

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032125AL\
 Data File : FF015720.D
 Signal(s) : FID2B.ch
 Acq On : 21 Mar 2025 11:23
 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: autoint1.e
 Quant Time: Mar 21 22:41:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 02:31:19 2025
 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)	11.937	3267192	21.445 ug/ml
Spiked Amount 50.000		Recovery =	42.89%
12) S 1-chlorooctadecane (S...	13.371	2471138	21.774 ug/ml
Spiked Amount 50.000		Recovery =	43.55%
Target Compounds			
1) T n-Nonane (C9)	3.310	2779480	21.944 ug/ml
2) T n-Decane (C10)	4.566	2833998	22.069 ug/ml
3) T A~Naphthalene (C11.7)	6.278	2878419	22.178 ug/ml
4) T n-Dodecane (C12)	6.733	2868067	22.008 ug/ml
5) T A~2-methylnaphthalene...	7.376	2668193	22.516 ug/ml
6) T n-Tetradecane (C14)	8.561	2855907	22.052 ug/ml
7) T n-Hexadecane (C16)	10.169	2972618	22.230 ug/ml
8) T n-Octadecane (C18)	11.613	3048665	22.139 ug/ml
10) T n-Eicosane (C20)	12.923	2966881	22.014 ug/ml
11) T n-Heneicosane (C21)	13.536	2928358	21.911 ug/ml
13) T n-Docosane (C22)	14.123	2901590	21.683 ug/ml
14) T n-Tetracosane (C24)	15.228	2880160	21.514 ug/ml
15) T n-Hexacosane (C26)	16.250	2774910	21.217 ug/ml
16) T n-Octacosane (C28)	17.201	2695916	20.637 ug/ml
17) T n-Tricontane (C30)	18.090	2699853	20.021 ug/ml
18) T n-Dotriacontane (C32)	18.923	2575640	19.751 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2250666	19.281 ug/ml
20) T n-Hexatriacontane (C36)	20.447	1962436	19.769 ug/ml
21) T n-Octatriacontane (C38)	21.186	1839586	21.055 ug/ml
22) T n-Tetracontane (C40)	22.101	1737408	21.649 ug/ml

