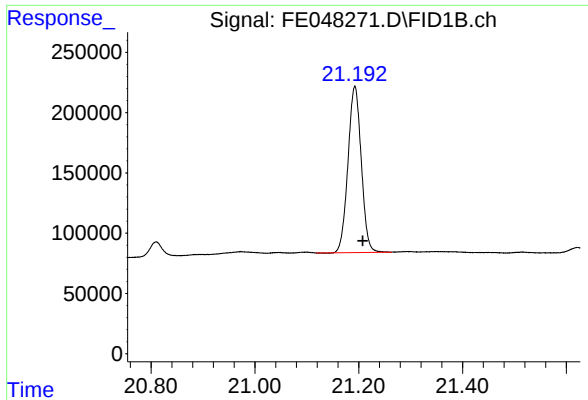
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.013 min
Response: 2731735
Conc: 20.05 ug/ml



#20 n-Hexatriacontane (C36)

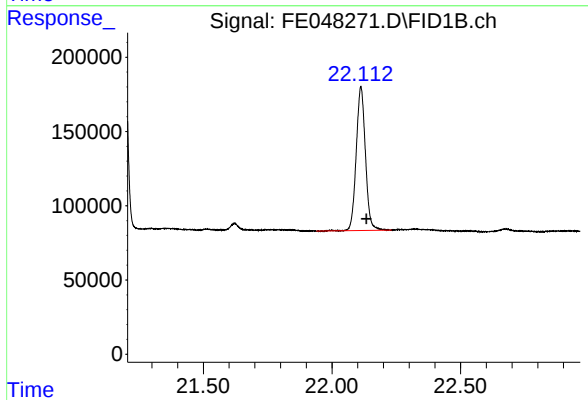
R.T.: 20.455 min
Delta R.T.: -0.013 min
Response: 2547208
Conc: 18.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.015 min
Response: 2448764
Conc: 17.74 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: -0.022 min
Response: 2413713
Conc: 17.32 ug/ml