

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AL\
 Data File : FF016015.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 22:50
 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 01:57:36 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	2814162	19.536 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
12) S 1-chlorooctadecane (S...	13.438	2168773	19.343 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T n-Nonane (C9)	3.366	2322819	19.808 ug/ml
2) T n-Decane (C10)	4.624	2379969	19.886 ug/ml
3) T A~Naphthalene (C11.7)	6.331	2612417	19.864 ug/ml
4) T n-Dodecane (C12)	6.798	2411230	19.918 ug/ml
5) T A~2-methylnaphthalene...	7.430	2545547	19.867 ug/ml
6) T n-Tetradecane (C14)	8.629	2411930	19.833 ug/ml
7) T n-Hexadecane (C16)	10.237	2504991	19.794 ug/ml
8) T n-Octadecane (C18)	11.682	2561059	19.638 ug/ml
10) T n-Eicosane (C20)	12.993	2490719	19.394 ug/ml
11) T n-Heneicosane (C21)	13.606	2465063	19.355 ug/ml
13) T n-Docosane (C22)	14.193	2472958	19.329 ug/ml
14) T n-Tetracosane (C24)	15.297	2482034	19.131 ug/ml
15) T n-Hexacosane (C26)	16.320	2441658	19.035 ug/ml
16) T n-Octacosane (C28)	17.272	2392966	19.077 ug/ml
17) T n-Tricontane (C30)	18.161	2403092	19.212 ug/ml
18) T n-Dotriacontane (C32)	18.995	2272575	19.222 ug/ml
19) T n-Tetratriacontane (C34)	19.780	2049608	19.449 ug/ml
20) T n-Hexatriacontane (C36)	20.521	1762566	19.585 ug/ml
21) T n-Octatriacontane (C38)	21.283	1591044	19.687 ug/ml
22) T n-Tetracontane (C40)	22.238	1488684	20.131 ug/ml

(f)=RT Delta > 1/2 Window

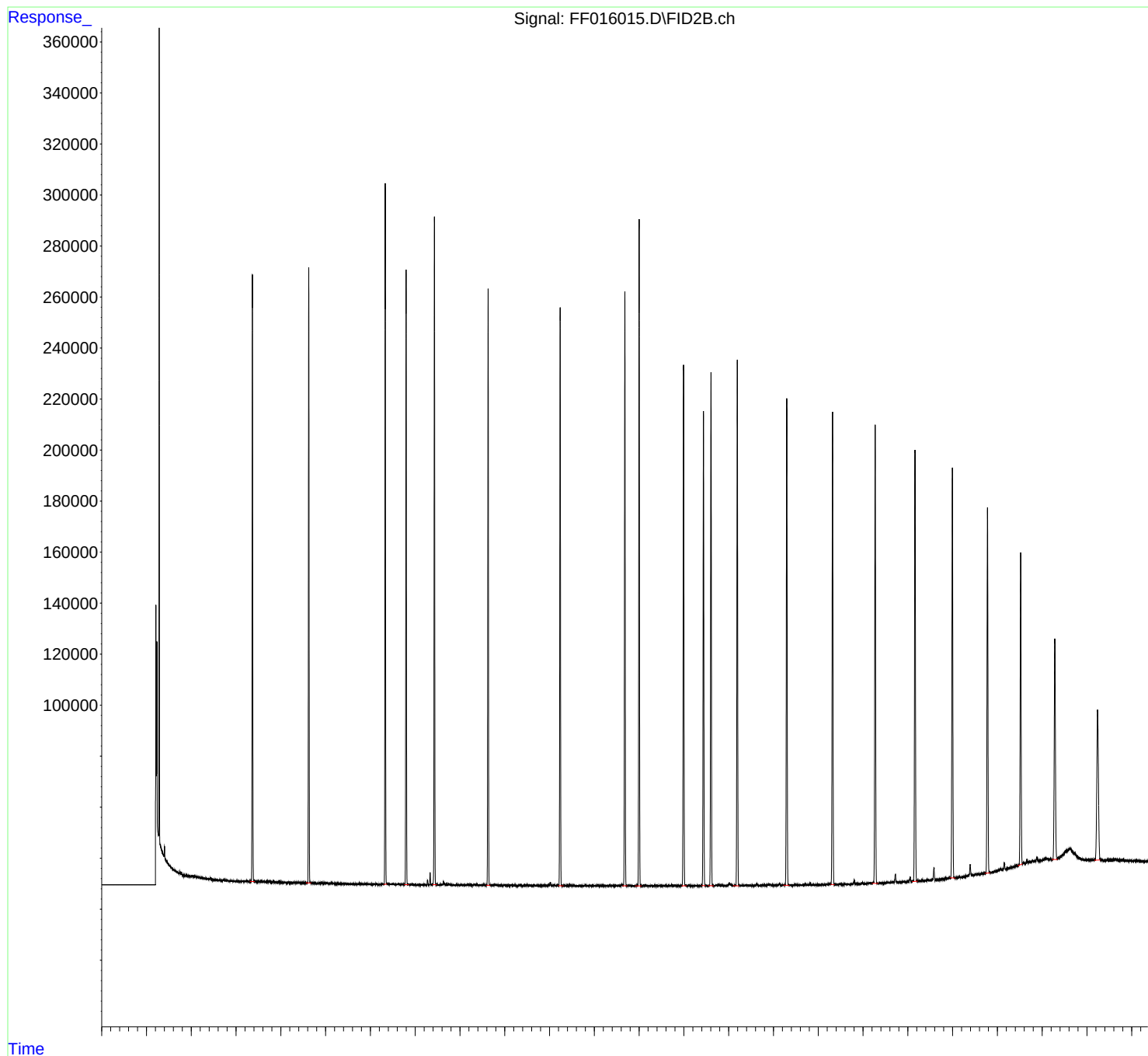
(m)=manual int.

