

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031022AL\
 Data File : FD041501.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2022 2:57
 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 03/11/2022
 Supervised By :Ankita Jodhani 03/11/2022

Integration File: sample.E
 Quant Time: Mar 11 03:33:51 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	3394923	19.572 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	12.685	2631196	19.435 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.104	3068897	21.075 ug/ml
2) T n-Decane (C10)	4.151	3052784	21.142 ug/ml
3) T A~Naphthalene (C11.7)	5.704	3359424	21.030 ug/ml
4) T n-Dodecane (C12)	6.149	3150255	21.270 ug/ml
5) T A~2-methylnaphthalene...	6.750	3387239	21.166 ug/ml
6) T n-Tetradecane (C14)	7.927	3175192	21.209 ug/ml
7) T n-Hexadecane (C16)	9.515	3185164	20.923 ug/ml
8) T n-Octadecane (C18)	10.946	3178876	20.452 ug/ml
10) T n-Eicosane (C20)	12.247	3089745	19.903 ug/ml
11) T n-Heneicosane (C21)	12.855	3062120	19.556 ug/ml
13) T n-Docosane (C22)	13.438	3006560	19.198 ug/ml
14) T n-Tetracosane (C24)	14.534	2903471	18.511 ug/ml
15) T n-Hexacosane (C26)	15.549	2774371	18.057 ug/ml
16) T n-Octacosane (C28)	16.493	2691842	18.087 ug/ml
17) T n-Tricontane (C30)	17.375	2620121	18.622 ug/ml
18) T n-Dotriacontane (C32)	18.204	2500818	19.656 ug/ml
19) T n-Tetratriacontane (C34)	18.985	2354532	20.672 ug/ml
20) T n-Hexatriacontane (C36)	19.719	2230630	21.764 ug/mlm
21) T n-Octatriacontane (C38)	20.418	2181466	22.976 ug/mlm
22) T n-Tetracontane (C40)	21.206	2161588	22.808 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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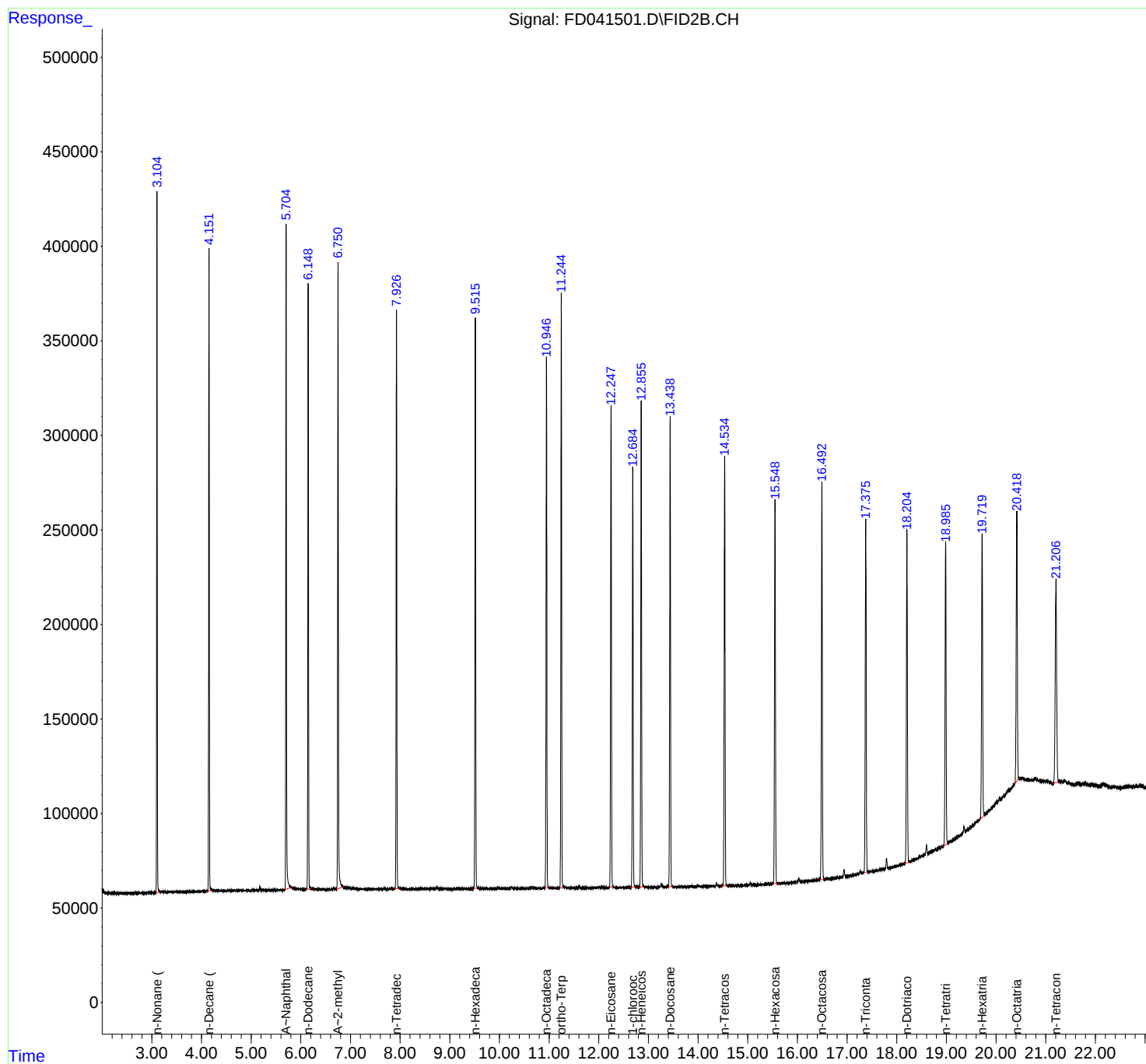
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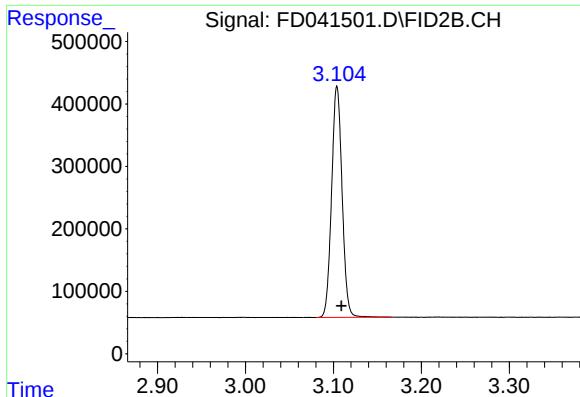
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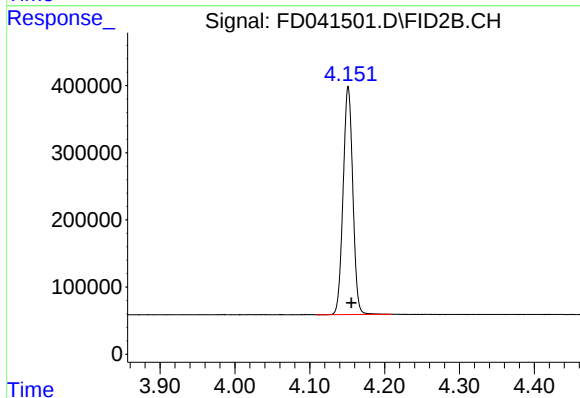
#1 n-Nonane (C9)

