

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030122AL\
 Data File : FD041337.D
 Signal(s) : FID2B.CH
 Acq On : 01 Mar 2022 17:47
 Operator : UA/NP
 Sample : N1711-01MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 NB-07-022822MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/02/2022
 Supervised By :Ankita Jodhani 03/02/2022

Integration File: sample.E
 Quant Time: Mar 02 00:25:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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)	11.251	5301586	30.563 ug/ml
Spiked Amount 50.000		Recovery =	61.13%
12) S 1-chlorooctadecane (S...	12.691	4416496	32.622 ug/ml
Spiked Amount 50.000		Recovery =	65.24%
Target Compounds			
1) T n-Nonane (C9)	3.112	4074495	27.981 ug/ml
2) T n-Decane (C10)	4.158	4577036	31.698 ug/ml
3) T A~Naphthalene (C11.7)	5.707	5334572	33.394 ug/ml
4) T n-Dodecane (C12)	6.154	4907382	33.135 ug/ml
5) T A~2-methylnaphthalene...	6.753	5405864	33.780 ug/ml
6) T n-Tetradecane (C14)	7.933	5335192	35.637 ug/ml
7) T n-Hexadecane (C16)	9.521	5797971	38.086 ug/ml
8) T n-Octadecane (C18)	10.953	6072140	39.067 ug/ml
10) T n-Eicosane (C20)	12.254	6112874	39.376 ug/ml
11) T n-Heneicosane (C21)	12.862	6257110	39.960 ug/ml
13) T n-Docosane (C22)	13.445	5794688	37.000 ug/ml
14) T n-Tetracosane (C24)	14.542	5637210	35.940 ug/ml
15) T n-Hexacosane (C26)	15.559	5423526	35.299 ug/ml
16) T n-Octacosane (C28)	16.502	5440578	36.556 ug/ml
17) T n-Tricontane (C30)	17.387	5196447	36.932 ug/ml
18) T n-Dotriacontane (C32)	18.215	4871421	38.289 ug/mlm
19) T n-Tetratriacontane (C34)	18.993	4919001	43.188 ug/mlm
20) T n-Hexatriacontane (C36)	19.733	4825413	47.080 ug/mlm
21) T n-Octatriacontane (C38)	20.430	4638931	48.860 ug/mlm
22) T n-Tetracontane (C40)	21.225	4626747	48.819 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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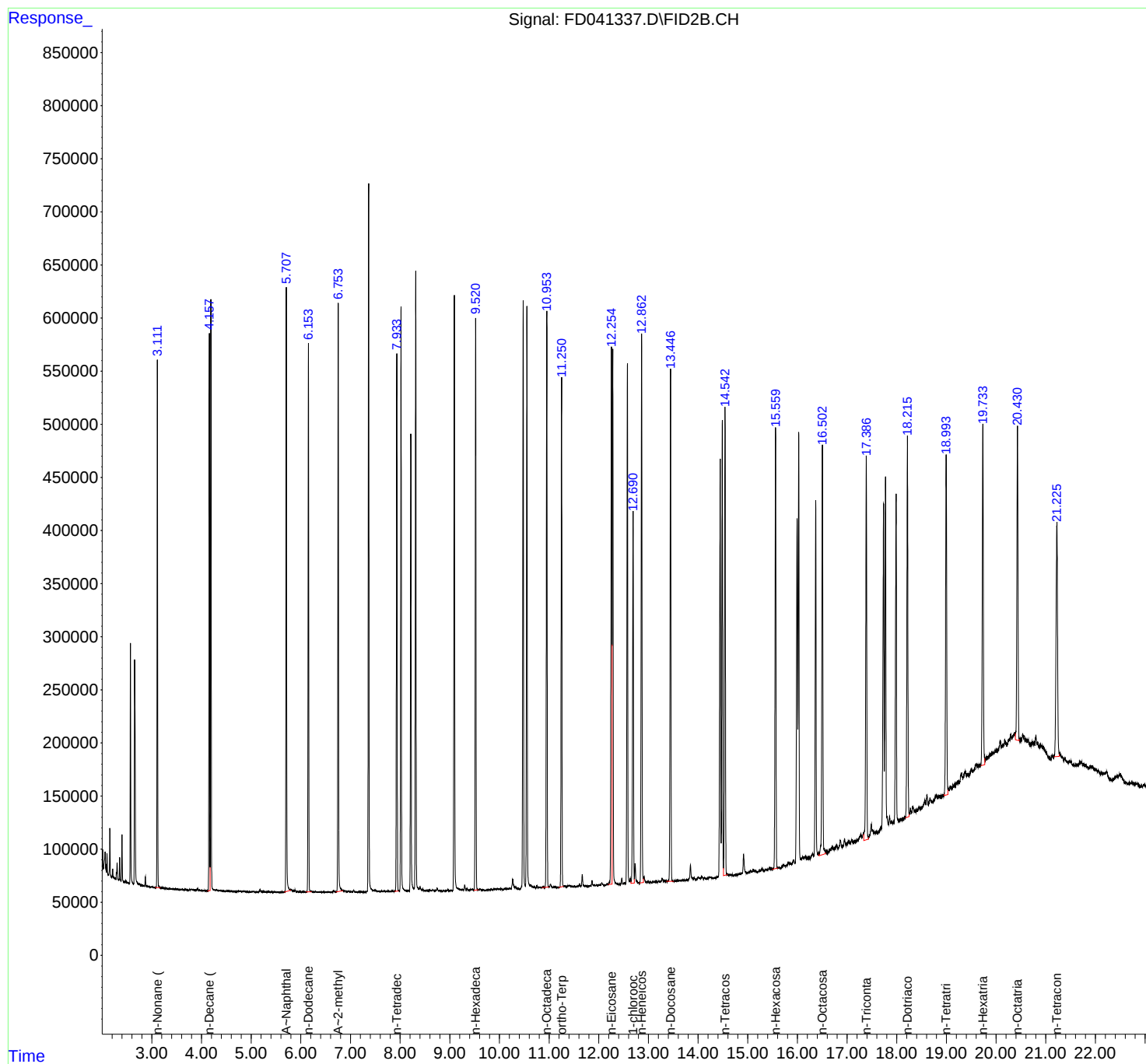
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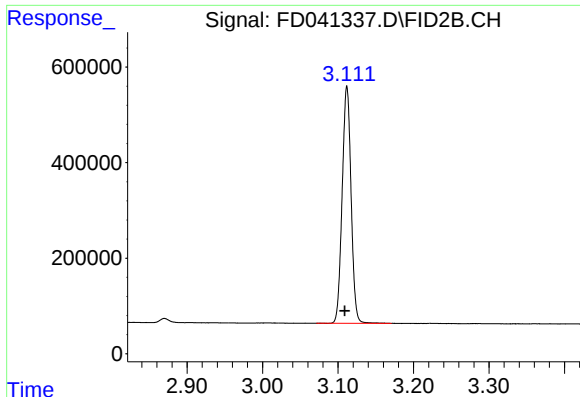
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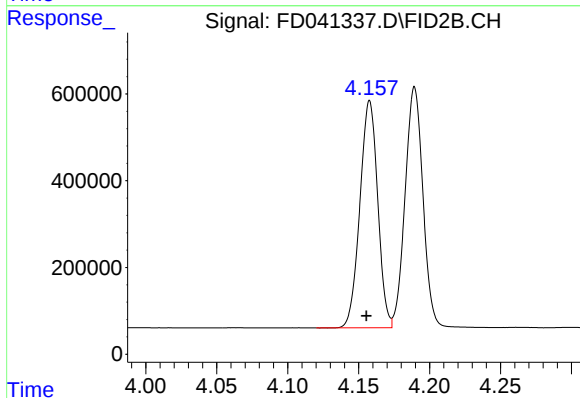
#1 n-Nonane (C9)

