

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090722AL\
 Data File : FD043815.D
 Signal(s) : FID2B.ch
 Acq On : 07 Sep 2022 20:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 08 05:14:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 17:10:44 2022
 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)	11.323	3430259	20.057 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	12.740	2688811	20.208 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
Target Compounds			
1) T n-Nonane (C9)	3.154	2942138	20.430 ug/ml
2) T n-Decane (C10)	4.204	2958681	20.404 ug/ml
3) T A~Naphthalene (C11.7)	5.779	2842001	20.088 ug/ml
4) T n-Dodecane (C12)	6.201	3029585	20.252 ug/ml
5) T A~2-methylnaphthalene...	6.825	2785629	20.184 ug/ml
6) T n-Tetradecane (C14)	7.982	3053465	20.232 ug/ml
7) T n-Hexadecane (C16)	9.570	3091292	20.211 ug/ml
8) T n-Octadecane (C18)	11.000	3165278	20.076 ug/ml
10) T n-Eicosane (C20)	12.298	3207259	20.044 ug/ml
11) T n-Heneicosane (C21)	12.905	3234252	20.048 ug/ml
13) T n-Docosane (C22)	13.486	3235817	20.124 ug/ml
14) T n-Tetracosane (C24)	14.578	3214450	20.283 ug/ml
15) T n-Hexacosane (C26)	15.588	3175440	20.389 ug/ml
16) T n-Octacosane (C28)	16.529	3087016	20.388 ug/ml
17) T n-Tricontane (C30)	17.407	3033065	20.356 ug/ml
18) T n-Dotriacontane (C32)	18.230	2901925	20.329 ug/ml
19) T n-Tetratriacontane (C34)	19.005	2658337	20.339 ug/ml
20) T n-Hexatriacontane (C36)	19.736	2533740	20.472 ug/ml
21) T n-Octatriacontane (C38)	20.426	2399033	20.535 ug/ml
22) T n-Tetracontane (C40)	21.190	2272692	20.563 ug/ml

(f)=RT Delta > 1/2 Window

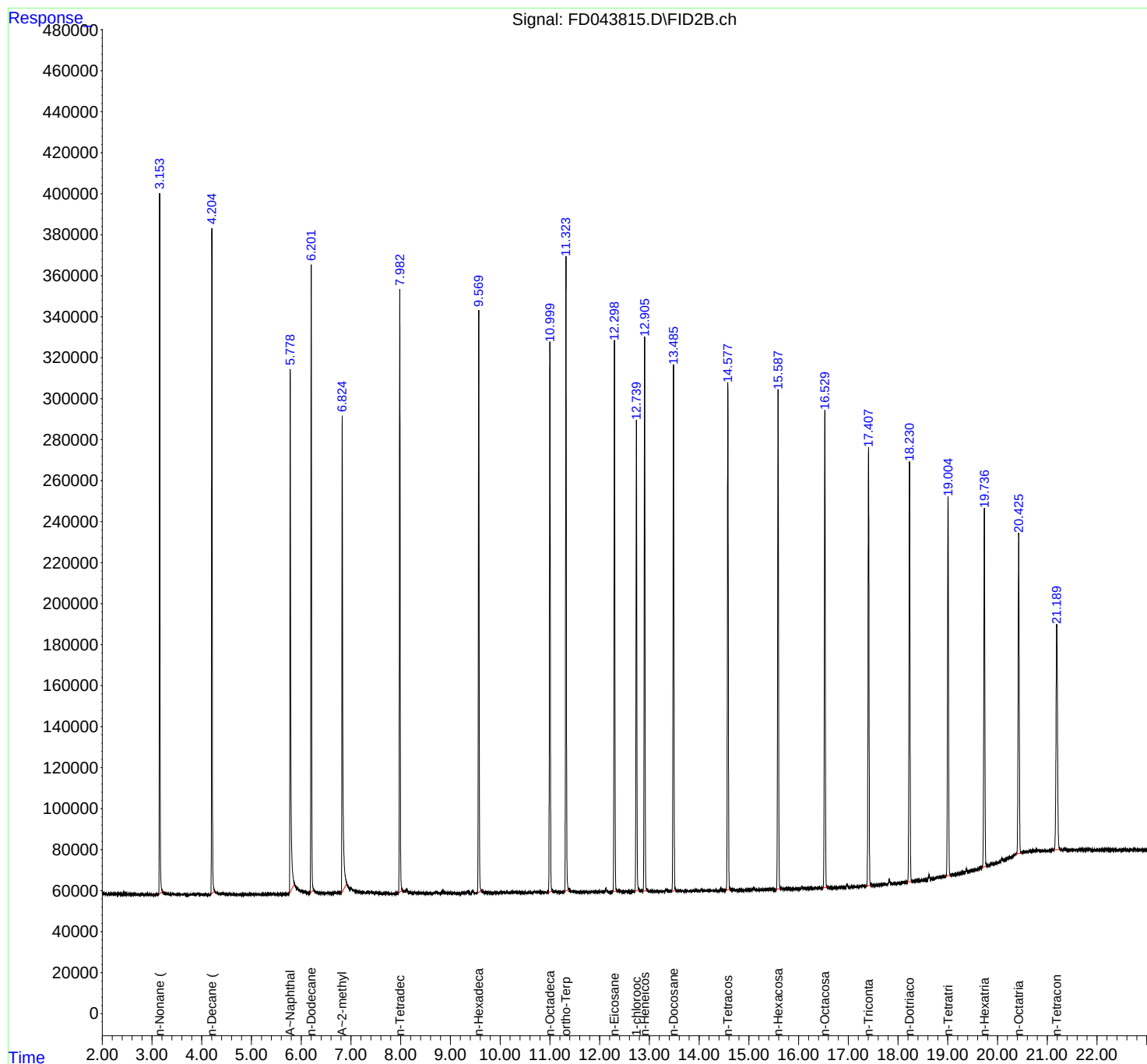
(m)=manual int.

