

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031122AL\
 Data File : FD041513.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2022 16:10
 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 03/14/2022
 Supervised By :Ankita Jodhani 03/14/2022

Integration File: sample.E
 Quant Time: Mar 11 22:04:07 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	3378059	19.474 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
12) S 1-chlorooctadecane (S...	12.686	2613268	19.302 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
Target Compounds			
1) T n-Nonane (C9)	3.106	3109302	21.352 ug/ml
2) T n-Decane (C10)	4.152	3096060	21.442 ug/ml
3) T A~Naphthalene (C11.7)	5.704	3399240	21.279 ug/ml
4) T n-Dodecane (C12)	6.149	3188590	21.529 ug/ml
5) T A~2-methylnaphthalene...	6.750	3419361	21.367 ug/ml
6) T n-Tetradecane (C14)	7.927	3210060	21.442 ug/ml
7) T n-Hexadecane (C16)	9.515	3211937	21.099 ug/ml
8) T n-Octadecane (C18)	10.947	3187181	20.506 ug/ml
10) T n-Eicosane (C20)	12.247	3086337	19.881 ug/ml
11) T n-Heneicosane (C21)	12.856	3047775	19.464 ug/ml
13) T n-Docosane (C22)	13.438	3016940	19.264 ug/ml
14) T n-Tetracosane (C24)	14.535	2941724	18.755 ug/ml
15) T n-Hexacosane (C26)	15.551	2827484	18.403 ug/ml
16) T n-Octacosane (C28)	16.495	2786505	18.723 ug/ml
17) T n-Tricontane (C30)	17.378	2751380	19.554 ug/ml
18) T n-Dotriacontane (C32)	18.207	2659082	20.900 ug/ml
19) T n-Tetratriacontane (C34)	18.986	2447439	21.488 ug/mlm
20) T n-Hexatriacontane (C36)	19.722	2289071	22.334 ug/mlm
21) T n-Octatriacontane (C38)	20.421	2214428	23.324 ug/mlm
22) T n-Tetracontane (C40)	21.209	2233395	23.566 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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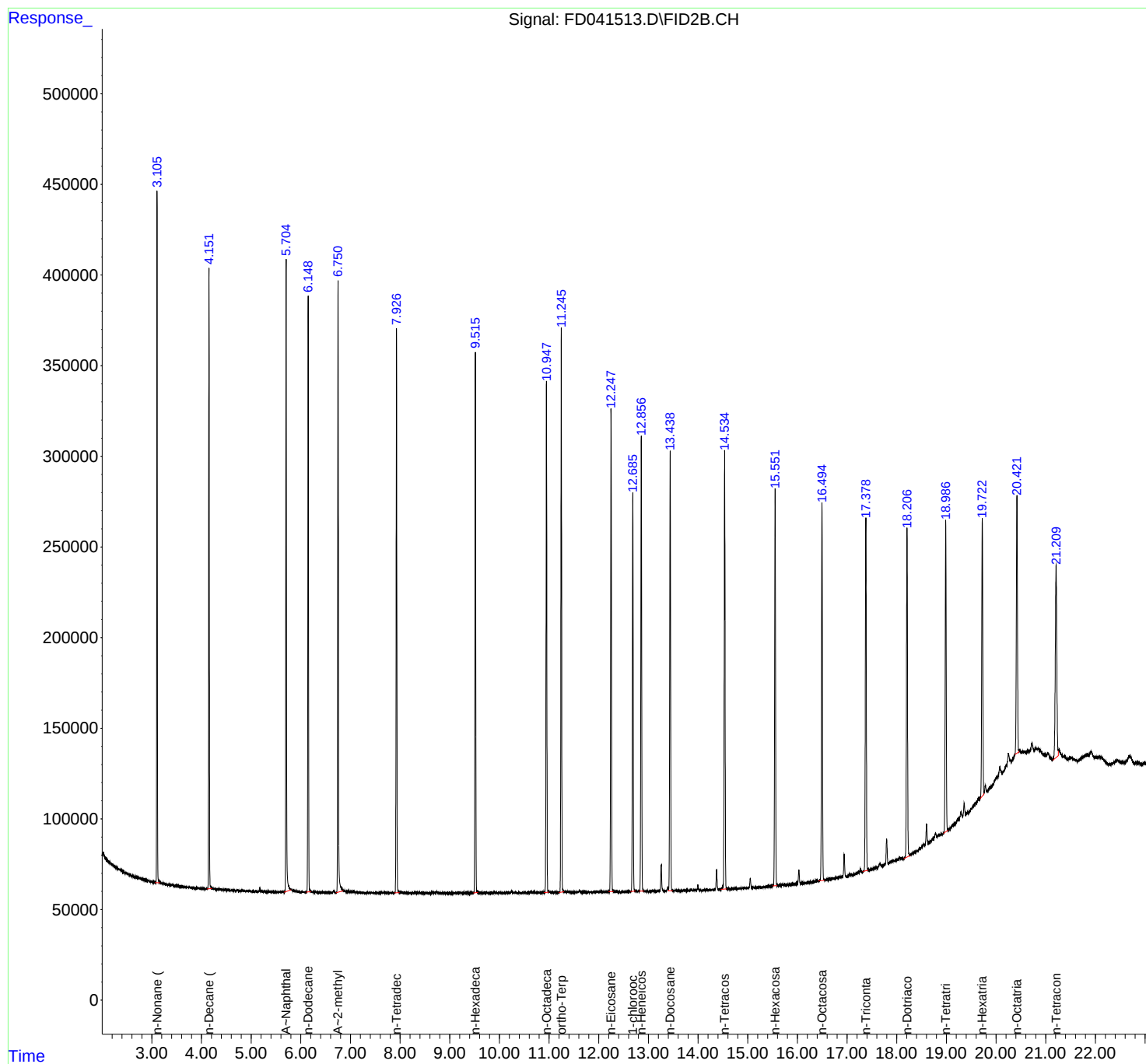
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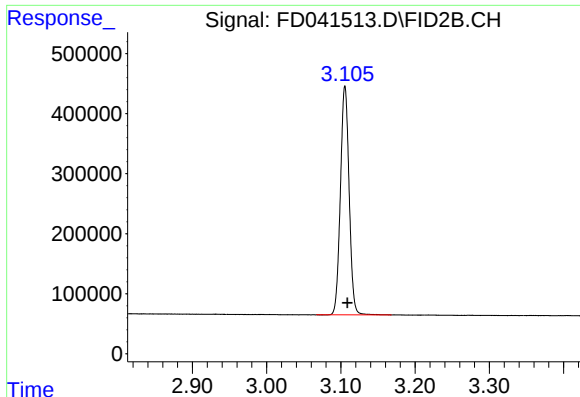
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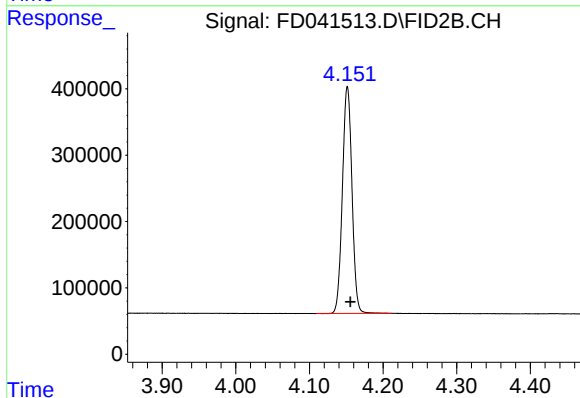
#1 n-Nonane (C9)

