

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030122AL\
 Data File : FD041332.D
 Signal(s) : FID2B.CH
 Acq On : 01 Mar 2022 13:29
 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 00:24:32 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)	11.245	3373617	19.449 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
12) S 1-chlorooctadecane (S...	12.685	2684607	19.829 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
Target Compounds			
1) T n-Nonane (C9)	3.110	2885862	19.818 ug/ml
2) T n-Decane (C10)	4.154	2914298	20.183 ug/ml
3) T A~Naphthalene (C11.7)	5.704	3148508	19.710 ug/ml
4) T n-Dodecane (C12)	6.150	2939955	19.851 ug/ml
5) T A~2-methylnaphthalene...	6.749	3168724	19.801 ug/ml
6) T n-Tetradecane (C14)	7.927	2963024	19.792 ug/ml
7) T n-Hexadecane (C16)	9.514	2990269	19.643 ug/ml
8) T n-Octadecane (C18)	10.946	3012539	19.382 ug/ml
10) T n-Eicosane (C20)	12.248	3017935	19.440 ug/ml
11) T n-Heneicosane (C21)	12.856	2999726	19.157 ug/ml
13) T n-Docosane (C22)	13.439	3015705	19.256 ug/ml
14) T n-Tetracosane (C24)	14.536	3003787	19.150 ug/ml
15) T n-Hexacosane (C26)	15.551	2917230	18.987 ug/ml
16) T n-Octacosane (C28)	16.496	2877702	19.336 ug/ml
17) T n-Tricontane (C30)	17.379	2876580	20.444 ug/ml
18) T n-Dotriacontane (C32)	18.207	2773516	21.800 ug/ml
19) T n-Tetratriacontane (C34)	18.986	2501423	21.962 ug/ml
20) T n-Hexatriacontane (C36)	19.723	2343709	22.867 ug/ml
21) T n-Octatriacontane (C38)	20.421	2202625	23.199 ug/mlm
22) T n-Tetracontane (C40)	21.209	2139854	22.579 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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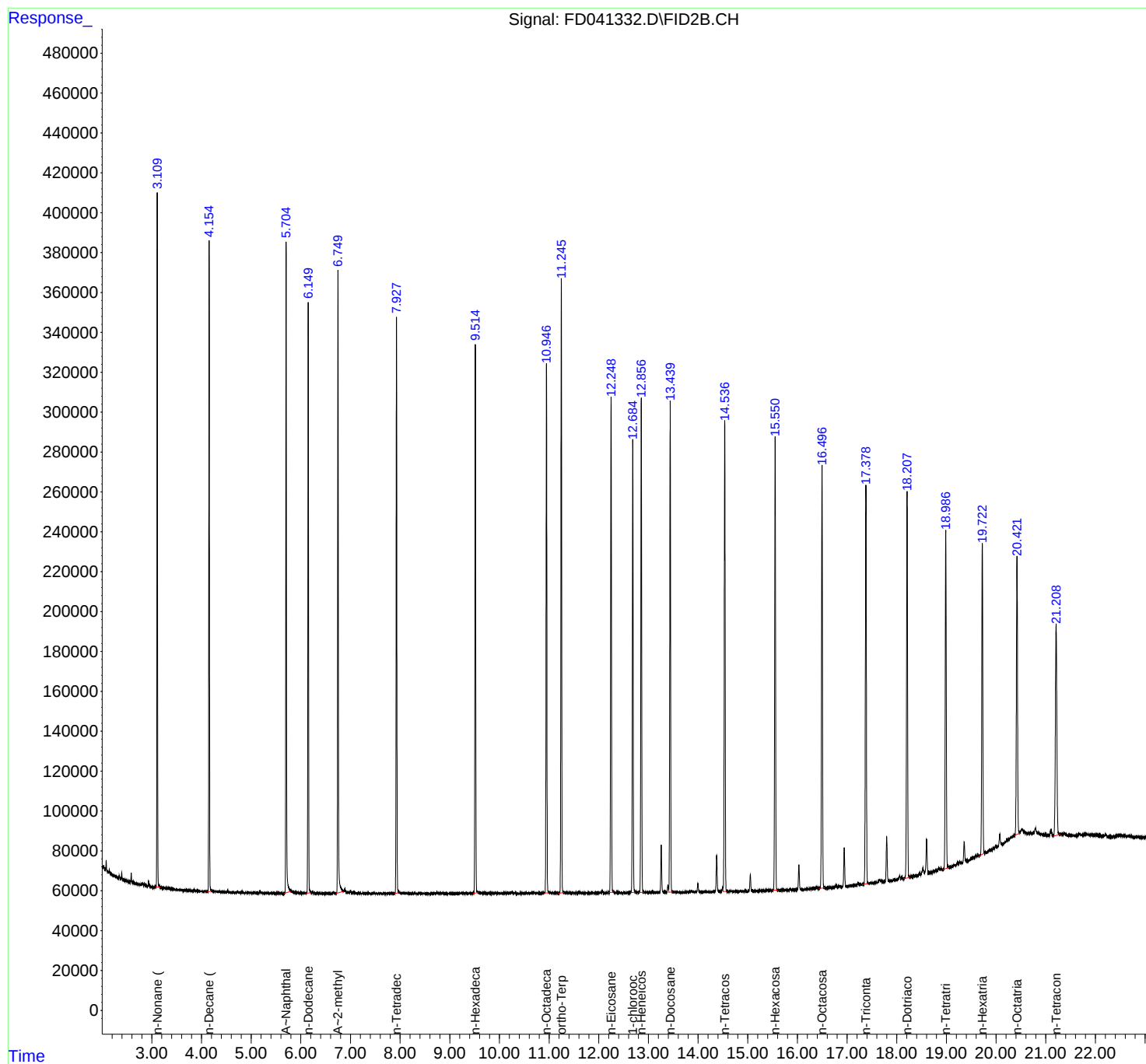
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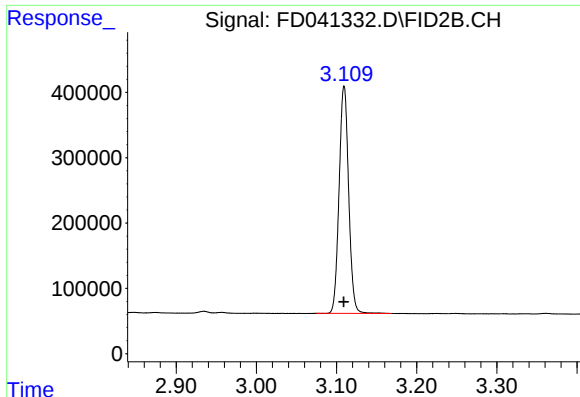
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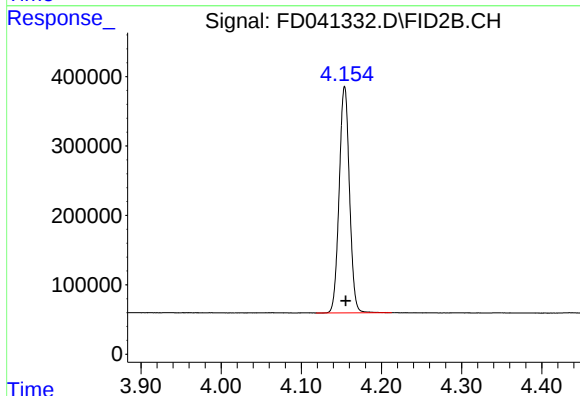
#1 n-Nonane (C9)

