

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AL\
 Data File : FD040347.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 17:39
 Operator : AJ\MA
 Sample : M5257-01MS
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 D3-12292021MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2022
 Supervised By :Ankita Jodhani 01/03/2022

Integration File: autoint1.e
 Quant Time: Jan 03 03:13:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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			
12) S 1-chlorooctadecane (S...	12.123	2548290	21.130 ug/ml
Spiked Amount 50.000		Recovery =	42.26%
Target Compounds			
1) T n-Nonane (C9)	2.623	2455464	18.711 ug/mlm
2) T n-Decane (C10)	3.618	8963669	67.718 ug/mlm
4) T n-Dodecane (C12)	5.587	3775381	28.427 ug/ml
6) T n-Tetradecane (C14)	7.364	4284487	30.990 ug/ml
7) T n-Hexadecane (C16)	8.952	4911378	35.819 ug/ml
8) T n-Octadecane (C18)	10.384	5056553	35.807 ug/ml
10) T n-Eicosane (C20)	11.685	4924271	35.222 ug/ml
11) T n-Heneicosane (C21)	12.293	4827424	34.119 ug/ml
13) T n-Docosane (C22)	12.876	4787552	34.114 ug/ml
14) T n-Tetracosane (C24)	13.973	4645458	33.086 ug/ml
15) T n-Hexacosane (C26)	14.988	4457761	32.419 ug/ml
16) T n-Octacosane (C28)	15.933	4408775	32.409 ug/mlm
17) T n-Tricontane (C30)	16.815	4528621	33.839 ug/mlm
18) T n-Dotriacontane (C32)	17.644	4160516	32.141 ug/mlm
19) T n-Tetratriacontane (C34)	18.424	4052058	33.421 ug/mlm
20) T n-Hexatriacontane (C36)	19.160	3286763	30.841 ug/mlm
21) T n-Octatriacontane (C38)	19.864	3335480	36.119 ug/mlm
22) T n-Tetracontane (C40)	20.686	3064500	39.356 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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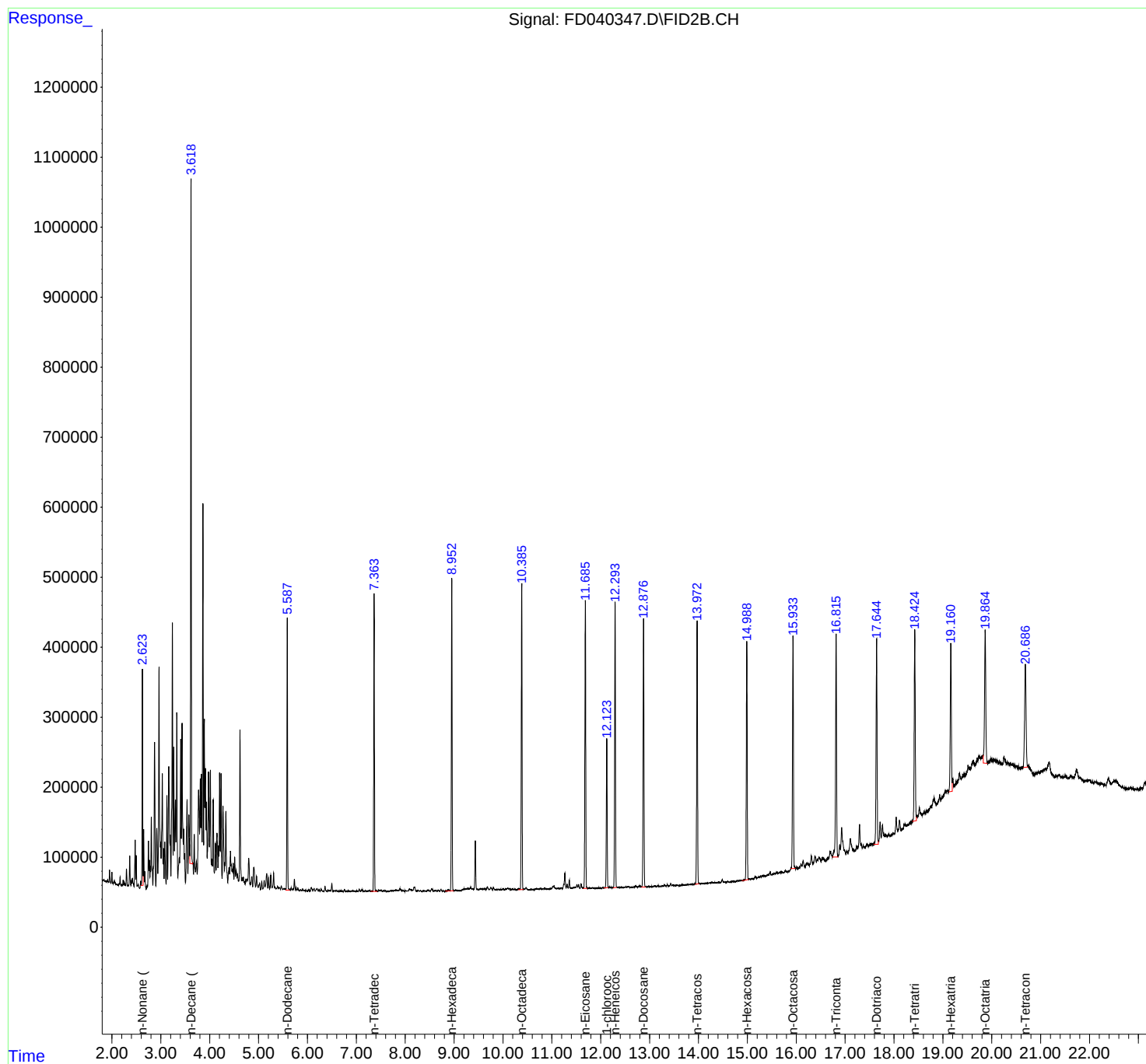
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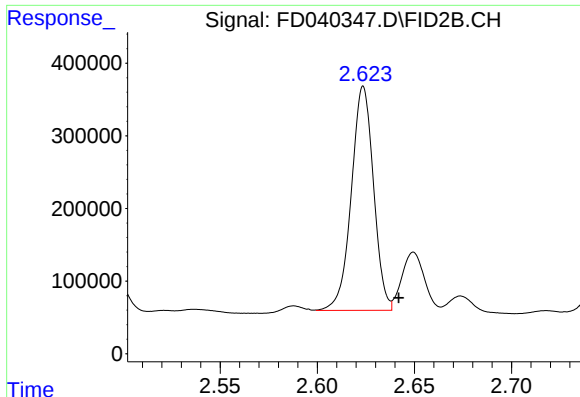
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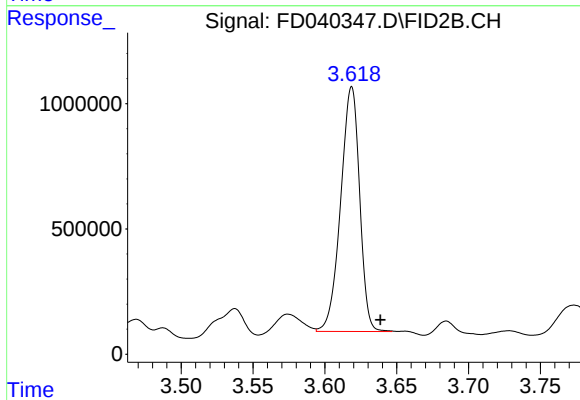
#1 n-Nonane (C9)