R.T.: 3.106 min
Delta R.T.: -0.003 min
Response: 3109302
Conc: 21.35 ug/ml

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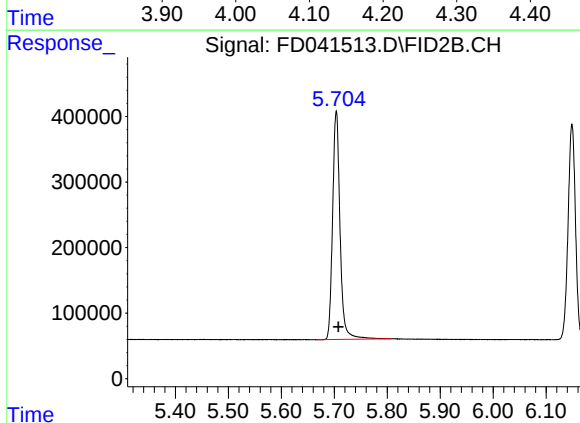
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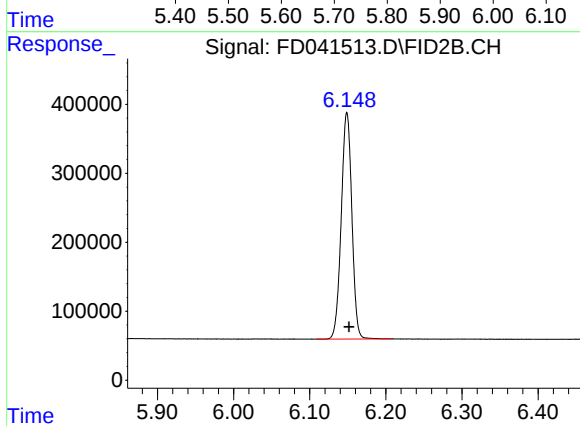
#2 n-Decane (C10)

