

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060321AL\
 Data File : FD037682.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jun 2021 11:03
 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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Integration File: sample.E
 Quant Time: Jun 04 11:30:13 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)	11.457	2190108	18.676 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
12) S 1-chlorooctadecane (S...	12.892	1674512	18.428 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
Target Compounds			
1) T n-Nonane (C9)	3.255	1970920	19.533 ug/ml
2) T n-Decane (C10)	4.318	2015013	19.860 ug/ml
3) T A~Naphthalene (C11.7)	5.894	2299004	20.190 ug/ml
4) T n-Dodecane (C12)	6.329	2089872	20.215 ug/ml
5) T A~2-methylnaphthalene...	6.947	2342765	20.236 ug/ml
6) T n-Tetradecane (C14)	8.117	2109108	20.236 ug/ml
7) T n-Hexadecane (C16)	9.711	2065728	20.020 ug/ml
8) T n-Octadecane (C18)	11.146	2102780	19.462 ug/ml
10) T n-Eicosane (C20)	12.450	2057372	18.878 ug/ml
11) T n-Heneicosane (C21)	13.059	2022455	18.578 ug/ml
13) T n-Docosane (C22)	13.643	2007666	18.481 ug/ml
14) T n-Tetracosane (C24)	14.741	1975139	18.229 ug/ml
15) T n-Hexacosane (C26)	15.759	1947357	18.282 ug/ml
16) T n-Octacosane (C28)	16.704	1949584	18.401 ug/ml
17) T n-Tricontane (C30)	17.588	1967390	18.687 ug/ml
18) T n-Dotriacontane (C32)	18.416	1955912	18.777 ug/ml
19) T n-Tetratriacontane (C34)	19.197	1909411	18.785 ug/ml
20) T n-Hexatriacontane (C36)	19.933	1822014	18.680 ug/mlm
21) T n-Octatriacontane (C38)	20.642	1951333	21.225 ug/mlm
22) T n-Tetracontane (C40)	21.488	1828790	18.992 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

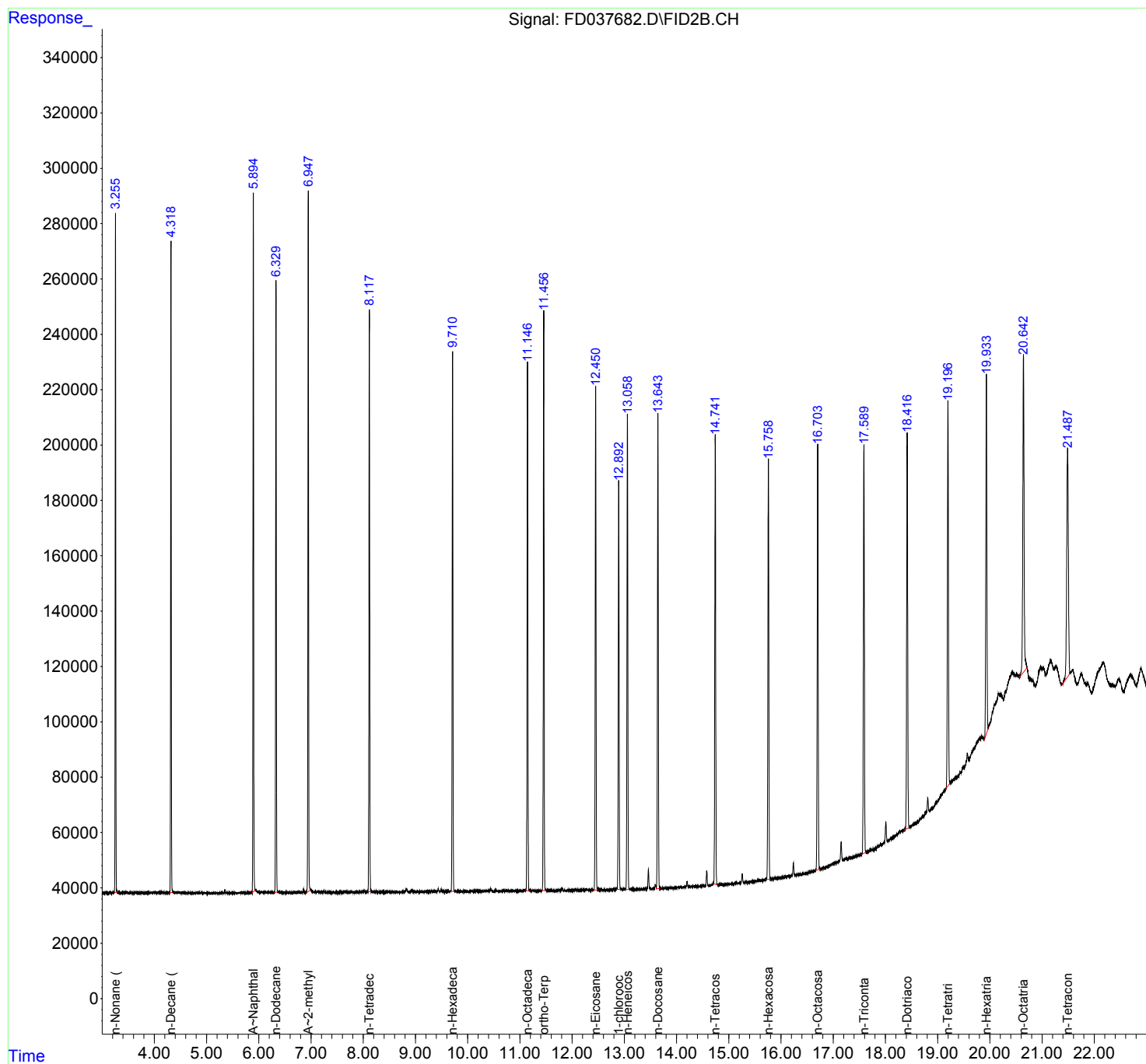
Instrument :
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20 PPM ALIPHATIC HC STD

