

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051124AL\
 Data File : FE048144.D
 Signal(s) : FID1B.ch
 Acq On : 12 May 2024 07:37
 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 14 02:14:55 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)	11.956	3152988	21.856 ug/ml
Spiked Amount 50.000		Recovery =	43.71%
12) S 1-chlorooctadecane (S...	13.390	2390042	21.389 ug/ml
Spiked Amount 50.000		Recovery =	42.78%
Target Compounds			
1) T n-Nonane (C9)	3.346	3075731	23.865 ug/ml
2) T n-Decane (C10)	4.594	3180443	24.158 ug/ml
3) T A~Naphthalene (C11.7)	6.298	3221947	23.334 ug/ml
4) T n-Dodecane (C12)	6.758	3141171	23.563 ug/ml
5) T A~2-methylnaphthalene...	7.394	3032999	22.792 ug/ml
6) T n-Tetradecane (C14)	8.586	2979584	22.484 ug/ml
7) T n-Hexadecane (C16)	10.193	3107558	22.595 ug/ml
8) T n-Octadecane (C18)	11.636	3096183	22.227 ug/ml
10) T n-Eicosane (C20)	12.945	2937576	21.817 ug/ml
11) T n-Heneicosane (C21)	13.558	2845972	21.499 ug/ml
13) T n-Docosane (C22)	14.143	2831049	21.363 ug/ml
14) T n-Tetracosane (C24)	15.243	2841208	21.338 ug/ml
15) T n-Hexacosane (C26)	16.263	2826466	21.181 ug/ml
16) T n-Octacosane (C28)	17.212	2842063	21.345 ug/ml
17) T n-Tricontane (C30)	18.098	3025097	21.919 ug/ml
18) T n-Dotriacontane (C32)	18.930	3077900	22.283 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2945795	21.625 ug/ml
20) T n-Hexatriacontane (C36)	20.453	2826064	20.872 ug/ml
21) T n-Octatriacontane (C38)	21.191	2676284	19.384 ug/ml
22) T n-Tetracontane (C40)	22.110	2525909	18.130 ug/ml

(f)=RT Delta > 1/2 Window

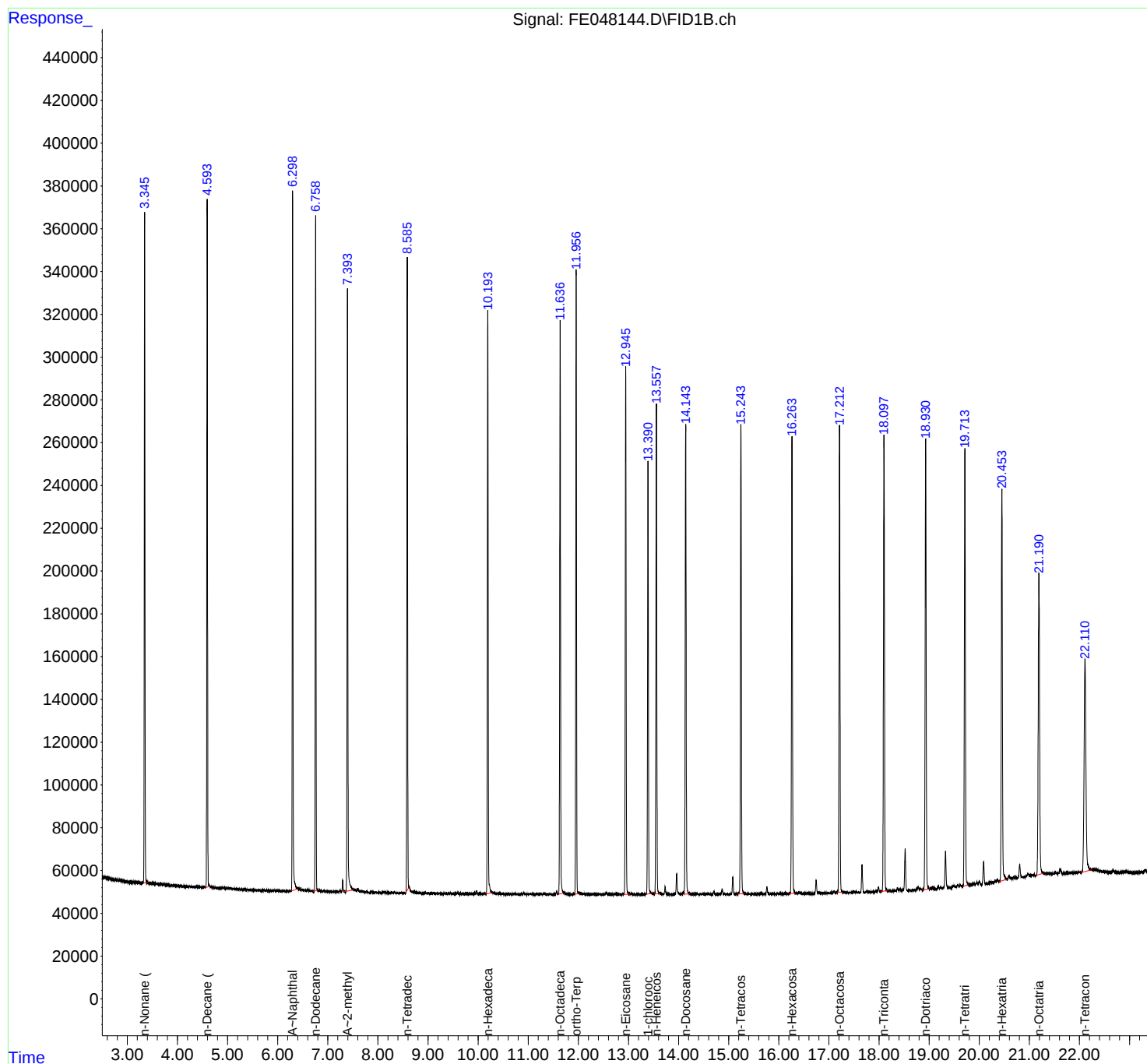
(m)=manual int.

