

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101719AL\
 Data File : FD031061.D
 Signal(s) : FID2B.CH
 Acq On : 17 Oct 2019 10:24
 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
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 10/18/2019 4:18:25 PM

Integration File: sample.E
 Quant Time: Oct 18 03:09:13 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)	11.443	2378126	18.962 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
12) S 1-chlorooctadecane (S...	12.872	1755074	18.745 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
Target Compounds			
1) T n-Nonane (C9)	3.268	2157060	20.621 ug/ml
2) T n-Decane (C10)	4.324	2164745	20.650 ug/ml
3) T A-Naphthalene (C11.7)	5.895	2369959	20.683 ug/ml
4) T n-Dodecane (C12)	6.328	2188173	20.458 ug/ml
5) T A~2-methylnaphthalene...	6.945	2379176	20.639 ug/ml
6) T n-Tetradecane (C14)	8.111	2177806	20.249 ug/ml
7) T n-Hexadecane (C16)	9.701	2154550	20.006 ug/ml
8) T n-Octadecane (C18)	11.132	2127082	19.456 ug/ml
10) T n-Eicosane (C20)	12.431	2080783	19.029 ug/ml
11) T n-Heneicosane (C21)	13.039	2074622	18.876 ug/ml
13) T n-Docosane (C22)	13.620	2038195	18.637 ug/ml
14) T n-Tetracosane (C24)	14.715	1996880	18.285 ug/ml
15) T n-Hexacosane (C26)	15.728	1924255	17.781 ug/ml
16) T n-Octacosane (C28)	16.670	1885725	17.565 ug/ml
17) T n-Tricontane (C30)	17.549	1885968	17.705 ug/ml
18) T n-Dotriacontane (C32)	18.375	1861982	18.087 ug/mlm
19) T n-Tetratriacontane (C34)	19.152	1848182	18.807 ug/mlm
20) T n-Hexatriacontane (C36)	19.884	1783942	19.366 ug/mlm
21) T n-Octatriacontane (C38)	20.589	1717753	19.849 ug/ml
22) T n-Tetracontane (C40)	21.421	1834720	20.648 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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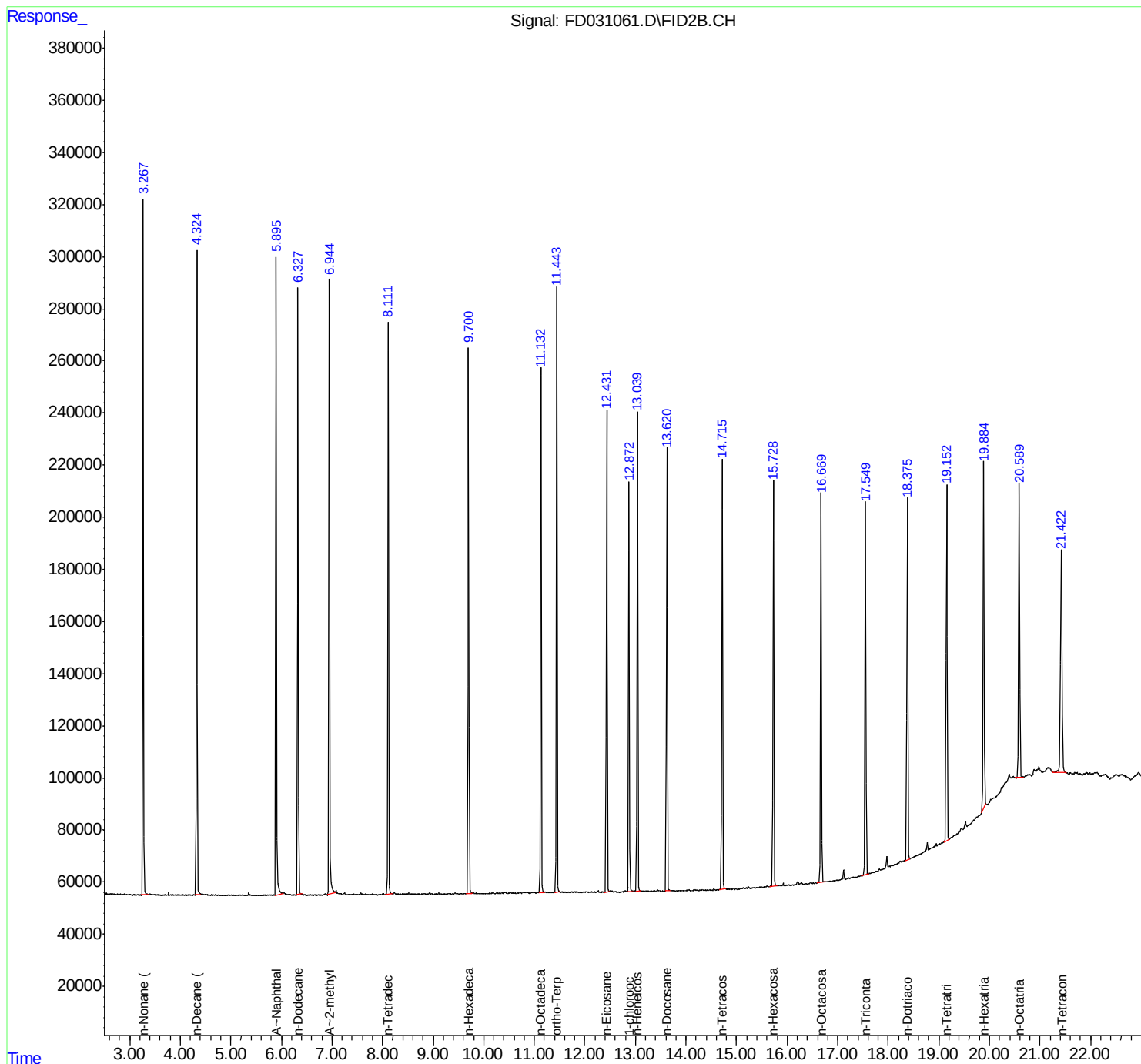
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20 PPM ALIPHATIC HC STD

