

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AL\
 Data File : FF016005.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 17:28
 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: Jun 17 01:54:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 03:15:40 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)	12.001	2787415	19.350 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
12) S 1-chlorooctadecane (S...	13.438	2146182	19.142 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
Target Compounds			
1) T n-Nonane (C9)	3.367	2286058	19.495 ug/ml
2) T n-Decane (C10)	4.625	2343975	19.585 ug/ml
3) T A~Naphthalene (C11.7)	6.332	2574052	19.572 ug/ml
4) T n-Dodecane (C12)	6.798	2376353	19.630 ug/ml
5) T A~2-methylnaphthalene...	7.431	2506990	19.566 ug/ml
6) T n-Tetradecane (C14)	8.629	2379995	19.571 ug/ml
7) T n-Hexadecane (C16)	10.237	2478317	19.583 ug/ml
8) T n-Octadecane (C18)	11.682	2539923	19.476 ug/ml
10) T n-Eicosane (C20)	12.993	2474649	19.269 ug/ml
11) T n-Heneicosane (C21)	13.606	2450346	19.239 ug/ml
13) T n-Docosane (C22)	14.194	2452823	19.172 ug/ml
14) T n-Tetracosane (C24)	15.297	2468148	19.024 ug/ml
15) T n-Hexacosane (C26)	16.321	2426255	18.915 ug/ml
16) T n-Octacosane (C28)	17.272	2370494	18.898 ug/ml
17) T n-Tricontane (C30)	18.160	2369227	18.941 ug/ml
18) T n-Dotriacontane (C32)	18.996	2236086	18.914 ug/ml
19) T n-Tetratriacontane (C34)	19.781	2008156	19.056 ug/ml
20) T n-Hexatriacontane (C36)	20.522	1728078	19.202 ug/ml
21) T n-Octatriacontane (C38)	21.285	1542263	19.084 ug/ml
22) T n-Tetracontane (C40)	22.241	1410743	19.077 ug/ml

(f)=RT Delta > 1/2 Window

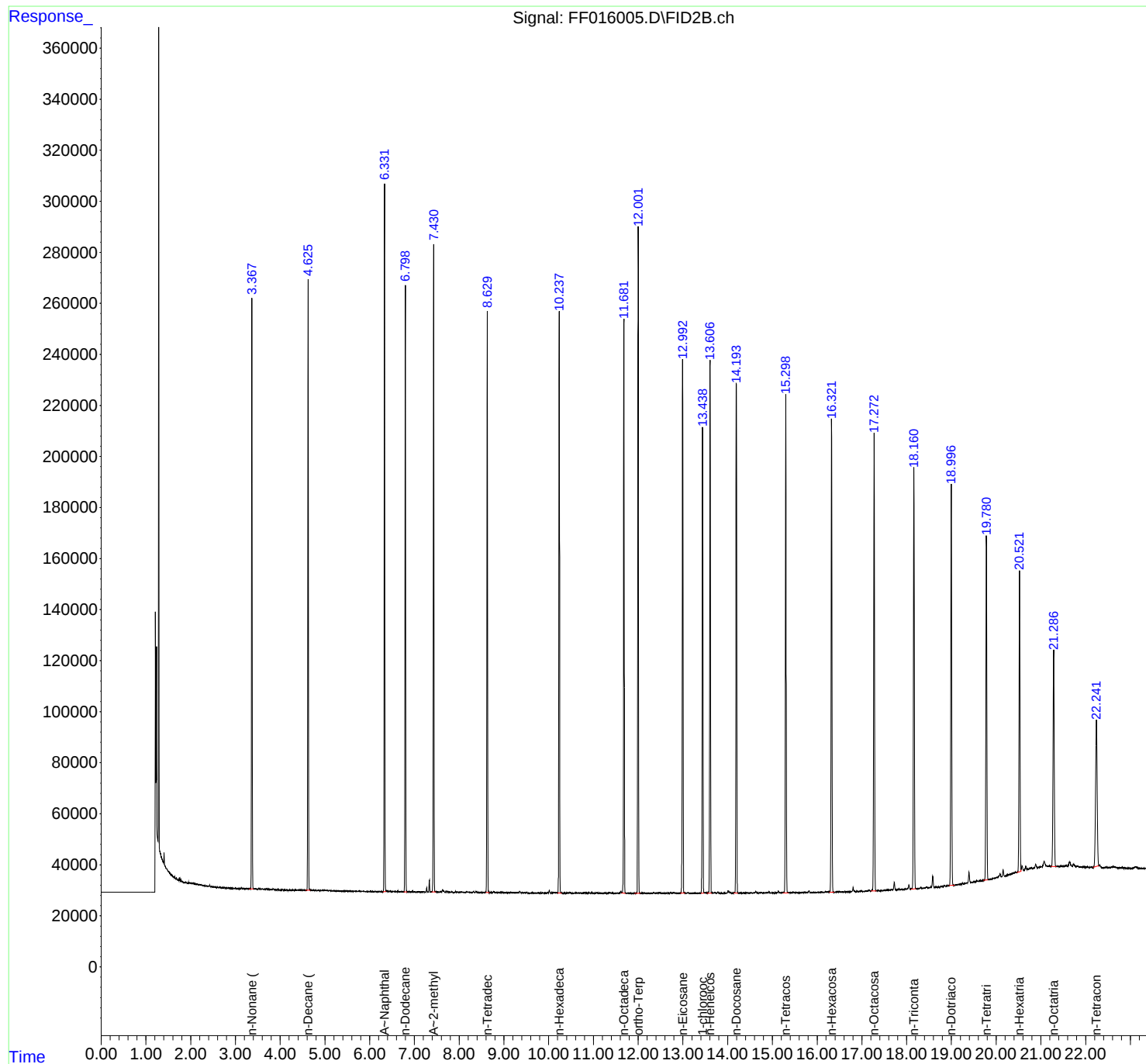
(m)=manual int.

