

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060421AL\
 Data File : FD037732.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2021 00:12
 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 01:14:40 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)	11.454	2254853	19.228 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
12) S 1-chlorooctadecane (S...	12.889	1731541	19.056 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
Target Compounds			
1) T n-Nonane (C9)	3.255	2117160	20.983 ug/ml
2) T n-Decane (C10)	4.316	2153151	21.222 ug/ml
3) T A~Naphthalene (C11.7)	5.890	2427461	21.318 ug/ml
4) T n-Dodecane (C12)	6.325	2215280	21.429 ug/ml
5) T A~2-methylnaphthalene...	6.943	2456964	21.223 ug/ml
6) T n-Tetradecane (C14)	8.113	2216272	21.265 ug/ml
7) T n-Hexadecane (C16)	9.706	2155683	20.892 ug/ml
8) T n-Octadecane (C18)	11.143	2193161	20.298 ug/ml
10) T n-Eicosane (C20)	12.447	2145297	19.684 ug/ml
11) T n-Heneicosane (C21)	13.056	2098765	19.279 ug/ml
13) T n-Docosane (C22)	13.639	2111138	19.434 ug/ml
14) T n-Tetracosane (C24)	14.737	2135176	19.705 ug/ml
15) T n-Hexacosane (C26)	15.754	2124299	19.943 ug/ml
16) T n-Octacosane (C28)	16.700	2154753	20.337 ug/ml
17) T n-Tricontane (C30)	17.583	2199746	20.894 ug/ml
18) T n-Dotriacontane (C32)	18.411	2175255	20.883 ug/ml
19) T n-Tetratriacontane (C34)	19.191	2069463	20.360 ug/ml
20) T n-Hexatriacontane (C36)	19.929	1945204	19.942 ug/ml
21) T n-Octatriacontane (C38)	20.638	1848914	20.111 ug/ml
22) T n-Tetracontane (C40)	21.479	1904011	19.773 ug/ml

(f)=RT Delta > 1/2 Window

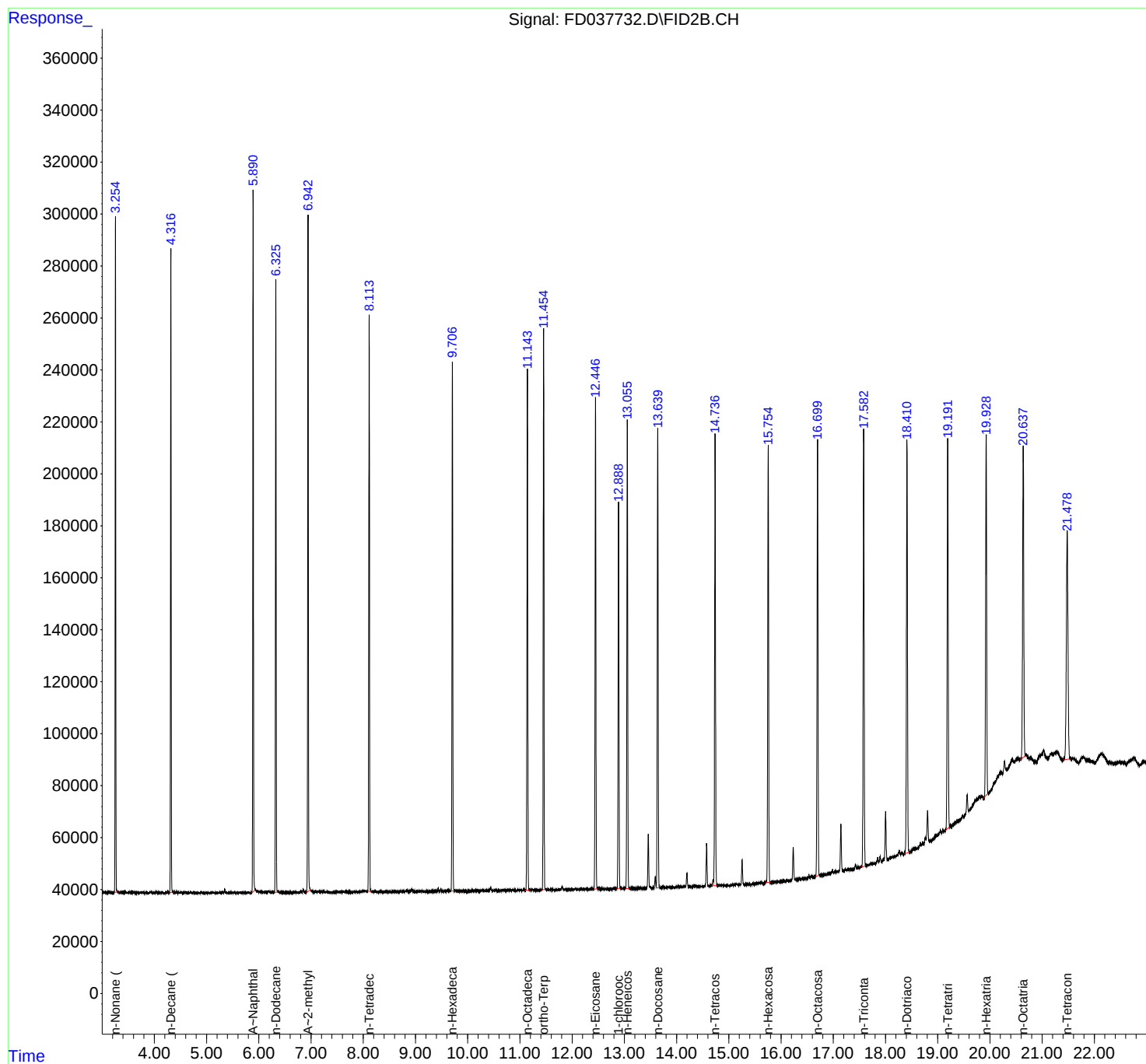
(m)=manual int.