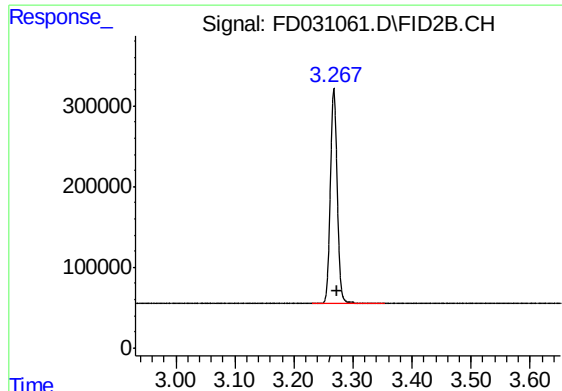
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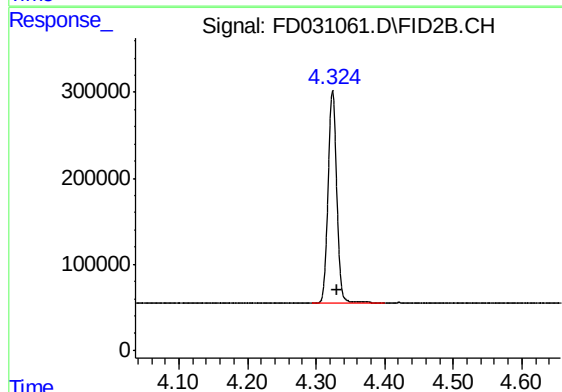
#1 n-Nonane (C9)

R.T.: 3.268 min
Delta R.T.: -0.006 min
Response: 2157060
Conc: 20.62 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD

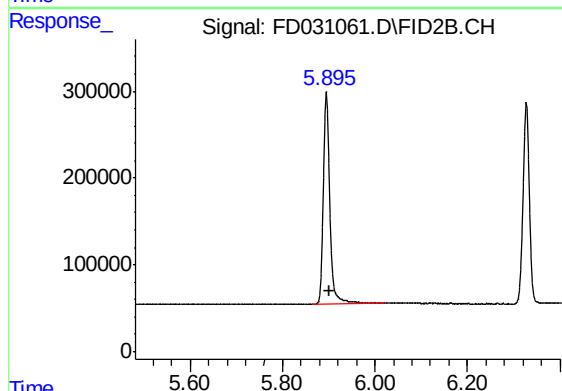
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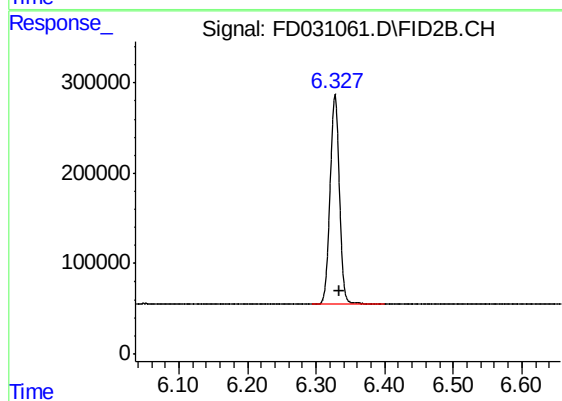
#2 n-Decane (C10)

