

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AL\
 Data File : FD037055.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2021 22:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Apr 22 03:33:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.476	2211294	18.938 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
12) S 1-chlorooctadecane (S...	12.910	1589302	18.786 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
Target Compounds			
1) T n-Nonane (C9)	3.276	2224118	18.876 ug/ml
2) T n-Decane (C10)	4.337	2236835	18.861 ug/ml
3) T A~Naphthalene (C11.7)	5.910	2477320	18.877 ug/ml
4) T n-Dodecane (C12)	6.346	2240865	18.870 ug/ml
5) T A~2-methylnaphthalene...	6.962	2476077	18.883 ug/ml
6) T n-Tetradecane (C14)	8.134	2187725	18.899 ug/ml
7) T n-Hexadecane (C16)	9.728	2079573	18.915 ug/ml
8) T n-Octadecane (C18)	11.165	2085963	19.025 ug/ml
10) T n-Eicosane (C20)	12.468	2016573	19.011 ug/ml
11) T n-Heneicosane (C21)	13.078	1987389	18.917 ug/ml
13) T n-Docosane (C22)	13.661	1944692	18.917 ug/ml
14) T n-Tetracosane (C24)	14.758	1908494	18.841 ug/ml
15) T n-Hexacosane (C26)	15.775	1848111	18.922 ug/ml
16) T n-Octacosane (C28)	16.719	1824116	18.977 ug/ml
17) T n-Tricontane (C30)	17.602	1824881	18.976 ug/ml
18) T n-Dotriacontane (C32)	18.429	1846766	18.777 ug/ml
19) T n-Tetratriacontane (C34)	19.208	1802258	18.988 ug/ml
20) T n-Hexatriacontane (C36)	19.944	1685090	17.893 ug/ml
21) T n-Octatriacontane (C38)	20.654	1634748	18.988 ug/ml
22) T n-Tetracontane (C40)	21.502	1702069	17.740 ug/ml

(f)=RT Delta > 1/2 Window

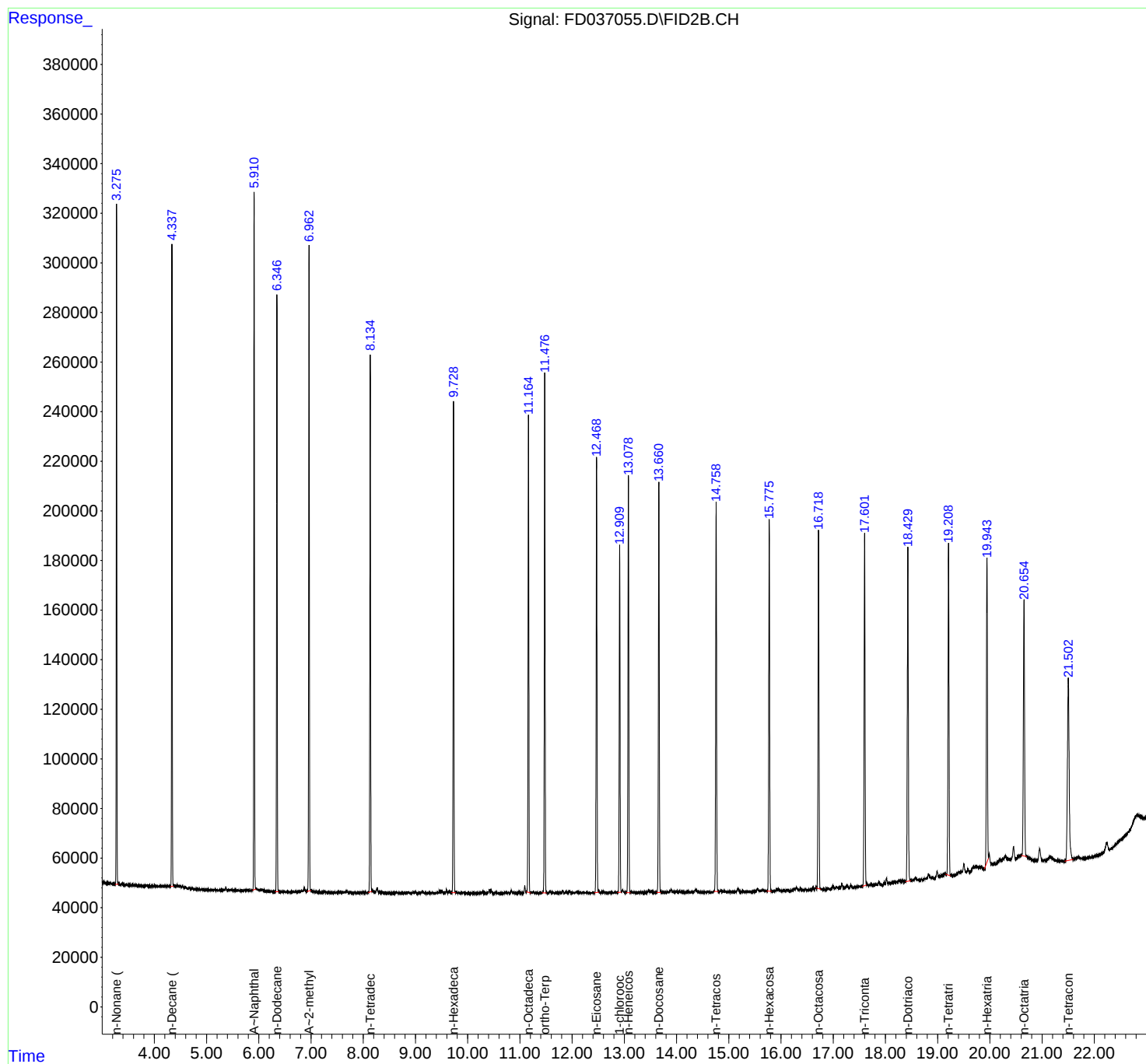
(m)=manual int.

