

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080720AL\
 Data File : FD034413.D
 Signal(s) : FID2B.CH
 Acq On : 08 Aug 2020 6:02
 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
 8/10/2020 11:13:51 AM

Integration File: sample.E
 Quant Time: Aug 08 06:34:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:13:24 2020
 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)	11.609	2665149	20.331 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	13.037	2121895	19.737 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	3.384	2579101	22.271 ug/ml
2) T n-Decane (C10)	4.452	2603656	22.374 ug/ml
3) T A~Naphthalene (C11.7)	6.038	2876453	22.105 ug/ml
4) T n-Dodecane (C12)	6.467	2617851	22.191 ug/ml
5) T A~2-methylnaphthalene...	7.092	2908685	21.901 ug/ml
6) T n-Tetradecane (C14)	8.257	2556793	21.880 ug/ml
7) T n-Hexadecane (C16)	9.852	2474393	21.197 ug/ml
8) T n-Octadecane (C18)	11.289	2520145	20.677 ug/ml
10) T n-Eicosane (C20)	12.595	2473569	20.038 ug/ml
11) T n-Heneicosane (C21)	13.203	2440081	19.727 ug/ml
13) T n-Docosane (C22)	13.787	2403930	19.355 ug/ml
14) T n-Tetracosane (C24)	14.886	2350311	18.775 ug/ml
15) T n-Hexacosane (C26)	15.901	2276693	18.172 ug/ml
16) T n-Octacosane (C28)	16.846	2260688	17.899 ug/ml
17) T n-Tricontane (C30)	17.729	2237891	17.990 ug/ml
18) T n-Dotriacontane (C32)	18.556	2110264	18.325 ug/ml
19) T n-Tetratriacontane (C34)	19.335	2127719	19.545 ug/mlm
20) T n-Hexatriacontane (C36)	20.069	2047034	19.343 ug/mlm
21) T n-Octatriacontane (C38)	20.801	1897605	19.730 ug/ml
22) T n-Tetracontane (C40)	21.705	1864368	19.327 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

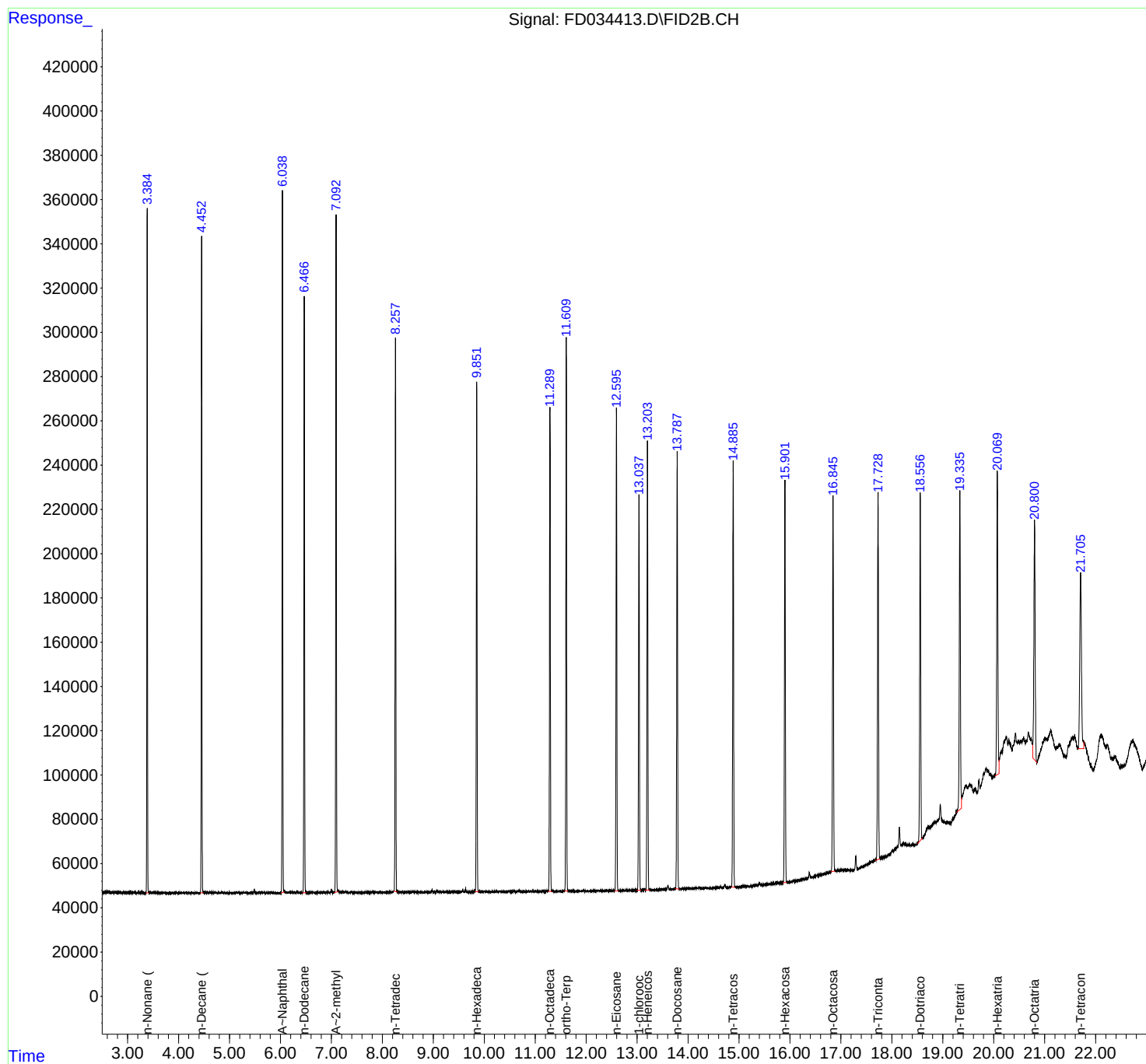
Instrument :
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20 PPM ALIPHATIC HC STD

