

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081423AL\
 Data File : FE043948.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2023 01:20
 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: Aug 15 02:10:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.944	3752756	18.211 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
12) S 1-chlorooctadecane (S...	13.382	2816257	18.047 ug/ml
Spiked Amount 50.000		Recovery =	36.09%
Target Compounds			
1) T n-Nonane (C9)	3.333	3177448	19.676 ug/ml
2) T n-Decane (C10)	4.584	3266835	19.821 ug/ml
3) T A~Naphthalene (C11.7)	6.285	3574929	19.635 ug/ml
4) T n-Dodecane (C12)	6.747	3321959	19.849 ug/ml
5) T A~2-methylnaphthalene...	7.380	3455814	19.412 ug/ml
6) T n-Tetradecane (C14)	8.574	3319315	19.701 ug/ml
7) T n-Hexadecane (C16)	10.183	3412756	19.347 ug/ml
8) T n-Octadecane (C18)	11.627	3429003	18.929 ug/ml
10) T n-Eicosane (C20)	12.937	3266616	18.459 ug/ml
11) T n-Heneicosane (C21)	13.550	3192433	18.030 ug/ml
13) T n-Docosane (C22)	14.137	3149229	17.954 ug/ml
14) T n-Tetracosane (C24)	15.240	3073660	17.494 ug/ml
15) T n-Hexacosane (C26)	16.262	2953503	17.089 ug/ml
16) T n-Octacosane (C28)	17.214	2800331	16.736 ug/ml
17) T n-Tricontane (C30)	18.102	2796067	16.882 ug/ml
18) T n-Dotriacontane (C32)	18.936	2724401	17.255 ug/ml
19) T n-Tetratriacontane (C34)	19.722	2650671	17.838 ug/ml
20) T n-Hexatriacontane (C36)	20.464	2577273	18.438 ug/ml
21) T n-Octatriacontane (C38)	21.209	2626236	19.686 ug/ml
22) T n-Tetracontane (C40)	22.134	2821523	21.868 ug/ml

(f)=RT Delta > 1/2 Window

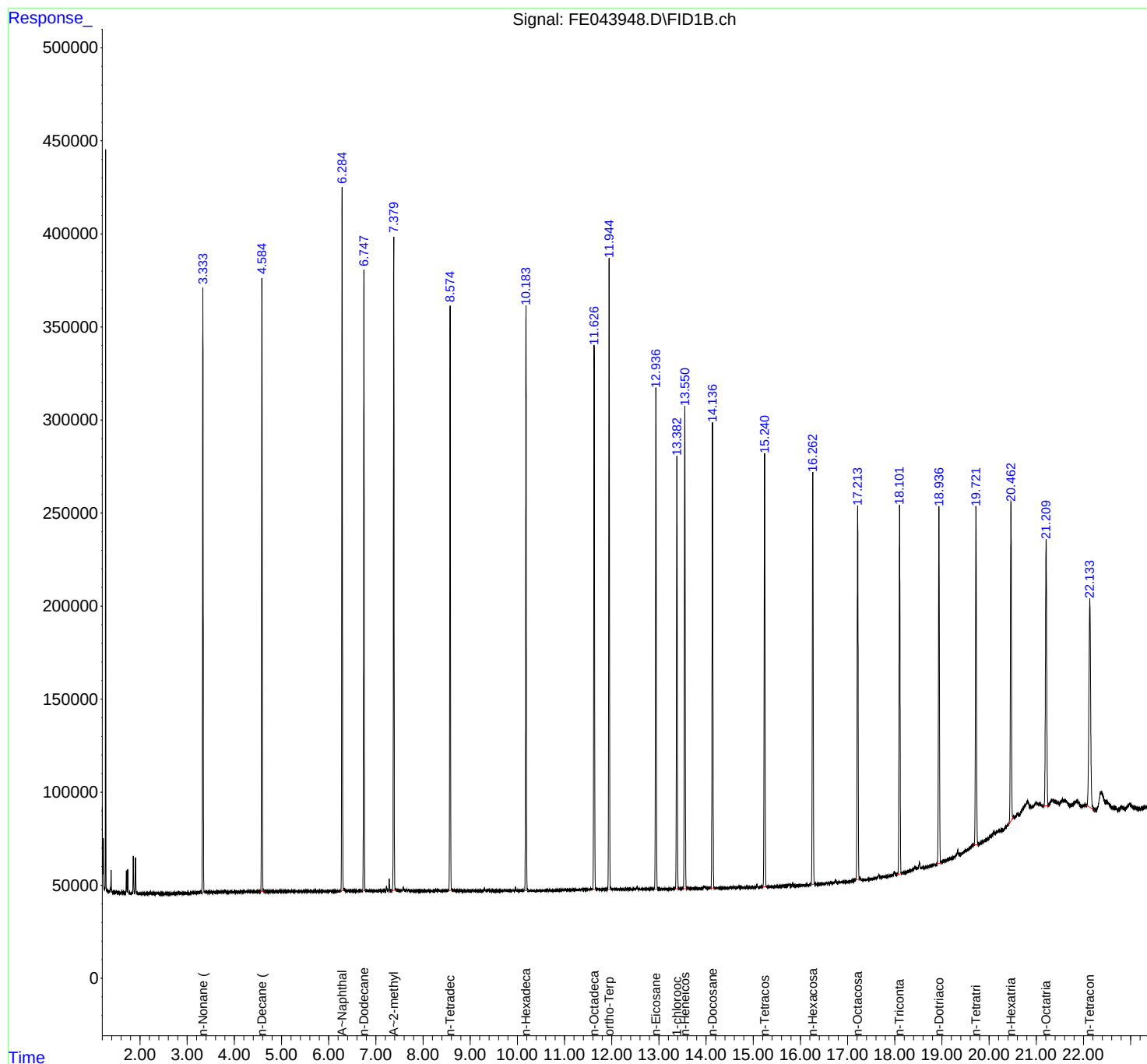
(m)=manual int.