R.T.: 4.152 min
Delta R.T.: -0.004 min
Response: 3096060
Conc: 21.44 ug/ml



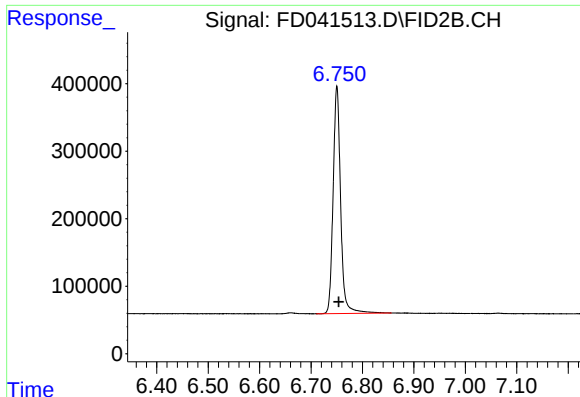
#3 A~Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 3399240
Conc: 21.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.149 min
Delta R.T.: -0.003 min
Response: 3188590
Conc: 21.53 ug/ml



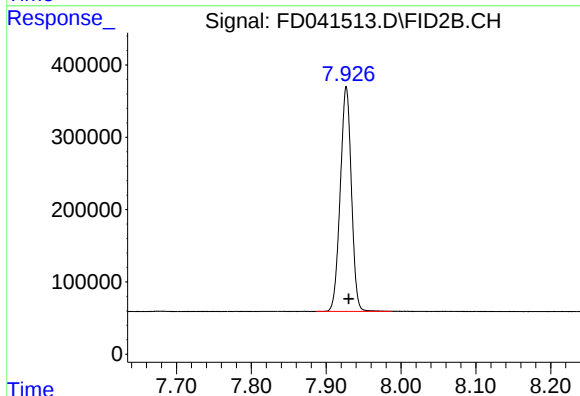
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 3419361
Conc: 21.37 ug/ml

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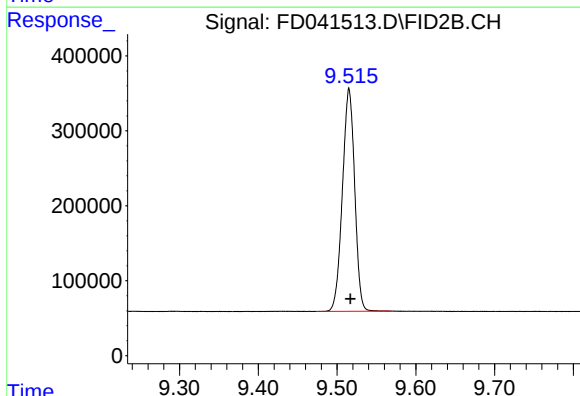
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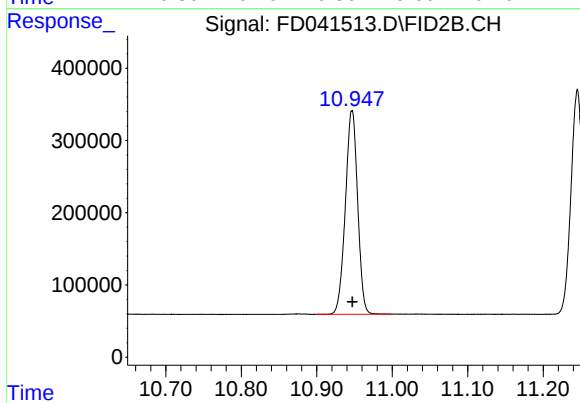
#6 n-Tetradecane (C14)

