

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111120AL\
 Data File : FD035454.D
 Signal(s) : FID2B.CH
 Acq On : 11 Nov 2020 11:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 12 02:48:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 2020
 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)	11.535	2526419	19.421 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
12) S 1-chlorooctadecane (S...	12.967	2009537	19.282 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
Target Compounds			
1) T n-Nonane (C9)	3.326	2308584	20.502 ug/ml
2) T n-Decane (C10)	4.389	2322924	20.556 ug/ml
3) T A~Naphthalene (C11.7)	5.969	2505680	20.489 ug/ml
4) T n-Dodecane (C12)	6.399	2372450	20.520 ug/ml
5) T A~2-methylnaphthalene...	7.021	2551852	20.395 ug/ml
6) T n-Tetradecane (C14)	8.187	2376018	20.632 ug/ml
7) T n-Hexadecane (C16)	9.782	2333095	20.418 ug/ml
8) T n-Octadecane (C18)	11.219	2422605	20.075 ug/ml
10) T n-Eicosane (C20)	12.524	2420226	19.736 ug/ml
11) T n-Heneicosane (C21)	13.134	2387995	19.423 ug/ml
13) T n-Docosane (C22)	13.718	2412937	19.568 ug/ml
14) T n-Tetracosane (C24)	14.816	2440094	19.723 ug/ml
15) T n-Hexacosane (C26)	15.832	2352545	19.113 ug/ml
16) T n-Octacosane (C28)	16.778	2288658	18.589 ug/ml
17) T n-Tricontane (C30)	17.662	2204472	18.241 ug/ml
18) T n-Dotriacontane (C32)	18.488	2017019	17.939 ug/ml
19) T n-Tetratriacontane (C34)	19.269	1847758	17.605 ug/ml
20) T n-Hexatriacontane (C36)	20.004	1734893	18.110 ug/ml
21) T n-Octatriacontane (C38)	20.726	1650703	18.584 ug/ml
22) T n-Tetracontane (C40)	21.605	1680268	19.146 ug/ml