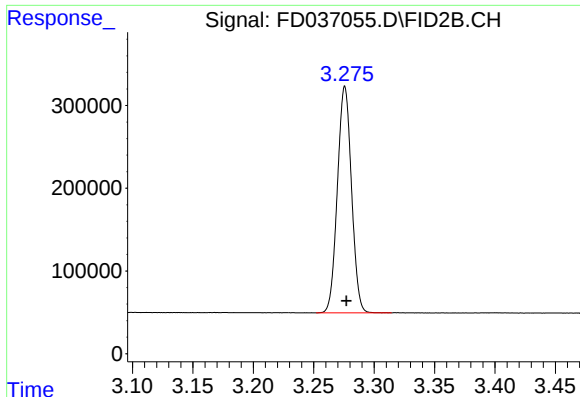
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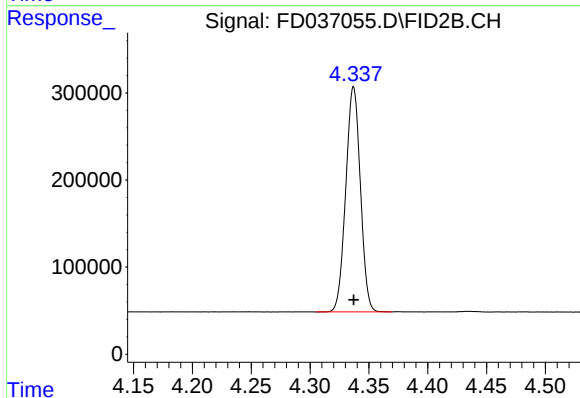




#1 n-Nonane (C9)

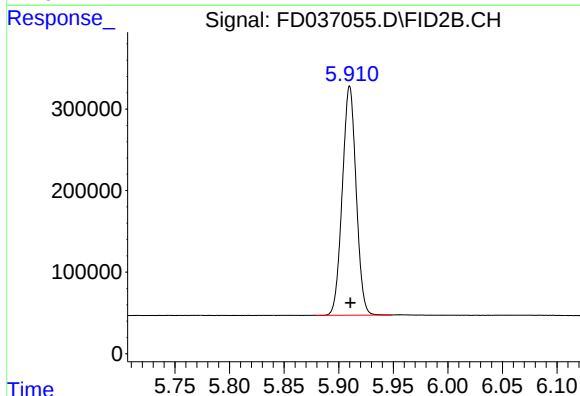
R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 2224118
Conc: 18.88 ug/ml

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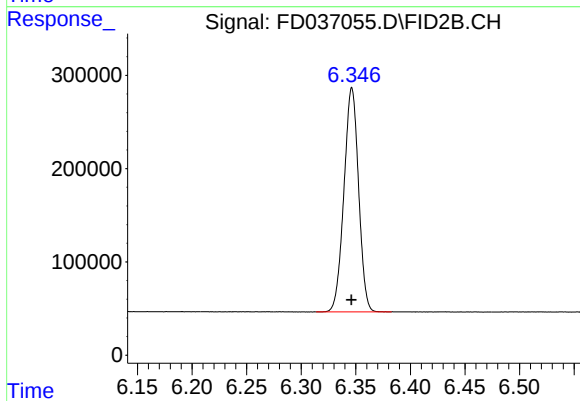
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 2236835
Conc: 18.86 ug/ml



