

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030122AL\
 Data File : FD041344.D
 Signal(s) : FID2B.CH
 Acq On : 01 Mar 2022 22:25
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

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 00:27:38 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)	11.248	3351694	19.322 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
12) S 1-chlorooctadecane (S...	12.688	2660922	19.654 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T n-Nonane (C9)	3.109	2914180	20.012 ug/ml
2) T n-Decane (C10)	4.155	2944151	20.390 ug/ml
3) T A~Naphthalene (C11.7)	5.706	3179875	19.906 ug/ml
4) T n-Dodecane (C12)	6.152	2964452	20.016 ug/ml
5) T A~2-methylnaphthalene...	6.752	3199727	19.995 ug/ml
6) T n-Tetradecane (C14)	7.930	2989669	19.970 ug/ml
7) T n-Hexadecane (C16)	9.518	3004979	19.739 ug/ml
8) T n-Octadecane (C18)	10.950	3009434	19.362 ug/ml
10) T n-Eicosane (C20)	12.251	3007271	19.371 ug/ml
11) T n-Heneicosane (C21)	12.858	3031471	19.360 ug/ml
13) T n-Docosane (C22)	13.441	2984088	19.054 ug/ml
14) T n-Tetracosane (C24)	14.538	2979723	18.997 ug/ml
15) T n-Hexacosane (C26)	15.553	2858735	18.606 ug/ml
16) T n-Octacosane (C28)	16.498	2814954	18.914 ug/ml
17) T n-Tricontane (C30)	17.381	2825464	20.081 ug/ml
18) T n-Dotriacontane (C32)	18.209	2759152	21.687 ug/ml
19) T n-Tetratriacontane (C34)	18.988	2498124	21.933 ug/ml
20) T n-Hexatriacontane (C36)	19.725	2357365	23.000 ug/mlm
21) T n-Octatriacontane (C38)	20.422	2236133	23.552 ug/mlm
22) T n-Tetracontane (C40)	21.211	2147689	22.661 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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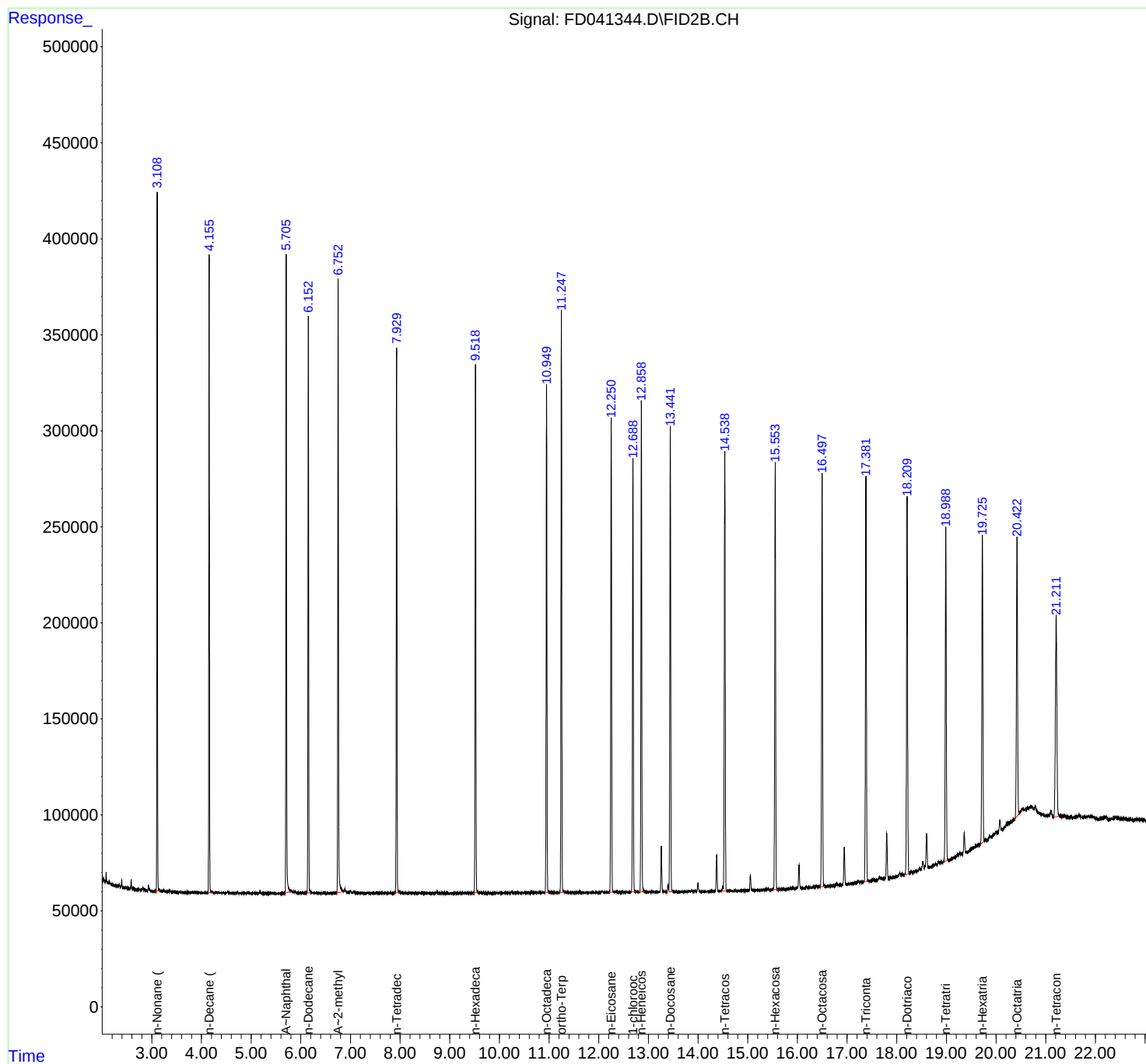
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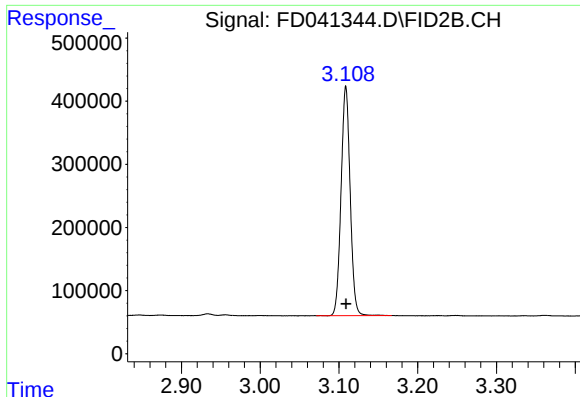
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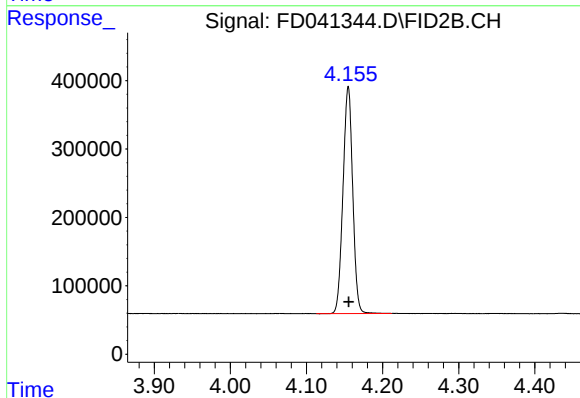
#1 n-Nonane (C9)

