

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050622AL\
 Data File : FD042339.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2022 10:59
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 06 15:32:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.206	3275060	19.528 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
12) S 1-chlorooctadecane (S...	12.645	2549500	19.320 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
Target Compounds			
1) T n-Nonane (C9)	3.082	2922041	21.438 ug/ml
2) T n-Decane (C10)	4.125	2913321	21.739 ug/ml
3) T A~Naphthalene (C11.7)	5.675	3044777	21.005 ug/ml
4) T n-Dodecane (C12)	6.118	3011356	21.152 ug/ml
5) T A~2-methylnaphthalene...	6.721	3007441	21.581 ug/ml
6) T n-Tetradecane (C14)	7.894	3003887	21.088 ug/ml
7) T n-Hexadecane (C16)	9.480	3008653	20.704 ug/ml
8) T n-Octadecane (C18)	10.908	3024789	20.182 ug/ml
10) T n-Eicosane (C20)	12.208	2983910	19.495 ug/ml
11) T n-Heneicosane (C21)	12.815	2968450	19.255 ug/ml
13) T n-Docosane (C22)	13.397	2973051	19.287 ug/ml
14) T n-Tetracosane (C24)	14.493	2955369	19.110 ug/ml
15) T n-Hexacosane (C26)	15.506	2882474	18.740 ug/ml
16) T n-Octacosane (C28)	16.450	2839746	18.574 ug/ml
17) T n-Tricontane (C30)	17.332	2767192	18.448 ug/ml
18) T n-Dotriacontane (C32)	18.159	2612359	18.475 ug/ml
19) T n-Tetratriacontane (C34)	18.937	2420857	18.811 ug/ml
20) T n-Hexatriacontane (C36)	19.673	2231393	19.719 ug/ml
21) T n-Octatriacontane (C38)	20.371	2197350	22.023 ug/ml
22) T n-Tetracontane (C40)	21.142	2233019	24.757 ug/ml

(f)=RT Delta > 1/2 Window

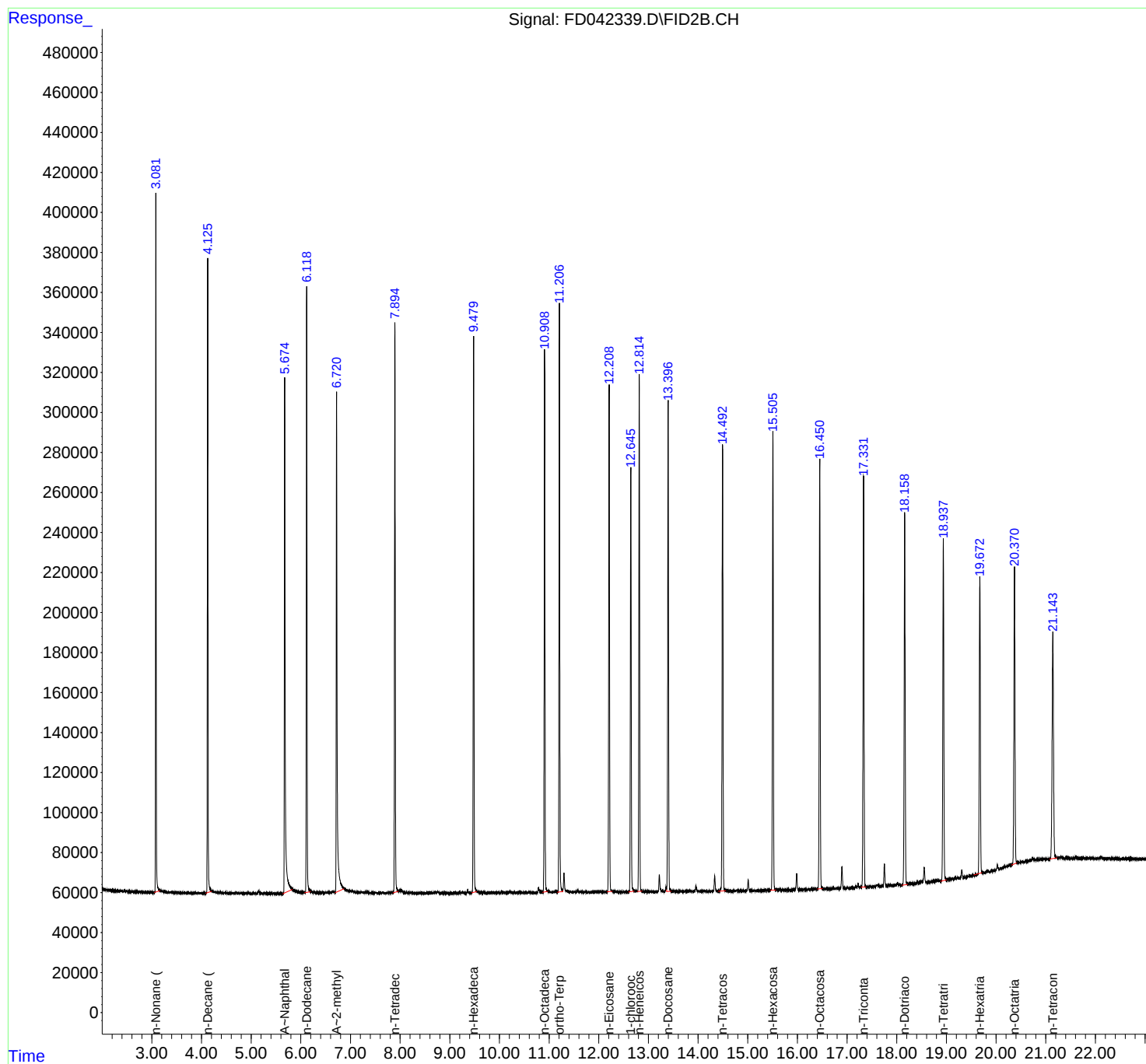
(m)=manual int.