R.T.: 3.110 min
Delta R.T.: 0.000 min
Response: 2885862
Conc: 19.82 ug/ml

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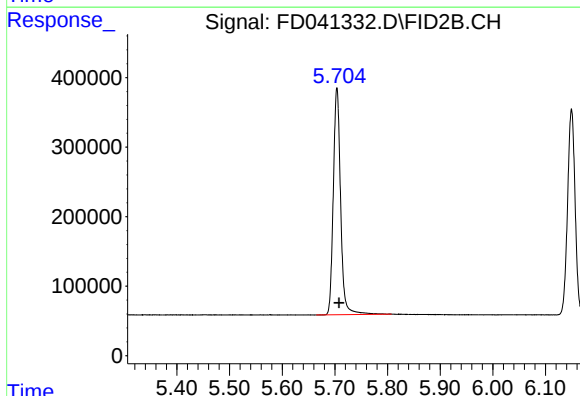
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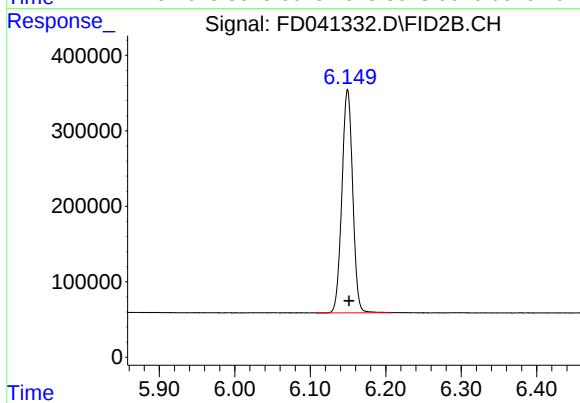
#2 n-Decane (C10)