R.T.: 3.109 min
Delta R.T.: 0.000 min
Response: 2914180
Conc: 20.01 ug/ml

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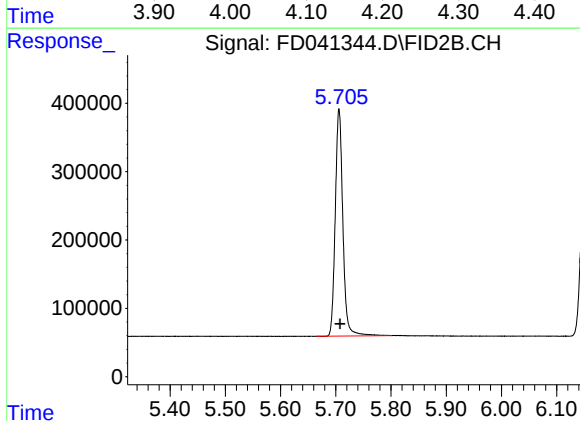
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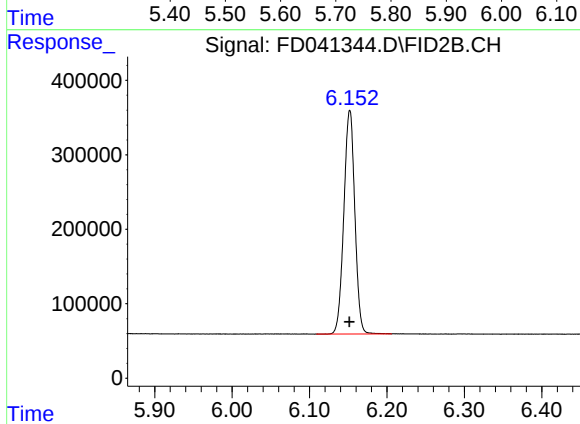
#2 n-Decane (C10)