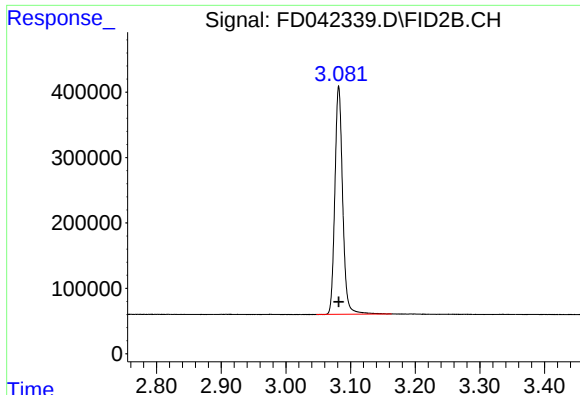
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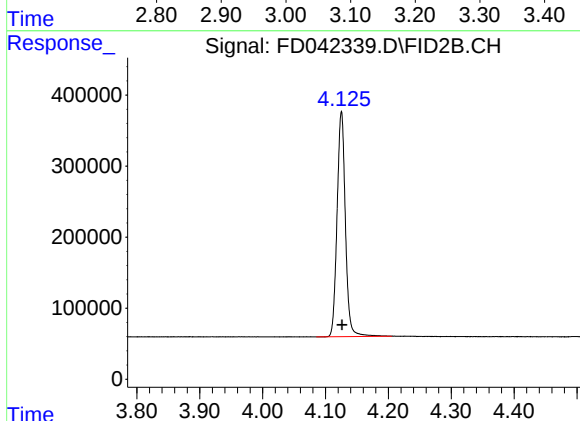




#1 n-Nonane (C9)

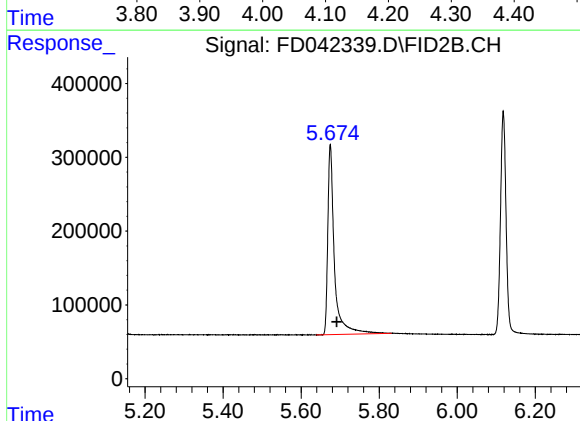
R.T.: 3.082 min
Delta R.T.: 0.000 min
Response: 2922041
Conc: 21.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