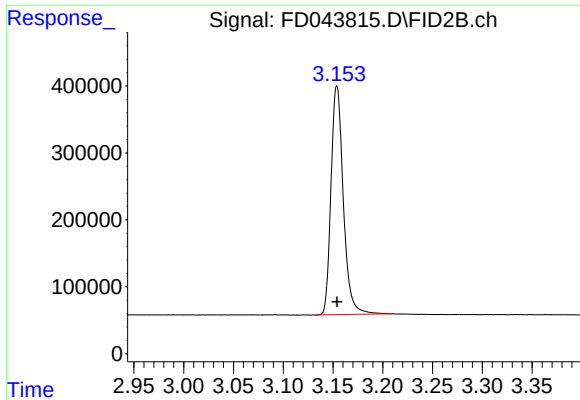
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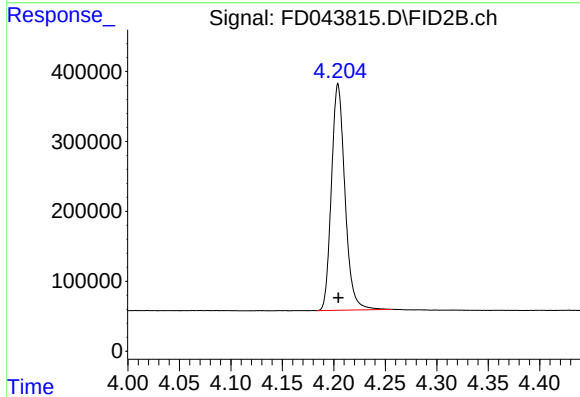




#1 n-Nonane (C9)

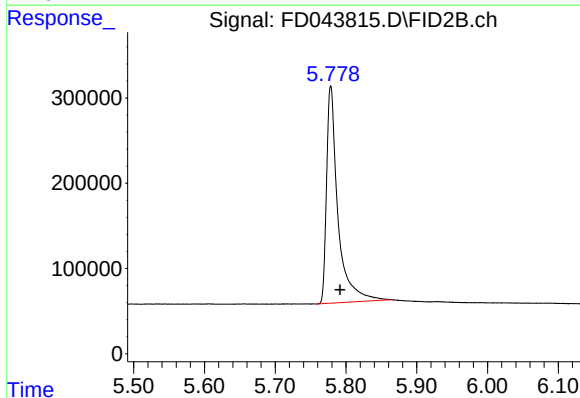
R.T.: 3.154 min
Delta R.T.: 0.000 min
Response: 2942138
Conc: 20.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



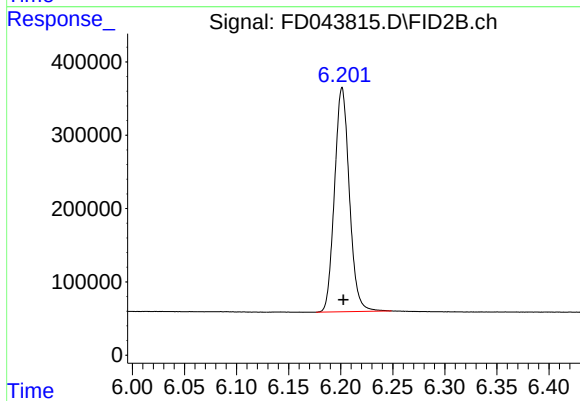
#2 n-Decane (C10)

