

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042021AL\
 Data File : FD037047.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2021 7:03
 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
 APPROVED

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Integration File: sample.E
 Quant Time: Apr 21 07:43:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.481	2817227	19.013 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	12.914	2174693	18.686 ug/ml
Spiked Amount 50.000		Recovery =	37.37%
Target Compounds			
1) T n-Nonane (C9)	3.279	2834911	22.302 ug/ml
2) T n-Decane (C10)	4.341	2877619	22.332 ug/ml
3) T A~Naphthalene (C11.7)	5.915	3182673	21.798 ug/ml
4) T n-Dodecane (C12)	6.351	2930693	22.108 ug/ml
5) T A~2-methylnaphthalene...	6.968	3206032	21.413 ug/ml
6) T n-Tetradecane (C14)	8.139	2892140	21.278 ug/ml
7) T n-Hexadecane (C16)	9.733	2785035	20.912 ug/ml
8) T n-Octadecane (C18)	11.169	2778554	20.059 ug/ml
10) T n-Eicosane (C20)	12.472	2651907	19.184 ug/ml
11) T n-Heneicosane (C21)	13.081	2582848	18.761 ug/ml
13) T n-Docosane (C22)	13.665	2524308	18.558 ug/ml
14) T n-Tetracosane (C24)	14.763	2432484	18.347 ug/ml
15) T n-Hexacosane (C26)	15.779	2313266	18.270 ug/ml
16) T n-Octacosane (C28)	16.723	2277551	18.885 ug/ml
17) T n-Tricontane (C30)	17.606	2272670	19.784 ug/ml
18) T n-Dotriacontane (C32)	18.434	2248984	20.447 ug/ml
19) T n-Tetratriacontane (C34)	19.212	2224773	21.662 ug/ml
20) T n-Hexatriacontane (C36)	19.948	2163713	22.145 ug/ml
21) T n-Octatriacontane (C38)	20.658	2131149	23.050 ug/ml
22) T n-Tetracontane (C40)	21.506	2252418	22.331 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

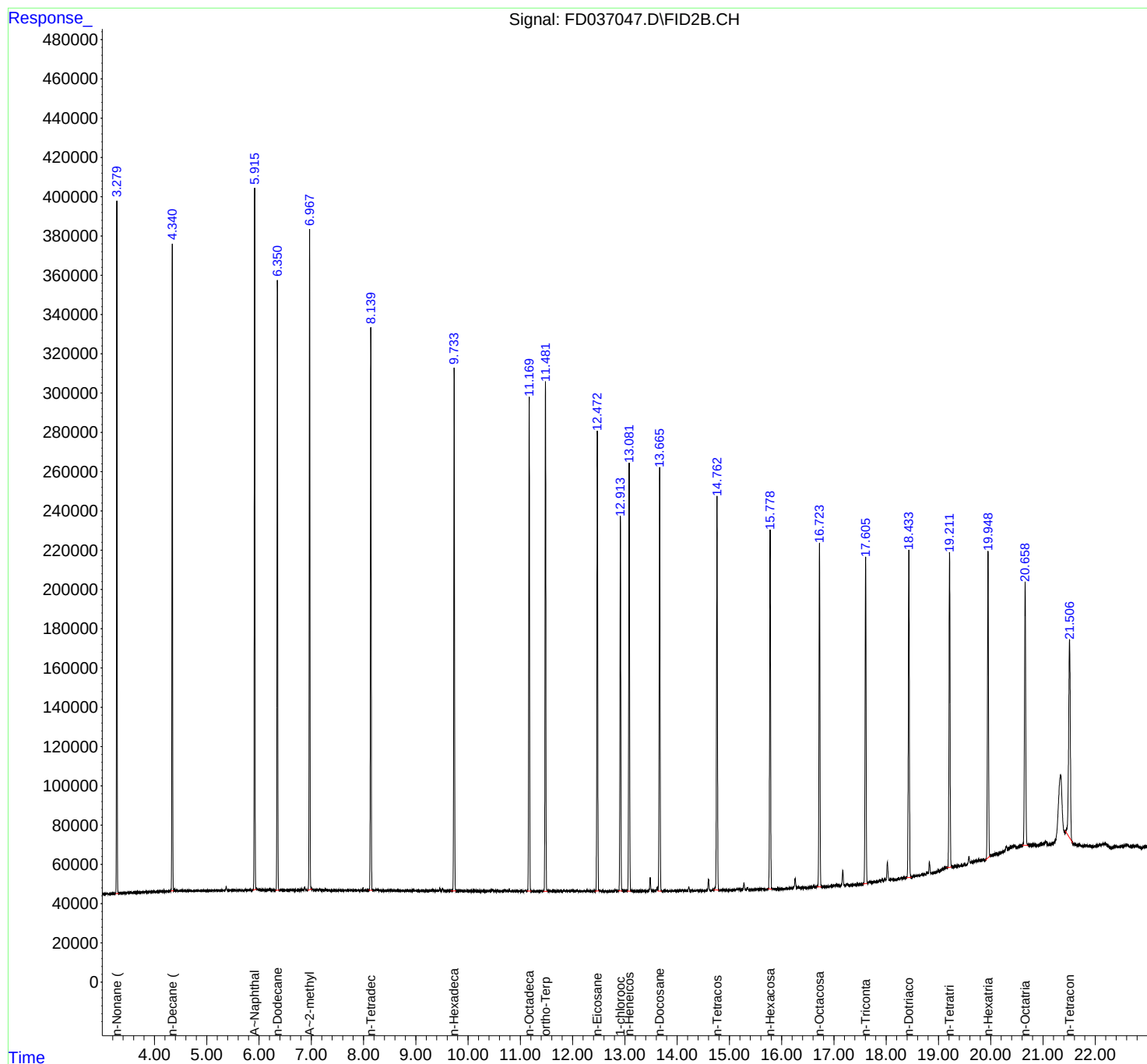
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20 PPM ALIPHATIC HC STD