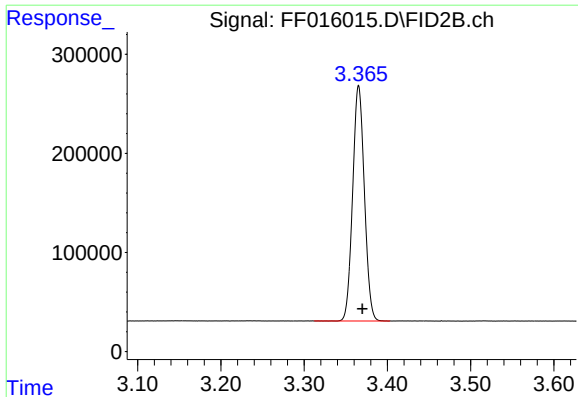
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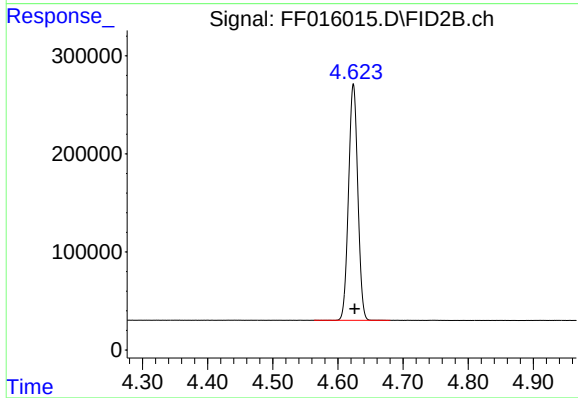




#1 n-Nonane (C9)

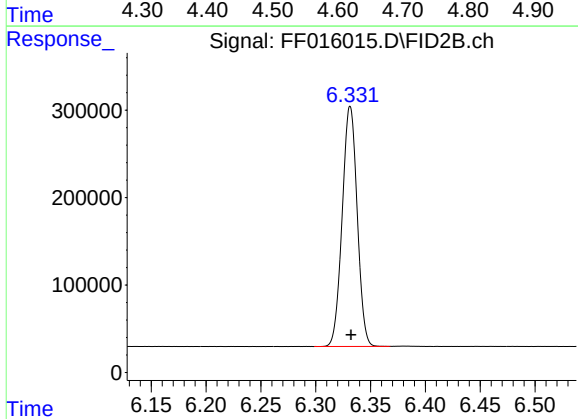
R.T.: 3.366 min
Delta R.T.: -0.004 min
Response: 2322819
Conc: 19.81 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



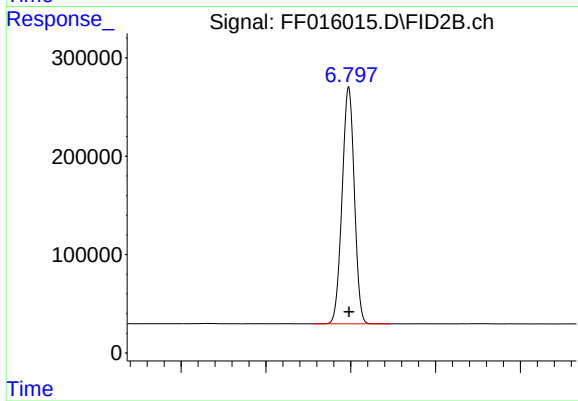
#2 n-Decane (C10)

