

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110124AL\
 Data File : FF014902.D
 Signal(s) : FID2B.ch
 Acq On : 01 Nov 2024 13:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 01 13:43:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 05:46:44 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)	11.930	2983972	19.569 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	13.366	2301092	19.154 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T n-Nonane (C9)	3.325	2636595	20.955 ug/ml
2) T n-Decane (C10)	4.574	2692923	21.063 ug/ml
3) T A~Naphthalene (C11.7)	6.274	2972312	21.157 ug/ml
4) T n-Dodecane (C12)	6.736	2735006	21.211 ug/ml
5) T A~2-methylnaphthalene...	7.369	2883762	21.104 ug/ml
6) T n-Tetradecane (C14)	8.561	2732566	21.210 ug/ml
7) T n-Hexadecane (C16)	10.168	2821327	20.915 ug/ml
8) T n-Octadecane (C18)	11.611	2835836	20.383 ug/ml
10) T n-Eicosane (C20)	12.920	2697383	19.675 ug/ml
11) T n-Heneicosane (C21)	13.533	2631651	19.265 ug/ml
13) T n-Docosane (C22)	14.120	2592350	18.873 ug/ml
14) T n-Tetracosane (C24)	15.223	2520030	18.039 ug/ml
15) T n-Hexacosane (C26)	16.244	2417366	17.324 ug/ml
16) T n-Octacosane (C28)	17.194	2332919	16.897 ug/ml
17) T n-Tricontane (C30)	18.082	2354516	16.714 ug/ml
18) T n-Dotriacontane (C32)	18.915	2276986	16.414 ug/ml
19) T n-Tetratriacontane (C34)	19.698	2078822	17.705 ug/ml
20) T n-Hexatriacontane (C36)	20.439	1818229	18.047 ug/ml
21) T n-Octatriacontane (C38)	21.176	1639672	18.223 ug/ml
22) T n-Tetracontane (C40)	22.089	1898560	21.177 ug/ml

(f)=RT Delta > 1/2 Window

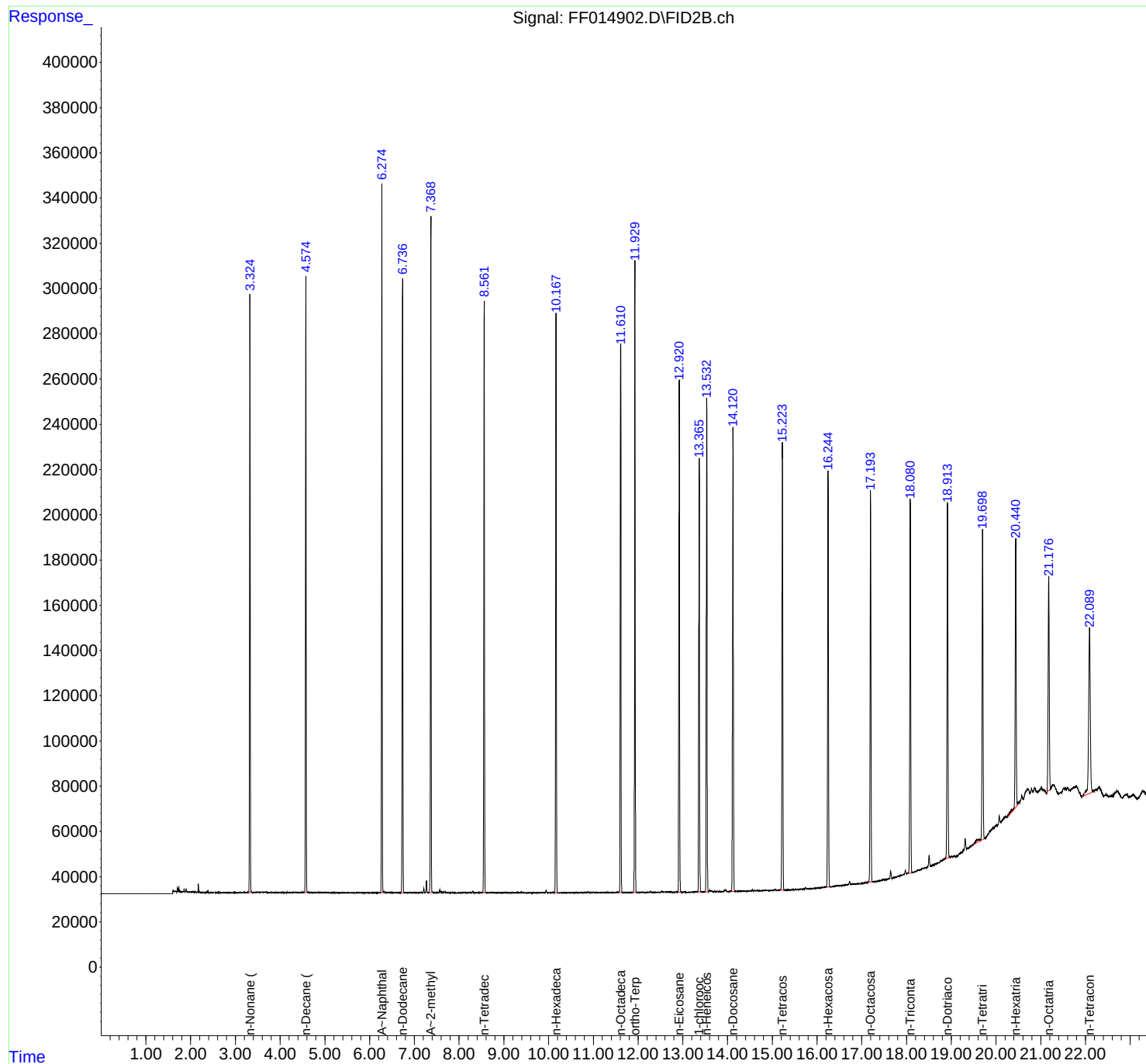
(m)=manual int.