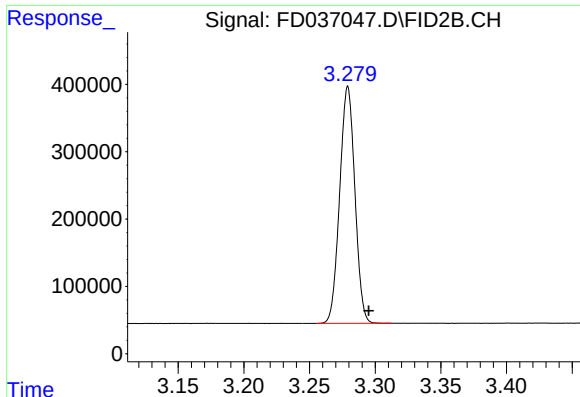
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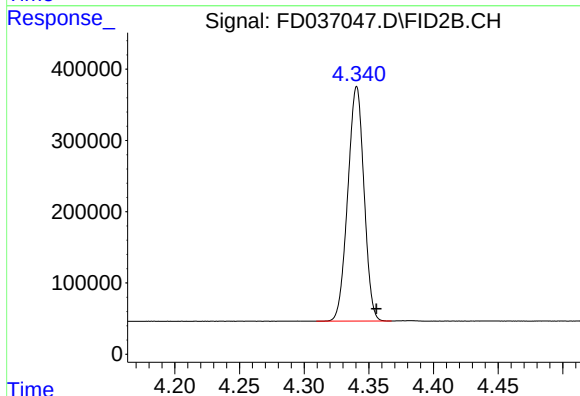
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.016 min
Response: 2834911
Conc: 22.30 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD

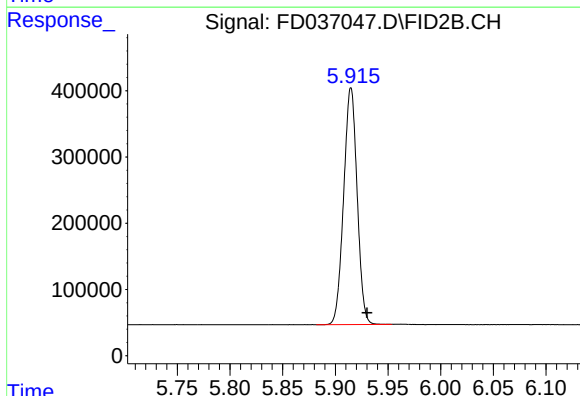
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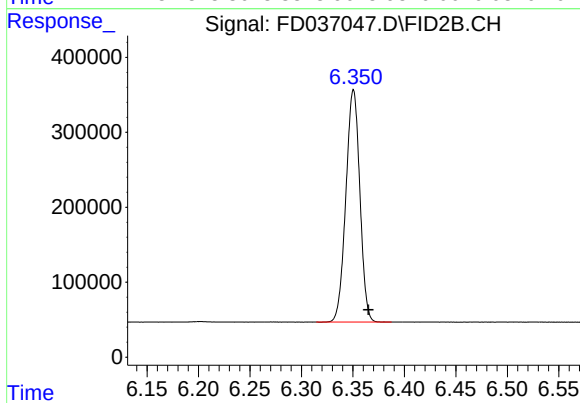
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: -0.015 min
Response: 2877619
Conc: 22.33 ug/ml



