

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050324AL\
 Data File : FE047962.D
 Signal(s) : FID1B.ch
 Acq On : 03 May 2024 12:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 03 23:45:28 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)	11.967	2734298	18.953 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
12) S 1-chlorooctadecane (S...	13.401	2113162	18.911 ug/ml
Spiked Amount 50.000		Recovery =	37.82%
Target Compounds			
1) T n-Nonane (C9)	3.349	2410306	18.702 ug/ml
2) T n-Decane (C10)	4.601	2495787	18.957 ug/ml
3) T A~Naphthalene (C11.7)	6.309	2620866	18.980 ug/ml
4) T n-Dodecane (C12)	6.767	2521788	18.916 ug/ml
5) T A~2-methylnaphthalene...	7.405	2524255	18.969 ug/ml
6) T n-Tetradecane (C14)	8.596	2504142	18.896 ug/ml
7) T n-Hexadecane (C16)	10.203	2600293	18.907 ug/ml
8) T n-Octadecane (C18)	11.645	2645333	18.991 ug/ml
10) T n-Eicosane (C20)	12.955	2564867	19.049 ug/ml
11) T n-Heneicosane (C21)	13.567	2511071	18.969 ug/ml
13) T n-Docosane (C22)	14.153	2563619	19.345 ug/ml
14) T n-Tetracosane (C24)	15.256	2674129	20.083 ug/ml
15) T n-Hexacosane (C26)	16.276	2746564	20.582 ug/ml
16) T n-Octacosane (C28)	17.224	2841024	21.338 ug/ml
17) T n-Tricontane (C30)	18.111	3024800	21.917 ug/ml
18) T n-Dotriacontane (C32)	18.942	3004940	21.755 ug/ml
19) T n-Tetratriacontane (C34)	19.726	2839121	20.842 ug/ml
20) T n-Hexatriacontane (C36)	20.465	2669027	19.712 ug/ml
21) T n-Octatriacontane (C38)	21.207	2626418	19.023 ug/ml
22) T n-Tetracontane (C40)	22.130	2538812	18.223 ug/ml

(f)=RT Delta > 1/2 Window

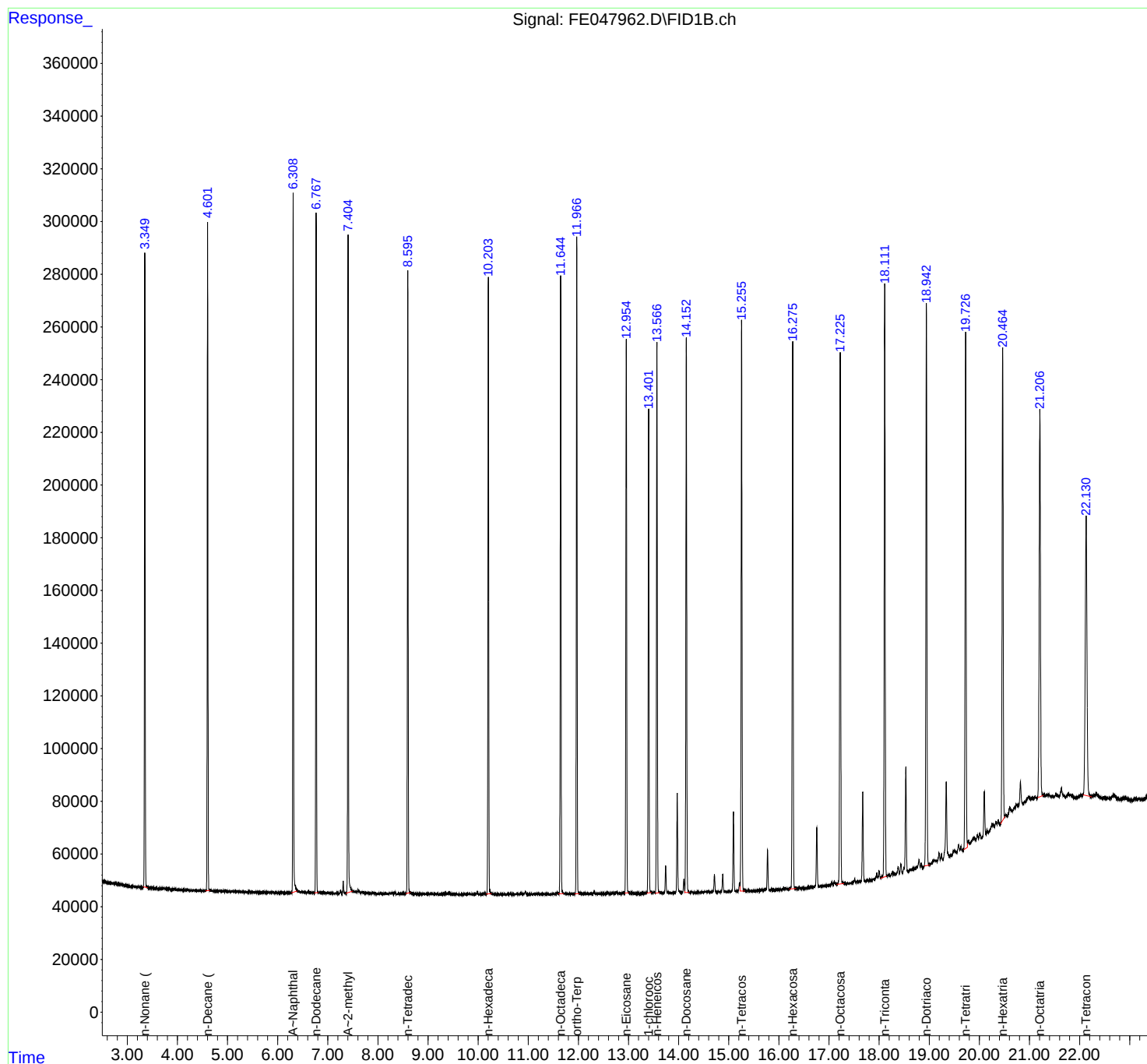
(m)=manual int.