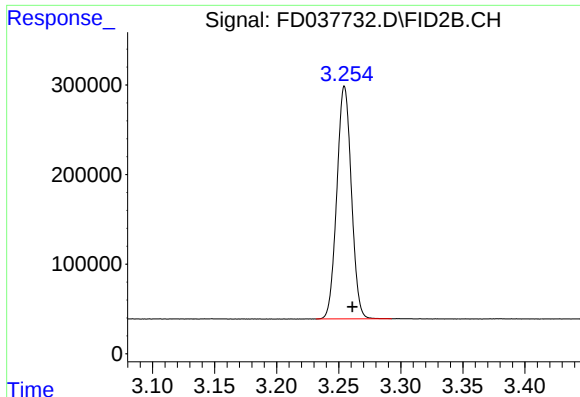
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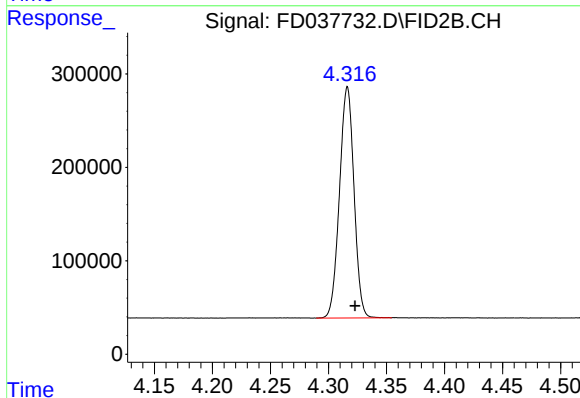




#1 n-Nonane (C9)

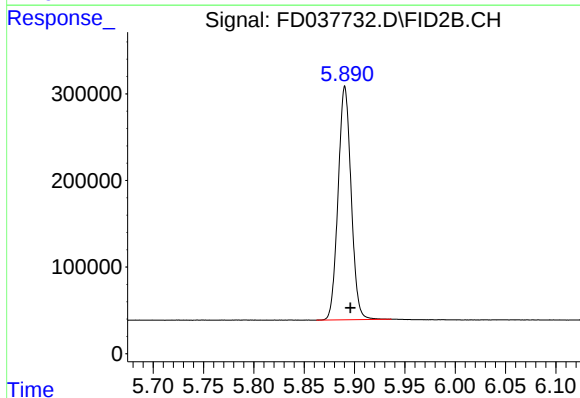
R.T.: 3.255 min
Delta R.T.: -0.006 min
Response: 2117160
Conc: 20.98 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



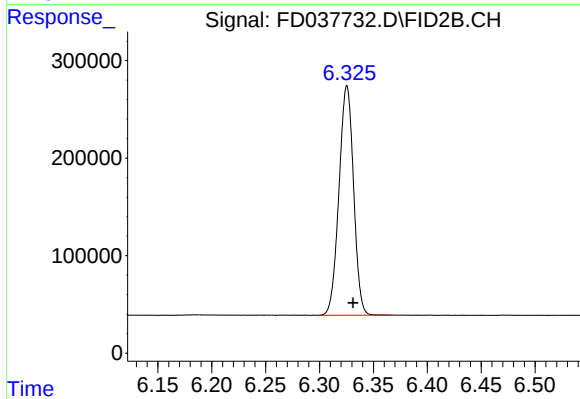
#2 n-Decane (C10)

