

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030422AL\
 Data File : FE035232.D
 Signal(s) : FID1B.CH
 Acq On : 04 Mar 2022 18:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 22:06:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 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)	11.359	2730616	19.715 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
12) S 1-chlorooctadecane (S...	12.793	2125305	19.621 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.183	2309034	20.109 ug/ml
2) T n-Decane (C10)	4.237	2300005	20.188 ug/ml
3) T A~Naphthalene (C11.7)	5.801	2563655	20.184 ug/ml
4) T n-Dodecane (C12)	6.241	2367040	20.132 ug/ml
5) T A~2-methylnaphthalene...	6.850	2592320	20.294 ug/ml
6) T n-Tetradecane (C14)	8.026	2410948	20.202 ug/ml
7) T n-Hexadecane (C16)	9.618	2453635	20.139 ug/ml
8) T n-Octadecane (C18)	11.052	2492522	19.884 ug/ml
10) T n-Eicosane (C20)	12.354	2481303	19.623 ug/ml
11) T n-Heneicosane (C21)	12.962	2485076	19.514 ug/ml
13) T n-Docosane (C22)	13.545	2485004	19.570 ug/ml
14) T n-Tetracosane (C24)	14.642	2479498	19.577 ug/ml
15) T n-Hexacosane (C26)	15.658	2426021	19.565 ug/ml
16) T n-Octacosane (C28)	16.601	2405035	20.066 ug/ml
17) T n-Tricontane (C30)	17.483	2363297	20.865 ug/ml
18) T n-Dotriacontane (C32)	18.311	2193955	21.545 ug/ml
19) T n-Tetratriacontane (C34)	19.091	1930371	21.635 ug/ml
20) T n-Hexatriacontane (C36)	19.827	1663380	21.911 ug/ml
21) T n-Octatriacontane (C38)	20.528	1521911	23.047 ug/ml
22) T n-Tetracontane (C40)	21.337	1450115	23.707 ug/ml

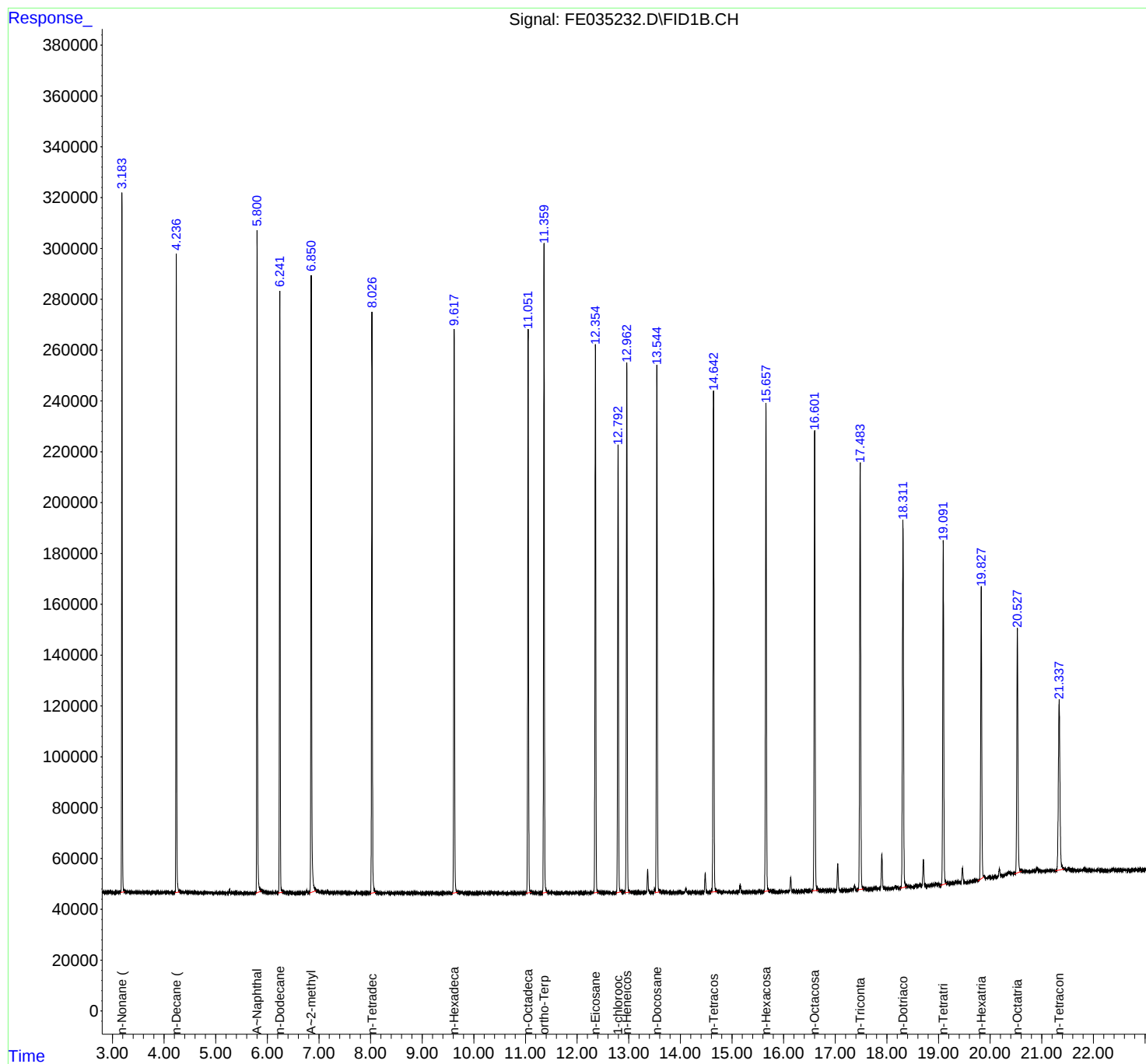
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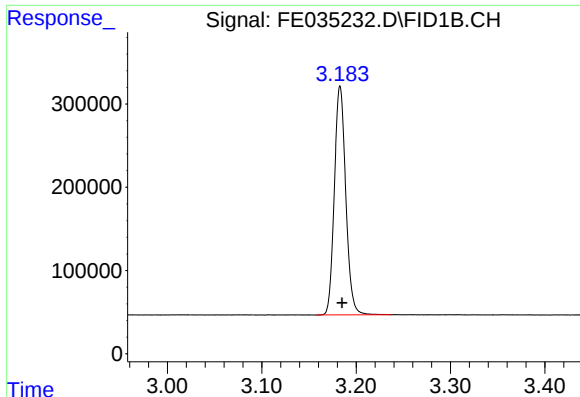
(m)=manual int.