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 2379969
Conc: 19.89 ug/ml



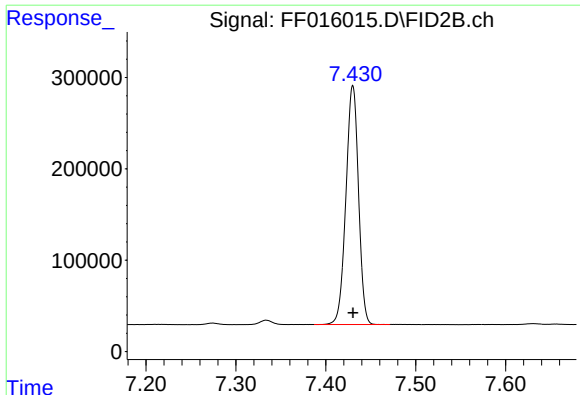
#3 A~Naphthalene (C11.7)

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 2612417
Conc: 19.86 ug/ml



#4 n-Dodecane (C12)

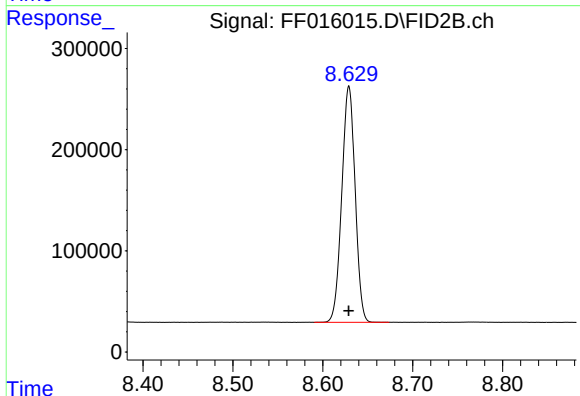
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 2411230
Conc: 19.92 ug/ml



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

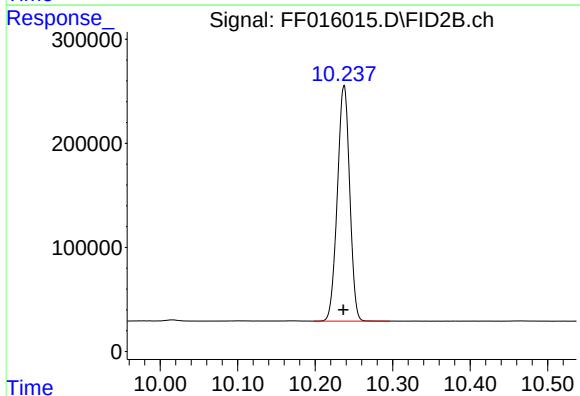
R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 2545547
Conc: 19.87 ug/ml

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20 PPM ALIPHATIC HC STD



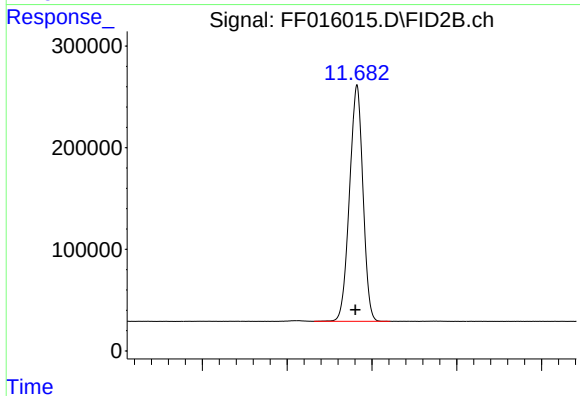
#6 n-Tetradecane (C14)

