

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051624AL\
 Data File : FD047780.D
 Signal(s) : FID2B.ch
 Acq On : 17 May 2024 06:31
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 17 07:04:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:08:23 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)	11.350	4112892	18.848 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
12) S 1-chlorooctadecane (S...	12.789	3085215	18.933 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
Target Compounds			
1) T n-Nonane (C9)	3.186	3640347	18.906 ug/ml
2) T n-Decane (C10)	4.238	3713808	18.759 ug/ml
3) T A~Naphthalene (C11.7)	5.795	4121851	18.927 ug/ml
4) T n-Dodecane (C12)	6.239	3742668	18.845 ug/ml
5) T A~2-methylnaphthalene...	6.844	3965127	18.902 ug/ml
6) T n-Tetradecane (C14)	8.023	3701574	18.952 ug/ml
7) T n-Hexadecane (C16)	9.615	3808360	18.976 ug/ml
8) T n-Octadecane (C18)	11.049	3852789	18.971 ug/ml
10) T n-Eicosane (C20)	12.352	3699193	18.949 ug/ml
11) T n-Heneicosane (C21)	12.960	3637714	18.912 ug/ml
13) T n-Docosane (C22)	13.543	3596640	18.901 ug/ml
14) T n-Tetracosane (C24)	14.641	3527711	18.763 ug/ml
15) T n-Hexacosane (C26)	15.657	3402448	18.783 ug/ml
16) T n-Octacosane (C28)	16.602	3262676	18.721 ug/ml
17) T n-Tricontane (C30)	17.485	3253800	18.645 ug/ml
18) T n-Dotriacontane (C32)	18.314	3150870	18.506 ug/ml
19) T n-Tetratriacontane (C34)	19.092	3019638	18.724 ug/ml
20) T n-Hexatriacontane (C36)	19.828	2877403	18.823 ug/ml
21) T n-Octatriacontane (C38)	20.528	2799528	19.040 ug/ml
22) T n-Tetracontane (C40)	21.335	2691660	18.979 ug/ml