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 2944151
Conc: 20.39 ug/ml



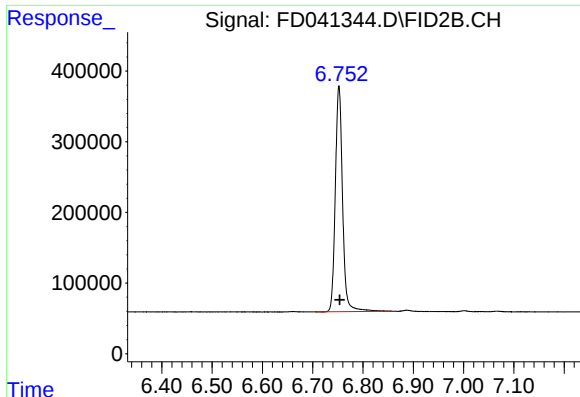
#3 A~Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 3179875
Conc: 19.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 2964452
Conc: 20.02 ug/ml



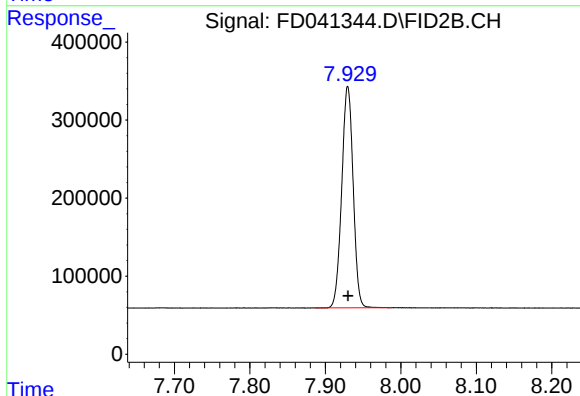
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.752 min
Delta R.T.: -0.001 min
Response: 3199727
Conc: 19.99 ug/ml

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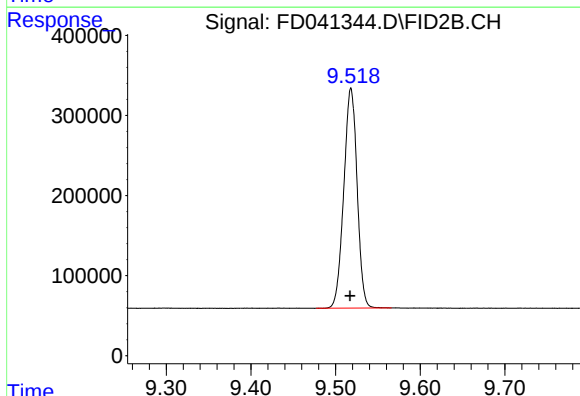
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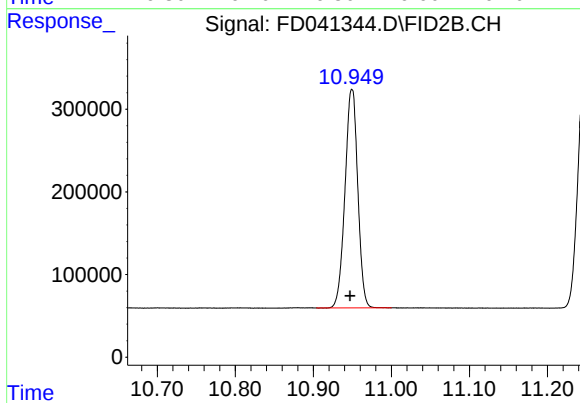
#6 n-Tetradecane (C14)

