

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101719AL\
 Data File : FD031081.D
 Signal(s) : FID2B.CH
 Acq On : 17 Oct 2019 23:21
 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

Manual Integrations
 APPROVED

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 10/18/2019 4:18:35 PM

Integration File: sample.E
 Quant Time: Oct 18 03:14:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 2019
 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)	11.439	2376476	18.949 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
12) S 1-chlorooctadecane (S...	12.868	1772438	18.930 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
Target Compounds			
1) T n-Nonane (C9)	3.267	2187258	20.910 ug/ml
2) T n-Decane (C10)	4.323	2202137	21.007 ug/ml
3) T A-Naphthalene (C11.7)	5.893	2398758	20.934 ug/ml
4) T n-Dodecane (C12)	6.326	2209955	20.662 ug/ml
5) T A~2-methylnaphthalene...	6.942	2406952	20.880 ug/ml
6) T n-Tetradecane (C14)	8.109	2184868	20.315 ug/ml
7) T n-Hexadecane (C16)	9.698	2155887	20.019 ug/ml
8) T n-Octadecane (C18)	11.129	2126616	19.451 ug/ml
10) T n-Eicosane (C20)	12.428	2085981	19.077 ug/ml
11) T n-Heneicosane (C21)	13.035	2075325	18.882 ug/ml
13) T n-Docosane (C22)	13.617	2051230	18.756 ug/ml
14) T n-Tetracosane (C24)	14.711	2018275	18.481 ug/ml
15) T n-Hexacosane (C26)	15.724	1949694	18.016 ug/ml
16) T n-Octacosane (C28)	16.665	1917427	17.861 ug/ml
17) T n-Tricontane (C30)	17.546	1942052	18.231 ug/ml
18) T n-Dotriacontane (C32)	18.370	1906371	18.518 ug/ml
19) T n-Tetratriacontane (C34)	19.147	1888851	19.220 ug/ml
20) T n-Hexatriacontane (C36)	19.880	1802424	19.566 ug/ml
21) T n-Octatriacontane (C38)	20.583	1766892	20.417 ug/ml
22) T n-Tetracontane (C40)	21.412	1917011	21.574 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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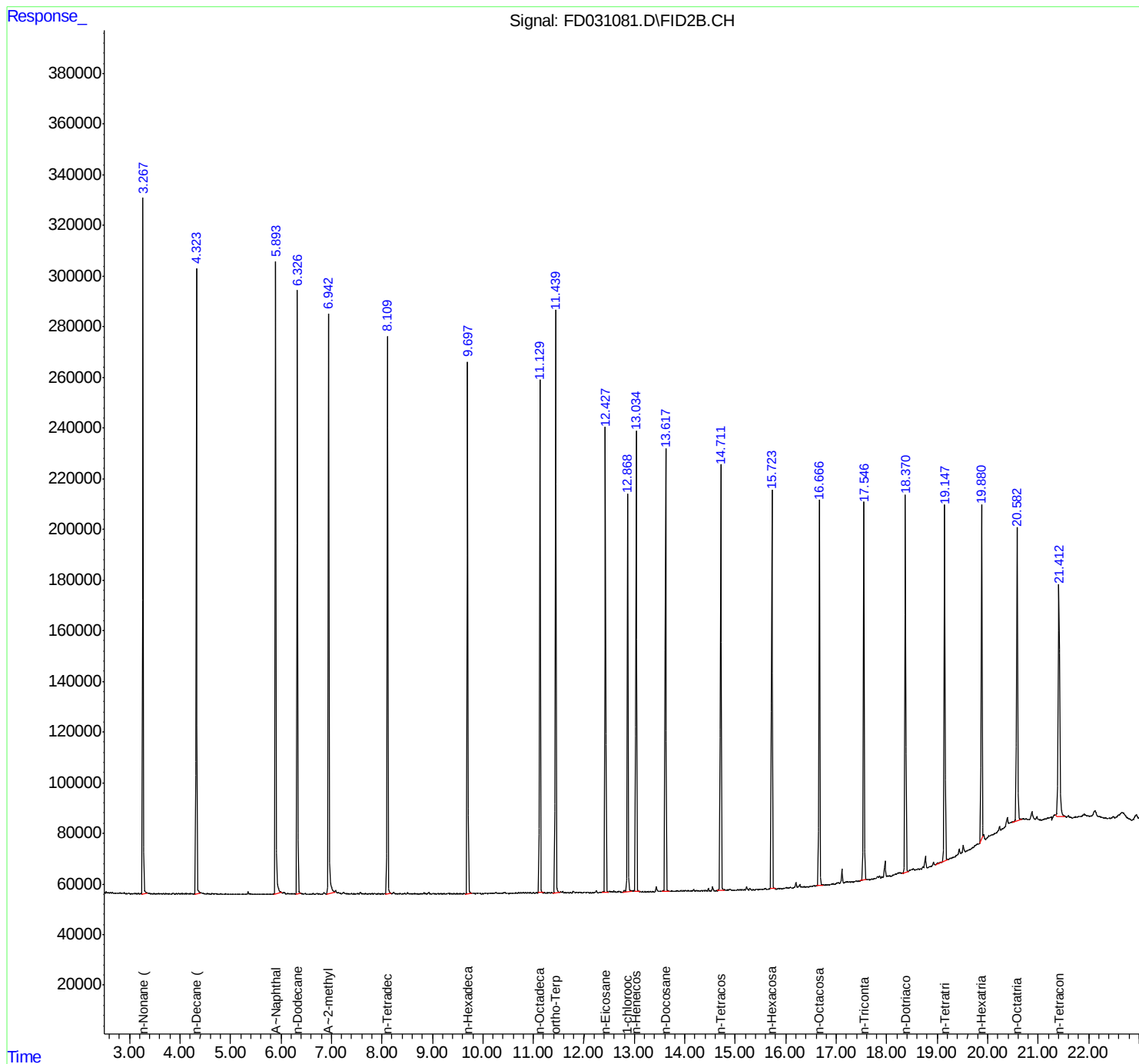
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20 PPM ALIPHATIC HC STD

