

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052222AL\
 Data File : FD042620.D
 Signal(s) : FID2B.CH
 Acq On : 22 May 2022 1:55
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/23/2022
 Supervised By :Ankita Jodhani 05/23/2022

Integration File: autoint1.e
 Quant Time: May 23 01:30:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 2022
 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)	11.201	3011718	17.973 ug/ml
Spiked Amount 50.000		Recovery =	35.95%
12) S 1-chlorooctadecane (S...	12.640	2317628	17.974 ug/ml
Spiked Amount 50.000		Recovery =	35.95%
Target Compounds			
1) T n-Nonane (C9)	3.080	2803963	18.464 ug/ml
2) T n-Decane (C10)	4.121	2809891	18.677 ug/ml
3) T A~Naphthalene (C11.7)	5.671	2852465	18.518 ug/ml
4) T n-Dodecane (C12)	6.113	2909312	18.515 ug/ml
5) T A~2-methylnaphthalene...	6.716	2868756	18.643 ug/ml
6) T n-Tetradecane (C14)	7.888	2904029	18.430 ug/ml
7) T n-Hexadecane (C16)	9.474	2889726	18.296 ug/ml
8) T n-Octadecane (C18)	10.903	2863551	18.156 ug/ml
10) T n-Eicosane (C20)	12.203	2794515	18.142 ug/ml
11) T n-Heneicosane (C21)	12.811	2732734	17.873 ug/ml
13) T n-Docosane (C22)	13.392	2807781	18.751 ug/ml
14) T n-Tetracosane (C24)	14.488	2867269	19.878 ug/ml
15) T n-Hexacosane (C26)	15.502	2920202	20.852 ug/ml
16) T n-Octacosane (C28)	16.446	3044863	22.336 ug/ml
17) T n-Tricontane (C30)	17.329	3126913	23.487 ug/ml
18) T n-Dotriacontane (C32)	18.157	2994391	23.532 ug/ml
19) T n-Tetratriacontane (C34)	18.935	2747060	22.761 ug/ml
20) T n-Hexatriacontane (C36)	19.672	2575078	22.738 ug/mlm
21) T n-Octatriacontane (C38)	20.368	2577262	23.866 ug/mlm
22) T n-Tetracontane (C40)	21.140	2604066	24.411 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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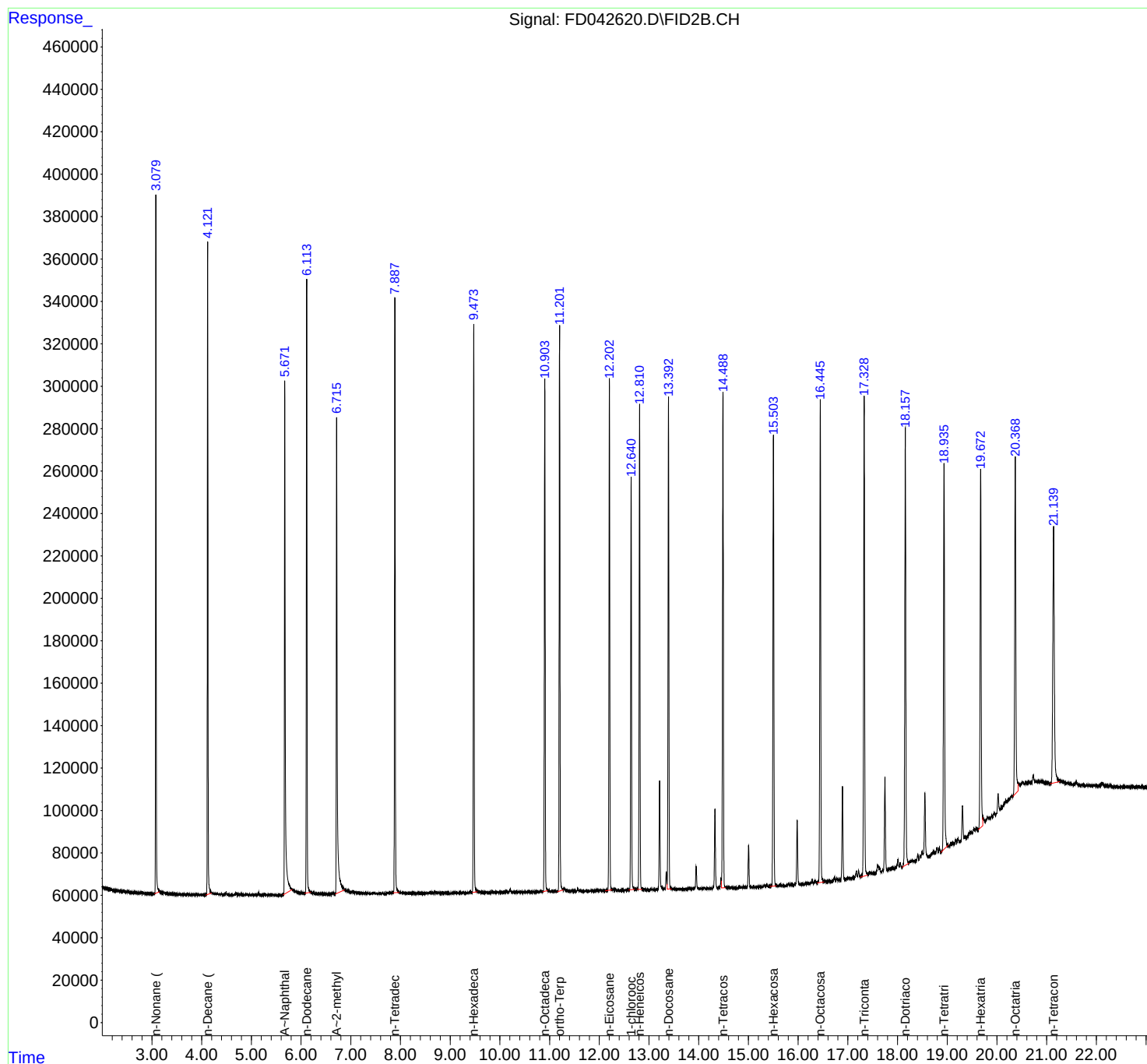
Instrument :
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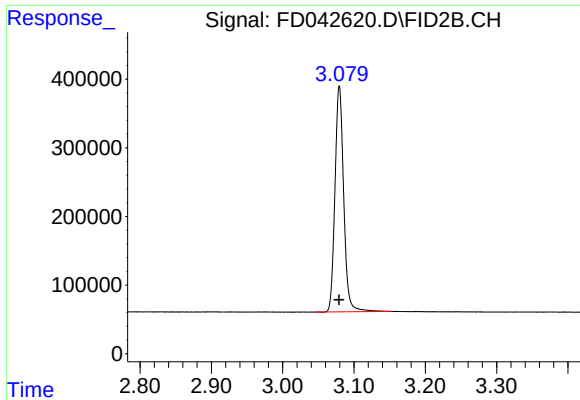
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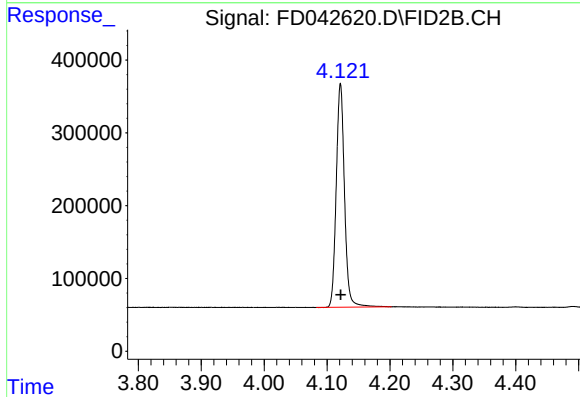
#1 n-Nonane (C9)

