

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060621AL\
 Data File : FD037735.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2021 8:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 07 06:20:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.452	2289085	19.520 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	12.887	1756125	19.326 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
Target Compounds			
1) T n-Nonane (C9)	3.253	2144757	21.256 ug/ml
2) T n-Decane (C10)	4.315	2184234	21.528 ug/ml
3) T A~Naphthalene (C11.7)	5.889	2467385	21.669 ug/ml
4) T n-Dodecane (C12)	6.325	2248238	21.747 ug/ml
5) T A~2-methylnaphthalene...	6.942	2501387	21.607 ug/ml
6) T n-Tetradecane (C14)	8.112	2255569	21.642 ug/ml
7) T n-Hexadecane (C16)	9.706	2195768	21.280 ug/ml
8) T n-Octadecane (C18)	11.142	2228519	20.626 ug/ml
10) T n-Eicosane (C20)	12.445	2178439	19.989 ug/ml
11) T n-Heneicosane (C21)	13.054	2129402	19.560 ug/ml
13) T n-Docosane (C22)	13.638	2149711	19.789 ug/ml
14) T n-Tetracosane (C24)	14.737	2176568	20.087 ug/ml
15) T n-Hexacosane (C26)	15.753	2165621	20.331 ug/ml
16) T n-Octacosane (C28)	16.698	2199052	20.755 ug/ml
17) T n-Tricontane (C30)	17.580	2241925	21.295 ug/ml
18) T n-Dotriacontane (C32)	18.408	2210640	21.223 ug/ml
19) T n-Tetratriacontane (C34)	19.189	2098600	20.647 ug/ml
20) T n-Hexatriacontane (C36)	19.925	1984289	20.343 ug/ml
21) T n-Octatriacontane (C38)	20.634	1883279	20.485 ug/ml
22) T n-Tetracontane (C40)	21.477	1923744	19.978 ug/ml

(f)=RT Delta > 1/2 Window

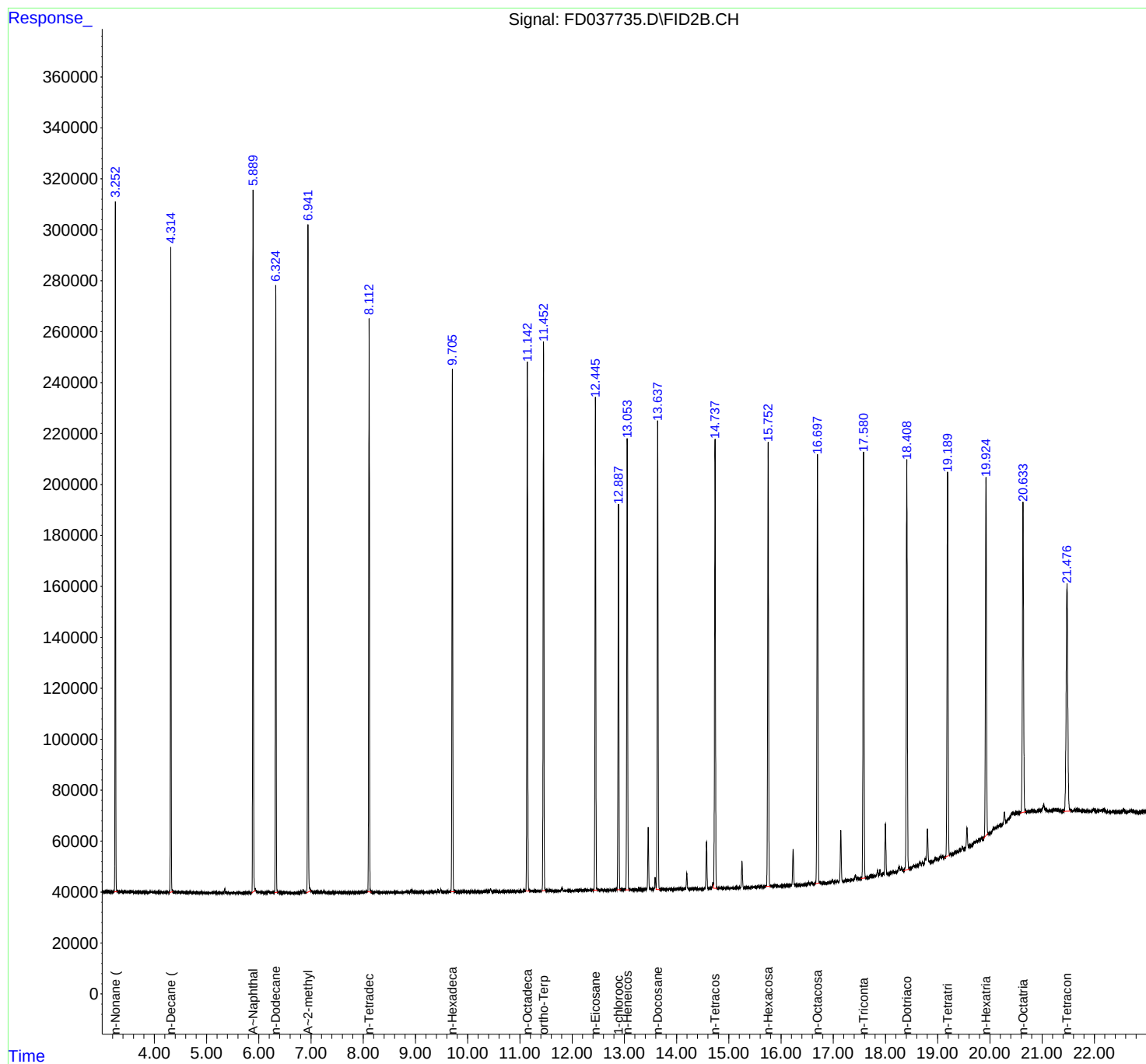
(m)=manual int.