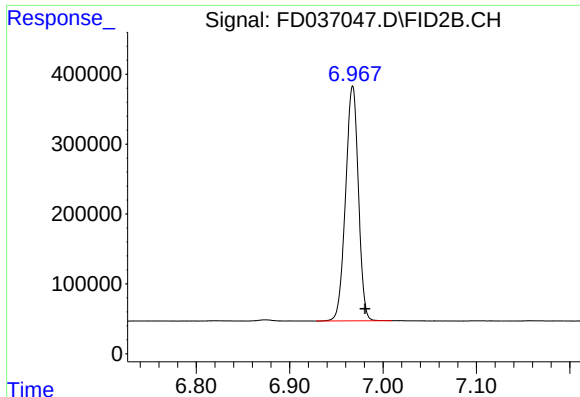
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.015 min
Response: 3182673
Conc: 21.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: -0.014 min
Response: 2930693
Conc: 22.11 ug/ml



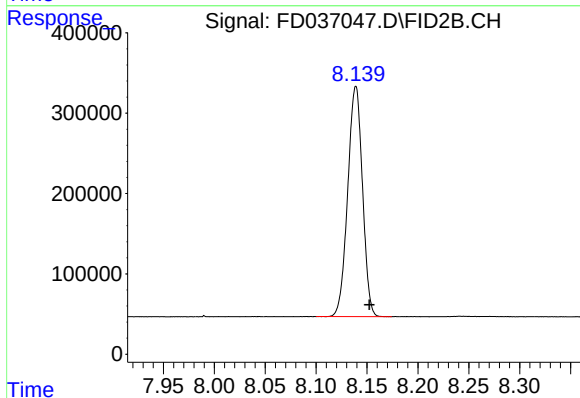
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: -0.013 min
Response: 3206032
Conc: 21.41 ug/ml

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20 PPM ALIPHATIC HC STD

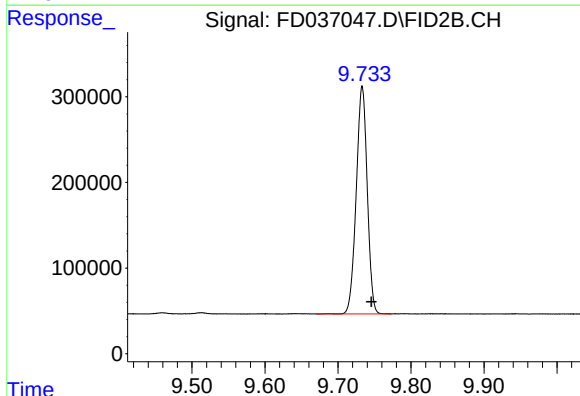
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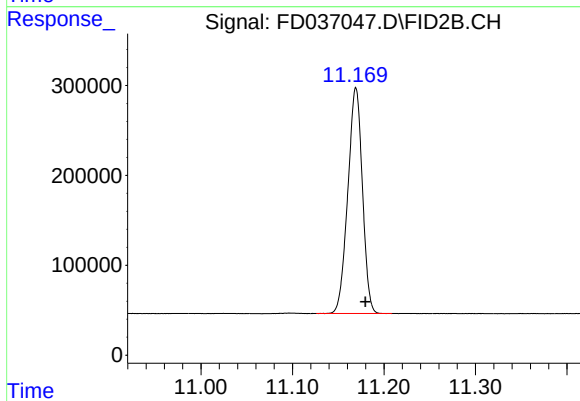
#6 n-Tetradecane (C14)