R.T.: 3.104 min
Delta R.T.: -0.005 min
Response: 3068897
Conc: 21.07 ug/ml

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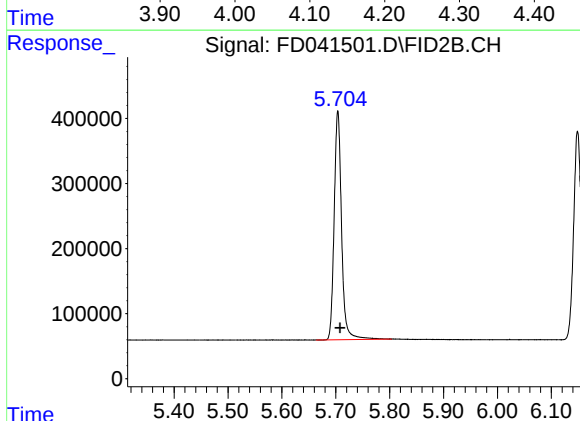
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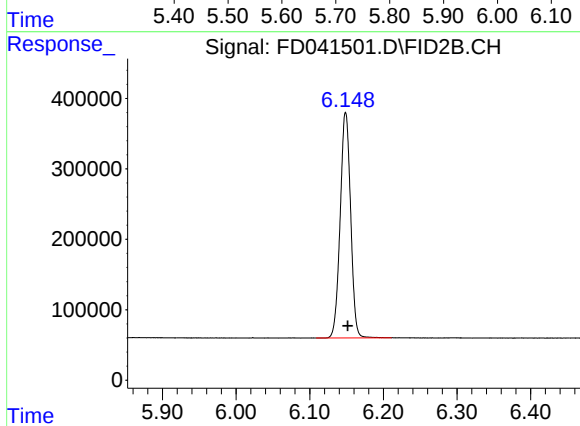
#2 n-Decane (C10)

