

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040723AL\
 Data File : FD045457.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2023 12:01
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 10 04:18:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 05:57:21 2023
 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)	11.440	3345970	19.956 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
12) S 1-chlorooctadecane (S...	12.874	2443950	20.462 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
Target Compounds			
1) T n-Nonane (C9)	3.260	3022625	19.844 ug/ml
2) T n-Decane (C10)	4.318	2978446	19.733 ug/ml
3) T A~Naphthalene (C11.7)	5.884	3426401	19.789 ug/ml
4) T n-Dodecane (C12)	6.323	3004612	19.695 ug/ml
5) T A~2-methylnaphthalene...	6.933	3204372	19.854 ug/ml
6) T n-Tetradecane (C14)	8.108	3029666	19.797 ug/ml
7) T n-Hexadecane (C16)	9.700	3092653	19.859 ug/ml
8) T n-Octadecane (C18)	11.132	3123840	19.946 ug/ml
10) T n-Eicosane (C20)	12.434	2971937	20.042 ug/ml
11) T n-Heneicosane (C21)	13.042	2952896	20.067 ug/ml
13) T n-Docosane (C22)	13.625	2893645	20.049 ug/ml
14) T n-Tetracosane (C24)	14.720	2790877	19.996 ug/ml
15) T n-Hexacosane (C26)	15.733	2663111	19.817 ug/ml
16) T n-Octacosane (C28)	16.676	2610983	19.855 ug/ml
17) T n-Tricontane (C30)	17.557	2605120	19.992 ug/ml
18) T n-Dotriacontane (C32)	18.383	2626880	20.187 ug/ml
19) T n-Tetratriacontane (C34)	19.160	2535098	20.290 ug/ml
20) T n-Hexatriacontane (C36)	19.894	2322507	20.243 ug/ml
21) T n-Octatriacontane (C38)	20.598	2128374	19.397 ug/ml
22) T n-Tetracontane (C40)	21.431	1848340	17.229 ug/ml

