

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031122AL\
 Data File : FD041504.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2022 10:15
 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 22:02:16 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)	11.244	3369754	19.427 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
12) S 1-chlorooctadecane (S...	12.684	2607719	19.261 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
Target Compounds			
1) T n-Nonane (C9)	3.104	3042715	20.895 ug/ml
2) T n-Decane (C10)	4.151	3030045	20.985 ug/ml
3) T A~Naphthalene (C11.7)	5.703	3333299	20.866 ug/ml
4) T n-Dodecane (C12)	6.149	3120806	21.072 ug/ml
5) T A~2-methylnaphthalene...	6.749	3354440	20.961 ug/ml
6) T n-Tetradecane (C14)	7.926	3149117	21.035 ug/ml
7) T n-Hexadecane (C16)	9.514	3159219	20.752 ug/ml
8) T n-Octadecane (C18)	10.946	3154293	20.294 ug/ml
10) T n-Eicosane (C20)	12.246	3068843	19.768 ug/ml
11) T n-Heneicosane (C21)	12.854	3039725	19.413 ug/ml
13) T n-Docosane (C22)	13.437	3009292	19.215 ug/ml
14) T n-Tetracosane (C24)	14.533	2944707	18.774 ug/ml
15) T n-Hexacosane (C26)	15.549	2826478	18.396 ug/ml
16) T n-Octacosane (C28)	16.493	2766810	18.591 ug/ml
17) T n-Tricontane (C30)	17.376	2707021	19.239 ug/ml
18) T n-Dotriacontane (C32)	18.205	2576441	20.251 ug/ml
19) T n-Tetratriacontane (C34)	18.984	2390960	20.992 ug/mlm
20) T n-Hexatriacontane (C36)	19.719	2234314	21.800 ug/mlm
21) T n-Octatriacontane (C38)	20.418	2165520	22.808 ug/mlm
22) T n-Tetracontane (C40)	21.205	2158661	22.777 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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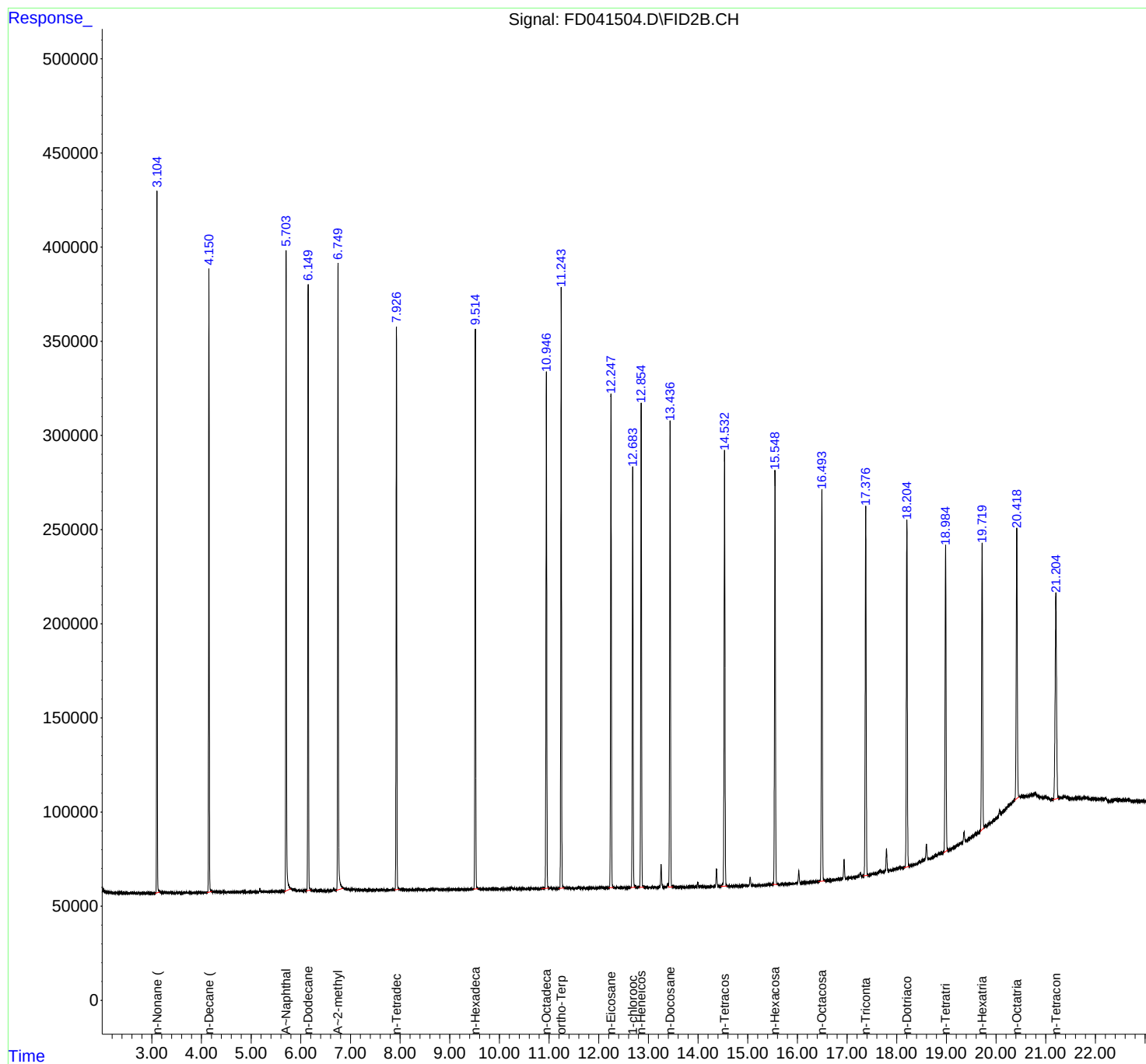
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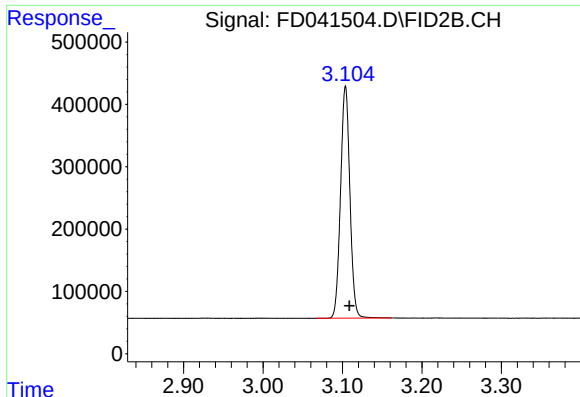
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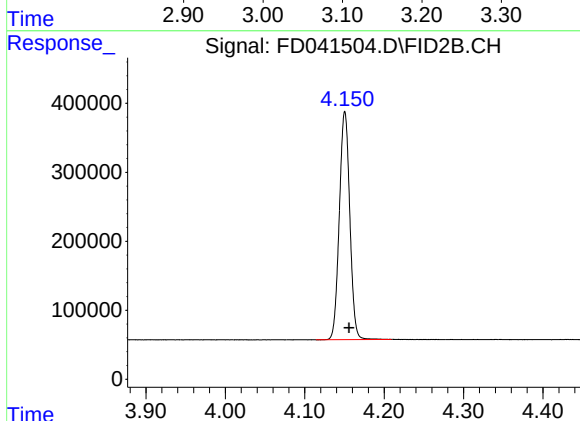
#1 n-Nonane (C9)