R.T.: 7.927 min
Delta R.T.: -0.003 min
Response: 3210060
Conc: 21.44 ug/ml



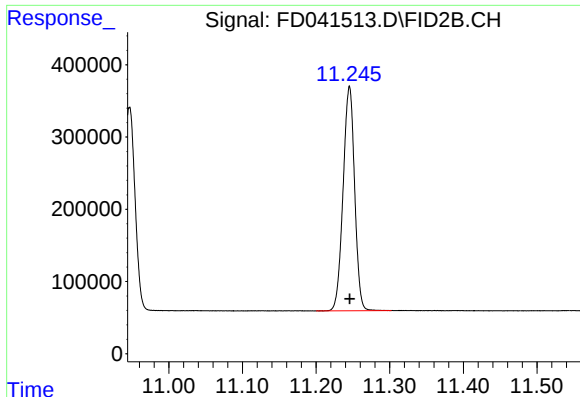
#7 n-Hexadecane (C16)

R.T.: 9.515 min
Delta R.T.: -0.002 min
Response: 3211937
Conc: 21.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.947 min
Delta R.T.: 0.000 min
Response: 3187181
Conc: 20.51 ug/ml



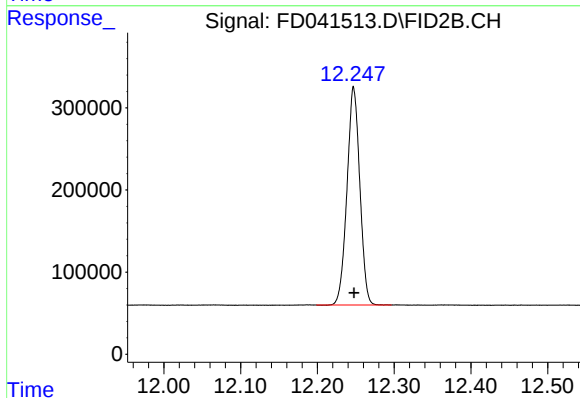
#9 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: 0.000 min
Response: 3378059
Conc: 19.47 ug/ml

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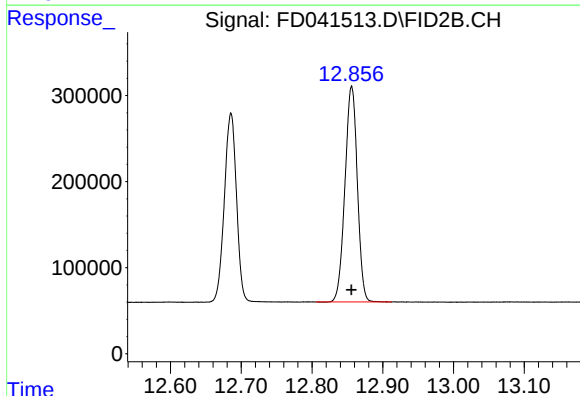
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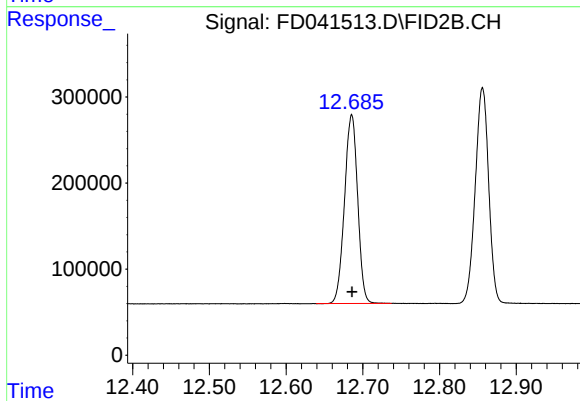
#10 n-Eicosane (C20)

R.T.: 12.247 min
Delta R.T.: 0.000 min
Response: 3086337
Conc: 19.88 ug/ml



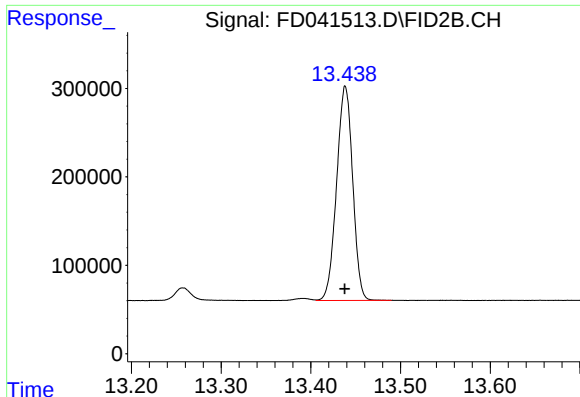
#11 n-Heneicosane (C21)