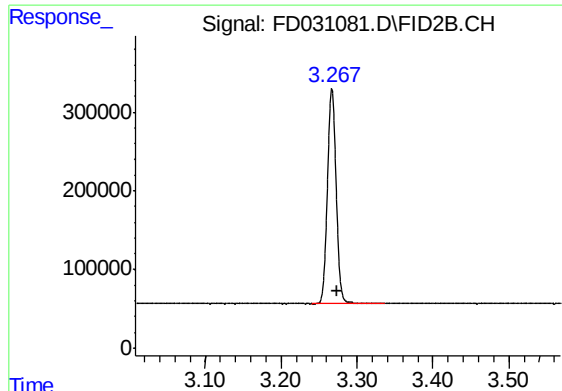
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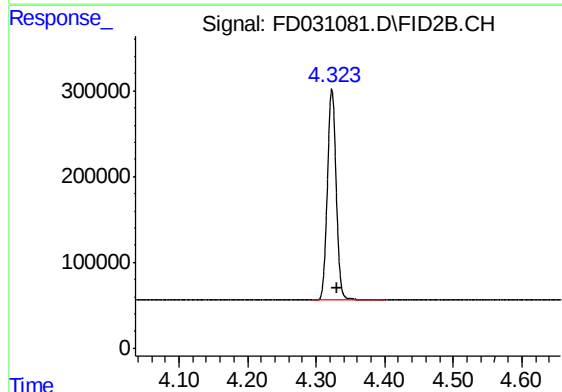
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: -0.007 min
Response: 2187258
Conc: 20.91 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

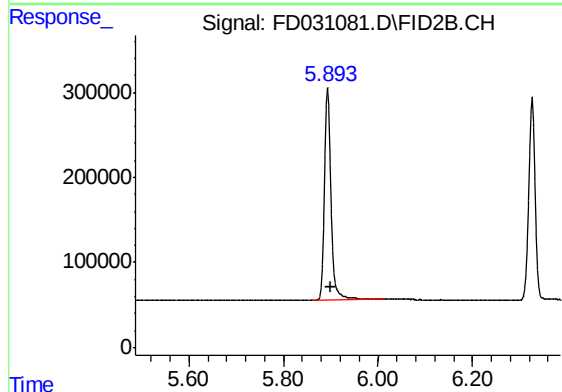
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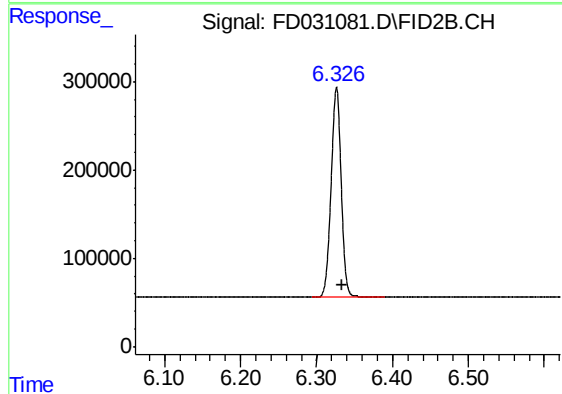
#2 n-Decane (C10)