R.T.: 3.112 min
Delta R.T.: 0.003 min
Response: 4074495
Conc: 27.98 ug/ml

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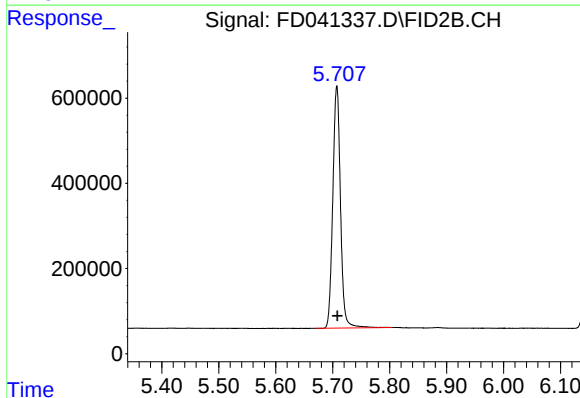
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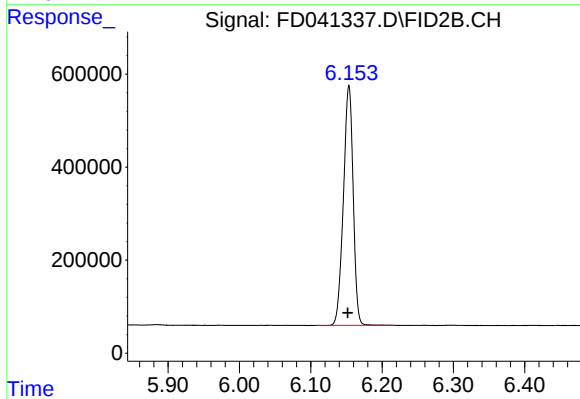
#2 n-Decane (C10)

