

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051222AL\
 Data File : FD042436.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2022 6:15
 Operator : UA/NP
 Sample : PB144779BSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144779BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e
 Quant Time: May 13 06:47:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.208	7449535	44.420 ug/ml
Spiked Amount 50.000		Recovery =	88.84%
12) S 1-chlorooctadecane (S...	12.645	6023595	45.648 ug/ml
Spiked Amount 50.000		Recovery =	91.30%
Target Compounds			
1) T n-Nonane (C9)	3.093	6277877	46.058 ug/ml
2) T n-Decane (C10)	4.131	7018209	52.369 ug/ml
3) T A~Naphthalene (C11.7)	5.676	8204476	56.601 ug/ml
4) T n-Dodecane (C12)	6.120	7549281	53.028 ug/ml
5) T A~2-methylnaphthalene...	6.721	8202083	58.858 ug/ml
6) T n-Tetradecane (C14)	7.897	7732377	54.283 ug/ml
7) T n-Hexadecane (C16)	9.481	7821189	53.821 ug/ml
8) T n-Octadecane (C18)	10.911	8113980	54.138 ug/ml
10) T n-Eicosane (C20)	12.209	7725953	50.476 ug/ml
11) T n-Heneicosane (C21)	12.816	7618758	49.419 ug/ml
13) T n-Docosane (C22)	13.398	7475280	48.495 ug/ml
14) T n-Tetracosane (C24)	14.493	7938894	51.333 ug/ml
15) T n-Hexacosane (C26)	15.509	6949816	45.182 ug/ml
16) T n-Octacosane (C28)	16.450	6822968	44.626 ug/ml
17) T n-Tricontane (C30)	17.334	6395755	42.639 ug/ml
18) T n-Dotriacontane (C32)	18.159	6349172	44.903 ug/ml
19) T n-Tetratriacontane (C34)	18.938	5743786	44.632 ug/ml
20) T n-Hexatriacontane (C36)	19.672	5400353	47.723 ug/ml
21) T n-Octatriacontane (C38)	20.370	5156389	51.679 ug/ml
22) T n-Tetracontane (C40)	21.137	4949814	54.877 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP
Sample : PB144779BSD
Misc :
ALS Vial : 65 Sample Multiplier: 1