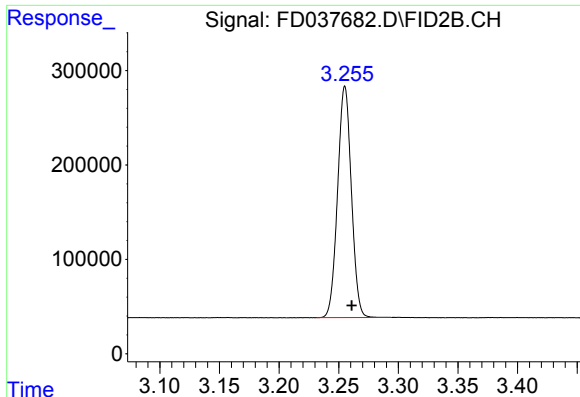
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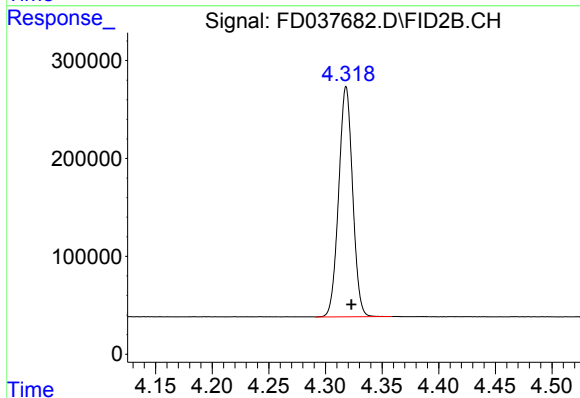
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: -0.006 min
Response: 1970920
Conc: 19.53 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD

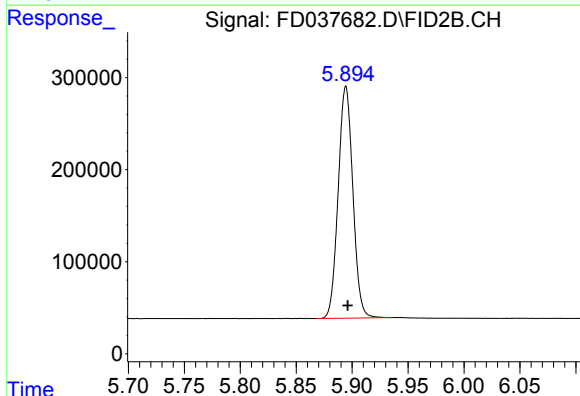
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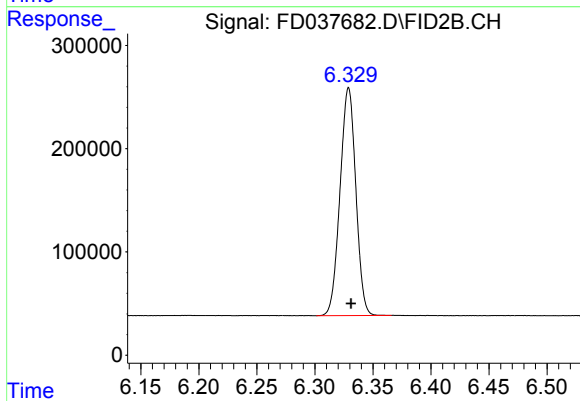
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.005 min
Response: 2015013
Conc: 19.86 ug/ml



