

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AL\
 Data File : FD037856.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jun 2021 19:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 11 05:13:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:11:15 2021
 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)	11.443	2881331	20.303 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
12) S 1-chlorooctadecane (S...	12.878	2289088	20.532 ug/ml
Spiked Amount 50.000		Recovery =	41.06%
Target Compounds			
1) T n-Nonane (C9)	3.253	2451142	20.273 ug/ml
2) T n-Decane (C10)	4.310	2466920	20.126 ug/ml
3) T A~Naphthalene (C11.7)	5.881	2728253	20.231 ug/ml
4) T n-Dodecane (C12)	6.316	2479292	20.195 ug/ml
5) T A~2-methylnaphthalene...	6.932	2756706	20.358 ug/ml
6) T n-Tetradecane (C14)	8.104	2538581	20.229 ug/ml
7) T n-Hexadecane (C16)	9.698	2587942	20.220 ug/ml
8) T n-Octadecane (C18)	11.133	2691758	20.371 ug/ml
10) T n-Eicosane (C20)	12.436	2689618	20.379 ug/ml
11) T n-Heneicosane (C21)	13.045	2723630	20.525 ug/ml
13) T n-Docosane (C22)	13.630	2691802	20.531 ug/ml
14) T n-Tetracosane (C24)	14.726	2689262	20.608 ug/ml
15) T n-Hexacosane (C26)	15.743	2618013	20.627 ug/ml
16) T n-Octacosane (C28)	16.688	2571790	20.726 ug/ml
17) T n-Tricontane (C30)	17.571	2498067	20.761 ug/ml
18) T n-Dotriacontane (C32)	18.400	2370097	20.707 ug/ml
19) T n-Tetratriacontane (C34)	19.178	2243492	20.756 ug/ml
20) T n-Hexatriacontane (C36)	19.915	2054368	20.571 ug/ml
21) T n-Octatriacontane (C38)	20.622	1890692	20.583 ug/ml
22) T n-Tetracontane (C40)	21.459	1883237	19.799 ug/ml