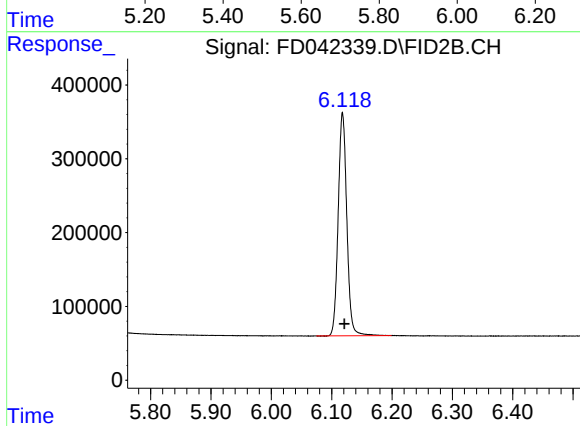
#2 n-Decane (C10)

R.T.: 4.125 min
Delta R.T.: -0.001 min
Response: 2913321
Conc: 21.74 ug/ml



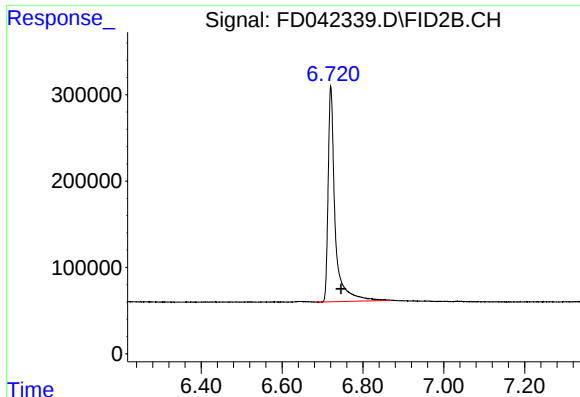
#3 A~Naphthalene (C11.7)

R.T.: 5.675 min
Delta R.T.: -0.016 min
Response: 3044777
Conc: 21.01 ug/ml



#4 n-Dodecane (C12)

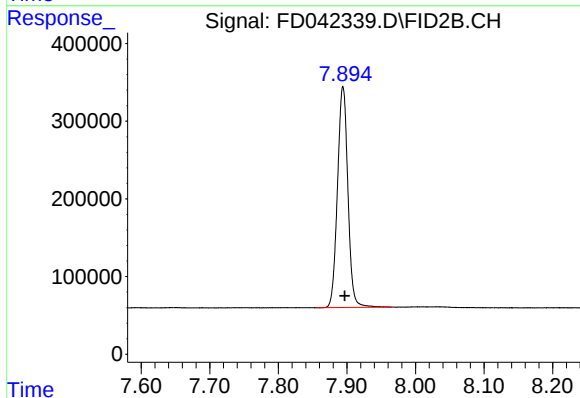
R.T.: 6.118 min
Delta R.T.: -0.003 min
Response: 3011356
Conc: 21.15 ug/ml



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

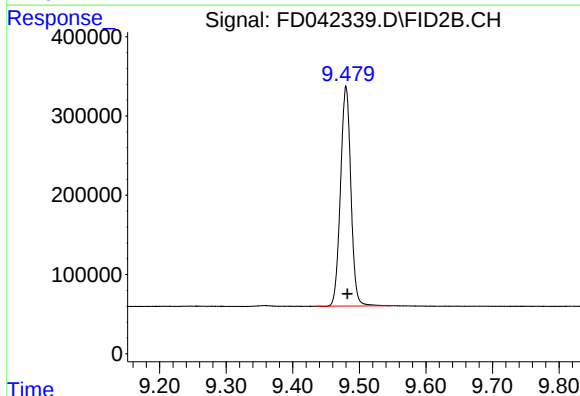
R.T.: 6.721 min
Delta R.T.: -0.026 min
Response: 3007441
Conc: 21.58 ug/ml

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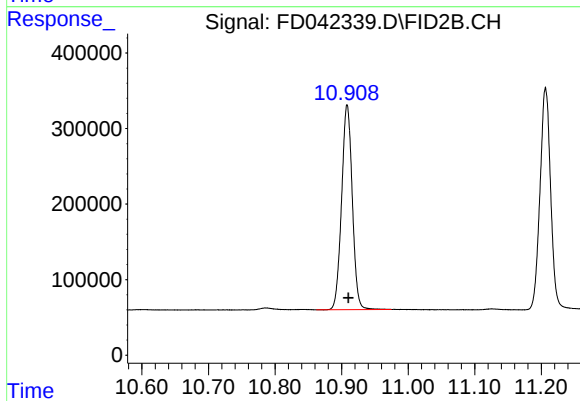
#6 n-Tetradecane (C14)