R.T.: 4.323 min
Delta R.T.: -0.008 min
Response: 2202137
Conc: 21.01 ug/ml



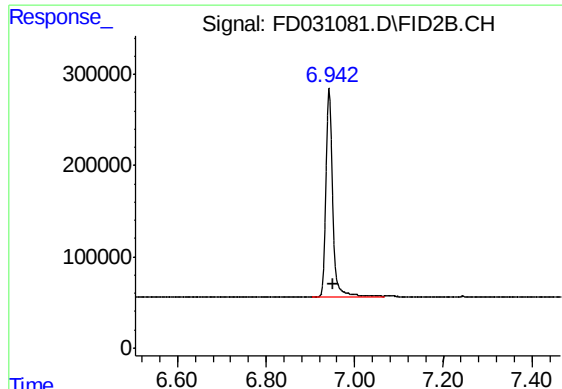
#3 A~Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.007 min
Response: 2398758
Conc: 20.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.326 min
Delta R.T.: -0.008 min
Response: 2209955
Conc: 20.66 ug/ml



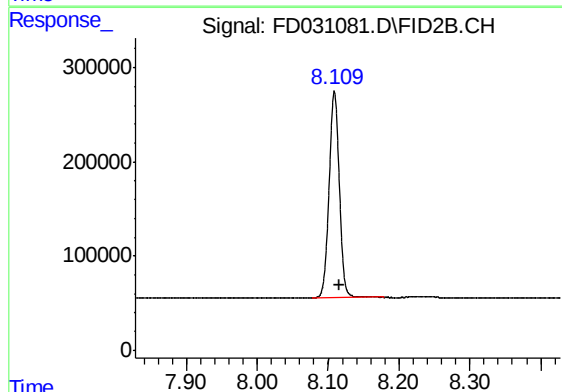
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.942 min
Delta R.T.: -0.008 min
Response: 2406952
Conc: 20.88 ug/ml

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20 PPM ALIPHATIC HC STD

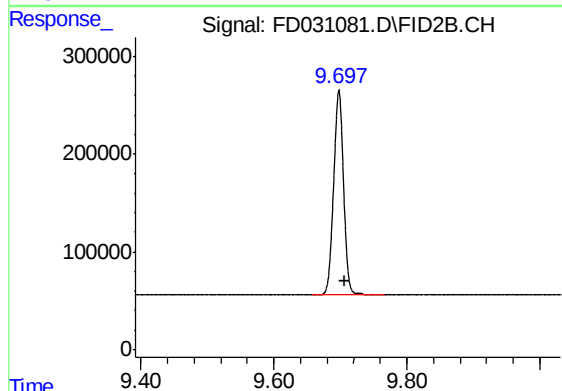
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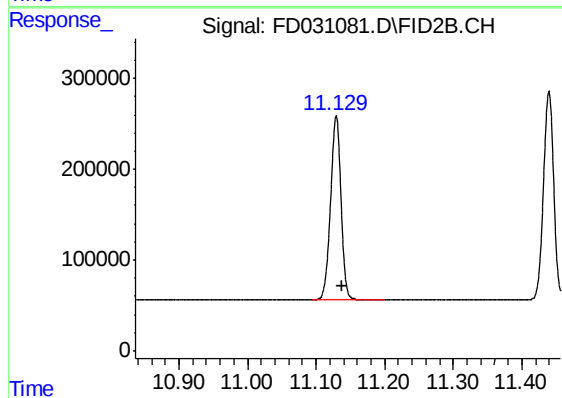
#6 n-Tetradecane (C14)