(f)=RT Delta > 1/2 Window

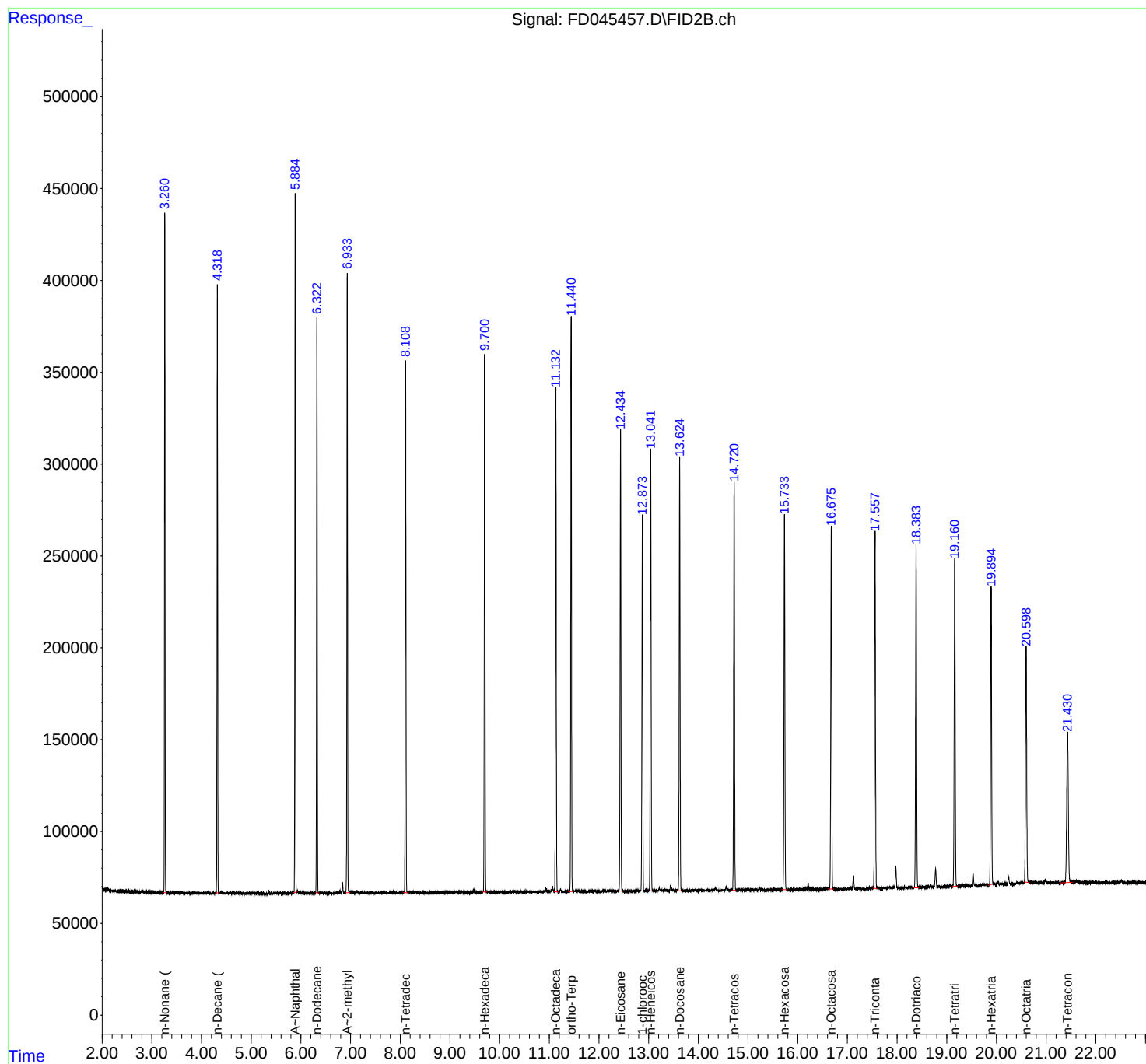
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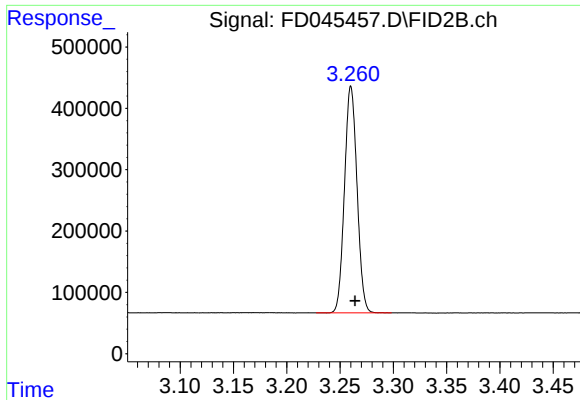
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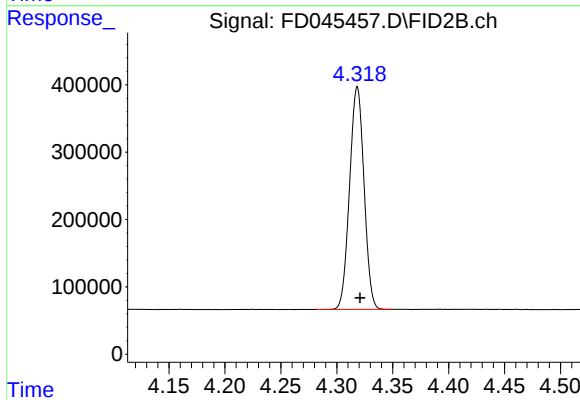




#1 n-Nonane (C9)

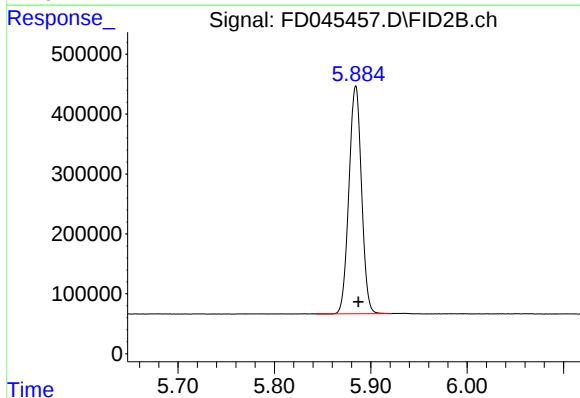
R.T.: 3.260 min
Delta R.T.: -0.004 min
Response: 3022625
Conc: 19.84 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