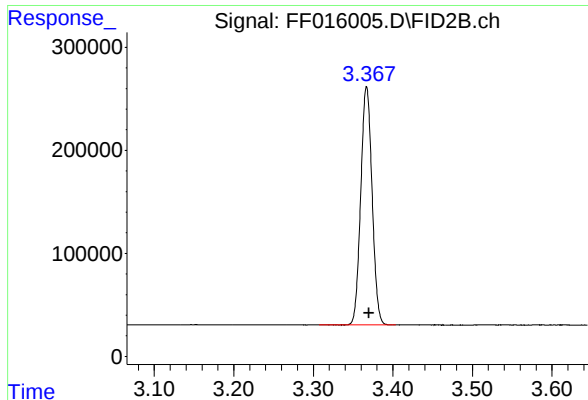
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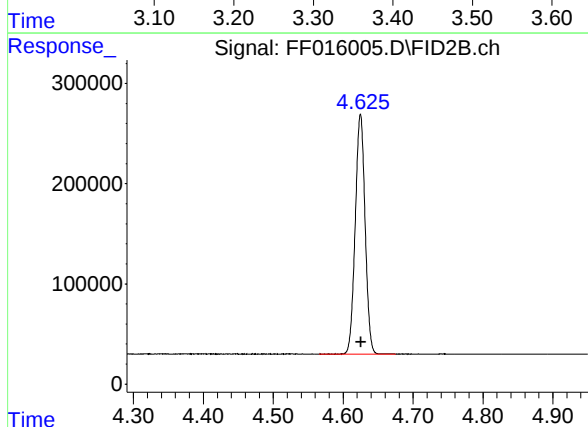




#1 n-Nonane (C9)

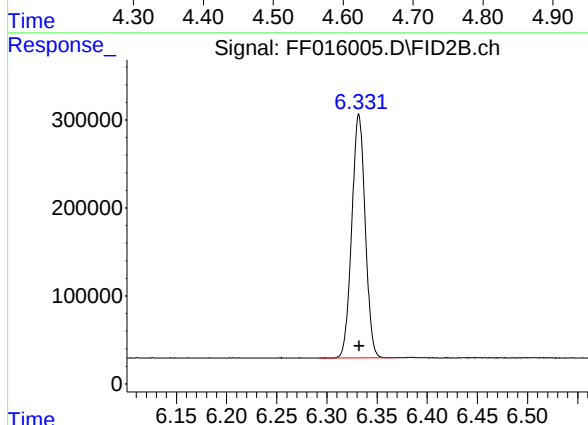
R.T.: 3.367 min
Delta R.T.: -0.003 min
Response: 2286058
Conc: 19.49 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



