

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111720AL\
 Data File : FD035560.D
 Signal(s) : FID2B.CH
 Acq On : 17 Nov 2020 10:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 17 12:52:26 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)	11.538	2402478	18.468 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
12) S 1-chlorooctadecane (S...	12.970	1897970	18.211 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
Target Compounds			
1) T n-Nonane (C9)	3.323	2213779	19.660 ug/ml
2) T n-Decane (C10)	4.387	2229900	19.733 ug/ml
3) T A~Naphthalene (C11.7)	5.971	2430359	19.873 ug/ml
4) T n-Dodecane (C12)	6.399	2289114	19.799 ug/ml
5) T A~2-methylnaphthalene...	7.025	2477627	19.801 ug/ml
6) T n-Tetradecane (C14)	8.188	2295753	19.935 ug/ml
7) T n-Hexadecane (C16)	9.784	2253732	19.724 ug/ml
8) T n-Octadecane (C18)	11.222	2320581	19.230 ug/ml
10) T n-Eicosane (C20)	12.528	2290853	18.681 ug/ml
11) T n-Heneicosane (C21)	13.137	2259255	18.376 ug/ml
13) T n-Docosane (C22)	13.721	2244960	18.206 ug/ml
14) T n-Tetracosane (C24)	14.821	2196028	17.751 ug/ml
15) T n-Hexacosane (C26)	15.837	2138558	17.374 ug/ml
16) T n-Octacosane (C28)	16.783	2101363	17.068 ug/ml
17) T n-Tricontane (C30)	17.667	2049345	16.957 ug/ml
18) T n-Dotriacontane (C32)	18.496	1919301	17.070 ug/ml
19) T n-Tetratriacontane (C34)	19.276	1780259	16.961 ug/ml
20) T n-Hexatriacontane (C36)	20.014	1739896	18.163 ug/mlm
21) T n-Octatriacontane (C38)	20.734	1428950	16.087 ug/mlm
22) T n-Tetracontane (C40)	21.618	1528882	17.421 ug/mlm

