

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060221AL\
 Data File : FD037644.D
 Signal(s) : FID2B.CH
 Acq On : 02 Jun 2021 11:19
 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

Ankita
 6/3/2021 10:07:59 AM

Integration File: autoint1.e
 Quant Time: Jun 03 03:24:25 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)	11.459	2074123	17.687 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
12) S 1-chlorooctadecane (S...	12.893	1558463	17.151 ug/ml
Spiked Amount 50.000		Recovery =	34.30%
Target Compounds			
1) T n-Nonane (C9)	3.256	1966878	19.493 ug/ml
2) T n-Decane (C10)	4.318	1988591	19.600 ug/ml
3) T A~Naphthalene (C11.7)	5.894	2215177	19.454 ug/ml
4) T n-Dodecane (C12)	6.329	2039884	19.732 ug/ml
5) T A~2-methylnaphthalene...	6.946	2234962	19.305 ug/ml
6) T n-Tetradecane (C14)	8.117	2030331	19.480 ug/ml
7) T n-Hexadecane (C16)	9.711	1960082	18.996 ug/ml
8) T n-Octadecane (C18)	11.148	1982312	18.347 ug/ml
10) T n-Eicosane (C20)	12.453	1930217	17.711 ug/ml
11) T n-Heneicosane (C21)	13.061	1896998	17.425 ug/ml
13) T n-Docosane (C22)	13.645	1871475	17.227 ug/ml
14) T n-Tetracosane (C24)	14.743	1830882	16.897 ug/ml
15) T n-Hexacosane (C26)	15.758	1791239	16.816 ug/ml
16) T n-Octacosane (C28)	16.704	1785839	16.855 ug/ml
17) T n-Tricontane (C30)	17.588	1793606	17.037 ug/ml
18) T n-Dotriacontane (C32)	18.416	1778353	17.073 ug/ml
19) T n-Tetratriacontane (C34)	19.196	1773979	17.453 ug/ml
20) T n-Hexatriacontane (C36)	19.931	1717749	17.611 ug/mlm
21) T n-Octatriacontane (C38)	20.641	1662323	18.082 ug/ml
22) T n-Tetracontane (C40)	21.485	1690880	17.560 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

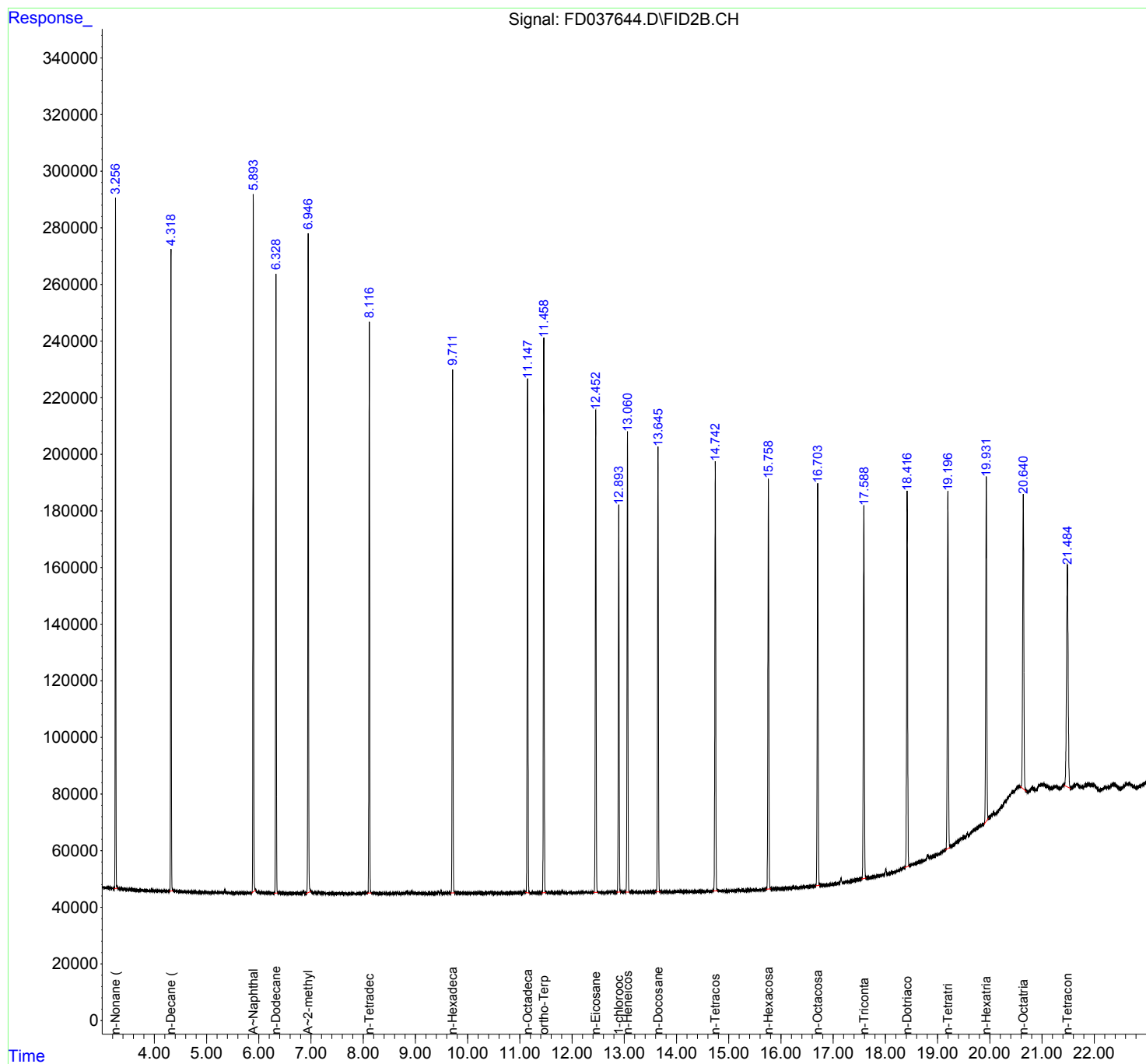
Instrument :
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20 PPM ALIPHATIC HC STD