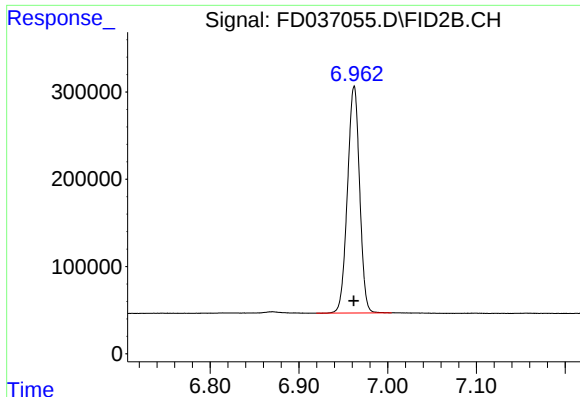
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 2477320
Conc: 18.88 ug/ml



#4 n-Dodecane (C12)

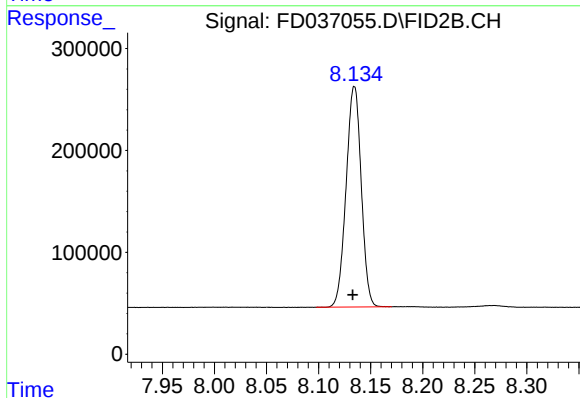
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 2240865
Conc: 18.87 ug/ml



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

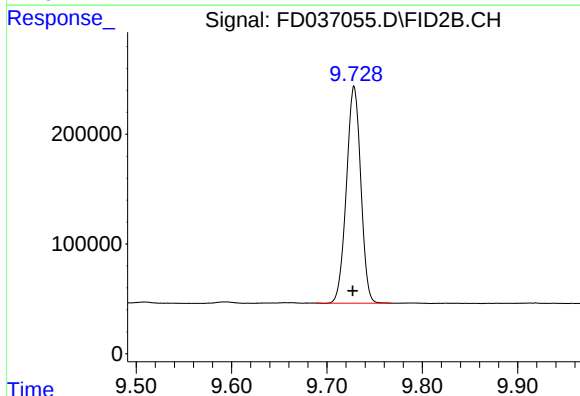
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 2476077
Conc: 18.88 ug/ml

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20 PPM ALIPHATIC HC STD ICV



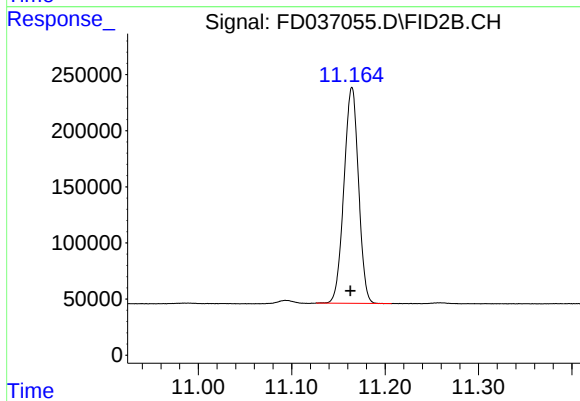
#6 n-Tetradecane (C14)

R.T.: 8.134 min
Delta R.T.: 0.002 min
Response: 2187725
Conc: 18.90 ug/ml



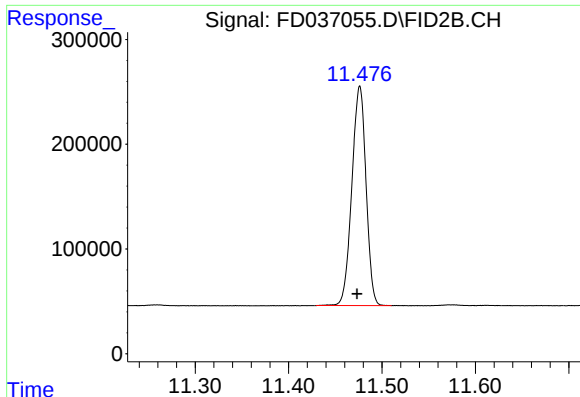
#7 n-Hexadecane (C16)