R.T.: 4.151 min
Delta R.T.: -0.004 min
Response: 3052784
Conc: 21.14 ug/ml



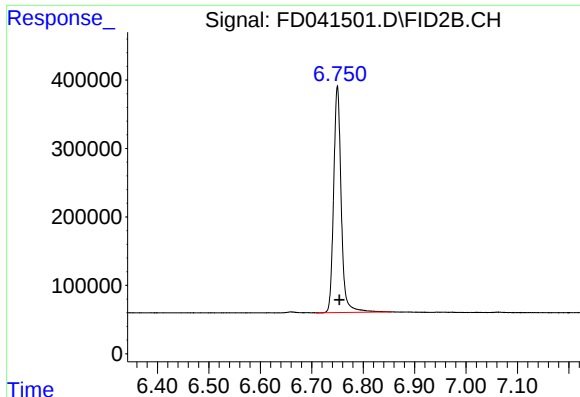
#3 A~Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 3359424
Conc: 21.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.149 min
Delta R.T.: -0.003 min
Response: 3150255
Conc: 21.27 ug/ml



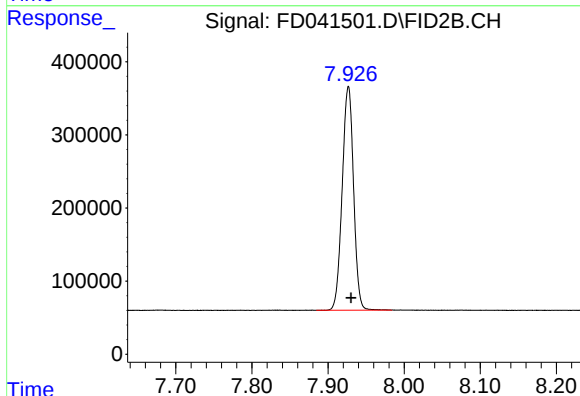
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 3387239
Conc: 21.17 ug/ml

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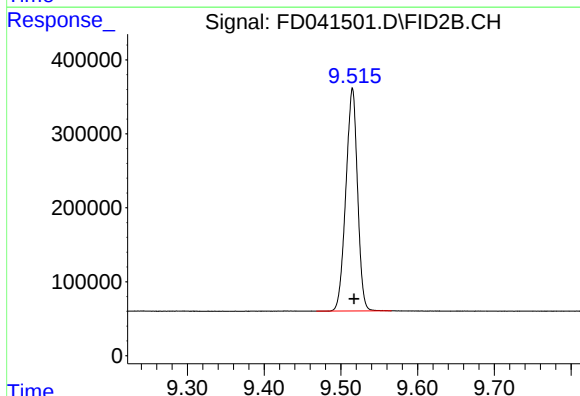
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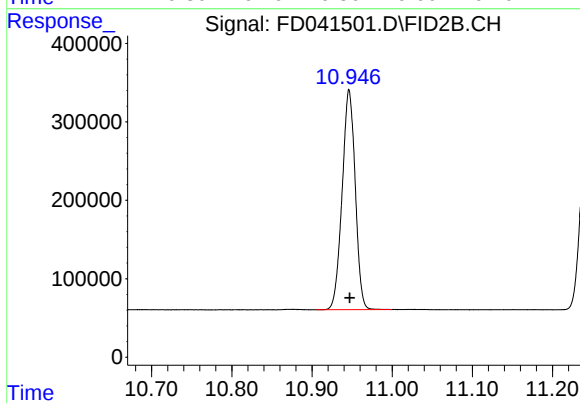
#6 n-Tetradecane (C14)