R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 2914298
Conc: 20.18 ug/ml



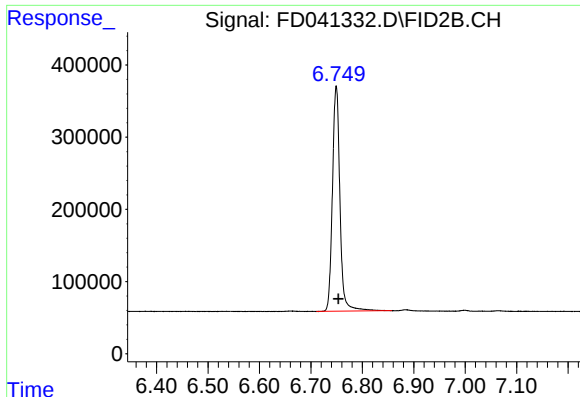
#3 A~Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 3148508
Conc: 19.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.150 min
Delta R.T.: -0.002 min
Response: 2939955
Conc: 19.85 ug/ml



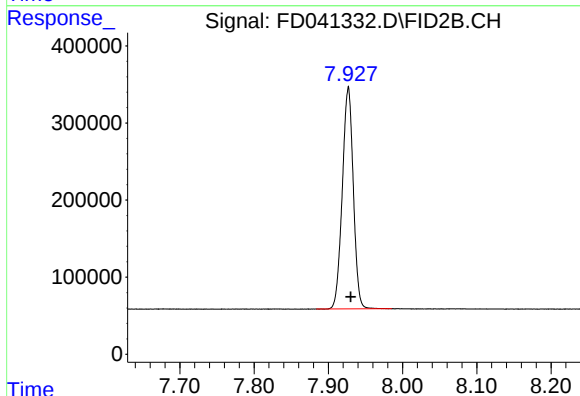
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 3168724
Conc: 19.80 ug/ml

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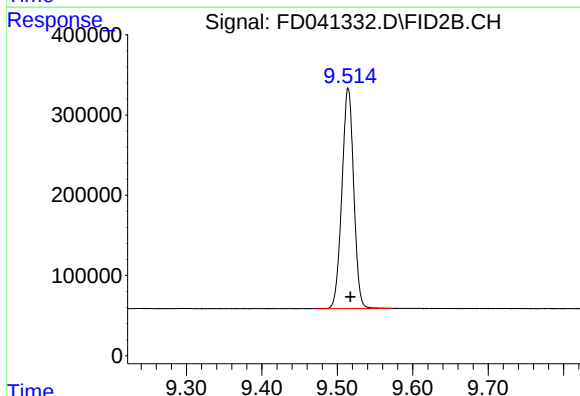
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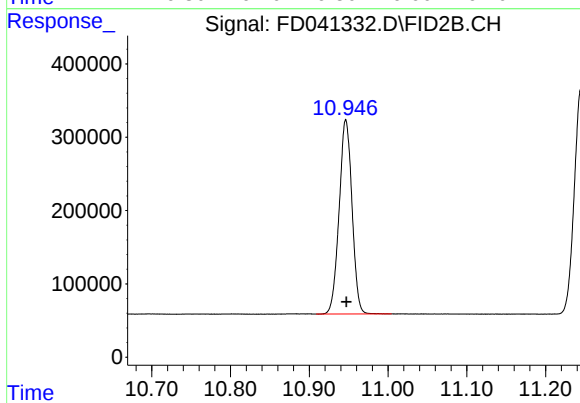
#6 n-Tetradecane (C14)