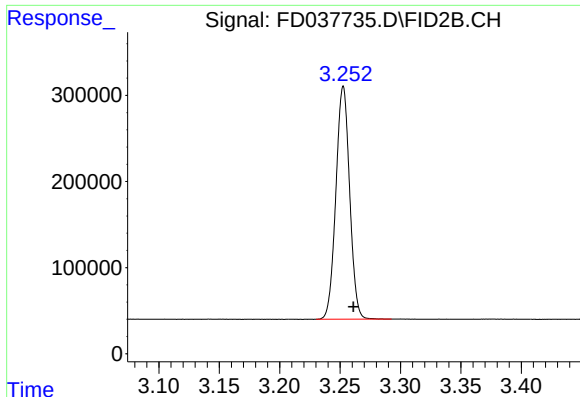
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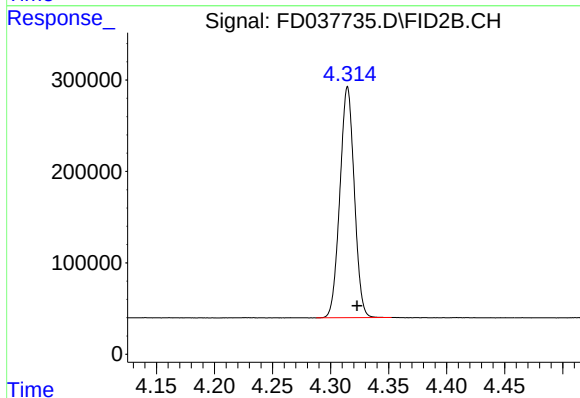




#1 n-Nonane (C9)

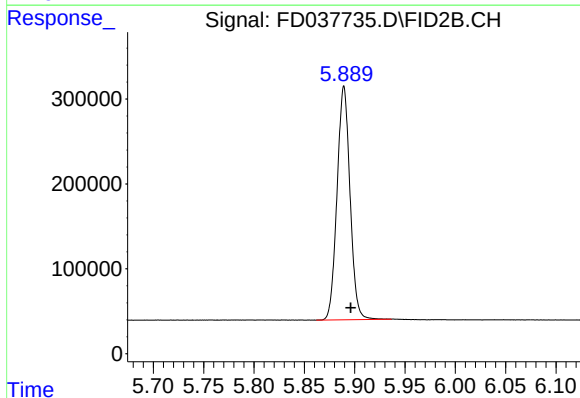
R.T.: 3.253 min
Delta R.T.: -0.008 min
Response: 2144757
Conc: 21.26 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



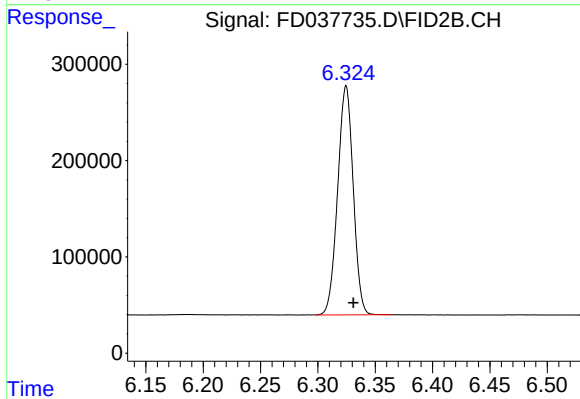
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.008 min
Response: 2184234
Conc: 21.53 ug/ml