(f)=RT Delta > 1/2 Window

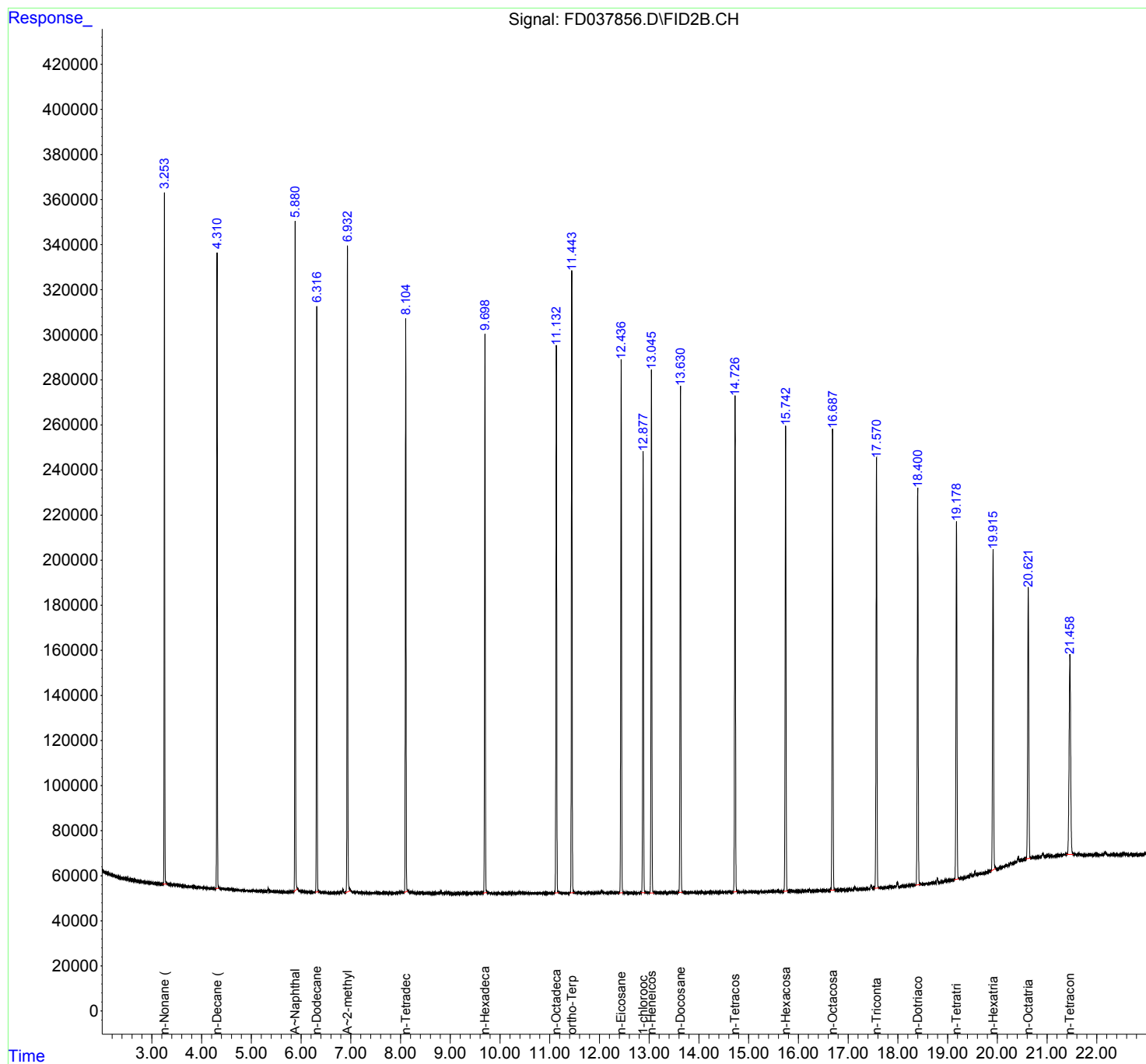
(m)=manual int.

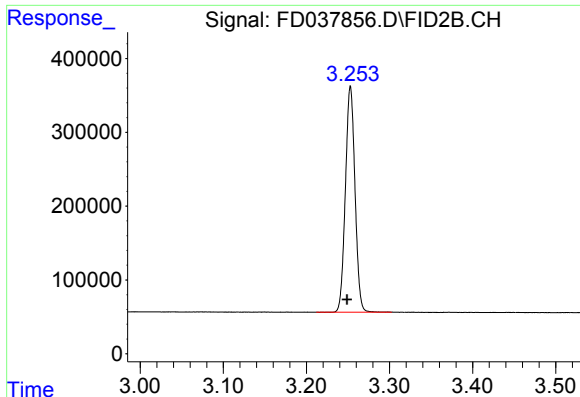
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AL\
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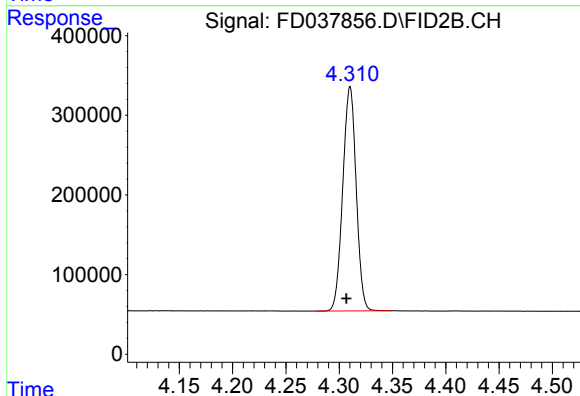




#1 n-Nonane (C9)