R.T.: 9.728 min
Delta R.T.: 0.002 min
Response: 2079573
Conc: 18.92 ug/ml



#8 n-Octadecane (C18)

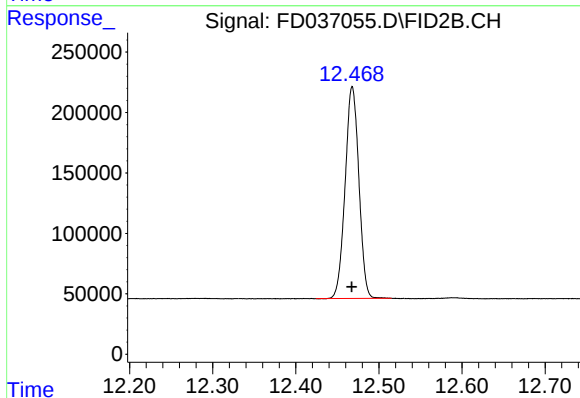
R.T.: 11.165 min
Delta R.T.: 0.002 min
Response: 2085963
Conc: 19.02 ug/ml



#9 ortho-Terphenyl (SURR)

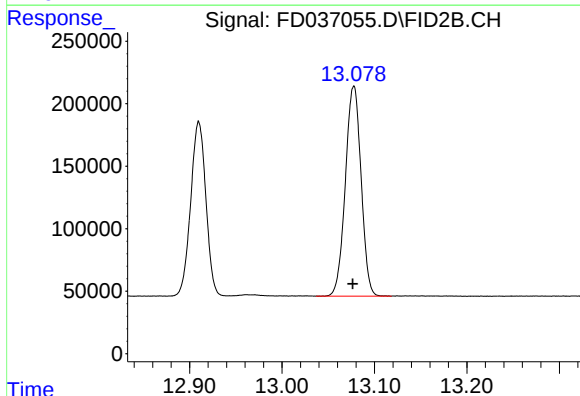
R.T.: 11.476 min
Delta R.T.: 0.003 min
Response: 2211294
Conc: 18.94 ug/ml

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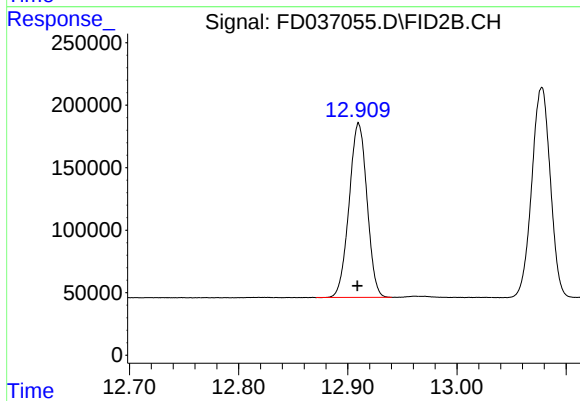
#10 n-Eicosane (C20)

R.T.: 12.468 min
Delta R.T.: 0.000 min
Response: 2016573
Conc: 19.01 ug/ml



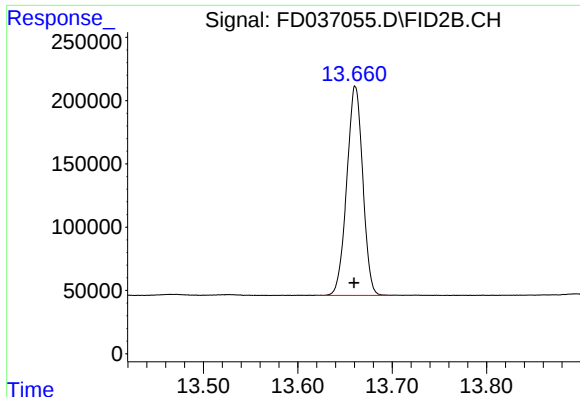
#11 n-Heneicosane (C21)

R.T.: 13.078 min
Delta R.T.: 0.001 min
Response: 1987389
Conc: 18.92 ug/ml



#12 1-chlorooctadecane (SURR)