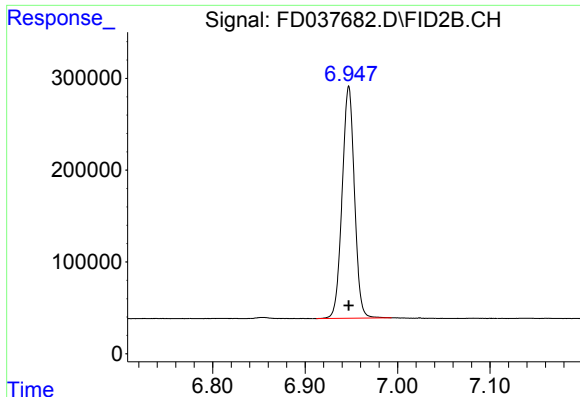
#3 A~Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 2299004
Conc: 20.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 2089872
Conc: 20.22 ug/ml



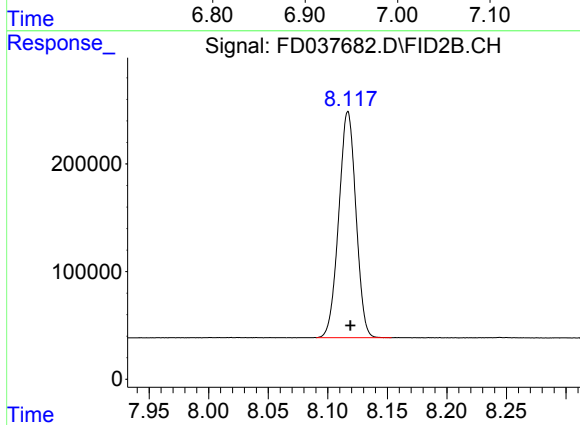
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 2342765
Conc: 20.24 ug/ml

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20 PPM ALIPHATIC HC STD

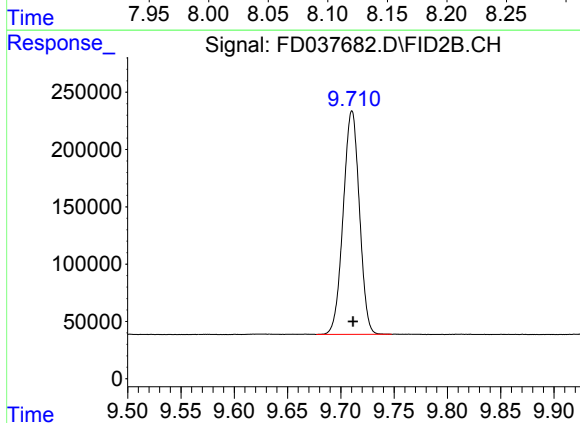
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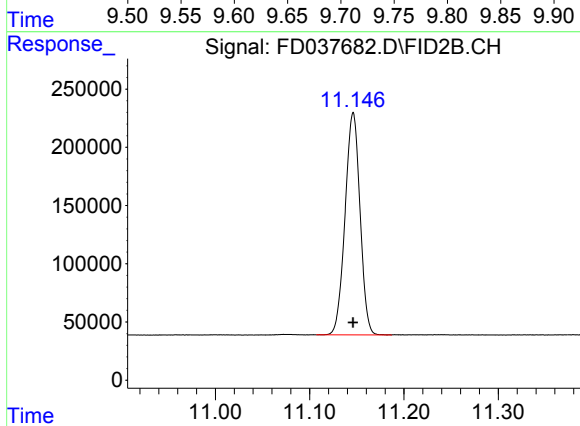
#6 n-Tetradecane (C14)