R.T.: 4.316 min
Delta R.T.: -0.006 min
Response: 2153151
Conc: 21.22 ug/ml



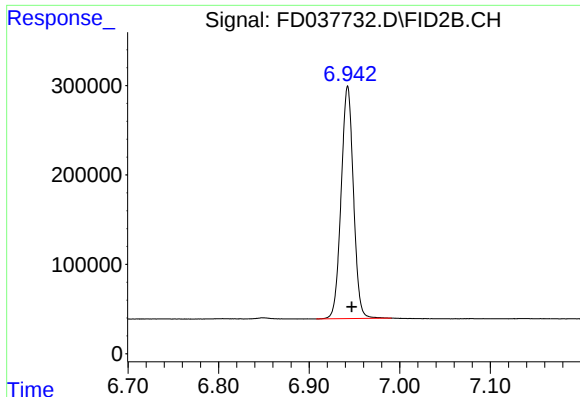
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 2427461
Conc: 21.32 ug/ml



#4 n-Dodecane (C12)

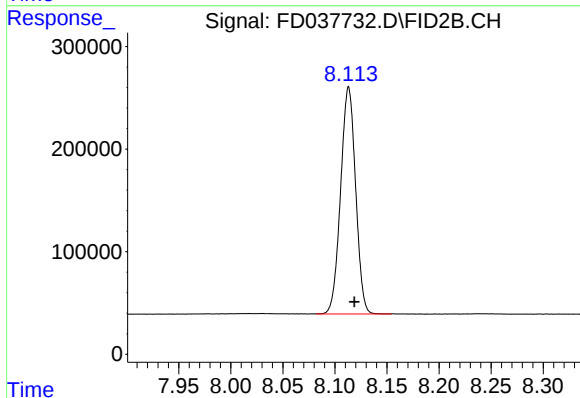
R.T.: 6.325 min
Delta R.T.: -0.006 min
Response: 2215280
Conc: 21.43 ug/ml



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

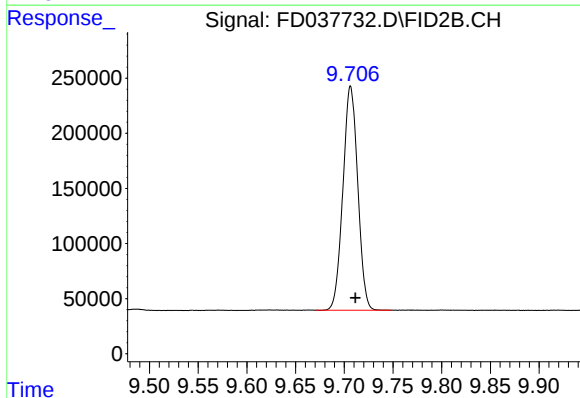
R.T.: 6.943 min
Delta R.T.: -0.005 min
Response: 2456964
Conc: 21.22 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



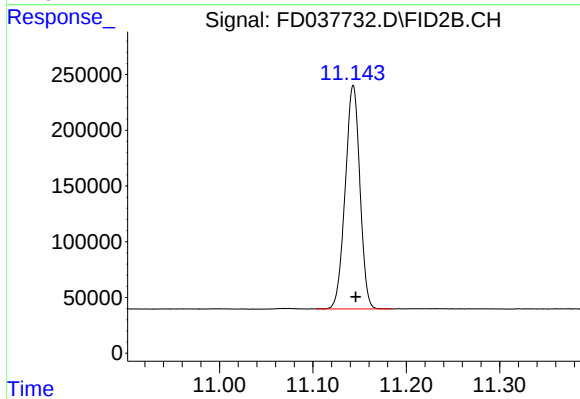
#6 n-Tetradecane (C14)