(f)=RT Delta > 1/2 Window

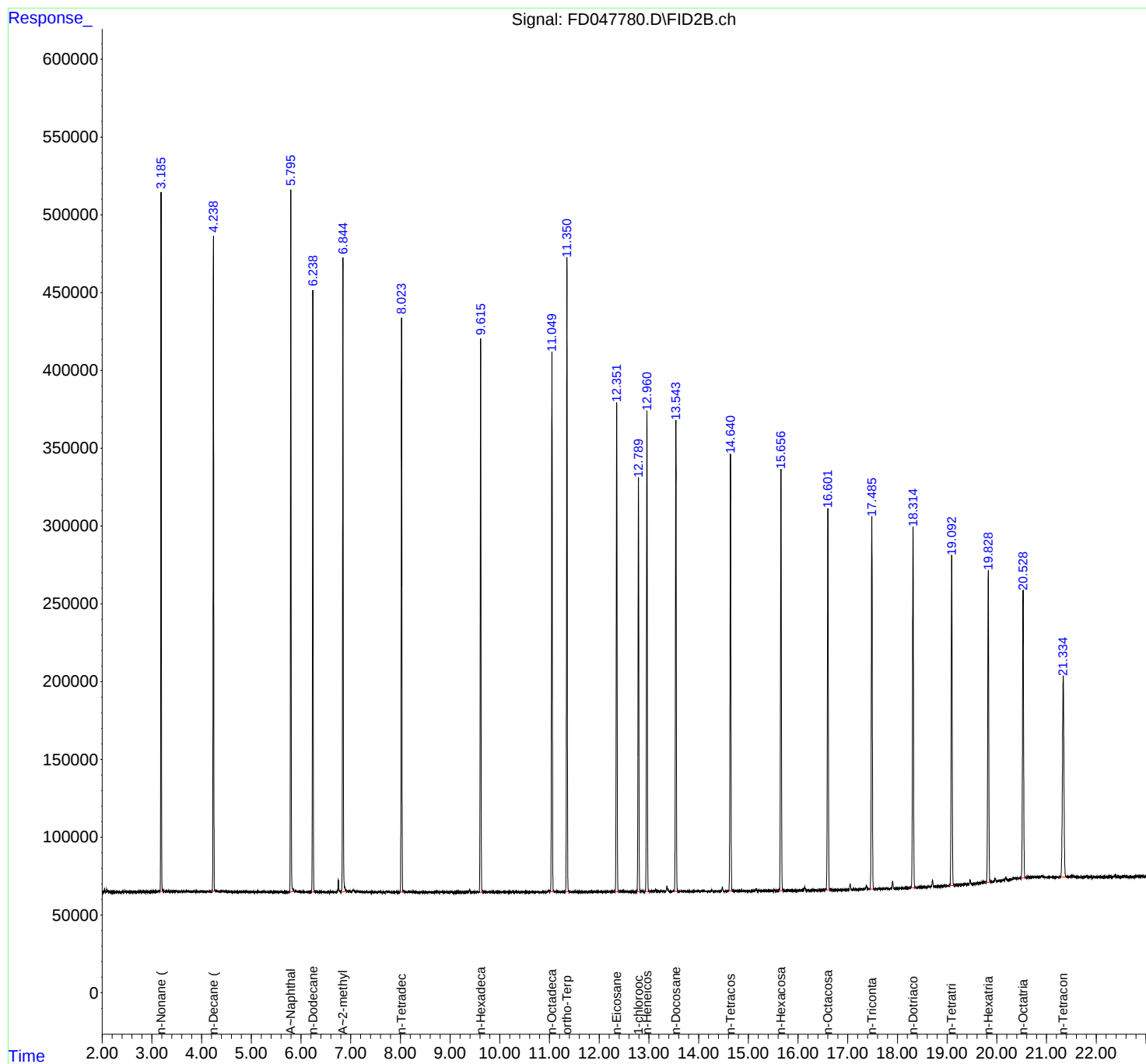
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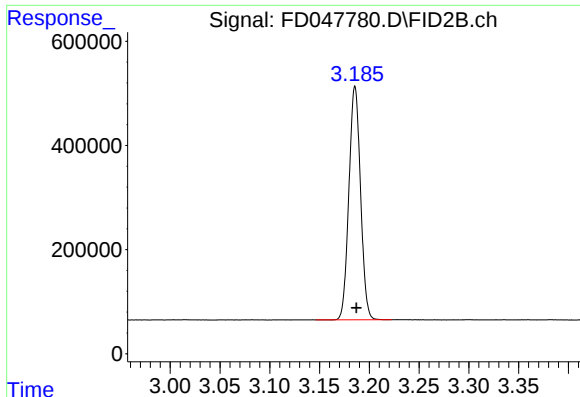
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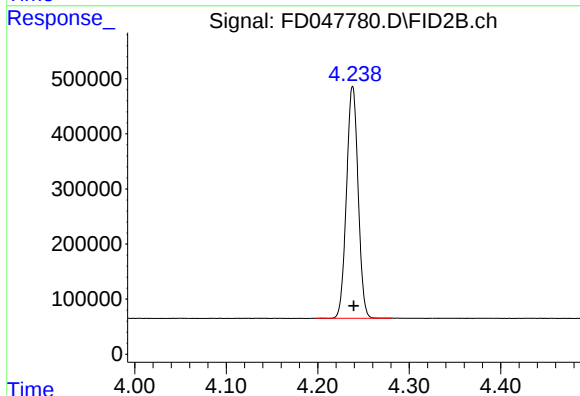




#1 n-Nonane (C9)

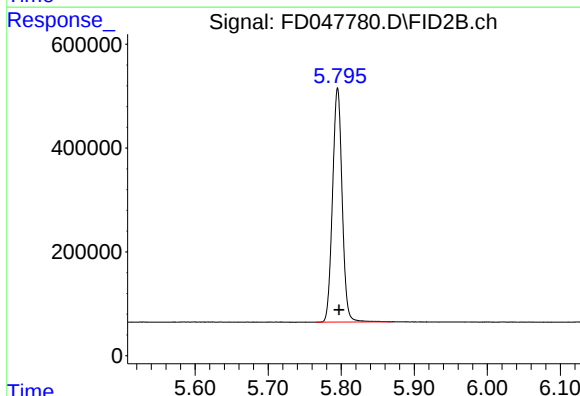
R.T.: 3.186 min
Delta R.T.: -0.001 min
Response: 3640347
Conc: 18.91 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