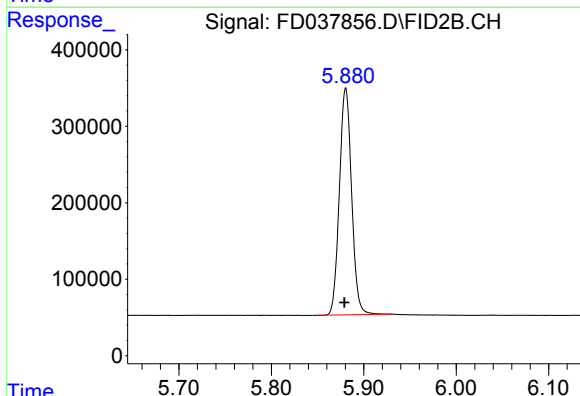
R.T.: 3.253 min
Delta R.T.: 0.004 min
Response: 2451142
Conc: 20.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



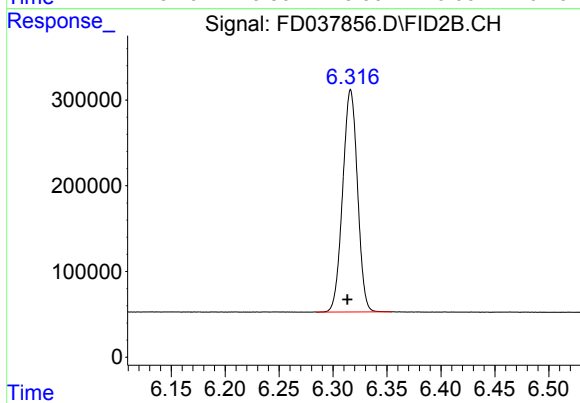
#2 n-Decane (C10)

R.T.: 4.310 min
Delta R.T.: 0.003 min
Response: 2466920
Conc: 20.13 ug/ml



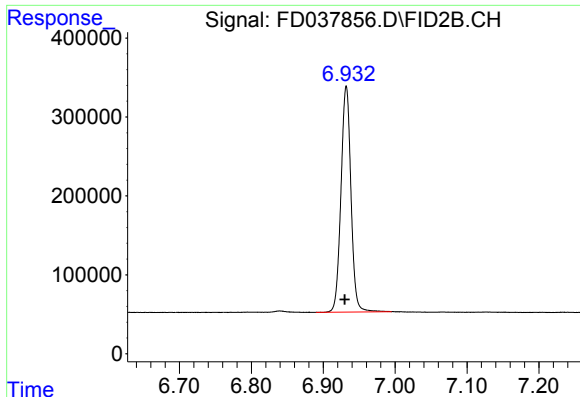
#3 A~Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: 0.002 min
Response: 2728253
Conc: 20.23 ug/ml



#4 n-Dodecane (C12)

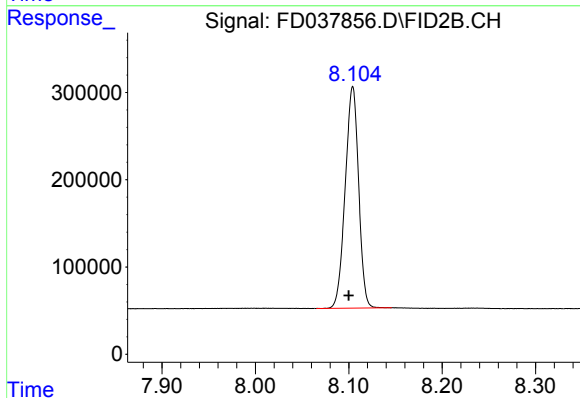
R.T.: 6.316 min
Delta R.T.: 0.003 min
Response: 2479292
Conc: 20.20 ug/ml