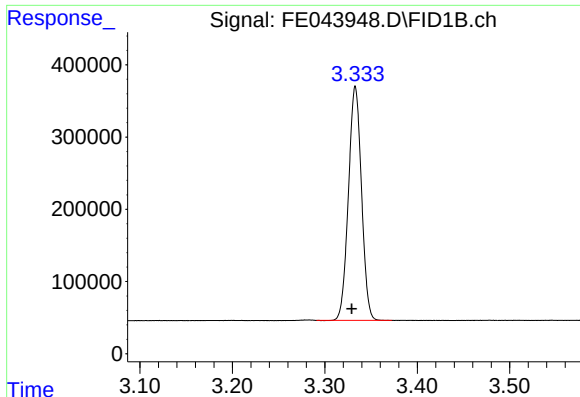
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081423AL\
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Signal Info : 20M x 0.18mm x 0.18um

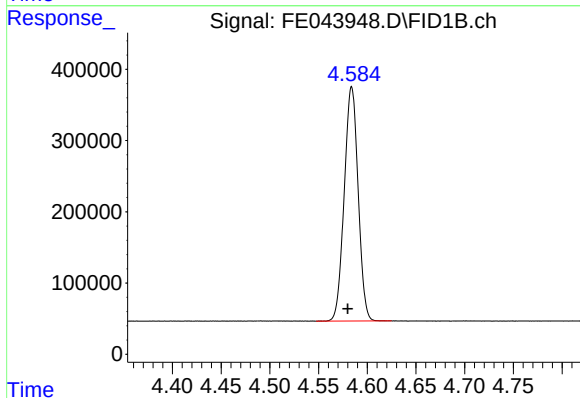




#1 n-Nonane (C9)

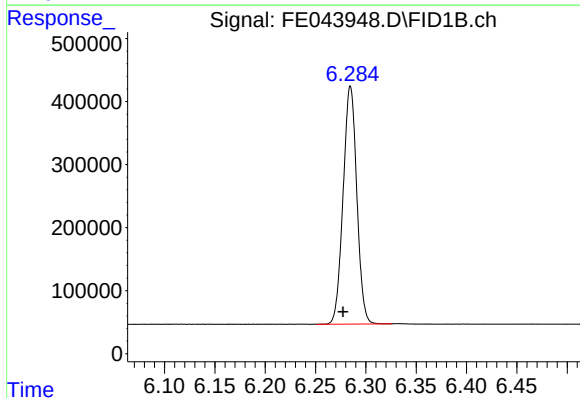
R.T.: 3.333 min
Delta R.T.: 0.004 min
Response: 3177448
Conc: 19.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