R.T.: 7.927 min
Delta R.T.: -0.003 min
Response: 3175192
Conc: 21.21 ug/ml



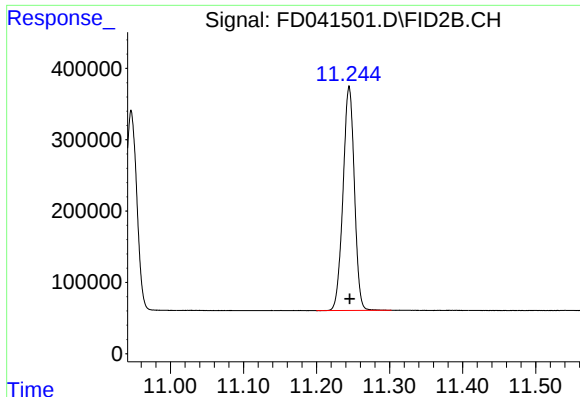
#7 n-Hexadecane (C16)

R.T.: 9.515 min
Delta R.T.: -0.002 min
Response: 3185164
Conc: 20.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.946 min
Delta R.T.: -0.001 min
Response: 3178876
Conc: 20.45 ug/ml



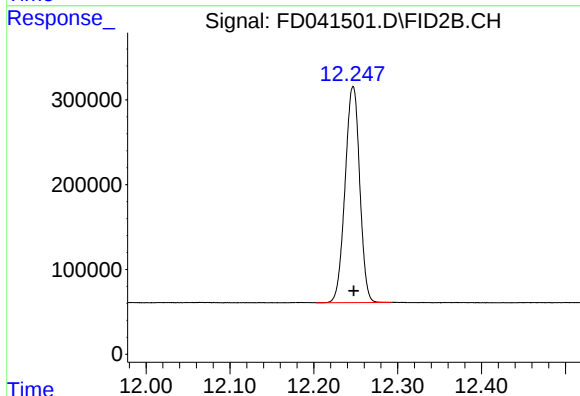
#9 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: 0.000 min
Response: 3394923
Conc: 19.57 ug/ml

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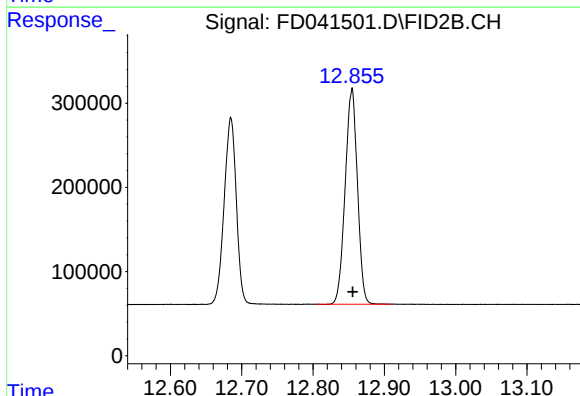
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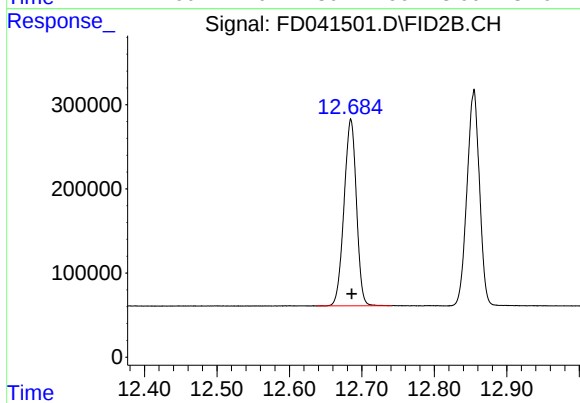
#10 n-Eicosane (C20)

R.T.: 12.247 min
Delta R.T.: 0.000 min
Response: 3089745
Conc: 19.90 ug/ml



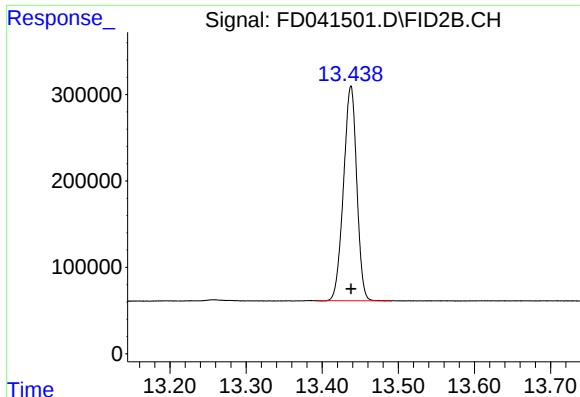
#11 n-Heneicosane (C21)

