

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090820AL\
 Data File : FD034671.D
 Signal(s) : FID2B.CH
 Acq On : 08 Sep 2020 15:26
 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: sample.E
 Quant Time: Sep 09 01:46:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 01:55:21 2020
 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)	11.594	2472877	20.013 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
12) S 1-chlorooctadecane (S...	13.024	1922431	19.628 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
Target Compounds			
1) T n-Nonane (C9)	3.371	2244996	20.677 ug/ml
2) T n-Decane (C10)	4.438	2271624	20.731 ug/ml
3) T A~Naphthalene (C11.7)	6.023	2505201	20.814 ug/ml
4) T n-Dodecane (C12)	6.452	2329584	20.889 ug/ml
5) T A~2-methylnaphthalene...	7.076	2566960	20.866 ug/ml
6) T n-Tetradecane (C14)	8.242	2329169	20.718 ug/ml
7) T n-Hexadecane (C16)	9.838	2277925	20.463 ug/ml
8) T n-Octadecane (C18)	11.275	2345351	20.203 ug/ml
10) T n-Eicosane (C20)	12.580	2325143	19.879 ug/ml
11) T n-Heneicosane (C21)	13.190	2293827	19.666 ug/ml
13) T n-Docosane (C22)	13.773	2273597	19.557 ug/ml
14) T n-Tetracosane (C24)	14.871	2221447	19.223 ug/ml
15) T n-Hexacosane (C26)	15.888	2150014	18.971 ug/ml
16) T n-Octacosane (C28)	16.832	2103230	18.789 ug/ml
17) T n-Tricontane (C30)	17.716	2043356	18.840 ug/ml
18) T n-Dotriacontane (C32)	18.544	1909671	18.952 ug/ml
19) T n-Tetratriacontane (C34)	19.323	1814292	19.213 ug/ml
20) T n-Hexatriacontane (C36)	20.059	1719267	19.790 ug/ml
21) T n-Octatriacontane (C38)	20.787	1637347	19.953 ug/ml
22) T n-Tetracontane (C40)	21.688	1674950	19.729 ug/ml

(f)=RT Delta > 1/2 Window

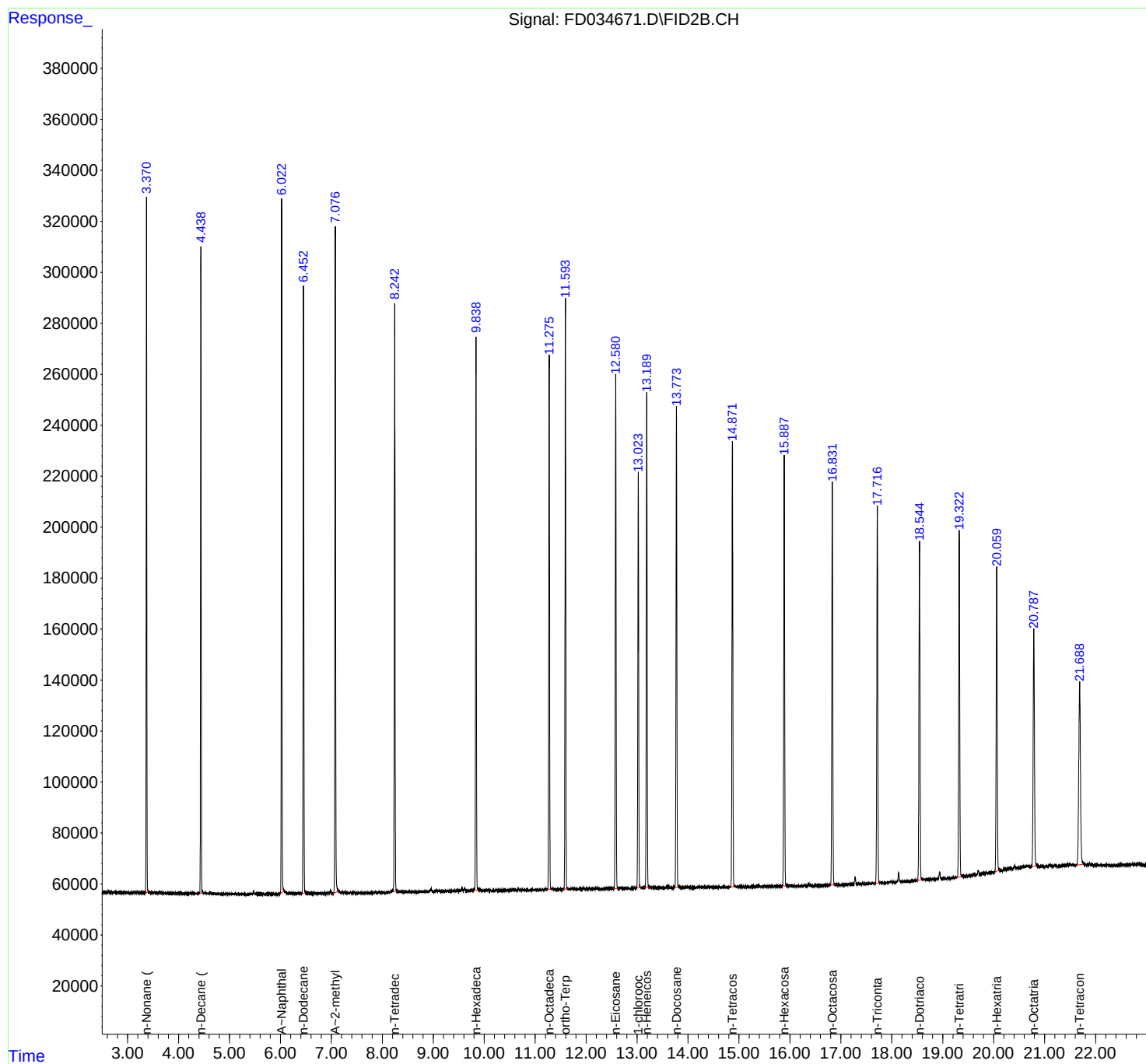
(m)=manual int.