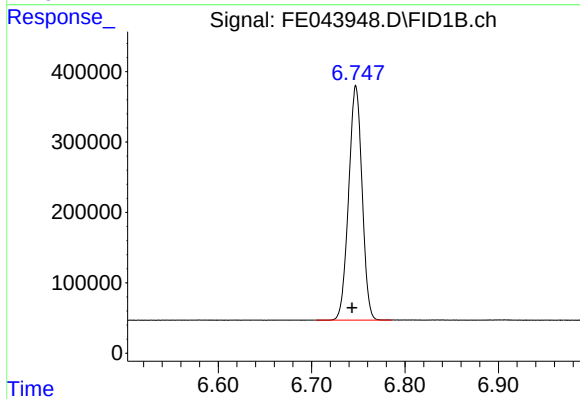
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.004 min
Response: 3266835
Conc: 19.82 ug/ml



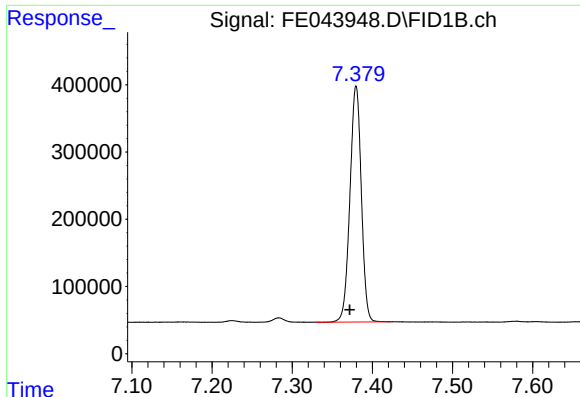
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: 0.007 min
Response: 3574929
Conc: 19.63 ug/ml



#4 n-Dodecane (C12)

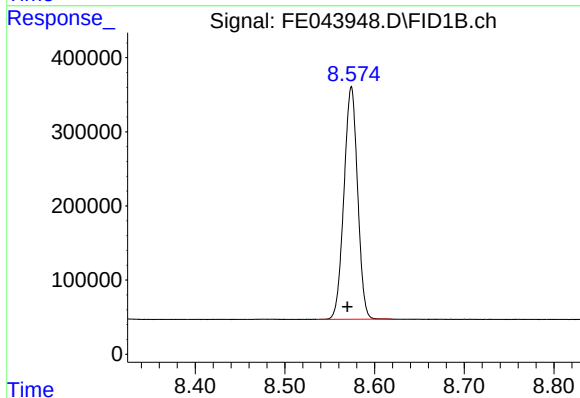
R.T.: 6.747 min
Delta R.T.: 0.004 min
Response: 3321959
Conc: 19.85 ug/ml



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

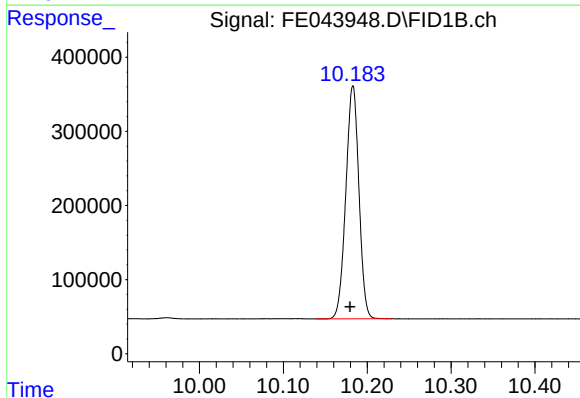
R.T.: 7.380 min
Delta R.T.: 0.008 min
Response: 3455814
Conc: 19.41 ug/ml

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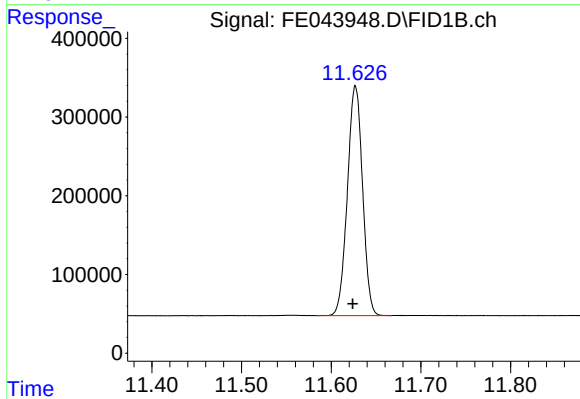
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: 0.005 min
Response: 3319315
Conc: 19.70 ug/ml