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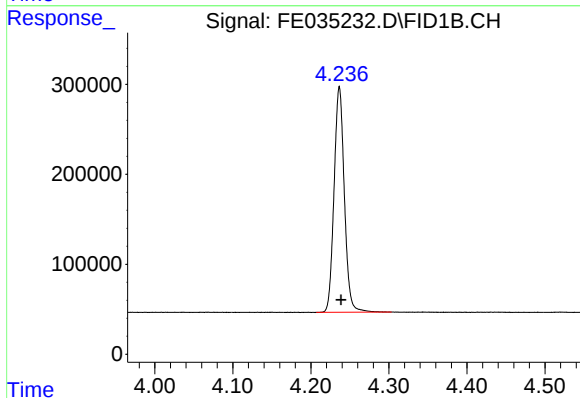
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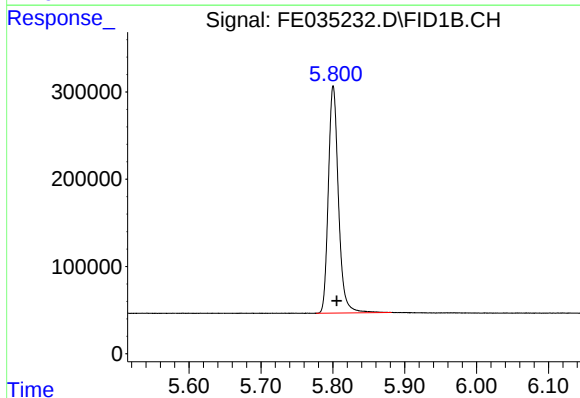
#1 n-Nonane (C9)

R.T.: 3.183 min
Delta R.T.: -0.002 min
Response: 2309034
Conc: 20.11 ug/ml



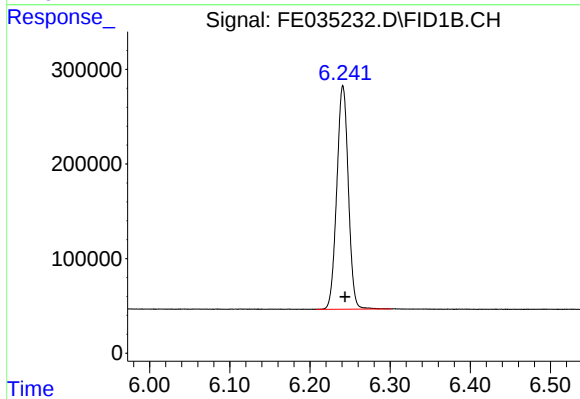
#2 n-Decane (C10)