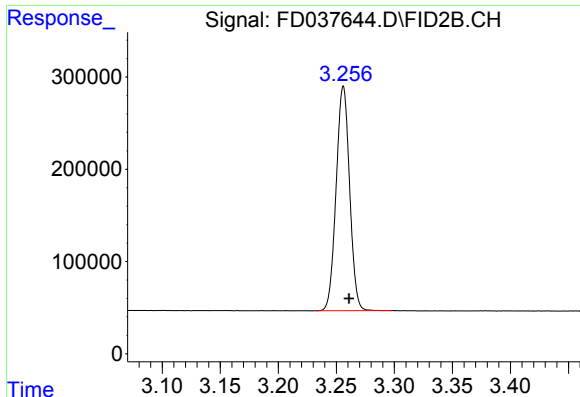
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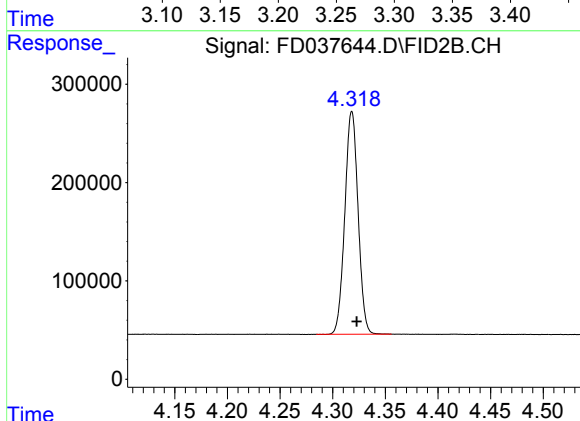
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: -0.005 min
Response: 1966878
Conc: 19.49 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD

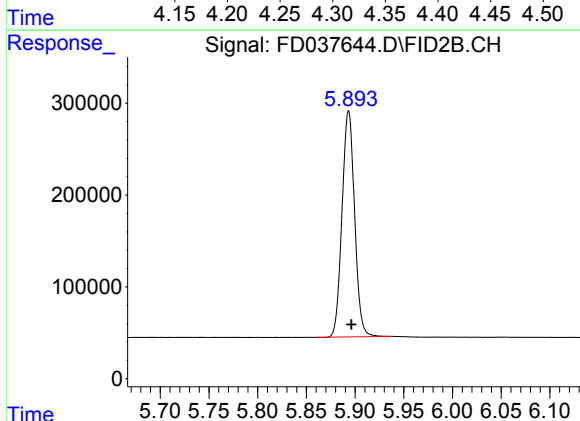
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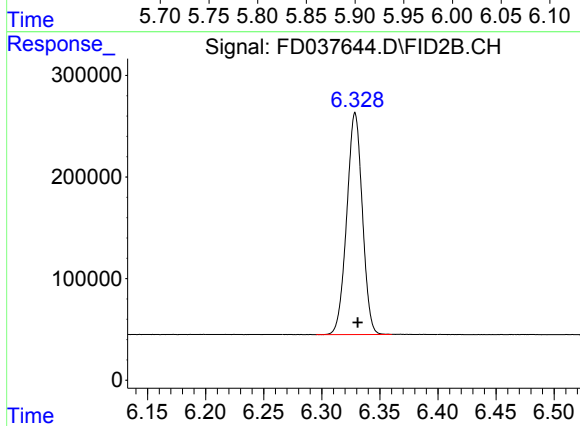
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.005 min
Response: 1988591
Conc: 19.60 ug/ml