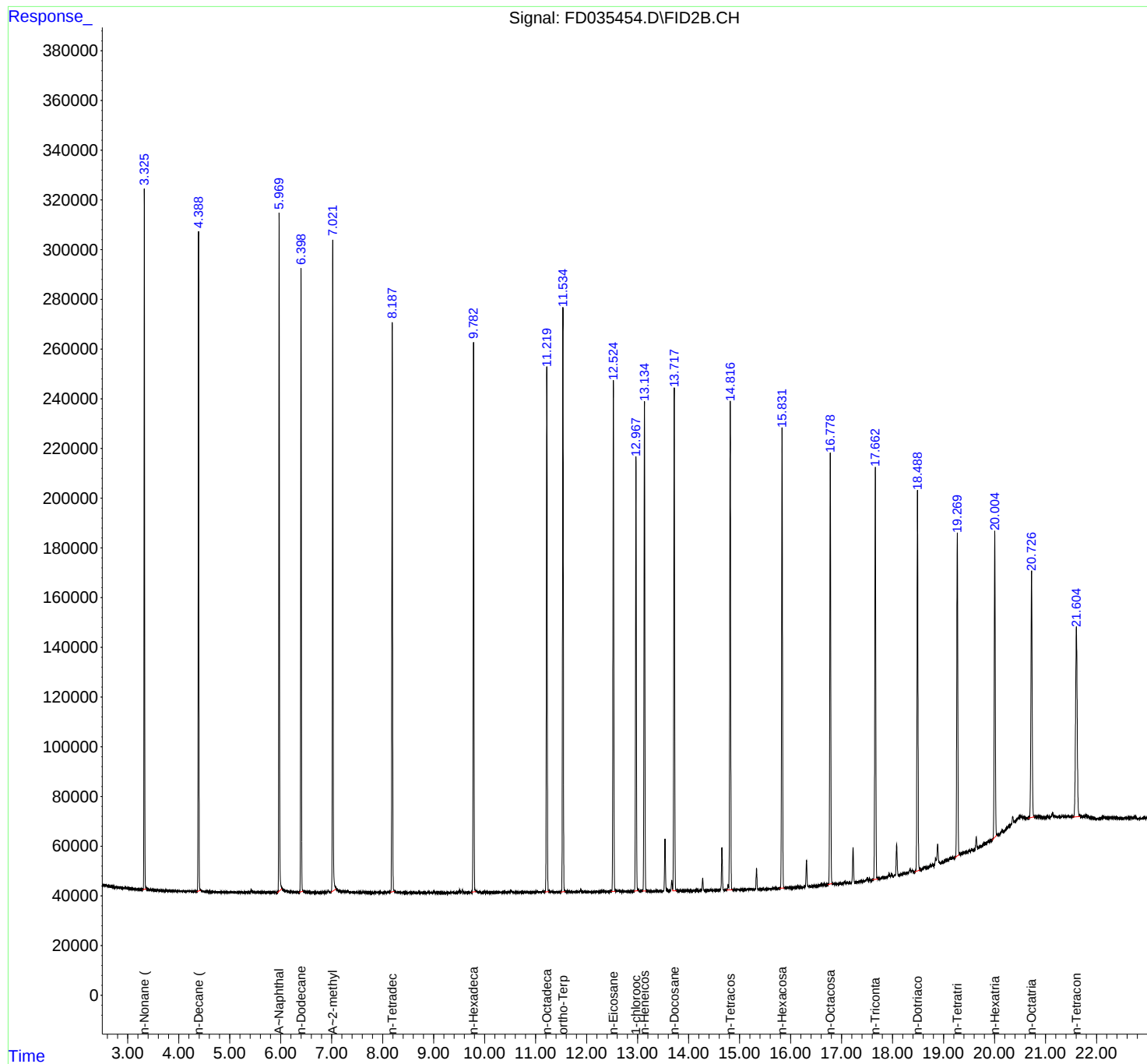
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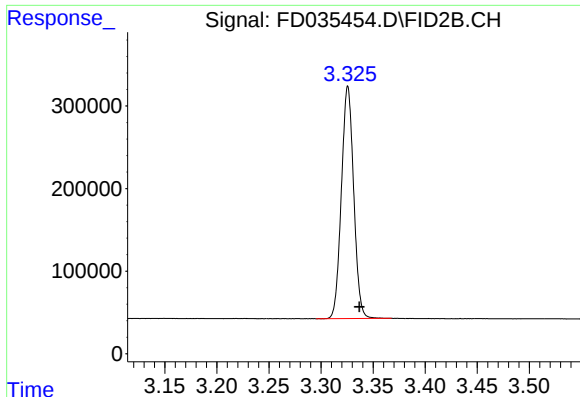
(m)=manual int.

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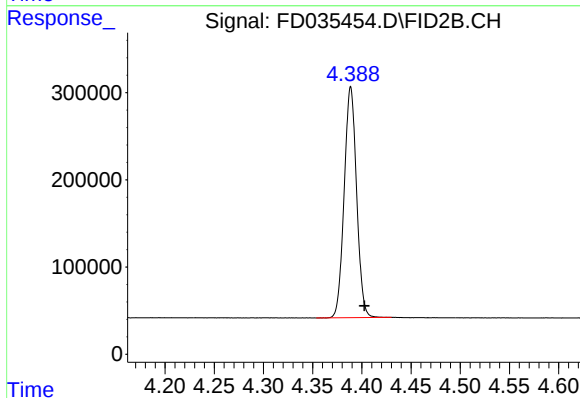
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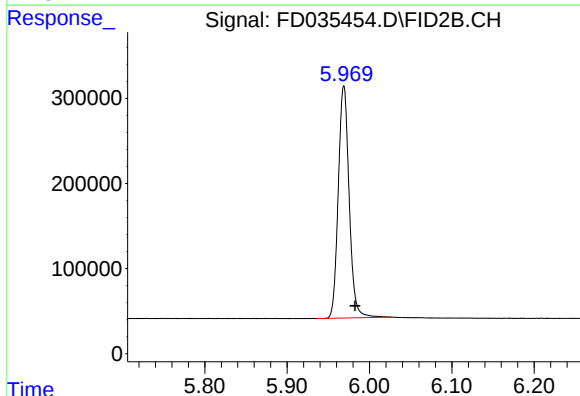
#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.011 min
Response: 2308584
Conc: 20.50 ug/ml