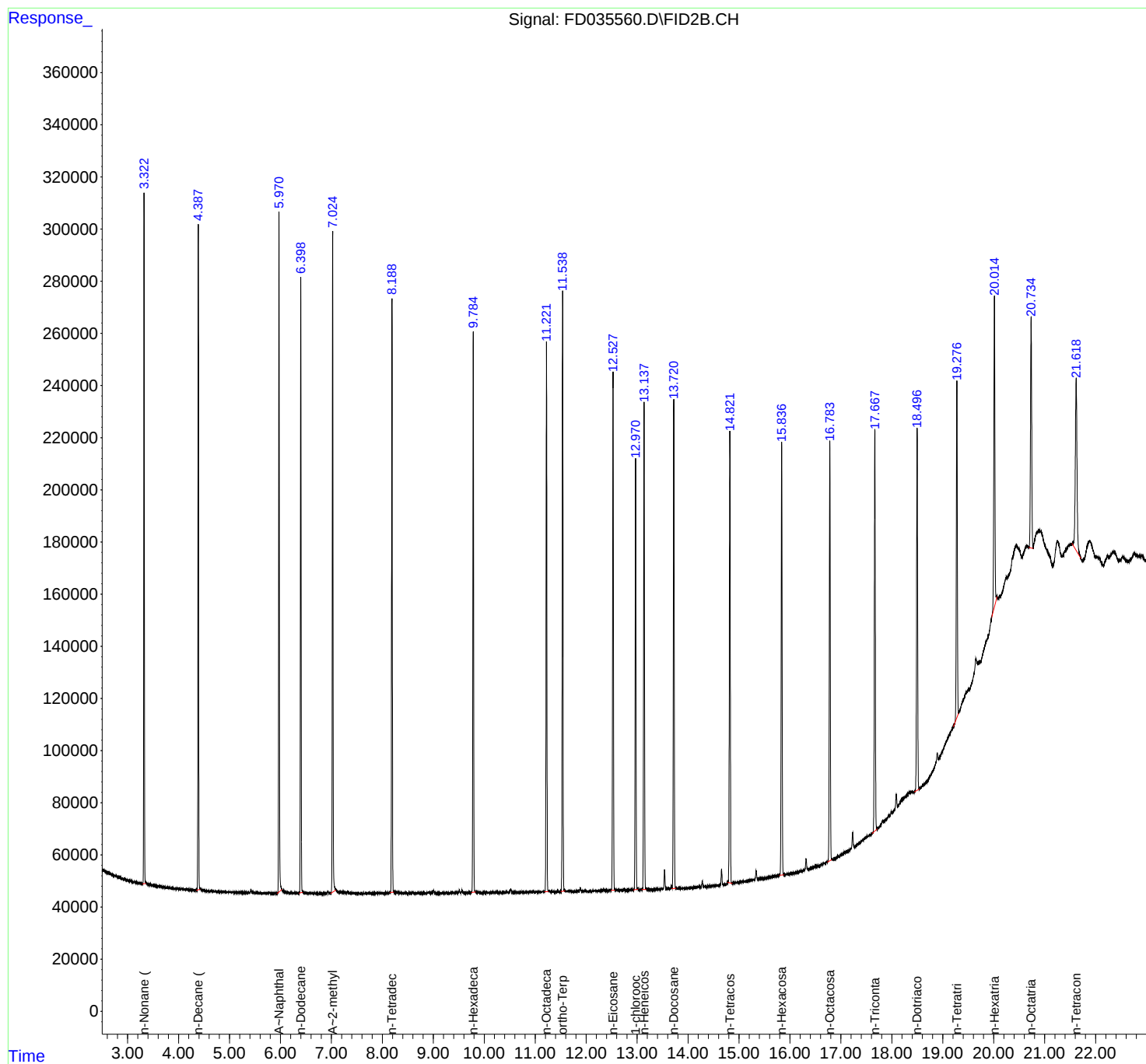
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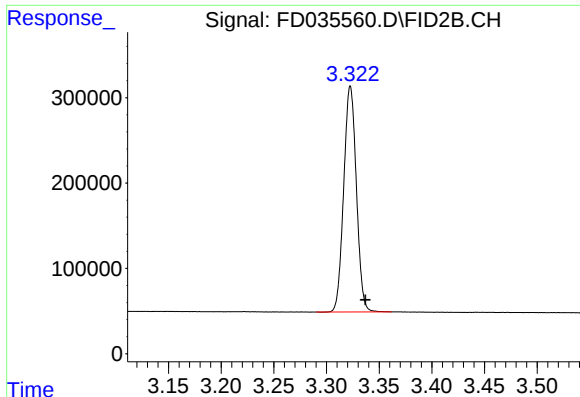
(m)=manual int.

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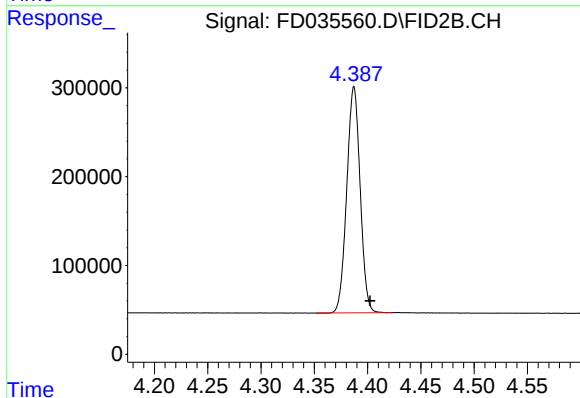
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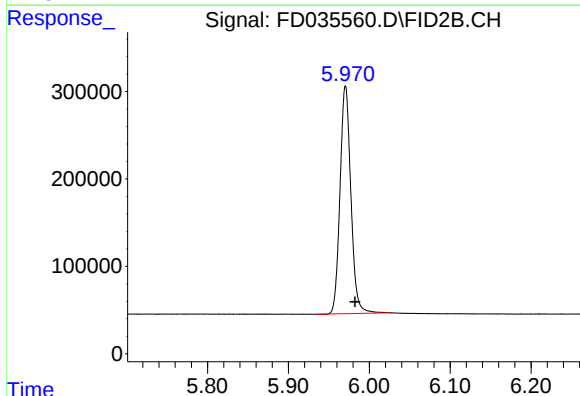
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.014 min
Response: 2213779
Conc: 19.66 ug/ml