(f)=RT Delta > 1/2 Window

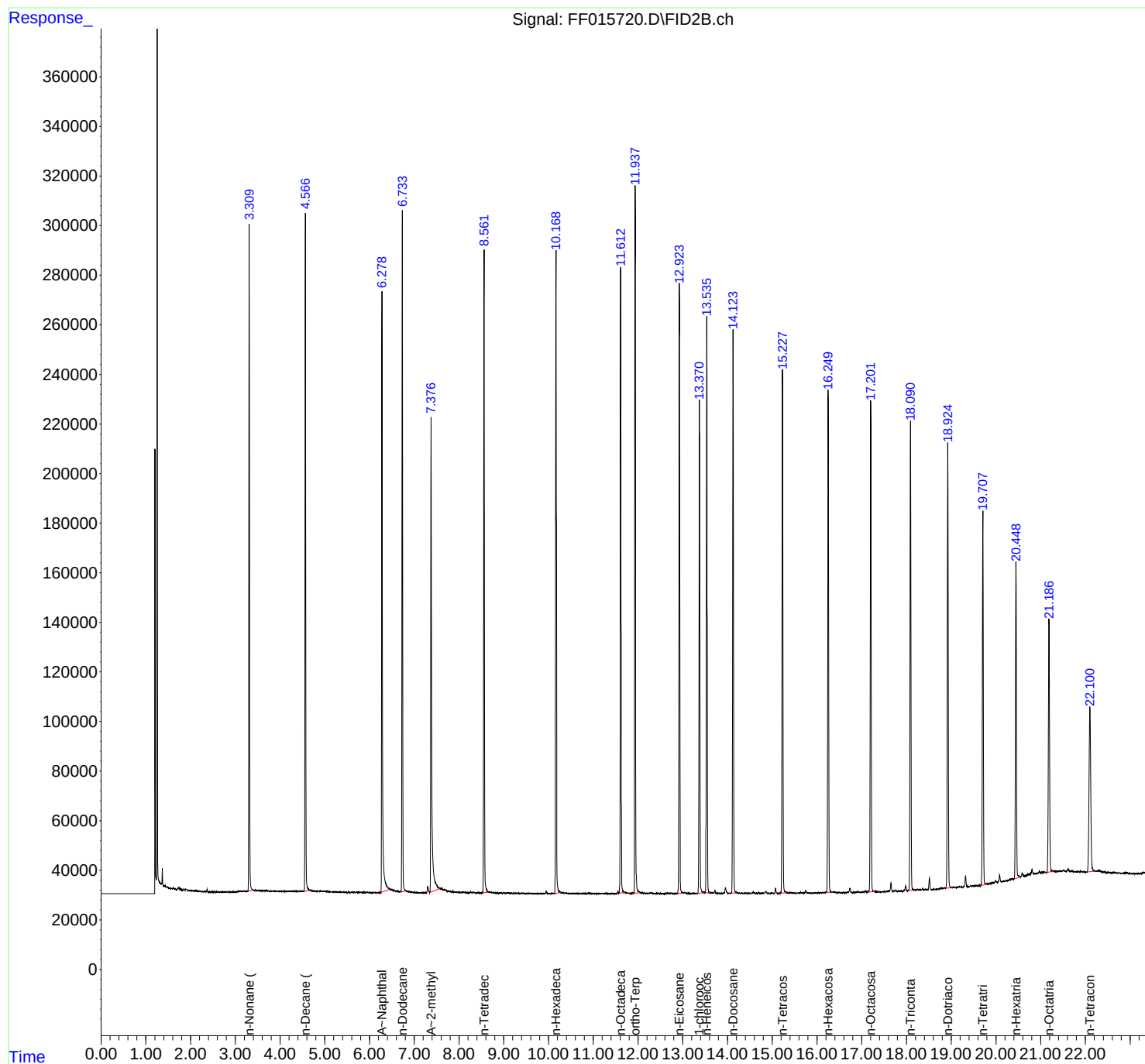
(m)=manual int.

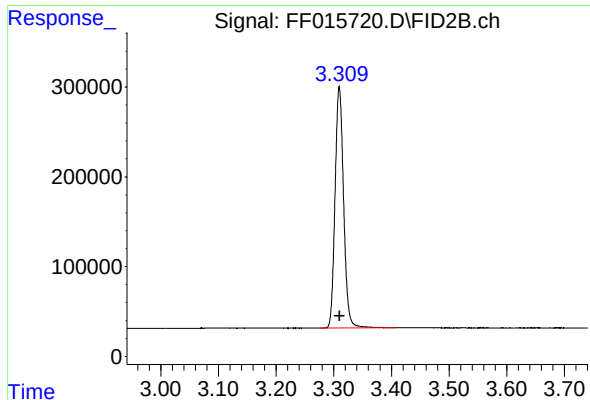
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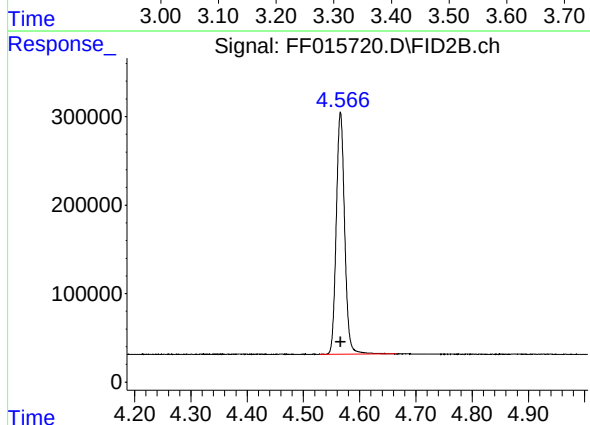