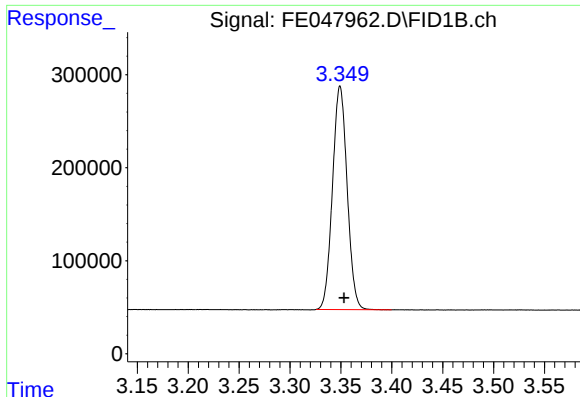
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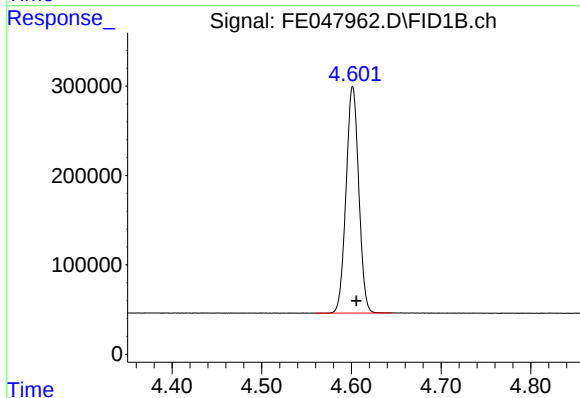




#1 n-Nonane (C9)

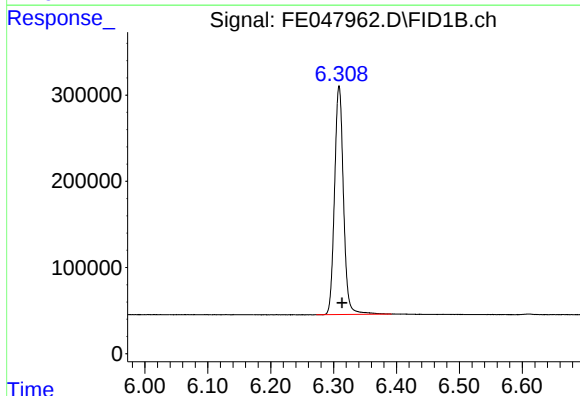
R.T.: 3.349 min
Delta R.T.: -0.004 min
Response: 2410306
Conc: 18.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