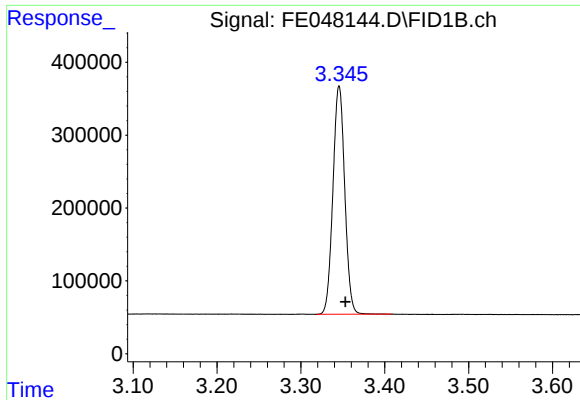
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051124AL\
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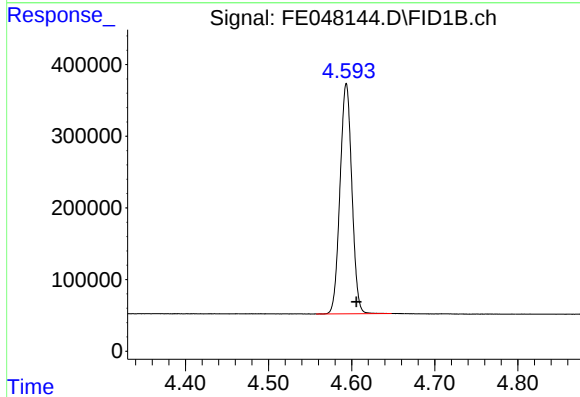




#1 n-Nonane (C9)

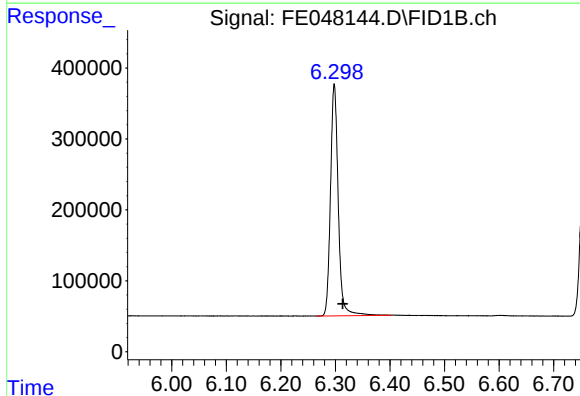
R.T.: 3.346 min
Delta R.T.: -0.007 min
Response: 3075731
Conc: 23.87 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