#1 n-Nonane (C9)

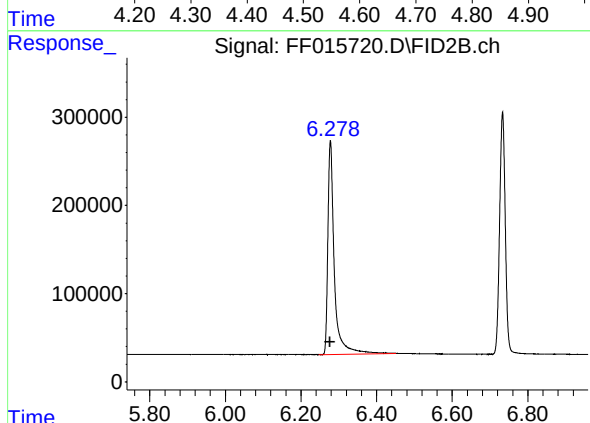
R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 2779480
Conc: 21.94 ug/ml

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20 PPM ALIPHATIC HC STD



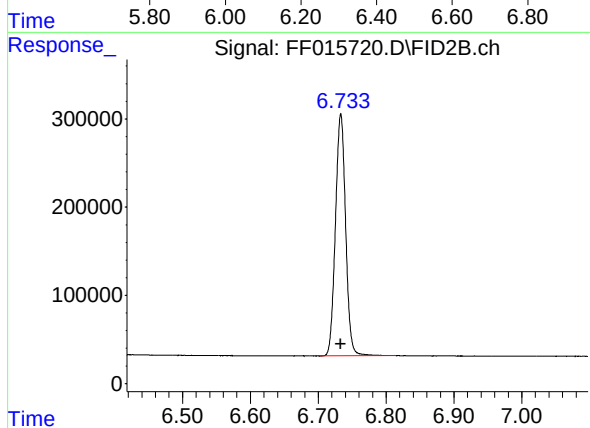
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 2833998
Conc: 22.07 ug/ml



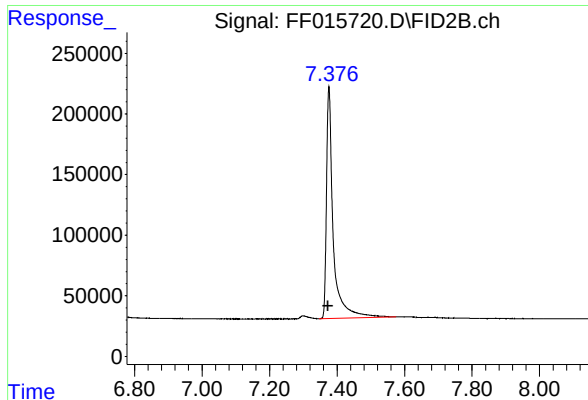
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.002 min
Response: 2878419
Conc: 22.18 ug/ml



#4 n-Dodecane (C12)

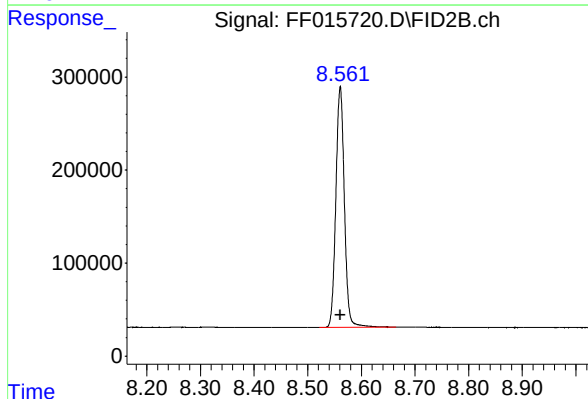
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 2868067
Conc: 22.01 ug/ml



