

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030122AL\
 Data File : FD041336.D
 Signal(s) : FID2B.CH
 Acq On : 01 Mar 2022 17:06
 Operator : UA/NP
 Sample : N1711-01MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 NB-07-022822MS

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 00:25:32 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)	11.250	5144664	29.659 ug/ml
Spiked Amount 50.000		Recovery =	59.32%
12) S 1-chlorooctadecane (S...	12.690	4281423	31.624 ug/ml
Spiked Amount 50.000		Recovery =	63.25%
Target Compounds			
1) T n-Nonane (C9)	3.112	3926525	26.964 ug/ml
2) T n-Decane (C10)	4.158	4404722	30.505 ug/ml
3) T A~Naphthalene (C11.7)	5.707	5129739	32.112 ug/ml
4) T n-Dodecane (C12)	6.153	4740483	32.008 ug/ml
5) T A~2-methylnaphthalene...	6.753	5203704	32.517 ug/ml
6) T n-Tetradecane (C14)	7.932	5167691	34.518 ug/ml
7) T n-Hexadecane (C16)	9.520	5613579	36.875 ug/ml
8) T n-Octadecane (C18)	10.952	5890613	37.899 ug/ml
10) T n-Eicosane (C20)	12.253	5940411	38.265 ug/ml
11) T n-Heneicosane (C21)	12.862	6348105	40.541 ug/ml
13) T n-Docosane (C22)	13.444	5623726	35.909 ug/ml
14) T n-Tetracosane (C24)	14.541	5452846	34.764 ug/ml
15) T n-Hexacosane (C26)	15.558	5236972	34.085 ug/ml
16) T n-Octacosane (C28)	16.502	5180327	34.808 ug/ml
17) T n-Tricontane (C30)	17.385	4843158	34.421 ug/mlm
18) T n-Dotriacontane (C32)	18.214	4928785	38.740 ug/ml
19) T n-Tetratriacontane (C34)	18.995	4749102	41.696 ug/mlm
20) T n-Hexatriacontane (C36)	19.733	4508622	43.989 ug/mlm
21) T n-Octatriacontane (C38)	20.428	4455387	46.927 ug/mlm
22) T n-Tetracontane (C40)	21.220	4361549	46.021 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 57 Sample Multiplier: 1