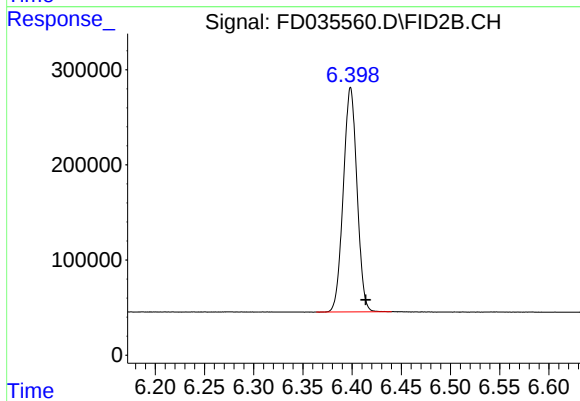
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.015 min
Response: 2229900
Conc: 19.73 ug/ml



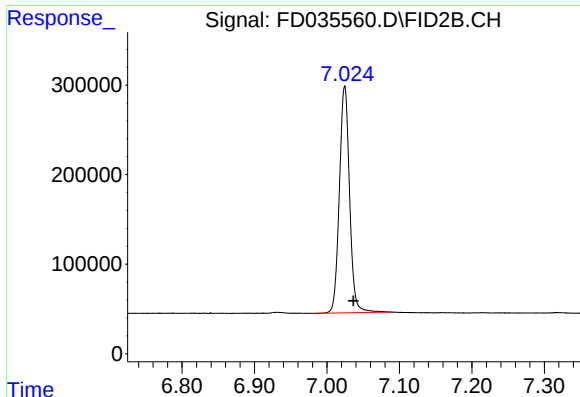
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.012 min
Response: 2430359
Conc: 19.87 ug/ml



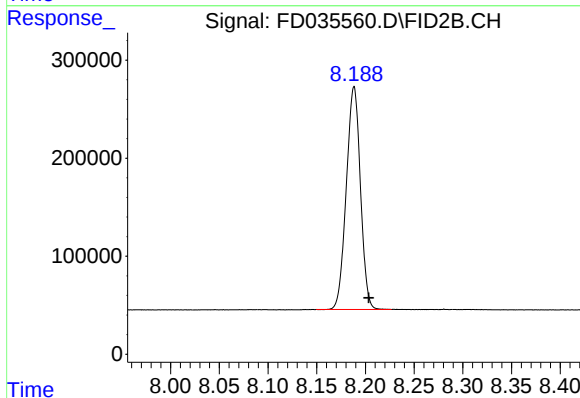
#4 n-Dodecane (C12)

R.T.: 6.399 min
Delta R.T.: -0.015 min
Response: 2289114
Conc: 19.80 ug/ml



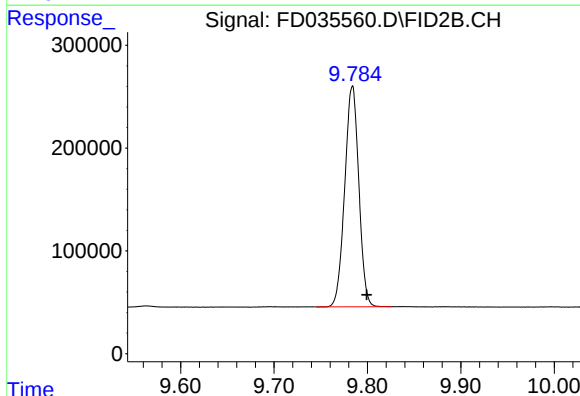
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.012 min
Response: 2477627
Conc: 19.80 ug/ml



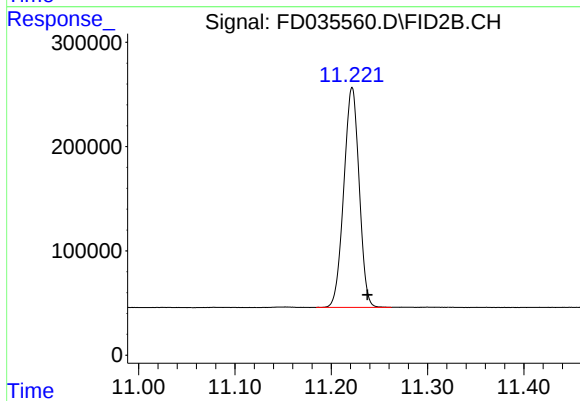
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: -0.015 min
Response: 2295753
Conc: 19.93 ug/ml