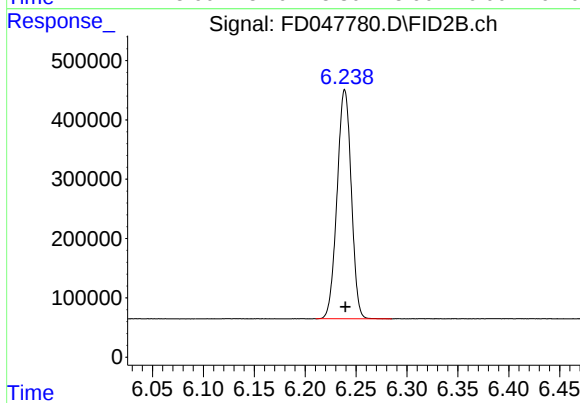
#2 n-Decane (C10)

R.T.: 4.238 min
Delta R.T.: -0.001 min
Response: 3713808
Conc: 18.76 ug/ml



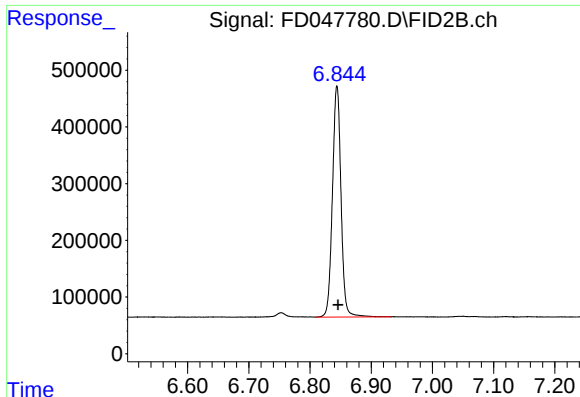
#3 A~Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 4121851
Conc: 18.93 ug/ml



#4 n-Dodecane (C12)

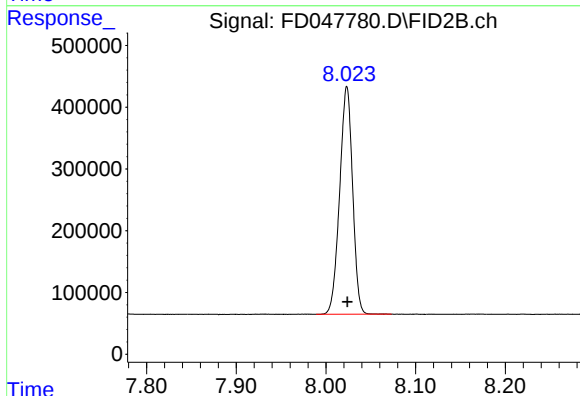
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 3742668
Conc: 18.84 ug/ml



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

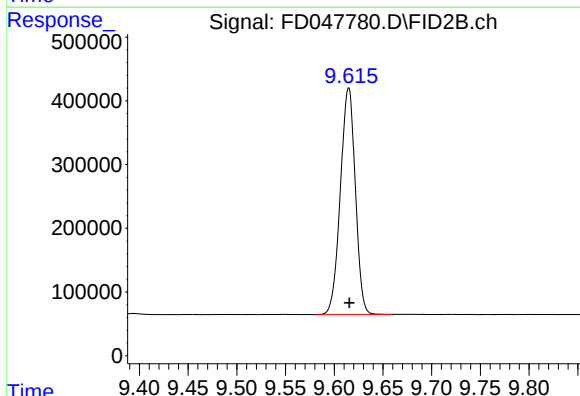
R.T.: 6.844 min
Delta R.T.: -0.002 min
Response: 3965127
Conc: 18.90 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



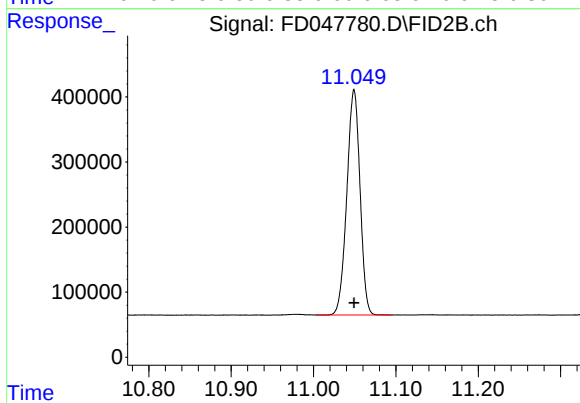
#6 n-Tetradecane (C14)