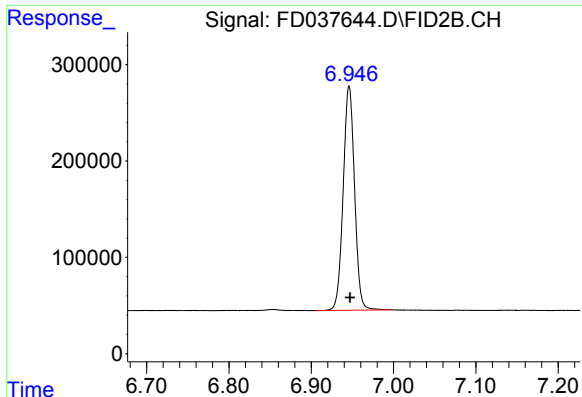
#3 A~Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 2215177
Conc: 19.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 2039884
Conc: 19.73 ug/ml



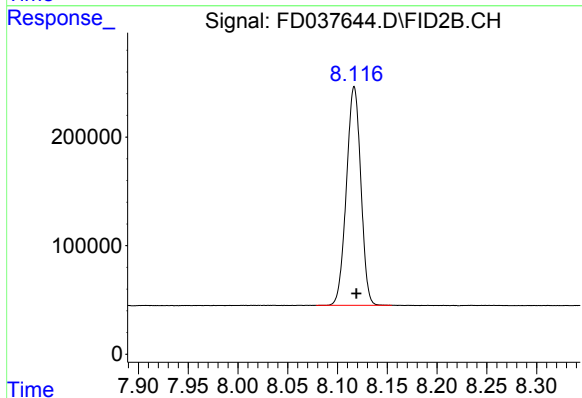
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.001 min
Response: 2234962
Conc: 19.31 ug/ml

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20 PPM ALIPHATIC HC STD

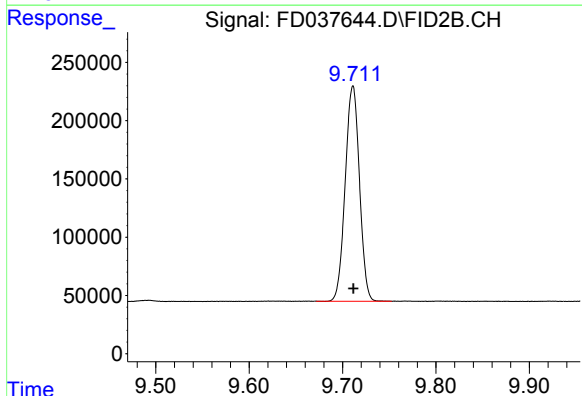
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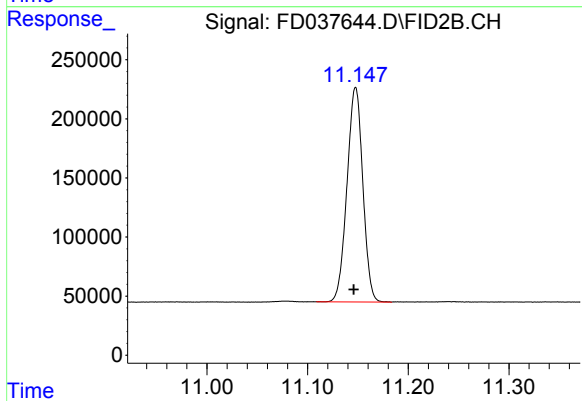
#6 n-Tetradecane (C14)