R.T.: 7.894 min
Delta R.T.: -0.003 min
Response: 3003887
Conc: 21.09 ug/ml



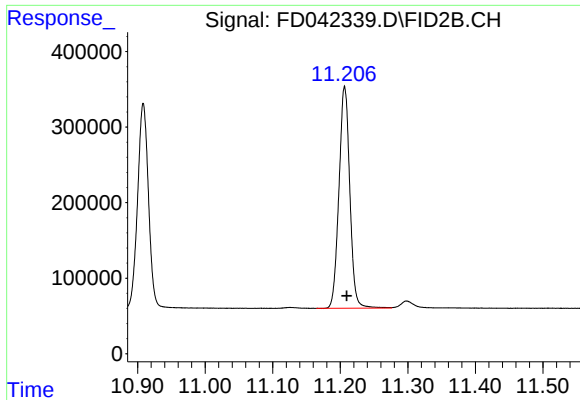
#7 n-Hexadecane (C16)

R.T.: 9.480 min
Delta R.T.: -0.002 min
Response: 3008653
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

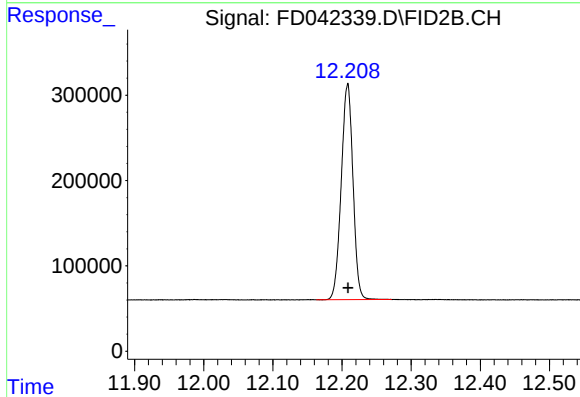
R.T.: 10.908 min
Delta R.T.: -0.002 min
Response: 3024789
Conc: 20.18 ug/ml



#9 ortho-Terphenyl (SURR)

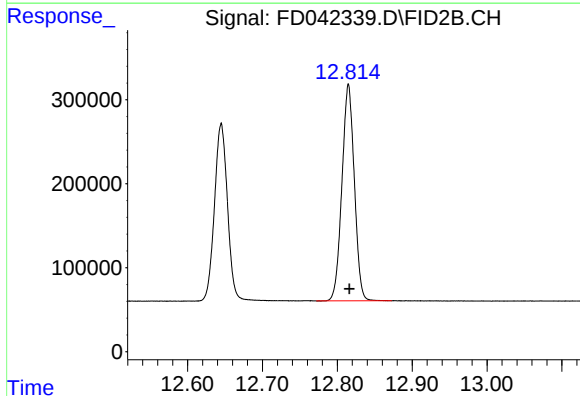
R.T.: 11.206 min
Delta R.T.: -0.003 min
Response: 3275060
Conc: 19.53 ug/ml

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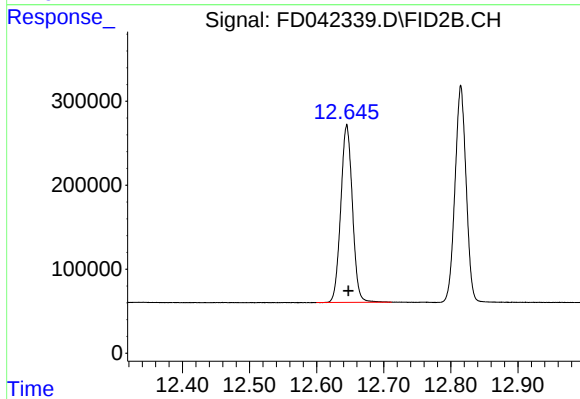
#10 n-Eicosane (C20)

R.T.: 12.208 min
Delta R.T.: 0.000 min
Response: 2983910
Conc: 19.49 ug/ml



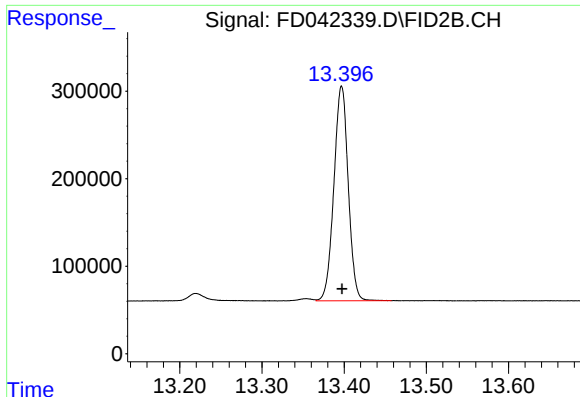
#11 n-Heneicosane (C21)