R.T.: 4.237 min
Delta R.T.: -0.002 min
Response: 2300005
Conc: 20.19 ug/ml



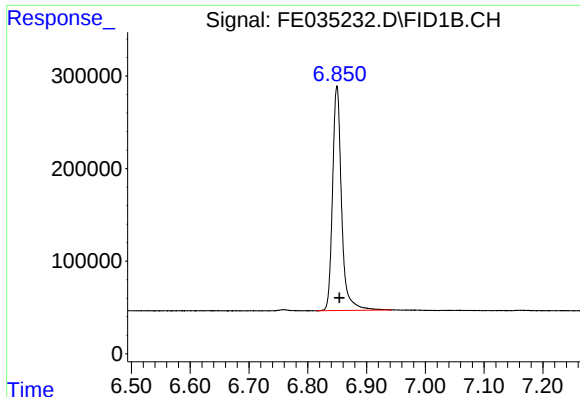
#3 A~Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: -0.005 min
Response: 2563655
Conc: 20.18 ug/ml



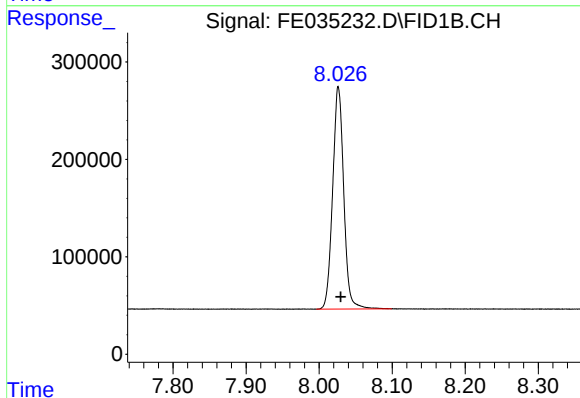
#4 n-Dodecane (C12)

R.T.: 6.241 min
Delta R.T.: -0.002 min
Response: 2367040
Conc: 20.13 ug/ml



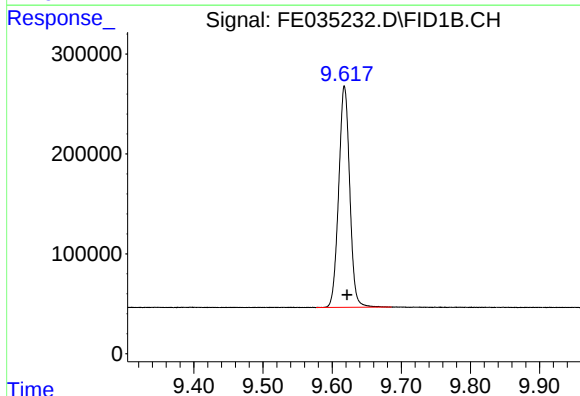
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 2592320
Conc: 20.29 ug/ml



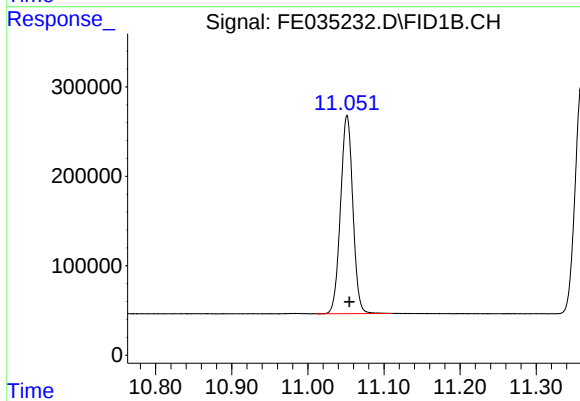
#6 n-Tetradecane (C14)