R.T.: 8.023 min
Delta R.T.: 0.000 min
Response: 3701574
Conc: 18.95 ug/ml



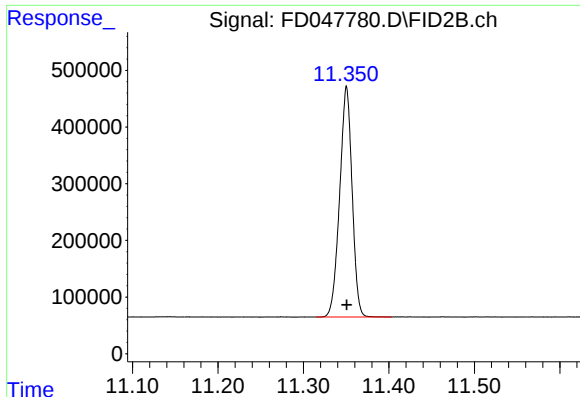
#7 n-Hexadecane (C16)

R.T.: 9.615 min
Delta R.T.: 0.000 min
Response: 3808360
Conc: 18.98 ug/ml



#8 n-Octadecane (C18)

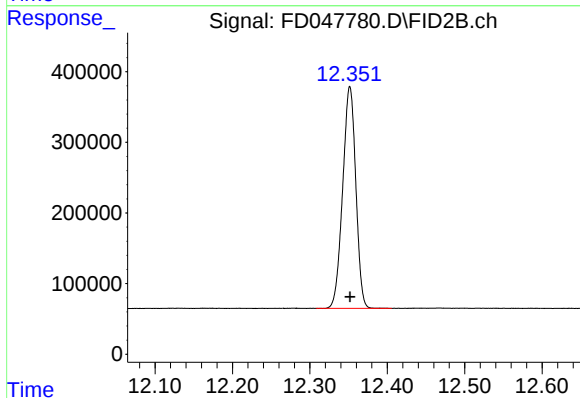
R.T.: 11.049 min
Delta R.T.: 0.000 min
Response: 3852789
Conc: 18.97 ug/ml



#9 ortho-Terphenyl (SURR)

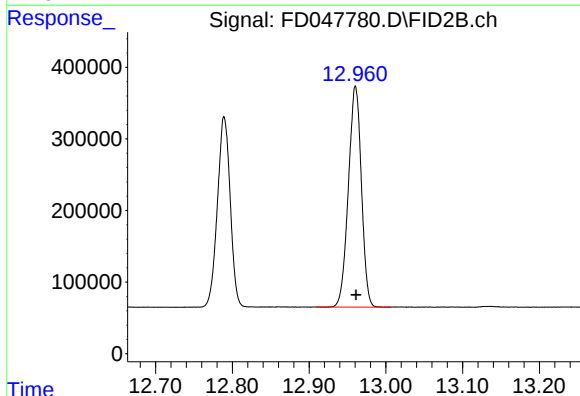
R.T.: 11.350 min
Delta R.T.: 0.000 min
Response: 4112892
Conc: 18.85 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



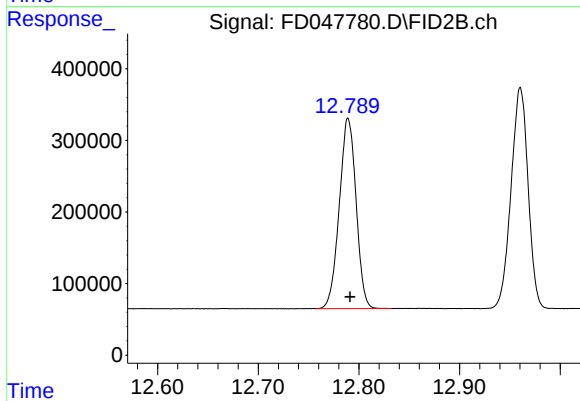
#10 n-Eicosane (C20)

R.T.: 12.352 min
Delta R.T.: 0.000 min
Response: 3699193
Conc: 18.95 ug/ml



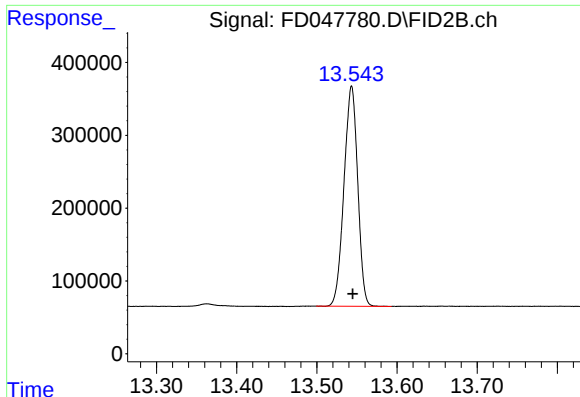
#11 n-Heneicosane (C21)