R.T.: 3.104 min
Delta R.T.: -0.005 min
Response: 3042715
Conc: 20.90 ug/ml

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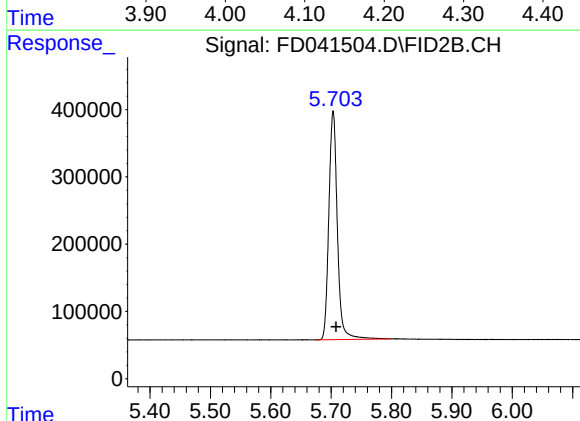
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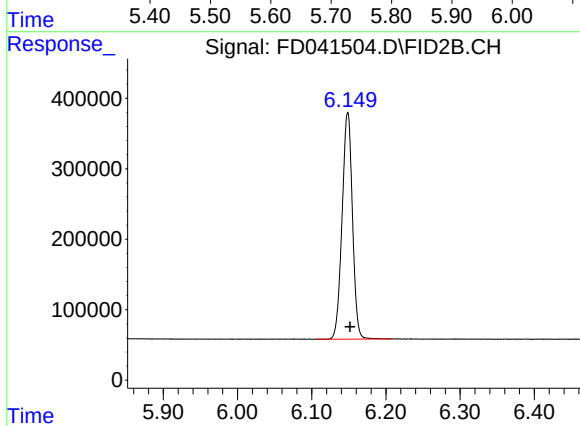
#2 n-Decane (C10)