R.T.: 8.139 min
Delta R.T.: -0.013 min
Response: 2892140
Conc: 21.28 ug/ml



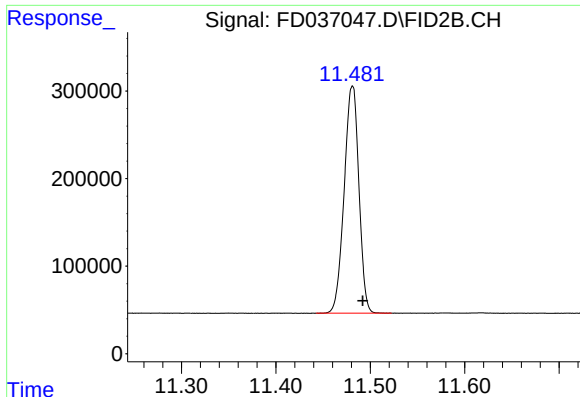
#7 n-Hexadecane (C16)

R.T.: 9.733 min
Delta R.T.: -0.013 min
Response: 2785035
Conc: 20.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.169 min
Delta R.T.: -0.010 min
Response: 2778554
Conc: 20.06 ug/ml



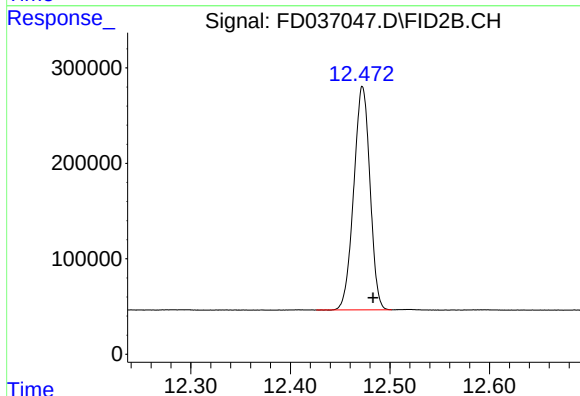
#9 ortho-Terphenyl (SURR)

R.T.: 11.481 min
Delta R.T.: -0.011 min
Response: 2817227
Conc: 19.01 ug/ml

Instrument :
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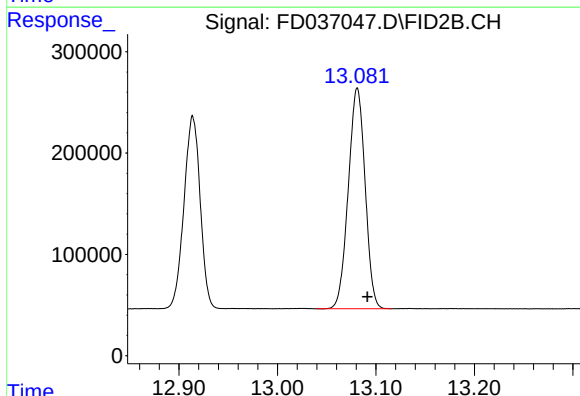
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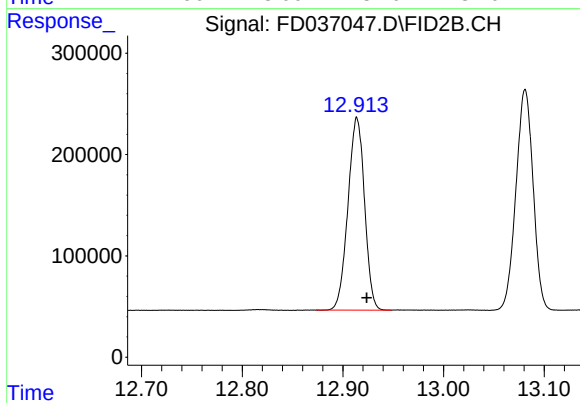
#10 n-Eicosane (C20)

R.T.: 12.472 min
Delta R.T.: -0.011 min
Response: 2651907
Conc: 19.18 ug/ml



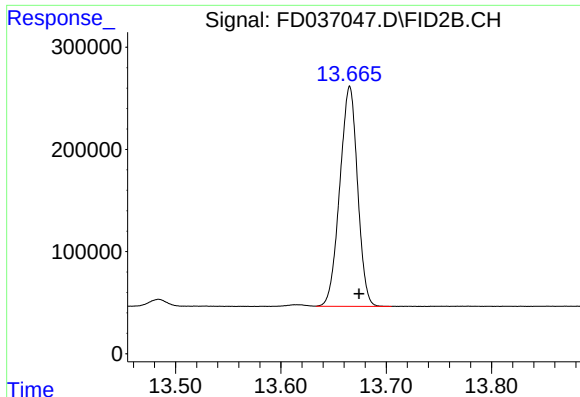
#11 n-Heneicosane (C21)