R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 3637714
Conc: 18.91 ug/ml



#12 1-chlorooctadecane (SURR)

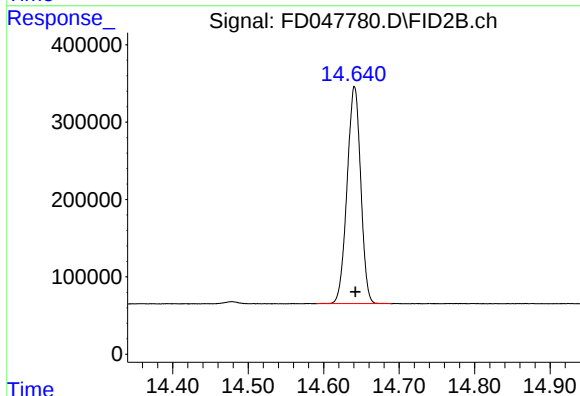
R.T.: 12.789 min
Delta R.T.: -0.002 min
Response: 3085215
Conc: 18.93 ug/ml



#13 n-Docosane (C22)

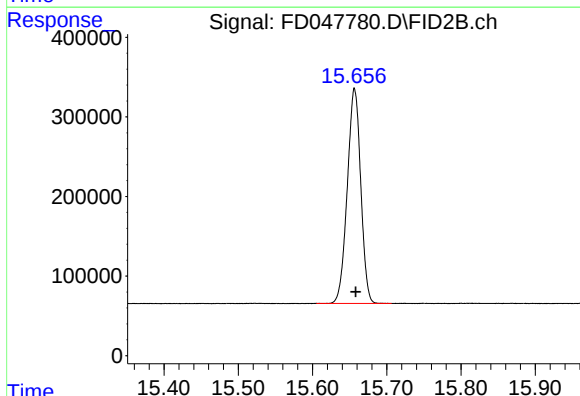
R.T.: 13.543 min
Delta R.T.: -0.001 min
Response: 3596640
Conc: 18.90 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



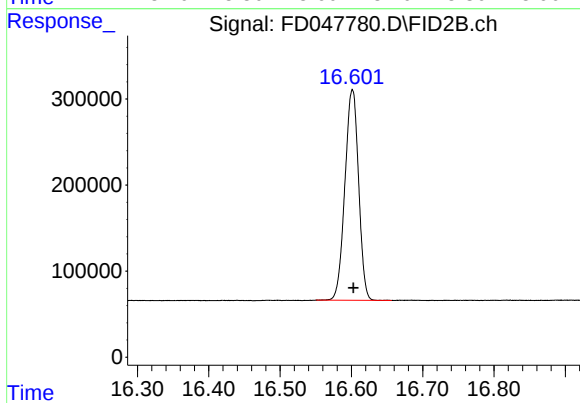
#14 n-Tetracosane (C24)

R.T.: 14.641 min
Delta R.T.: -0.001 min
Response: 3527711
Conc: 18.76 ug/ml



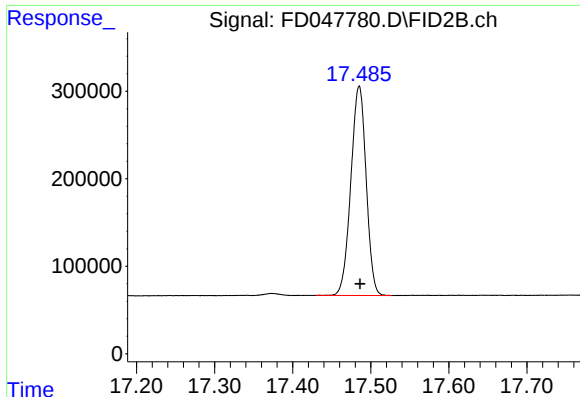
#15 n-Hexacosane (C26)

R.T.: 15.657 min
Delta R.T.: -0.002 min
Response: 3402448
Conc: 18.78 ug/ml



#16 n-Octacosane (C28)

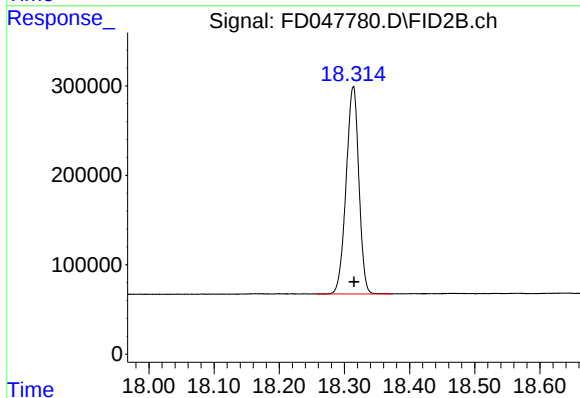
R.T.: 16.602 min
Delta R.T.: -0.002 min
Response: 3262676
Conc: 18.72 ug/ml