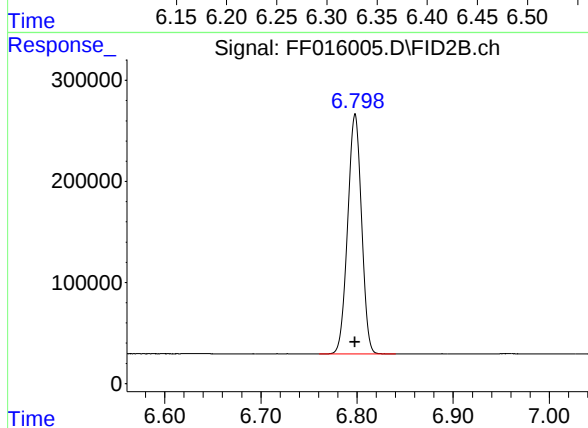
#2 n-Decane (C10)

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 2343975
Conc: 19.59 ug/ml



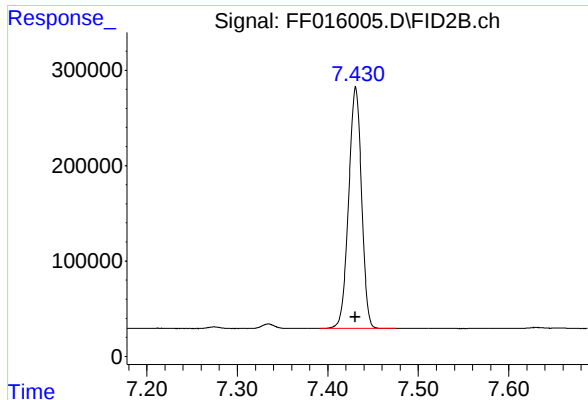
#3 A~Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 2574052
Conc: 19.57 ug/ml



#4 n-Dodecane (C12)

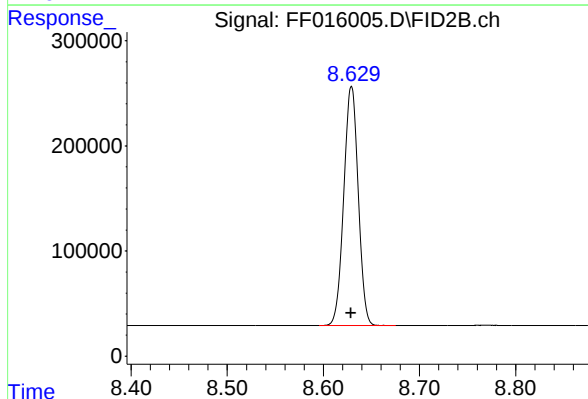
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 2376353
Conc: 19.63 ug/ml



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

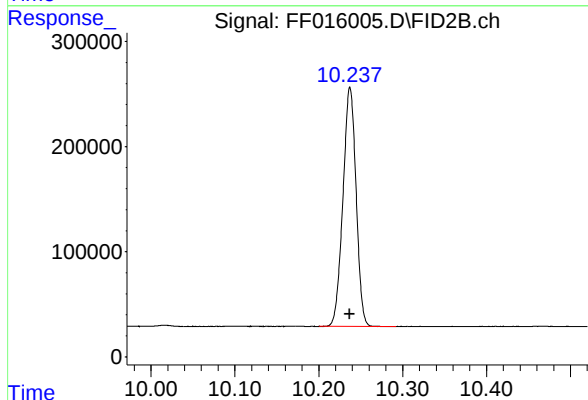
R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 2506990
Conc: 19.57 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



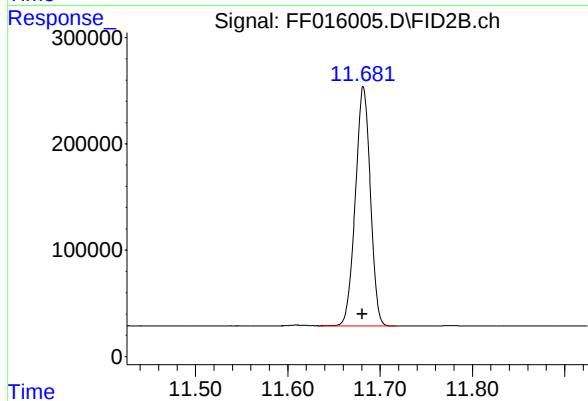
#6 n-Tetradecane (C14)