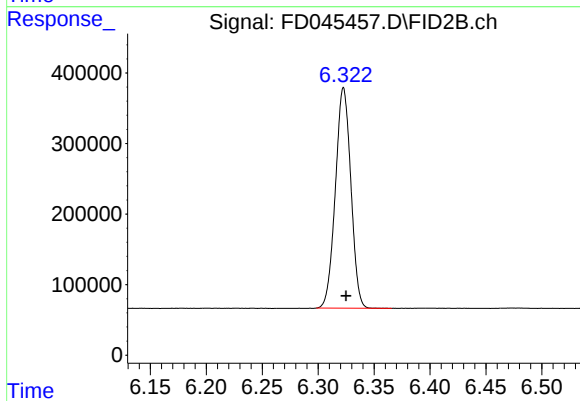
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.002 min
Response: 2978446
Conc: 19.73 ug/ml



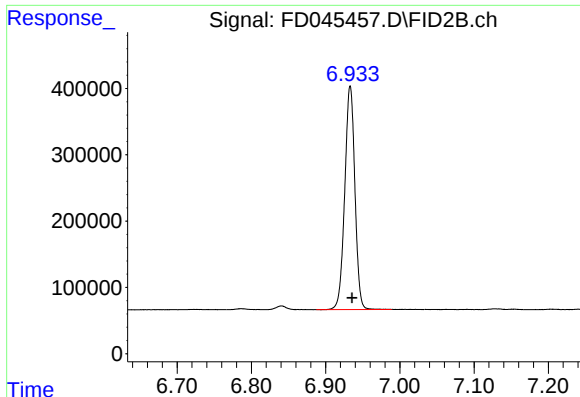
#3 A~Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.003 min
Response: 3426401
Conc: 19.79 ug/ml



#4 n-Dodecane (C12)

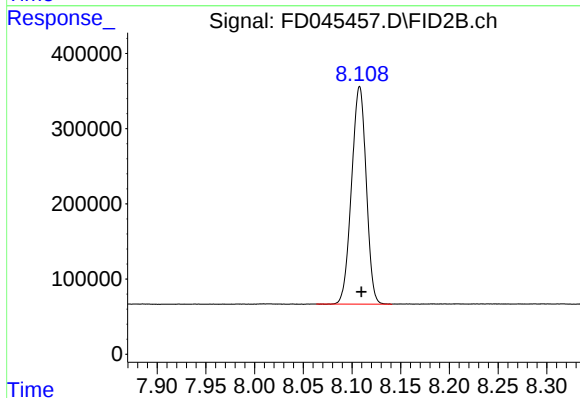
R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 3004612
Conc: 19.69 ug/ml



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

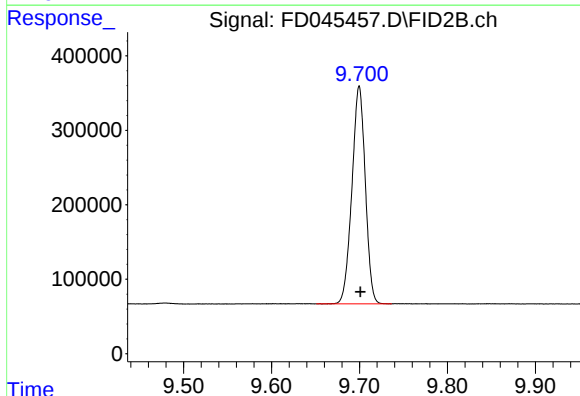
R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 3204372
Conc: 19.85 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



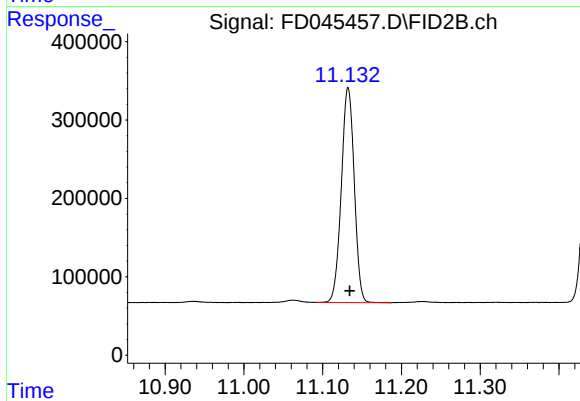
#6 n-Tetradecane (C14)