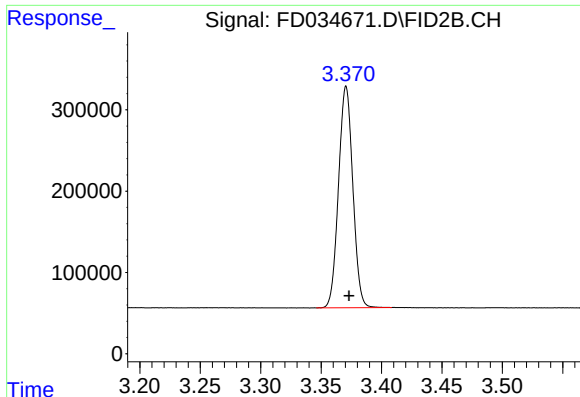
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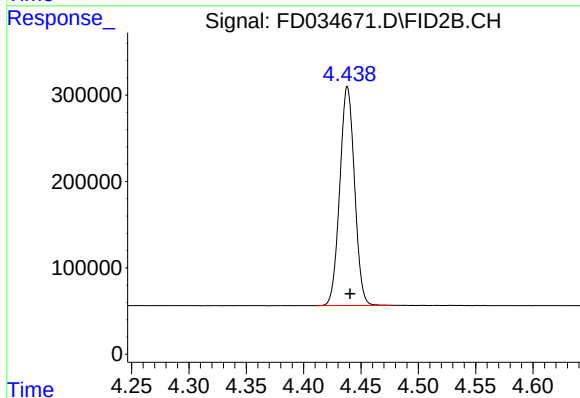




#1 n-Nonane (C9)

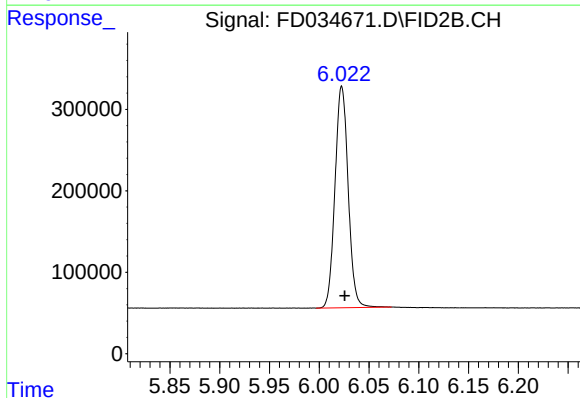
R.T.: 3.371 min
Delta R.T.: -0.002 min
Response: 2244996
Conc: 20.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