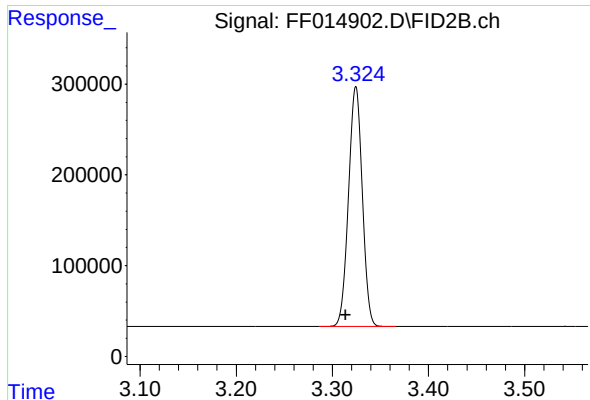
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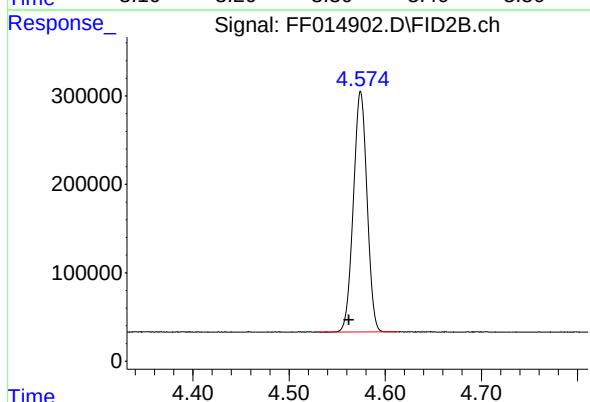




#1 n-Nonane (C9)

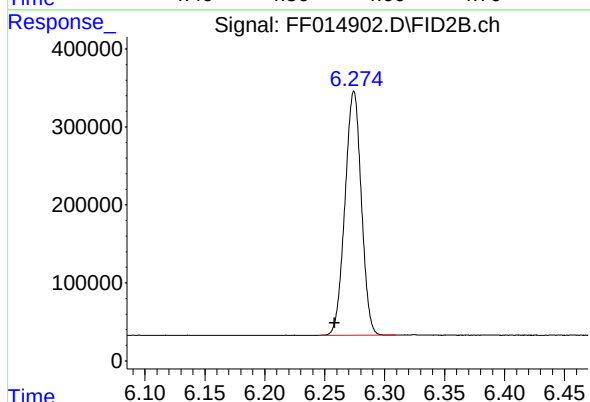
R.T.: 3.325 min
Delta R.T.: 0.011 min
Response: 2636595
Conc: 20.96 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