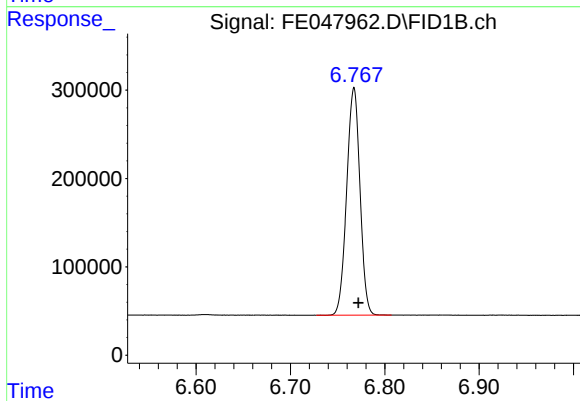
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 2495787
Conc: 18.96 ug/ml



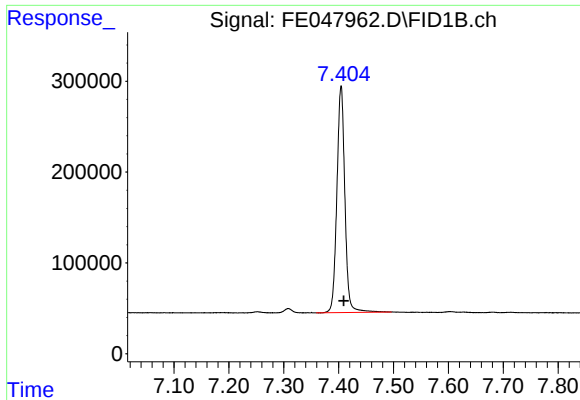
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: -0.005 min
Response: 2620866
Conc: 18.98 ug/ml



#4 n-Dodecane (C12)

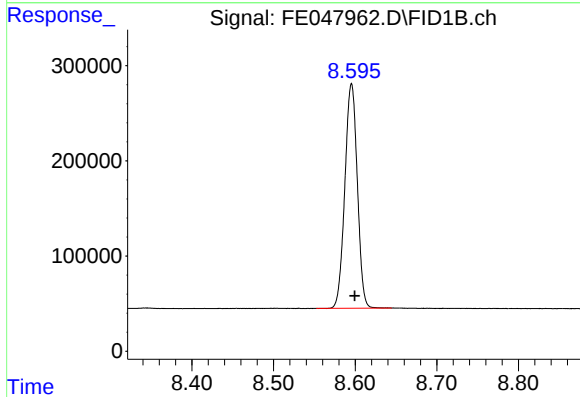
R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 2521788
Conc: 18.92 ug/ml



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

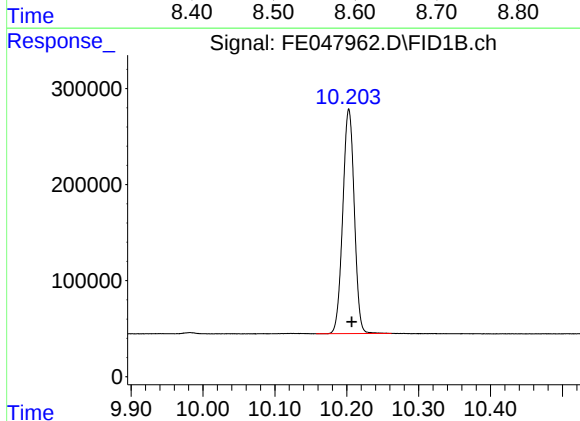
R.T.: 7.405 min
Delta R.T.: -0.004 min
Response: 2524255
Conc: 18.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



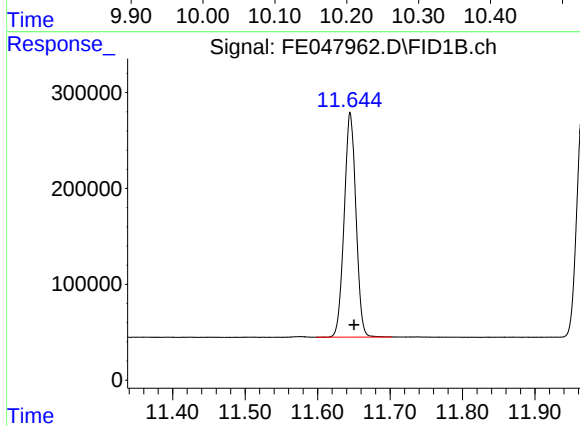
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.004 min
Response: 2504142
Conc: 18.90 ug/ml



