

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020422AL\
 Data File : FE034865.D
 Signal(s) : FID1B.CH
 Acq On : 05 Feb 2022 00:52
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 05 03:25:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012822.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 29 00:52:24 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)	11.058	2547858	19.856 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
12) S 1-chlorooctadecane (S...	12.493	1938532	20.088 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	2.908	2331896	20.455 ug/ml
2) T n-Decane (C10)	3.937	2369778	20.605 ug/ml
3) T A~Naphthalene (C11.7)	5.497	2616913	20.392 ug/ml
4) T n-Dodecane (C12)	5.933	2350501	20.485 ug/ml
5) T A~2-methylnaphthalene...	6.545	2614697	20.287 ug/ml
6) T n-Tetradecane (C14)	7.720	2364695	20.441 ug/ml
7) T n-Hexadecane (C16)	9.313	2339674	20.418 ug/ml
8) T n-Octadecane (C18)	10.749	2340694	20.319 ug/ml
10) T n-Eicosane (C20)	12.053	2261382	20.205 ug/ml
11) T n-Heneicosane (C21)	12.662	2248706	20.069 ug/ml
13) T n-Docosane (C22)	13.246	2197234	19.947 ug/ml
14) T n-Tetracosane (C24)	14.343	2159851	19.936 ug/ml
15) T n-Hexacosane (C26)	15.360	2104911	20.121 ug/ml
16) T n-Octacosane (C28)	16.306	2120647	20.778 ug/ml
17) T n-Tricontane (C30)	17.190	2164293	21.900 ug/ml
18) T n-Dotriacontane (C32)	18.019	2072010	22.559 ug/ml
19) T n-Tetratriacontane (C34)	18.798	1938544	22.256 ug/ml
20) T n-Hexatriacontane (C36)	19.535	1780287	21.639 ug/ml
21) T n-Octatriacontane (C38)	20.241	1796086	22.658 ug/ml
22) T n-Tetracontane (C40)	21.068	1722727	21.360 ug/ml

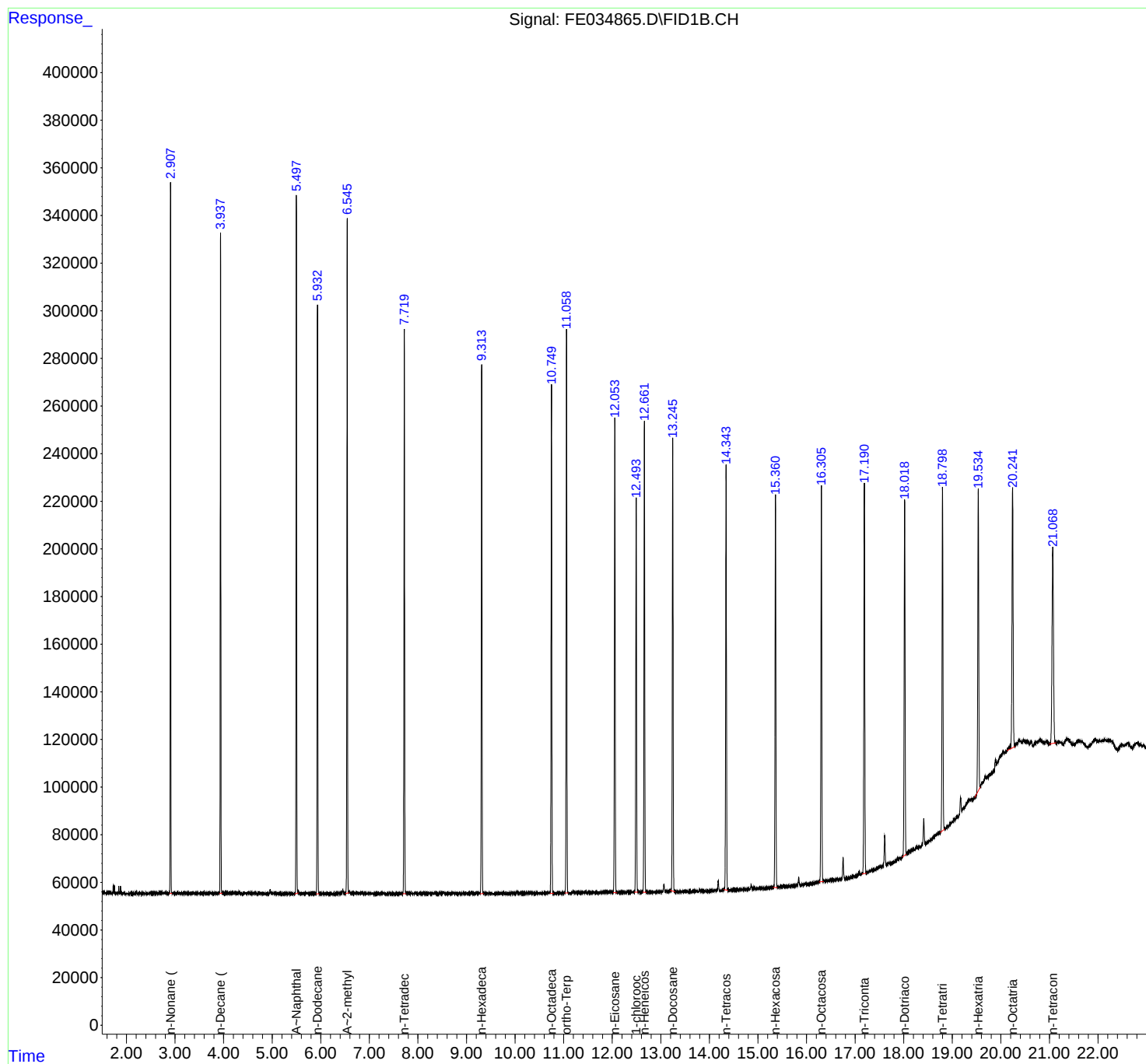
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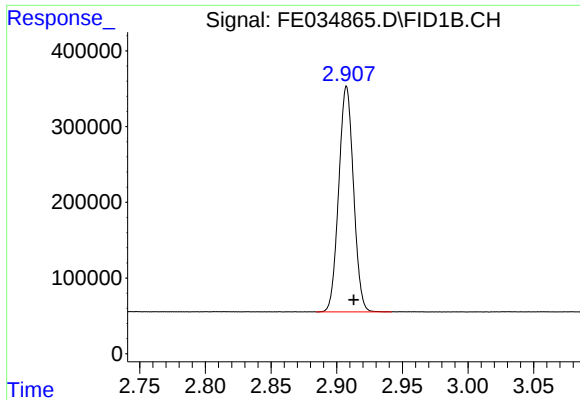
(m)=manual int.