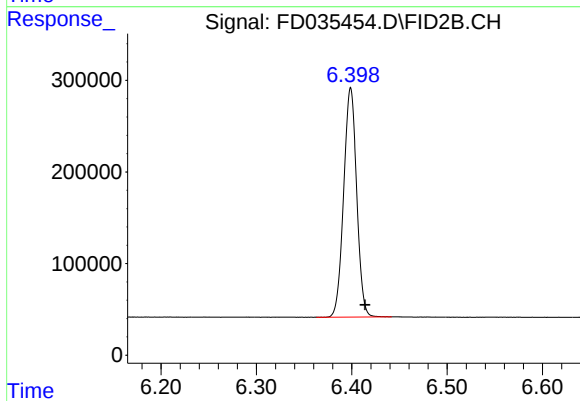
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.014 min
Response: 2322924
Conc: 20.56 ug/ml



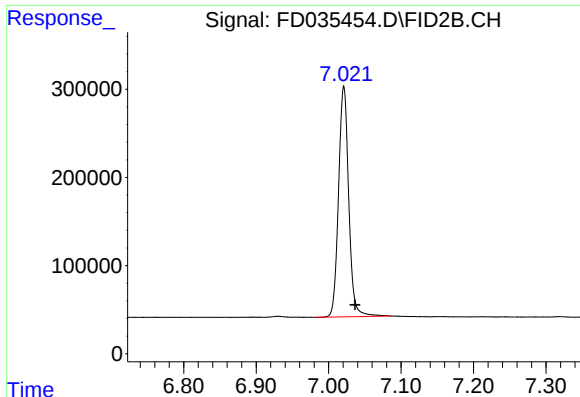
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.014 min
Response: 2505680
Conc: 20.49 ug/ml



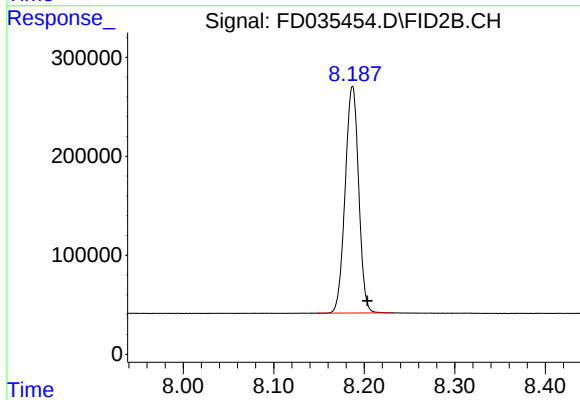
#4 n-Dodecane (C12)

R.T.: 6.399 min
Delta R.T.: -0.015 min
Response: 2372450
Conc: 20.52 ug/ml



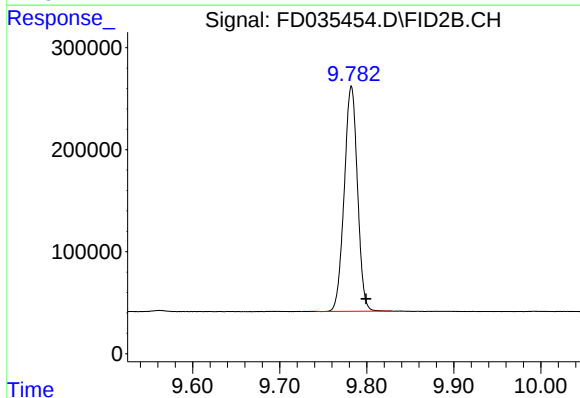
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: -0.015 min
Response: 2551852
Conc: 20.39 ug/ml



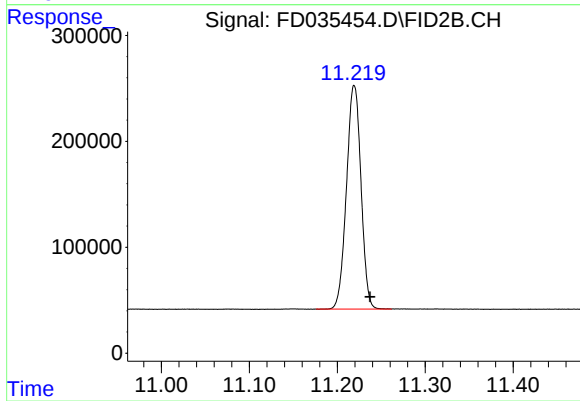
#6 n-Tetradecane (C14)