R.T.: 4.151 min
Delta R.T.: -0.005 min
Response: 3030045
Conc: 20.98 ug/ml



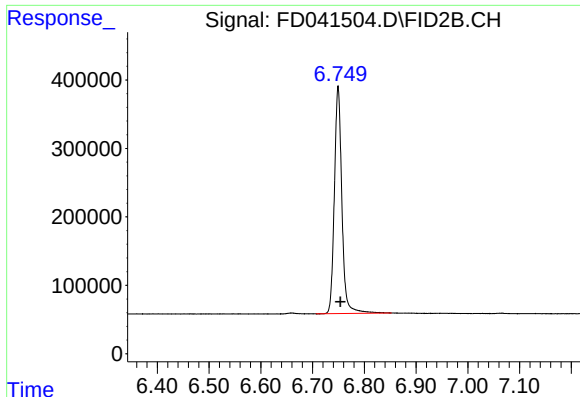
#3 A~Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 3333299
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.149 min
Delta R.T.: -0.003 min
Response: 3120806
Conc: 21.07 ug/ml



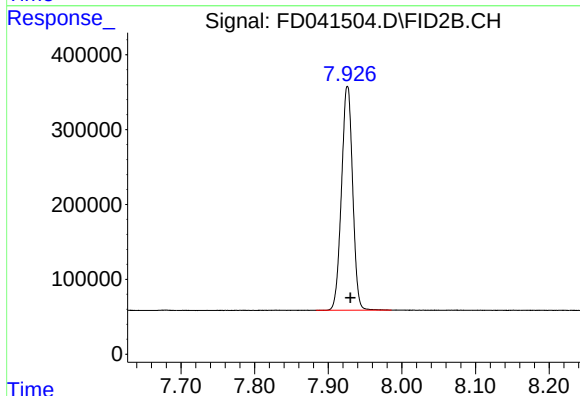
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 3354440
Conc: 20.96 ug/ml

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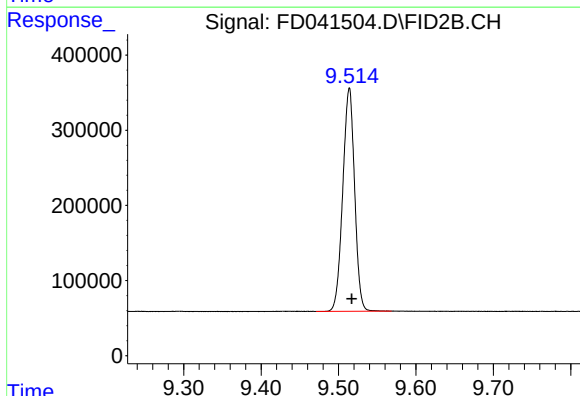
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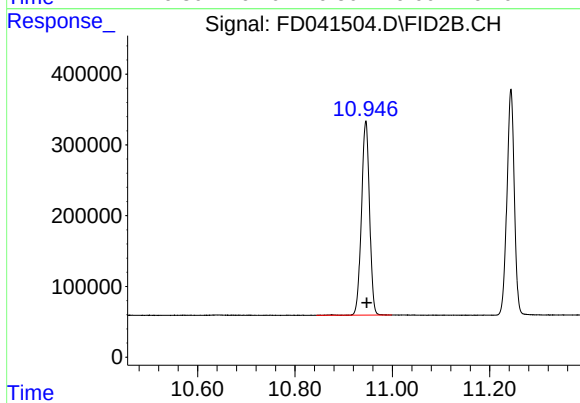
#6 n-Tetradecane (C14)