R.T.: 12.856 min
Delta R.T.: 0.000 min
Response: 3047775
Conc: 19.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.686 min
Delta R.T.: 0.000 min
Response: 2613268
Conc: 19.30 ug/ml



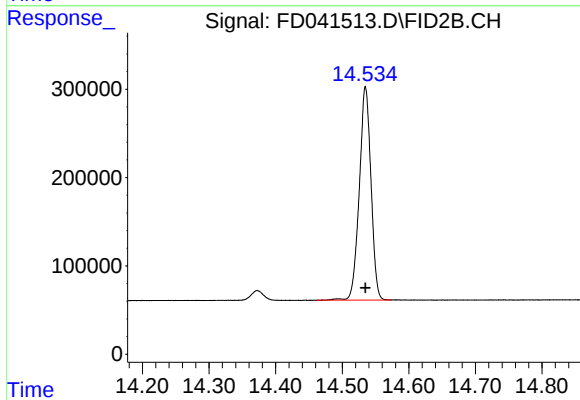
#13 n-Docosane (C22)

R.T.: 13.438 min
Delta R.T.: 0.000 min
Response: 3016940
Conc: 19.26 ug/ml

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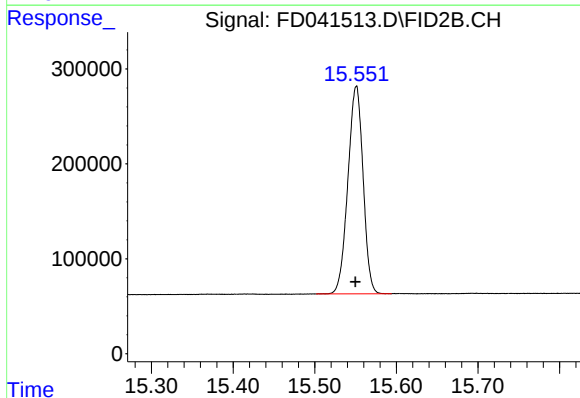
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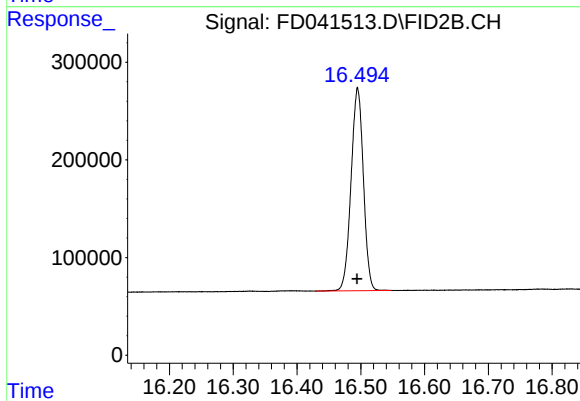
#14 n-Tetracosane (C24)

R.T.: 14.535 min
Delta R.T.: 0.000 min
Response: 2941724
Conc: 18.75 ug/ml



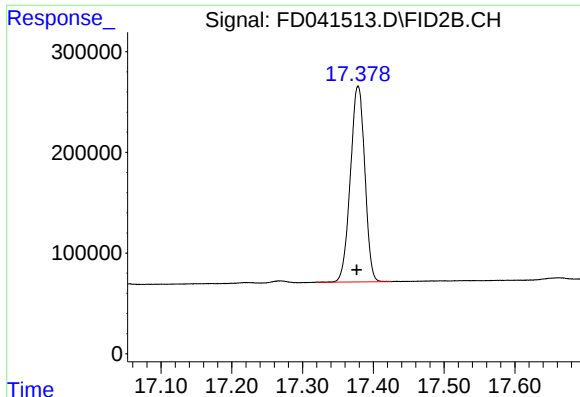
#15 n-Hexacosane (C26)

R.T.: 15.551 min
Delta R.T.: 0.001 min
Response: 2827484
Conc: 18.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.495 min
Delta R.T.: 0.001 min
Response: 2786505
Conc: 18.72 ug/ml



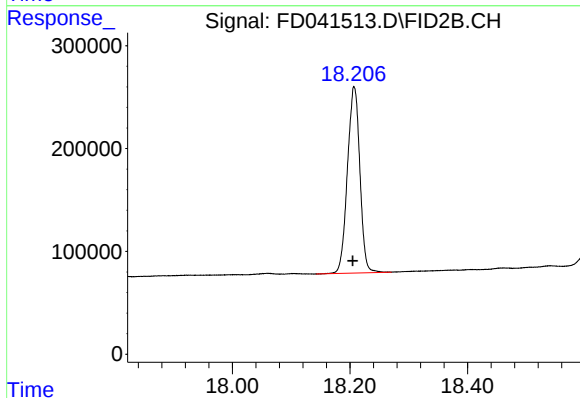
#17 n-Tricontane (C30)