R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 2411930
Conc: 19.83 ug/ml



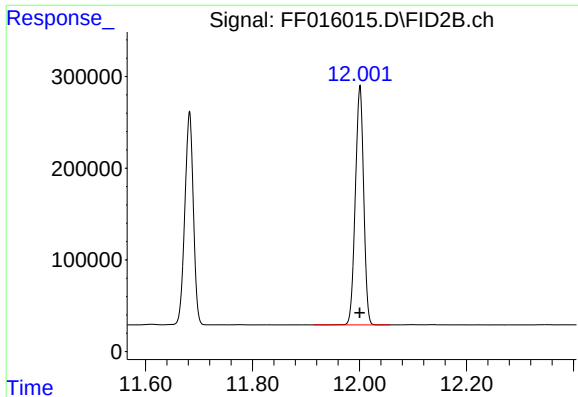
#7 n-Hexadecane (C16)

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 2504991
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

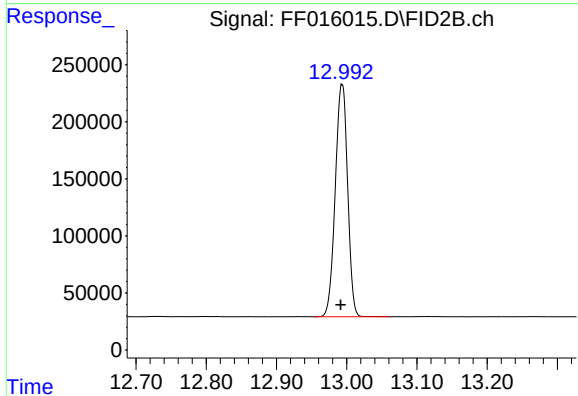
R.T.: 11.682 min
Delta R.T.: 0.002 min
Response: 2561059
Conc: 19.64 ug/ml



#9 ortho-Terphenyl (SURR)

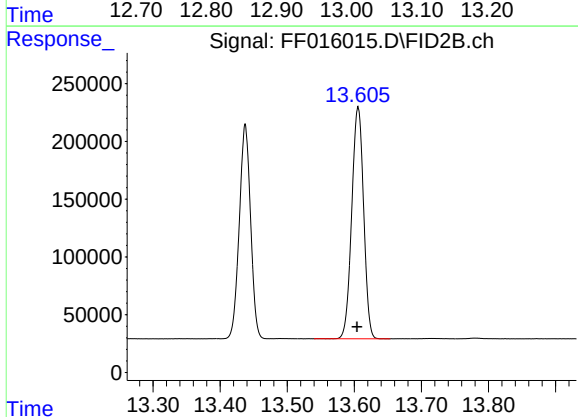
R.T.: 12.001 min
Delta R.T.: 0.000 min
Response: 2814162
Conc: 19.54 ug/ml

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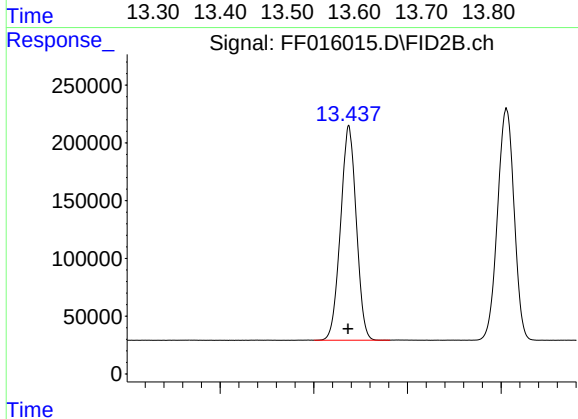
#10 n-Eicosane (C20)

R.T.: 12.993 min
Delta R.T.: 0.002 min
Response: 2490719
Conc: 19.39 ug/ml



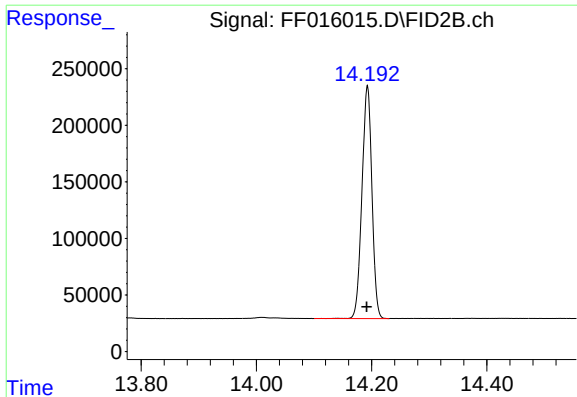
#11 n-Heneicosane (C21)

R.T.: 13.606 min
Delta R.T.: 0.001 min
Response: 2465063
Conc: 19.36 ug/ml



#12 1-chlorooctadecane (SURR)