R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 2379995
Conc: 19.57 ug/ml



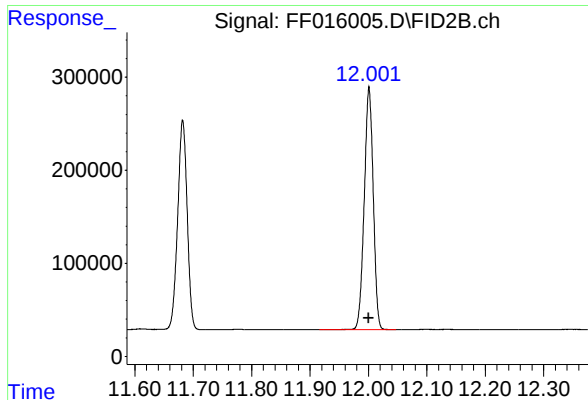
#7 n-Hexadecane (C16)

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 2478317
Conc: 19.58 ug/ml



#8 n-Octadecane (C18)

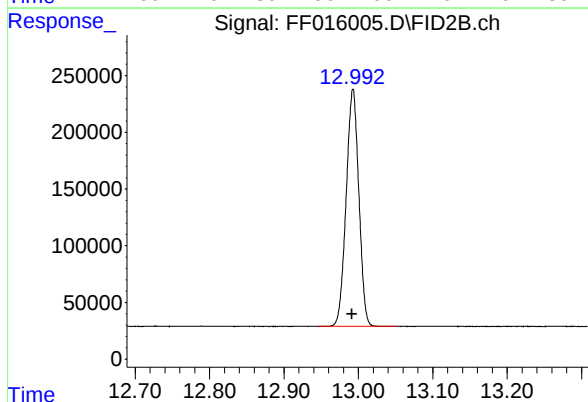
R.T.: 11.682 min
Delta R.T.: 0.001 min
Response: 2539923
Conc: 19.48 ug/ml



#9 ortho-Terphenyl (SURR)

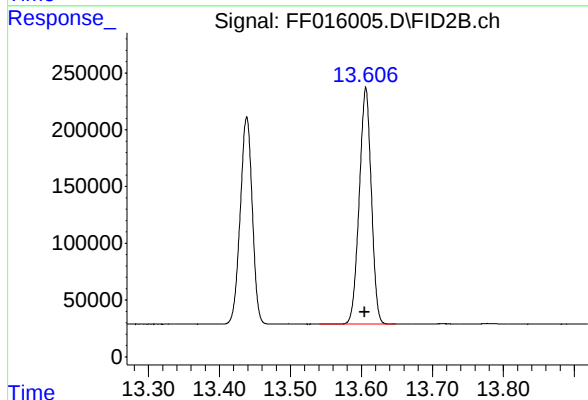
R.T.: 12.001 min
Delta R.T.: 0.000 min
Response: 2787415
Conc: 19.35 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



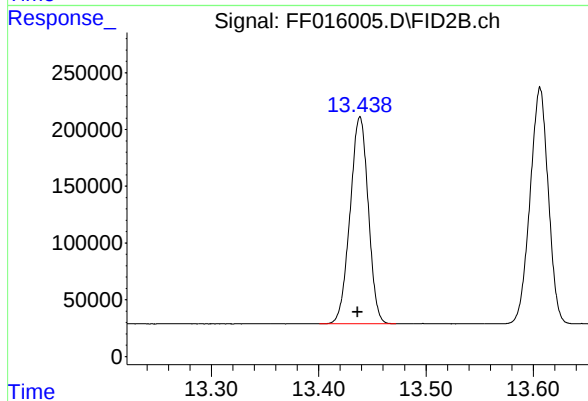
#10 n-Eicosane (C20)

R.T.: 12.993 min
Delta R.T.: 0.001 min
Response: 2474649
Conc: 19.27 ug/ml



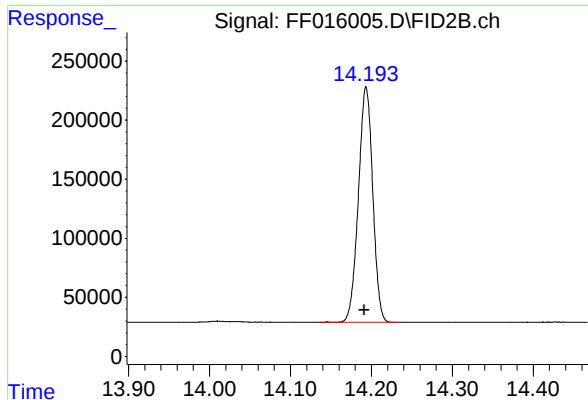
#11 n-Heneicosane (C21)

R.T.: 13.606 min
Delta R.T.: 0.002 min
Response: 2450346
Conc: 19.24 ug/ml



#12 1-chlorooctadecane (SURR)