R.T.: 7.926 min
Delta R.T.: -0.004 min
Response: 3149117
Conc: 21.04 ug/ml



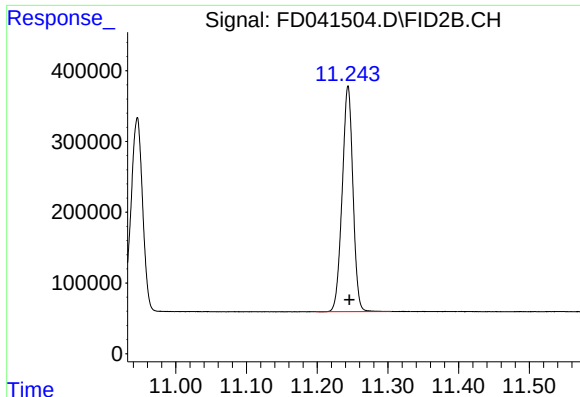
#7 n-Hexadecane (C16)

R.T.: 9.514 min
Delta R.T.: -0.003 min
Response: 3159219
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.946 min
Delta R.T.: -0.002 min
Response: 3154293
Conc: 20.29 ug/ml



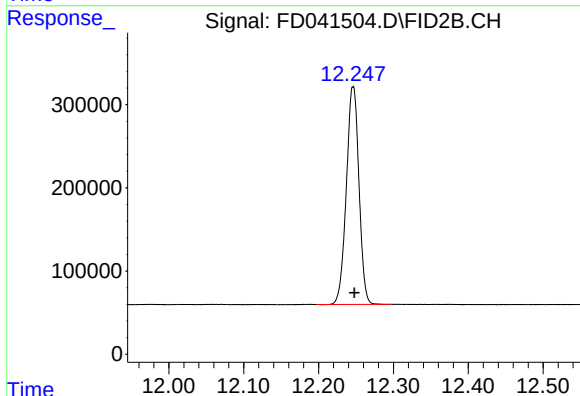
#9 ortho-Terphenyl (SURR)

R.T.: 11.244 min
Delta R.T.: -0.002 min
Response: 3369754
Conc: 19.43 ug/ml

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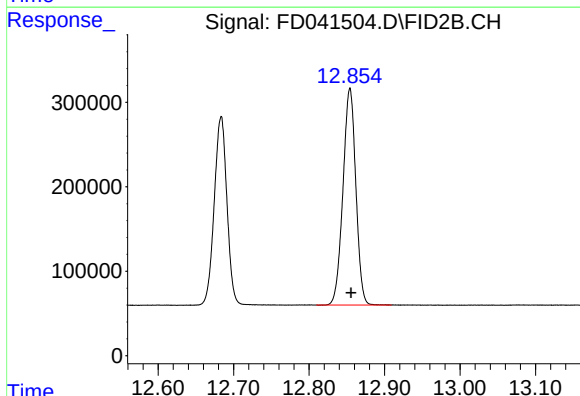
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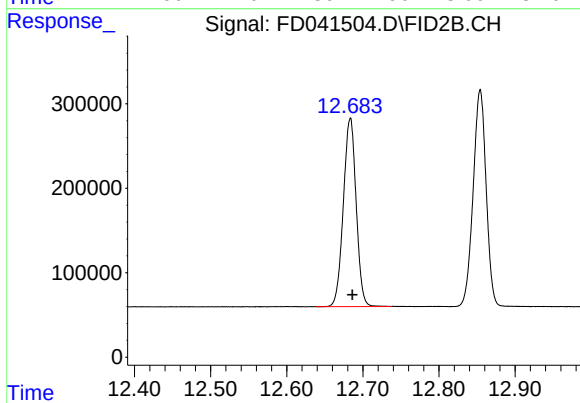
#10 n-Eicosane (C20)

R.T.: 12.246 min
Delta R.T.: -0.002 min
Response: 3068843
Conc: 19.77 ug/ml



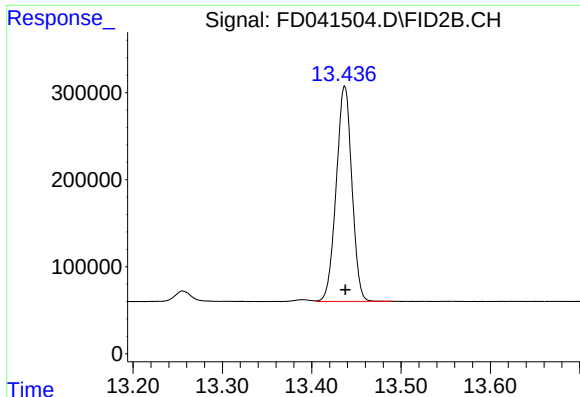
#11 n-Heneicosane (C21)