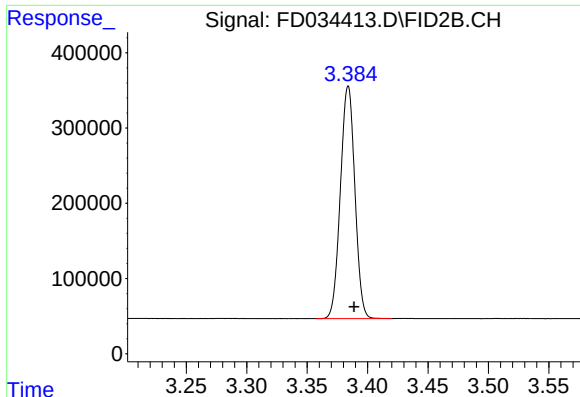
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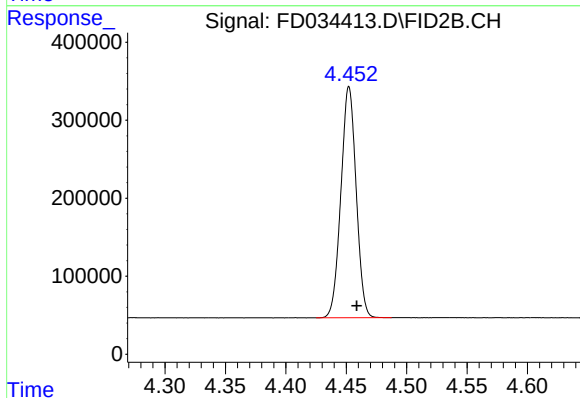
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: -0.005 min
Response: 2579101
Conc: 22.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

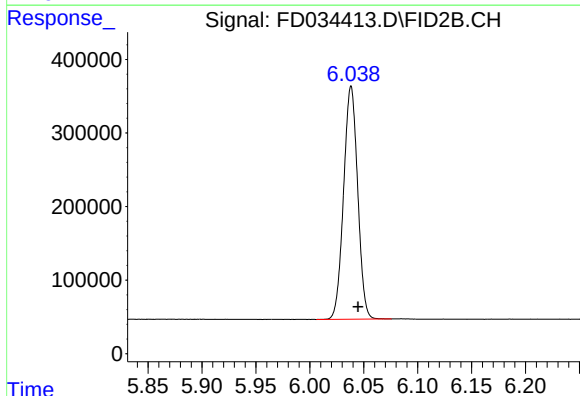
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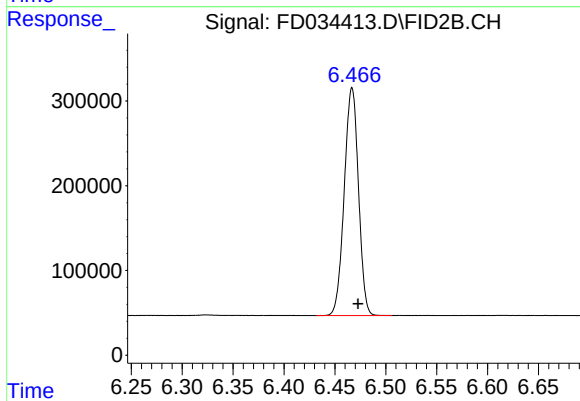
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: -0.006 min
Response: 2603656
Conc: 22.37 ug/ml