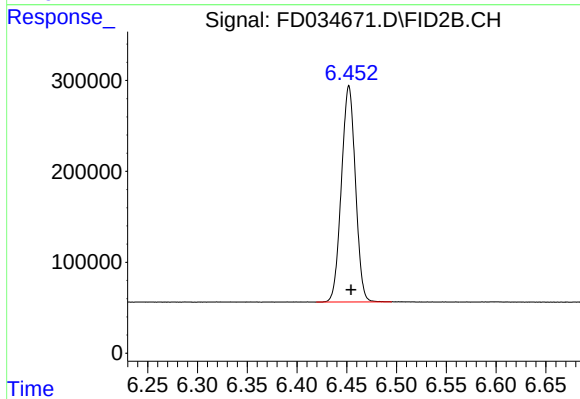
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.002 min
Response: 2271624
Conc: 20.73 ug/ml



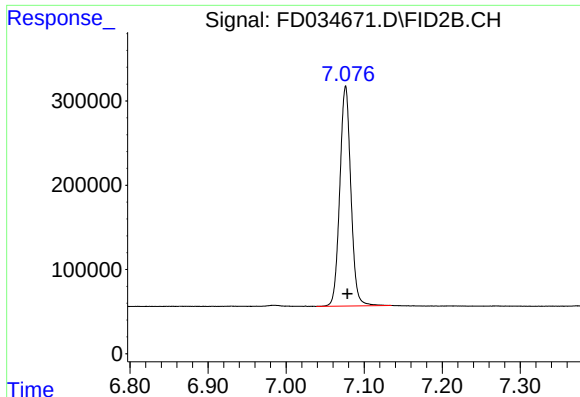
#3 A~Naphthalene (C11.7)

R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 2505201
Conc: 20.81 ug/ml



#4 n-Dodecane (C12)

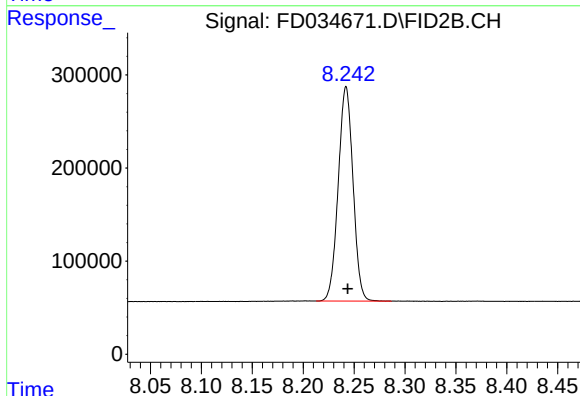
R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 2329584
Conc: 20.89 ug/ml



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

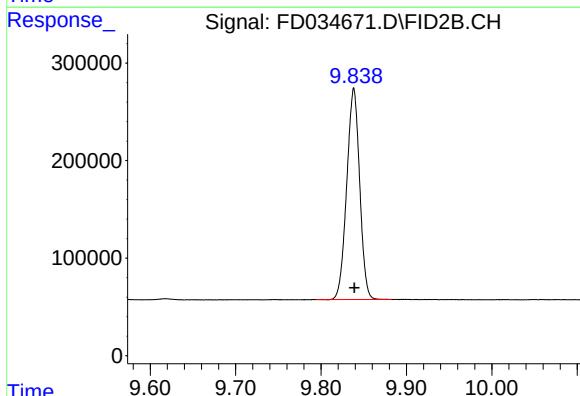
R.T.: 7.076 min
Delta R.T.: -0.002 min
Response: 2566960
Conc: 20.87 ug/ml

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20 PPM ALIPHATIC HC STD



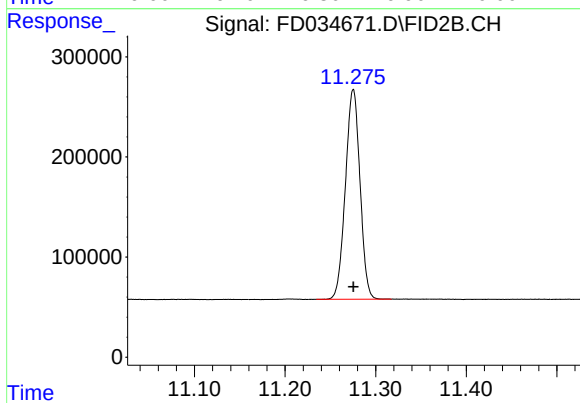
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: -0.002 min
Response: 2329169
Conc: 20.72 ug/ml