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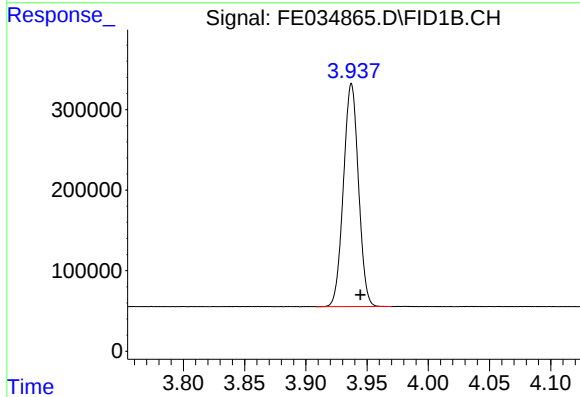
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





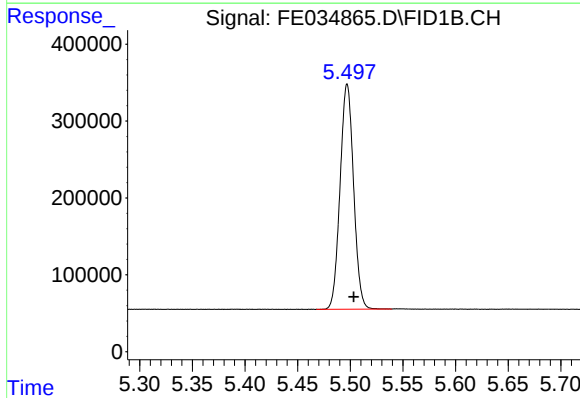
#1 n-Nonane (C9)

R.T.: 2.908 min
Delta R.T.: -0.005 min
Response: 2331896
Conc: 20.46 ug/ml



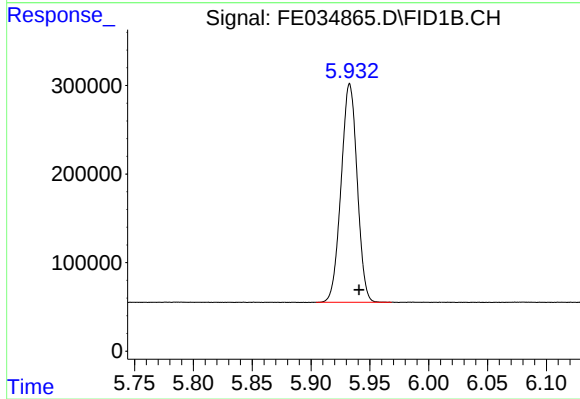
#2 n-Decane (C10)