R.T.: 4.324 min
Delta R.T.: -0.007 min
Response: 2164745
Conc: 20.65 ug/ml



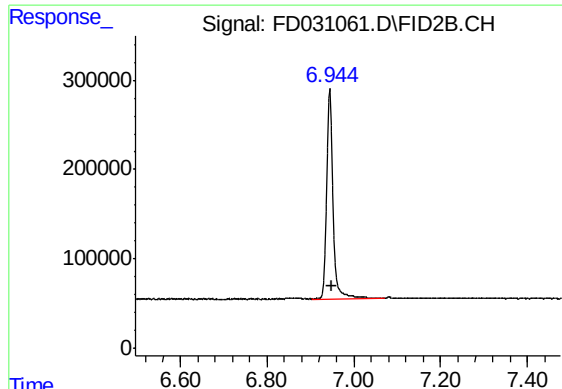
#3 A-Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 2369959
Conc: 20.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.328 min
Delta R.T.: -0.006 min
Response: 2188173
Conc: 20.46 ug/ml



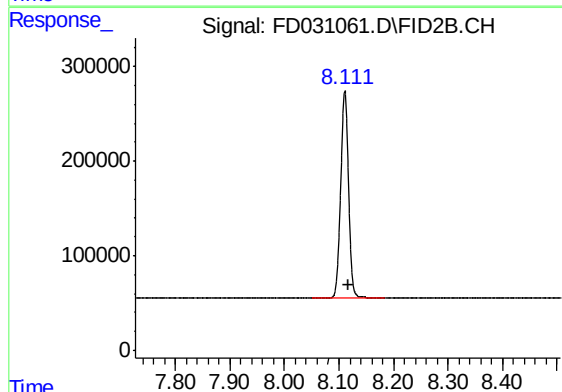
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.006 min
Response: 2379176
Conc: 20.64 ug/ml

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20 PPM ALIPHATIC HC STD

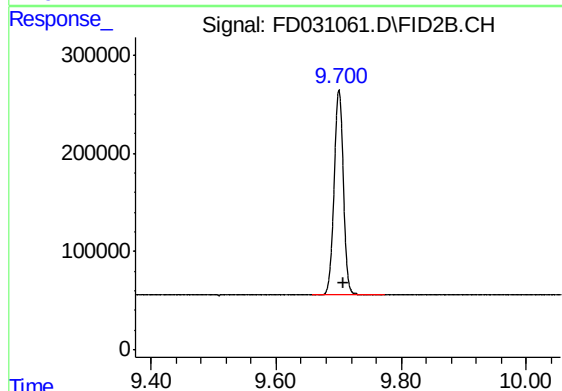
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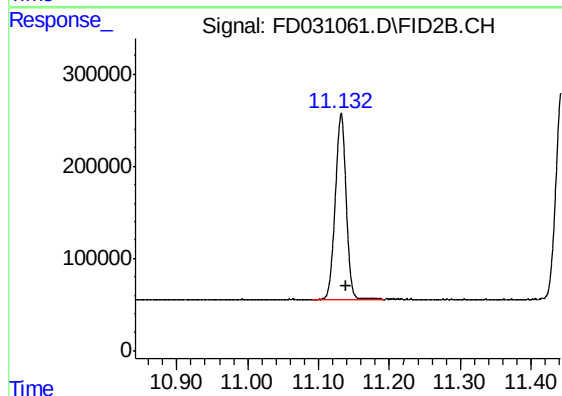
#6 n-Tetradecane (C14)