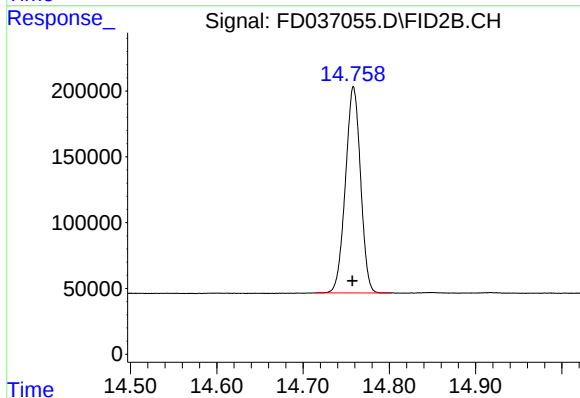
R.T.: 12.910 min
Delta R.T.: 0.001 min
Response: 1589302
Conc: 18.79 ug/ml



#13 n-Docosane (C22)

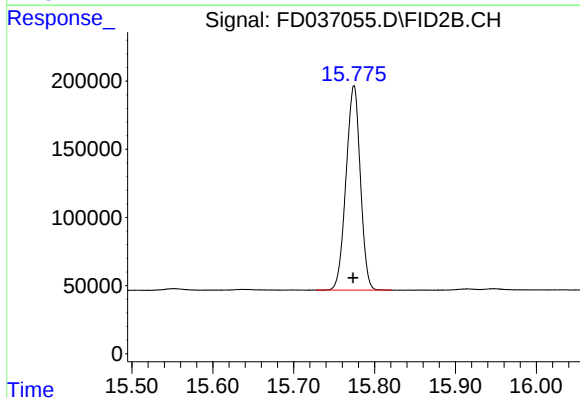
R.T.: 13.661 min
Delta R.T.: 0.001 min
Response: 1944692
Conc: 18.92 ug/ml

Instrument :
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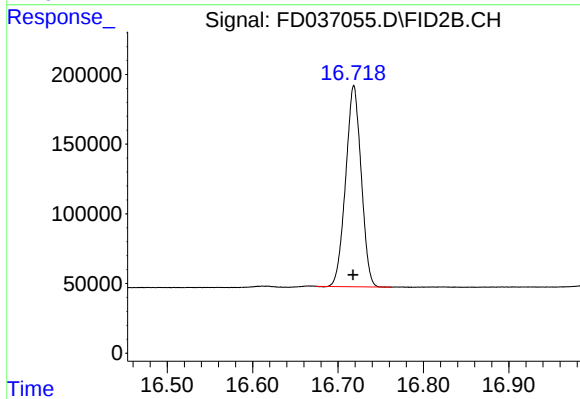
#14 n-Tetracosane (C24)

R.T.: 14.758 min
Delta R.T.: 0.001 min
Response: 1908494
Conc: 18.84 ug/ml



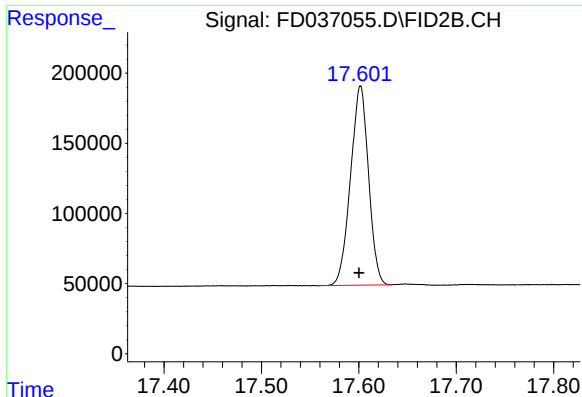
#15 n-Hexacosane (C26)

R.T.: 15.775 min
Delta R.T.: 0.001 min
Response: 1848111
Conc: 18.92 ug/ml



#16 n-Octacosane (C28)

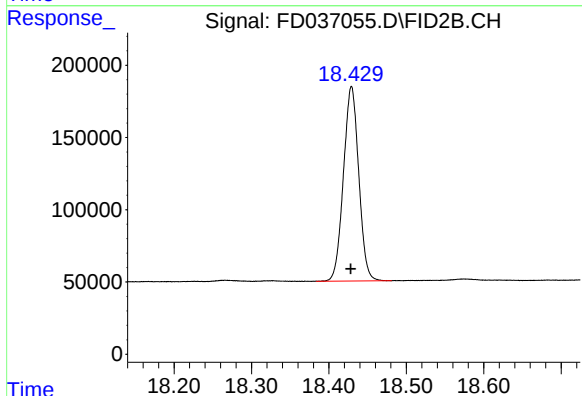
R.T.: 16.719 min
Delta R.T.: 0.001 min
Response: 1824116
Conc: 18.98 ug/ml