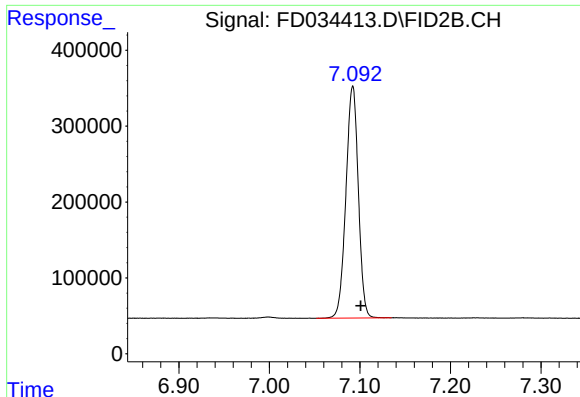
#3 A~Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: -0.006 min
Response: 2876453
Conc: 22.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.006 min
Response: 2617851
Conc: 22.19 ug/ml



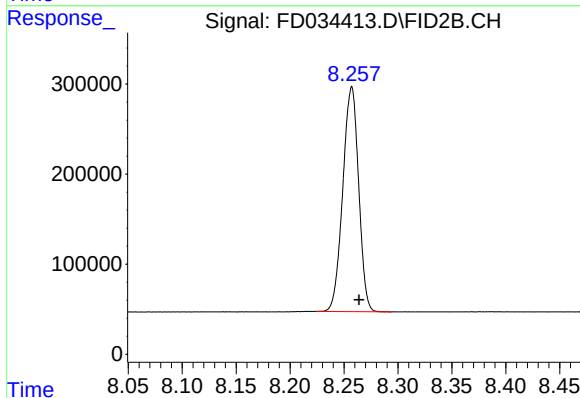
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: -0.009 min
Response: 2908685
Conc: 21.90 ug/ml

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20 PPM ALIPHATIC HC STD

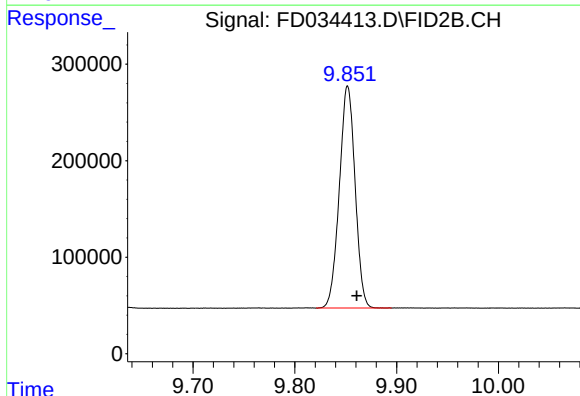
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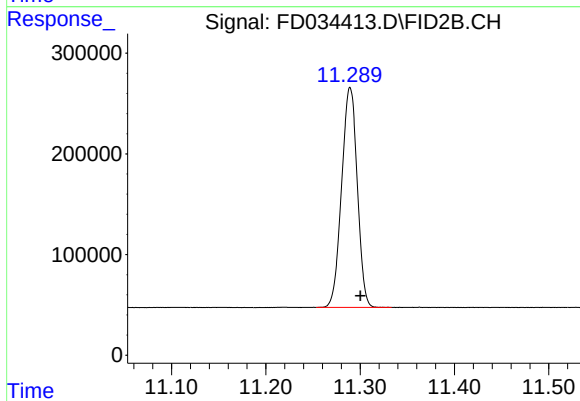
#6 n-Tetradecane (C14)