R.T.: 7.927 min
Delta R.T.: -0.003 min
Response: 2963024
Conc: 19.79 ug/ml



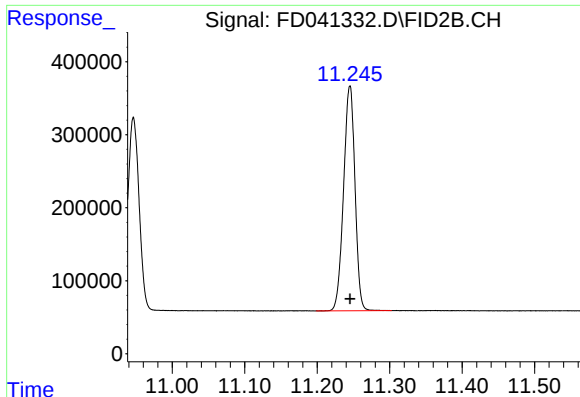
#7 n-Hexadecane (C16)

R.T.: 9.514 min
Delta R.T.: -0.003 min
Response: 2990269
Conc: 19.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.946 min
Delta R.T.: 0.000 min
Response: 3012539
Conc: 19.38 ug/ml



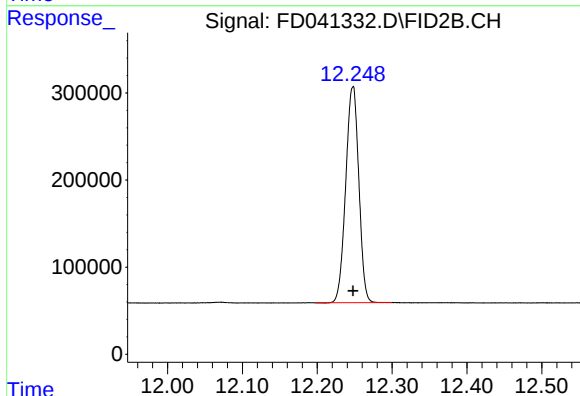
#9 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: 0.000 min
Response: 3373617
Conc: 19.45 ug/ml

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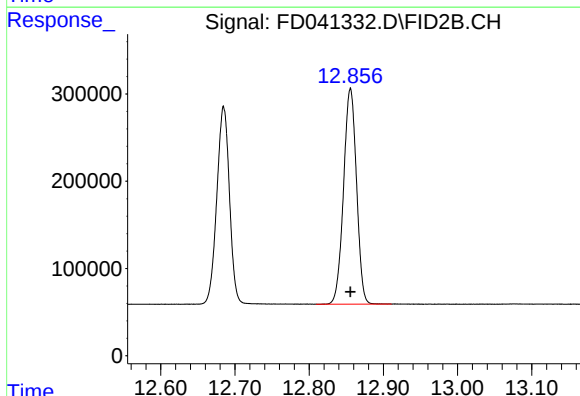
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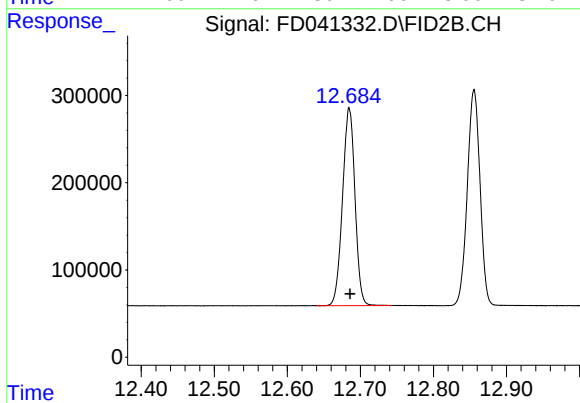
#10 n-Eicosane (C20)

R.T.: 12.248 min
Delta R.T.: 0.000 min
Response: 3017935
Conc: 19.44 ug/ml



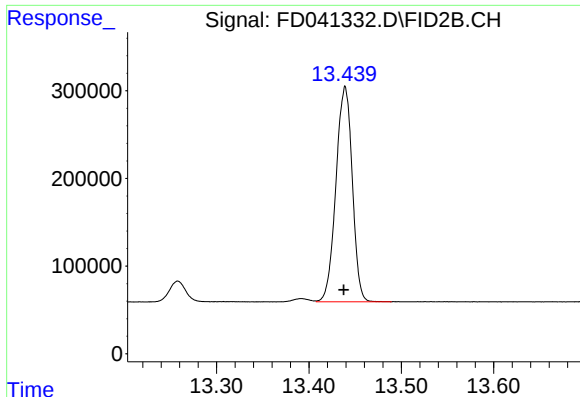
#11 n-Heneicosane (C21)

R.T.: 12.856 min
Delta R.T.: 0.000 min
Response: 2999726
Conc: 19.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.685 min
Delta R.T.: -0.001 min
Response: 2684607
Conc: 19.83 ug/ml