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 2177806
Conc: 20.25 ug/ml



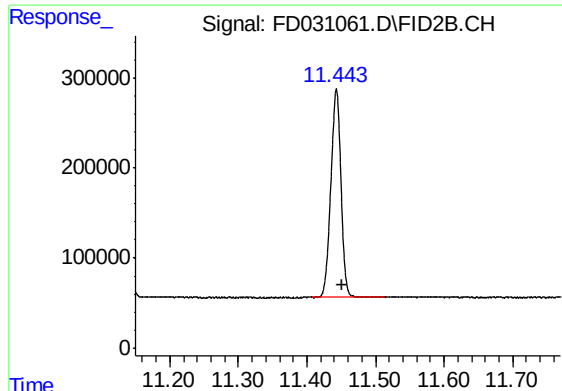
#7 n-Hexadecane (C16)

R.T.: 9.701 min
Delta R.T.: -0.006 min
Response: 2154550
Conc: 20.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.132 min
Delta R.T.: -0.007 min
Response: 2127082
Conc: 19.46 ug/ml



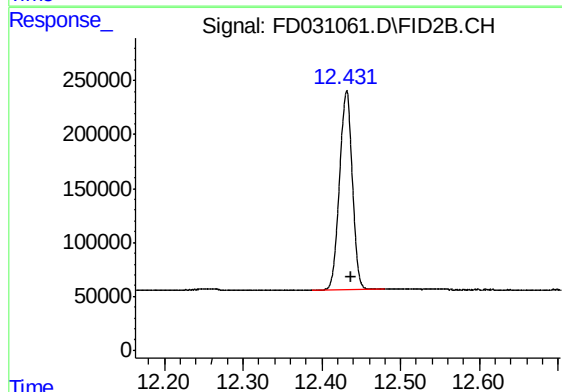
#9 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: -0.008 min
Response: 2378126
Conc: 18.96 ug/ml

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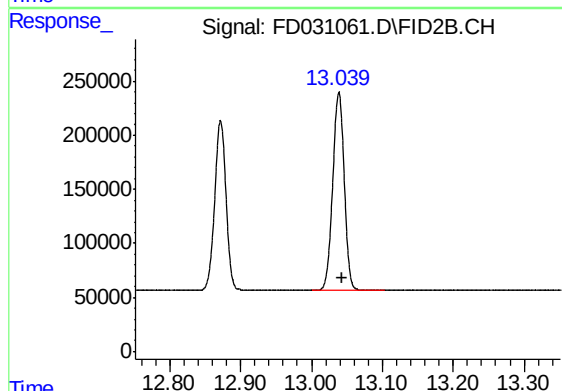
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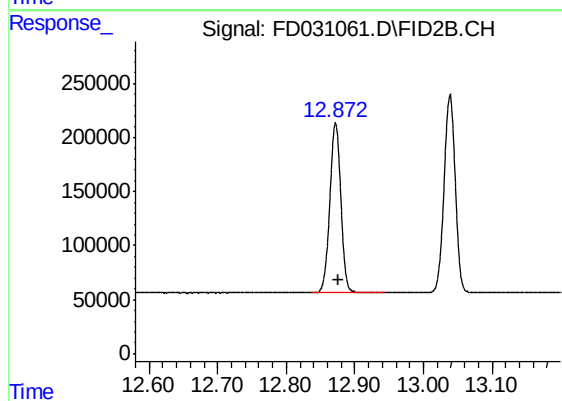
#10 n-Eicosane (C20)

R.T.: 12.431 min
Delta R.T.: -0.005 min
Response: 2080783
Conc: 19.03 ug/ml



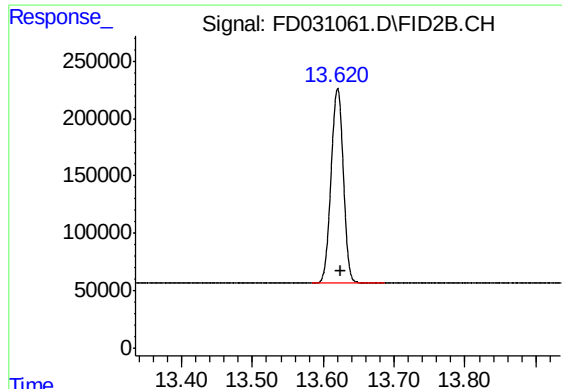
#11 n-Heneicosane (C21)