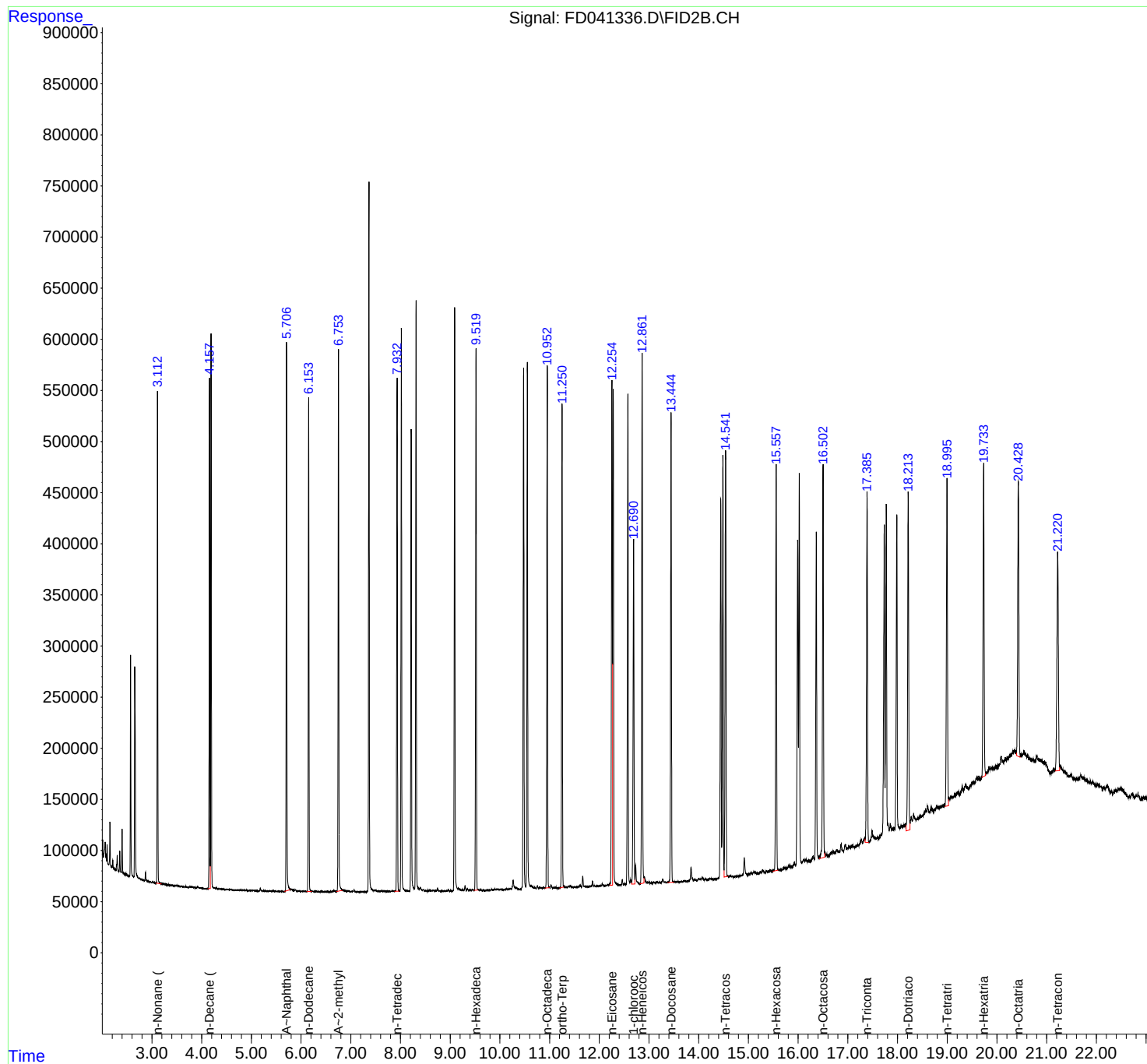
Instrument :
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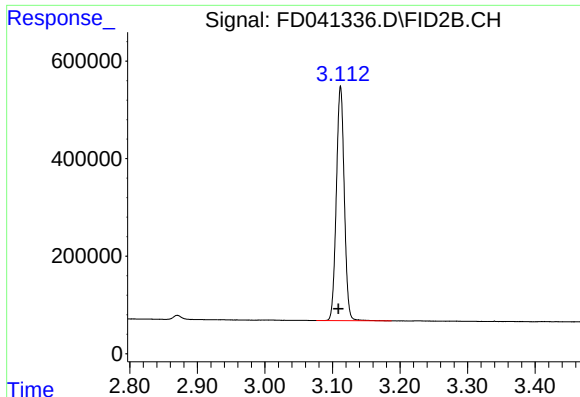
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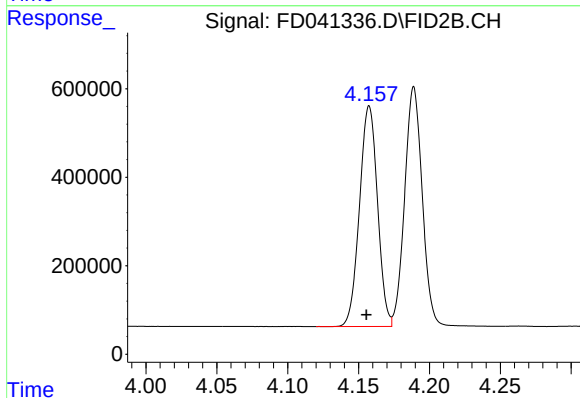
#1 n-Nonane (C9)

R.T.: 3.112 min
Delta R.T.: 0.003 min
Response: 3926525
Conc: 26.96 ug/ml

Instrument :
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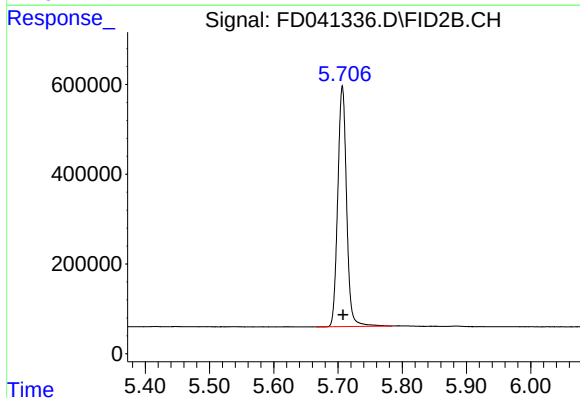
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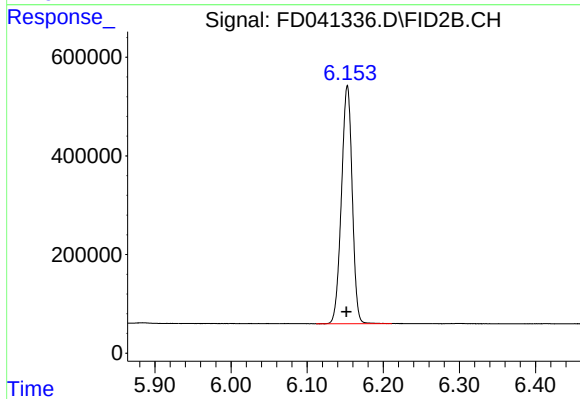
#2 n-Decane (C10)