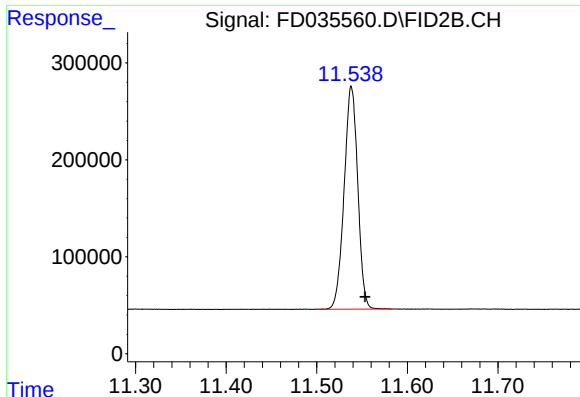
#7 n-Hexadecane (C16)

R.T.: 9.784 min
Delta R.T.: -0.015 min
Response: 2253732
Conc: 19.72 ug/ml



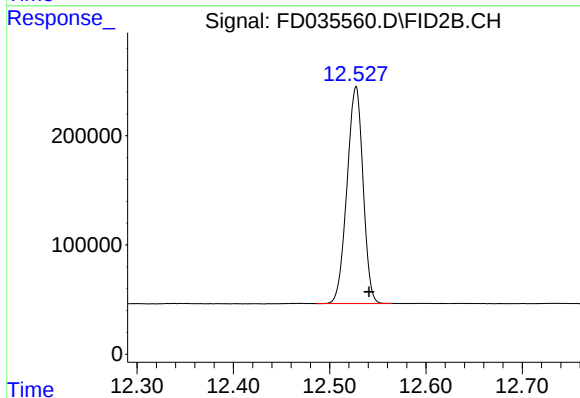
#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.016 min
Response: 2320581
Conc: 19.23 ug/ml



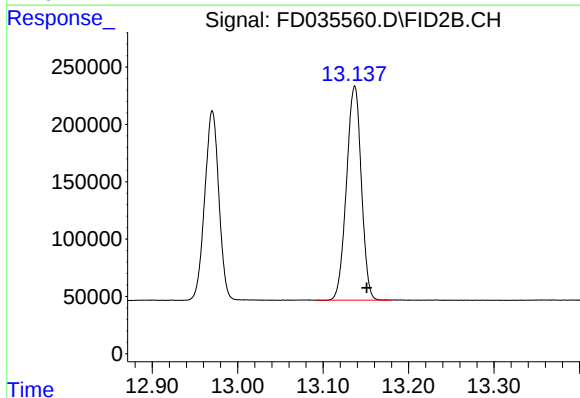
#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.015 min
Response: 2402478
Conc: 18.47 ug/ml



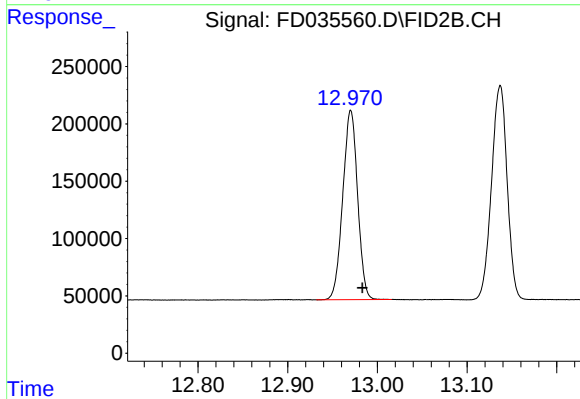
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.013 min
Response: 2290853
Conc: 18.68 ug/ml



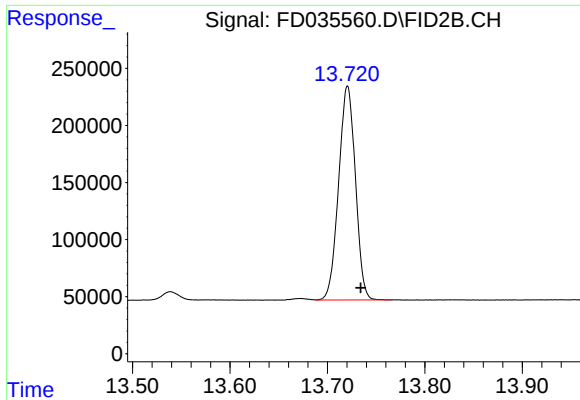
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.014 min
Response: 2259255
Conc: 18.38 ug/ml