R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 3029666
Conc: 19.80 ug/ml



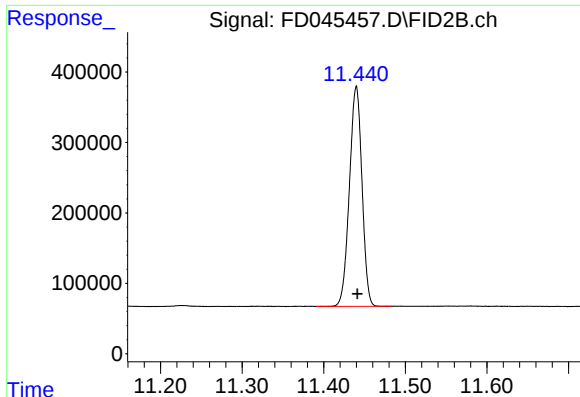
#7 n-Hexadecane (C16)

R.T.: 9.700 min
Delta R.T.: -0.001 min
Response: 3092653
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

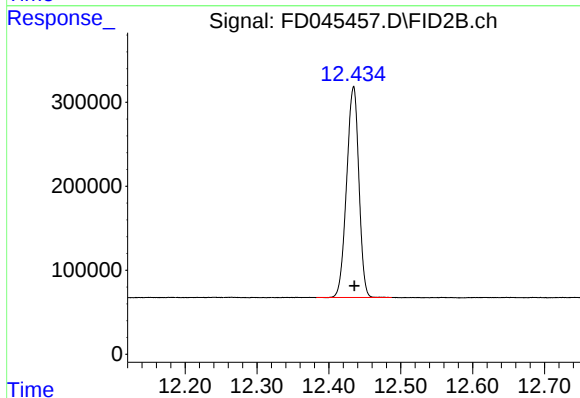
R.T.: 11.132 min
Delta R.T.: -0.002 min
Response: 3123840
Conc: 19.95 ug/ml



#9 ortho-Terphenyl (SURR)

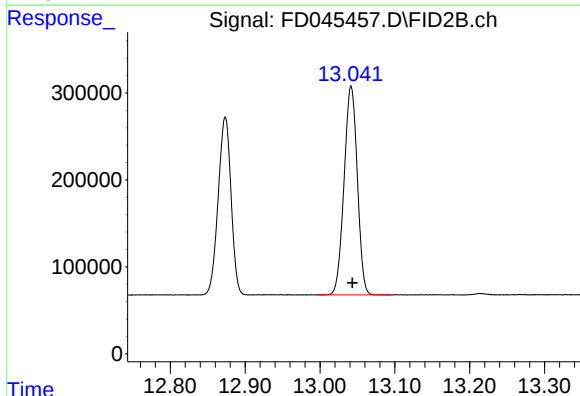
R.T.: 11.440 min
Delta R.T.: -0.002 min
Response: 3345970
Conc: 19.96 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



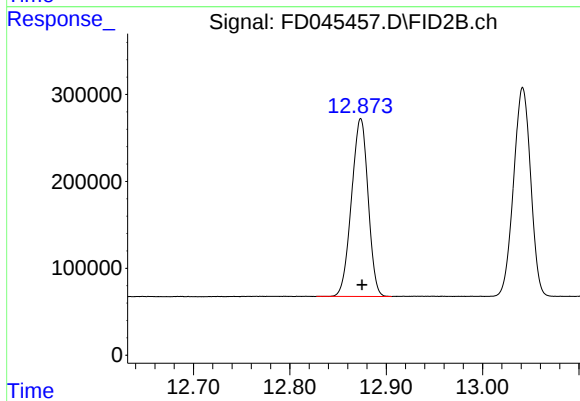
#10 n-Eicosane (C20)

R.T.: 12.434 min
Delta R.T.: 0.000 min
Response: 2971937
Conc: 20.04 ug/ml



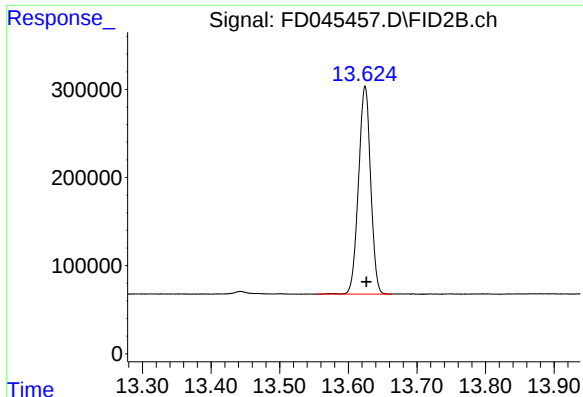
#11 n-Heneicosane (C21)