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

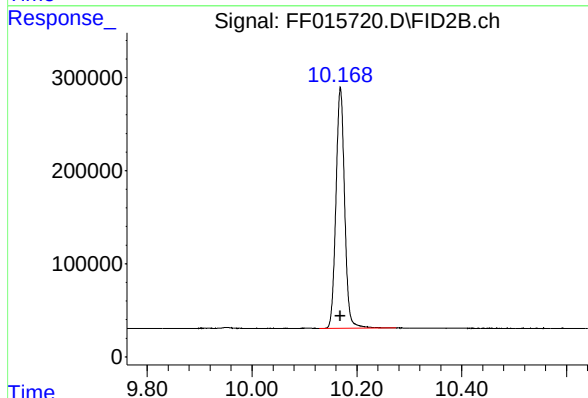
R.T.: 7.376 min
Delta R.T.: 0.003 min
Response: 2668193
Conc: 22.52 ug/ml

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20 PPM ALIPHATIC HC STD



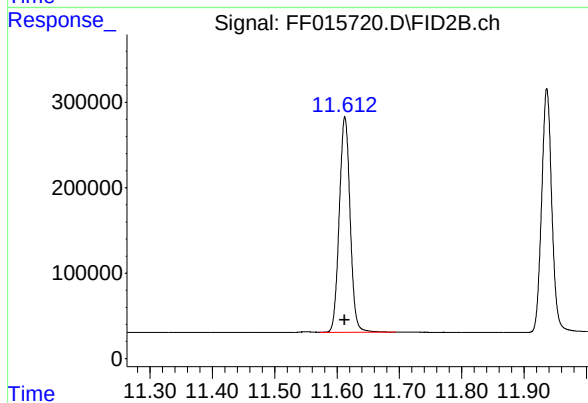
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 2855907
Conc: 22.05 ug/ml



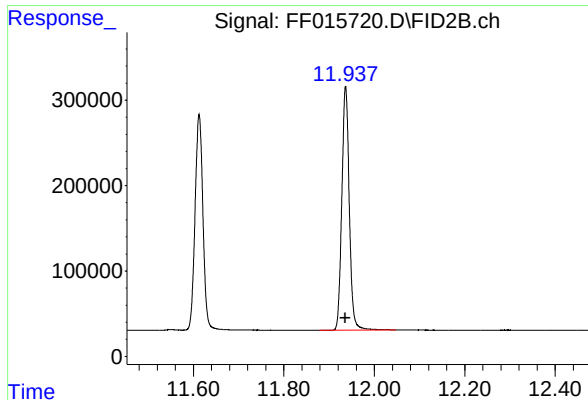
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 2972618
Conc: 22.23 ug/ml



#8 n-Octadecane (C18)

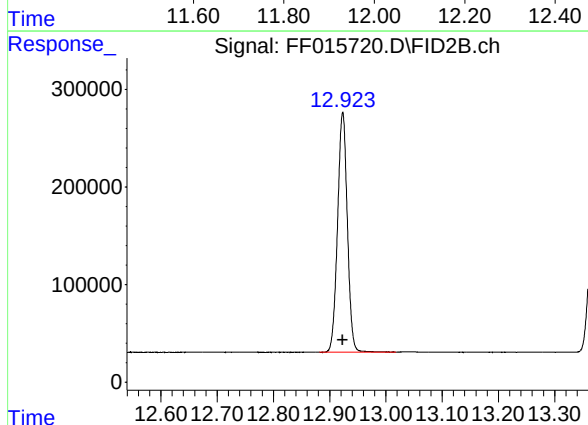
R.T.: 11.613 min
Delta R.T.: 0.000 min
Response: 3048665
Conc: 22.14 ug/ml



#9 ortho-Terphenyl (SURR)