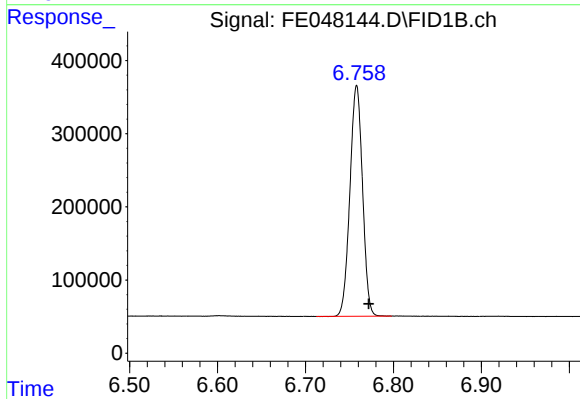
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.012 min
Response: 3180443
Conc: 24.16 ug/ml



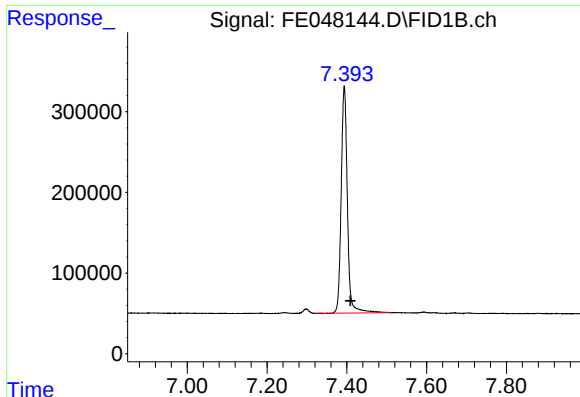
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.016 min
Response: 3221947
Conc: 23.33 ug/ml



#4 n-Dodecane (C12)

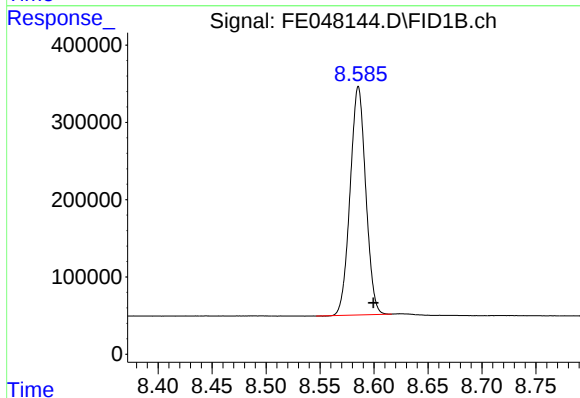
R.T.: 6.758 min
Delta R.T.: -0.014 min
Response: 3141171
Conc: 23.56 ug/ml



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

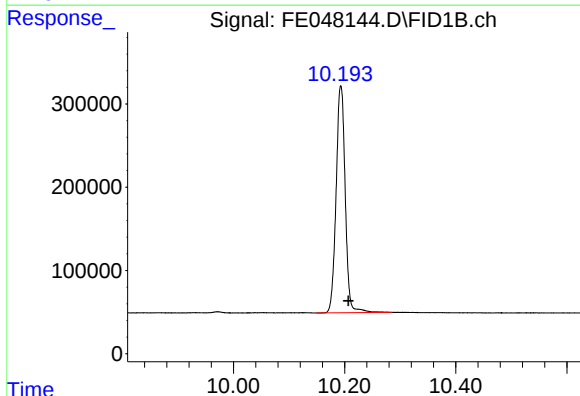
R.T.: 7.394 min
Delta R.T.: -0.015 min
Response: 3032999
Conc: 22.79 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



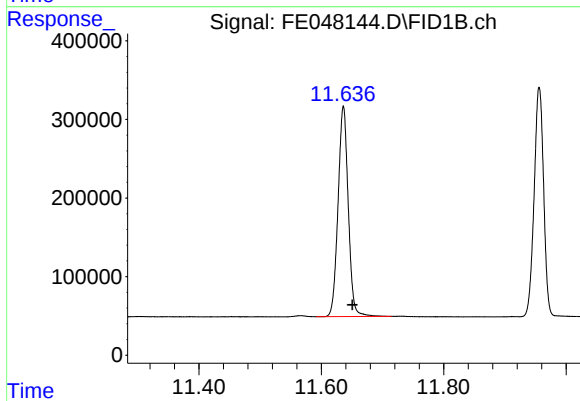
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: -0.014 min
Response: 2979584
Conc: 22.48 ug/ml