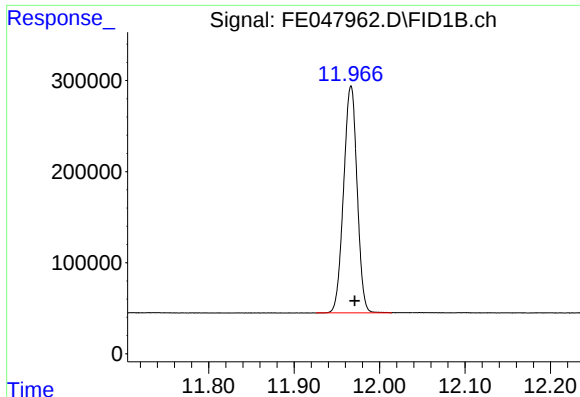
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.004 min
Response: 2600293
Conc: 18.91 ug/ml



#8 n-Octadecane (C18)

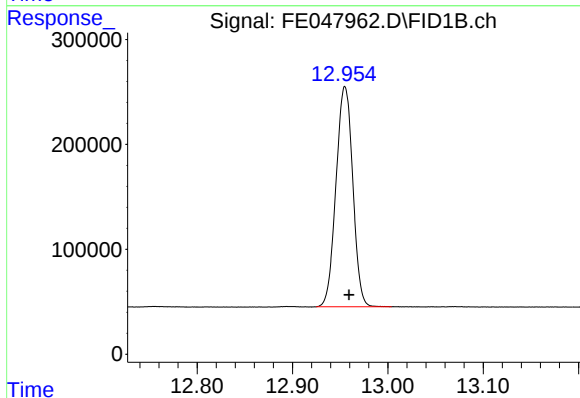
R.T.: 11.645 min
Delta R.T.: -0.005 min
Response: 2645333
Conc: 18.99 ug/ml



#9 ortho-Terphenyl (SURR)

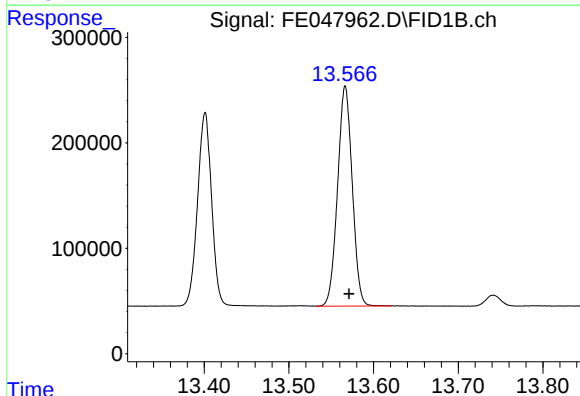
R.T.: 11.967 min
Delta R.T.: -0.004 min
Response: 2734298
Conc: 18.95 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



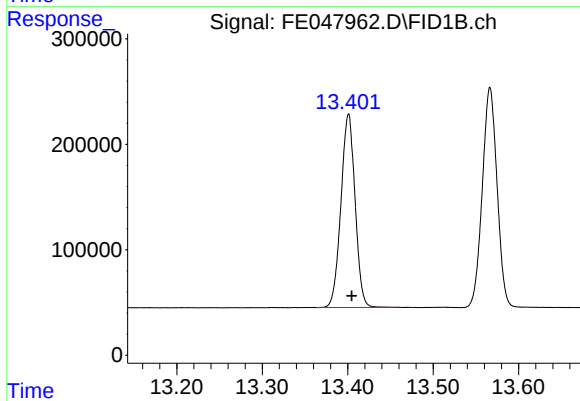
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: -0.004 min
Response: 2564867
Conc: 19.05 ug/ml



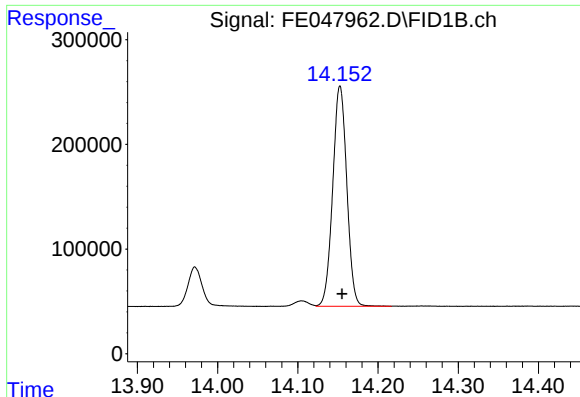
#11 n-Heneicosane (C21)