R.T.: 8.026 min
Delta R.T.: -0.003 min
Response: 2410948
Conc: 20.20 ug/ml



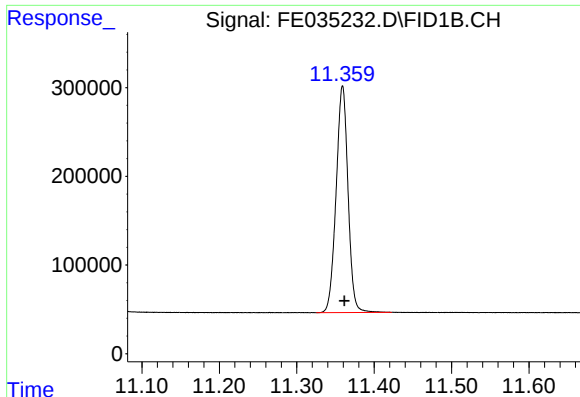
#7 n-Hexadecane (C16)

R.T.: 9.618 min
Delta R.T.: -0.004 min
Response: 2453635
Conc: 20.14 ug/ml



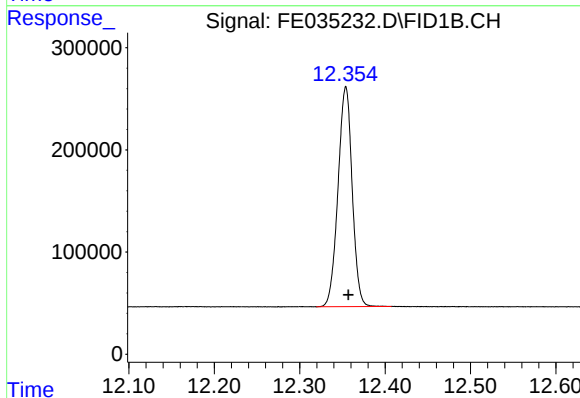
#8 n-Octadecane (C18)

R.T.: 11.052 min
Delta R.T.: -0.003 min
Response: 2492522
Conc: 19.88 ug/ml



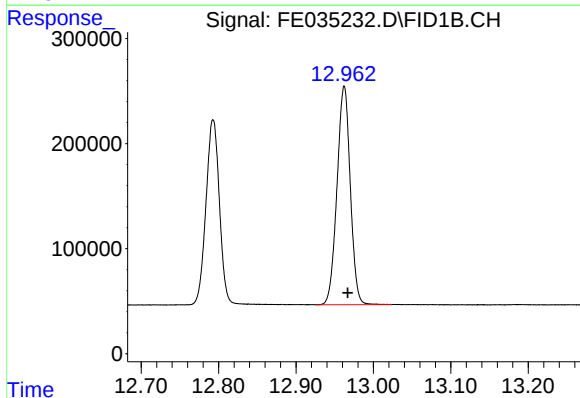
#9 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: -0.002 min
Response: 2730616
Conc: 19.72 ug/ml



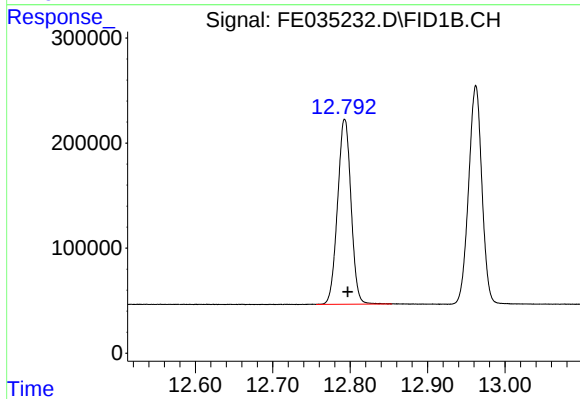
#10 n-Eicosane (C20)

R.T.: 12.354 min
Delta R.T.: -0.003 min
Response: 2481303
Conc: 19.62 ug/ml



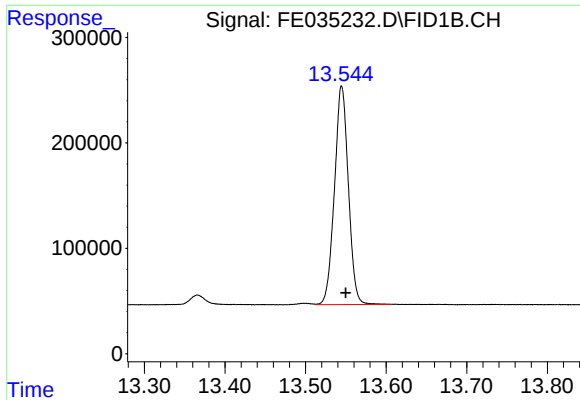
#11 n-Heneicosane (C21)