R.T.: 8.109 min
Delta R.T.: -0.008 min
Response: 2184868
Conc: 20.31 ug/ml



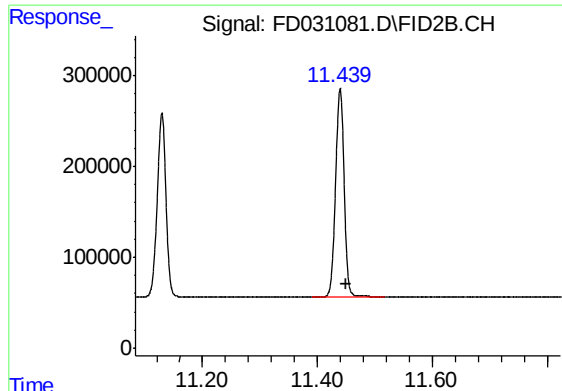
#7 n-Hexadecane (C16)

R.T.: 9.698 min
Delta R.T.: -0.009 min
Response: 2155887
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.129 min
Delta R.T.: -0.010 min
Response: 2126616
Conc: 19.45 ug/ml



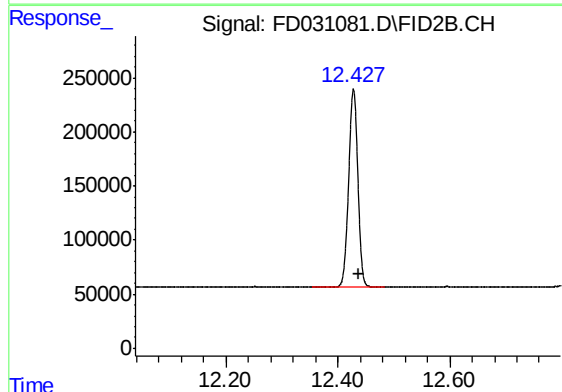
#9 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: -0.011 min
Response: 2376476
Conc: 18.95 ug/ml

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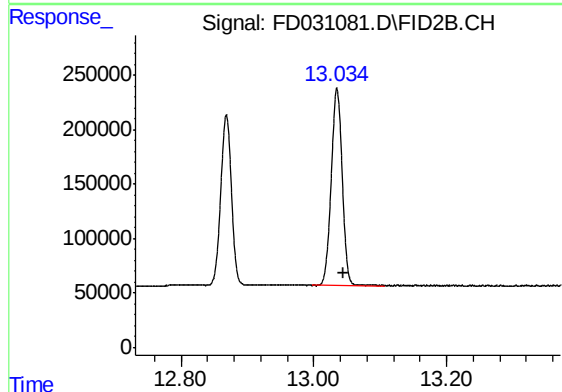
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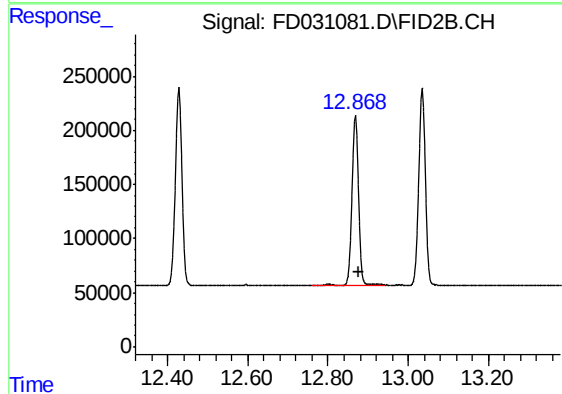
#10 n-Eicosane (C20)

R.T.: 12.428 min
Delta R.T.: -0.009 min
Response: 2085981
Conc: 19.08 ug/ml



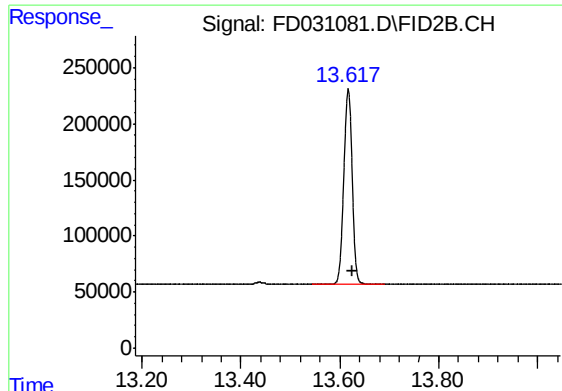
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: -0.009 min
Response: 2075325
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.868 min
Delta R.T.: -0.008 min
Response: 1772438
Conc: 18.93 ug/ml