R.T.: 3.080 min
Delta R.T.: 0.000 min
Response: 2803963
Conc: 18.46 ug/ml

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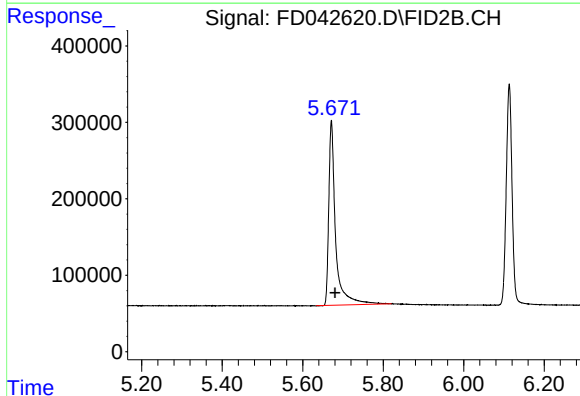
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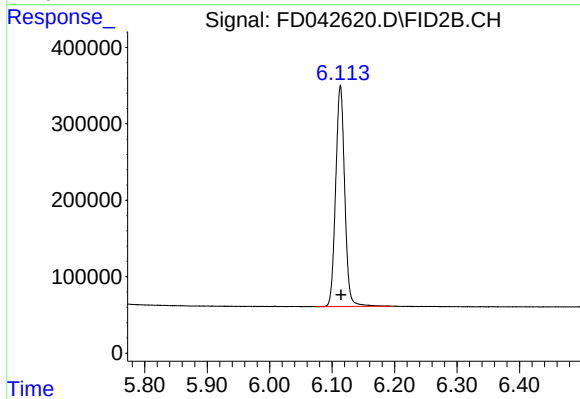
#2 n-Decane (C10)