R.T.: 12.962 min
Delta R.T.: -0.004 min
Response: 2485076
Conc: 19.51 ug/ml



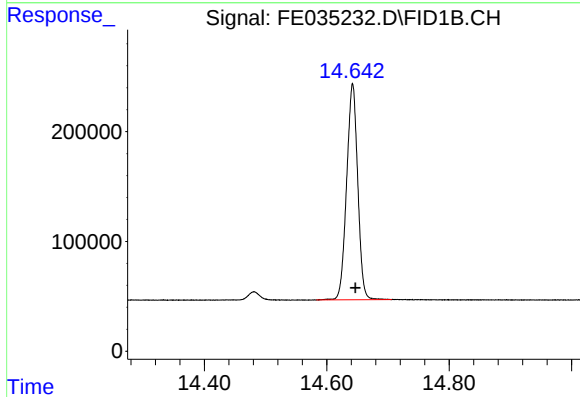
#12 1-chlorooctadecane (SURR)

R.T.: 12.793 min
Delta R.T.: -0.004 min
Response: 2125305
Conc: 19.62 ug/ml



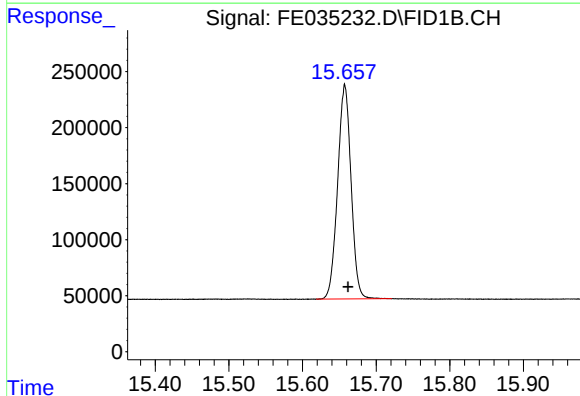
#13 n-Docosane (C22)

R.T.: 13.545 min
Delta R.T.: -0.005 min
Response: 2485004
Conc: 19.57 ug/ml



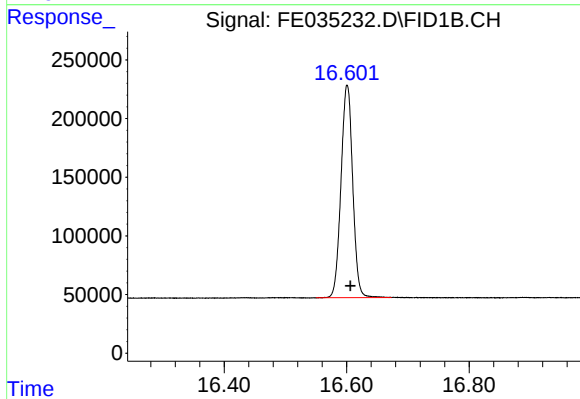
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: -0.004 min
Response: 2479498
Conc: 19.58 ug/ml



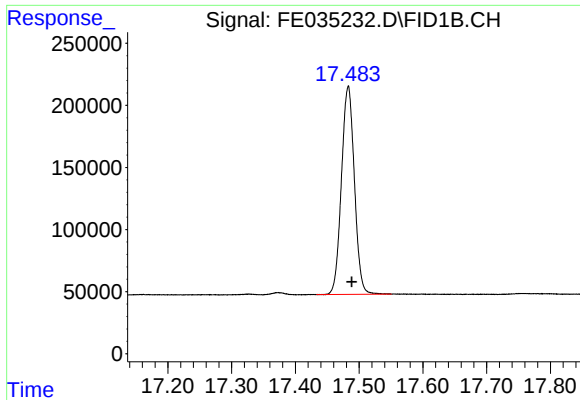
#15 n-Hexacosane (C26)

R.T.: 15.658 min
Delta R.T.: -0.004 min
Response: 2426021
Conc: 19.57 ug/ml



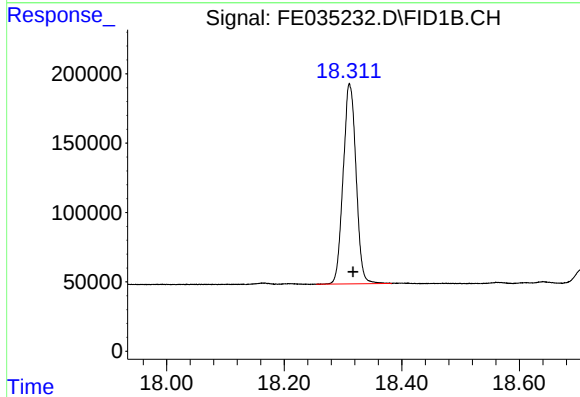
#16 n-Octacosane (C28)