R.T.: 4.158 min
Delta R.T.: 0.002 min
Response: 4577036
Conc: 31.70 ug/ml



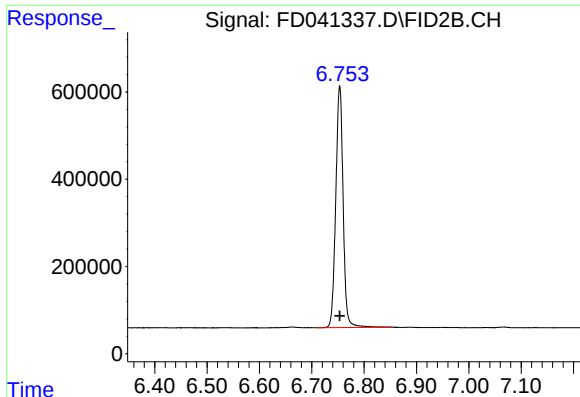
#3 A~Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 5334572
Conc: 33.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.154 min
Delta R.T.: 0.002 min
Response: 4907382
Conc: 33.13 ug/ml



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

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 5405864
Conc: 33.78 ug/ml

Instrument :

FID_D

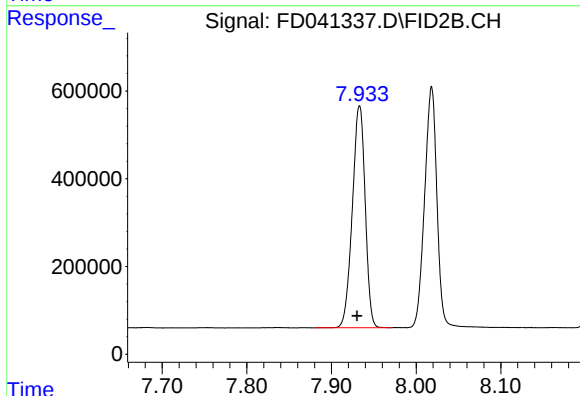
ClientSampleId :

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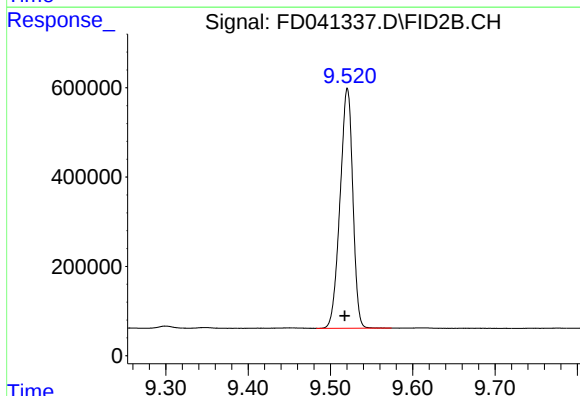
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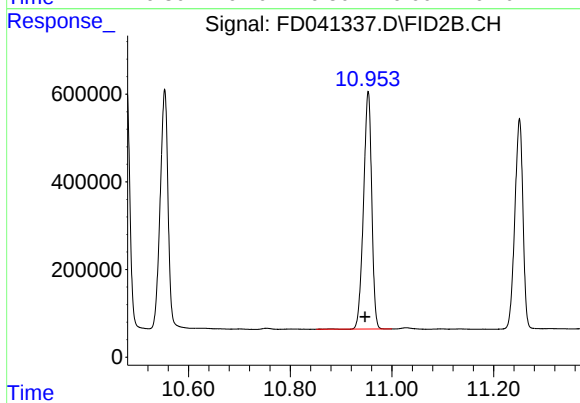
#6 n-Tetradecane (C14)