R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 2989669
Conc: 19.97 ug/ml



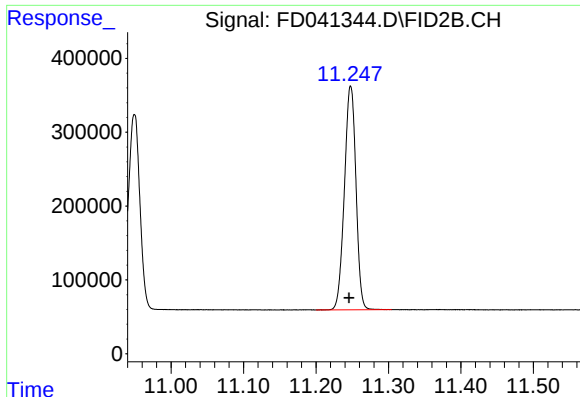
#7 n-Hexadecane (C16)

R.T.: 9.518 min
Delta R.T.: 0.000 min
Response: 3004979
Conc: 19.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.950 min
Delta R.T.: 0.002 min
Response: 3009434
Conc: 19.36 ug/ml



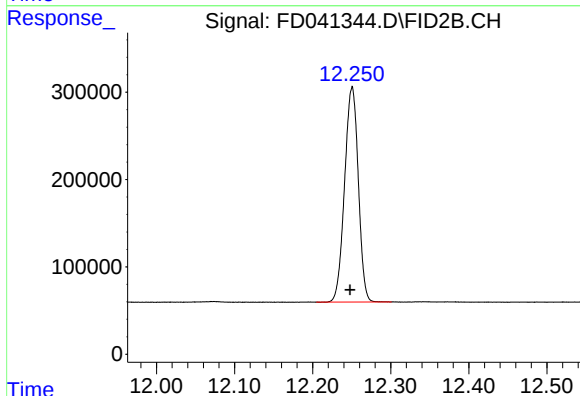
#9 ortho-Terphenyl (SURR)

R.T.: 11.248 min
Delta R.T.: 0.002 min
Response: 3351694
Conc: 19.32 ug/ml

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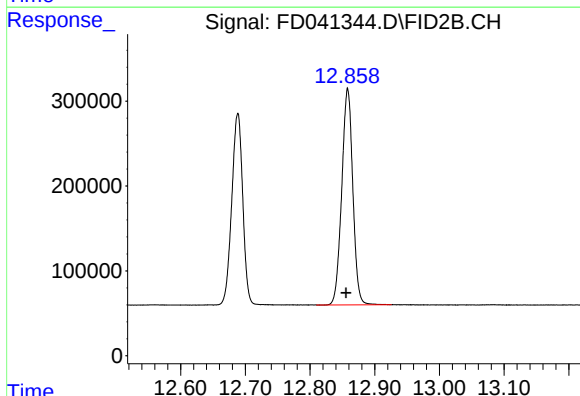
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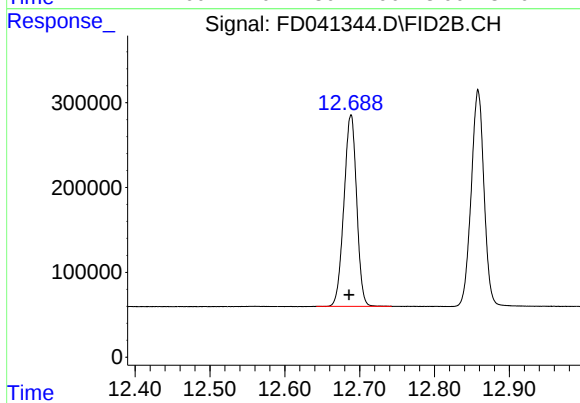
#10 n-Eicosane (C20)

R.T.: 12.251 min
Delta R.T.: 0.003 min
Response: 3007271
Conc: 19.37 ug/ml



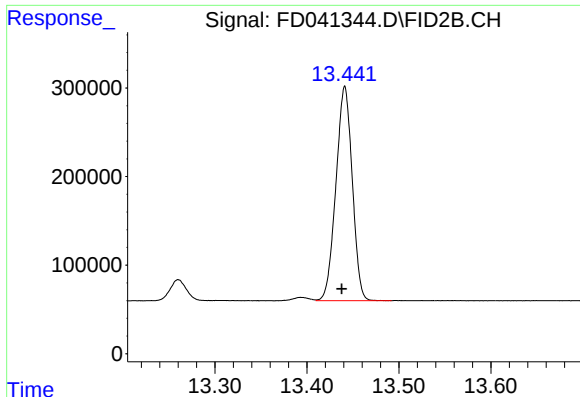
#11 n-Heneicosane (C21)

R.T.: 12.858 min
Delta R.T.: 0.002 min
Response: 3031471
Conc: 19.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.688 min
Delta R.T.: 0.002 min
Response: 2660922
Conc: 19.65 ug/ml