R.T.: 3.937 min
Delta R.T.: -0.007 min
Response: 2369778
Conc: 20.61 ug/ml



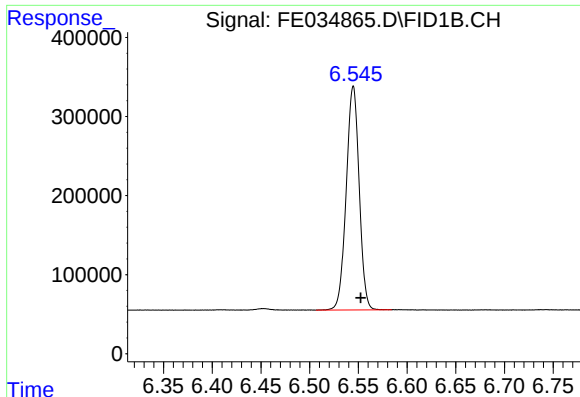
#3 A~Naphthalene (C11.7)

R.T.: 5.497 min
Delta R.T.: -0.006 min
Response: 2616913
Conc: 20.39 ug/ml



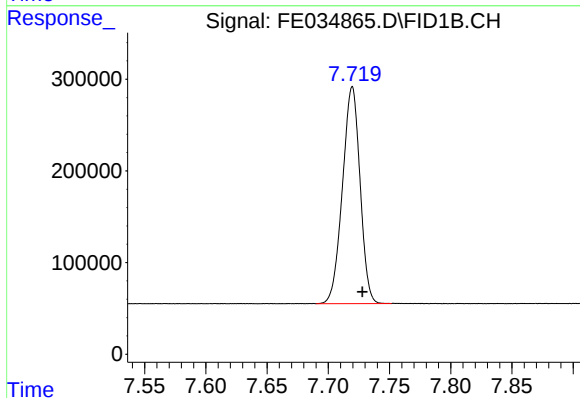
#4 n-Dodecane (C12)

R.T.: 5.933 min
Delta R.T.: -0.008 min
Response: 2350501
Conc: 20.49 ug/ml



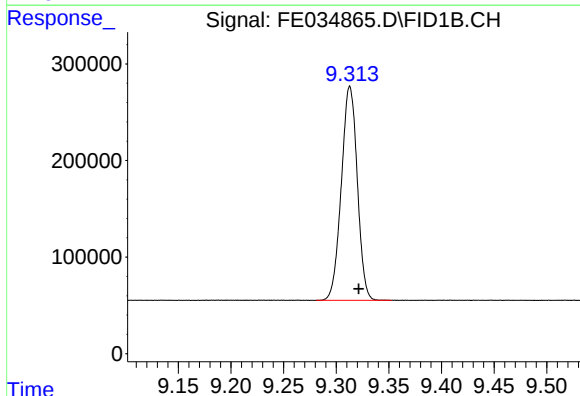
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.545 min
Delta R.T.: -0.008 min
Response: 2614697
Conc: 20.29 ug/ml



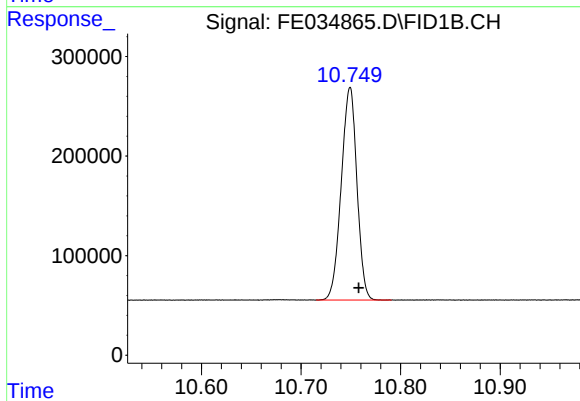
#6 n-Tetradecane (C14)