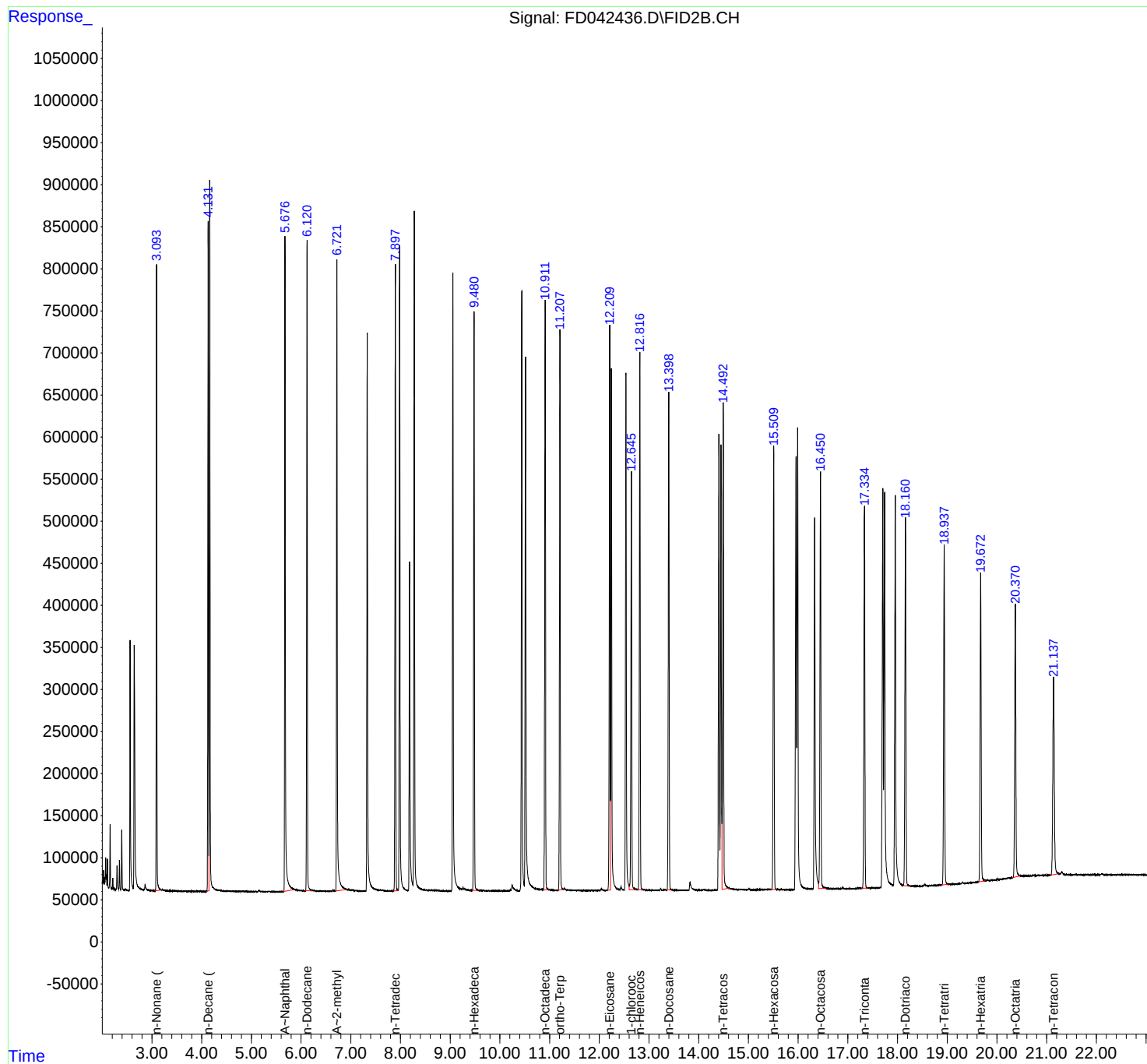
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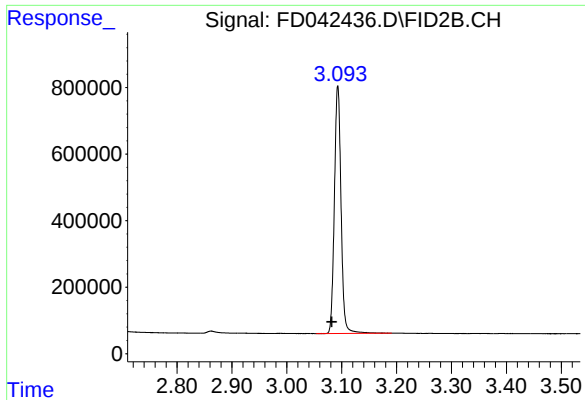
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#1 n-Nonane (C9)

R.T.: 3.093 min
Delta R.T.: 0.011 min
Response: 6277877
Conc: 46.06 ug/ml

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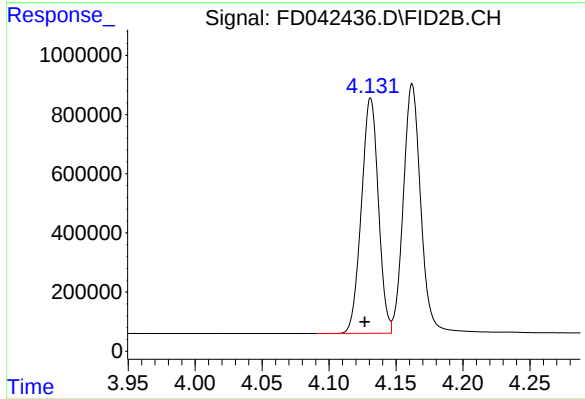
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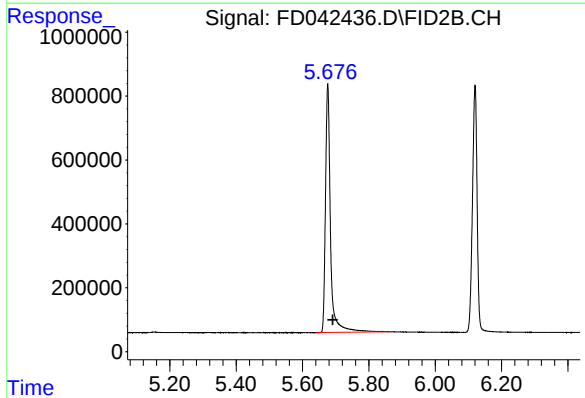
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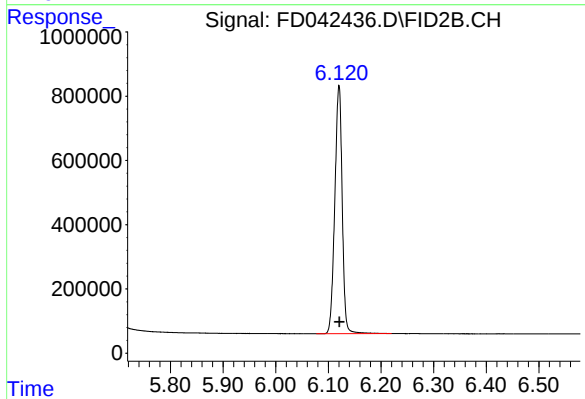
#2 n-Decane (C10)