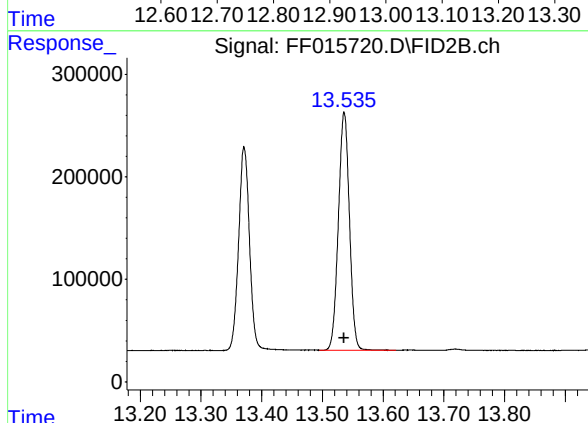
R.T.: 11.937 min
Delta R.T.: 0.000 min
Response: 3267192
Conc: 21.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



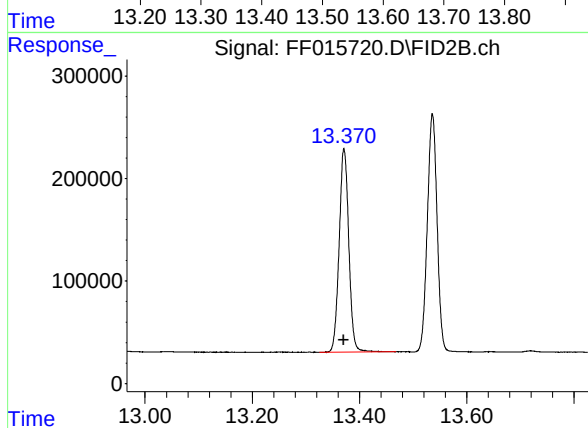
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 2966881
Conc: 22.01 ug/ml



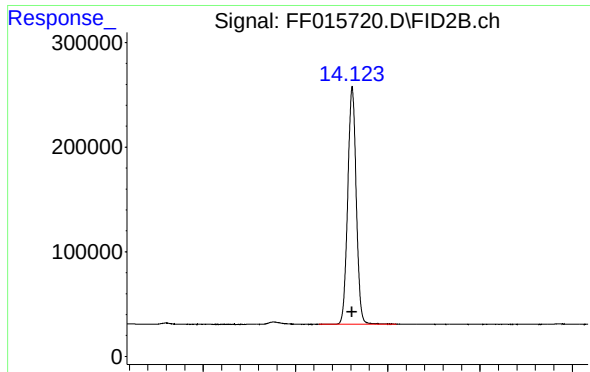
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.000 min
Response: 2928358
Conc: 21.91 ug/ml



#12 1-chlorooctadecane (SURR)

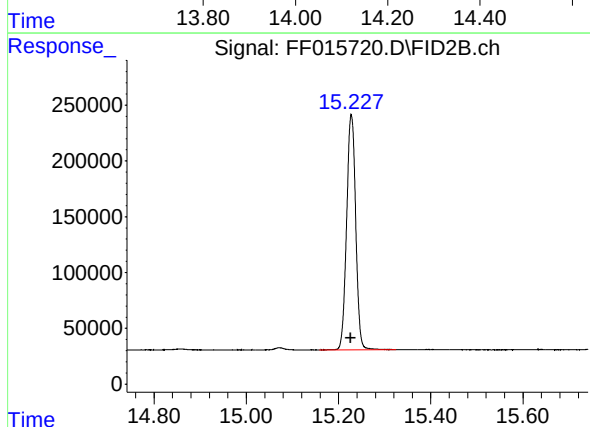
R.T.: 13.371 min
Delta R.T.: 0.000 min
Response: 2471138
Conc: 21.77 ug/ml



#13 n-Docosane (C22)