R.T.: 17.378 min
Delta R.T.: 0.002 min
Response: 2751380
Conc: 19.55 ug/ml

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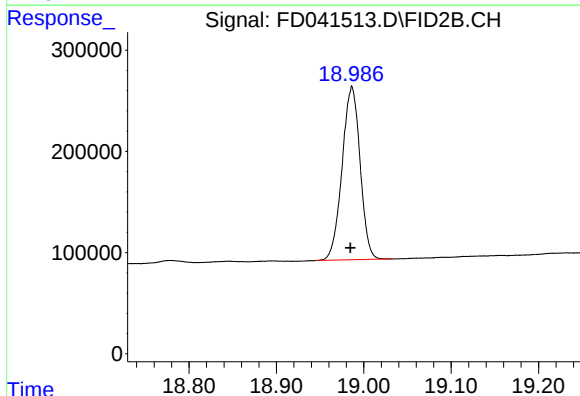
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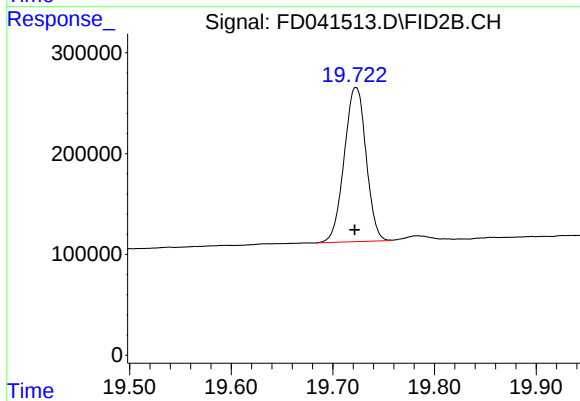
#18 n-Dotriacontane (C32)

R.T.: 18.207 min
Delta R.T.: 0.002 min
Response: 2659082
Conc: 20.90 ug/ml



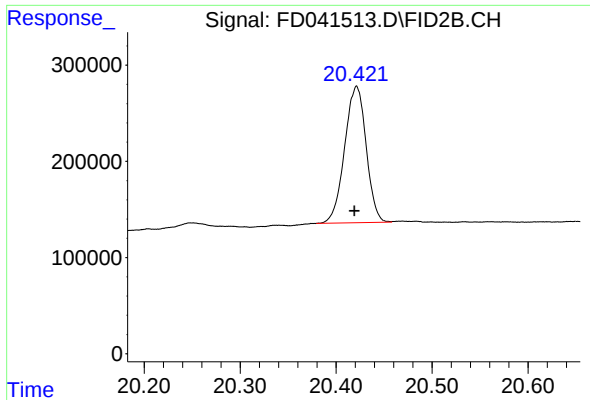
#19 n-Tetratriacontane (C34)

R.T.: 18.986 min
Delta R.T.: 0.001 min
Response: 2447439
Conc: 21.49 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.722 min
Delta R.T.: 0.000 min
Response: 2289071
Conc: 22.33 ug/ml m



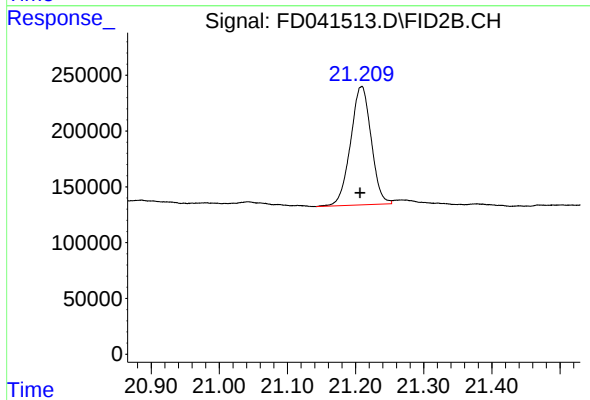
#21 n-Octatriacontane (C38)

R.T.: 20.421 min
Delta R.T.: 0.002 min
Response: 2214428
Conc: 23.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.209 min
Delta R.T.: 0.002 min
Response: 2233395
Conc: 23.57 ug/ml