R.T.: 7.933 min
Delta R.T.: 0.003 min
Response: 5335192
Conc: 35.64 ug/ml



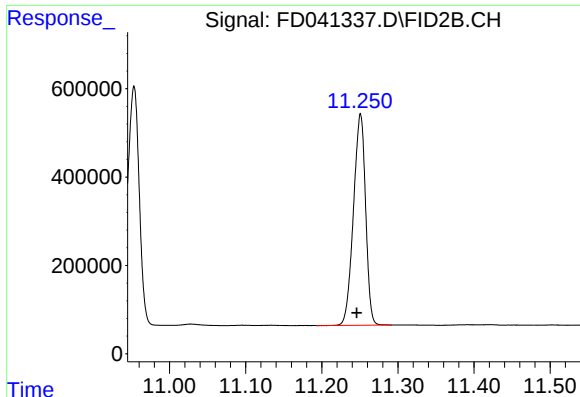
#7 n-Hexadecane (C16)

R.T.: 9.521 min
Delta R.T.: 0.003 min
Response: 5797971
Conc: 38.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.953 min
Delta R.T.: 0.006 min
Response: 6072140
Conc: 39.07 ug/ml



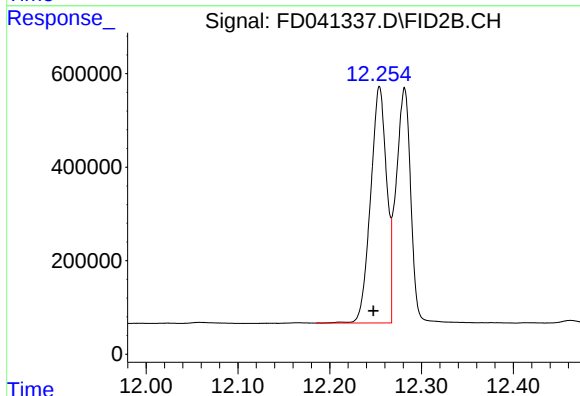
#9 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: 0.005 min
Response: 5301586
Conc: 30.56 ug/ml

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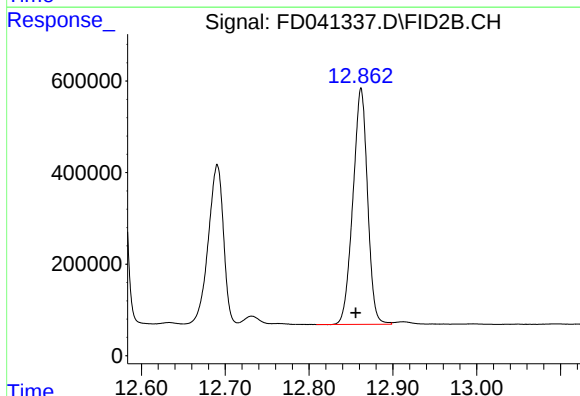
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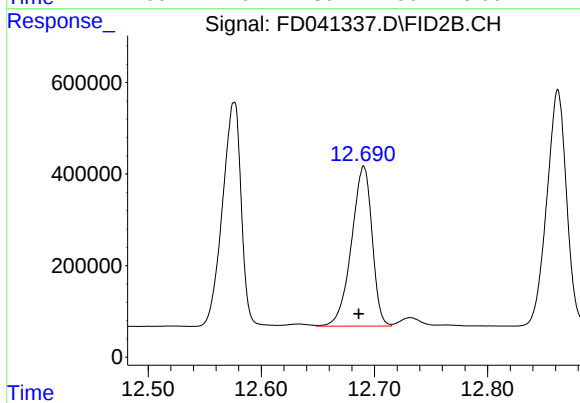
#10 n-Eicosane (C20)

R.T.: 12.254 min
Delta R.T.: 0.006 min
Response: 6112874
Conc: 39.38 ug/ml



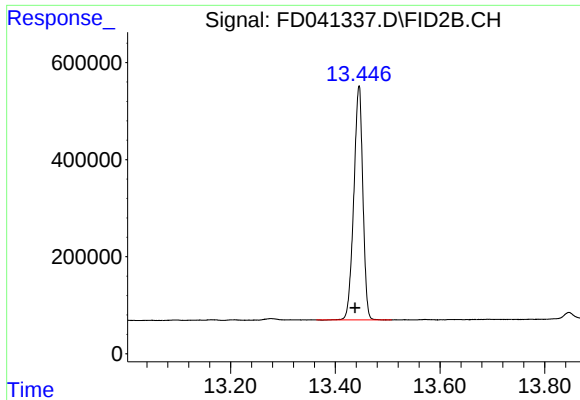
#11 n-Heneicosane (C21)