R.T.: 2.623 min
Delta R.T.: -0.019 min
Response: 2455464
Conc: 18.71 ug/ml

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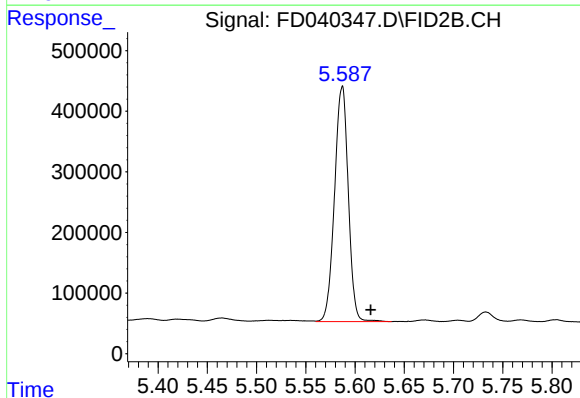
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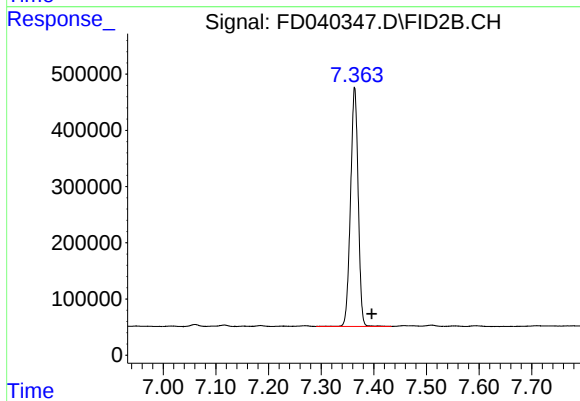
#2 n-Decane (C10)

R.T.: 3.618 min
Delta R.T.: -0.020 min
Response: 8963669
Conc: 67.72 ug/ml m



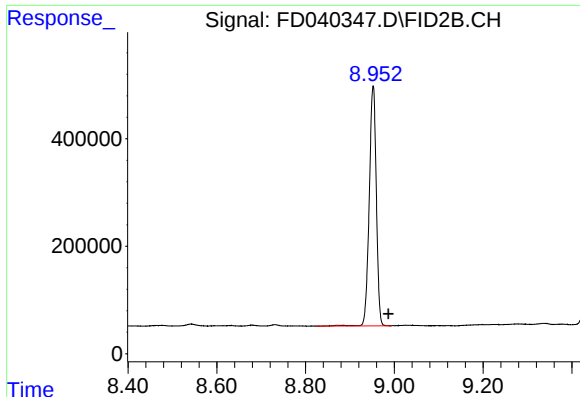
#4 n-Dodecane (C12)

R.T.: 5.587 min
Delta R.T.: -0.029 min
Response: 3775381
Conc: 28.43 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.364 min
Delta R.T.: -0.032 min
Response: 4284487
Conc: 30.99 ug/ml



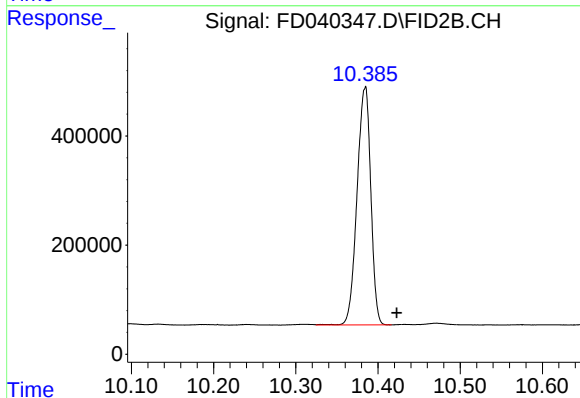
#7 n-Hexadecane (C16)

R.T.: 8.952 min
Delta R.T.: -0.035 min
Response: 4911378
Conc: 35.82 ug/ml

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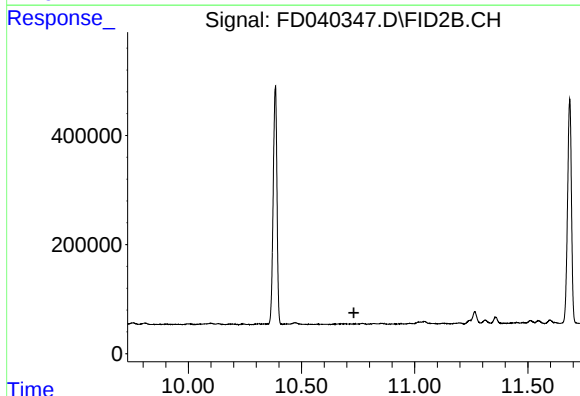
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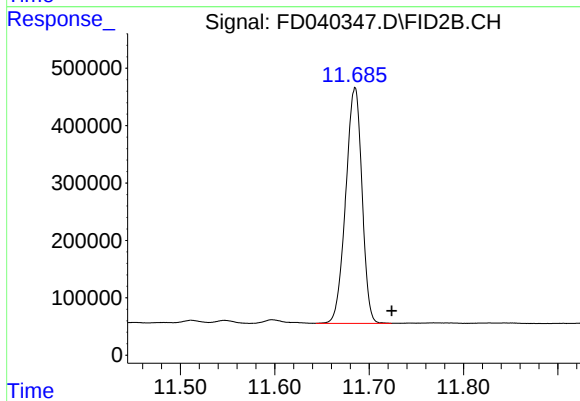
#8 n-Octadecane (C18)