R.T.: 13.567 min
Delta R.T.: -0.005 min
Response: 2511071
Conc: 18.97 ug/ml



#12 1-chlorooctadecane (SURR)

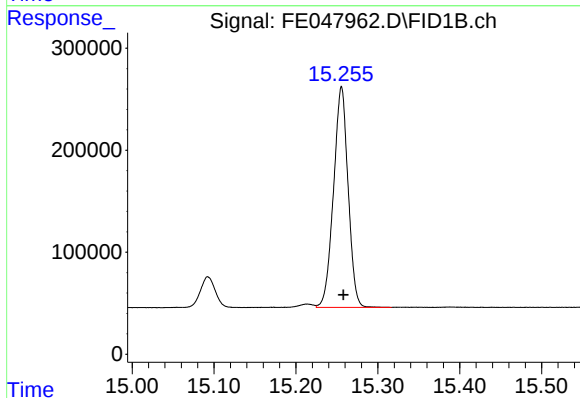
R.T.: 13.401 min
Delta R.T.: -0.004 min
Response: 2113162
Conc: 18.91 ug/ml



#13 n-Docosane (C22)

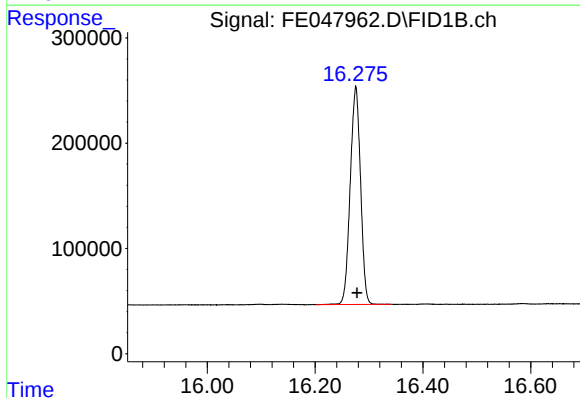
R.T.: 14.153 min
Delta R.T.: -0.003 min
Response: 2563619
Conc: 19.35 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



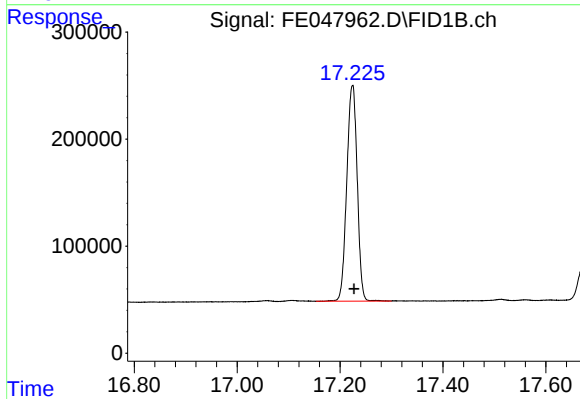
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.002 min
Response: 2674129
Conc: 20.08 ug/ml



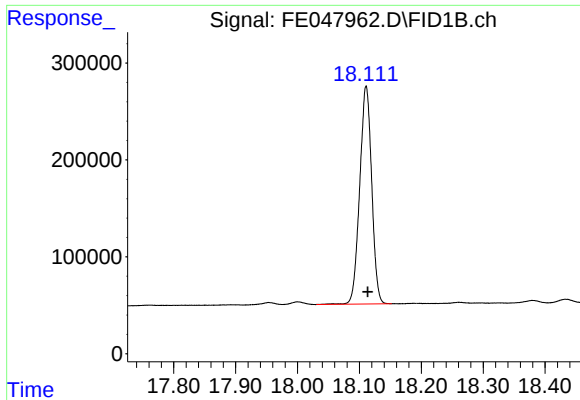
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: -0.002 min
Response: 2746564
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