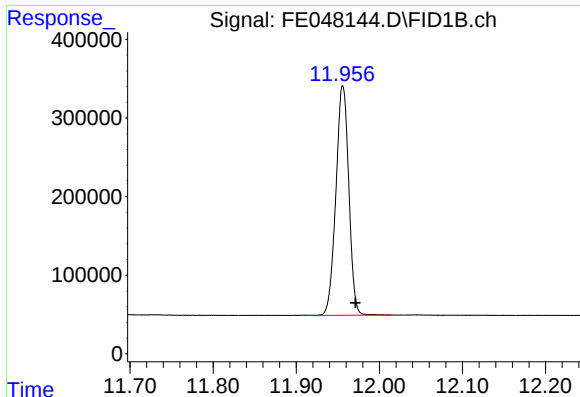
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: -0.014 min
Response: 3107558
Conc: 22.59 ug/ml



#8 n-Octadecane (C18)

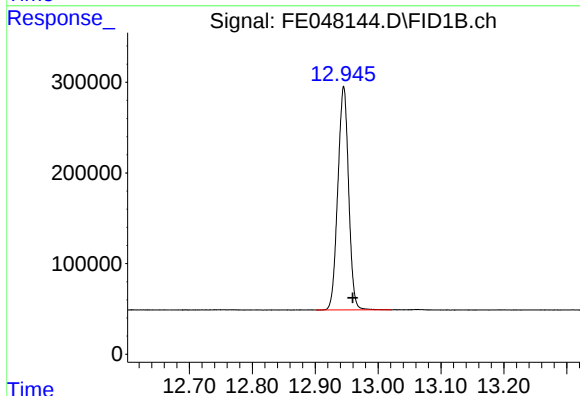
R.T.: 11.636 min
Delta R.T.: -0.014 min
Response: 3096183
Conc: 22.23 ug/ml



#9 ortho-Terphenyl (SURR)

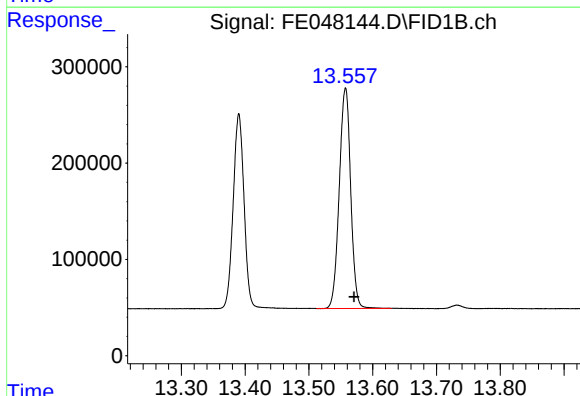
R.T.: 11.956 min
Delta R.T.: -0.015 min
Response: 3152988
Conc: 21.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



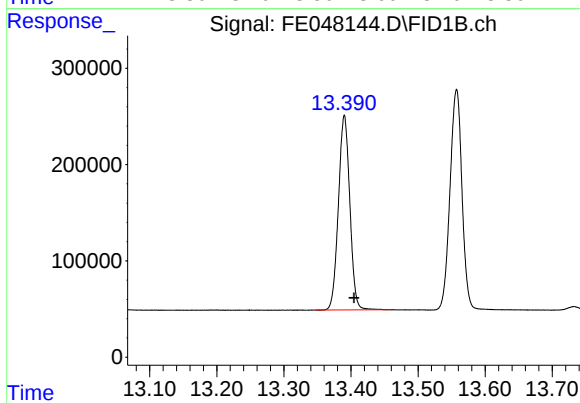
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: -0.014 min
Response: 2937576
Conc: 21.82 ug/ml



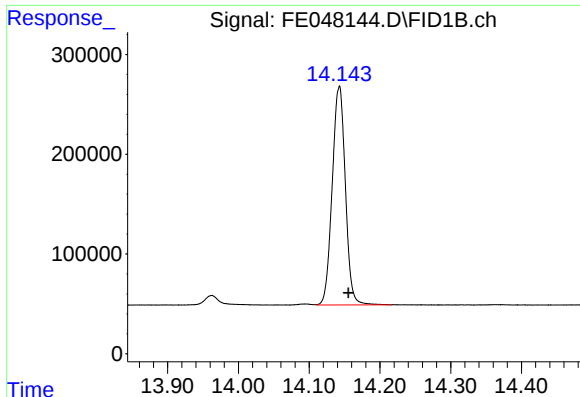
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.013 min
Response: 2845972
Conc: 21.50 ug/ml