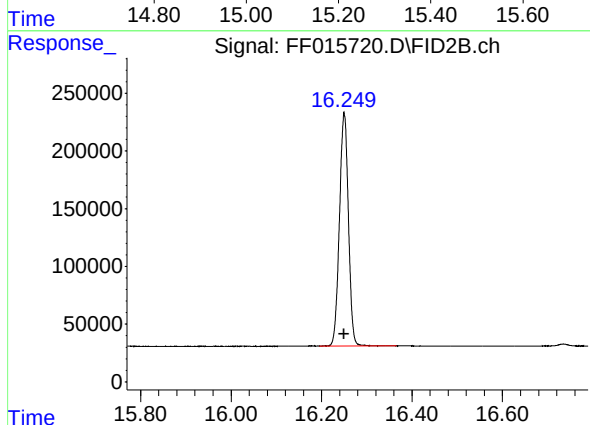
R.T.: 14.123 min
Delta R.T.: 0.000 min
Response: 2901590
Conc: 21.68 ug/ml

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20 PPM ALIPHATIC HC STD



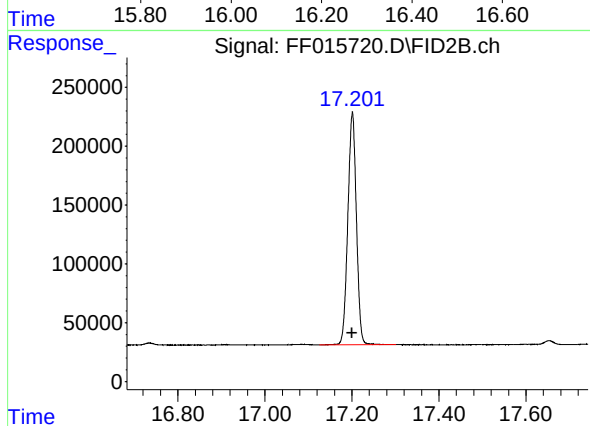
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: 0.001 min
Response: 2880160
Conc: 21.51 ug/ml



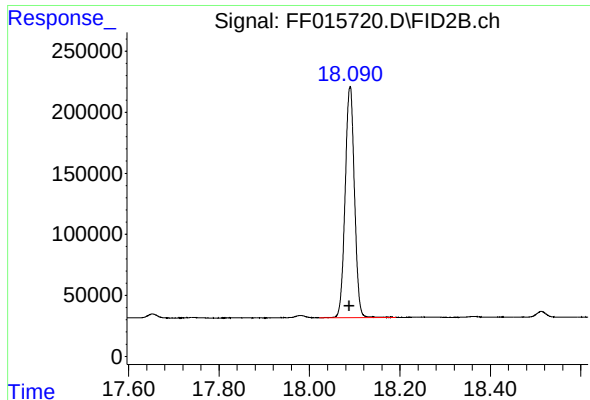
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: 0.000 min
Response: 2774910
Conc: 21.22 ug/ml



#16 n-Octacosane (C28)

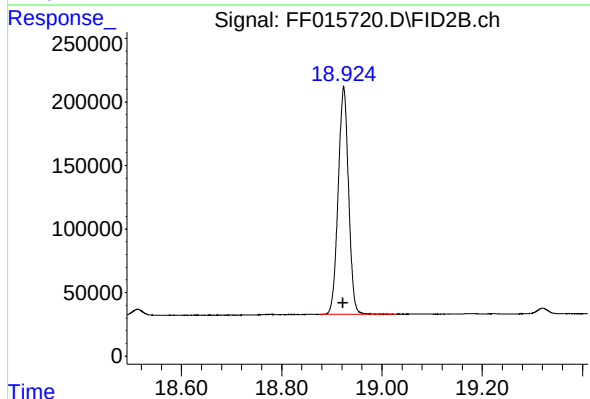
R.T.: 17.201 min
Delta R.T.: 0.000 min
Response: 2695916
Conc: 20.64 ug/ml



#17 n-Tricontane (C30)