R.T.: 4.158 min
Delta R.T.: 0.002 min
Response: 4404722
Conc: 30.51 ug/ml



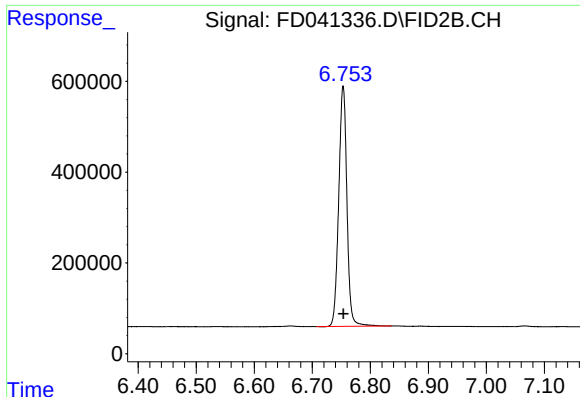
#3 A~Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: -0.001 min
Response: 5129739
Conc: 32.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.153 min
Delta R.T.: 0.001 min
Response: 4740483
Conc: 32.01 ug/ml



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

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 5203704
Conc: 32.52 ug/ml

Instrument :

FID_D

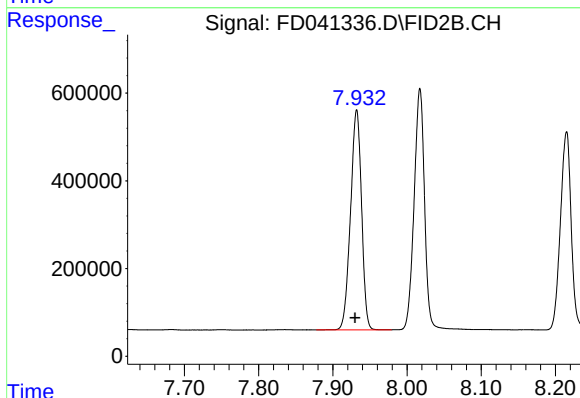
ClientSampleId :

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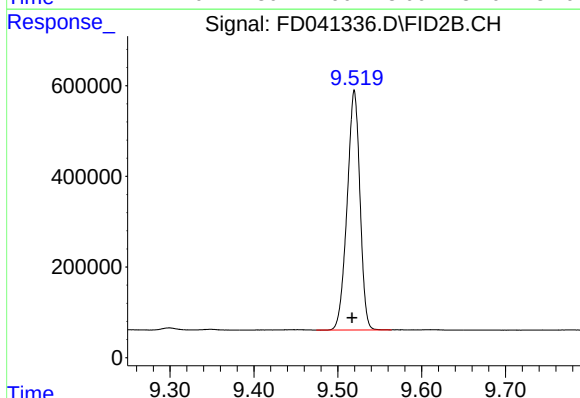
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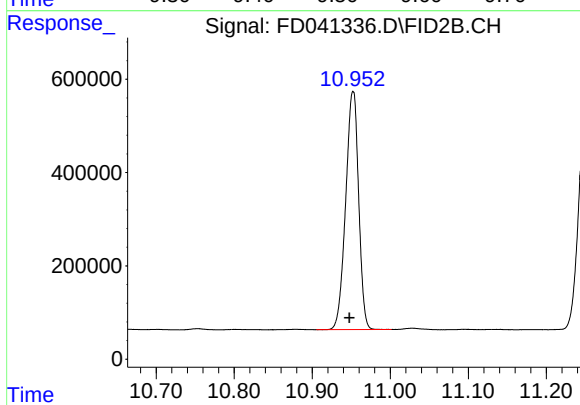
#6 n-Tetradecane (C14)