R.T.: 4.121 min
Delta R.T.: 0.000 min
Response: 2809891
Conc: 18.68 ug/ml



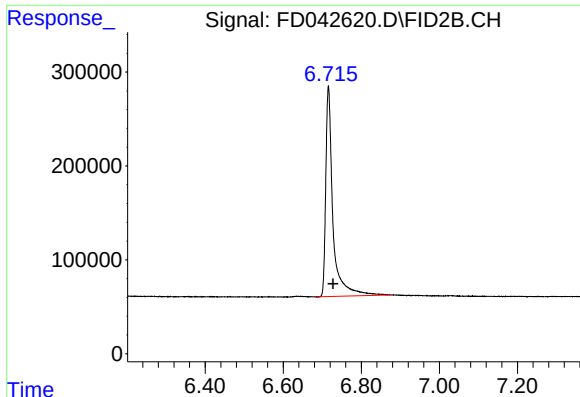
#3 A~Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: -0.009 min
Response: 2852465
Conc: 18.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.113 min
Delta R.T.: -0.001 min
Response: 2909312
Conc: 18.51 ug/ml



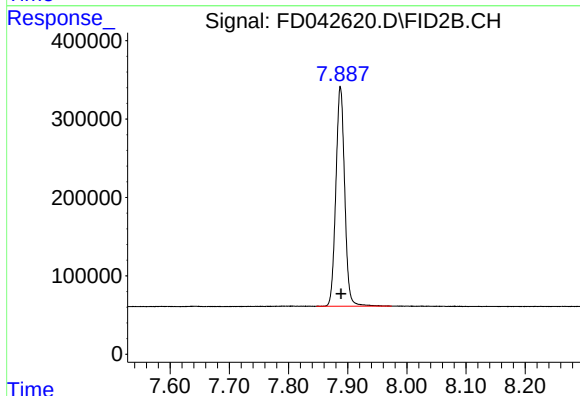
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.716 min
Delta R.T.: -0.012 min
Response: 2868756
Conc: 18.64 ug/ml

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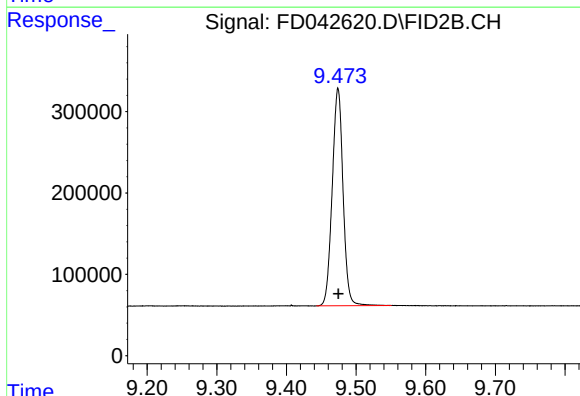
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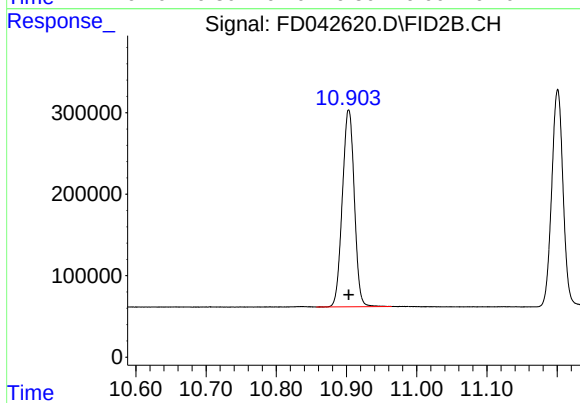
#6 n-Tetradecane (C14)