R.T.: 8.117 min
Delta R.T.: -0.002 min
Response: 2109108
Conc: 20.24 ug/ml



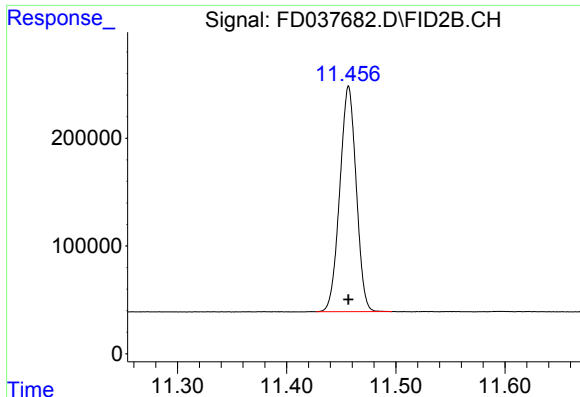
#7 n-Hexadecane (C16)

R.T.: 9.711 min
Delta R.T.: 0.000 min
Response: 2065728
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.146 min
Delta R.T.: 0.000 min
Response: 2102780
Conc: 19.46 ug/ml



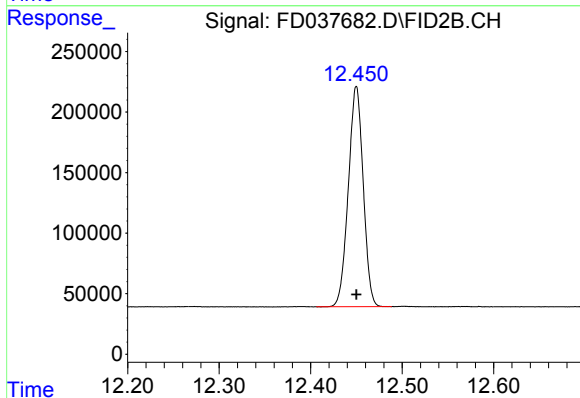
#9 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: 0.000 min
Response: 2190108
Conc: 18.68 ug/ml

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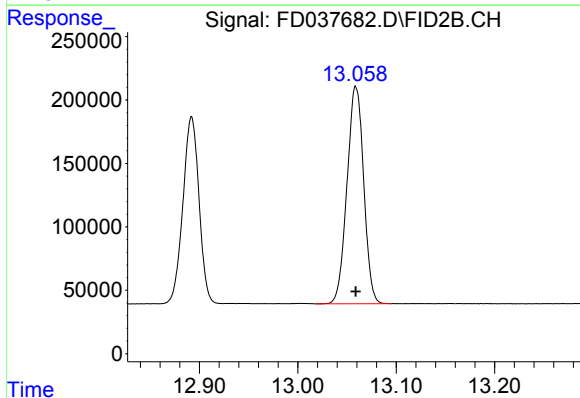
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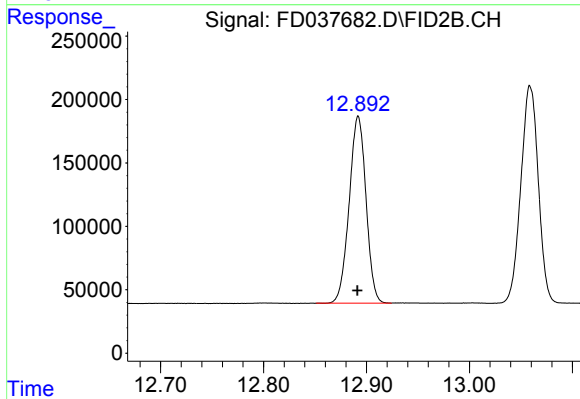
#10 n-Eicosane (C20)

R.T.: 12.450 min
Delta R.T.: 0.000 min
Response: 2057372
Conc: 18.88 ug/ml



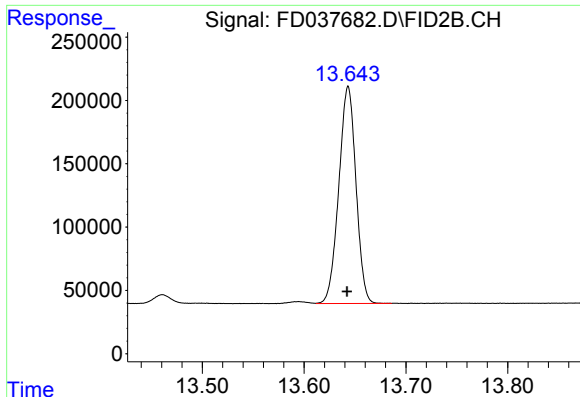
#11 n-Heneicosane (C21)

R.T.: 13.059 min
Delta R.T.: 0.000 min
Response: 2022455
Conc: 18.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.892 min
Delta R.T.: 0.000 min
Response: 1674512
Conc: 18.43 ug/ml