R.T.: 12.854 min
Delta R.T.: -0.002 min
Response: 3039725
Conc: 19.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.684 min
Delta R.T.: -0.003 min
Response: 2607719
Conc: 19.26 ug/ml



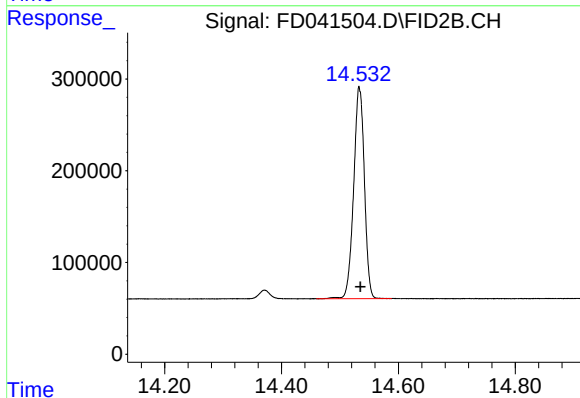
#13 n-Docosane (C22)

R.T.: 13.437 min
Delta R.T.: 0.000 min
Response: 3009292
Conc: 19.22 ug/ml

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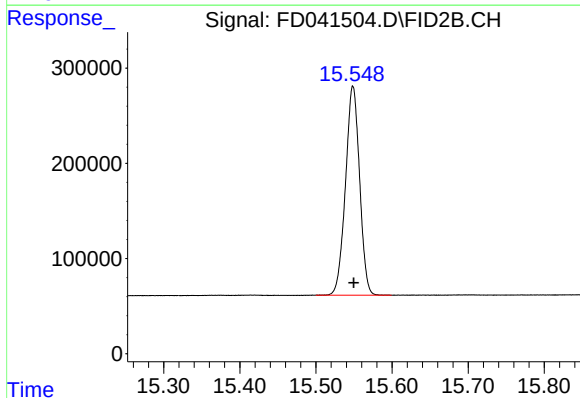
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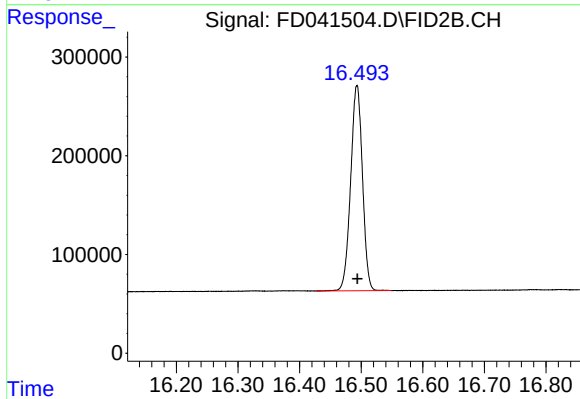
#14 n-Tetracosane (C24)

R.T.: 14.533 min
Delta R.T.: -0.002 min
Response: 2944707
Conc: 18.77 ug/ml



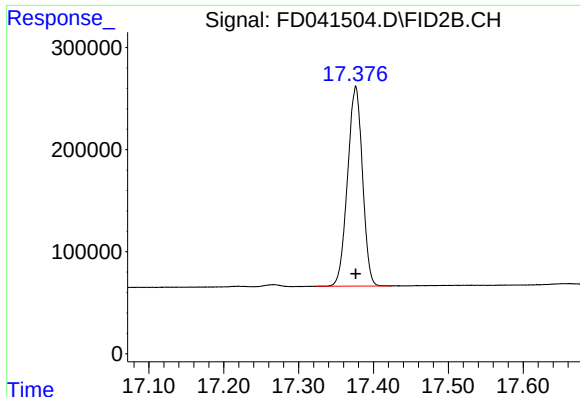
#15 n-Hexacosane (C26)

R.T.: 15.549 min
Delta R.T.: -0.001 min
Response: 2826478
Conc: 18.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.493 min
Delta R.T.: 0.000 min
Response: 2766810
Conc: 18.59 ug/ml



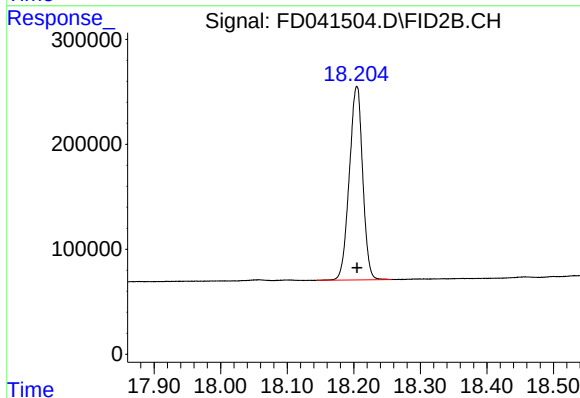
#17 n-Tricontane (C30)