R.T.: 8.187 min
Delta R.T.: -0.016 min
Response: 2376018
Conc: 20.63 ug/ml



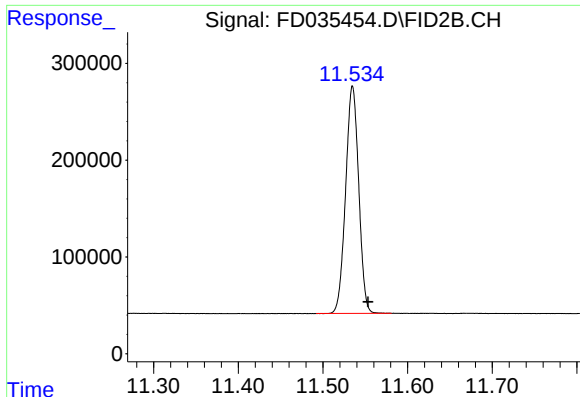
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.017 min
Response: 2333095
Conc: 20.42 ug/ml



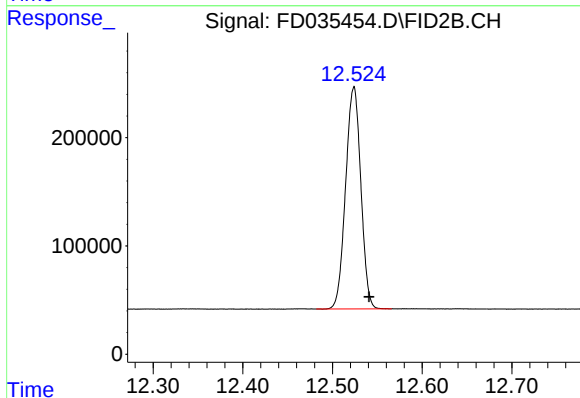
#8 n-Octadecane (C18)

R.T.: 11.219 min
Delta R.T.: -0.018 min
Response: 2422605
Conc: 20.08 ug/ml



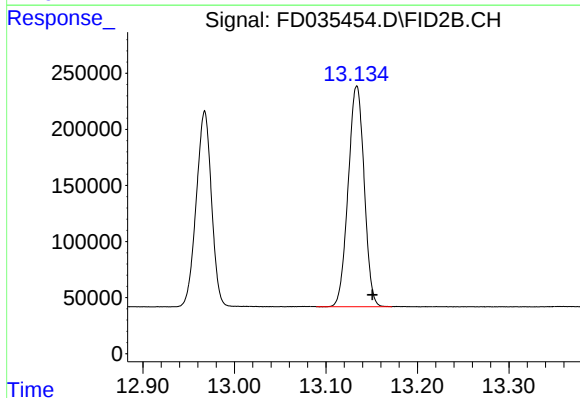
#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.018 min
Response: 2526419
Conc: 19.42 ug/ml



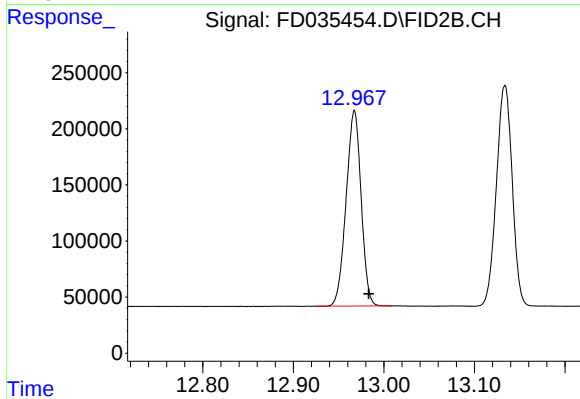
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.017 min
Response: 2420226
Conc: 19.74 ug/ml



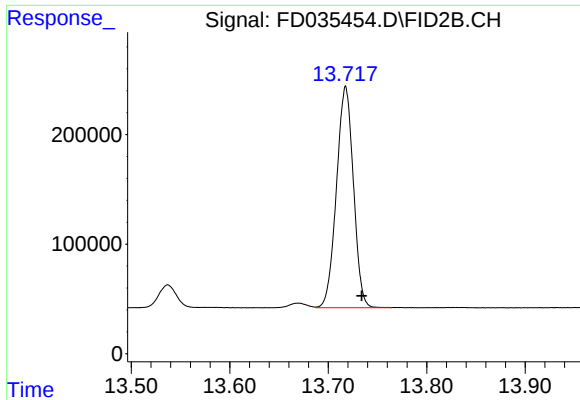
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.017 min
Response: 2387995
Conc: 19.42 ug/ml