#17 n-Tricontane (C30)

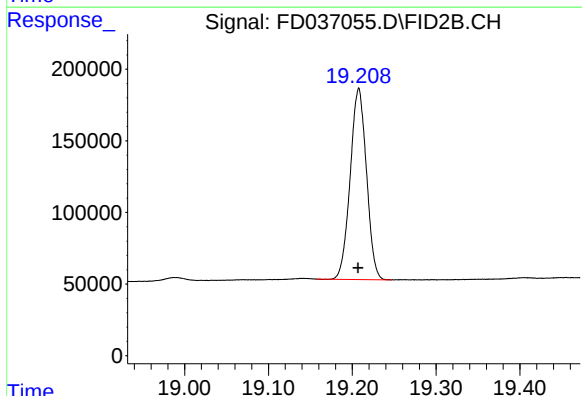
R.T.: 17.602 min
Delta R.T.: 0.001 min
Response: 1824881
Conc: 18.98 ug/ml

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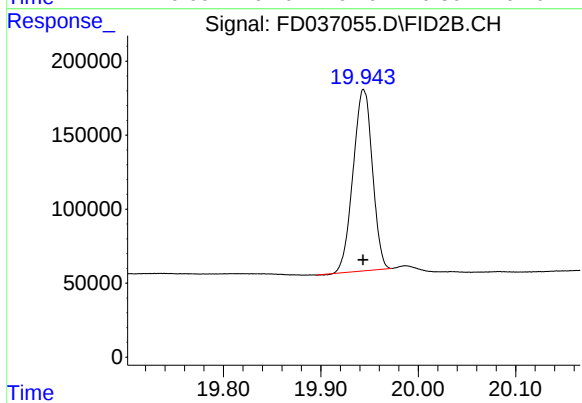
#18 n-Dotriacontane (C32)

R.T.: 18.429 min
Delta R.T.: 0.001 min
Response: 1846766
Conc: 18.78 ug/ml



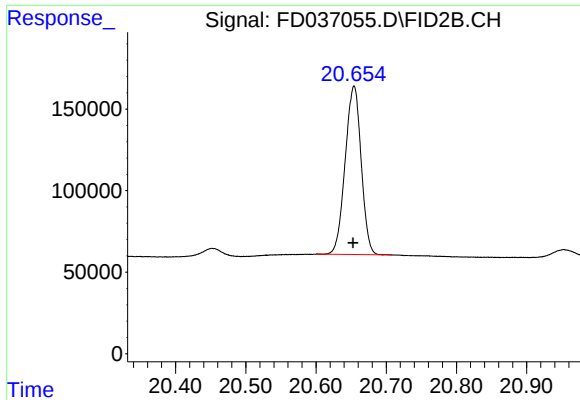
#19 n-Tetratriacontane (C34)

R.T.: 19.208 min
Delta R.T.: 0.000 min
Response: 1802258
Conc: 18.99 ug/ml



#20 n-Hexatriacontane (C36)

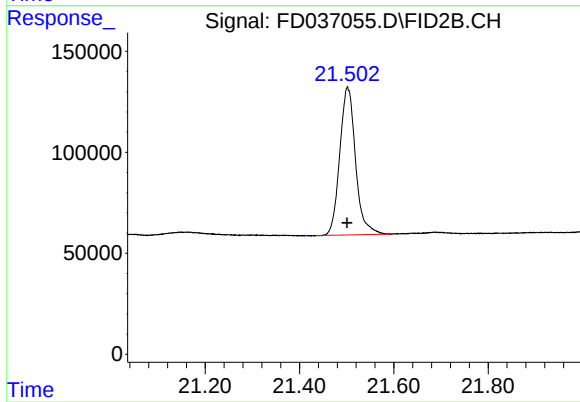
R.T.: 19.944 min
Delta R.T.: 0.000 min
Response: 1685090
Conc: 17.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.654 min
Delta R.T.: 0.002 min
Response: 1634748
Conc: 18.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.502 min
Delta R.T.: 0.000 min
Response: 1702069
Conc: 17.74 ug/ml