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

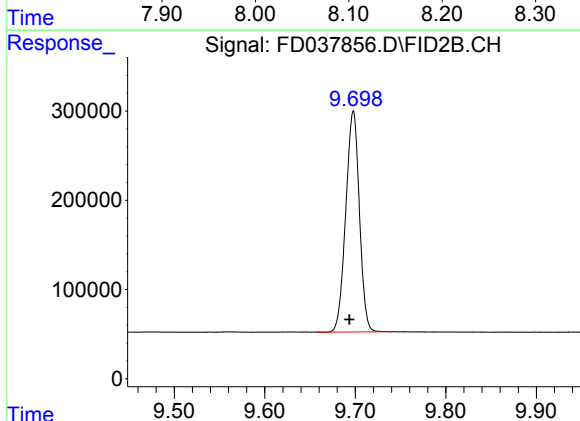
R.T.: 6.932 min
Delta R.T.: 0.002 min
Response: 2756706
Conc: 20.36 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



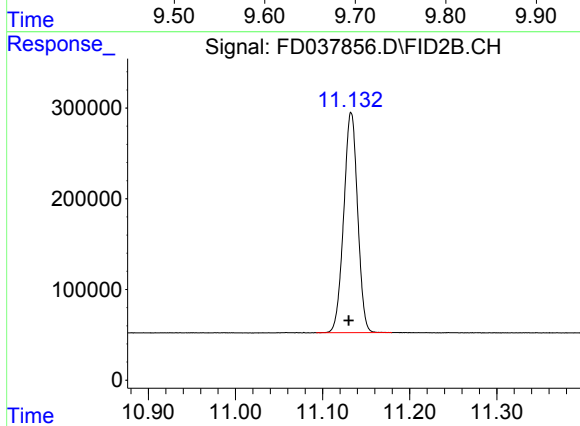
#6 n-Tetradecane (C14)

R.T.: 8.104 min
Delta R.T.: 0.004 min
Response: 2538581
Conc: 20.23 ug/ml



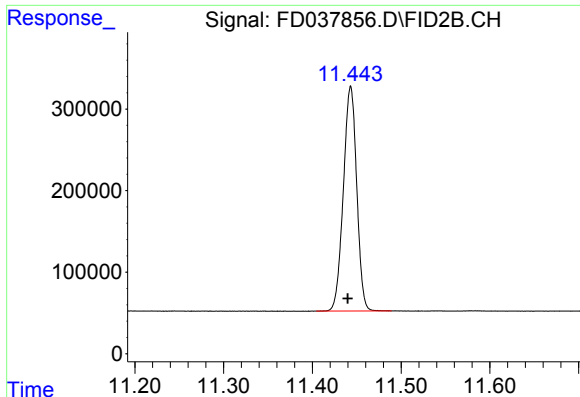
#7 n-Hexadecane (C16)

R.T.: 9.698 min
Delta R.T.: 0.004 min
Response: 2587942
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

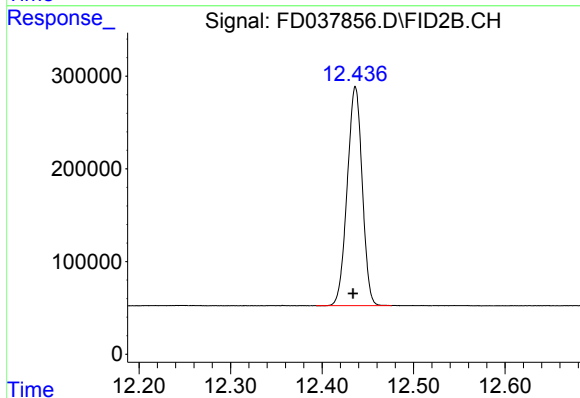
R.T.: 11.133 min
Delta R.T.: 0.003 min
Response: 2691758
Conc: 20.37 ug/ml



#9 ortho-Terphenyl (SURR)