R.T.: 12.862 min
Delta R.T.: 0.006 min
Response: 6257110
Conc: 39.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.691 min
Delta R.T.: 0.004 min
Response: 4416496
Conc: 32.62 ug/ml



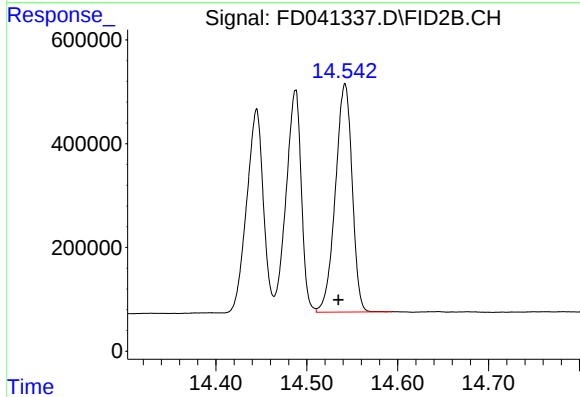
#13 n-Docosane (C22)

R.T.: 13.445 min
Delta R.T.: 0.008 min
Response: 5794688
Conc: 37.00 ug/ml

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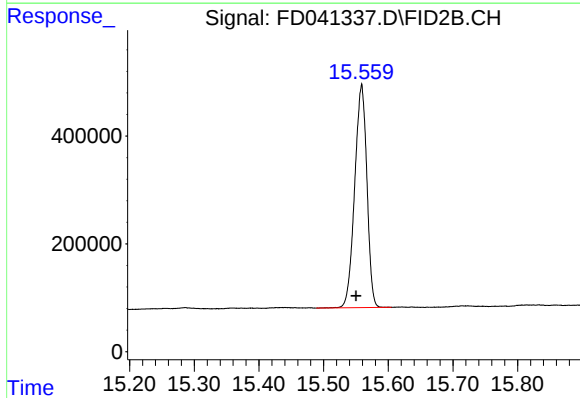
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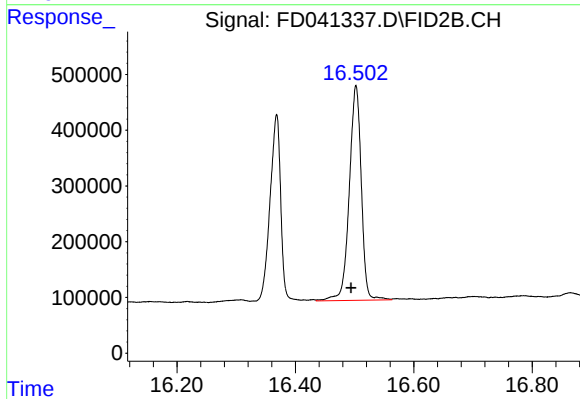
#14 n-Tetracosane (C24)

R.T.: 14.542 min
Delta R.T.: 0.007 min
Response: 5637210
Conc: 35.94 ug/ml



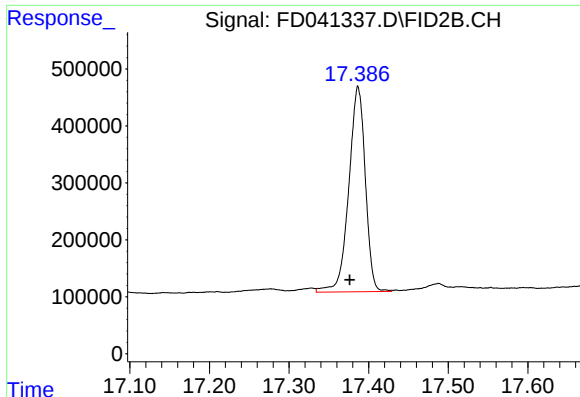
#15 n-Hexacosane (C26)

R.T.: 15.559 min
Delta R.T.: 0.009 min
Response: 5423526
Conc: 35.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.502 min
Delta R.T.: 0.008 min
Response: 5440578
Conc: 36.56 ug/ml