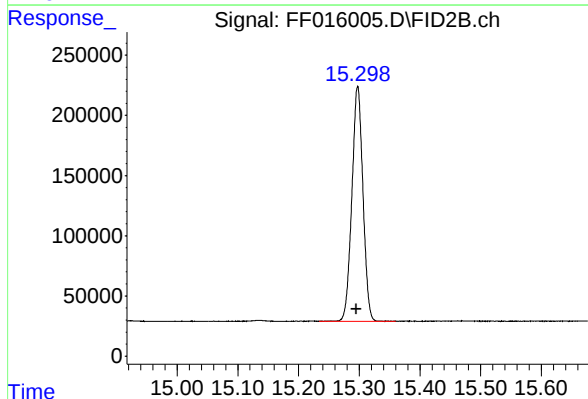
R.T.: 13.438 min
Delta R.T.: 0.002 min
Response: 2146182
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

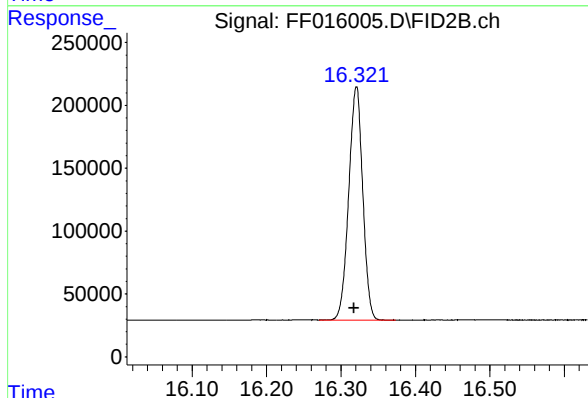
R.T.: 14.194 min
Delta R.T.: 0.002 min
Response: 2452823
Conc: 19.17 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



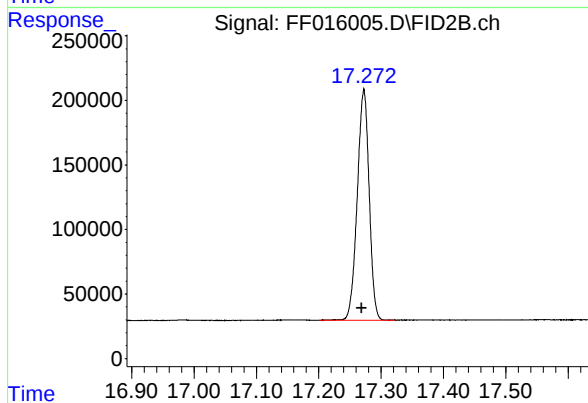
#14 n-Tetracosane (C24)

R.T.: 15.297 min
Delta R.T.: 0.002 min
Response: 2468148
Conc: 19.02 ug/ml



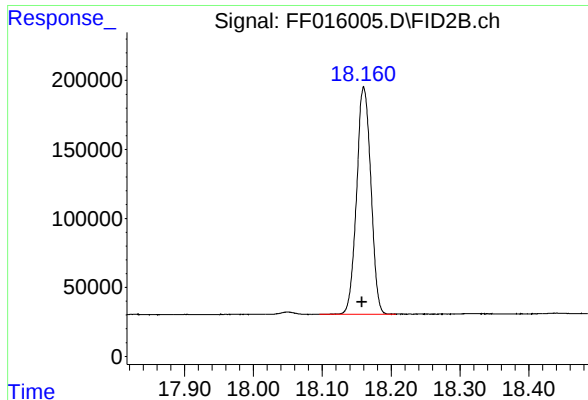
#15 n-Hexacosane (C26)

R.T.: 16.321 min
Delta R.T.: 0.003 min
Response: 2426255
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

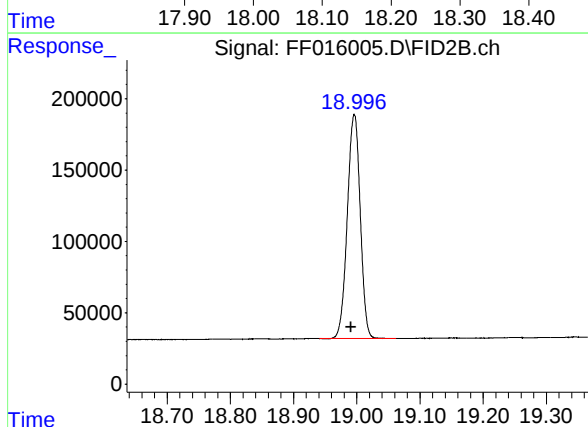
R.T.: 17.272 min
Delta R.T.: 0.003 min
Response: 2370494
Conc: 18.90 ug/ml