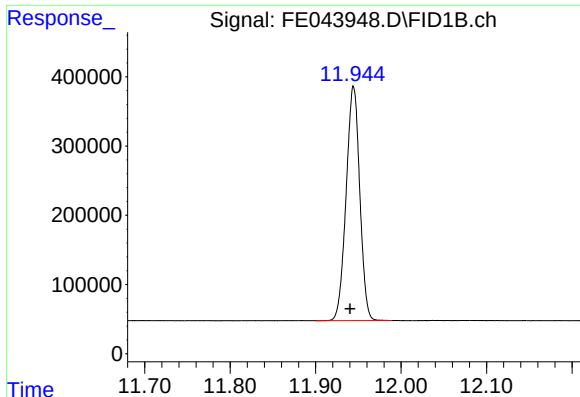
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: 0.003 min
Response: 3412756
Conc: 19.35 ug/ml



#8 n-Octadecane (C18)

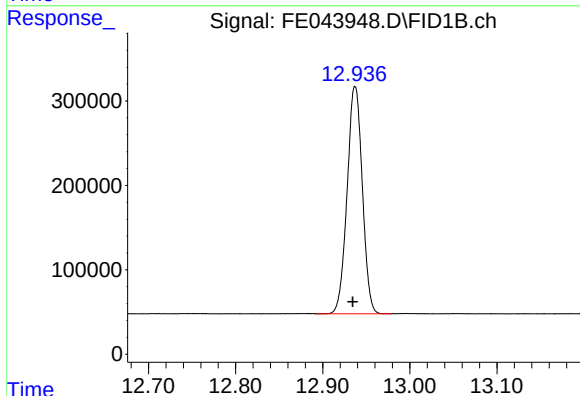
R.T.: 11.627 min
Delta R.T.: 0.003 min
Response: 3429003
Conc: 18.93 ug/ml



#9 ortho-Terphenyl (SURR)

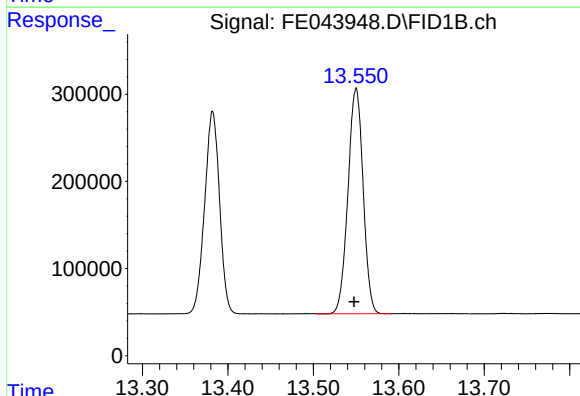
R.T.: 11.944 min
Delta R.T.: 0.004 min
Response: 3752756
Conc: 18.21 ug/ml

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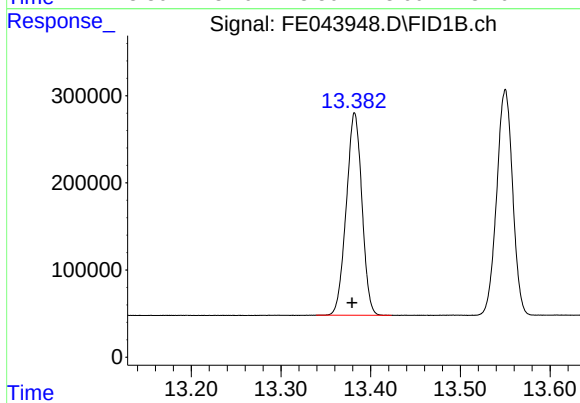
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: 0.003 min
Response: 3266616
Conc: 18.46 ug/ml



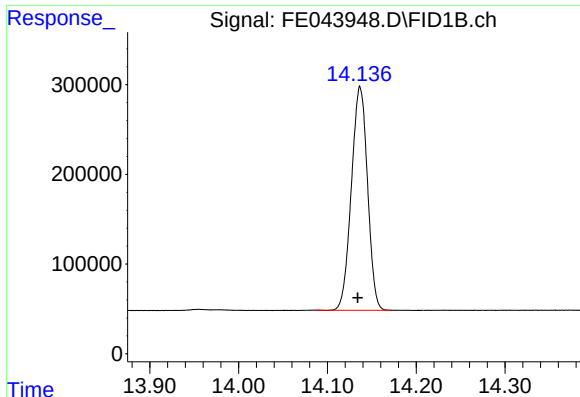
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: 0.002 min
Response: 3192433
Conc: 18.03 ug/ml