R.T.: 8.113 min
Delta R.T.: -0.006 min
Response: 2216272
Conc: 21.26 ug/ml



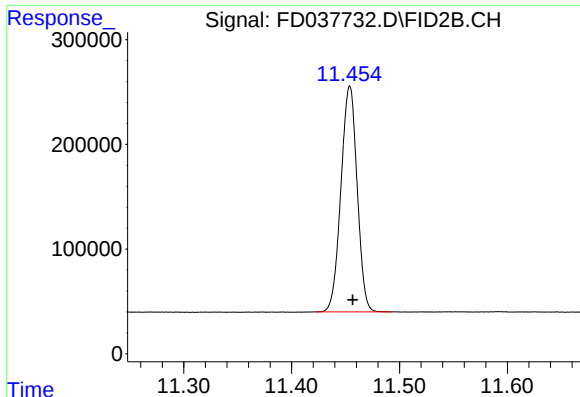
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: -0.005 min
Response: 2155683
Conc: 20.89 ug/ml



#8 n-Octadecane (C18)

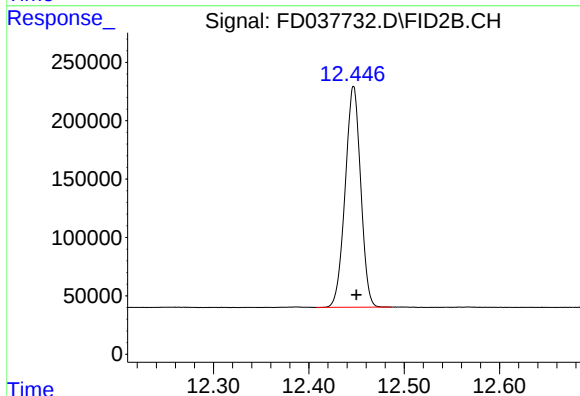
R.T.: 11.143 min
Delta R.T.: -0.003 min
Response: 2193161
Conc: 20.30 ug/ml



#9 ortho-Terphenyl (SURR)

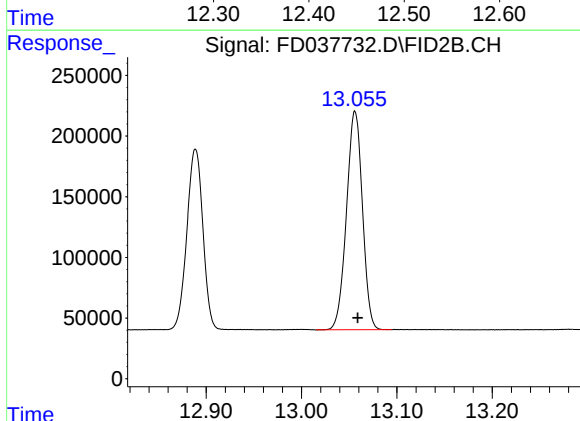
R.T.: 11.454 min
Delta R.T.: -0.002 min
Response: 2254853
Conc: 19.23 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



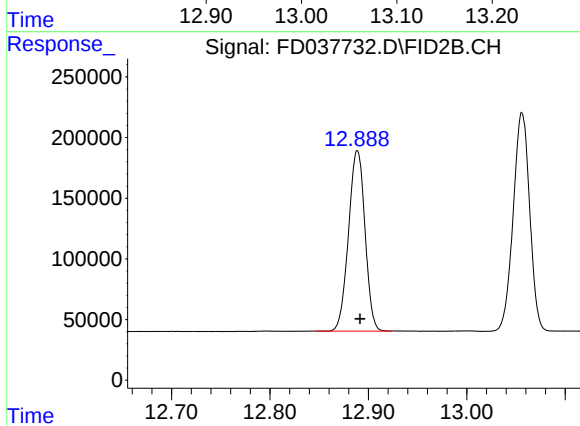
#10 n-Eicosane (C20)

R.T.: 12.447 min
Delta R.T.: -0.003 min
Response: 2145297
Conc: 19.68 ug/ml



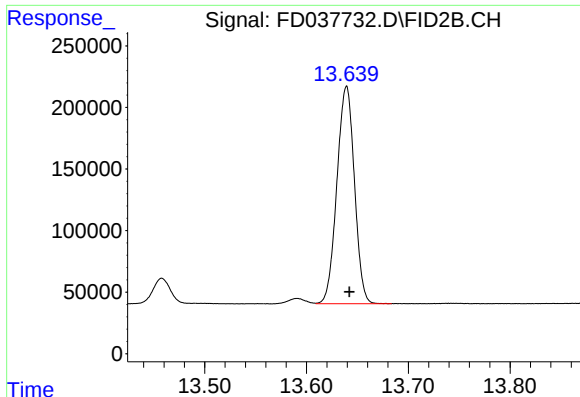
#11 n-Heneicosane (C21)