#17 n-Tricontane (C30)

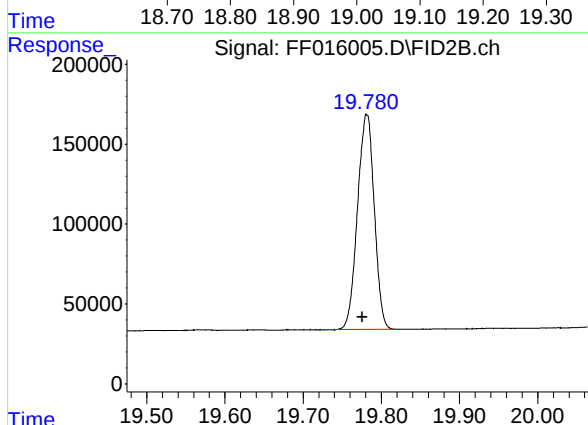
R.T.: 18.160 min
Delta R.T.: 0.003 min
Response: 2369227
Conc: 18.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



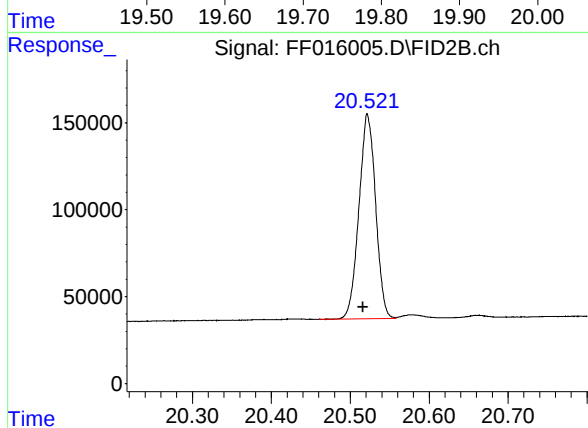
#18 n-Dotriacontane (C32)

R.T.: 18.996 min
Delta R.T.: 0.005 min
Response: 2236086
Conc: 18.91 ug/ml



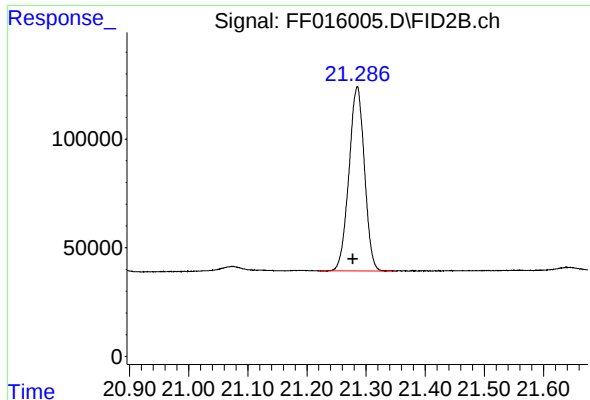
#19 n-Tetatriacontane (C34)

R.T.: 19.781 min
Delta R.T.: 0.006 min
Response: 2008156
Conc: 19.06 ug/ml



#20 n-Hexatriacontane (C36)

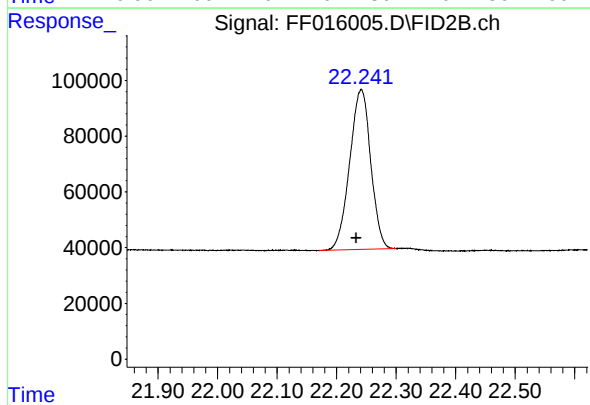
R.T.: 20.522 min
Delta R.T.: 0.006 min
Response: 1728078
Conc: 19.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.285 min
Delta R.T.: 0.007 min
Response: 1542263
Conc: 19.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.241 min
Delta R.T.: 0.008 min
Response: 1410743
Conc: 19.08 ug/ml