R.T.: 7.720 min
Delta R.T.: -0.008 min
Response: 2364695
Conc: 20.44 ug/ml



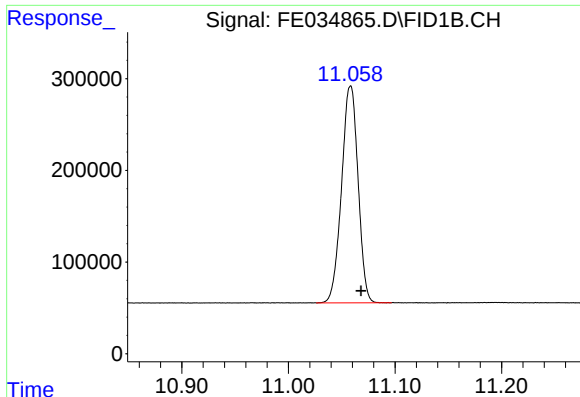
#7 n-Hexadecane (C16)

R.T.: 9.313 min
Delta R.T.: -0.008 min
Response: 2339674
Conc: 20.42 ug/ml



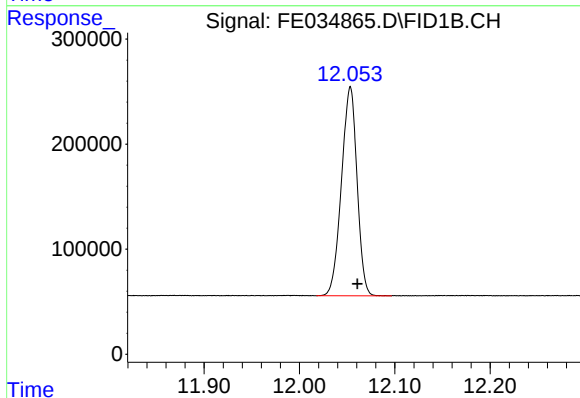
#8 n-Octadecane (C18)

R.T.: 10.749 min
Delta R.T.: -0.009 min
Response: 2340694
Conc: 20.32 ug/ml



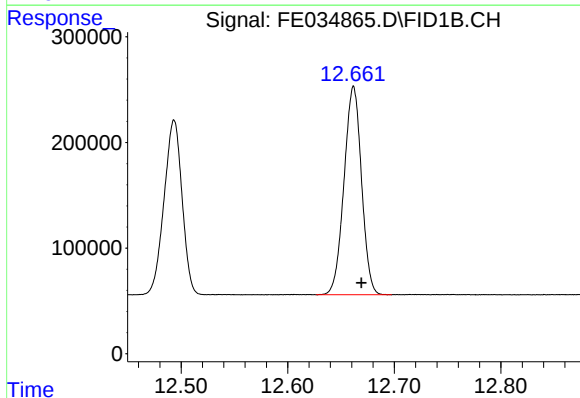
#9 ortho-Terphenyl (SURR)

R.T.: 11.058 min
Delta R.T.: -0.010 min
Response: 2547858
Conc: 19.86 ug/ml



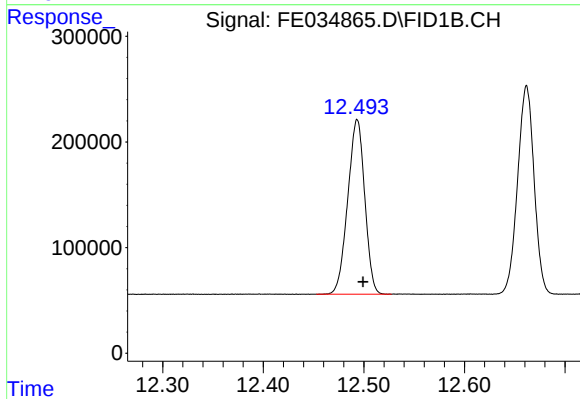
#10 n-Eicosane (C20)

R.T.: 12.053 min
Delta R.T.: -0.007 min
Response: 2261382
Conc: 20.21 ug/ml



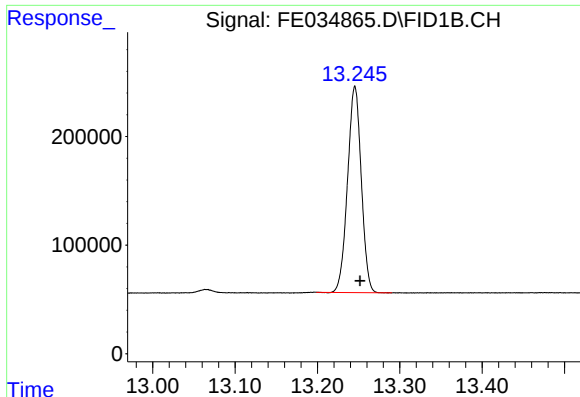
#11 n-Heneicosane (C21)