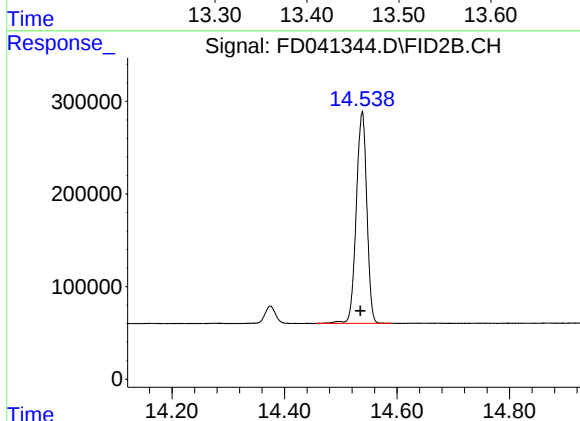
#13 n-Docosane (C22)

R.T.: 13.441 min
Delta R.T.: 0.003 min
Response: 2984088
Conc: 19.05 ug/ml

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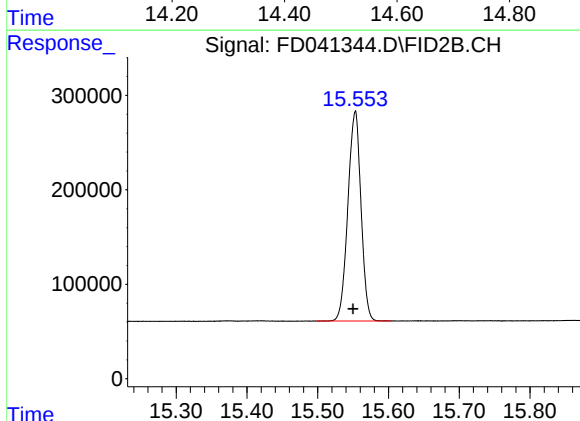
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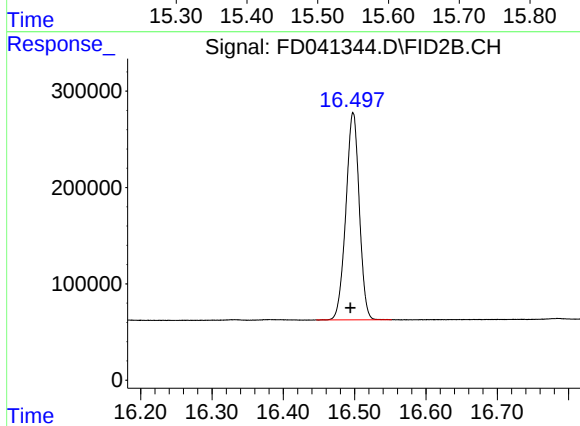
#14 n-Tetracosane (C24)

R.T.: 14.538 min
Delta R.T.: 0.003 min
Response: 2979723
Conc: 19.00 ug/ml



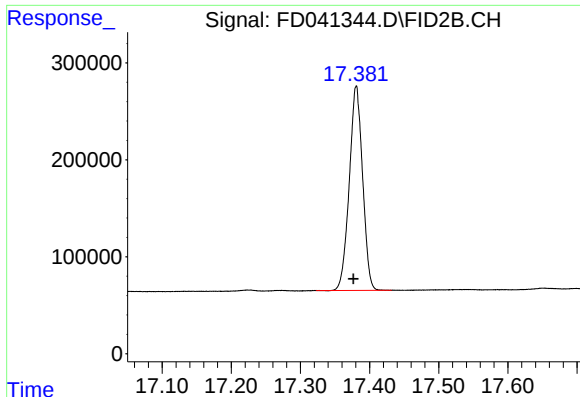
#15 n-Hexacosane (C26)

R.T.: 15.553 min
Delta R.T.: 0.003 min
Response: 2858735
Conc: 18.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.498 min
Delta R.T.: 0.004 min
Response: 2814954
Conc: 18.91 ug/ml



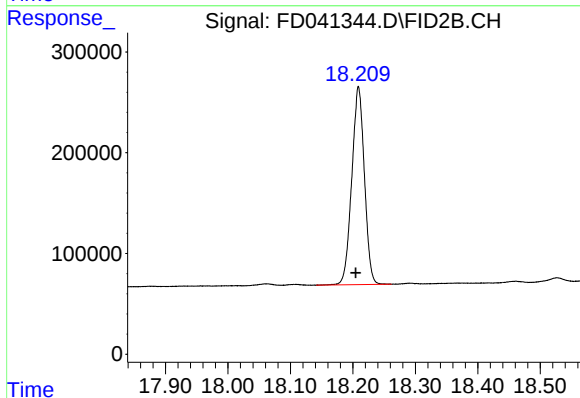
#17 n-Tricontane (C30)