R.T.: 8.257 min
Delta R.T.: -0.007 min
Response: 2556793
Conc: 21.88 ug/ml



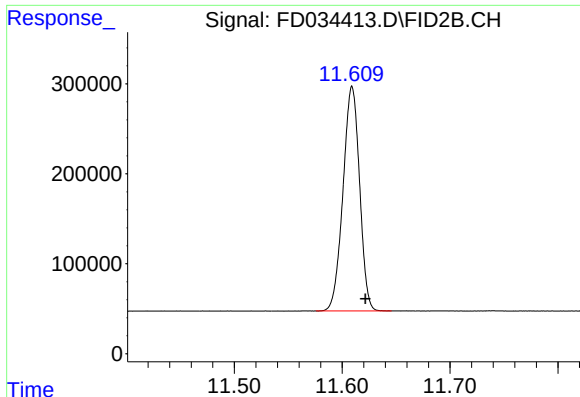
#7 n-Hexadecane (C16)

R.T.: 9.852 min
Delta R.T.: -0.009 min
Response: 2474393
Conc: 21.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.289 min
Delta R.T.: -0.011 min
Response: 2520145
Conc: 20.68 ug/ml



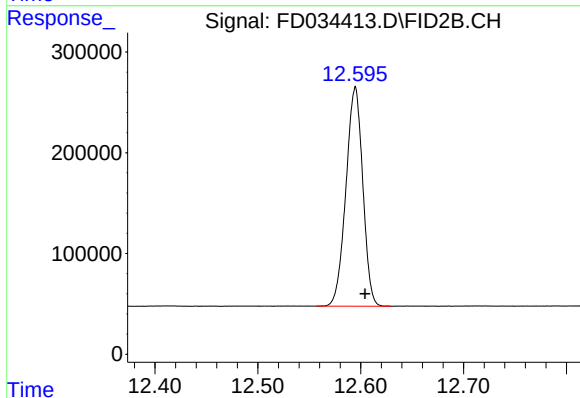
#9 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: -0.012 min
Response: 2665149
Conc: 20.33 ug/ml

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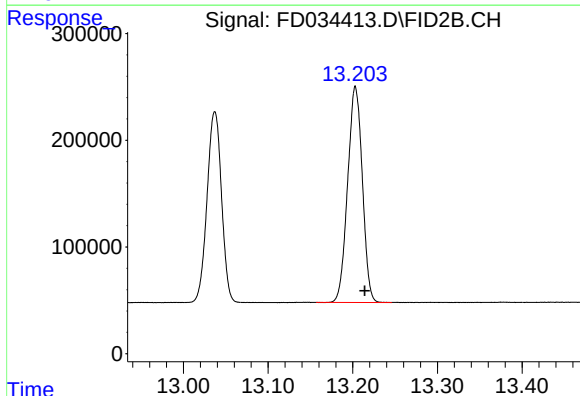
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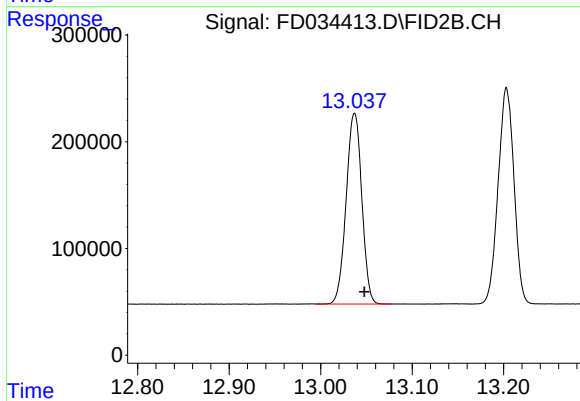
#10 n-Eicosane (C20)

R.T.: 12.595 min
Delta R.T.: -0.009 min
Response: 2473569
Conc: 20.04 ug/ml



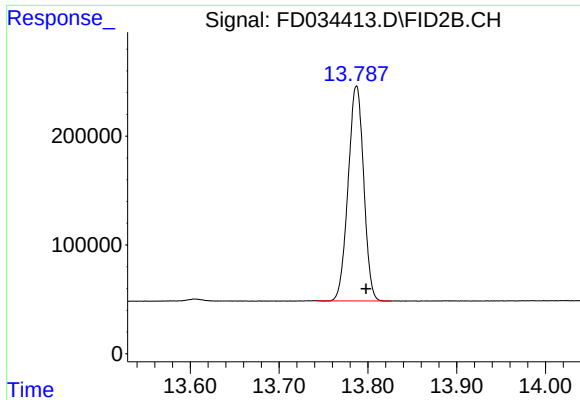
#11 n-Heneicosane (C21)