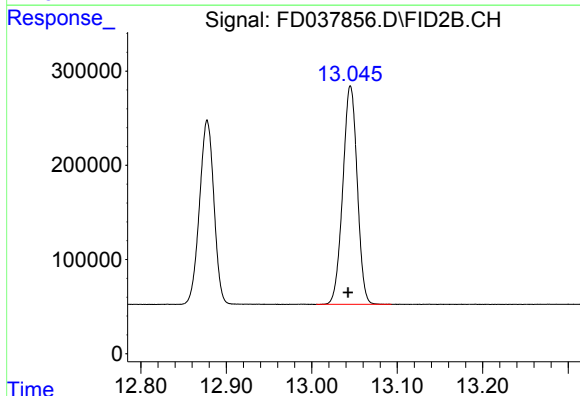
R.T.: 11.443 min
Delta R.T.: 0.004 min
Response: 2881331
Conc: 20.30 ug/ml

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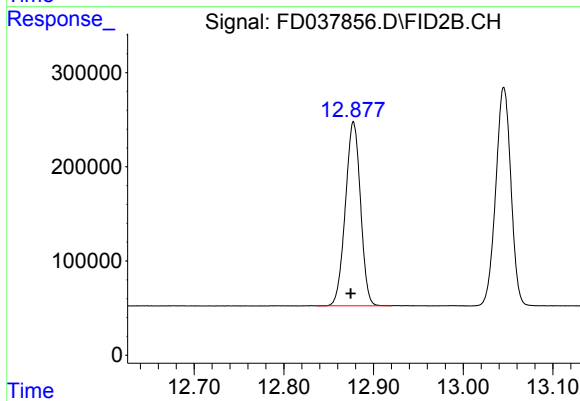
#10 n-Eicosane (C20)

R.T.: 12.436 min
Delta R.T.: 0.003 min
Response: 2689618
Conc: 20.38 ug/ml



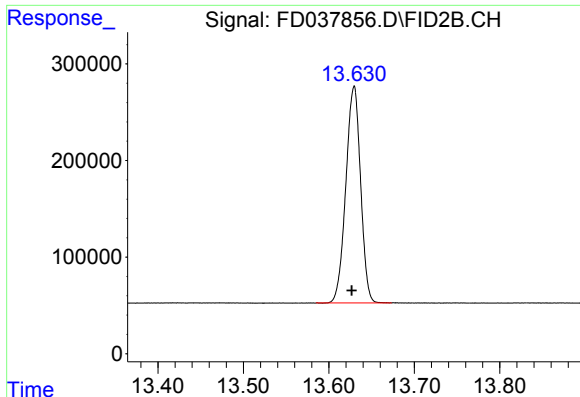
#11 n-Heneicosane (C21)

R.T.: 13.045 min
Delta R.T.: 0.003 min
Response: 2723630
Conc: 20.52 ug/ml



#12 1-chlorooctadecane (SURR)

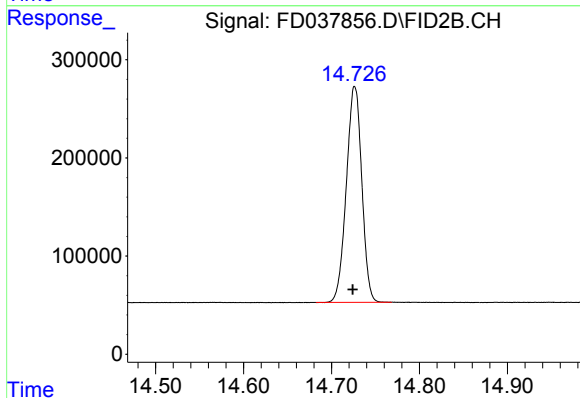
R.T.: 12.878 min
Delta R.T.: 0.003 min
Response: 2289088
Conc: 20.53 ug/ml



#13 n-Docosane (C22)