R.T.: 7.932 min
Delta R.T.: 0.002 min
Response: 5167691
Conc: 34.52 ug/ml



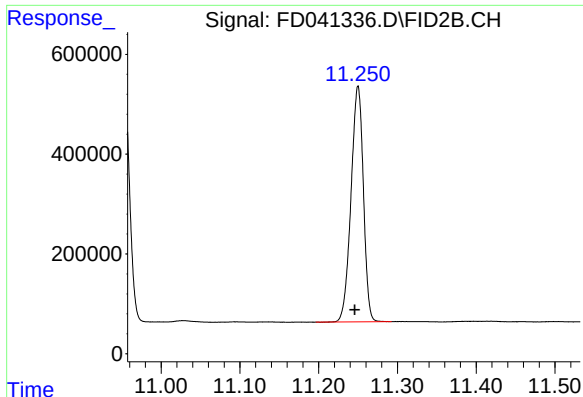
#7 n-Hexadecane (C16)

R.T.: 9.520 min
Delta R.T.: 0.003 min
Response: 5613579
Conc: 36.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.952 min
Delta R.T.: 0.005 min
Response: 5890613
Conc: 37.90 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: 0.004 min
Response: 5144664
Conc: 29.66 ug/ml

Instrument :

FID_D

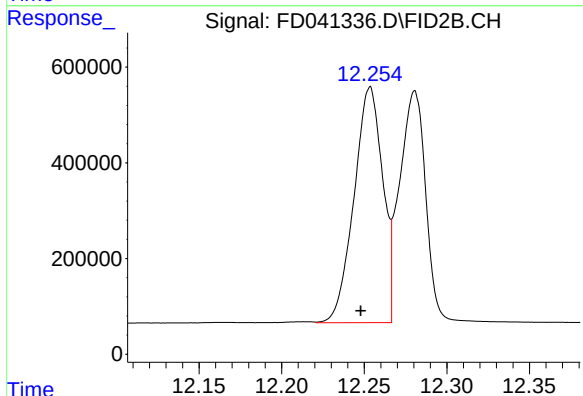
ClientSampleId :

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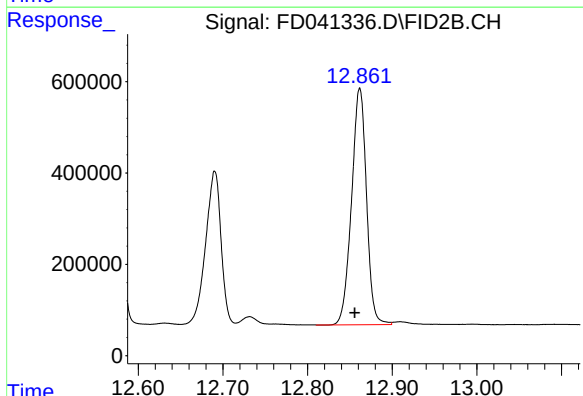
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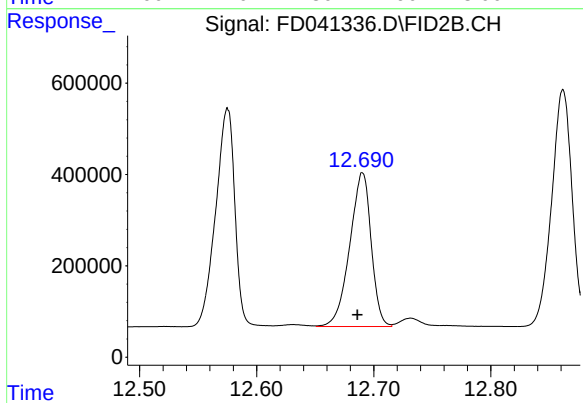
#10 n-Eicosane (C20)

R.T.: 12.253 min
Delta R.T.: 0.006 min
Response: 5940411
Conc: 38.27 ug/ml



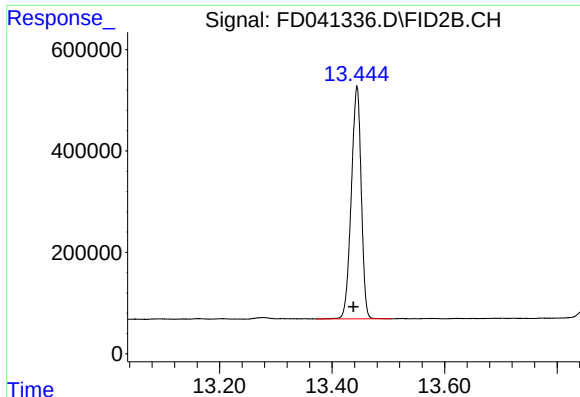
#11 n-Heneicosane (C21)