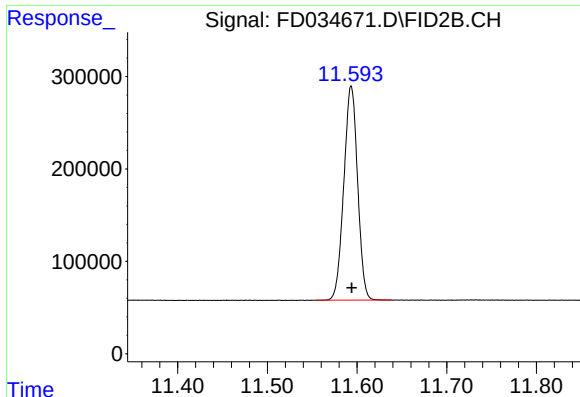
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.000 min
Response: 2277925
Conc: 20.46 ug/ml



#8 n-Octadecane (C18)

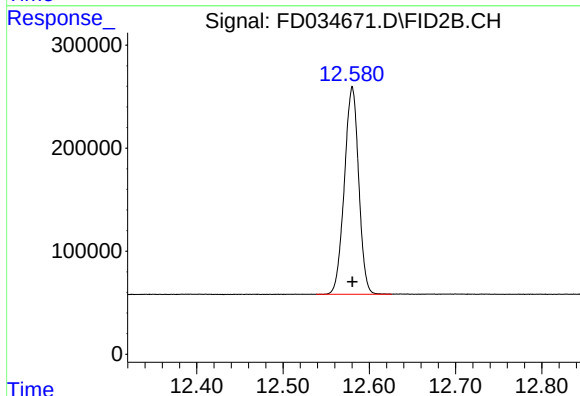
R.T.: 11.275 min
Delta R.T.: 0.000 min
Response: 2345351
Conc: 20.20 ug/ml



#9 ortho-Terphenyl (SURR)

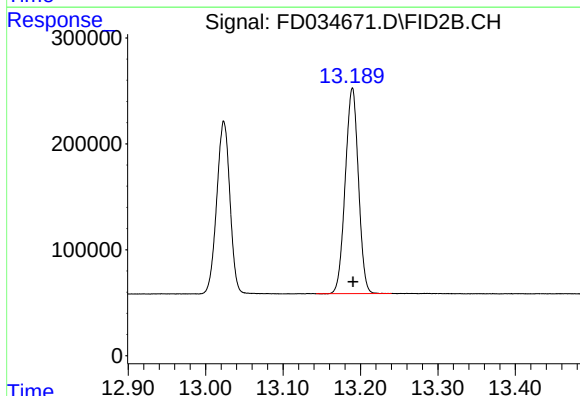
R.T.: 11.594 min
Delta R.T.: 0.000 min
Response: 2472877
Conc: 20.01 ug/ml

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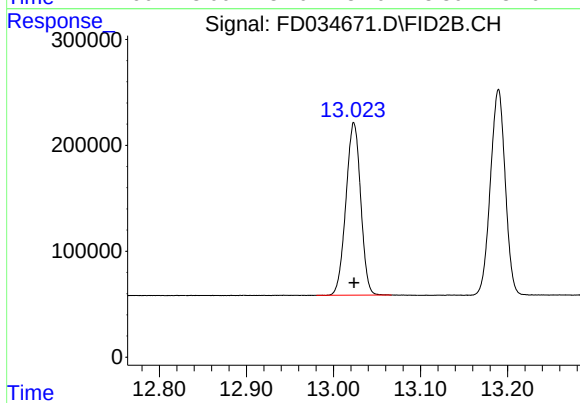
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: 0.000 min
Response: 2325143
Conc: 19.88 ug/ml



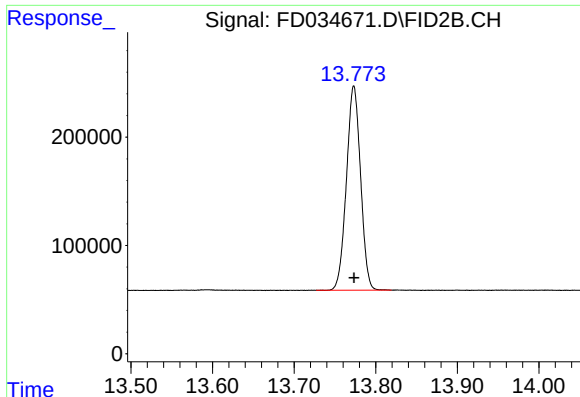
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: 0.000 min
Response: 2293827
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