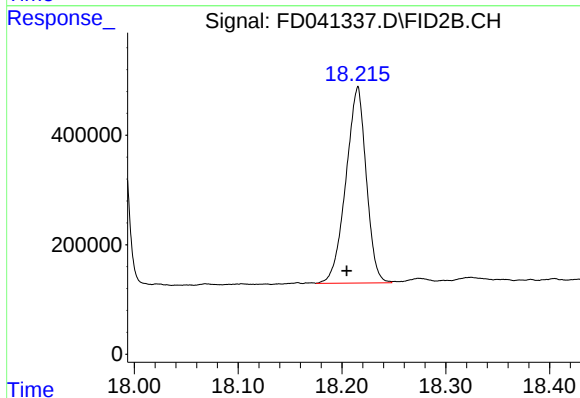
#17 n-Tricontane (C30)

R.T.: 17.387 min
Delta R.T.: 0.010 min
Response: 5196447
Conc: 36.93 ug/ml

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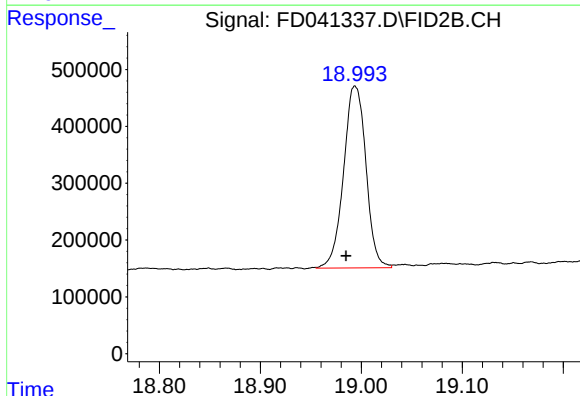
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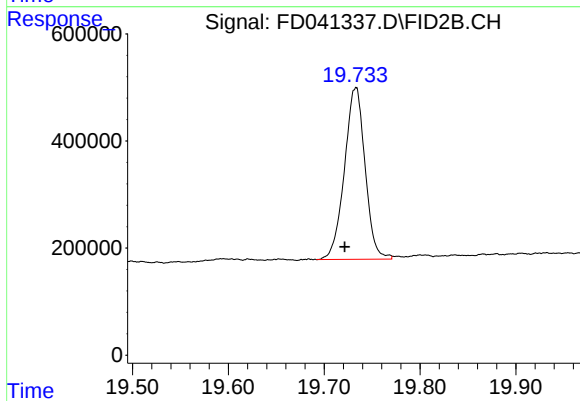
#18 n-Dotriacontane (C32)

R.T.: 18.215 min
Delta R.T.: 0.011 min
Response: 4871421
Conc: 38.29 ug/ml m



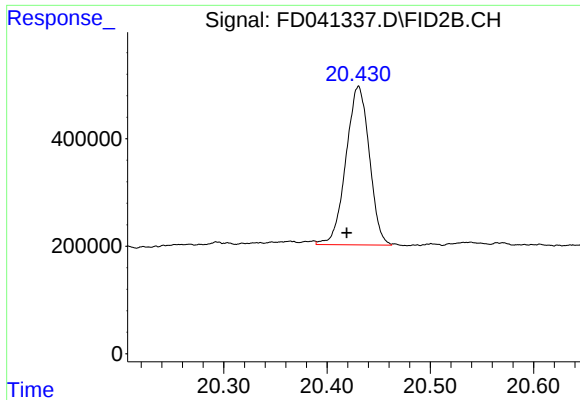
#19 n-Tetratriacontane (C34)

R.T.: 18.993 min
Delta R.T.: 0.009 min
Response: 4919001
Conc: 43.19 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.733 min
Delta R.T.: 0.011 min
Response: 4825413
Conc: 47.08 ug/ml m



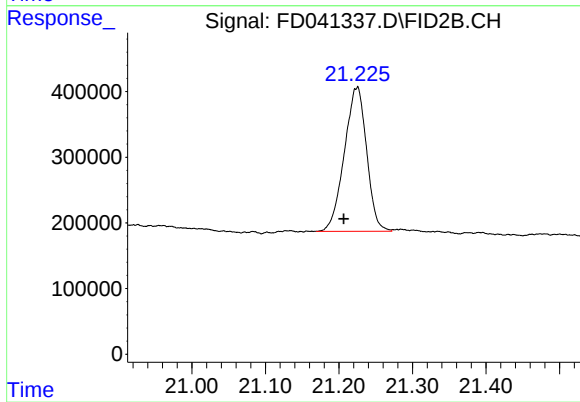
#21 n-Octatriacontane (C38)

R.T.: 20.430 min
Delta R.T.: 0.011 min
Response: 4638931
Conc: 48.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.225 min
Delta R.T.: 0.019 min
Response: 4626747
Conc: 48.82 ug/ml m