R.T.: 4.131 min
Delta R.T.: 0.005 min
Response: 7018209
Conc: 52.37 ug/ml



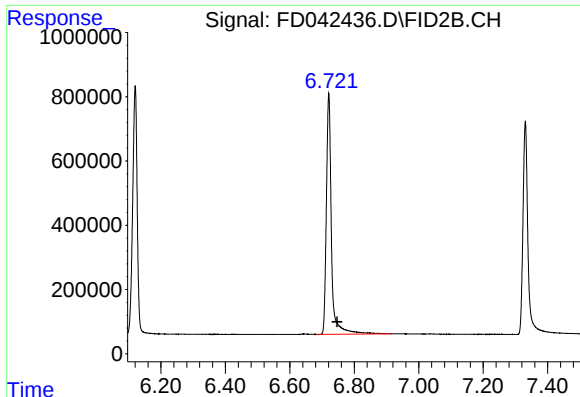
#3 A~Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.015 min
Response: 8204476
Conc: 56.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 7549281
Conc: 53.03 ug/ml



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

R.T.: 6.721 min
Delta R.T.: -0.025 min
Response: 8202083
Conc: 58.86 ug/ml

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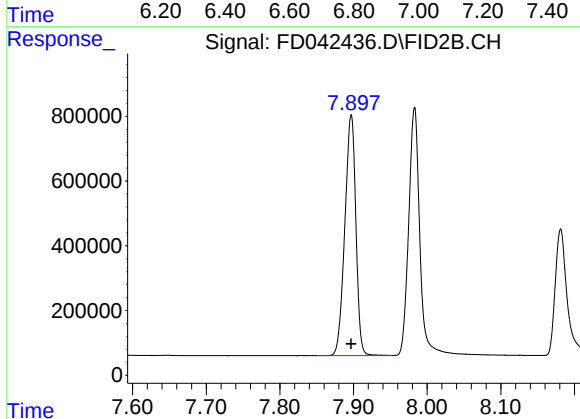
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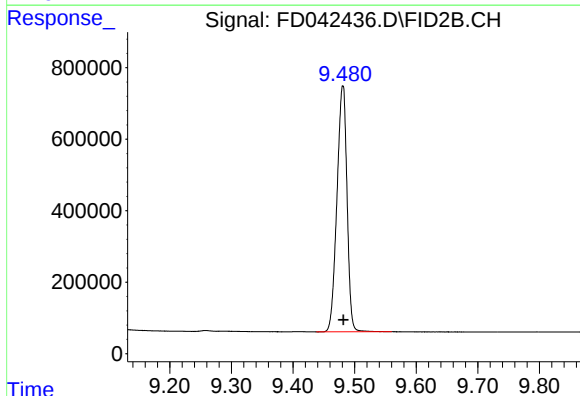
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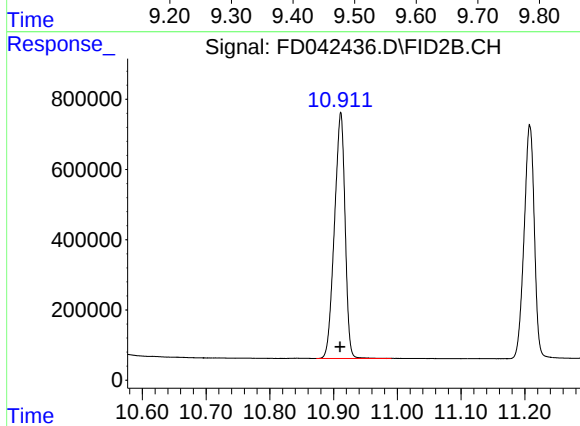
#6 n-Tetradecane (C14)