R.T.: 17.376 min
Delta R.T.: 0.000 min
Response: 2707021
Conc: 19.24 ug/ml

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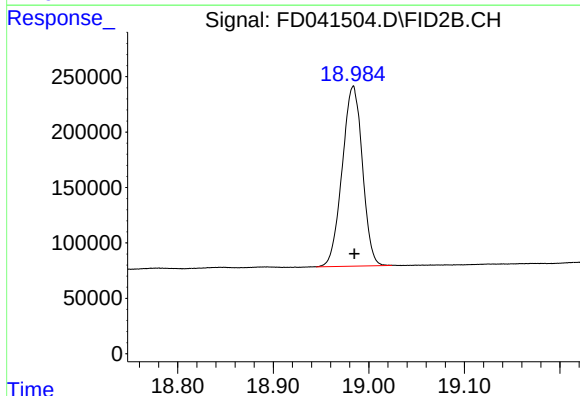
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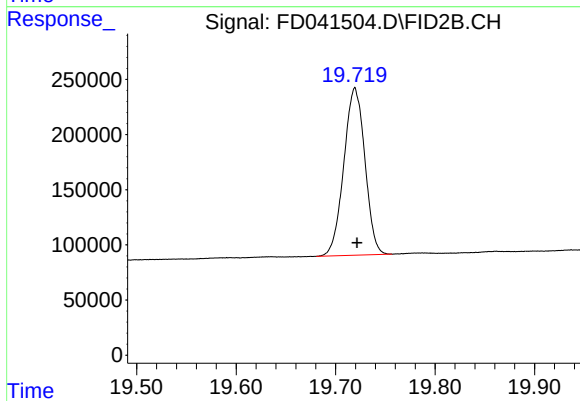
#18 n-Dotriacontane (C32)

R.T.: 18.205 min
Delta R.T.: 0.000 min
Response: 2576441
Conc: 20.25 ug/ml



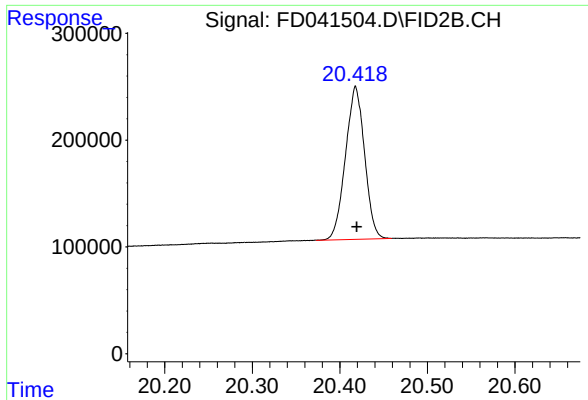
#19 n-Tetratriacontane (C34)

R.T.: 18.984 min
Delta R.T.: -0.001 min
Response: 2390960
Conc: 20.99 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.719 min
Delta R.T.: -0.002 min
Response: 2234314
Conc: 21.80 ug/ml m



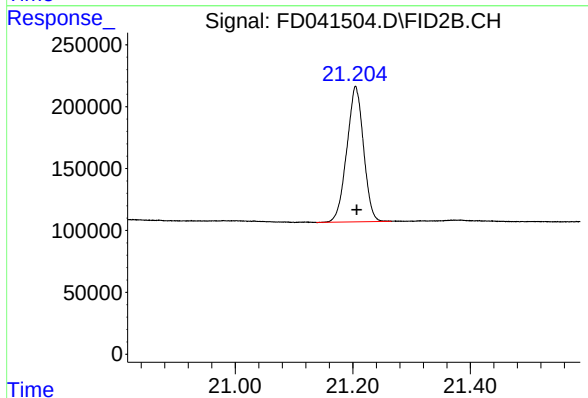
#21 n-Octatriacontane (C38)

R.T.: 20.418 min
Delta R.T.: -0.002 min
Response: 2165520
Conc: 22.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.205 min
Delta R.T.: -0.002 min
Response: 2158661
Conc: 22.78 ug/ml