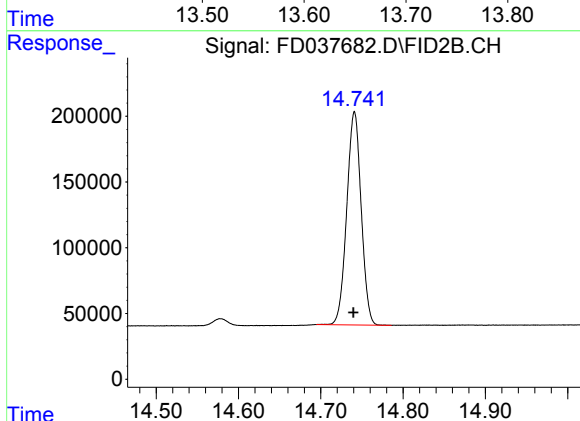
#13 n-Docosane (C22)

R.T.: 13.643 min
Delta R.T.: 0.001 min
Response: 2007666
Conc: 18.48 ug/ml

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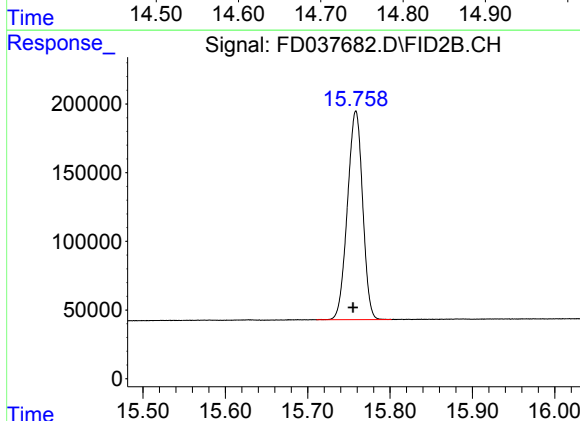
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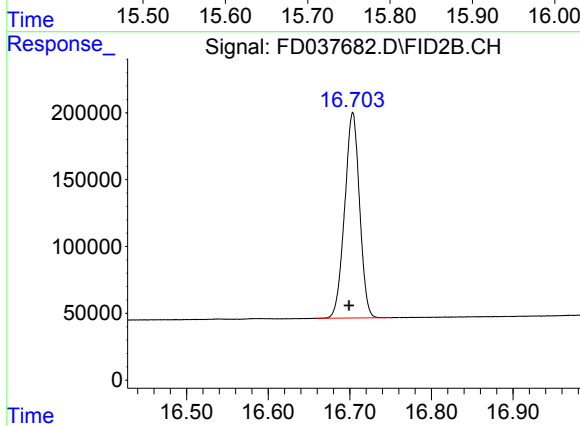
#14 n-Tetracosane (C24)

R.T.: 14.741 min
Delta R.T.: 0.001 min
Response: 1975139
Conc: 18.23 ug/ml



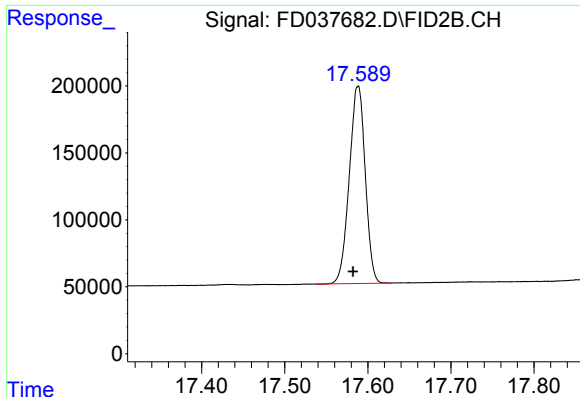
#15 n-Hexacosane (C26)

R.T.: 15.759 min
Delta R.T.: 0.003 min
Response: 1947357
Conc: 18.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.704 min
Delta R.T.: 0.004 min
Response: 1949584
Conc: 18.40 ug/ml



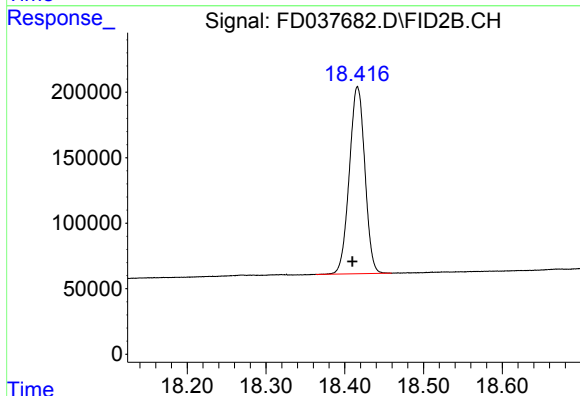
#17 n-Tricontane (C30)