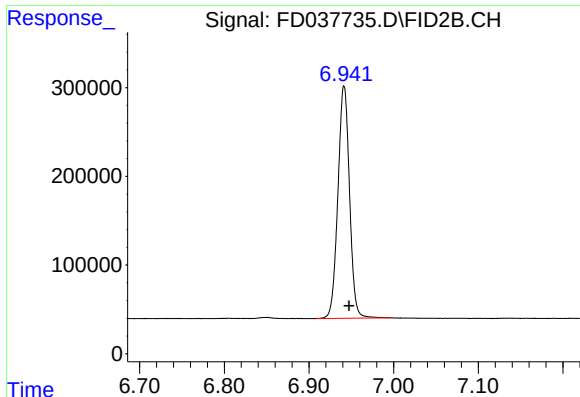
#3 A~Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: -0.007 min
Response: 2467385
Conc: 21.67 ug/ml



#4 n-Dodecane (C12)

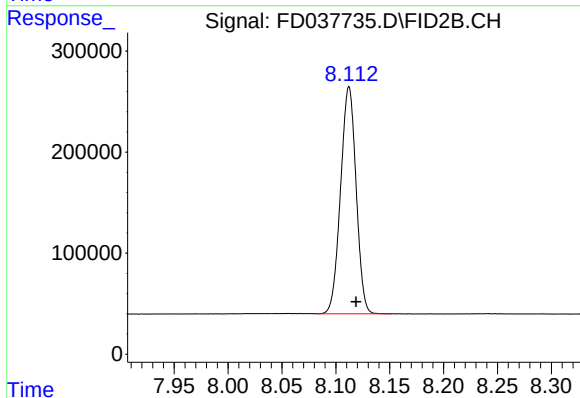
R.T.: 6.325 min
Delta R.T.: -0.006 min
Response: 2248238
Conc: 21.75 ug/ml



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

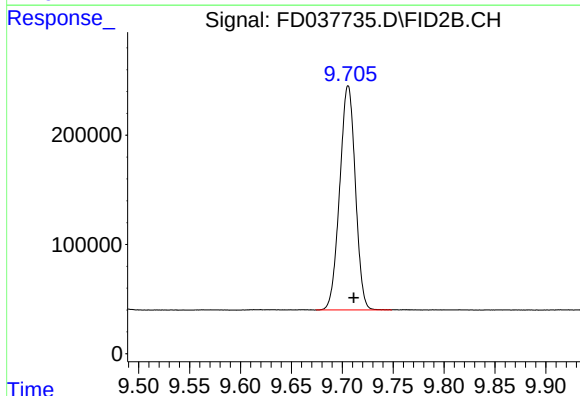
R.T.: 6.942 min
Delta R.T.: -0.006 min
Response: 2501387
Conc: 21.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



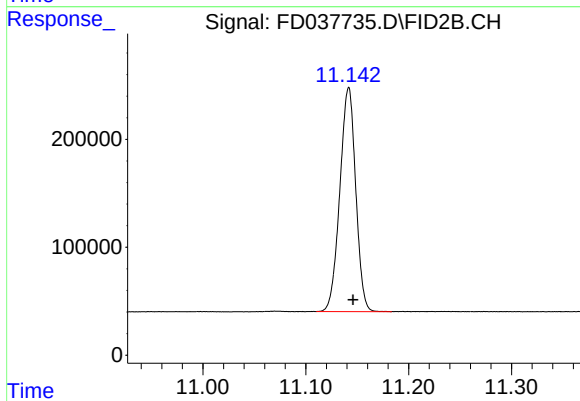
#6 n-Tetradecane (C14)