R.T.: 12.662 min
Delta R.T.: -0.007 min
Response: 2248706
Conc: 20.07 ug/ml



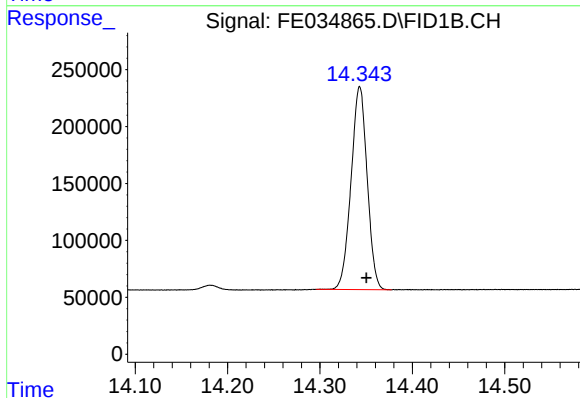
#12 1-chlorooctadecane (SURR)

R.T.: 12.493 min
Delta R.T.: -0.006 min
Response: 1938532
Conc: 20.09 ug/ml



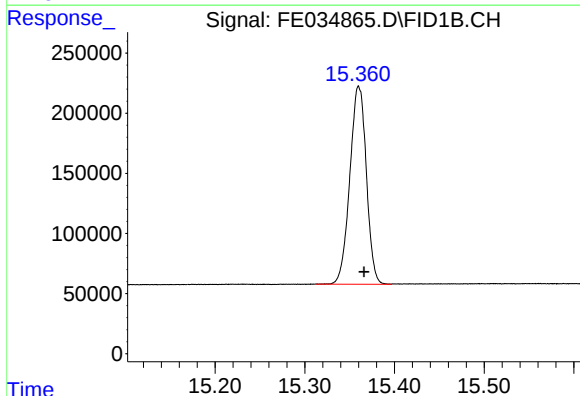
#13 n-Docosane (C22)

R.T.: 13.246 min
Delta R.T.: -0.006 min
Response: 2197234
Conc: 19.95 ug/ml



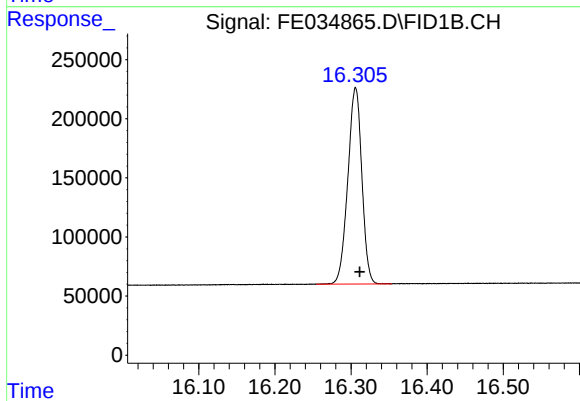
#14 n-Tetracosane (C24)

R.T.: 14.343 min
Delta R.T.: -0.007 min
Response: 2159851
Conc: 19.94 ug/ml



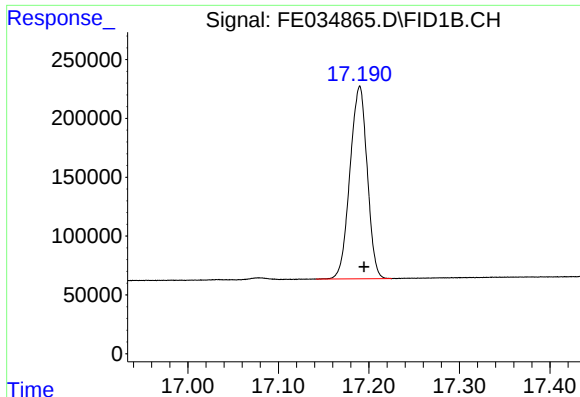
#15 n-Hexacosane (C26)

R.T.: 15.360 min
Delta R.T.: -0.006 min
Response: 2104911
Conc: 20.12 ug/ml



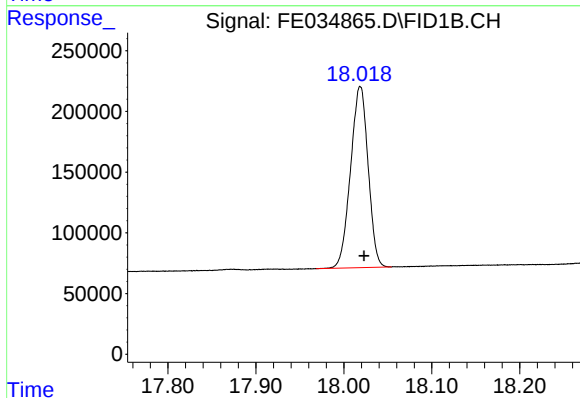
#16 n-Octacosane (C28)