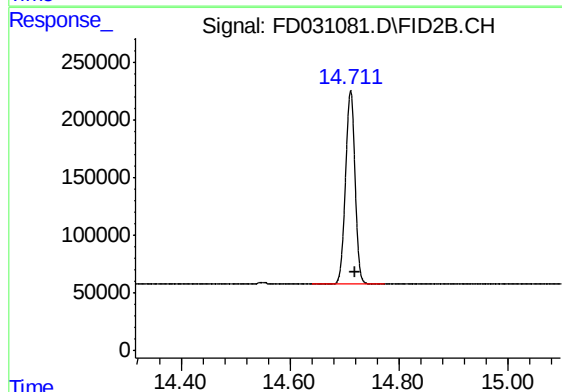
#13 n-Docosane (C22)

R.T.: 13.617 min
Delta R.T.: -0.008 min
Response: 2051230
Conc: 18.76 ug/ml

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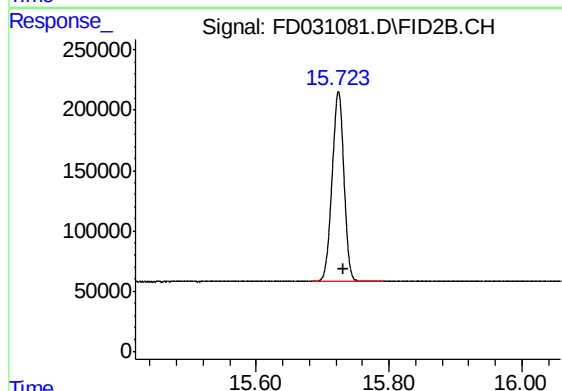
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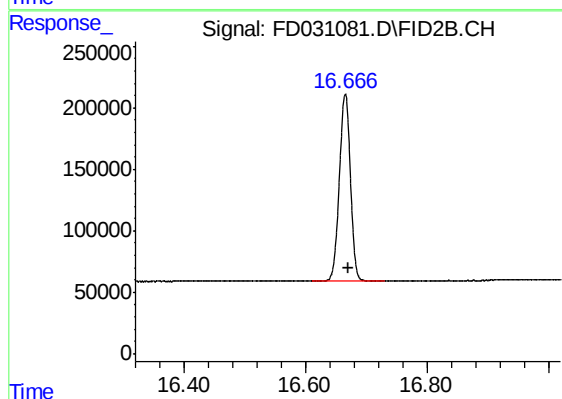
#14 n-Tetracosane (C24)

R.T.: 14.711 min
Delta R.T.: -0.008 min
Response: 2018275
Conc: 18.48 ug/ml



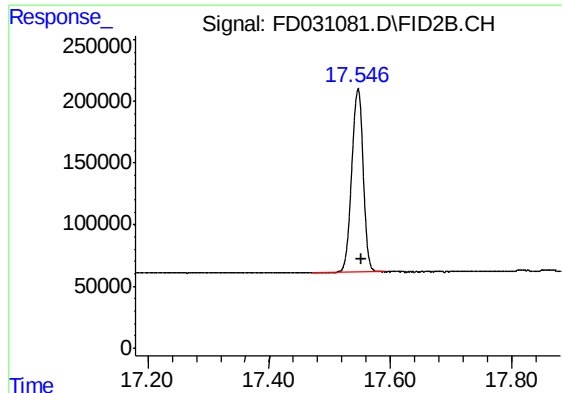
#15 n-Hexacosane (C26)

R.T.: 15.724 min
Delta R.T.: -0.007 min
Response: 1949694
Conc: 18.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.665 min
Delta R.T.: -0.006 min
Response: 1917427
Conc: 17.86 ug/ml



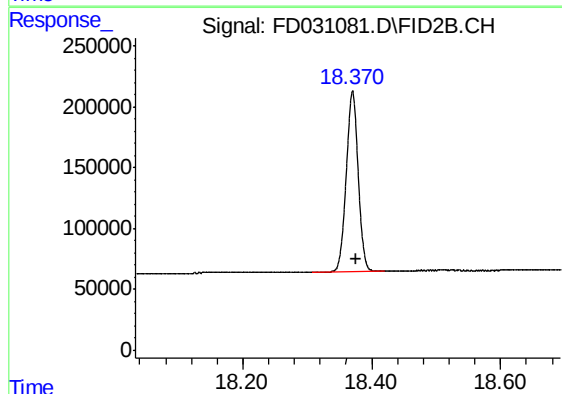
#17 n-Tricontane (C30)