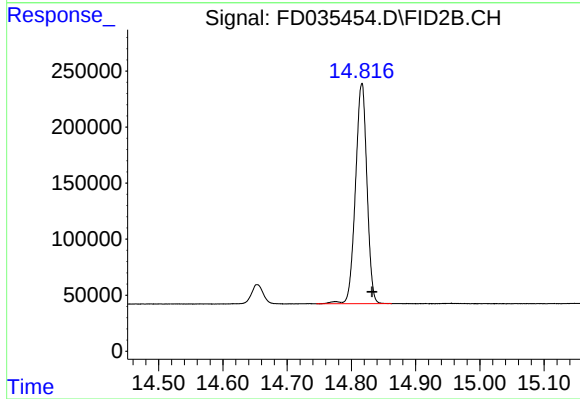
#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.016 min
Response: 2009537
Conc: 19.28 ug/ml



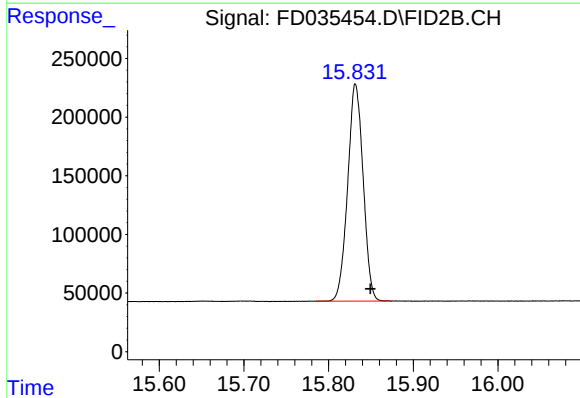
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.016 min
Response: 2412937
Conc: 19.57 ug/ml



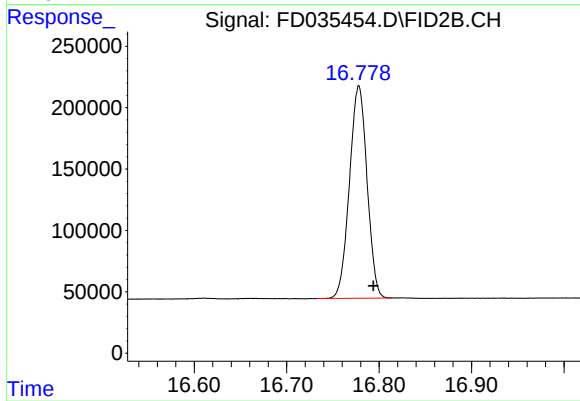
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: -0.016 min
Response: 2440094
Conc: 19.72 ug/ml



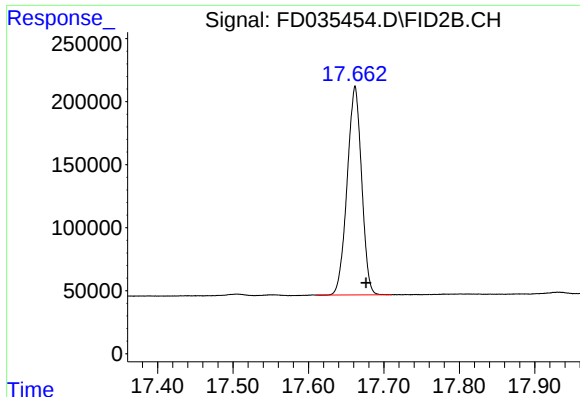
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: -0.018 min
Response: 2352545
Conc: 19.11 ug/ml



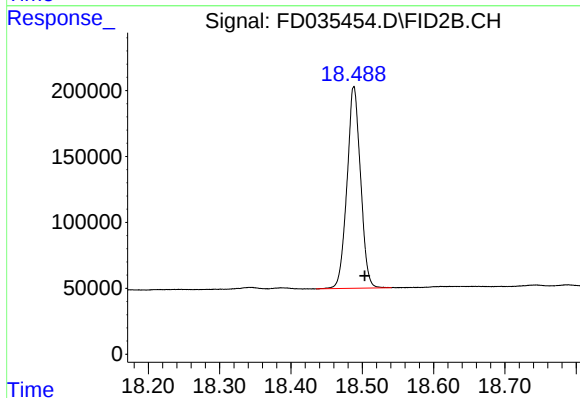
#16 n-Octacosane (C28)