R.T.: 12.855 min
Delta R.T.: -0.001 min
Response: 3062120
Conc: 19.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.685 min
Delta R.T.: -0.001 min
Response: 2631196
Conc: 19.43 ug/ml



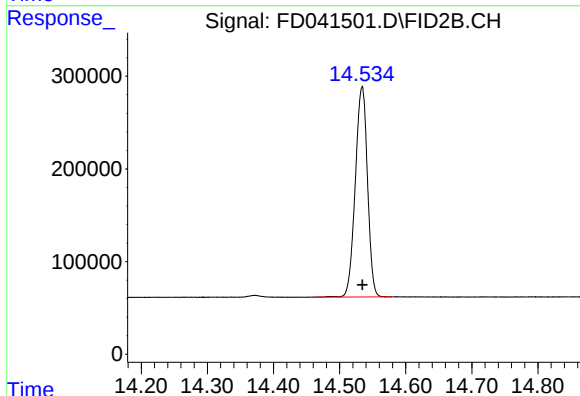
#13 n-Docosane (C22)

R.T.: 13.438 min
Delta R.T.: 0.000 min
Response: 3006560
Conc: 19.20 ug/ml

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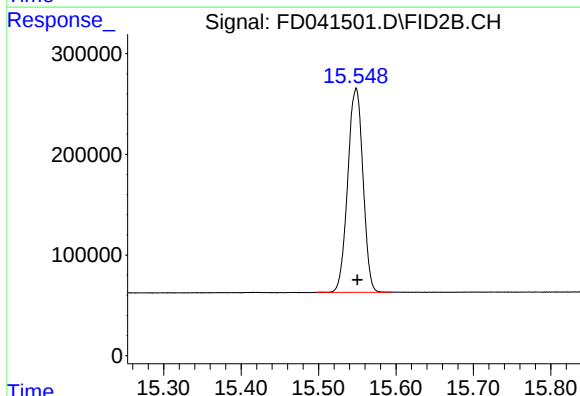
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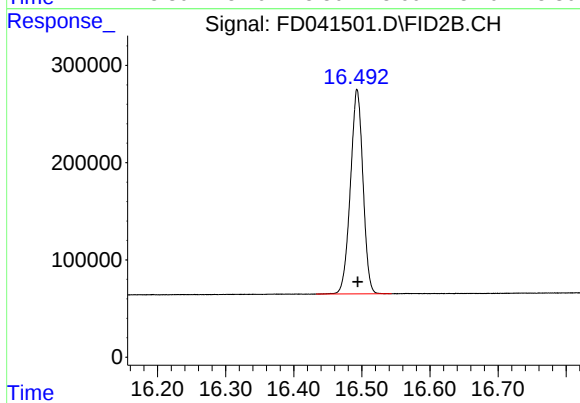
#14 n-Tetracosane (C24)

R.T.: 14.534 min
Delta R.T.: 0.000 min
Response: 2903471
Conc: 18.51 ug/ml



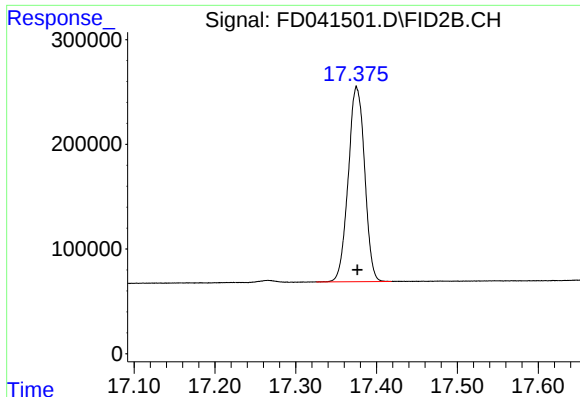
#15 n-Hexacosane (C26)

R.T.: 15.549 min
Delta R.T.: -0.001 min
Response: 2774371
Conc: 18.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.493 min
Delta R.T.: -0.001 min
Response: 2691842
Conc: 18.09 ug/ml



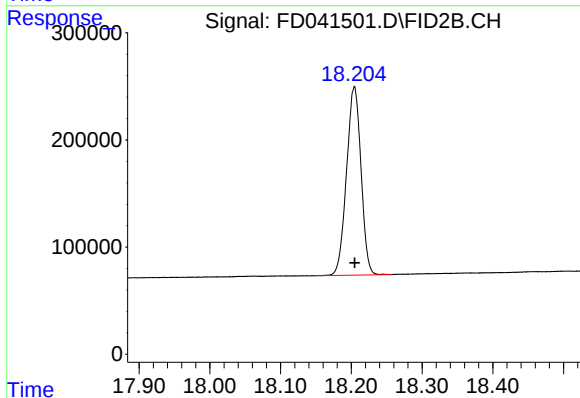
#17 n-Tricontane (C30)