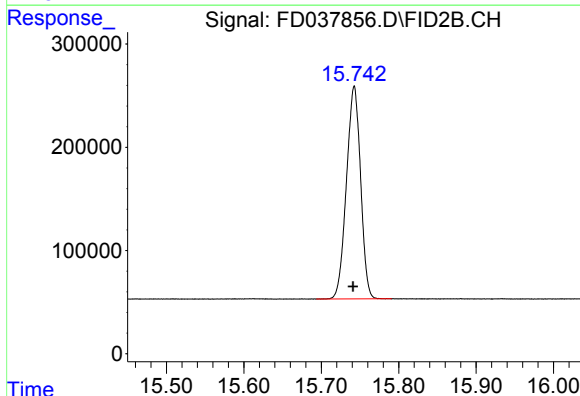
R.T.: 13.630 min
Delta R.T.: 0.003 min
Response: 2691802
Conc: 20.53 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



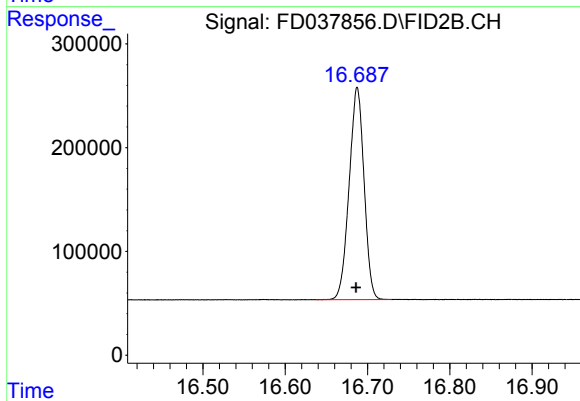
#14 n-Tetracosane (C24)

R.T.: 14.726 min
Delta R.T.: 0.002 min
Response: 2689262
Conc: 20.61 ug/ml



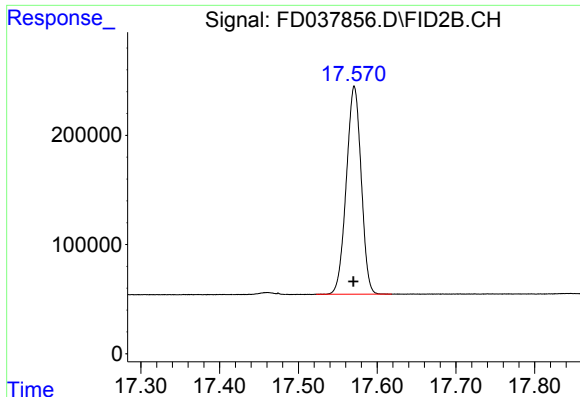
#15 n-Hexacosane (C26)

R.T.: 15.743 min
Delta R.T.: 0.002 min
Response: 2618013
Conc: 20.63 ug/ml



#16 n-Octacosane (C28)

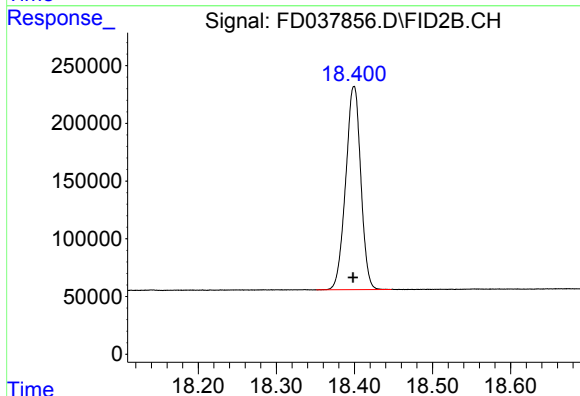
R.T.: 16.688 min
Delta R.T.: 0.002 min
Response: 2571790
Conc: 20.73 ug/ml



#17 n-Tricontane (C30)