R.T.: 8.112 min
Delta R.T.: -0.007 min
Response: 2255569
Conc: 21.64 ug/ml



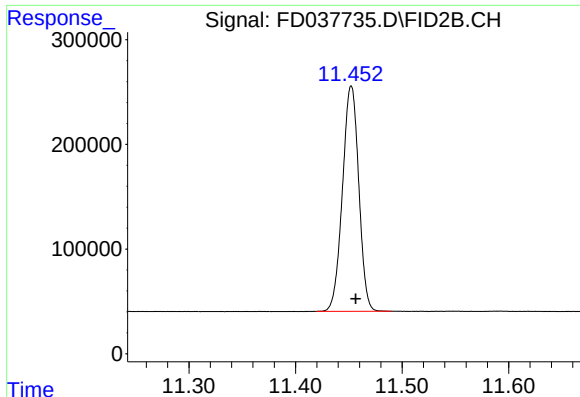
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: -0.006 min
Response: 2195768
Conc: 21.28 ug/ml



#8 n-Octadecane (C18)

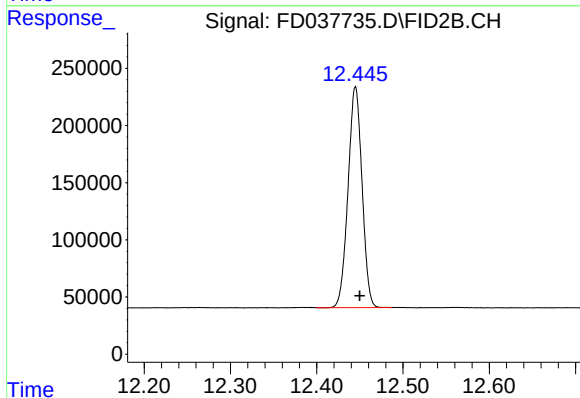
R.T.: 11.142 min
Delta R.T.: -0.004 min
Response: 2228519
Conc: 20.63 ug/ml



#9 ortho-Terphenyl (SURR)

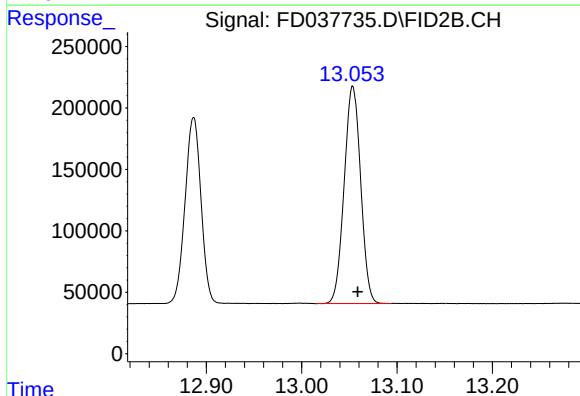
R.T.: 11.452 min
Delta R.T.: -0.004 min
Response: 2289085
Conc: 19.52 ug/ml

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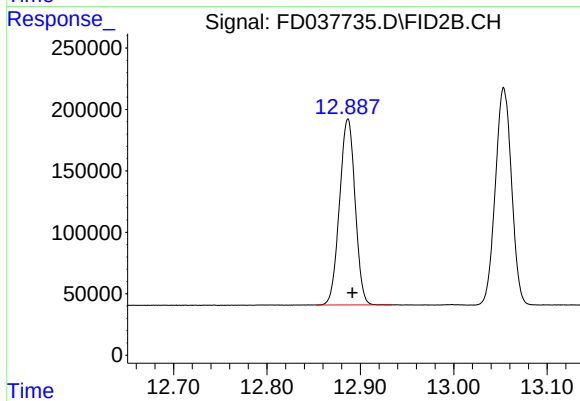
#10 n-Eicosane (C20)

R.T.: 12.445 min
Delta R.T.: -0.005 min
Response: 2178439
Conc: 19.99 ug/ml



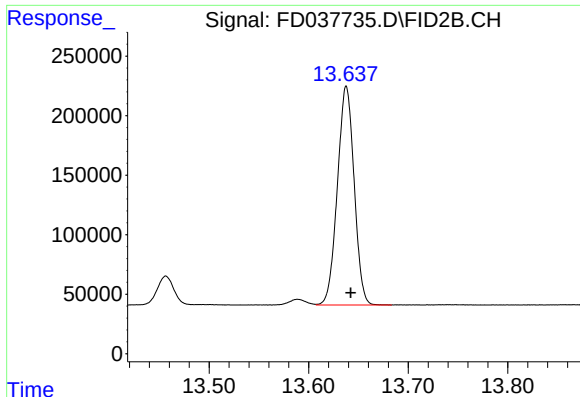
#11 n-Heneicosane (C21)