R.T.: 8.117 min
Delta R.T.: -0.002 min
Response: 2030331
Conc: 19.48 ug/ml



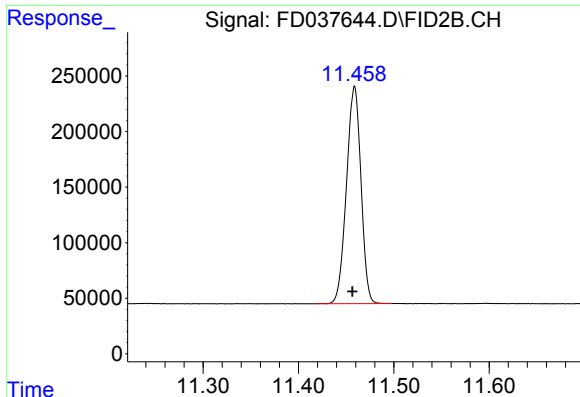
#7 n-Hexadecane (C16)

R.T.: 9.711 min
Delta R.T.: 0.000 min
Response: 1960082
Conc: 19.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.148 min
Delta R.T.: 0.002 min
Response: 1982312
Conc: 18.35 ug/ml



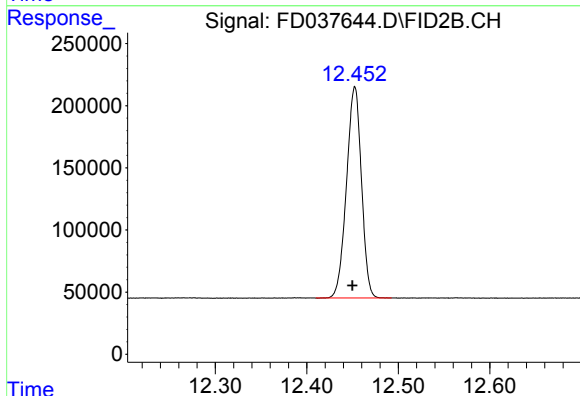
#9 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: 0.003 min
Response: 2074123
Conc: 17.69 ug/ml

Instrument :
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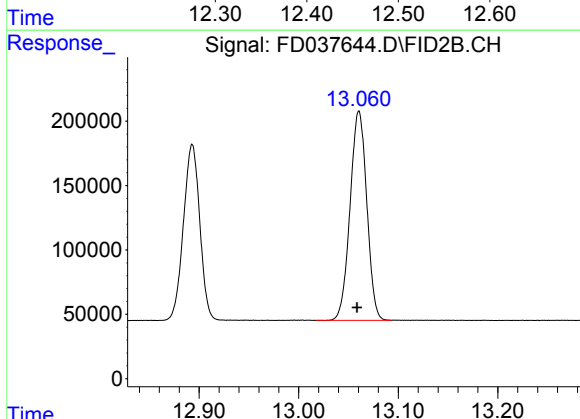
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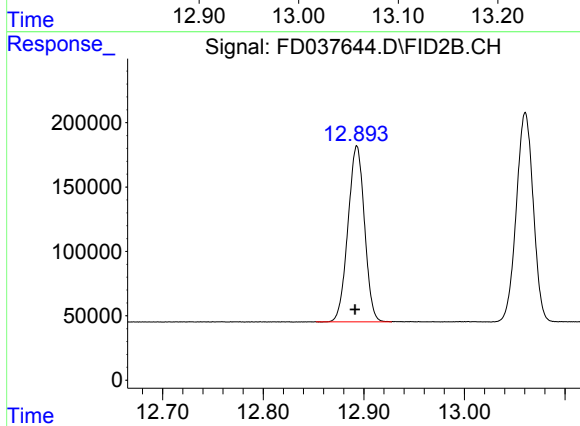
#10 n-Eicosane (C20)

R.T.: 12.453 min
Delta R.T.: 0.003 min
Response: 1930217
Conc: 17.71 ug/ml



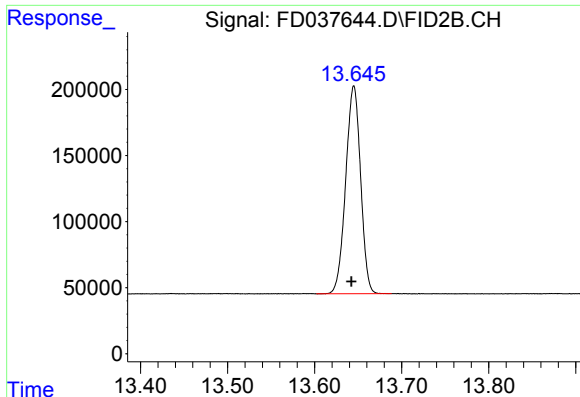
#11 n-Heneicosane (C21)