R.T.: 10.384 min
Delta R.T.: -0.038 min
Response: 5056553
Conc: 35.81 ug/ml



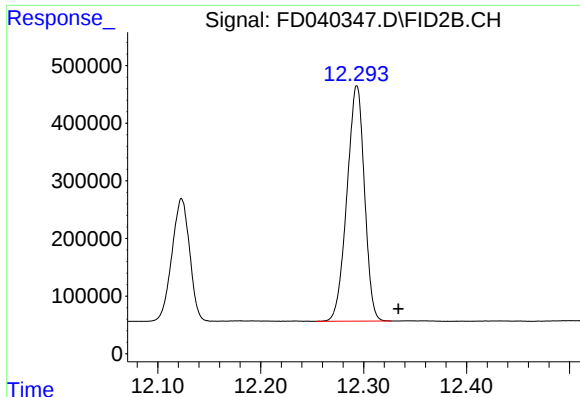
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.731 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.685 min
Delta R.T.: -0.039 min
Response: 4924271
Conc: 35.22 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.293 min
Delta R.T.: -0.040 min
Response: 4827424
Conc: 34.12 ug/ml

Instrument :

FID_D

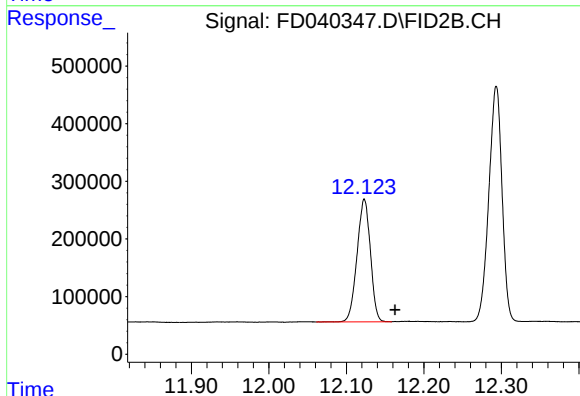
ClientSampleId :

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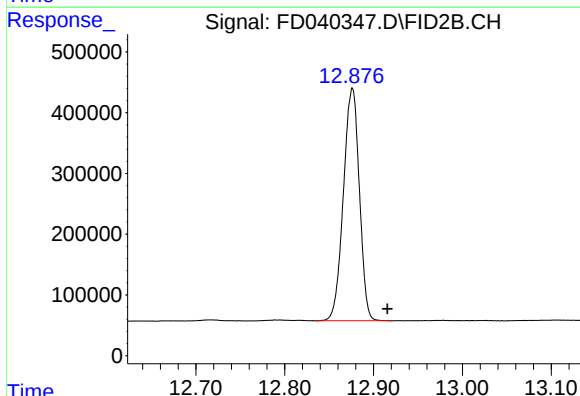
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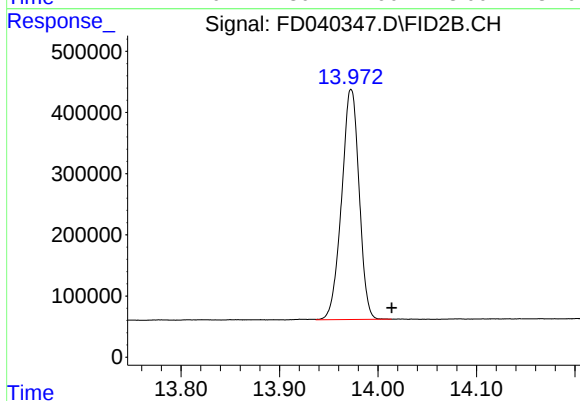
#12 1-chlorooctadecane (SURR)