R.T.: 13.054 min
Delta R.T.: -0.005 min
Response: 2129402
Conc: 19.56 ug/ml



#12 1-chlorooctadecane (SURR)

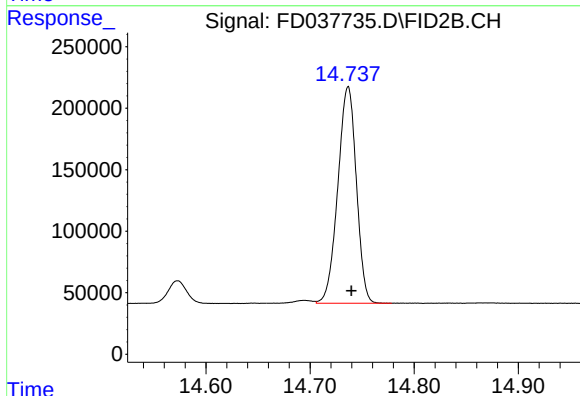
R.T.: 12.887 min
Delta R.T.: -0.005 min
Response: 1756125
Conc: 19.33 ug/ml



#13 n-Docosane (C22)

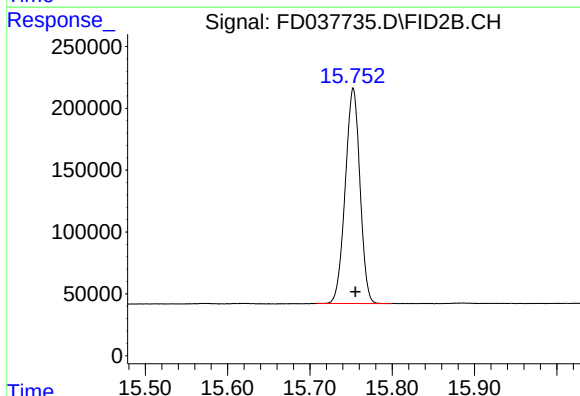
R.T.: 13.638 min
Delta R.T.: -0.004 min
Response: 2149711
Conc: 19.79 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



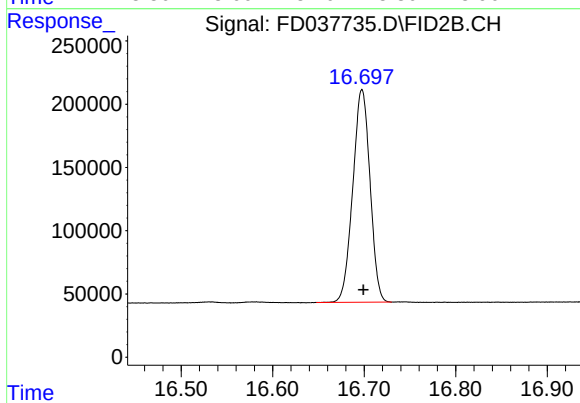
#14 n-Tetracosane (C24)

R.T.: 14.737 min
Delta R.T.: -0.003 min
Response: 2176568
Conc: 20.09 ug/ml



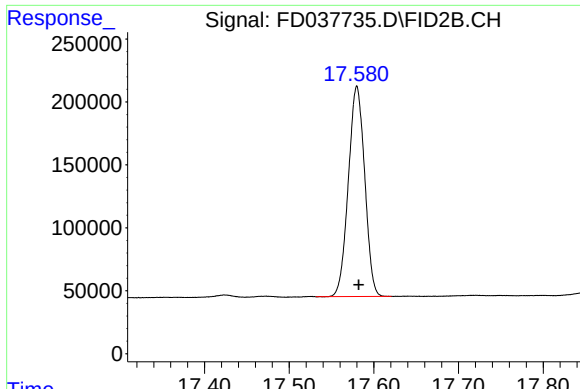
#15 n-Hexacosane (C26)

R.T.: 15.753 min
Delta R.T.: -0.003 min
Response: 2165621
Conc: 20.33 ug/ml



#16 n-Octacosane (C28)

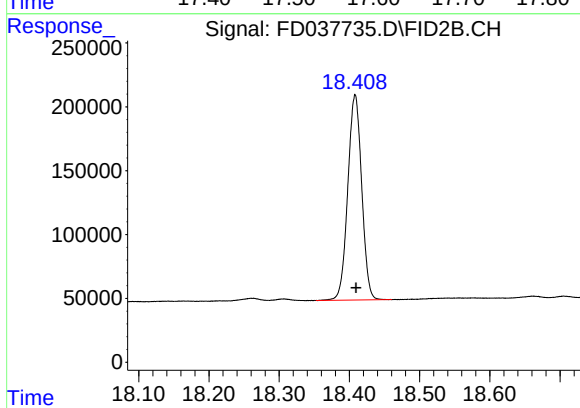
R.T.: 16.698 min
Delta R.T.: -0.002 min
Response: 2199052
Conc: 20.76 ug/ml