#12 1-chlorooctadecane (SURR)

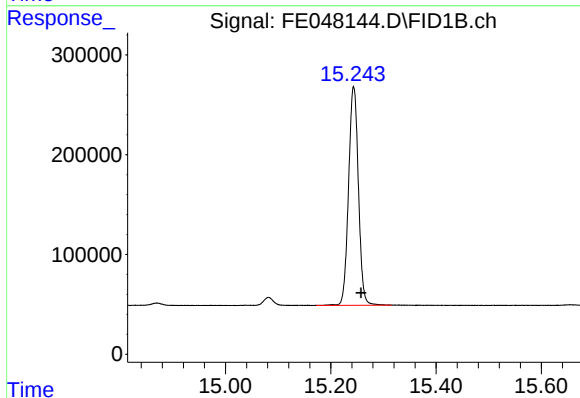
R.T.: 13.390 min
Delta R.T.: -0.015 min
Response: 2390042
Conc: 21.39 ug/ml



#13 n-Docosane (C22)

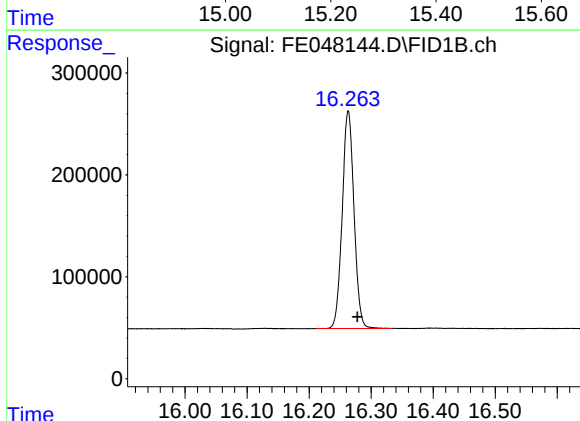
R.T.: 14.143 min
Delta R.T.: -0.013 min
Response: 2831049
Conc: 21.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



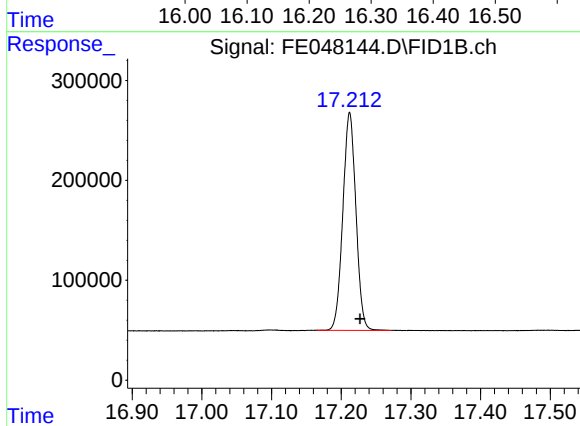
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.014 min
Response: 2841208
Conc: 21.34 ug/ml



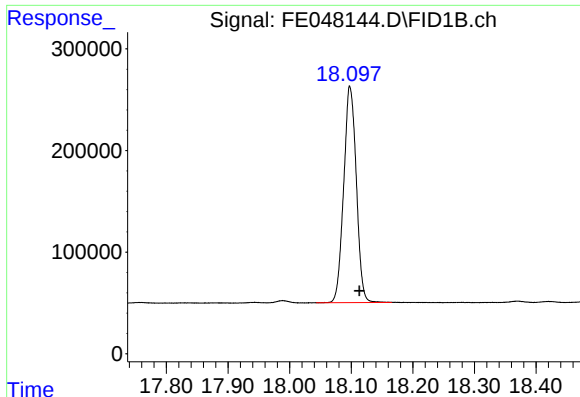
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: -0.015 min
Response: 2826466
Conc: 21.18 ug/ml



#16 n-Octacosane (C28)