R.T.: 16.306 min
Delta R.T.: -0.005 min
Response: 2120647
Conc: 20.78 ug/ml



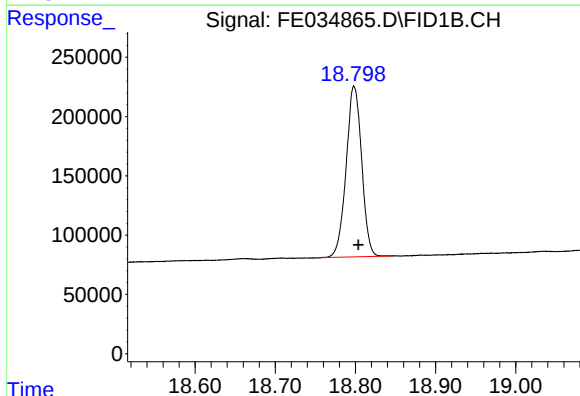
#17 n-Tricontane (C30)

R.T.: 17.190 min
Delta R.T.: -0.005 min
Response: 2164293
Conc: 21.90 ug/ml



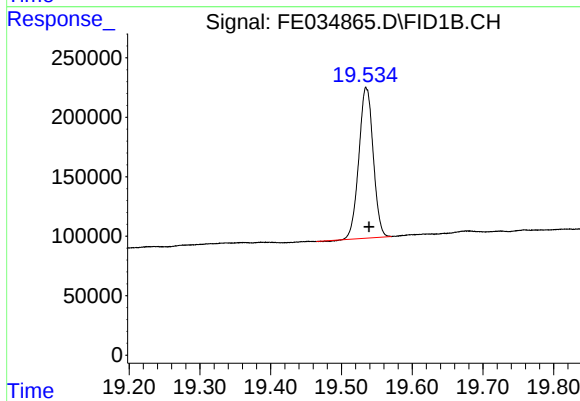
#18 n-Dotriacontane (C32)

R.T.: 18.019 min
Delta R.T.: -0.004 min
Response: 2072010
Conc: 22.56 ug/ml



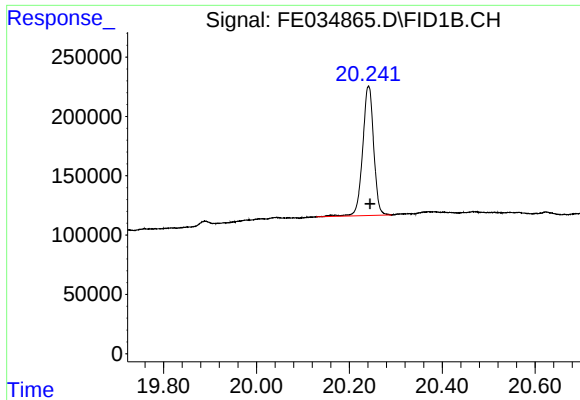
#19 n-Tetratriacontane (C34)

R.T.: 18.798 min
Delta R.T.: -0.005 min
Response: 1938544
Conc: 22.26 ug/ml



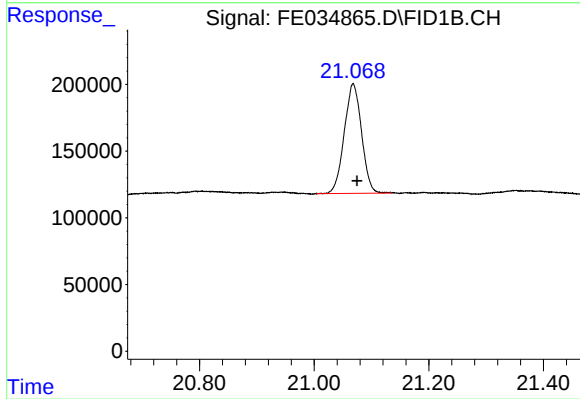
#20 n-Hexatriacontane (C36)

R.T.: 19.535 min
Delta R.T.: -0.004 min
Response: 1780287
Conc: 21.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.241 min
Delta R.T.: -0.003 min
Response: 1796086
Conc: 22.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.068 min
Delta R.T.: -0.007 min
Response: 1722727
Conc: 21.36 ug/ml