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 2958681
Conc: 20.40 ug/ml



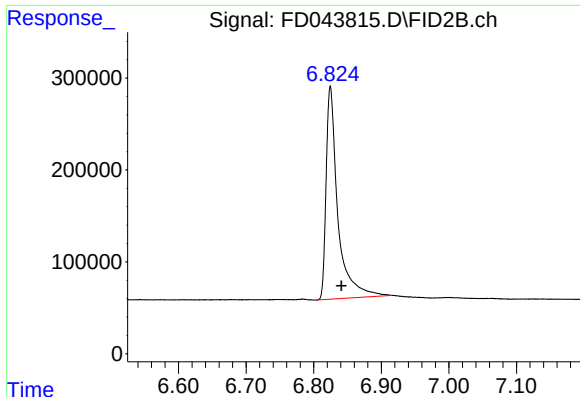
#3 A~Naphthalene (C11.7)

R.T.: 5.779 min
Delta R.T.: -0.013 min
Response: 2842001
Conc: 20.09 ug/ml



#4 n-Dodecane (C12)

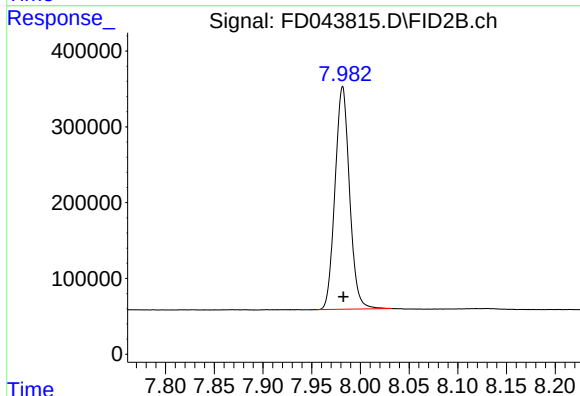
R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 3029585
Conc: 20.25 ug/ml



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

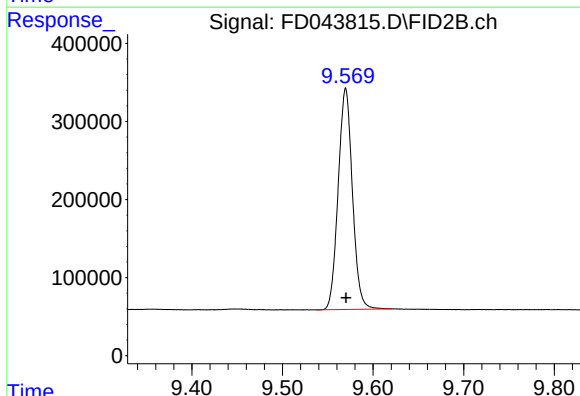
R.T.: 6.825 min
Delta R.T.: -0.017 min
Response: 2785629
Conc: 20.18 ug/ml

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20 PPM ALIPHATIC HC STD



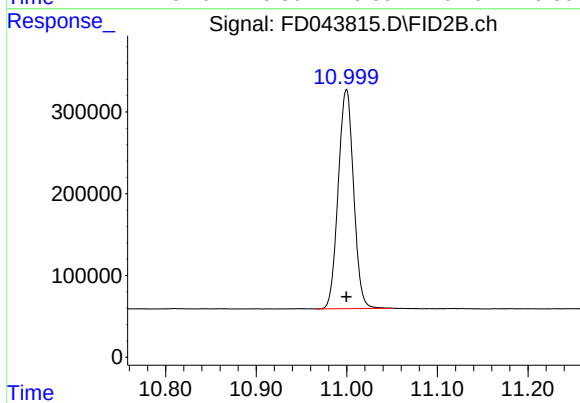
#6 n-Tetradecane (C14)