R.T.: 13.039 min
Delta R.T.: -0.005 min
Response: 2074622
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.872 min
Delta R.T.: -0.005 min
Response: 1755074
Conc: 18.75 ug/ml



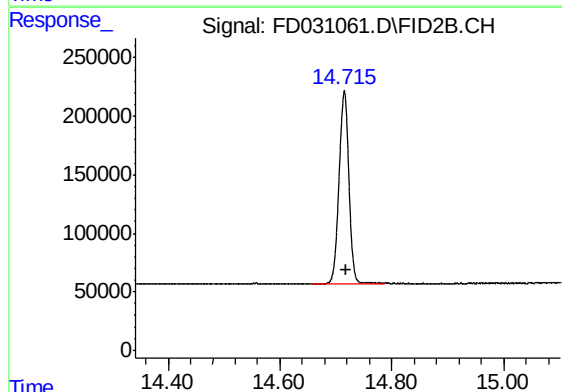
#13 n-Docosane (C22)

R.T.: 13.620 min
Delta R.T.: -0.005 min
Response: 2038195
Conc: 18.64 ug/ml

Instrument :
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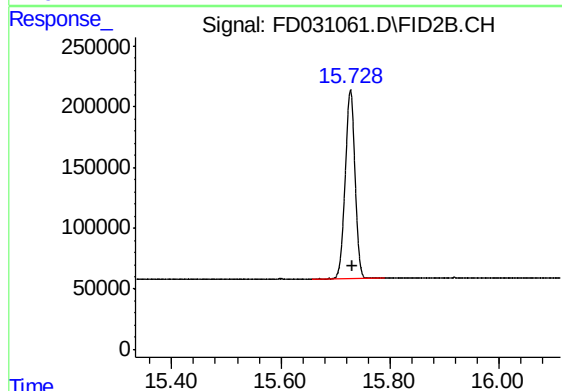
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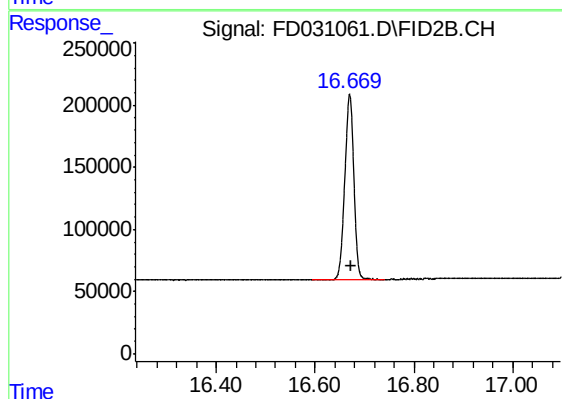
#14 n-Tetracosane (C24)

R.T.: 14.715 min
Delta R.T.: -0.004 min
Response: 1996880
Conc: 18.28 ug/ml



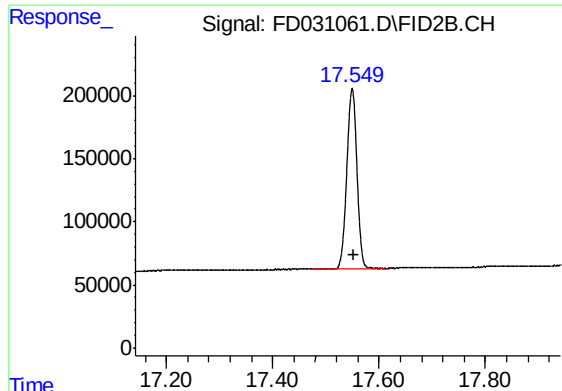
#15 n-Hexacosane (C26)

R.T.: 15.728 min
Delta R.T.: -0.003 min
Response: 1924255
Conc: 17.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.670 min
Delta R.T.: -0.002 min
Response: 1885725
Conc: 17.57 ug/ml



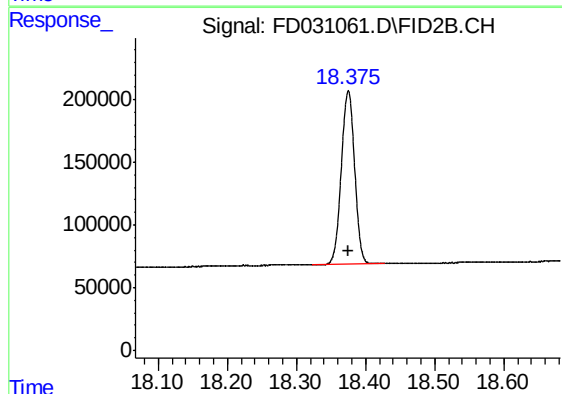
#17 n-Tricontane (C30)