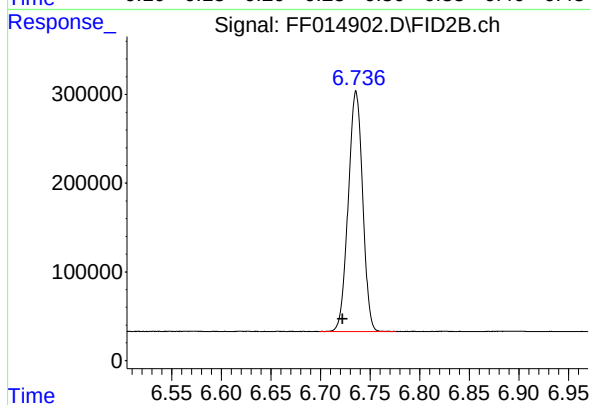
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.012 min
Response: 2692923
Conc: 21.06 ug/ml



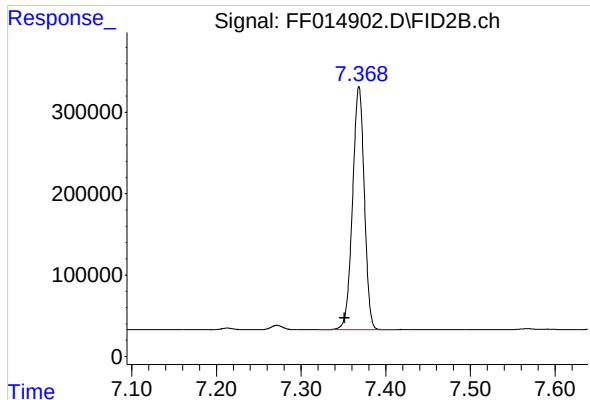
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.016 min
Response: 2972312
Conc: 21.16 ug/ml



#4 n-Dodecane (C12)

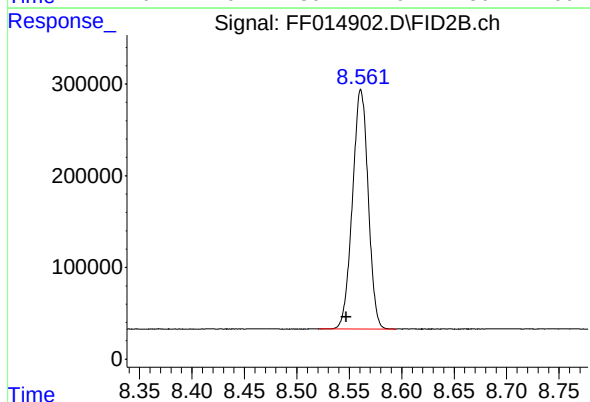
R.T.: 6.736 min
Delta R.T.: 0.013 min
Response: 2735006
Conc: 21.21 ug/ml



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

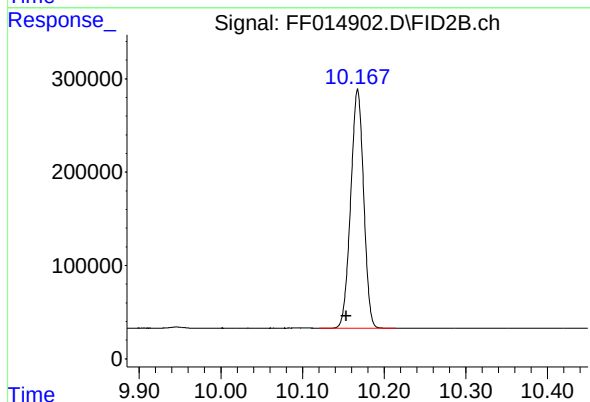
R.T.: 7.369 min
Delta R.T.: 0.017 min
Response: 2883762
Conc: 21.10 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



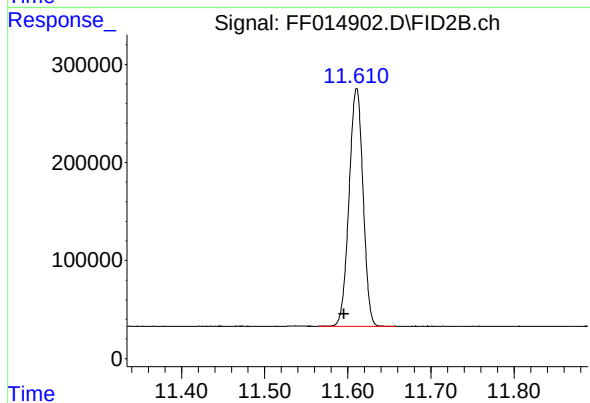
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.014 min
Response: 2732566
Conc: 21.21 ug/ml