R.T.: 7.982 min
Delta R.T.: 0.000 min
Response: 3053465
Conc: 20.23 ug/ml



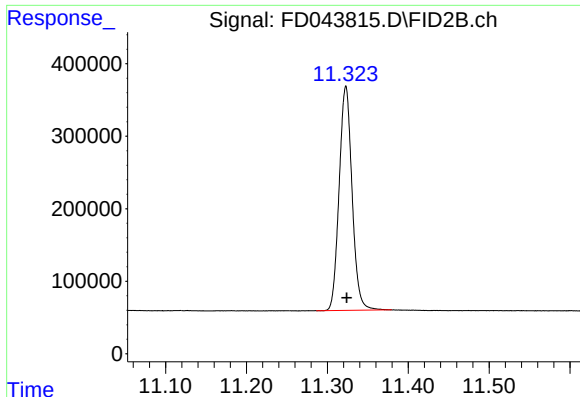
#7 n-Hexadecane (C16)

R.T.: 9.570 min
Delta R.T.: 0.000 min
Response: 3091292
Conc: 20.21 ug/ml



#8 n-Octadecane (C18)

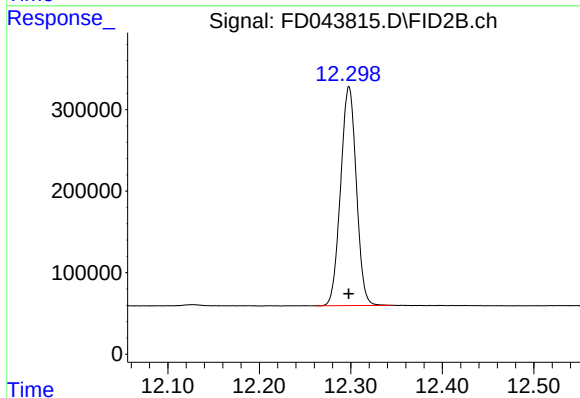
R.T.: 11.000 min
Delta R.T.: 0.000 min
Response: 3165278
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

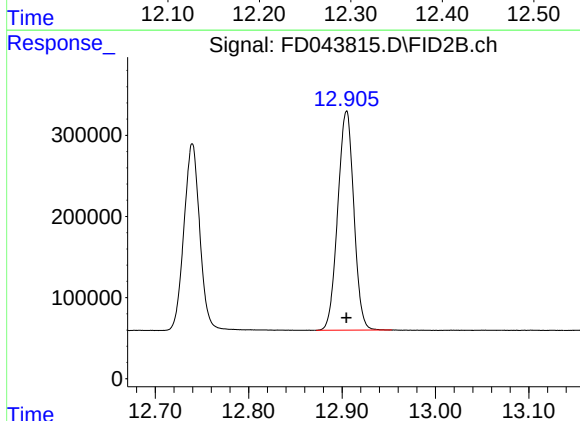
R.T.: 11.323 min
Delta R.T.: -0.001 min
Response: 3430259
Conc: 20.06 ug/ml

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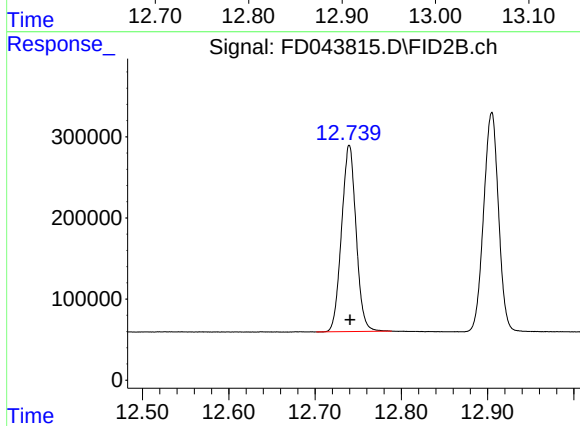
#10 n-Eicosane (C20)

R.T.: 12.298 min
Delta R.T.: 0.000 min
Response: 3207259
Conc: 20.04 ug/ml



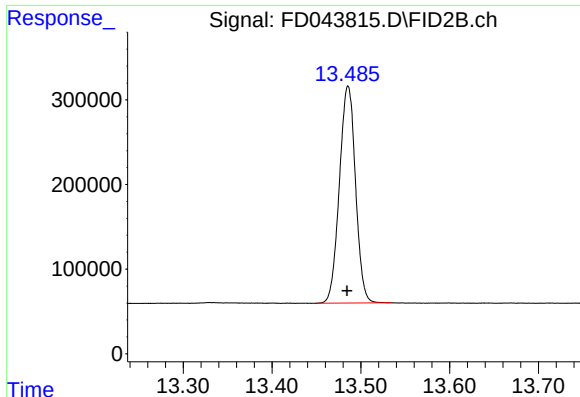
#11 n-Heneicosane (C21)