R.T.: 12.862 min
Delta R.T.: 0.006 min
Response: 6348105
Conc: 40.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.690 min
Delta R.T.: 0.004 min
Response: 4281423
Conc: 31.62 ug/ml



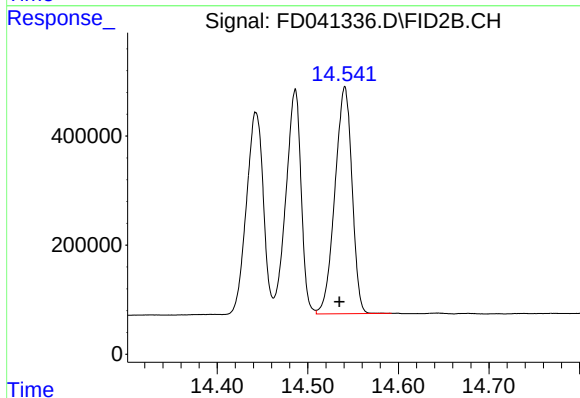
#13 n-Docosane (C22)

R.T.: 13.444 min
Delta R.T.: 0.007 min
Response: 5623726
Conc: 35.91 ug/ml

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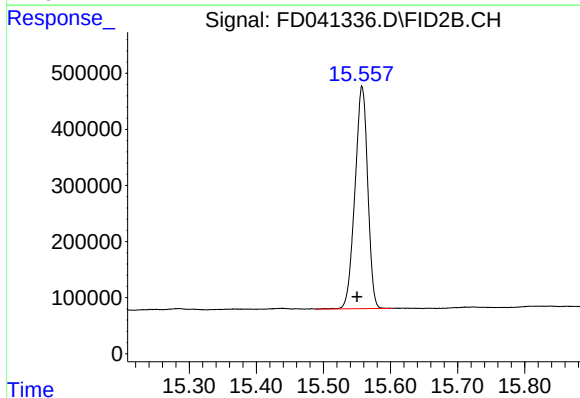
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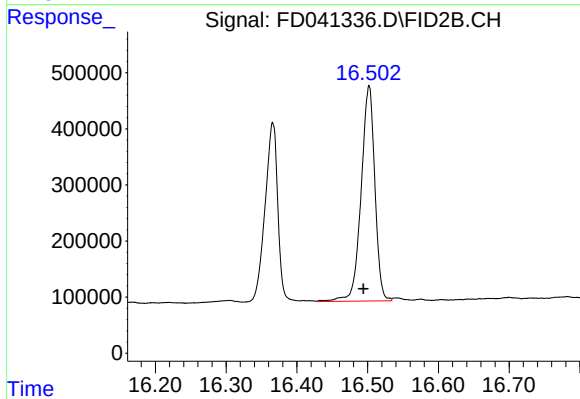
#14 n-Tetracosane (C24)

R.T.: 14.541 min
Delta R.T.: 0.006 min
Response: 5452846
Conc: 34.76 ug/ml



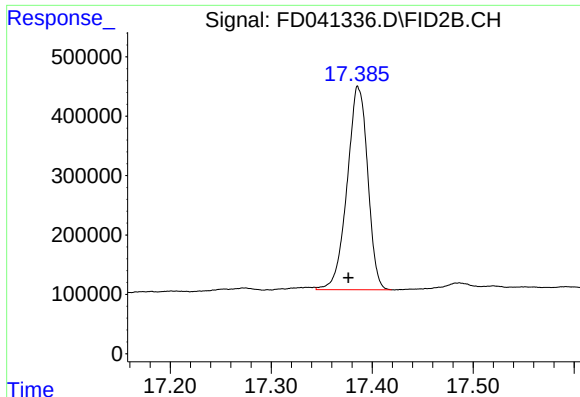
#15 n-Hexacosane (C26)

R.T.: 15.558 min
Delta R.T.: 0.008 min
Response: 5236972
Conc: 34.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.502 min
Delta R.T.: 0.008 min
Response: 5180327
Conc: 34.81 ug/ml