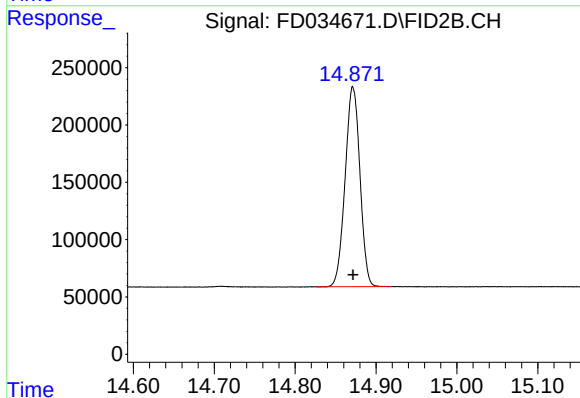
R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 1922431
Conc: 19.63 ug/ml



#13 n-Docosane (C22)

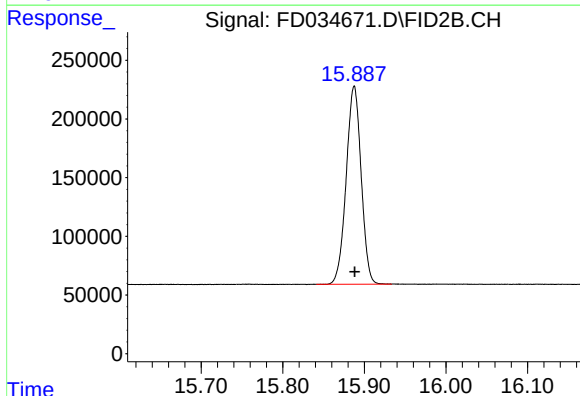
R.T.: 13.773 min
Delta R.T.: 0.000 min
Response: 2273597
Conc: 19.56 ug/ml

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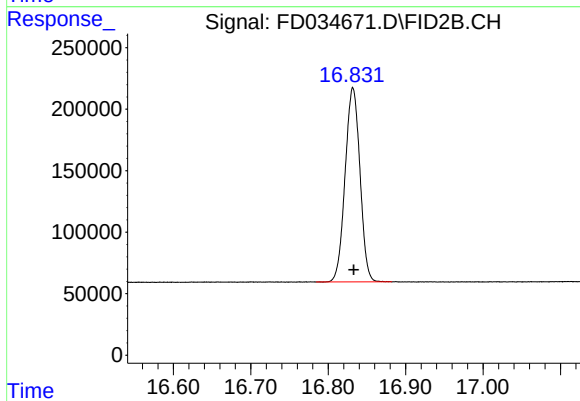
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: 0.000 min
Response: 2221447
Conc: 19.22 ug/ml



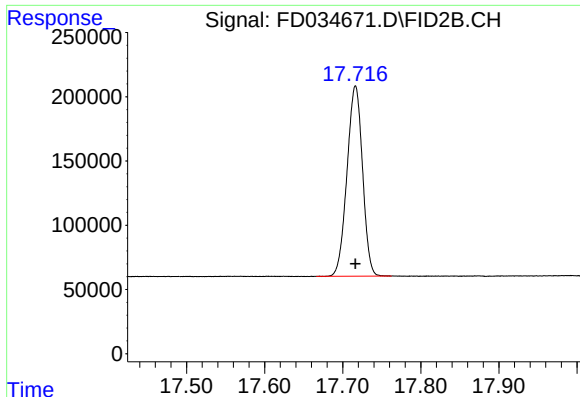
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.000 min
Response: 2150014
Conc: 18.97 ug/ml



#16 n-Octacosane (C28)