R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 7732377
Conc: 54.28 ug/ml



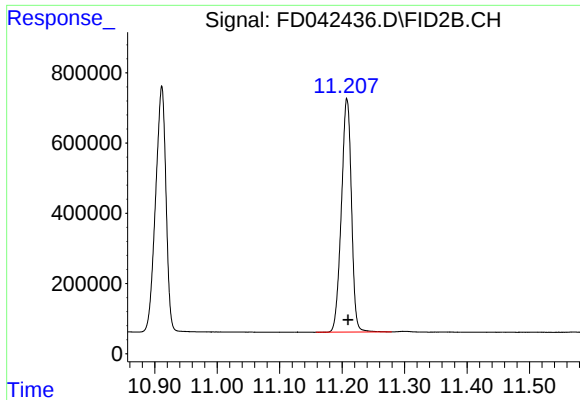
#7 n-Hexadecane (C16)

R.T.: 9.481 min
Delta R.T.: -0.001 min
Response: 7821189
Conc: 53.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.911 min
Delta R.T.: 0.000 min
Response: 8113980
Conc: 54.14 ug/ml



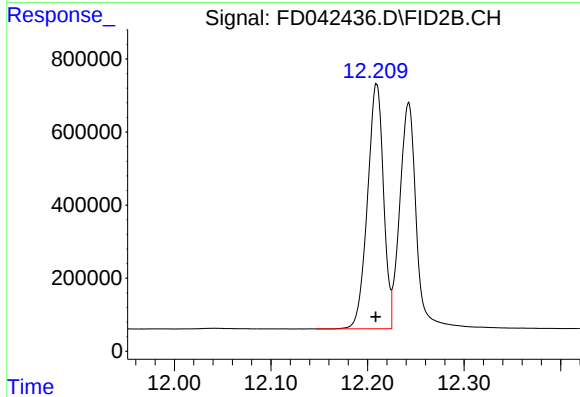
#9 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: -0.002 min
Response: 7449535
Conc: 44.42 ug/ml

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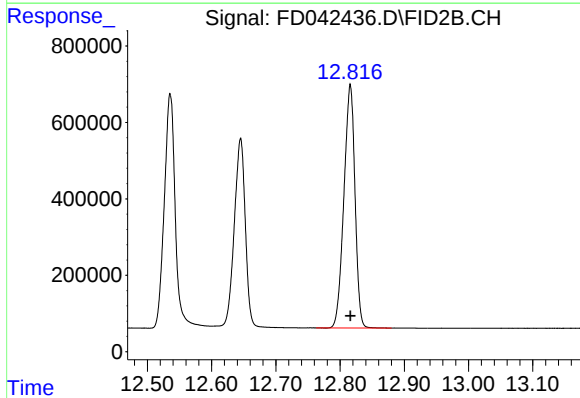
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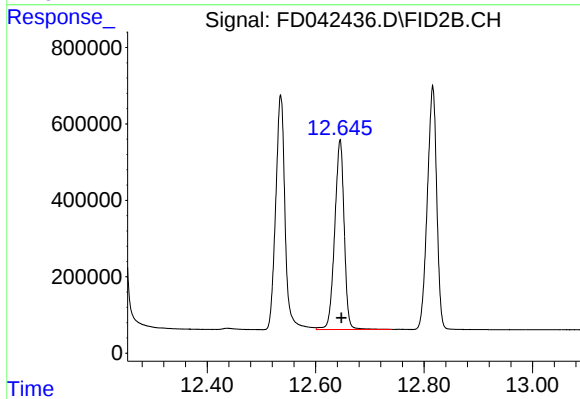
#10 n-Eicosane (C20)

R.T.: 12.209 min
Delta R.T.: 0.000 min
Response: 7725953
Conc: 50.48 ug/ml



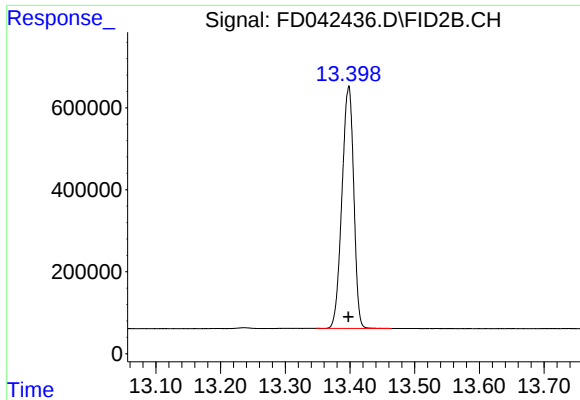
#11 n-Heneicosane (C21)