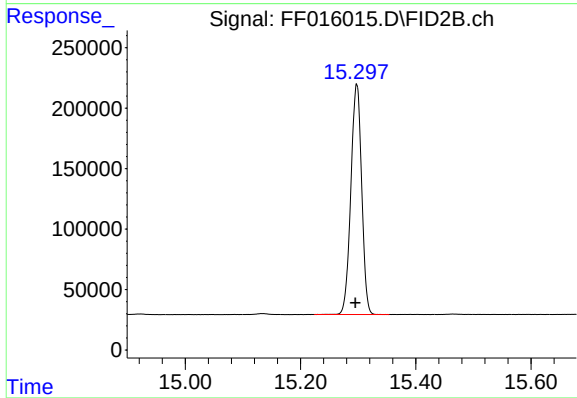
R.T.: 13.438 min
Delta R.T.: 0.000 min
Response: 2168773
Conc: 19.34 ug/ml



#13 n-Docosane (C22)

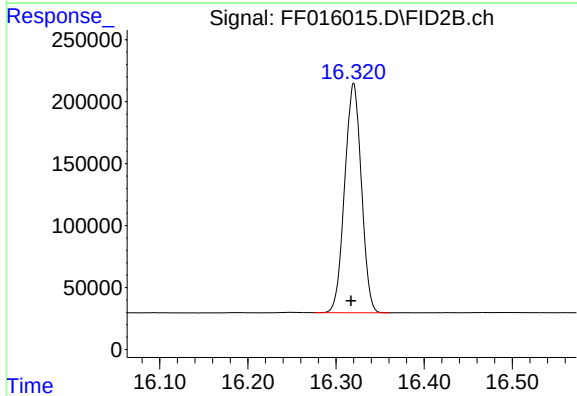
R.T.: 14.193 min
Delta R.T.: 0.002 min
Response: 2472958
Conc: 19.33 ug/ml

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20 PPM ALIPHATIC HC STD



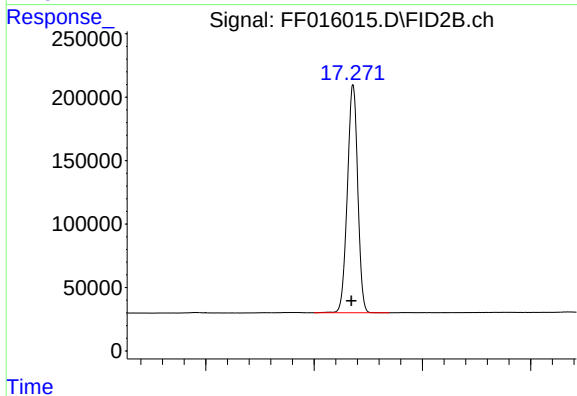
#14 n-Tetracosane (C24)

R.T.: 15.297 min
Delta R.T.: 0.002 min
Response: 2482034
Conc: 19.13 ug/ml



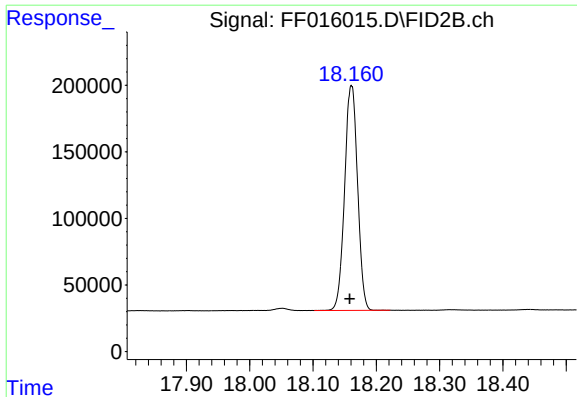
#15 n-Hexacosane (C26)

R.T.: 16.320 min
Delta R.T.: 0.003 min
Response: 2441658
Conc: 19.03 ug/ml



#16 n-Octacosane (C28)

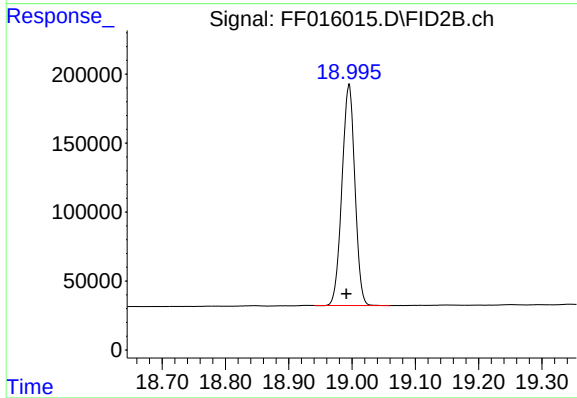
R.T.: 17.272 min
Delta R.T.: 0.003 min
Response: 2392966
Conc: 19.08 ug/ml