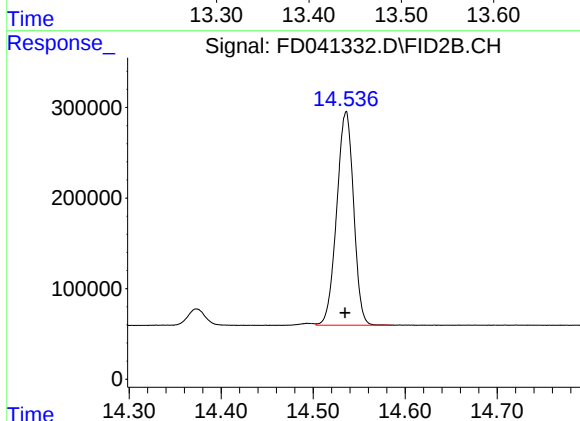
#13 n-Docosane (C22)

R.T.: 13.439 min
Delta R.T.: 0.001 min
Response: 3015705
Conc: 19.26 ug/ml

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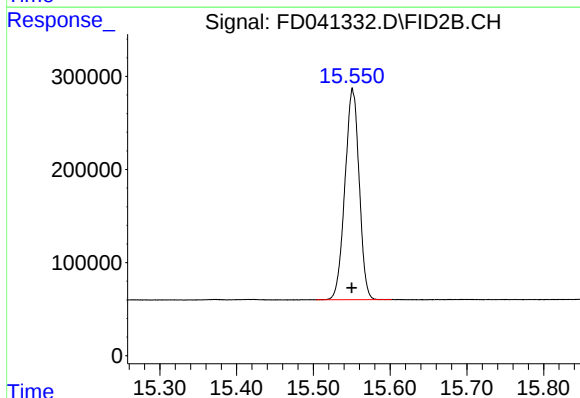
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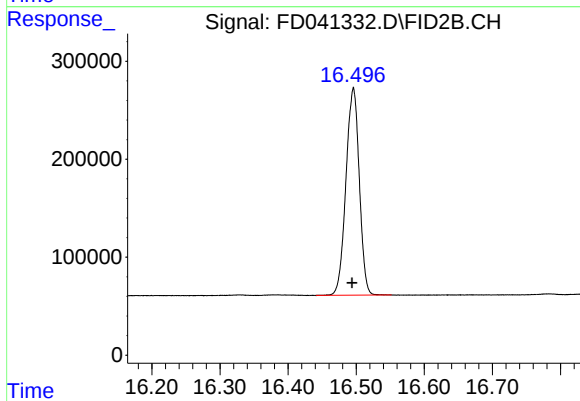
#14 n-Tetracosane (C24)

R.T.: 14.536 min
Delta R.T.: 0.001 min
Response: 3003787
Conc: 19.15 ug/ml



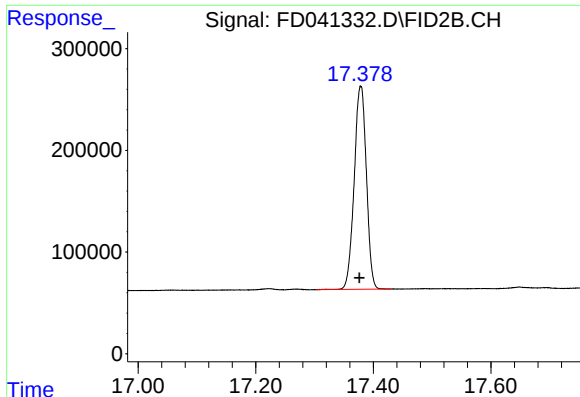
#15 n-Hexacosane (C26)

R.T.: 15.551 min
Delta R.T.: 0.001 min
Response: 2917230
Conc: 18.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.496 min
Delta R.T.: 0.002 min
Response: 2877702
Conc: 19.34 ug/ml



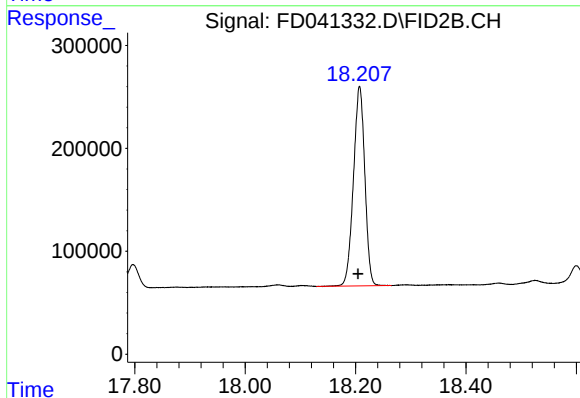
#17 n-Tricontane (C30)