R.T.: 7.888 min
Delta R.T.: -0.001 min
Response: 2904029
Conc: 18.43 ug/ml



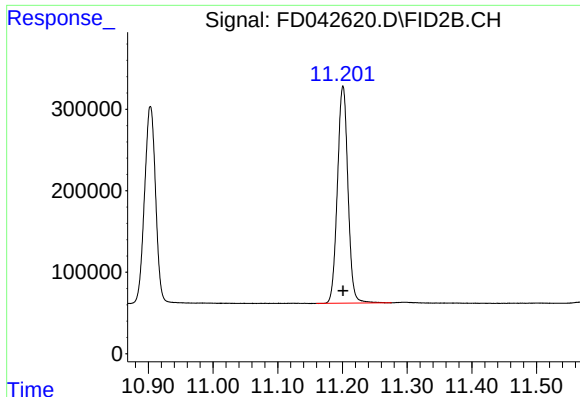
#7 n-Hexadecane (C16)

R.T.: 9.474 min
Delta R.T.: 0.000 min
Response: 2889726
Conc: 18.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.903 min
Delta R.T.: 0.000 min
Response: 2863551
Conc: 18.16 ug/ml



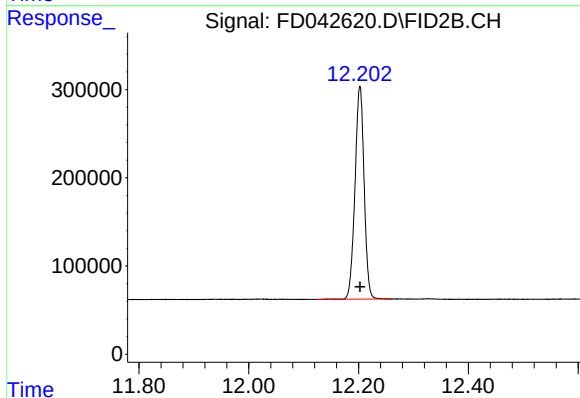
#9 ortho-Terphenyl (SURR)

R.T.: 11.201 min
Delta R.T.: 0.000 min
Response: 3011718
Conc: 17.97 ug/ml

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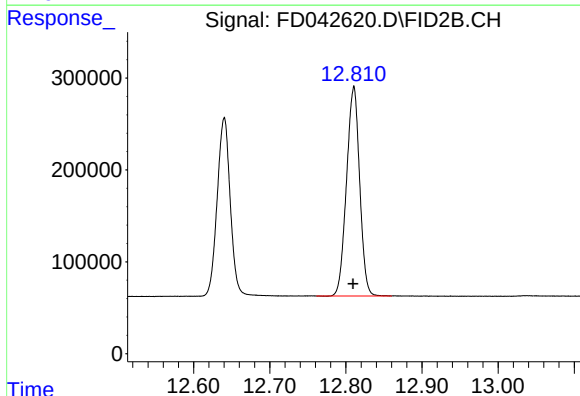
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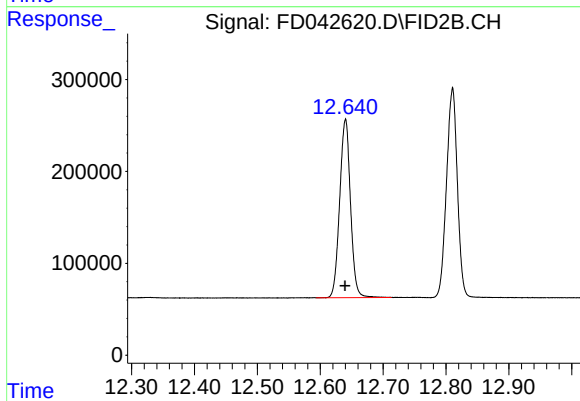
#10 n-Eicosane (C20)

R.T.: 12.203 min
Delta R.T.: 0.000 min
Response: 2794515
Conc: 18.14 ug/ml



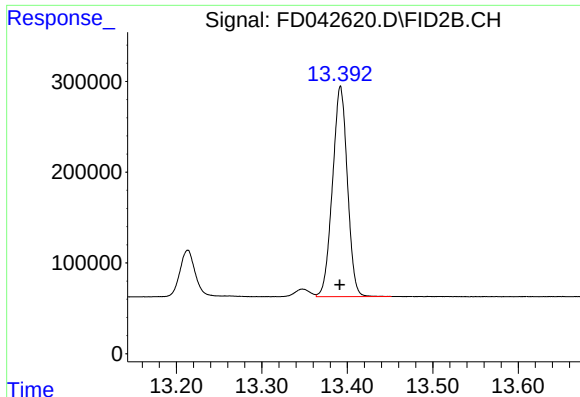
#11 n-Heneicosane (C21)