R.T.: 17.588 min
Delta R.T.: 0.006 min
Response: 1967390
Conc: 18.69 ug/ml

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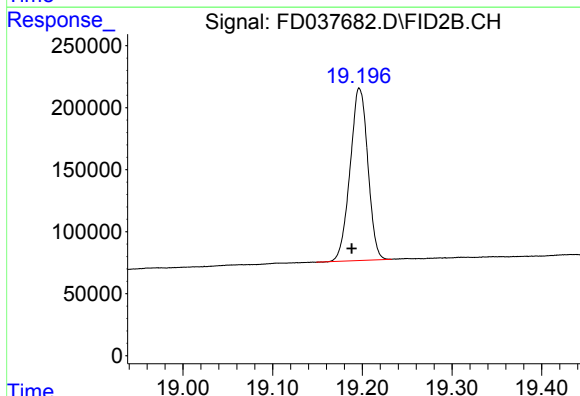
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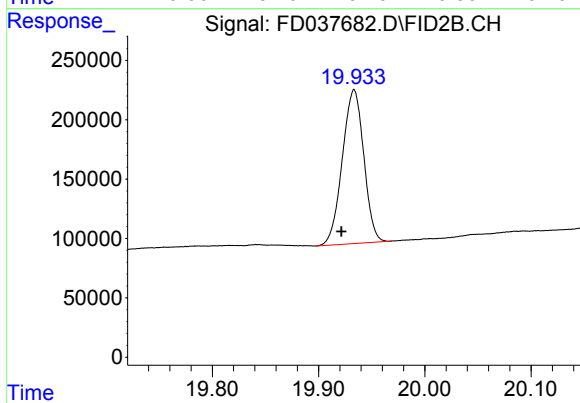
#18 n-Dotriacontane (C32)

R.T.: 18.416 min
Delta R.T.: 0.007 min
Response: 1955912
Conc: 18.78 ug/ml



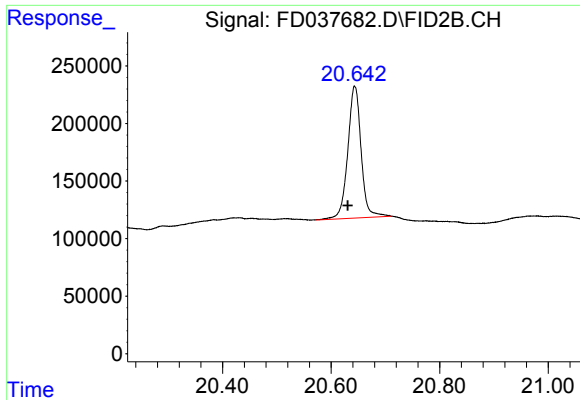
#19 n-Tetratriacontane (C34)

R.T.: 19.197 min
Delta R.T.: 0.009 min
Response: 1909411
Conc: 18.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.933 min
Delta R.T.: 0.012 min
Response: 1822014
Conc: 18.68 ug/ml m



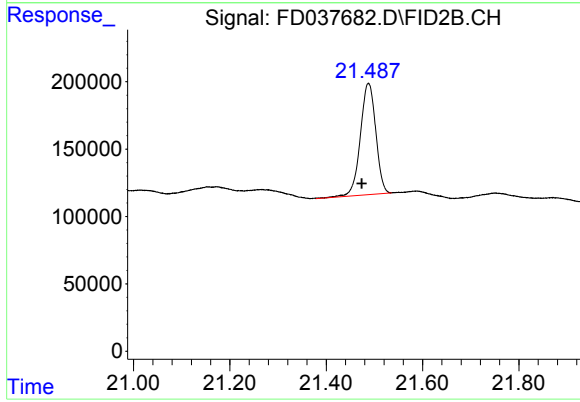
#21 n-Octatriacontane (C38)

R.T.: 20.642 min
Delta R.T.: 0.012 min
Response: 1951333
Conc: 21.23 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.488 min
Delta R.T.: 0.014 min
Response: 1828790
Conc: 18.99 ug/ml