R.T.: 12.123 min
Delta R.T.: -0.040 min
Response: 2548290
Conc: 21.13 ug/ml



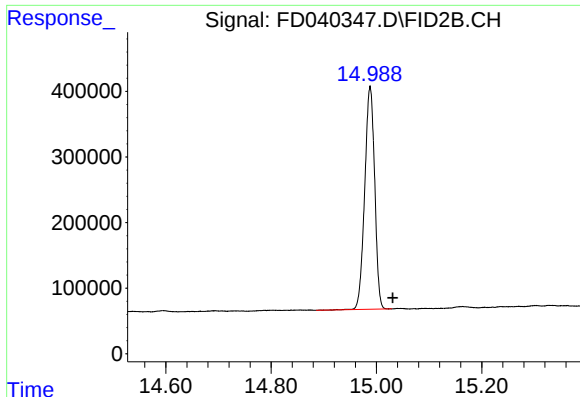
#13 n-Docosane (C22)

R.T.: 12.876 min
Delta R.T.: -0.039 min
Response: 4787552
Conc: 34.11 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.973 min
Delta R.T.: -0.041 min
Response: 4645458
Conc: 33.09 ug/ml



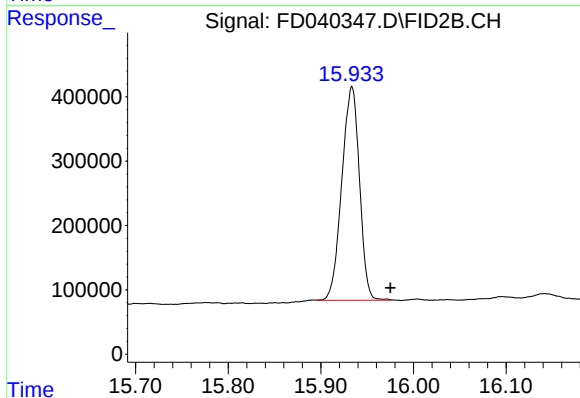
#15 n-Hexacosane (C26)

R.T.: 14.988 min
Delta R.T.: -0.043 min
Response: 4457761
Conc: 32.42 ug/ml

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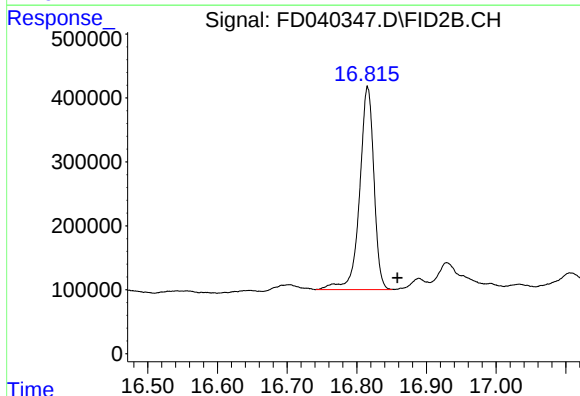
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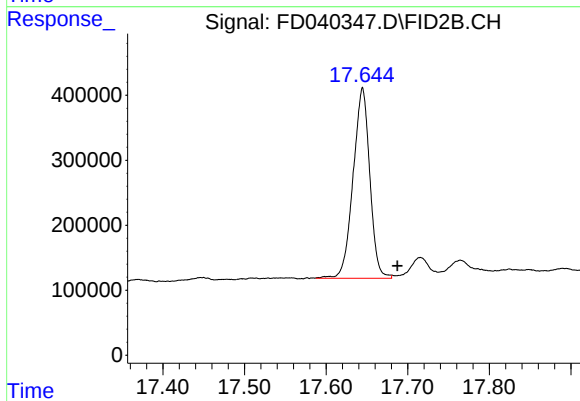
#16 n-Octacosane (C28)