R.T.: 12.811 min
Delta R.T.: 0.001 min
Response: 2732734
Conc: 17.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.640 min
Delta R.T.: 0.000 min
Response: 2317628
Conc: 17.97 ug/ml



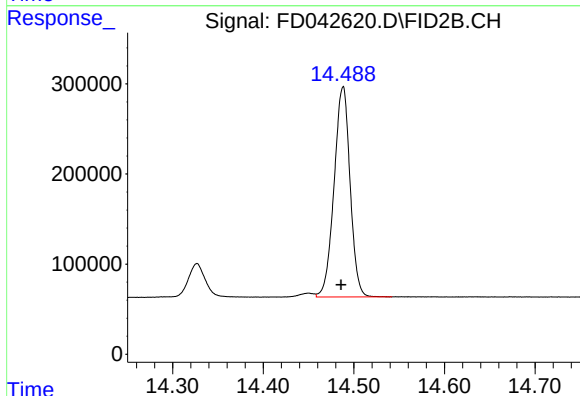
#13 n-Docosane (C22)

R.T.: 13.392 min
Delta R.T.: 0.000 min
Response: 2807781
Conc: 18.75 ug/ml

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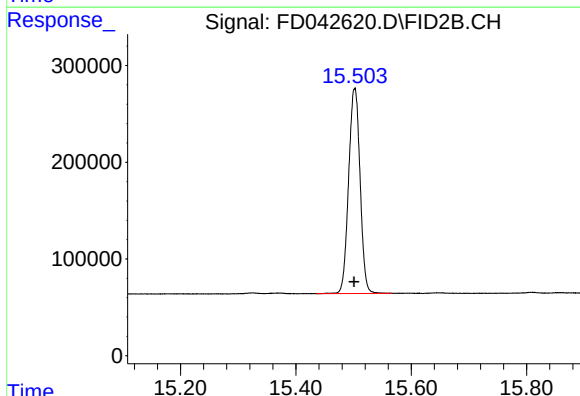
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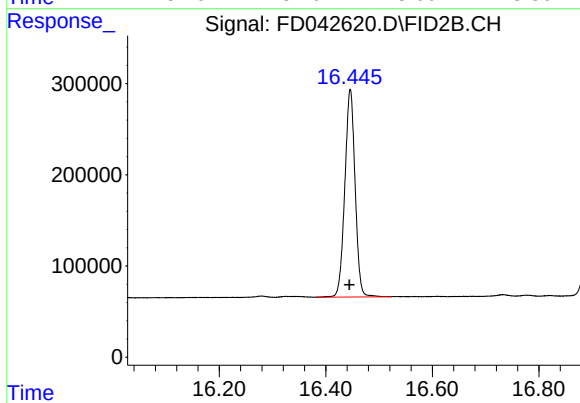
#14 n-Tetracosane (C24)

R.T.: 14.488 min
Delta R.T.: 0.002 min
Response: 2867269
Conc: 19.88 ug/ml



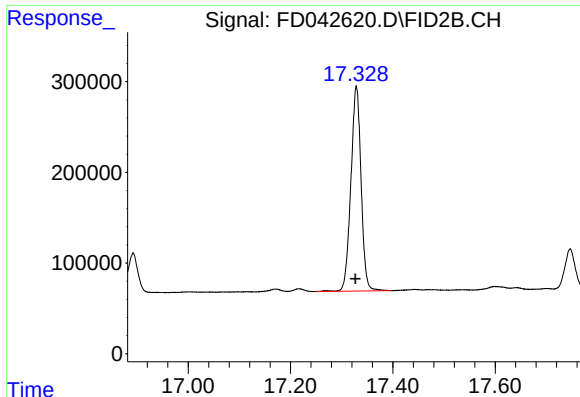
#15 n-Hexacosane (C26)

R.T.: 15.502 min
Delta R.T.: 0.000 min
Response: 2920202
Conc: 20.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.446 min
Delta R.T.: 0.002 min
Response: 3044863
Conc: 22.34 ug/ml