R.T.: 12.816 min
Delta R.T.: 0.000 min
Response: 7618758
Conc: 49.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.645 min
Delta R.T.: -0.002 min
Response: 6023595
Conc: 45.65 ug/ml



#13 n-Docosane (C22)

R.T.: 13.398 min
Delta R.T.: 0.000 min
Response: 7475280
Conc: 48.50 ug/ml

Instrument :

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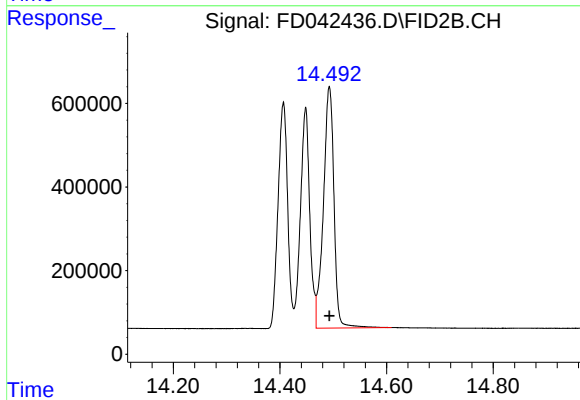
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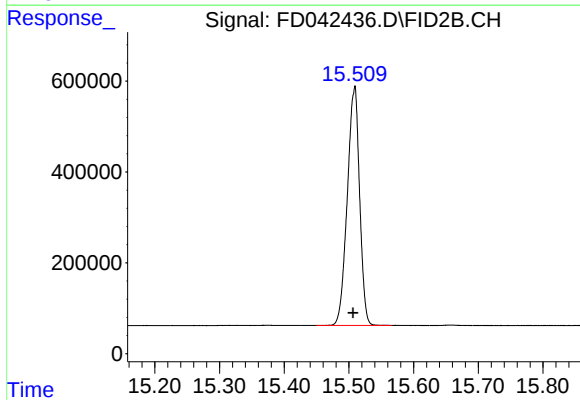
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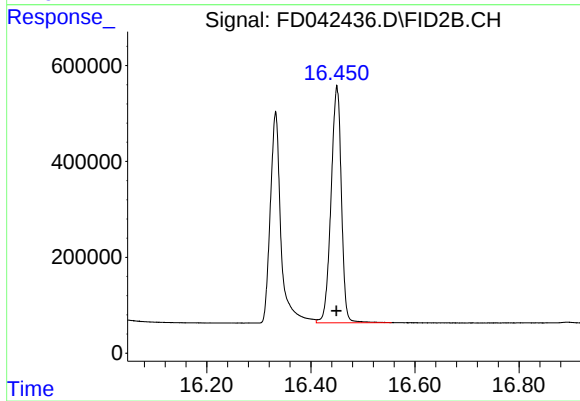
#14 n-Tetracosane (C24)

R.T.: 14.493 min
Delta R.T.: 0.000 min
Response: 7938894
Conc: 51.33 ug/ml



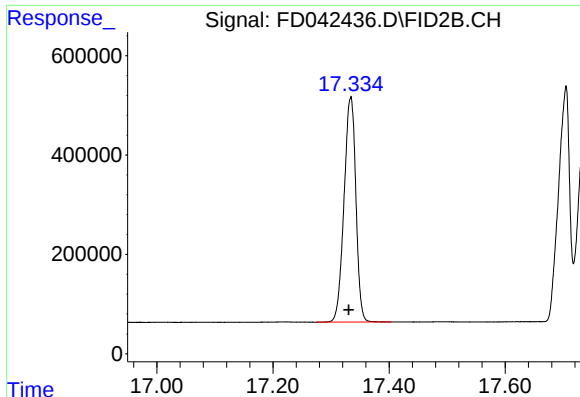
#15 n-Hexacosane (C26)

R.T.: 15.509 min
Delta R.T.: 0.003 min
Response: 6949816
Conc: 45.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.450 min
Delta R.T.: 0.001 min
Response: 6822968
Conc: 44.63 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.334 min
Delta R.T.: 0.003 min
Response: 6395755
Conc: 42.64 ug/ml