R.T.: 13.061 min
Delta R.T.: 0.002 min
Response: 1896998
Conc: 17.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.893 min
Delta R.T.: 0.002 min
Response: 1558463
Conc: 17.15 ug/ml



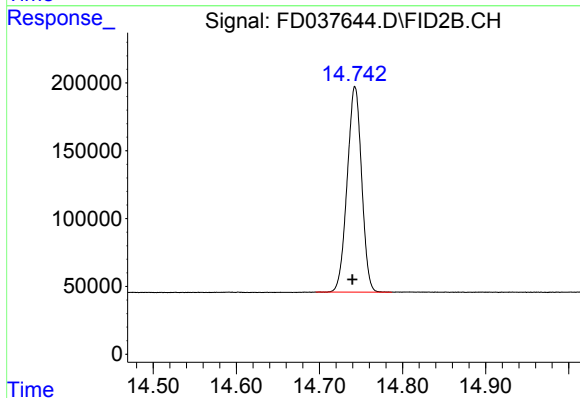
#13 n-Docosane (C22)

R.T.: 13.645 min
Delta R.T.: 0.003 min
Response: 1871475
Conc: 17.23 ug/ml

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20 PPM ALIPHATIC HC STD

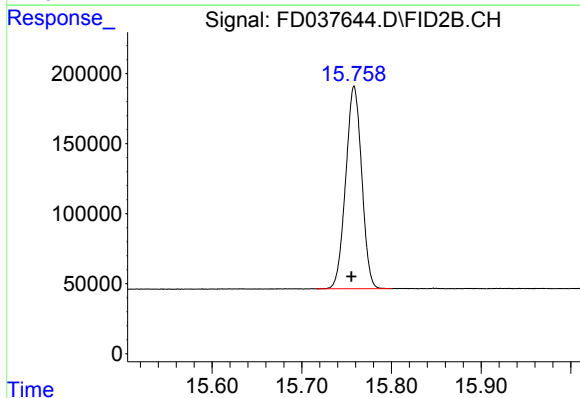
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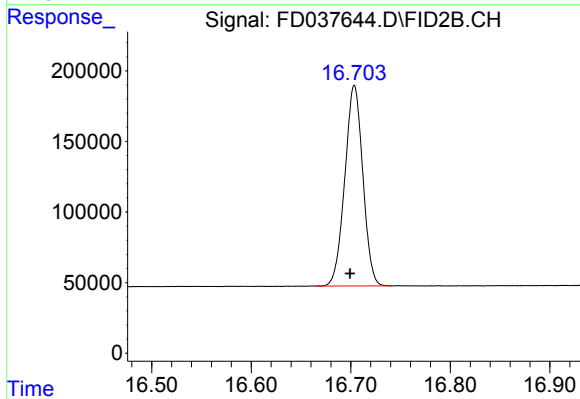
#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: 0.003 min
Response: 1830882
Conc: 16.90 ug/ml



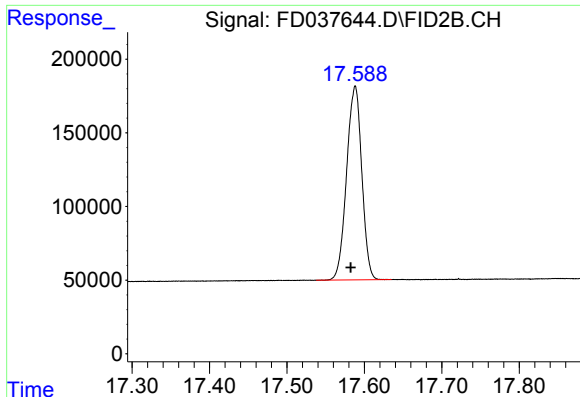
#15 n-Hexacosane (C26)

R.T.: 15.758 min
Delta R.T.: 0.003 min
Response: 1791239
Conc: 16.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.704 min
Delta R.T.: 0.004 min
Response: 1785839
Conc: 16.86 ug/ml



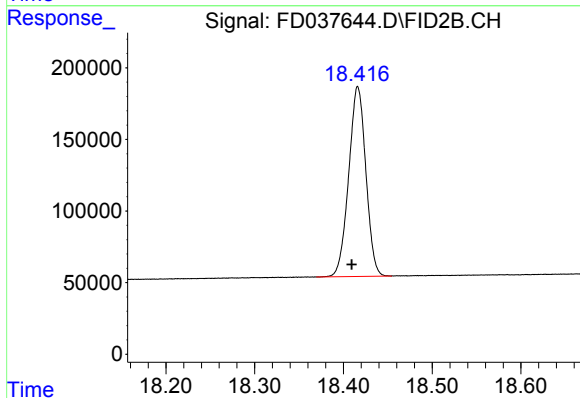
#17 n-Tricontane (C30)