#12 1-chlorooctadecane (SURR)

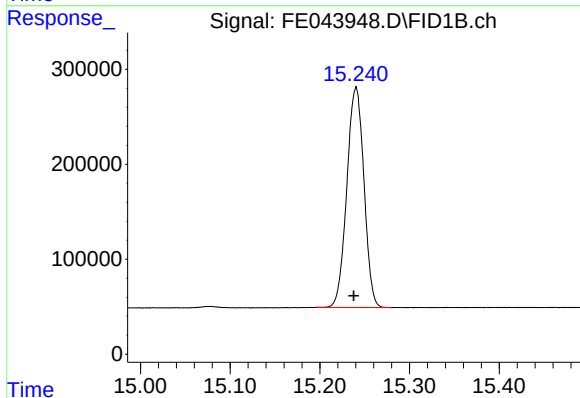
R.T.: 13.382 min
Delta R.T.: 0.003 min
Response: 2816257
Conc: 18.05 ug/ml



#13 n-Docosane (C22)

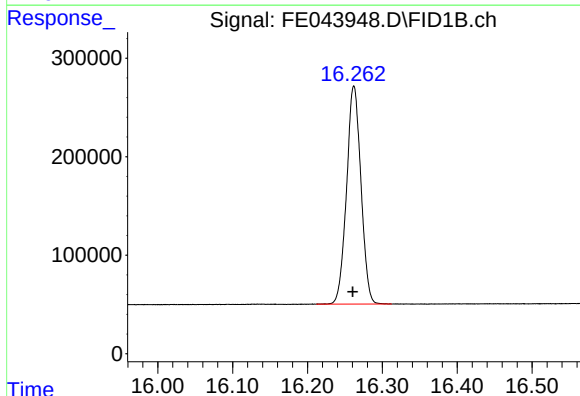
R.T.: 14.137 min
Delta R.T.: 0.003 min
Response: 3149229
Conc: 17.95 ug/ml

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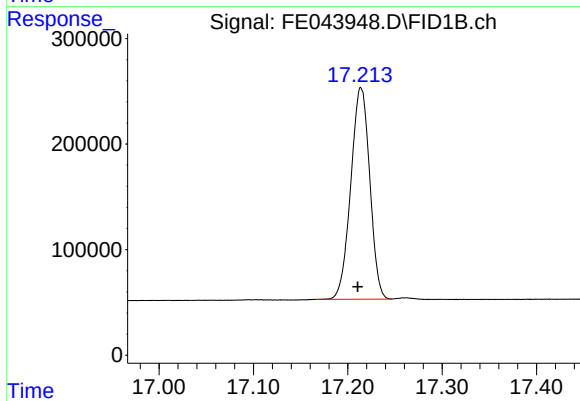
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: 0.003 min
Response: 3073660
Conc: 17.49 ug/ml



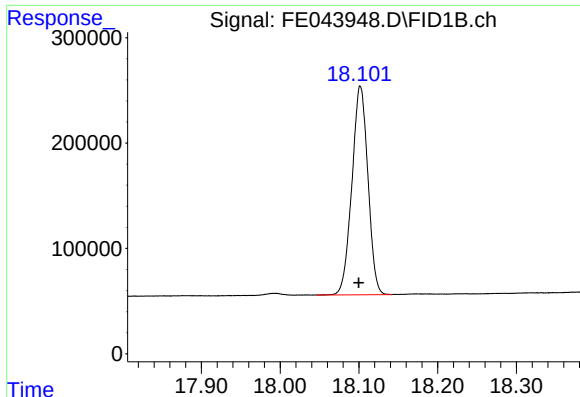
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.002 min
Response: 2953503
Conc: 17.09 ug/ml



#16 n-Octacosane (C28)