R.T.: 12.815 min
Delta R.T.: -0.001 min
Response: 2968450
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

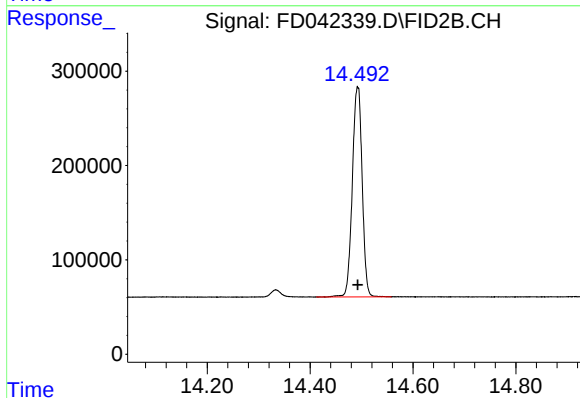
R.T.: 12.645 min
Delta R.T.: -0.003 min
Response: 2549500
Conc: 19.32 ug/ml



#13 n-Docosane (C22)

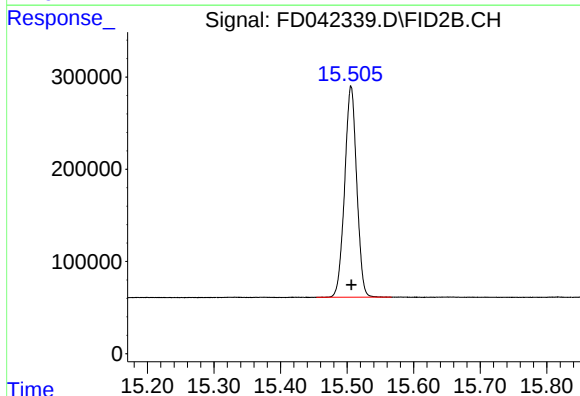
R.T.: 13.397 min
Delta R.T.: 0.000 min
Response: 2973051
Conc: 19.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



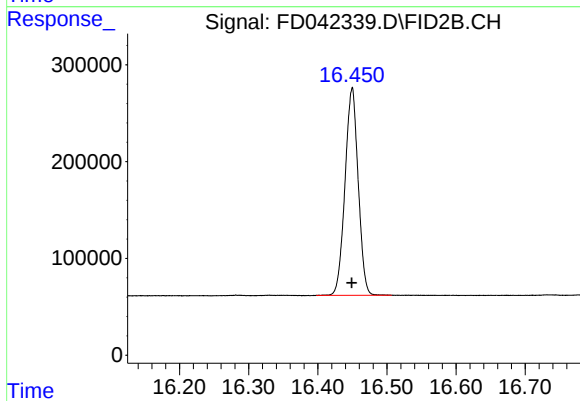
#14 n-Tetracosane (C24)

R.T.: 14.493 min
Delta R.T.: 0.000 min
Response: 2955369
Conc: 19.11 ug/ml



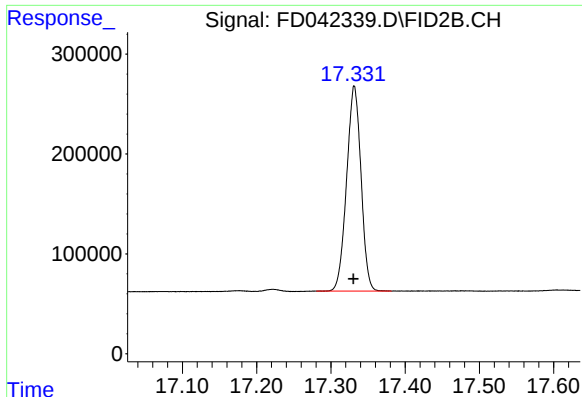
#15 n-Hexacosane (C26)

R.T.: 15.506 min
Delta R.T.: 0.000 min
Response: 2882474
Conc: 18.74 ug/ml



#16 n-Octacosane (C28)

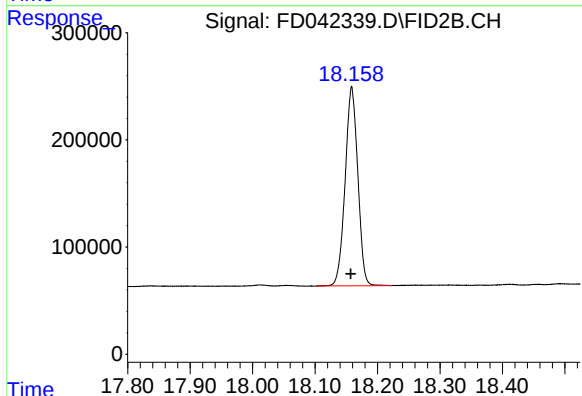
R.T.: 16.450 min
Delta R.T.: 0.000 min
Response: 2839746
Conc: 18.57 ug/ml