R.T.: 17.375 min
Delta R.T.: -0.001 min
Response: 2620121
Conc: 18.62 ug/ml

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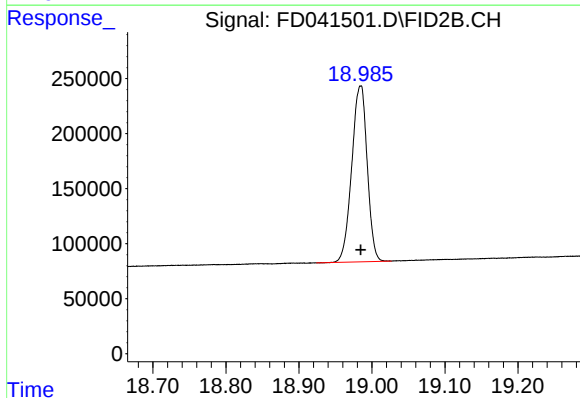
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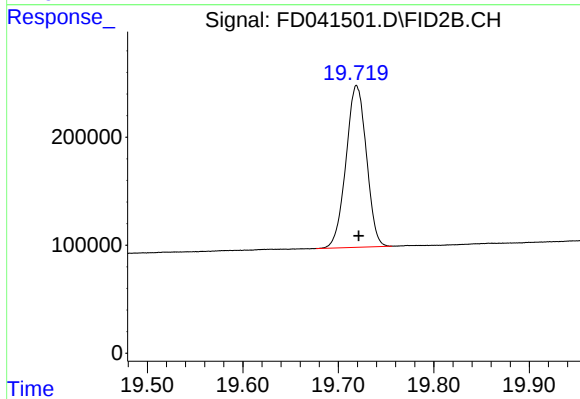
#18 n-Dotriacontane (C32)

R.T.: 18.204 min
Delta R.T.: 0.000 min
Response: 2500818
Conc: 19.66 ug/ml



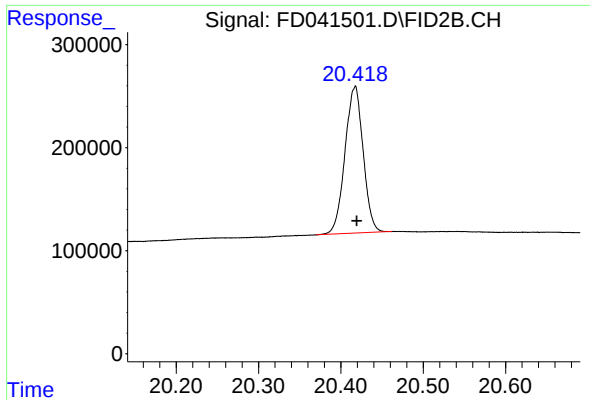
#19 n-Tetratriacontane (C34)

R.T.: 18.985 min
Delta R.T.: 0.000 min
Response: 2354532
Conc: 20.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.719 min
Delta R.T.: -0.003 min
Response: 2230630
Conc: 21.76 ug/ml m



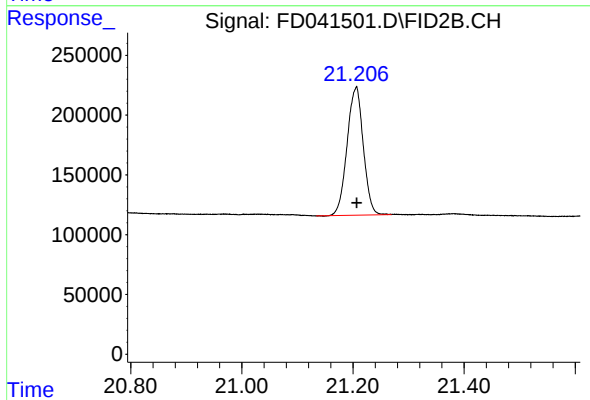
#21 n-Octatriacontane (C38)

R.T.: 20.418 min
Delta R.T.: -0.002 min
Response: 2181466
Conc: 22.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.206 min
Delta R.T.: 0.000 min
Response: 2161588
Conc: 22.81 ug/ml