R.T.: 13.056 min
Delta R.T.: -0.003 min
Response: 2098765
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

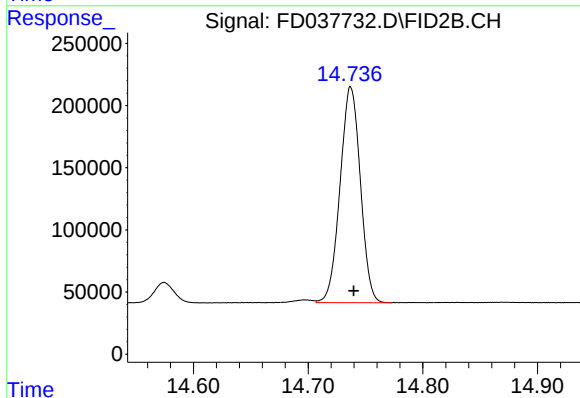
R.T.: 12.889 min
Delta R.T.: -0.003 min
Response: 1731541
Conc: 19.06 ug/ml



#13 n-Docosane (C22)

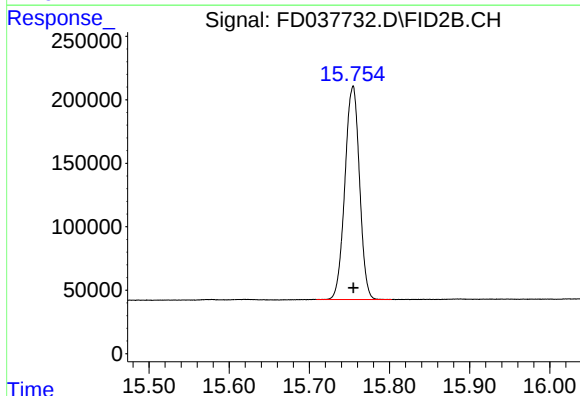
R.T.: 13.639 min
Delta R.T.: -0.003 min
Response: 2111138
Conc: 19.43 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



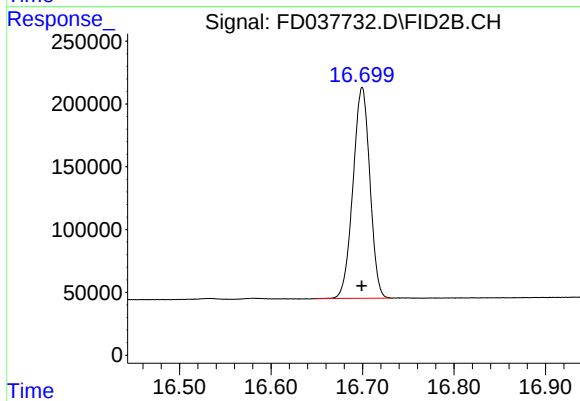
#14 n-Tetracosane (C24)

R.T.: 14.737 min
Delta R.T.: -0.003 min
Response: 2135176
Conc: 19.71 ug/ml



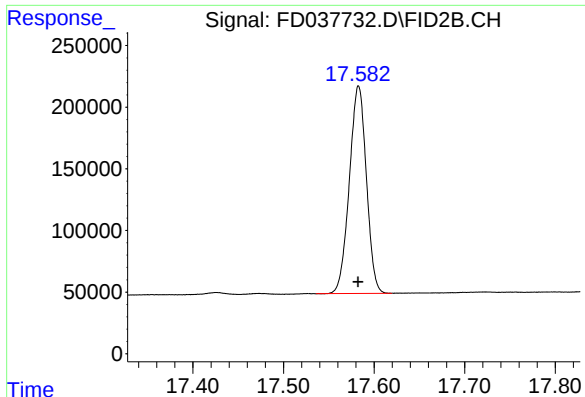
#15 n-Hexacosane (C26)

R.T.: 15.754 min
Delta R.T.: 0.000 min
Response: 2124299
Conc: 19.94 ug/ml



#16 n-Octacosane (C28)

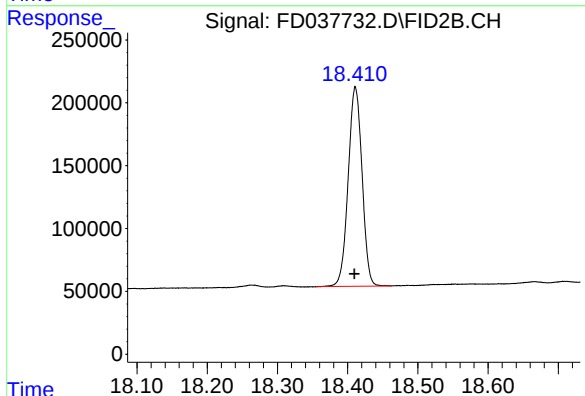
R.T.: 16.700 min
Delta R.T.: 0.000 min
Response: 2154753
Conc: 20.34 ug/ml