R.T.: 17.546 min
Delta R.T.: -0.005 min
Response: 1942052
Conc: 18.23 ug/ml

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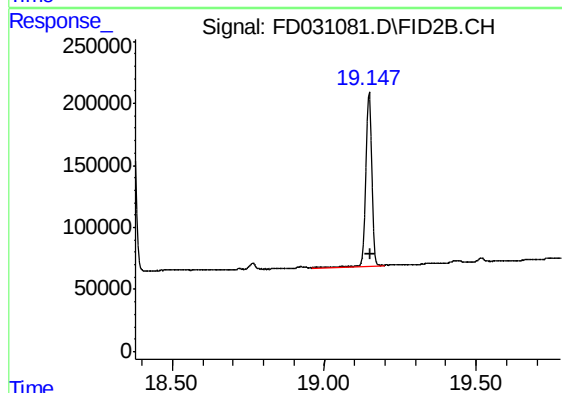
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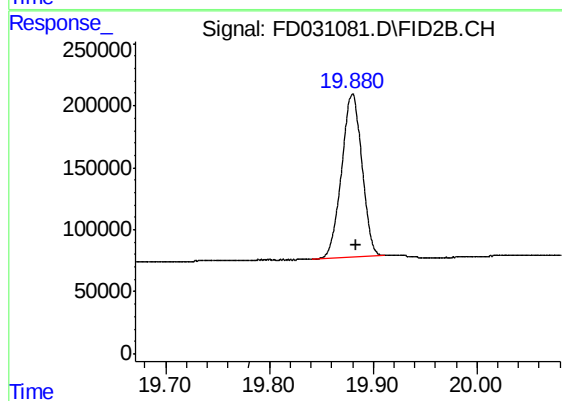
#18 n-Dotriacontane (C32)

R.T.: 18.370 min
Delta R.T.: -0.005 min
Response: 1906371
Conc: 18.52 ug/ml



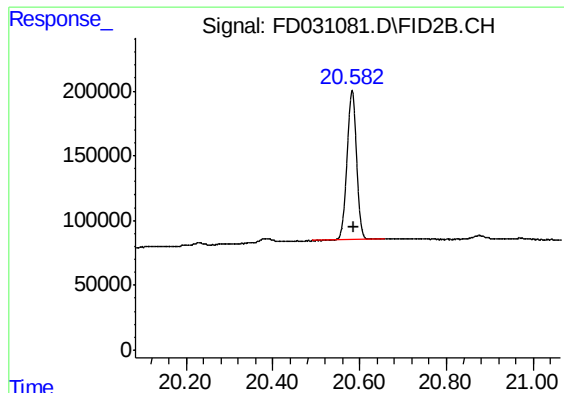
#19 n-Tetatriacontane (C34)

R.T.: 19.147 min
Delta R.T.: -0.004 min
Response: 1888851
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.880 min
Delta R.T.: -0.004 min
Response: 1802424
Conc: 19.57 ug/ml



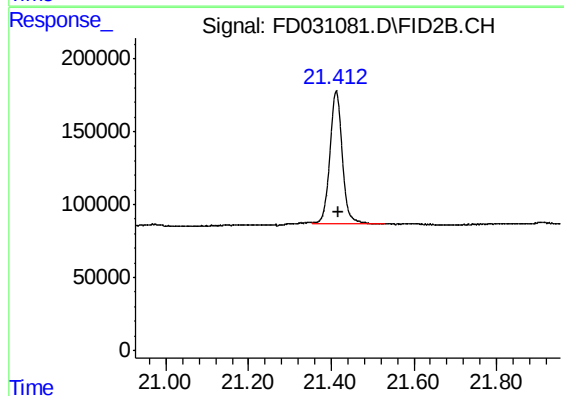
#21 n-Octatriacontane (C38)

R.T.: 20.583 min
Delta R.T.: -0.003 min
Response: 1766892
Conc: 20.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.412 min
Delta R.T.: -0.006 min
Response: 1917011
Conc: 21.57 ug/ml m