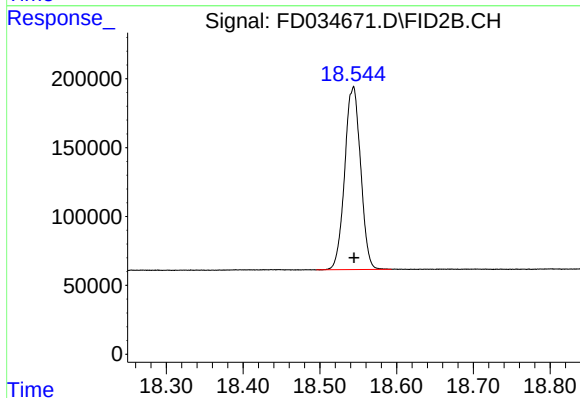
R.T.: 16.832 min
Delta R.T.: 0.000 min
Response: 2103230
Conc: 18.79 ug/ml



#17 n-Tricontane (C30)

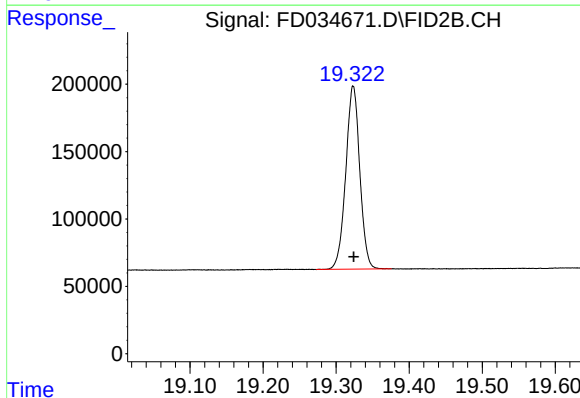
R.T.: 17.716 min
Delta R.T.: 0.000 min
Response: 2043356
Conc: 18.84 ug/ml

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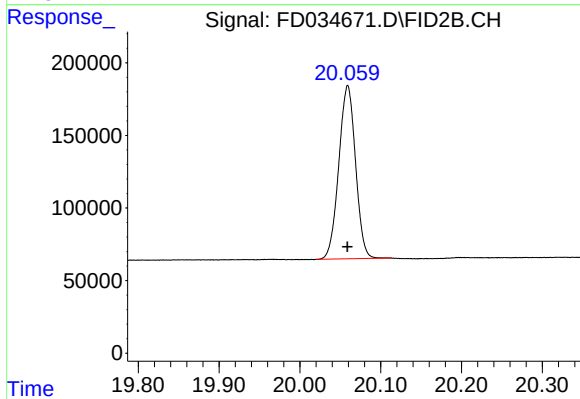
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.001 min
Response: 1909671
Conc: 18.95 ug/ml



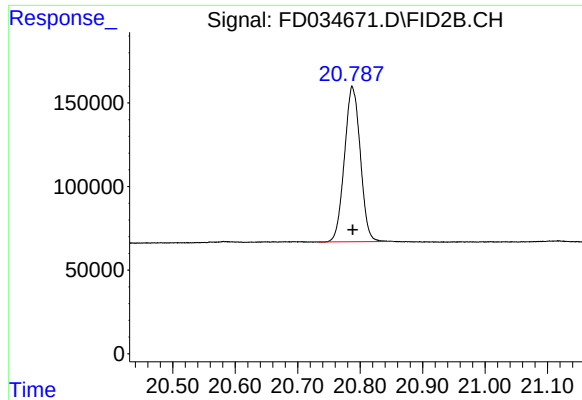
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min
Delta R.T.: 0.000 min
Response: 1814292
Conc: 19.21 ug/ml



#20 n-Hexatriacontane (C36)

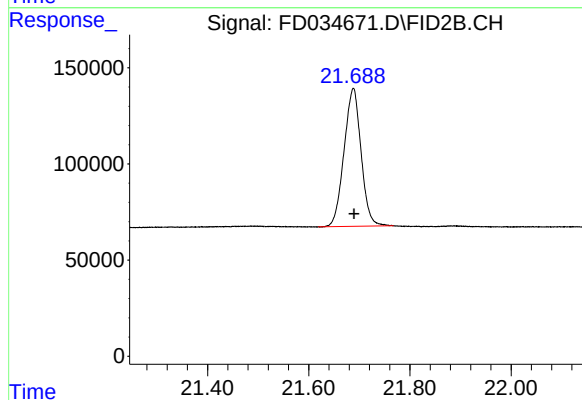
R.T.: 20.059 min
Delta R.T.: 0.000 min
Response: 1719267
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: 0.000 min
Response: 1637347
Conc: 19.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.688 min
Delta R.T.: -0.001 min
Response: 1674950
Conc: 19.73 ug/ml