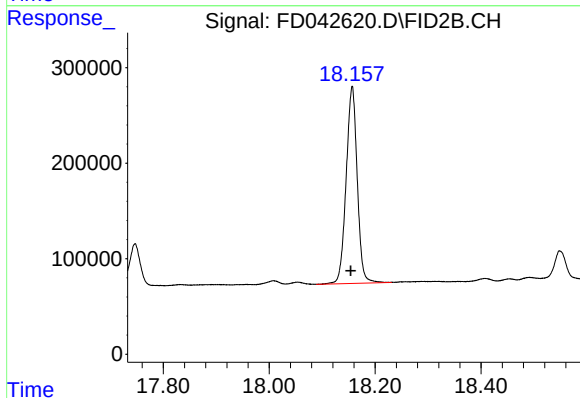
#17 n-Tricontane (C30)

R.T.: 17.329 min
Delta R.T.: 0.002 min
Response: 3126913
Conc: 23.49 ug/ml

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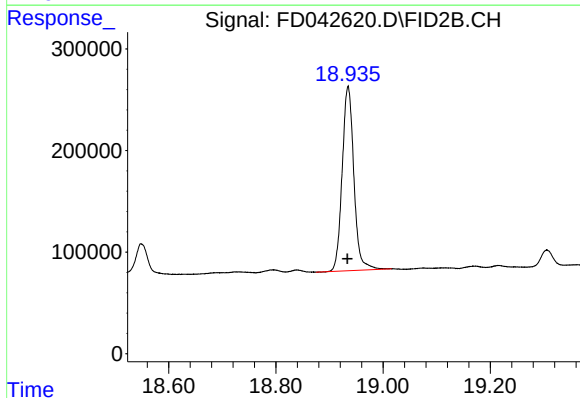
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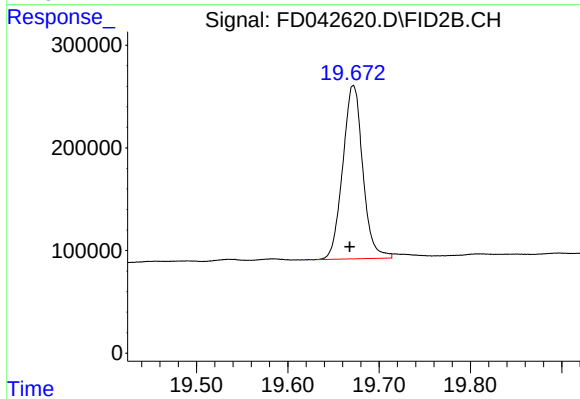
#18 n-Dotriacontane (C32)

R.T.: 18.157 min
Delta R.T.: 0.003 min
Response: 2994391
Conc: 23.53 ug/ml



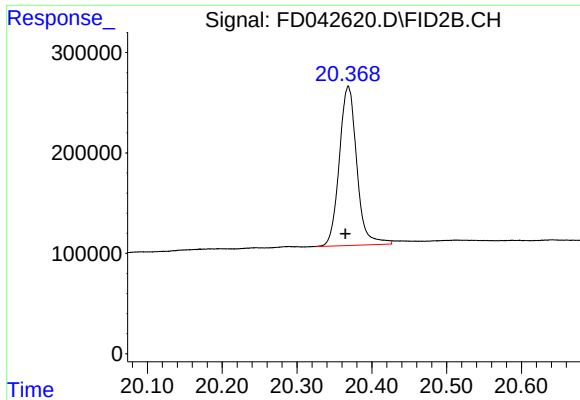
#19 n-Tetratriacontane (C34)

R.T.: 18.935 min
Delta R.T.: 0.002 min
Response: 2747060
Conc: 22.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.672 min
Delta R.T.: 0.004 min
Response: 2575078
Conc: 22.74 ug/ml m



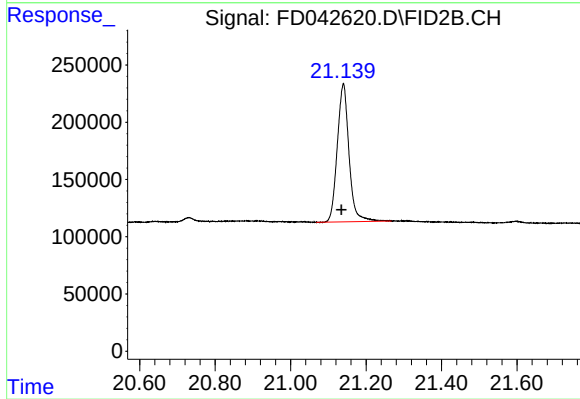
#21 n-Octatriacontane (C38)

R.T.: 20.368 min
Delta R.T.: 0.004 min
Response: 2577262
Conc: 23.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.140 min
Delta R.T.: 0.005 min
Response: 2604066
Conc: 24.41 ug/ml