R.T.: 12.905 min
Delta R.T.: 0.000 min
Response: 3234252
Conc: 20.05 ug/ml



#12 1-chlorooctadecane (SURR)

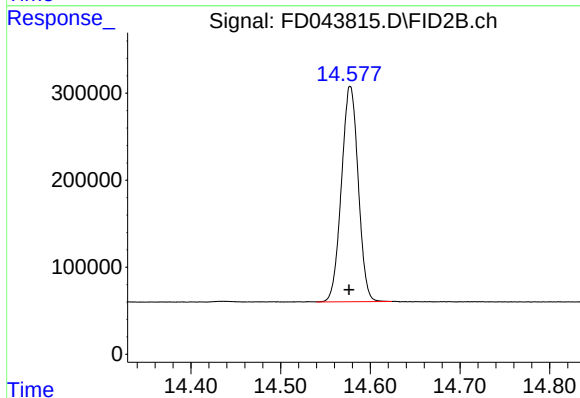
R.T.: 12.740 min
Delta R.T.: 0.000 min
Response: 2688811
Conc: 20.21 ug/ml



#13 n-Docosane (C22)

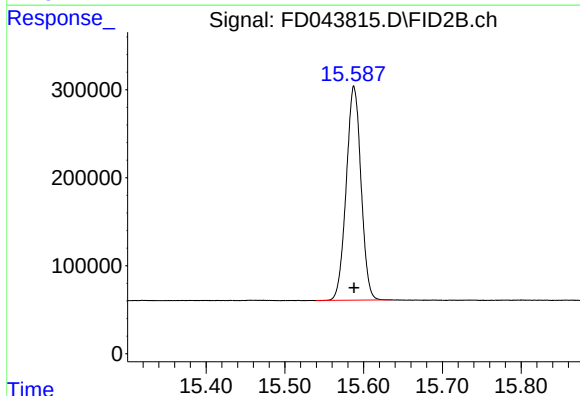
R.T.: 13.486 min
Delta R.T.: 0.001 min
Response: 3235817
Conc: 20.12 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



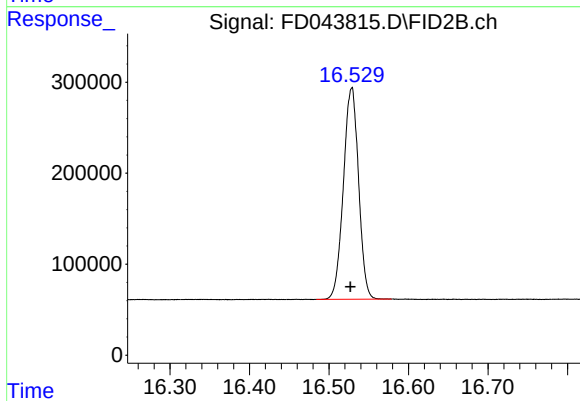
#14 n-Tetracosane (C24)

R.T.: 14.578 min
Delta R.T.: 0.001 min
Response: 3214450
Conc: 20.28 ug/ml



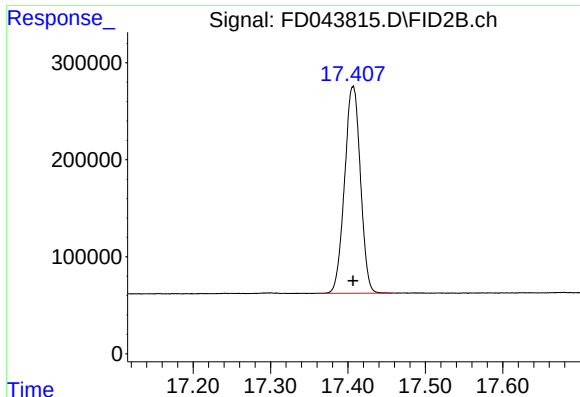
#15 n-Hexacosane (C26)

R.T.: 15.588 min
Delta R.T.: 0.000 min
Response: 3175440
Conc: 20.39 ug/ml



#16 n-Octacosane (C28)

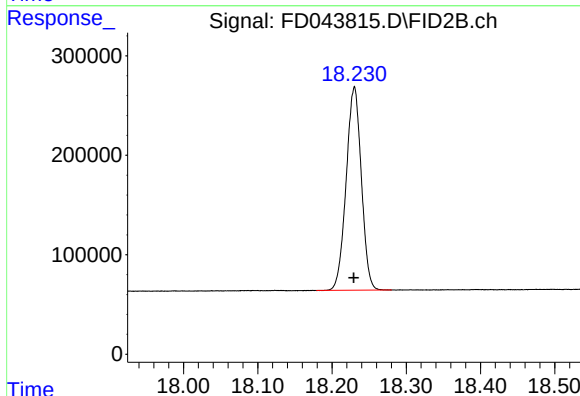
R.T.: 16.529 min
Delta R.T.: 0.002 min
Response: 3087016
Conc: 20.39 ug/ml