R.T.: 13.203 min
Delta R.T.: -0.011 min
Response: 2440081
Conc: 19.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.037 min
Delta R.T.: -0.011 min
Response: 2121895
Conc: 19.74 ug/ml



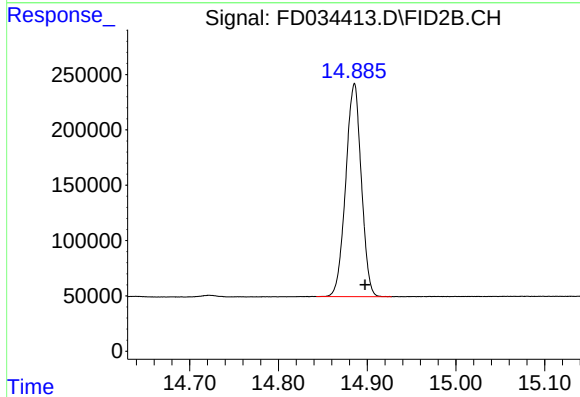
#13 n-Docosane (C22)

R.T.: 13.787 min
Delta R.T.: -0.011 min
Response: 2403930
Conc: 19.35 ug/ml

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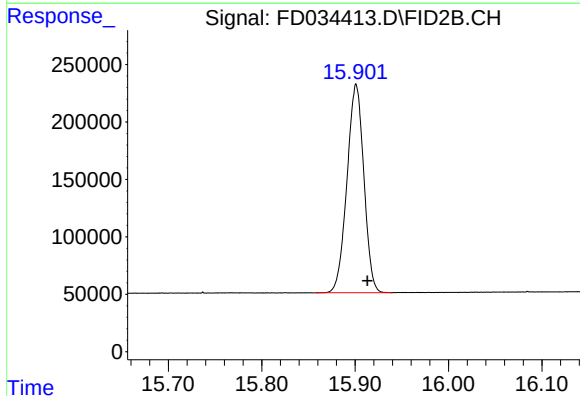
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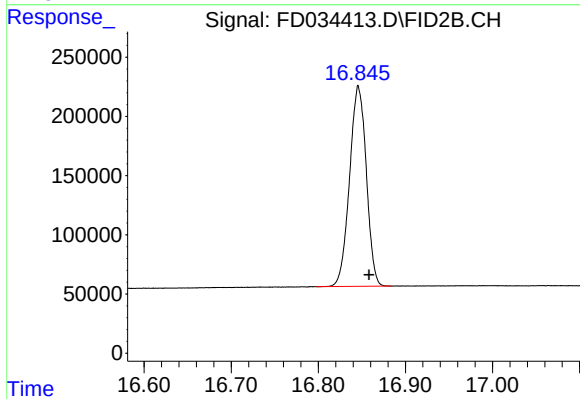
#14 n-Tetracosane (C24)

R.T.: 14.886 min
Delta R.T.: -0.012 min
Response: 2350311
Conc: 18.77 ug/ml



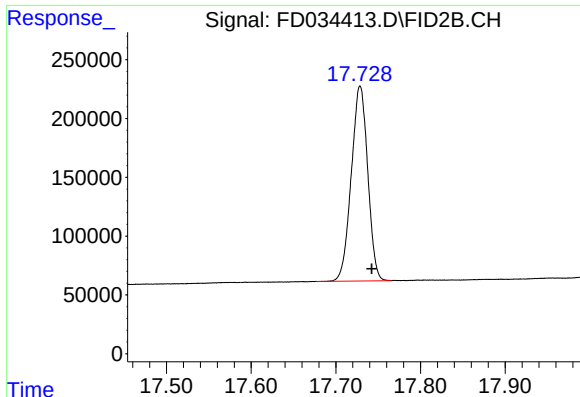
#15 n-Hexacosane (C26)

R.T.: 15.901 min
Delta R.T.: -0.012 min
Response: 2276693
Conc: 18.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.846 min
Delta R.T.: -0.012 min
Response: 2260688
Conc: 17.90 ug/ml