#17 n-Tricontane (C30)

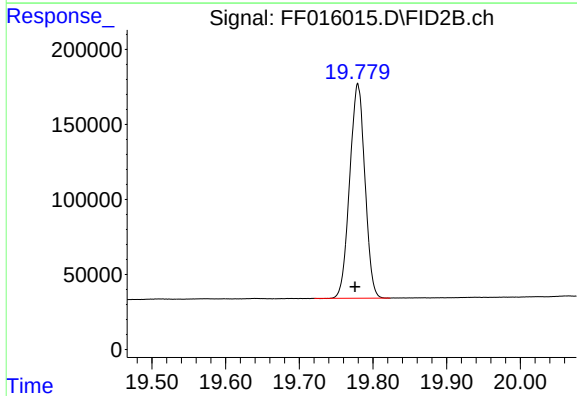
R.T.: 18.161 min
Delta R.T.: 0.003 min
Response: 2403092
Conc: 19.21 ug/ml

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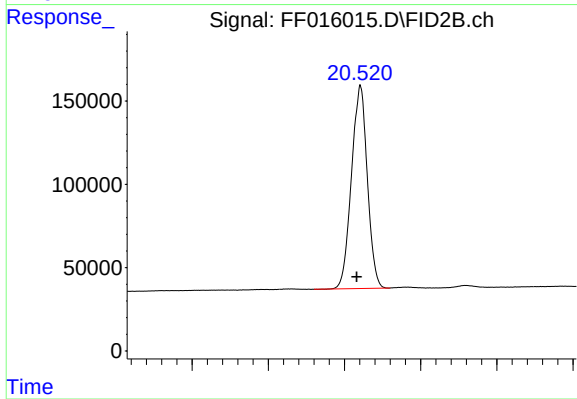
#18 n-Dotriacontane (C32)

R.T.: 18.995 min
Delta R.T.: 0.004 min
Response: 2272575
Conc: 19.22 ug/ml



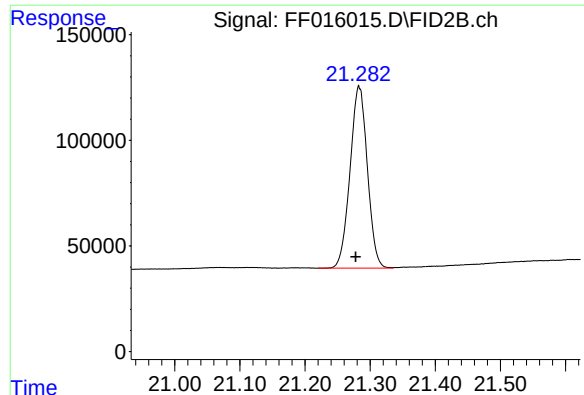
#19 n-Tetratriacontane (C34)

R.T.: 19.780 min
Delta R.T.: 0.004 min
Response: 2049608
Conc: 19.45 ug/ml



#20 n-Hexatriacontane (C36)

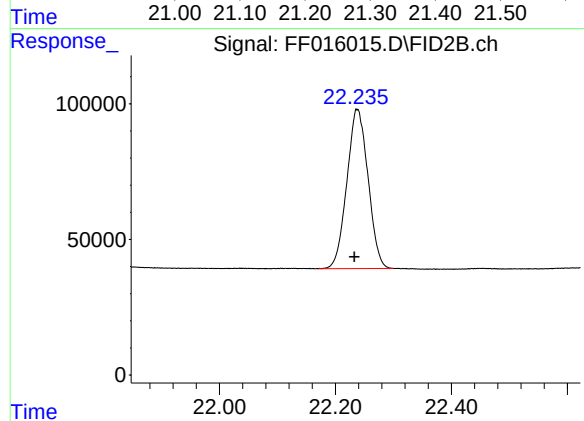
R.T.: 20.521 min
Delta R.T.: 0.005 min
Response: 1762566
Conc: 19.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.283 min
Delta R.T.: 0.005 min
Response: 1591044
Conc: 19.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.238 min
Delta R.T.: 0.005 min
Response: 1488684
Conc: 20.13 ug/ml