R.T.: 13.042 min
Delta R.T.: -0.002 min
Response: 2952896
Conc: 20.07 ug/ml



#12 1-chlorooctadecane (SURR)

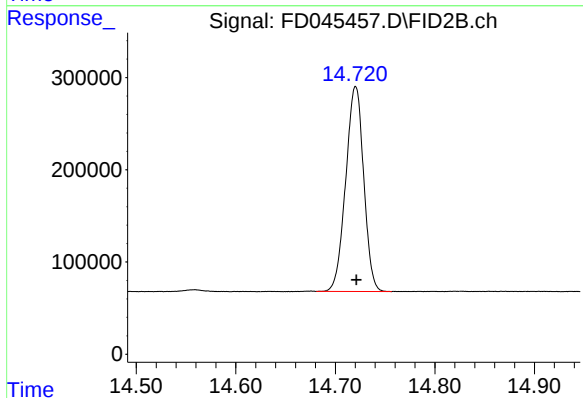
R.T.: 12.874 min
Delta R.T.: -0.001 min
Response: 2443950
Conc: 20.46 ug/ml



#13 n-Docosane (C22)

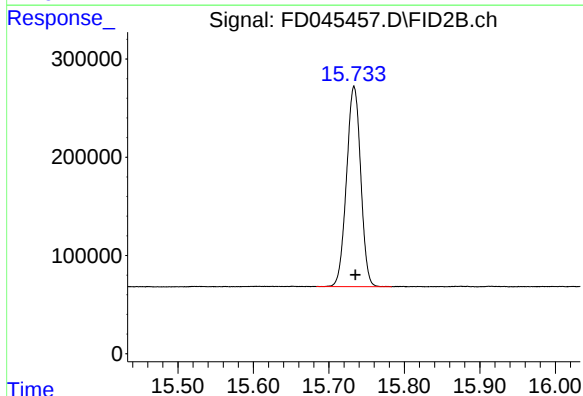
R.T.: 13.625 min
Delta R.T.: -0.002 min
Response: 2893645
Conc: 20.05 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



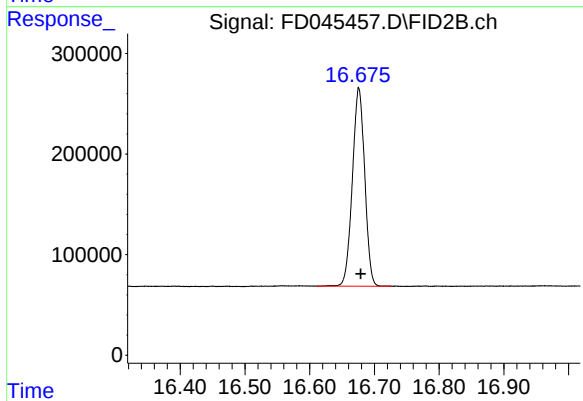
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: 0.000 min
Response: 2790877
Conc: 20.00 ug/ml



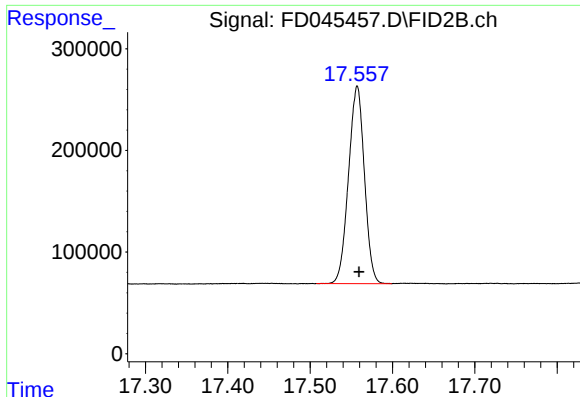
#15 n-Hexacosane (C26)

R.T.: 15.733 min
Delta R.T.: -0.002 min
Response: 2663111
Conc: 19.82 ug/ml



#16 n-Octacosane (C28)

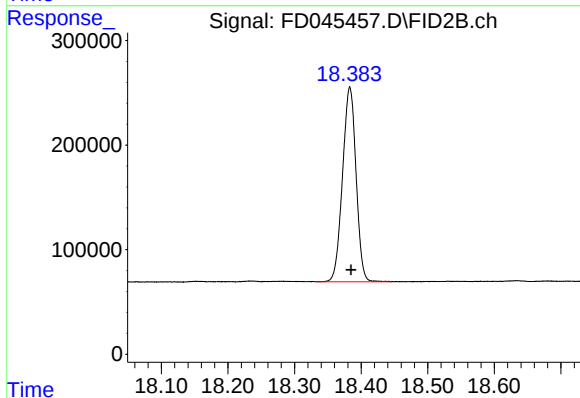
R.T.: 16.676 min
Delta R.T.: -0.003 min
Response: 2610983
Conc: 19.86 ug/ml