R.T.: 15.933 min
Delta R.T.: -0.042 min
Response: 4408775
Conc: 32.41 ug/ml m



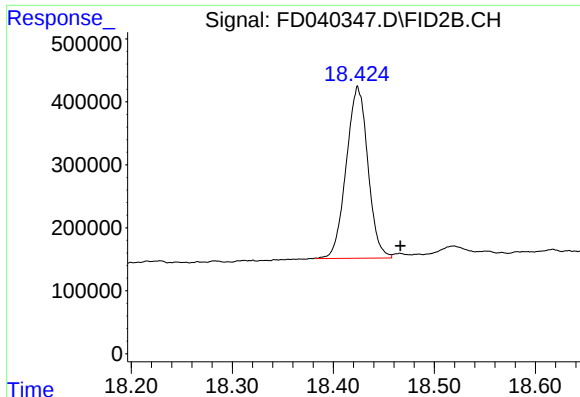
#17 n-Tricontane (C30)

R.T.: 16.815 min
Delta R.T.: -0.044 min
Response: 4528621
Conc: 33.84 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.644 min
Delta R.T.: -0.043 min
Response: 4160516
Conc: 32.14 ug/ml m



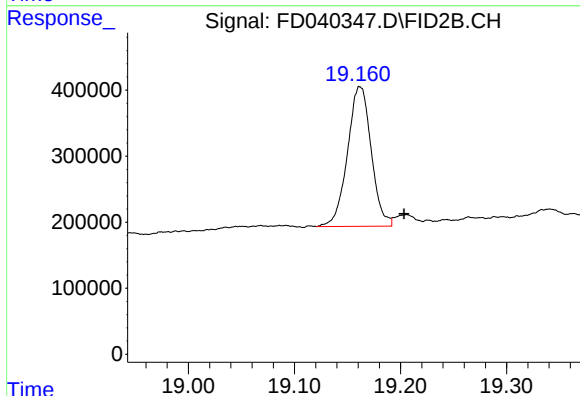
#19 n-Tetratriacontane (C34)

R.T.: 18.424 min
Delta R.T.: -0.043 min
Response: 4052058
Conc: 33.42 ug/ml

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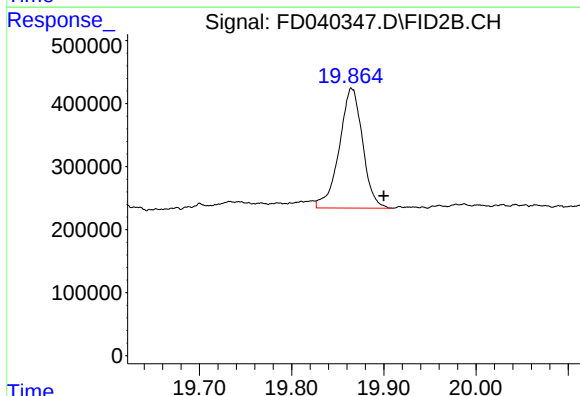
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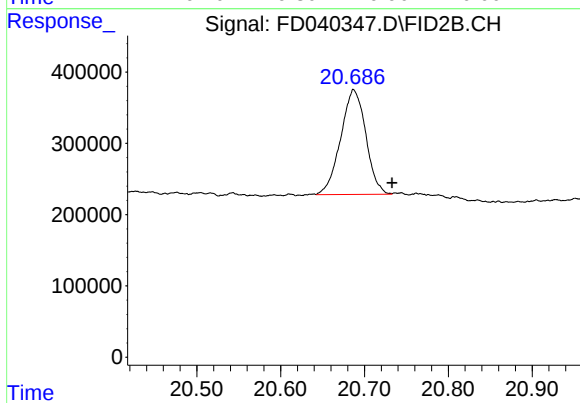
#20 n-Hexatriacontane (C36)

R.T.: 19.160 min
Delta R.T.: -0.043 min
Response: 3286763
Conc: 30.84 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.864 min
Delta R.T.: -0.036 min
Response: 3335480
Conc: 36.12 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.686 min
Delta R.T.: -0.047 min
Response: 3064500
Conc: 39.36 ug/ml m