#17 n-Tricontane (C30)

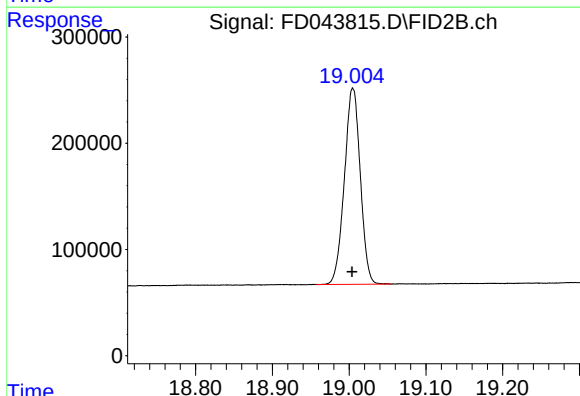
R.T.: 17.407 min
Delta R.T.: 0.000 min
Response: 3033065
Conc: 20.36 ug/ml

Instrument :
FID_D
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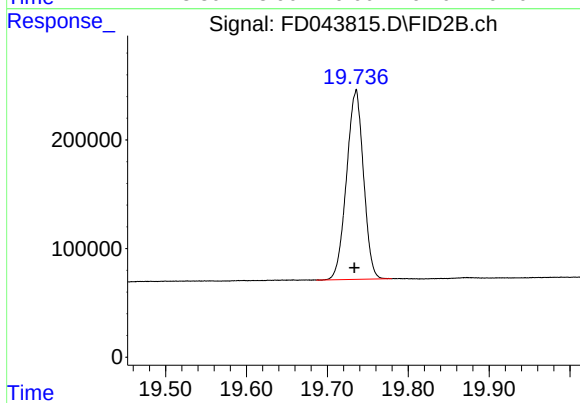
#18 n-Dotriacontane (C32)

R.T.: 18.230 min
Delta R.T.: 0.000 min
Response: 2901925
Conc: 20.33 ug/ml



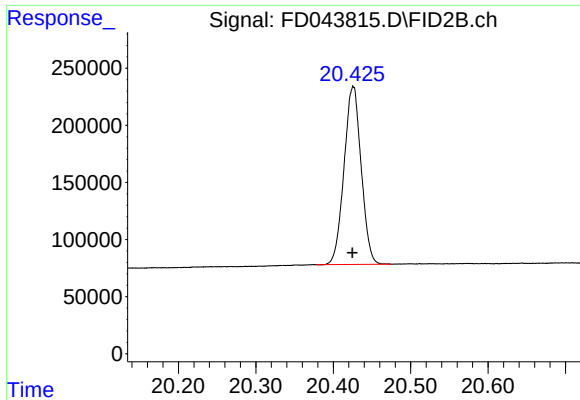
#19 n-Tetratriacontane (C34)

R.T.: 19.005 min
Delta R.T.: 0.001 min
Response: 2658337
Conc: 20.34 ug/ml



#20 n-Hexatriacontane (C36)

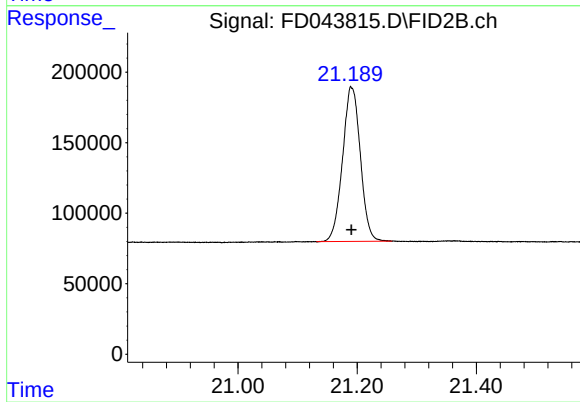
R.T.: 19.736 min
Delta R.T.: 0.002 min
Response: 2533740
Conc: 20.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.426 min
Delta R.T.: 0.001 min
Response: 2399033
Conc: 20.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.190 min
Delta R.T.: 0.000 min
Response: 2272692
Conc: 20.56 ug/ml