#17 n-Tricontane (C30)

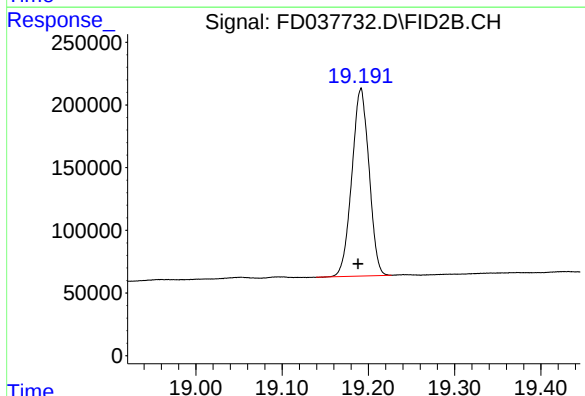
R.T.: 17.583 min
Delta R.T.: 0.000 min
Response: 2199746
Conc: 20.89 ug/ml

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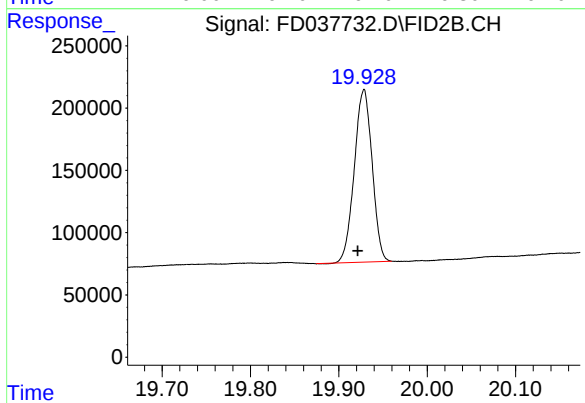
#18 n-Dotriacontane (C32)

R.T.: 18.411 min
Delta R.T.: 0.001 min
Response: 2175255
Conc: 20.88 ug/ml



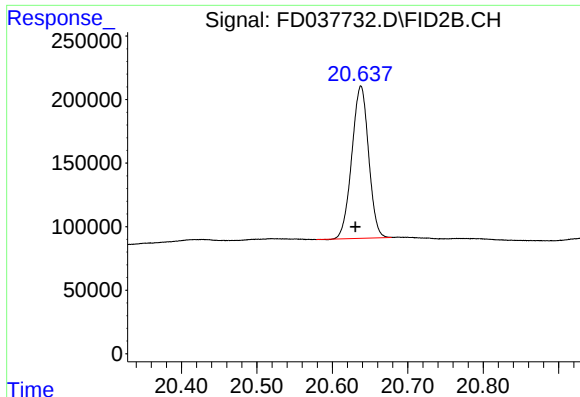
#19 n-Tetratriacontane (C34)

R.T.: 19.191 min
Delta R.T.: 0.003 min
Response: 2069463
Conc: 20.36 ug/ml



#20 n-Hexatriacontane (C36)

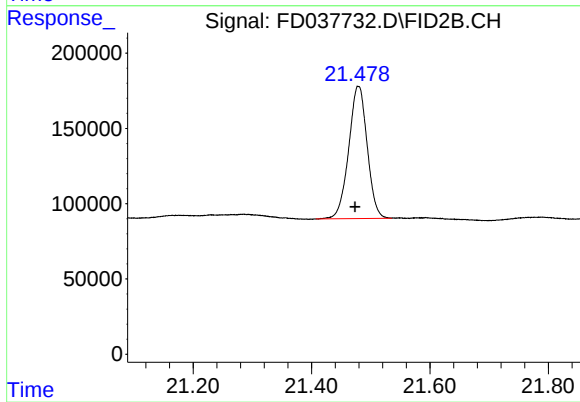
R.T.: 19.929 min
Delta R.T.: 0.007 min
Response: 1945204
Conc: 19.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.638 min
Delta R.T.: 0.007 min
Response: 1848914
Conc: 20.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.479 min
Delta R.T.: 0.005 min
Response: 1904011
Conc: 19.77 ug/ml