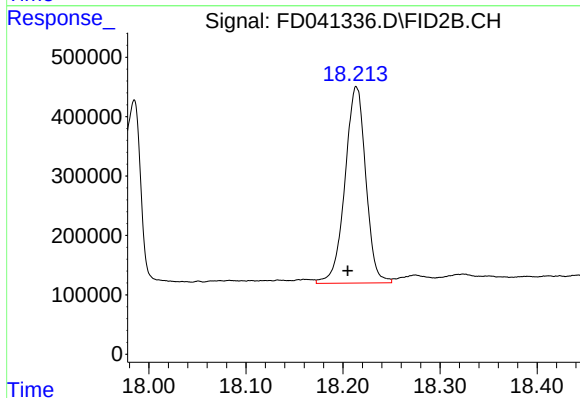
#17 n-Tricontane (C30)

R.T.: 17.385 min
Delta R.T.: 0.009 min
Response: 4843158
Conc: 34.42 ug/ml

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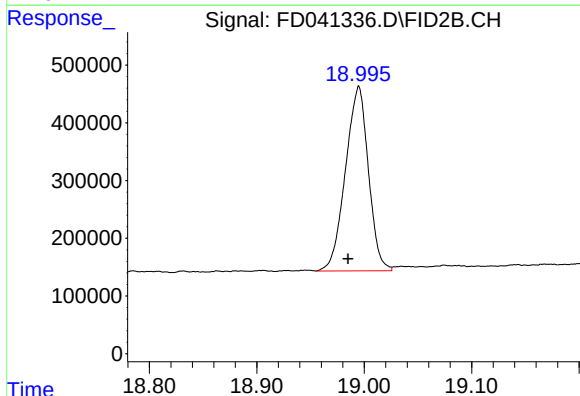
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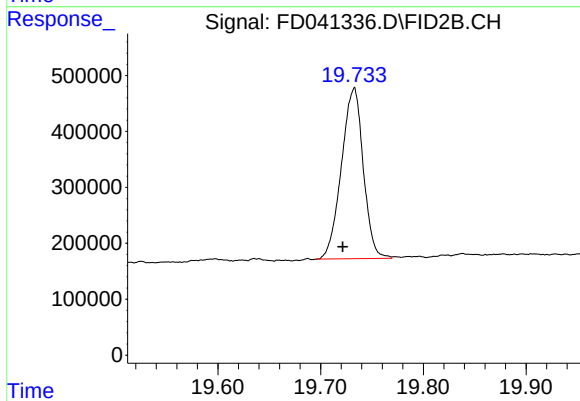
#18 n-Dotriacontane (C32)

R.T.: 18.214 min
Delta R.T.: 0.009 min
Response: 4928785
Conc: 38.74 ug/ml



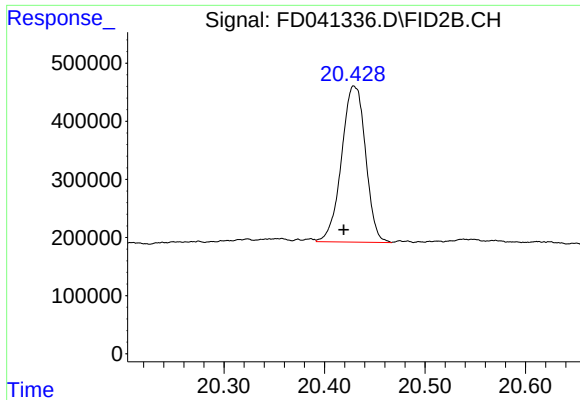
#19 n-Tetratriacontane (C34)

R.T.: 18.995 min
Delta R.T.: 0.010 min
Response: 4749102
Conc: 41.70 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.733 min
Delta R.T.: 0.011 min
Response: 4508622
Conc: 43.99 ug/ml m



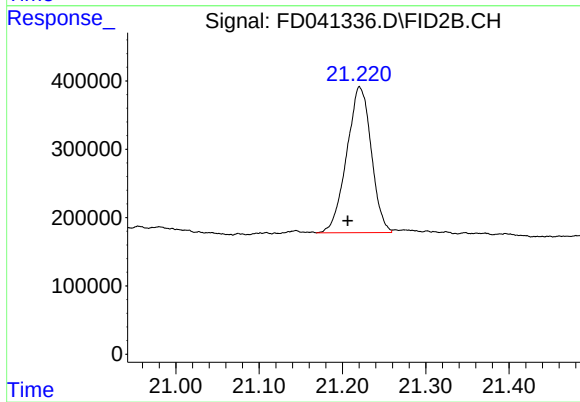
#21 n-Octatriacontane (C38)

R.T.: 20.428 min
Delta R.T.: 0.009 min
Response: 4455387
Conc: 46.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.220 min
Delta R.T.: 0.014 min
Response: 4361549
Conc: 46.02 ug/ml m