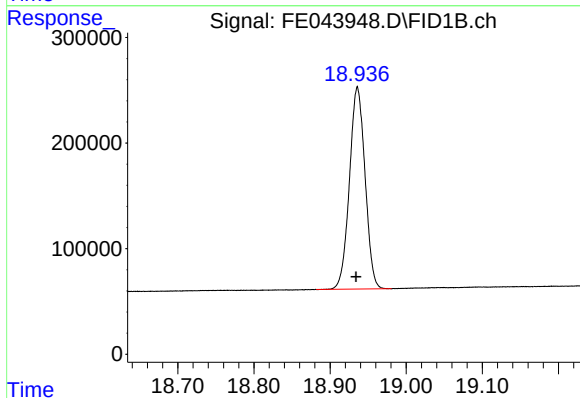
R.T.: 17.214 min
Delta R.T.: 0.003 min
Response: 2800331
Conc: 16.74 ug/ml



#17 n-Tricontane (C30)

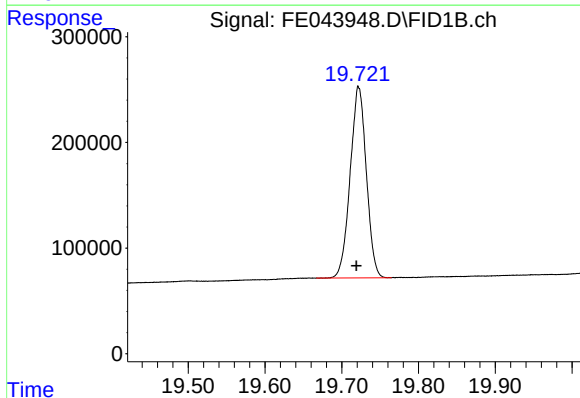
R.T.: 18.102 min
Delta R.T.: 0.002 min
Response: 2796067
Conc: 16.88 ug/ml

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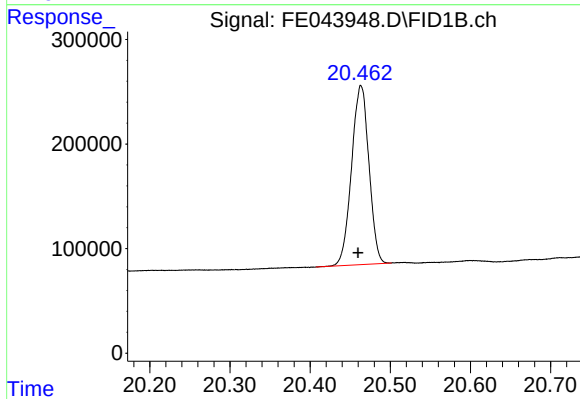
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.002 min
Response: 2724401
Conc: 17.25 ug/ml



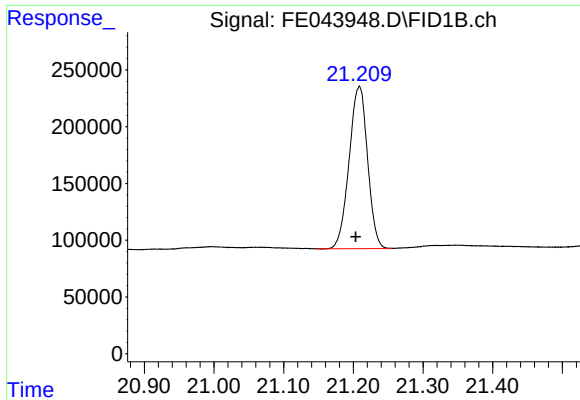
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.003 min
Response: 2650671
Conc: 17.84 ug/ml



#20 n-Hexatriacontane (C36)

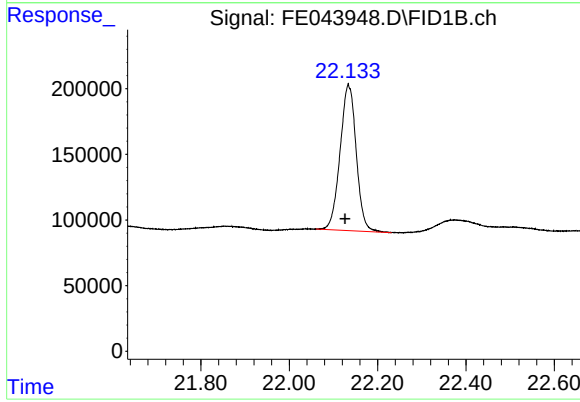
R.T.: 20.464 min
Delta R.T.: 0.004 min
Response: 2577273
Conc: 18.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.005 min
Response: 2626236
Conc: 19.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.134 min
Delta R.T.: 0.007 min
Response: 2821523
Conc: 21.87 ug/ml