R.T.: 17.588 min
Delta R.T.: 0.006 min
Response: 1793606
Conc: 17.04 ug/ml

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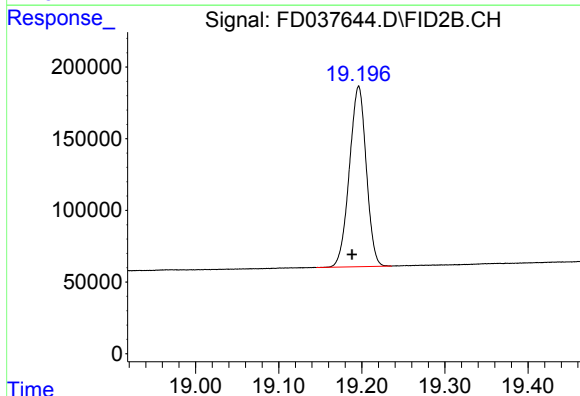
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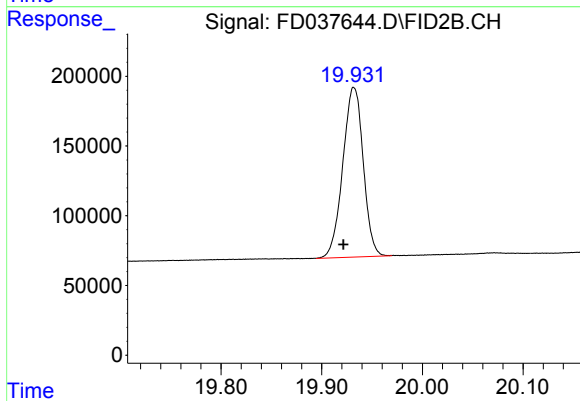
#18 n-Dotriacontane (C32)

R.T.: 18.416 min
Delta R.T.: 0.007 min
Response: 1778353
Conc: 17.07 ug/ml



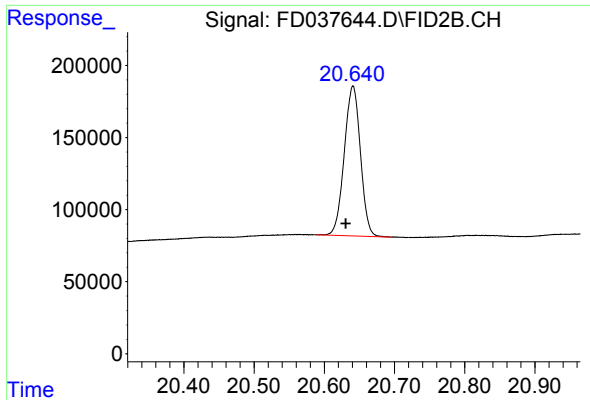
#19 n-Tetratriacontane (C34)

R.T.: 19.196 min
Delta R.T.: 0.008 min
Response: 1773979
Conc: 17.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.931 min
Delta R.T.: 0.010 min
Response: 1717749
Conc: 17.61 ug/ml m



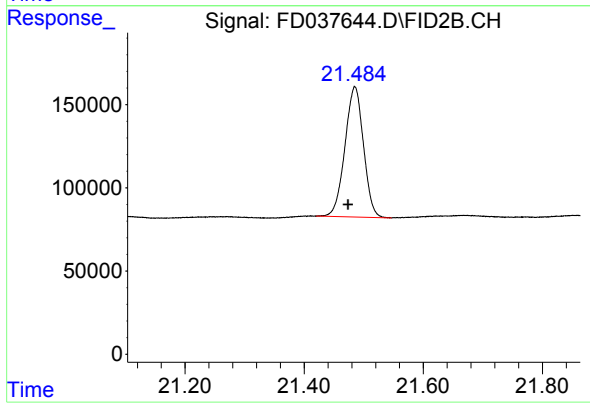
#21 n-Octatriacontane (C38)

R.T.: 20.641 min
Delta R.T.: 0.010 min
Response: 1662323
Conc: 18.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.485 min
Delta R.T.: 0.012 min
Response: 1690880
Conc: 17.56 ug/ml