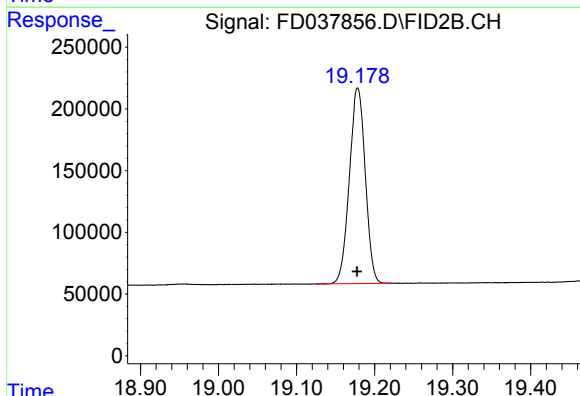
R.T.: 17.571 min
Delta R.T.: 0.001 min
Response: 2498067
Conc: 20.76 ug/ml

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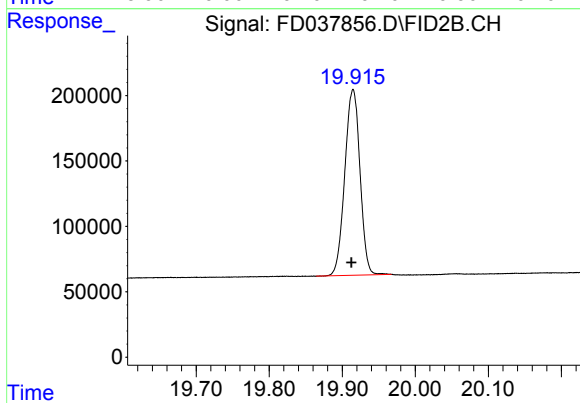
#18 n-Dotriacontane (C32)

R.T.: 18.400 min
Delta R.T.: 0.001 min
Response: 2370097
Conc: 20.71 ug/ml



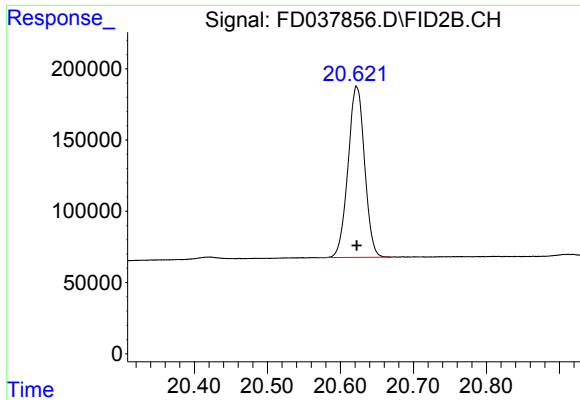
#19 n-Tetratriacontane (C34)

R.T.: 19.178 min
Delta R.T.: 0.000 min
Response: 2243492
Conc: 20.76 ug/ml



#20 n-Hexatriacontane (C36)

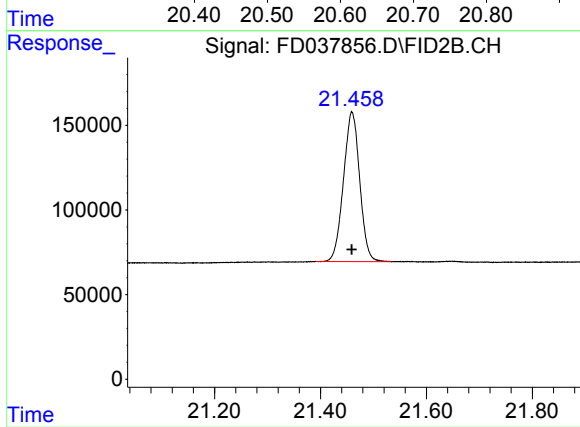
R.T.: 19.915 min
Delta R.T.: 0.002 min
Response: 2054368
Conc: 20.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.622 min
Delta R.T.: 0.000 min
Response: 1890692
Conc: 20.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.459 min
Delta R.T.: 0.000 min
Response: 1883237
Conc: 19.80 ug/ml