R.T.: 13.081 min
Delta R.T.: -0.010 min
Response: 2582848
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.914 min
Delta R.T.: -0.010 min
Response: 2174693
Conc: 18.69 ug/ml



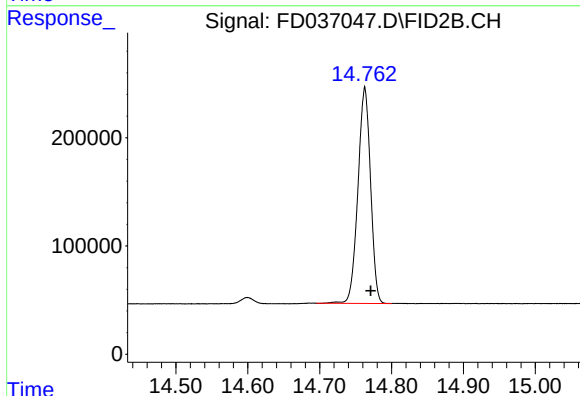
#13 n-Docosane (C22)

R.T.: 13.665 min
Delta R.T.: -0.009 min
Response: 2524308
Conc: 18.56 ug/ml

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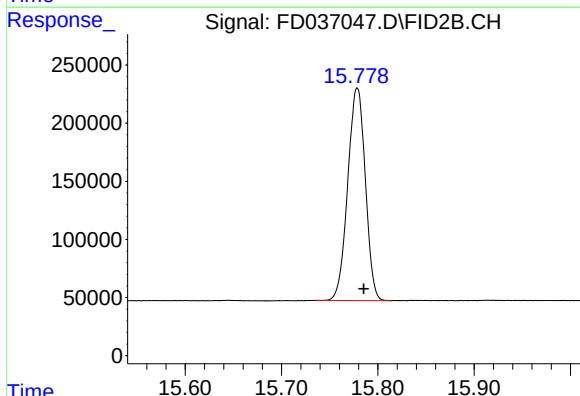
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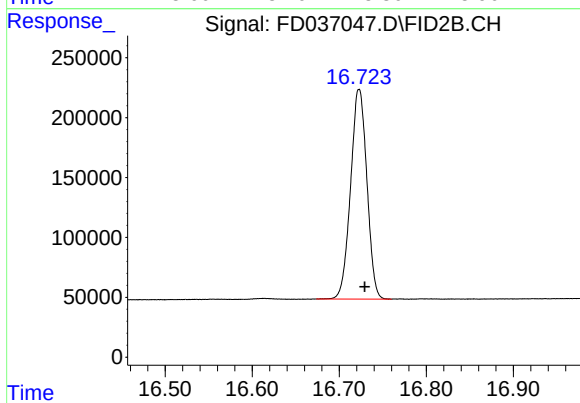
#14 n-Tetracosane (C24)

R.T.: 14.763 min
Delta R.T.: -0.008 min
Response: 2432484
Conc: 18.35 ug/ml



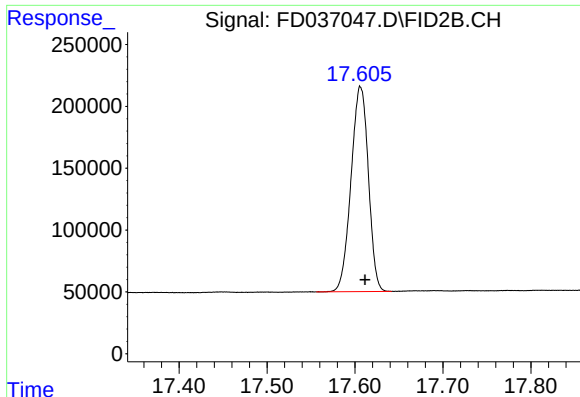
#15 n-Hexacosane (C26)

R.T.: 15.779 min
Delta R.T.: -0.007 min
Response: 2313266
Conc: 18.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.723 min
Delta R.T.: -0.007 min
Response: 2277551
Conc: 18.88 ug/ml



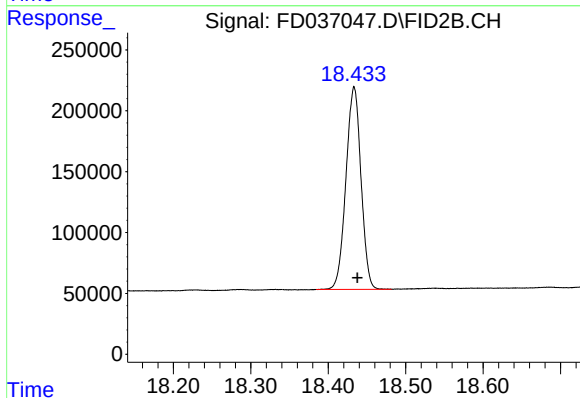
#17 n-Tricontane (C30)