#17 n-Tricontane (C30)

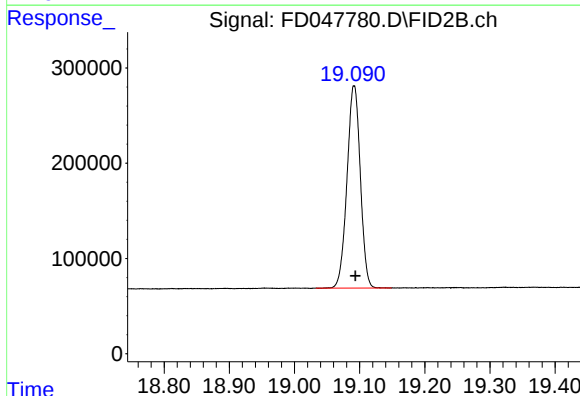
R.T.: 17.485 min
Delta R.T.: 0.000 min
Response: 3253800
Conc: 18.65 ug/ml

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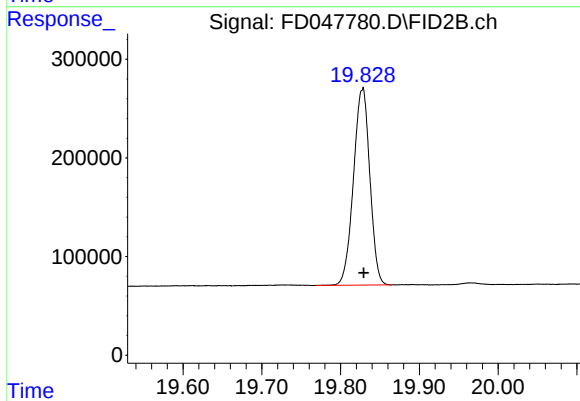
#18 n-Dotriacontane (C32)

R.T.: 18.314 min
Delta R.T.: 0.000 min
Response: 3150870
Conc: 18.51 ug/ml



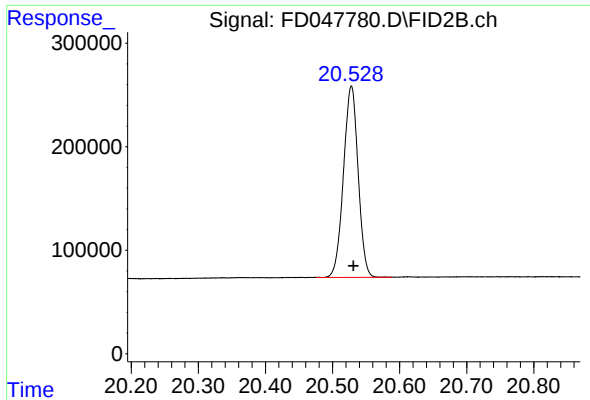
#19 n-Tetratriacontane (C34)

R.T.: 19.092 min
Delta R.T.: -0.002 min
Response: 3019638
Conc: 18.72 ug/ml



#20 n-Hexatriacontane (C36)

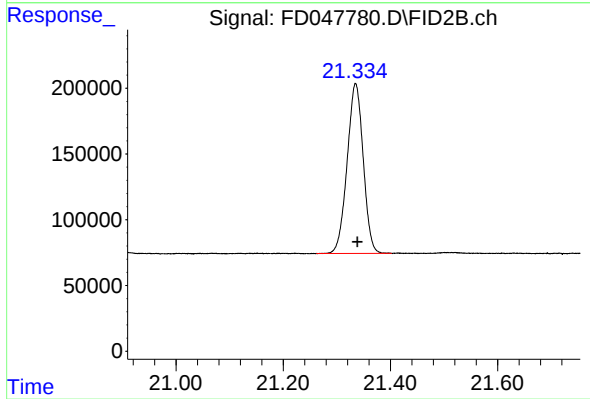
R.T.: 19.828 min
Delta R.T.: -0.001 min
Response: 2877403
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.528 min
Delta R.T.: -0.003 min
Response: 2799528
Conc: 19.04 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.335 min
Delta R.T.: -0.004 min
Response: 2691660
Conc: 18.98 ug/ml