R.T.: 17.381 min
Delta R.T.: 0.004 min
Response: 2825464
Conc: 20.08 ug/ml

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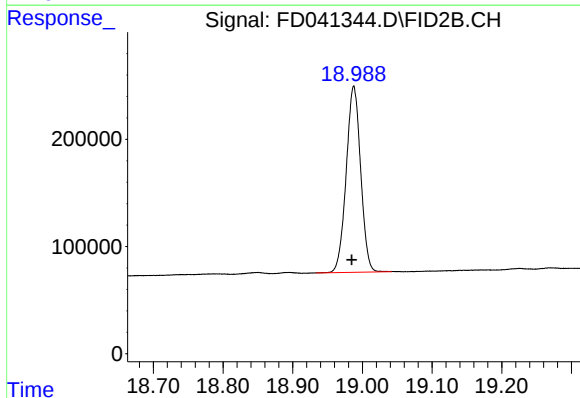
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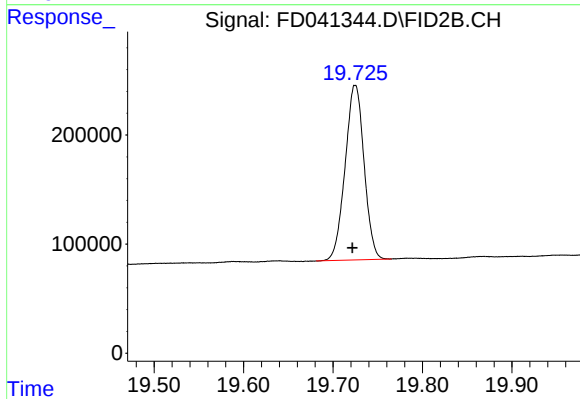
#18 n-Dotriacontane (C32)

R.T.: 18.209 min
Delta R.T.: 0.004 min
Response: 2759152
Conc: 21.69 ug/ml



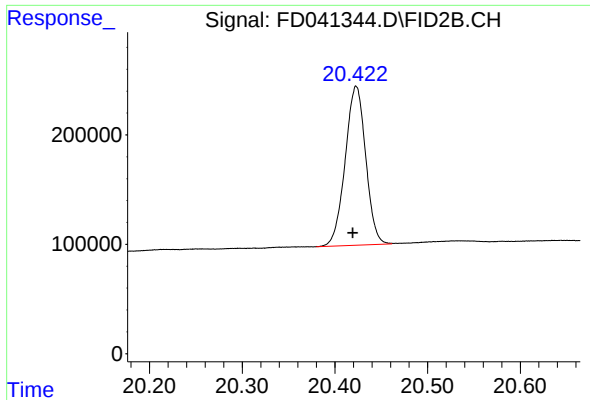
#19 n-Tetratriacontane (C34)

R.T.: 18.988 min
Delta R.T.: 0.003 min
Response: 2498124
Conc: 21.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.725 min
Delta R.T.: 0.004 min
Response: 2357365
Conc: 23.00 ug/ml m



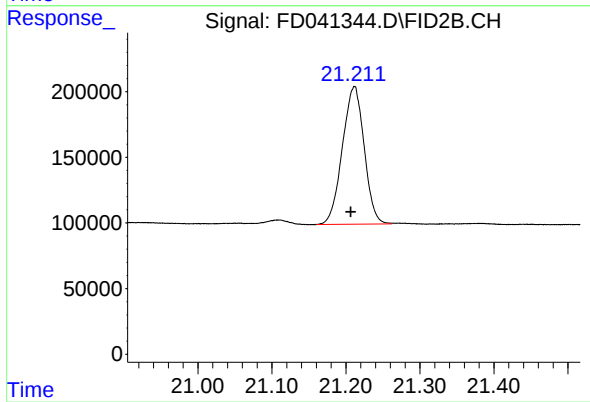
#21 n-Octatriacontane (C38)

R.T.: 20.422 min
Delta R.T.: 0.003 min
Response: 2236133
Conc: 23.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.211 min
Delta R.T.: 0.004 min
Response: 2147689
Conc: 22.66 ug/ml m