R.T.: 17.549 min
Delta R.T.: -0.002 min
Response: 1885968
Conc: 17.70 ug/ml

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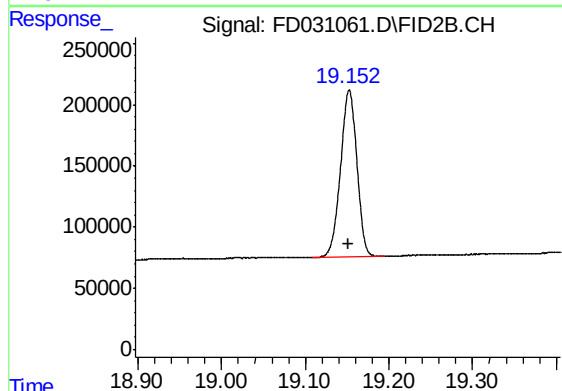
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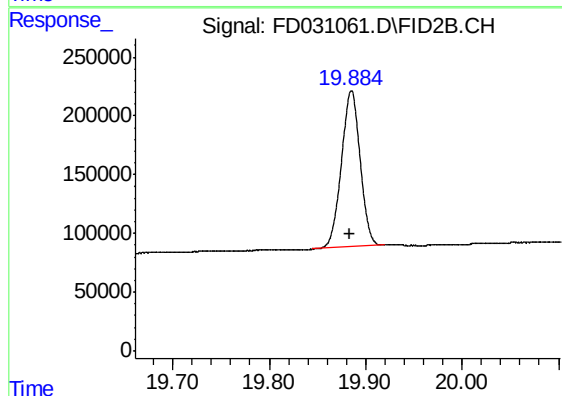
#18 n-Dotriacontane (C32)

R.T.: 18.375 min
Delta R.T.: 0.000 min
Response: 1861982
Conc: 18.09 ug/ml m



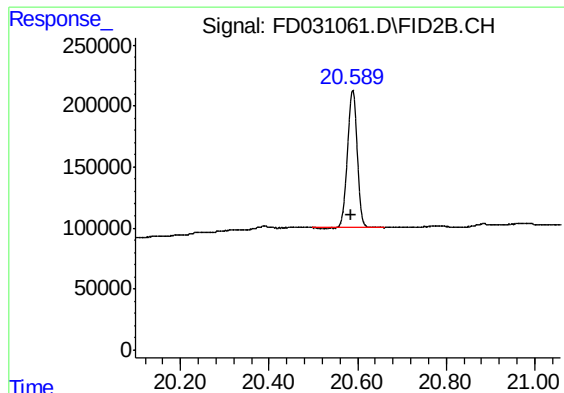
#19 n-Tetatriacontane (C34)

R.T.: 19.152 min
Delta R.T.: 0.000 min
Response: 1848182
Conc: 18.81 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.884 min
Delta R.T.: 0.000 min
Response: 1783942
Conc: 19.37 ug/ml m



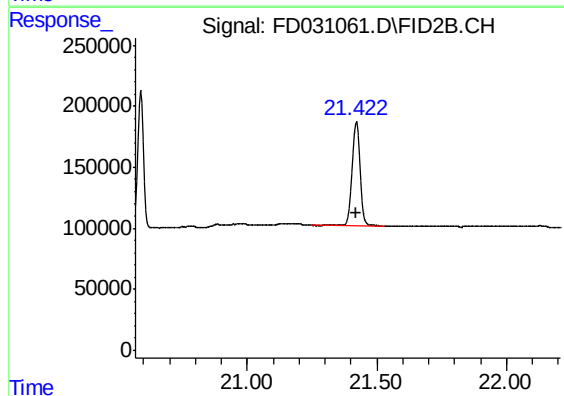
#21 n-Octatriacontane (C38)

R.T.: 20.589 min
Delta R.T.: 0.003 min
Response: 1717753
Conc: 19.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.421 min
Delta R.T.: 0.003 min
Response: 1834720
Conc: 20.65 ug/ml