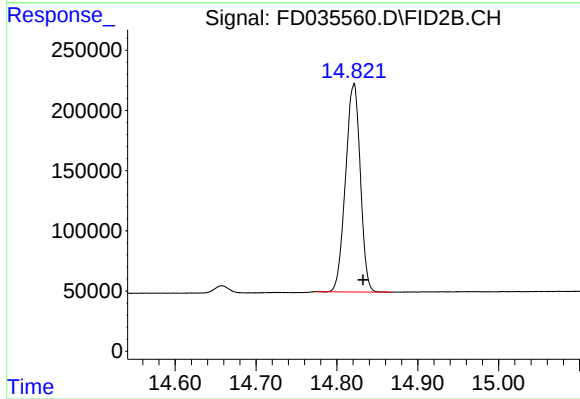
#12 1-chlorooctadecane (SURR)

R.T.: 12.970 min
Delta R.T.: -0.013 min
Response: 1897970
Conc: 18.21 ug/ml



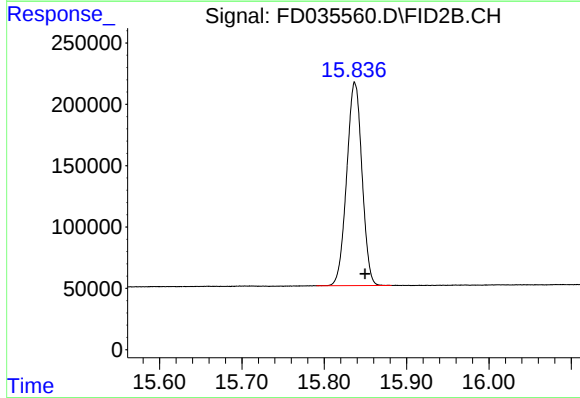
#13 n-Docosane (C22)

R.T.: 13.721 min
Delta R.T.: -0.013 min
Response: 2244960
Conc: 18.21 ug/ml



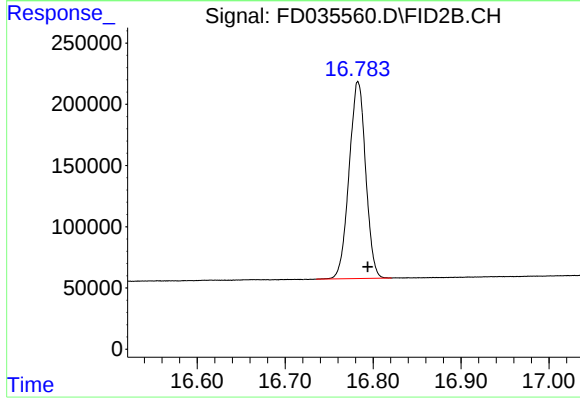
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.011 min
Response: 2196028
Conc: 17.75 ug/ml



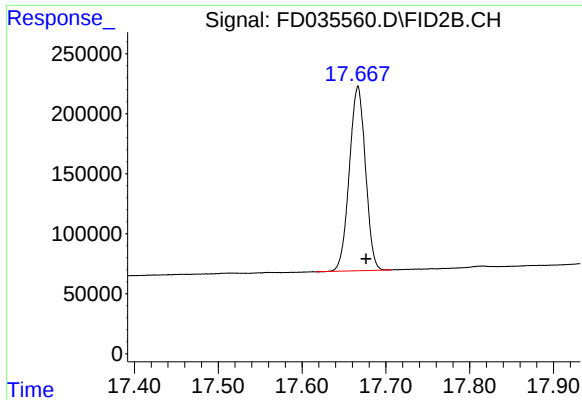
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: -0.012 min
Response: 2138558
Conc: 17.37 ug/ml