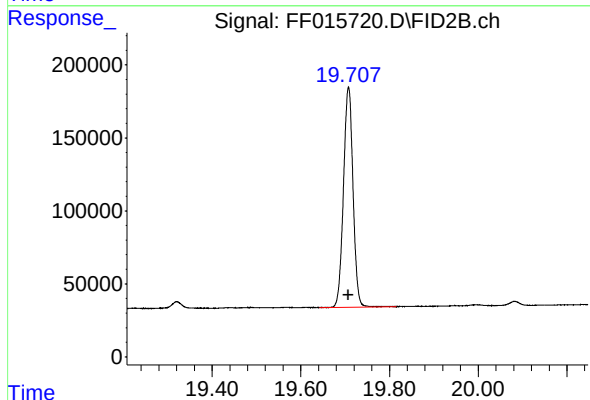
R.T.: 18.090 min
Delta R.T.: 0.000 min
Response: 2699853
Conc: 20.02 ug/ml

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20 PPM ALIPHATIC HC STD



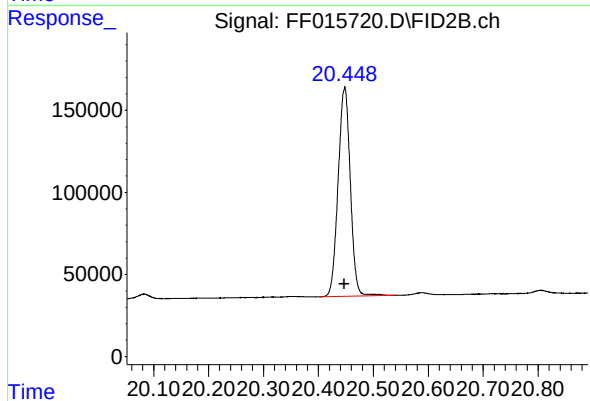
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.001 min
Response: 2575640
Conc: 19.75 ug/ml



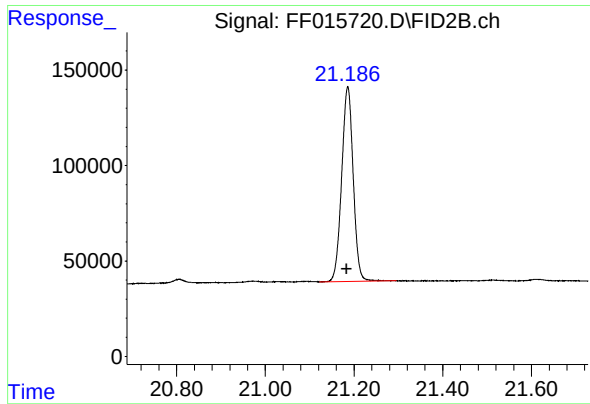
#19 n-Tetatriacontane (C34)

R.T.: 19.707 min
Delta R.T.: 0.000 min
Response: 2250666
Conc: 19.28 ug/ml



#20 n-Hexatriacontane (C36)

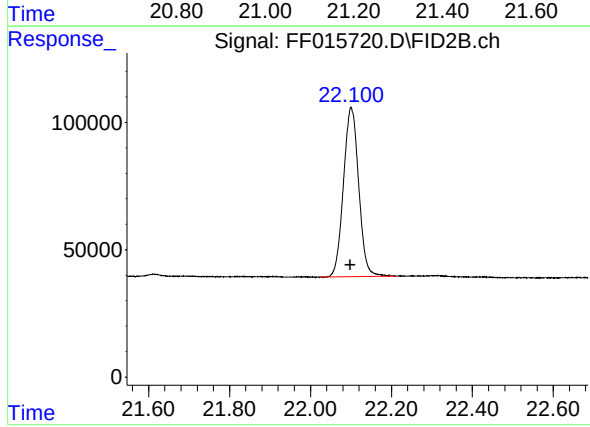
R.T.: 20.447 min
Delta R.T.: 0.000 min
Response: 1962436
Conc: 19.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: 0.002 min
Response: 1839586
Conc: 21.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: 0.002 min
Response: 1737408
Conc: 21.65 ug/ml