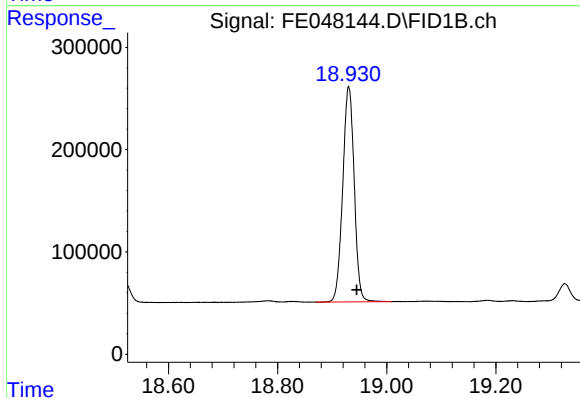
R.T.: 17.212 min
Delta R.T.: -0.015 min
Response: 2842063
Conc: 21.35 ug/ml



#17 n-Tricontane (C30)

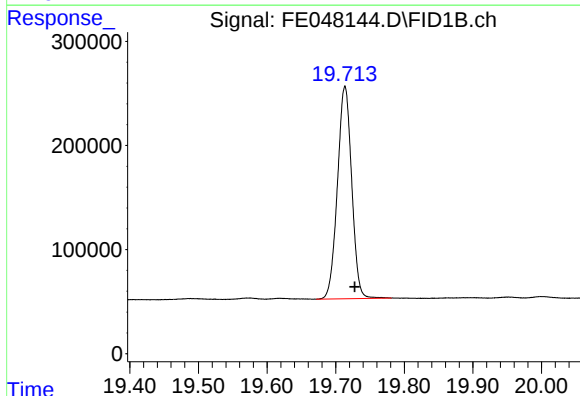
R.T.: 18.098 min
Delta R.T.: -0.016 min
Response: 3025097
Conc: 21.92 ug/ml

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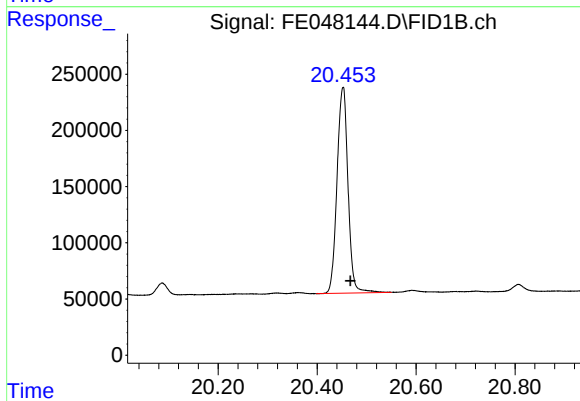
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.014 min
Response: 3077900
Conc: 22.28 ug/ml



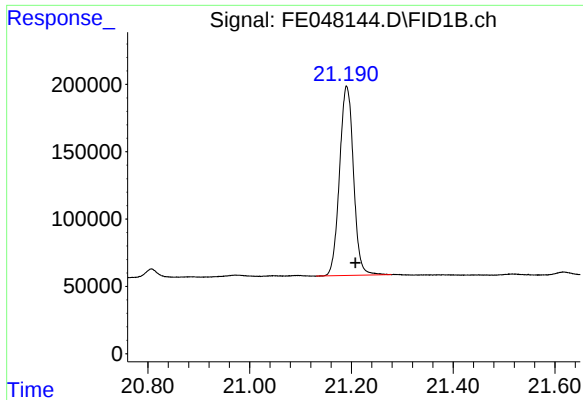
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.014 min
Response: 2945795
Conc: 21.62 ug/ml



#20 n-Hexatriacontane (C36)

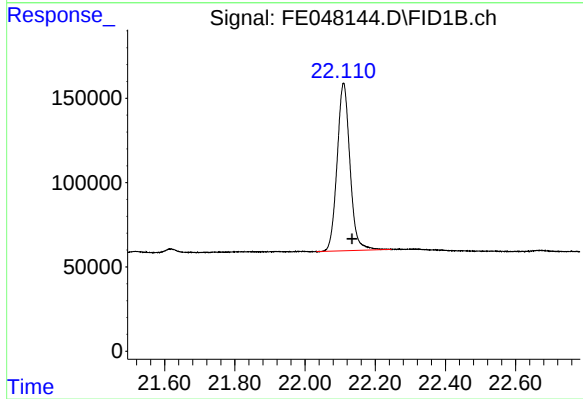
R.T.: 20.453 min
Delta R.T.: -0.015 min
Response: 2826064
Conc: 20.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: -0.017 min
Response: 2676284
Conc: 19.38 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: -0.024 min
Response: 2525909
Conc: 18.13 ug/ml