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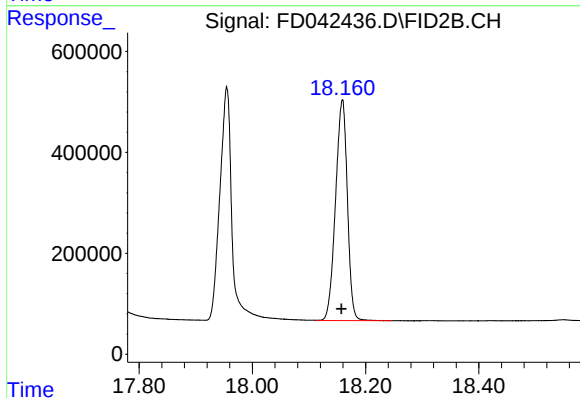
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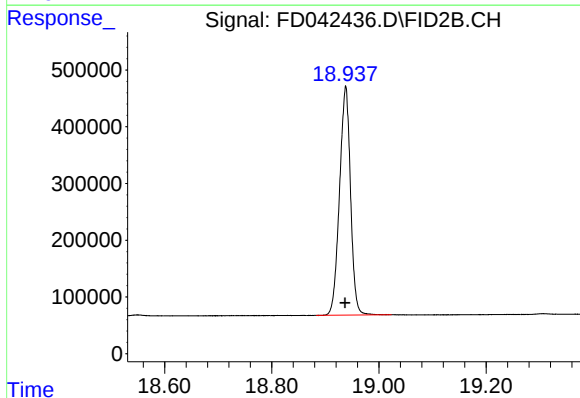
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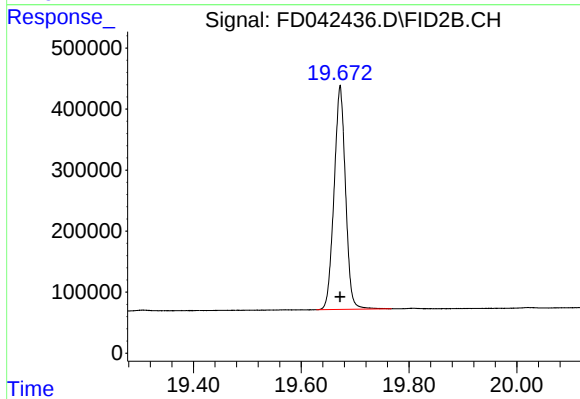
#18 n-Dotriacontane (C32)

R.T.: 18.159 min
Delta R.T.: 0.002 min
Response: 6349172
Conc: 44.90 ug/ml



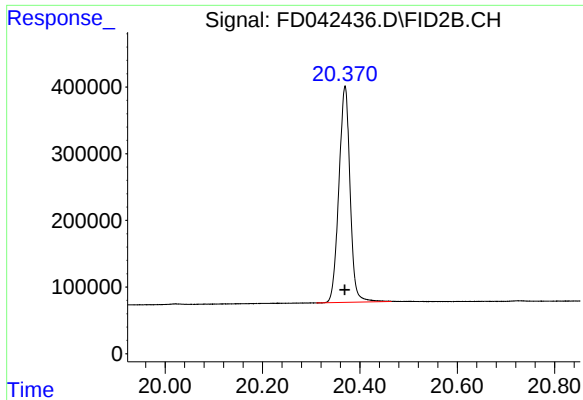
#19 n-Tetratriacontane (C34)

R.T.: 18.938 min
Delta R.T.: 0.001 min
Response: 5743786
Conc: 44.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.672 min
Delta R.T.: 0.000 min
Response: 5400353
Conc: 47.72 ug/ml



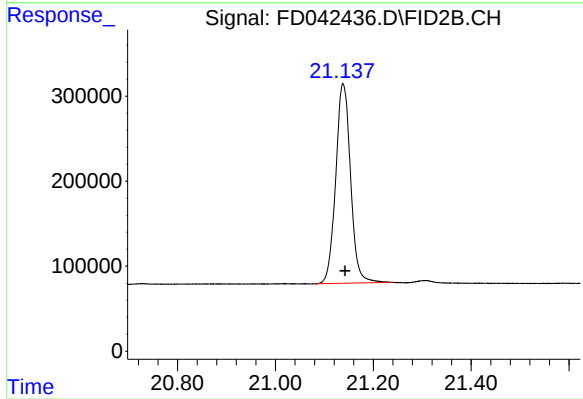
#21 n-Octatriacontane (C38)

R.T.: 20.370 min
Delta R.T.: 0.001 min
Response: 5156389
Conc: 51.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.137 min
Delta R.T.: -0.005 min
Response: 4949814
Conc: 54.88 ug/ml m