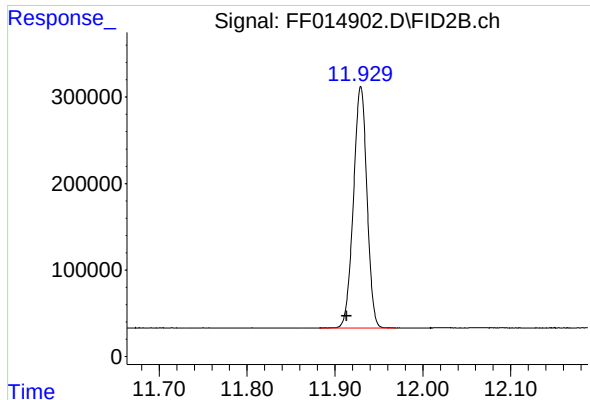
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: 0.014 min
Response: 2821327
Conc: 20.91 ug/ml



#8 n-Octadecane (C18)

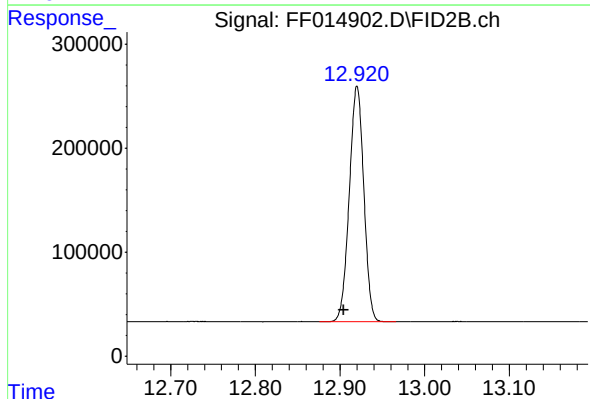
R.T.: 11.611 min
Delta R.T.: 0.015 min
Response: 2835836
Conc: 20.38 ug/ml



#9 ortho-Terphenyl (SURR)

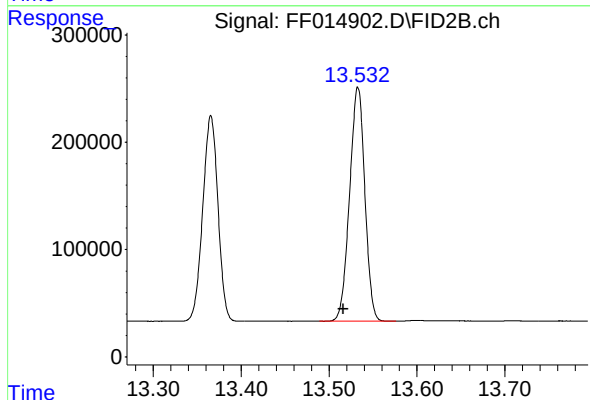
R.T.: 11.930 min
Delta R.T.: 0.016 min
Response: 2983972
Conc: 19.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



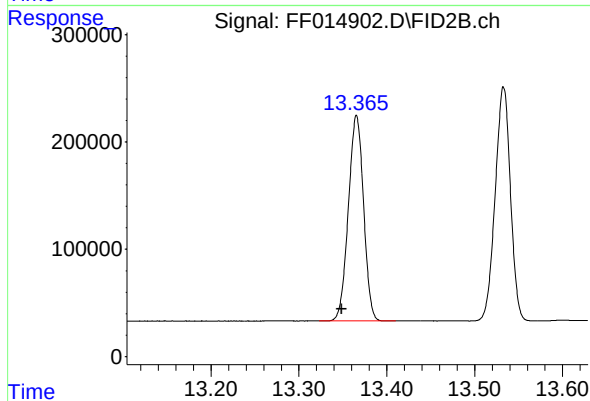
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.016 min
Response: 2697383
Conc: 19.67 ug/ml



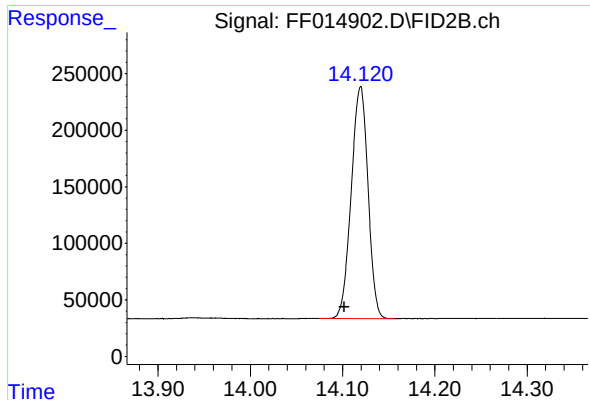
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.016 min
Response: 2631651
Conc: 19.27 ug/ml