R.T.: 17.379 min
Delta R.T.: 0.002 min
Response: 2876580
Conc: 20.44 ug/ml

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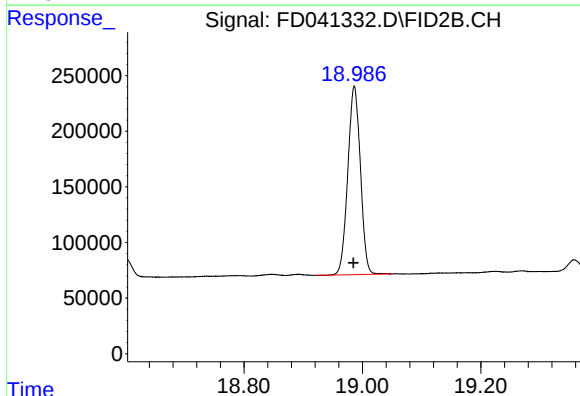
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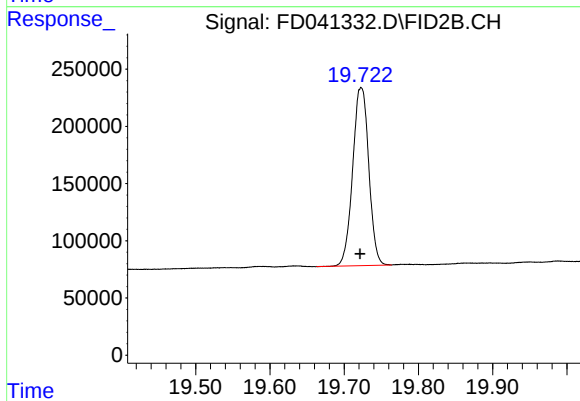
#18 n-Dotriacontane (C32)

R.T.: 18.207 min
Delta R.T.: 0.003 min
Response: 2773516
Conc: 21.80 ug/ml



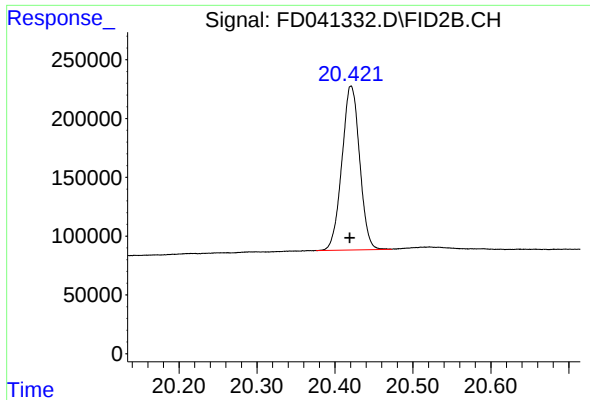
#19 n-Tetratriacontane (C34)

R.T.: 18.986 min
Delta R.T.: 0.002 min
Response: 2501423
Conc: 21.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.723 min
Delta R.T.: 0.001 min
Response: 2343709
Conc: 22.87 ug/ml



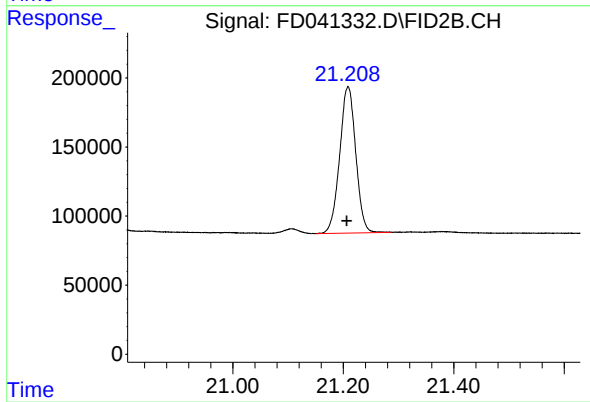
#21 n-Octatriacontane (C38)

R.T.: 20.421 min
Delta R.T.: 0.001 min
Response: 2202625
Conc: 23.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.209 min
Delta R.T.: 0.002 min
Response: 2139854
Conc: 22.58 ug/ml