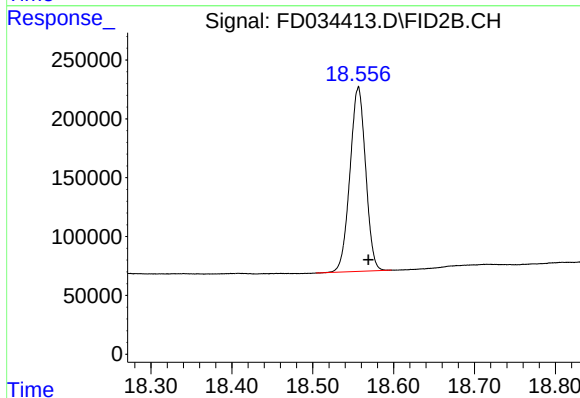
#17 n-Tricontane (C30)

R.T.: 17.729 min
Delta R.T.: -0.014 min
Response: 2237891
Conc: 17.99 ug/ml

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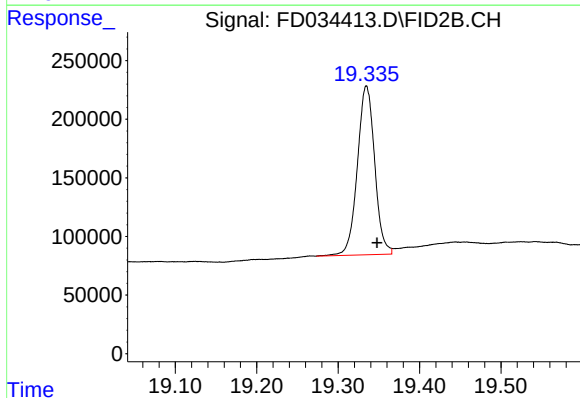
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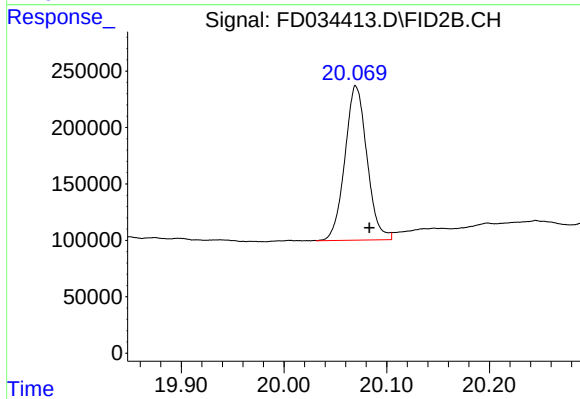
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: -0.012 min
Response: 2110264
Conc: 18.33 ug/ml



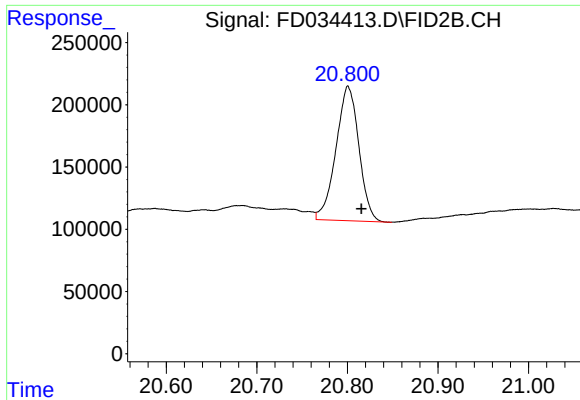
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: -0.013 min
Response: 2127719
Conc: 19.55 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: -0.014 min
Response: 2047034
Conc: 19.34 ug/ml m



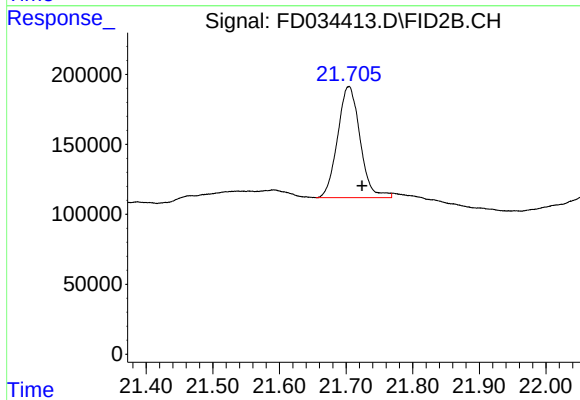
#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: -0.015 min
Response: 1897605
Conc: 19.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.705 min
Delta R.T.: -0.019 min
Response: 1864368
Conc: 19.33 ug/ml m