#12 1-chlorooctadecane (SURR)

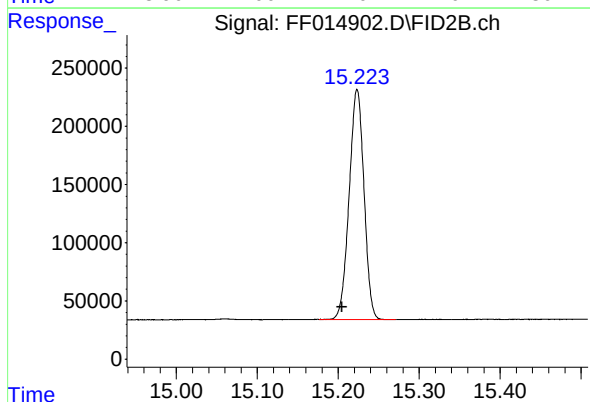
R.T.: 13.366 min
Delta R.T.: 0.017 min
Response: 2301092
Conc: 19.15 ug/ml



#13 n-Docosane (C22)

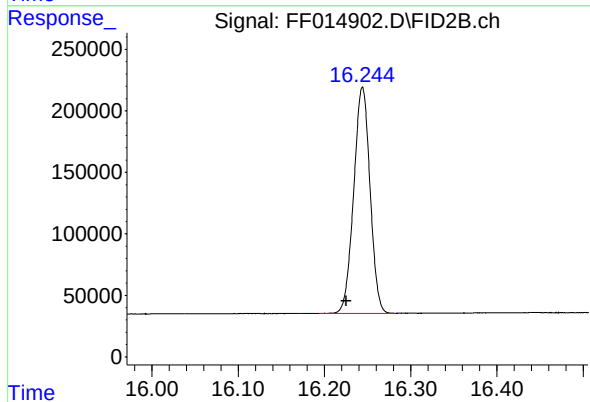
R.T.: 14.120 min
Delta R.T.: 0.018 min
Response: 2592350
Conc: 18.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



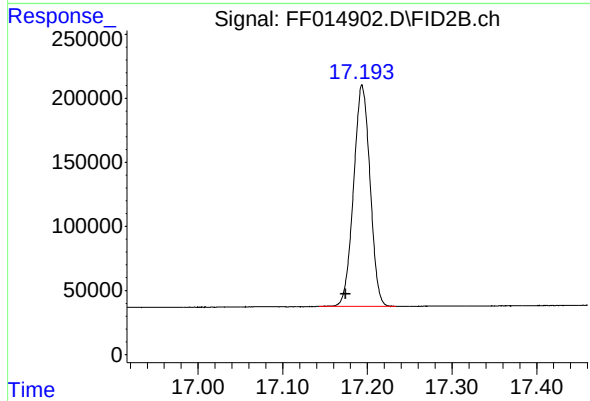
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: 0.019 min
Response: 2520030
Conc: 18.04 ug/ml



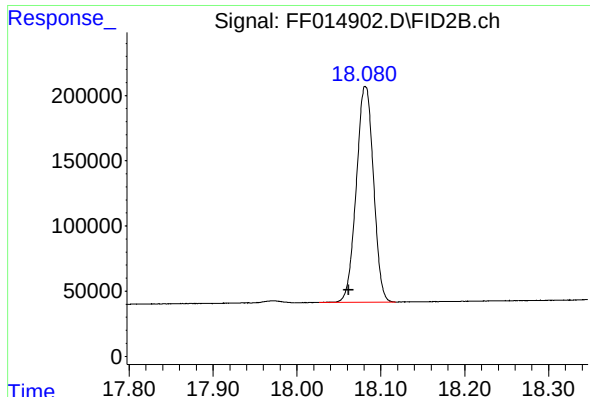
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.019 min
Response: 2417366
Conc: 17.32 ug/ml



#16 n-Octacosane (C28)

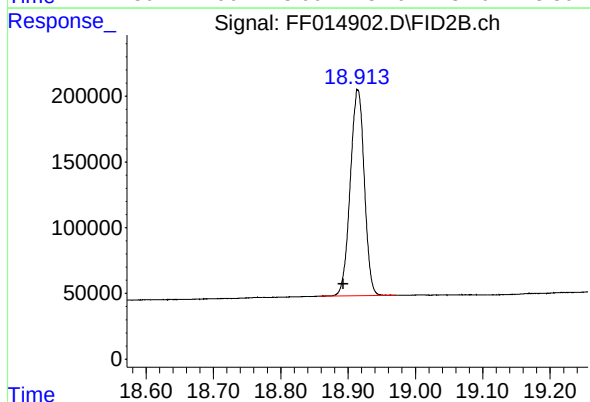
R.T.: 17.194 min
Delta R.T.: 0.020 min
Response: 2332919
Conc: 16.90 ug/ml