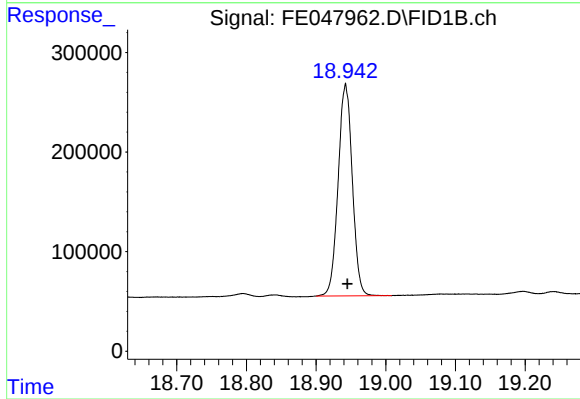
R.T.: 17.224 min
Delta R.T.: -0.003 min
Response: 2841024
Conc: 21.34 ug/ml



#17 n-Tricontane (C30)

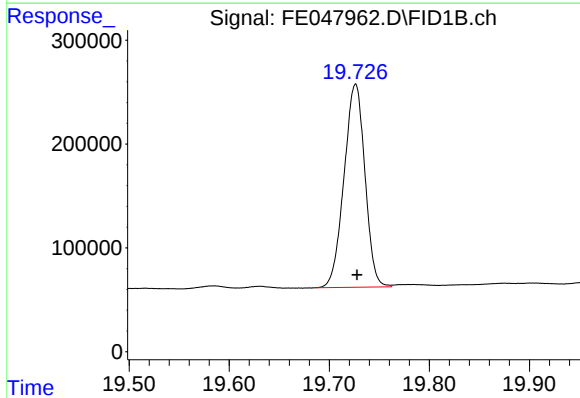
R.T.: 18.111 min
Delta R.T.: -0.002 min
Response: 3024800
Conc: 21.92 ug/ml

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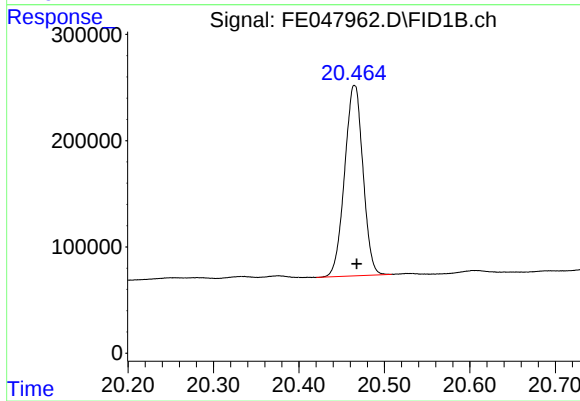
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.003 min
Response: 3004940
Conc: 21.76 ug/ml



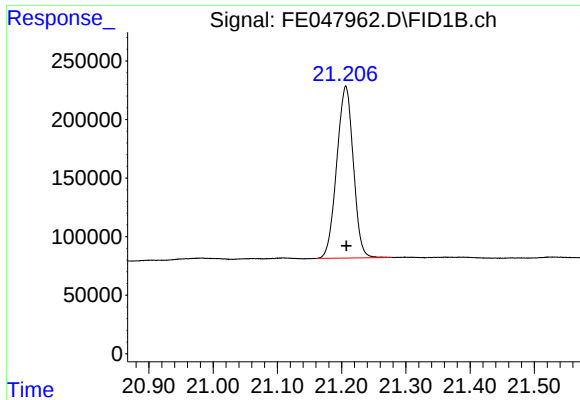
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.001 min
Response: 2839121
Conc: 20.84 ug/ml



#20 n-Hexatriacontane (C36)

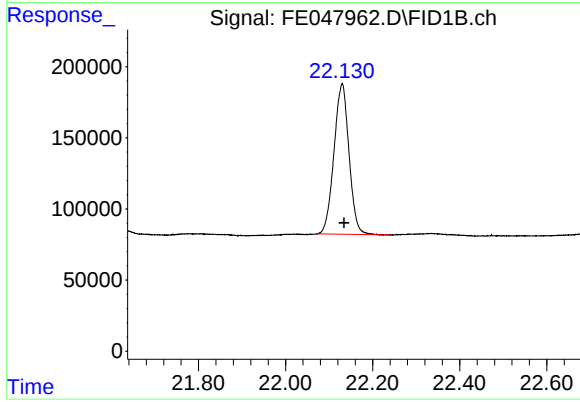
R.T.: 20.465 min
Delta R.T.: -0.002 min
Response: 2669027
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.001 min
Response: 2626418
Conc: 19.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: -0.004 min
Response: 2538812
Conc: 18.22 ug/ml