R.T.: 17.606 min
Delta R.T.: -0.005 min
Response: 2272670
Conc: 19.78 ug/ml

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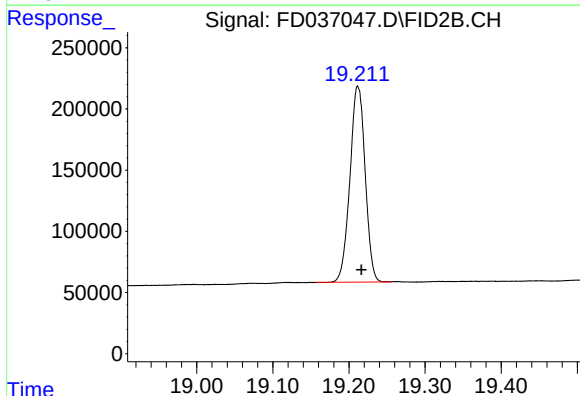
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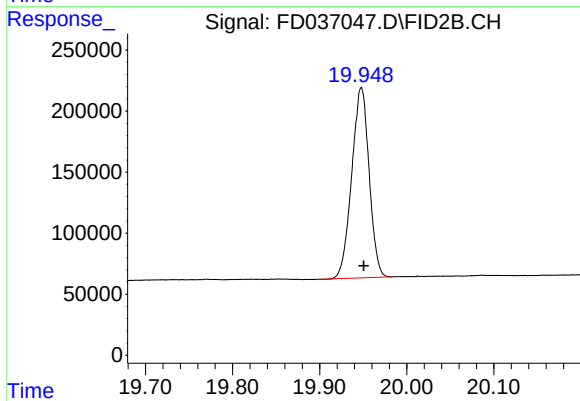
#18 n-Dotriacontane (C32)

R.T.: 18.434 min
Delta R.T.: -0.004 min
Response: 2248984
Conc: 20.45 ug/ml



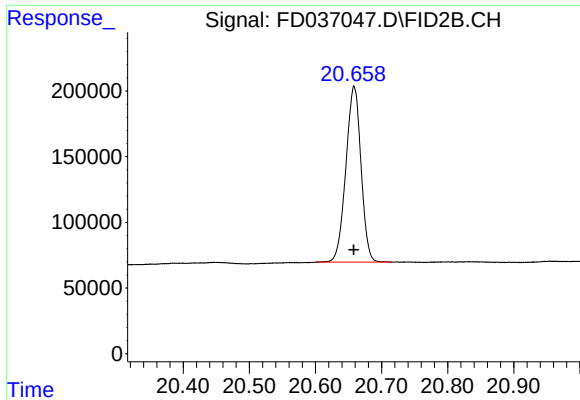
#19 n-Tetratriacontane (C34)

R.T.: 19.212 min
Delta R.T.: -0.005 min
Response: 2224773
Conc: 21.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.948 min
Delta R.T.: -0.003 min
Response: 2163713
Conc: 22.15 ug/ml



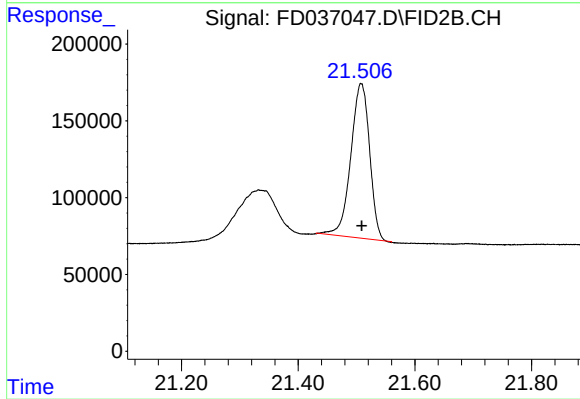
#21 n-Octatriacontane (C38)

R.T.: 20.658 min
Delta R.T.: 0.000 min
Response: 2131149
Conc: 23.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.506 min
Delta R.T.: -0.003 min
Response: 2252418
Conc: 22.33 ug/ml m