#17 n-Tricontane (C30)

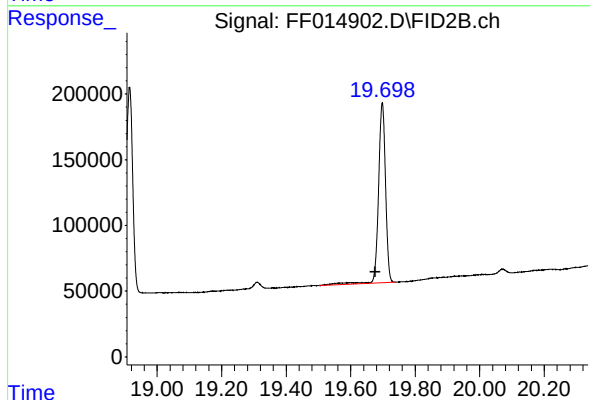
R.T.: 18.082 min
Delta R.T.: 0.020 min
Response: 2354516
Conc: 16.71 ug/ml

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20 PPM ALIPHATIC HC STD



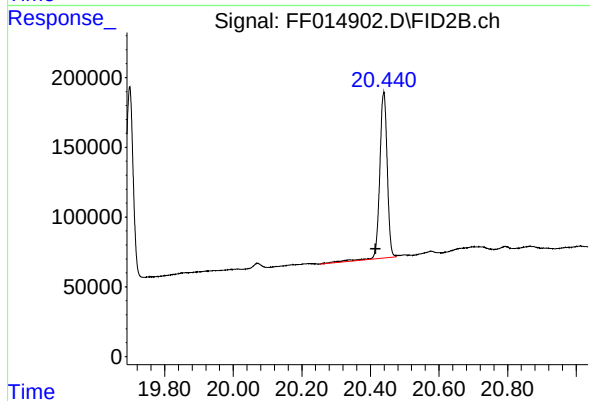
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: 0.021 min
Response: 2276986
Conc: 16.41 ug/ml



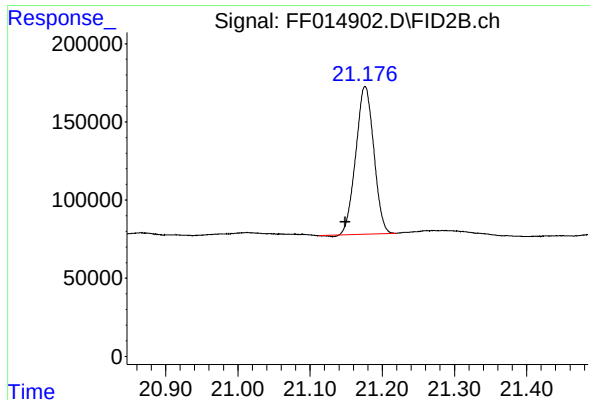
#19 n-Tetatriacontane (C34)

R.T.: 19.698 min
Delta R.T.: 0.022 min
Response: 2078822
Conc: 17.71 ug/ml



#20 n-Hexatriacontane (C36)

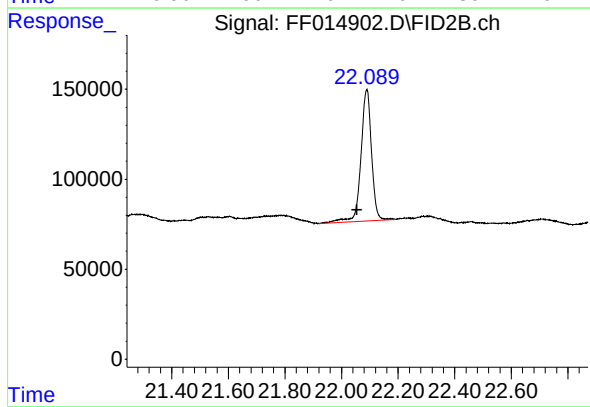
R.T.: 20.439 min
Delta R.T.: 0.024 min
Response: 1818229
Conc: 18.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: 0.027 min
Response: 1639672
Conc: 18.22 ug/ml

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FID_F
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: 0.035 min
Response: 1898560
Conc: 21.18 ug/ml