#17 n-Tricontane (C30)

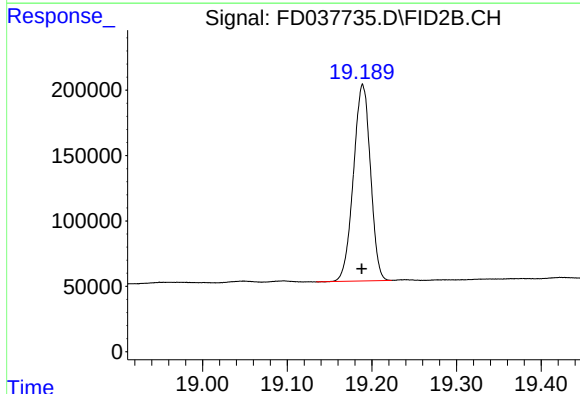
R.T.: 17.580 min
Delta R.T.: -0.002 min
Response: 2241925
Conc: 21.29 ug/ml

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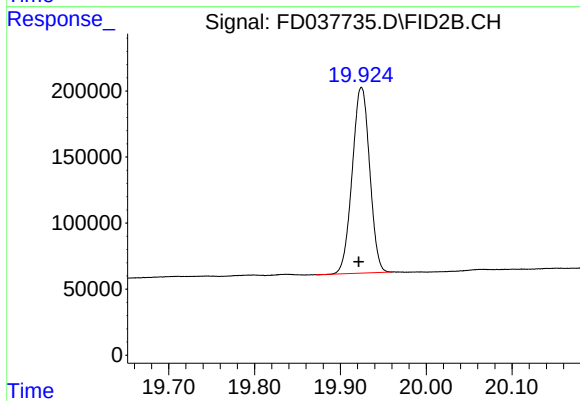
#18 n-Dotriacontane (C32)

R.T.: 18.408 min
Delta R.T.: -0.001 min
Response: 2210640
Conc: 21.22 ug/ml



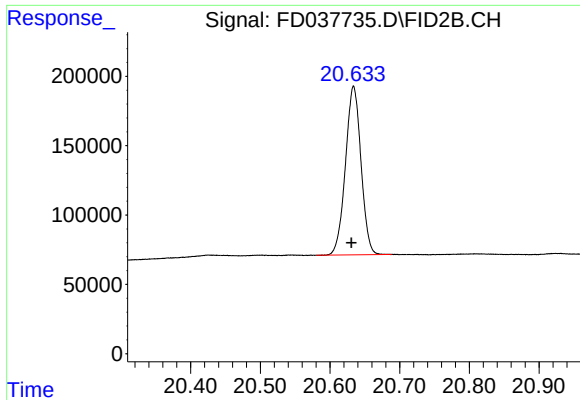
#19 n-Tetratriacontane (C34)

R.T.: 19.189 min
Delta R.T.: 0.001 min
Response: 2098600
Conc: 20.65 ug/ml



#20 n-Hexatriacontane (C36)

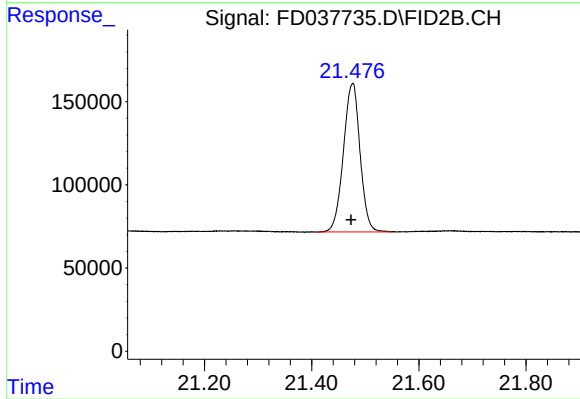
R.T.: 19.925 min
Delta R.T.: 0.003 min
Response: 1984289
Conc: 20.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.634 min
Delta R.T.: 0.003 min
Response: 1883279
Conc: 20.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.477 min
Delta R.T.: 0.003 min
Response: 1923744
Conc: 19.98 ug/ml