R.T.: 16.778 min
Delta R.T.: -0.016 min
Response: 2288658
Conc: 18.59 ug/ml



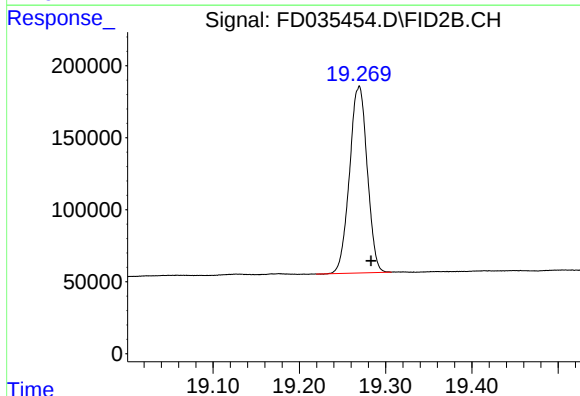
#17 n-Tricontane (C30)

R.T.: 17.662 min
Delta R.T.: -0.015 min
Response: 2204472
Conc: 18.24 ug/ml



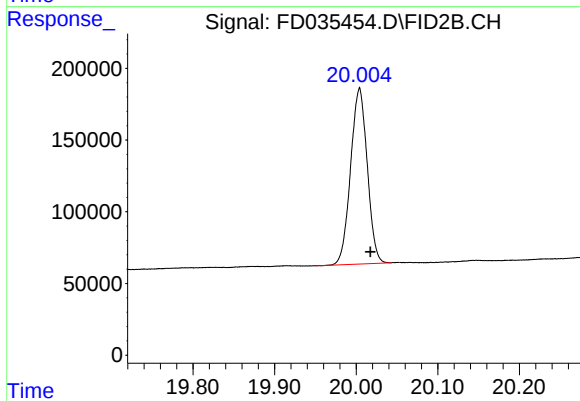
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: -0.015 min
Response: 2017019
Conc: 17.94 ug/ml



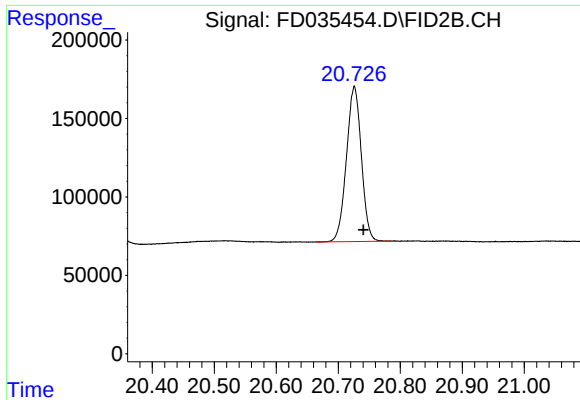
#19 n-Tetratriacontane (C34)

R.T.: 19.269 min
Delta R.T.: -0.014 min
Response: 1847758
Conc: 17.60 ug/ml



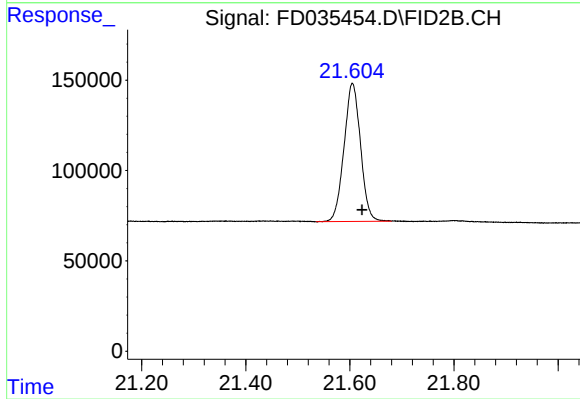
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: -0.013 min
Response: 1734893
Conc: 18.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: -0.015 min
Response: 1650703
Conc: 18.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: -0.019 min
Response: 1680268
Conc: 19.15 ug/ml