#17 n-Tricontane (C30)

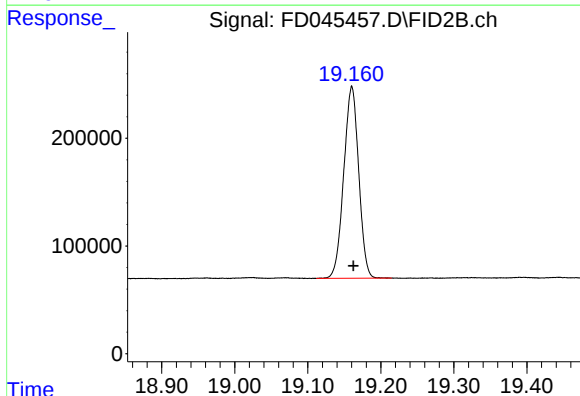
R.T.: 17.557 min
Delta R.T.: -0.002 min
Response: 2605120
Conc: 19.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



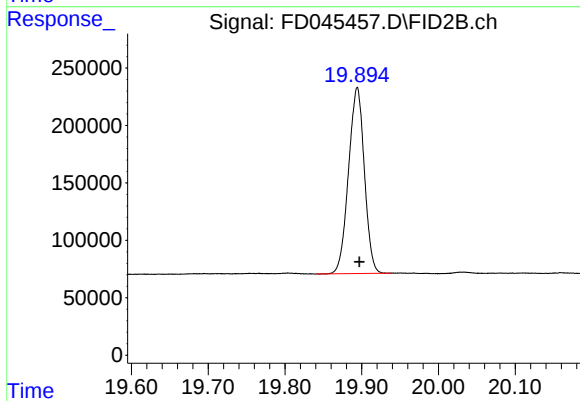
#18 n-Dotriacontane (C32)

R.T.: 18.383 min
Delta R.T.: -0.002 min
Response: 2626880
Conc: 20.19 ug/ml



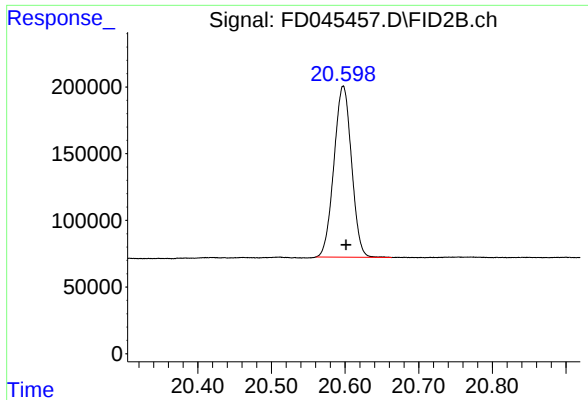
#19 n-Tetratriacontane (C34)

R.T.: 19.160 min
Delta R.T.: -0.002 min
Response: 2535098
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

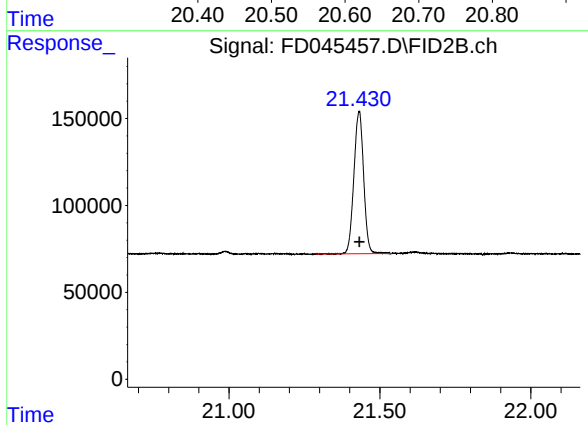
R.T.: 19.894 min
Delta R.T.: -0.003 min
Response: 2322507
Conc: 20.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.598 min
Delta R.T.: -0.004 min
Response: 2128374
Conc: 19.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.431 min
Delta R.T.: 0.000 min
Response: 1848340
Conc: 17.23 ug/ml