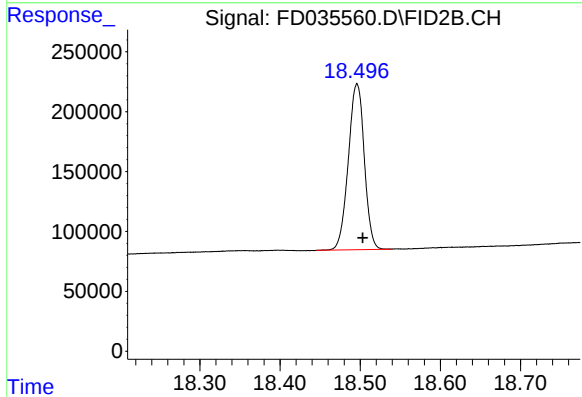
#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: -0.011 min
Response: 2101363
Conc: 17.07 ug/ml



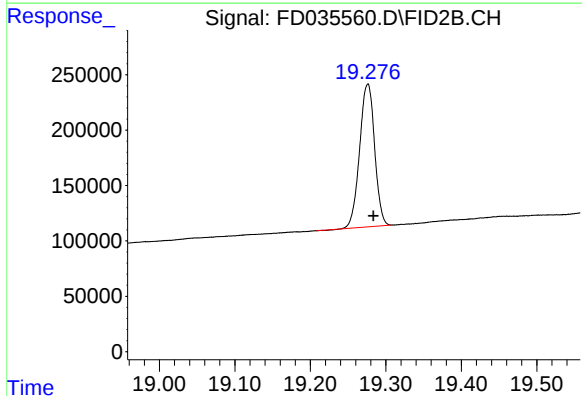
#17 n-Tricontane (C30)

R.T.: 17.667 min
Delta R.T.: -0.010 min
Response: 2049345
Conc: 16.96 ug/ml



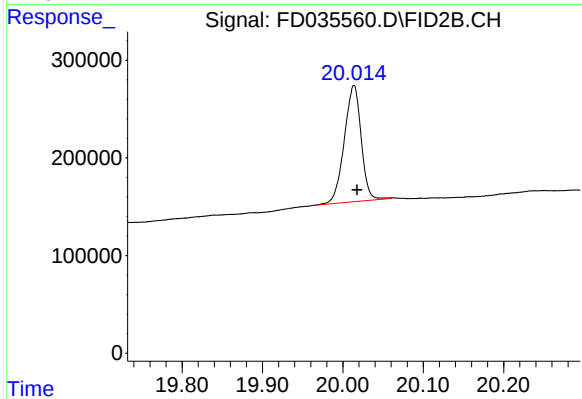
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: -0.007 min
Response: 1919301
Conc: 17.07 ug/ml



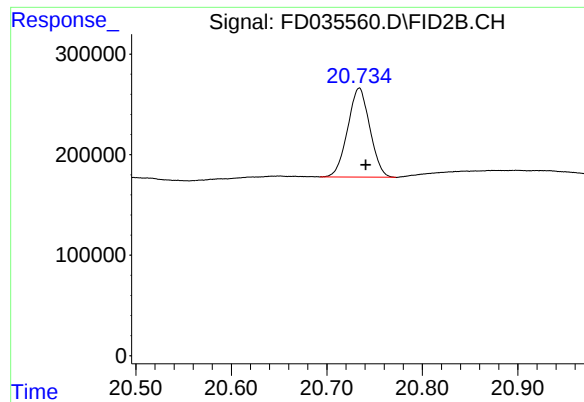
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min
Delta R.T.: -0.007 min
Response: 1780259
Conc: 16.96 ug/ml



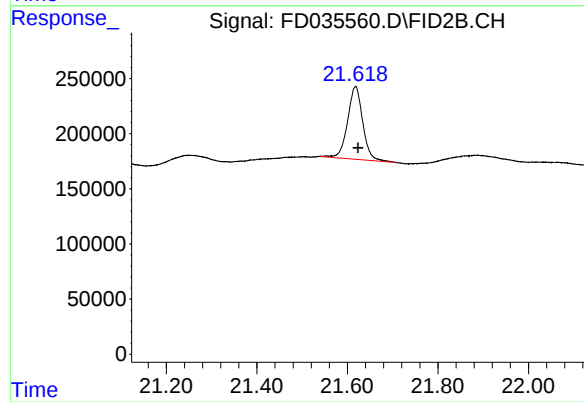
#20 n-Hexatriacontane (C36)

R.T.: 20.014 min
Delta R.T.: -0.004 min
Response: 1739896
Conc: 18.16 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.007 min
Response: 1428950
Conc: 16.09 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: -0.006 min
Response: 1528882
Conc: 17.42 ug/ml m