R.T.: 16.601 min
Delta R.T.: -0.005 min
Response: 2405035
Conc: 20.07 ug/ml



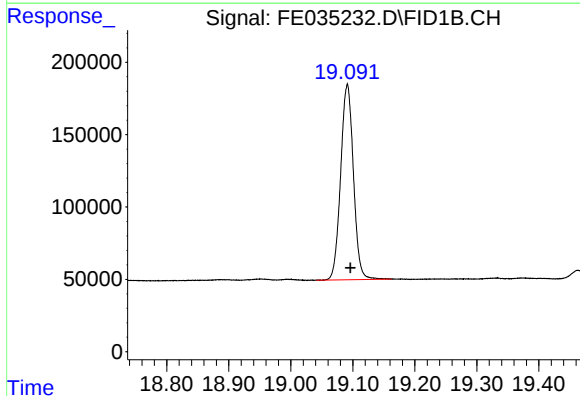
#17 n-Tricontane (C30)

R.T.: 17.483 min
Delta R.T.: -0.005 min
Response: 2363297
Conc: 20.87 ug/ml



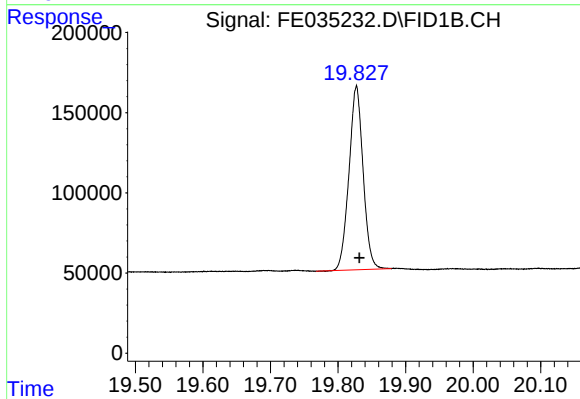
#18 n-Dotriacontane (C32)

R.T.: 18.311 min
Delta R.T.: -0.006 min
Response: 2193955
Conc: 21.55 ug/ml



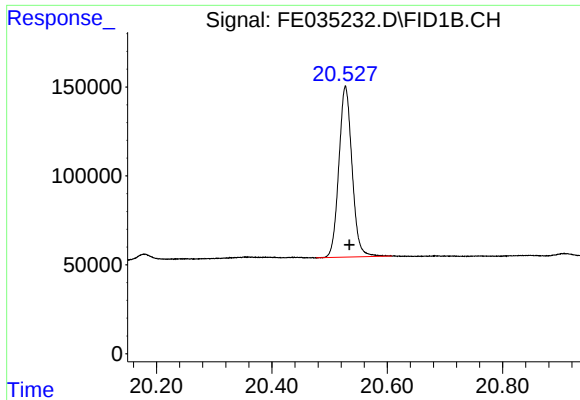
#19 n-Tetratriacontane (C34)

R.T.: 19.091 min
Delta R.T.: -0.005 min
Response: 1930371
Conc: 21.63 ug/ml



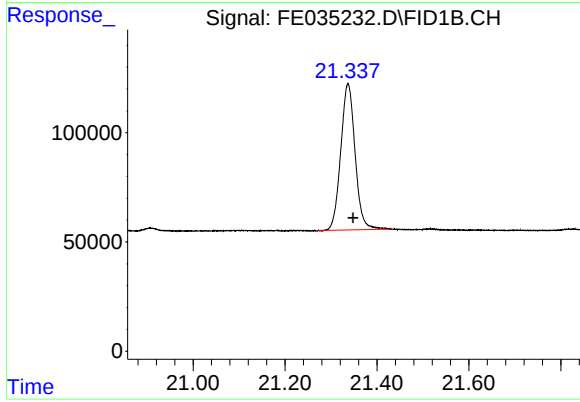
#20 n-Hexatriacontane (C36)

R.T.: 19.827 min
Delta R.T.: -0.005 min
Response: 1663380
Conc: 21.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.528 min
Delta R.T.: -0.007 min
Response: 1521911
Conc: 23.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.337 min
Delta R.T.: -0.011 min
Response: 1450115
Conc: 23.71 ug/ml