#17 n-Tricontane (C30)

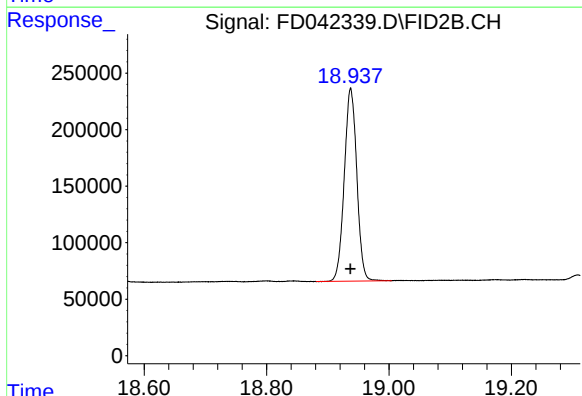
R.T.: 17.332 min
Delta R.T.: 0.000 min
Response: 2767192
Conc: 18.45 ug/ml

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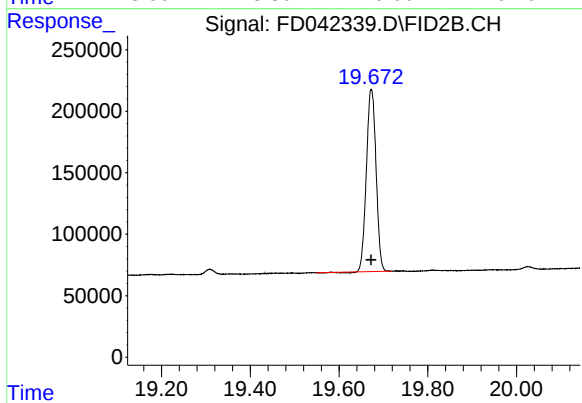
#18 n-Dotriacontane (C32)

R.T.: 18.159 min
Delta R.T.: 0.001 min
Response: 2612359
Conc: 18.48 ug/ml



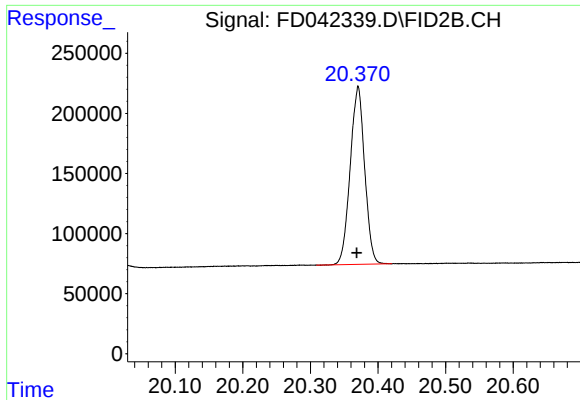
#19 n-Tetratriacontane (C34)

R.T.: 18.937 min
Delta R.T.: 0.000 min
Response: 2420857
Conc: 18.81 ug/ml



#20 n-Hexatriacontane (C36)

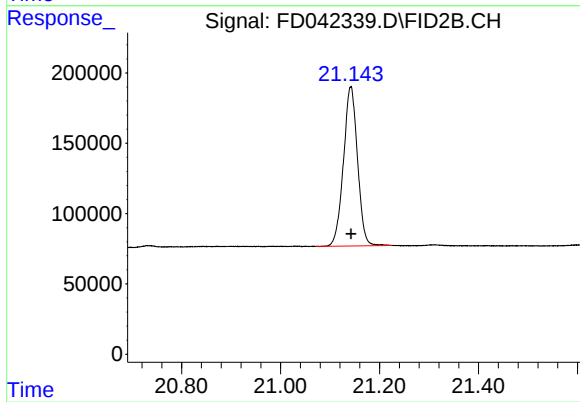
R.T.: 19.673 min
Delta R.T.: 0.000 min
Response: 2231393
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.371 min
Delta R.T.: 0.002 min
Response: 2197350
Conc: 22.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.142 min
Delta R.T.: 0.000 min
Response: 2233019
Conc: 24.76 ug/ml