

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100521AL\
 Data File : FD039006.D
 Signal(s) : FID2B.CH
 Acq On : 05 Oct 2021 10:03
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 05 23:40:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 2021
 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)	11.679	2622996	18.481 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
12) S 1-chlorooctadecane (S...	13.104	2042335	18.163 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
Target Compounds			
1) T n-Nonane (C9)	3.438	2470792	19.588 ug/ml
2) T n-Decane (C10)	4.508	2504433	19.623 ug/ml
3) T A~Naphthalene (C11.7)	6.101	2771762	19.465 ug/ml
4) T n-Dodecane (C12)	6.525	2498664	19.510 ug/ml
5) T A~2-methylnaphthalene...	7.156	2781403	19.429 ug/ml
6) T n-Tetradecane (C14)	8.317	2503954	19.297 ug/ml
7) T n-Hexadecane (C16)	9.915	2487773	19.075 ug/ml
8) T n-Octadecane (C18)	11.353	2503122	18.716 ug/ml
10) T n-Eicosane (C20)	12.659	2432547	18.342 ug/ml
11) T n-Heneicosane (C21)	13.269	2432193	18.163 ug/ml
13) T n-Docosane (C22)	13.854	2376946	17.919 ug/ml
14) T n-Tetracosane (C24)	14.953	2347009	17.713 ug/ml
15) T n-Hexacosane (C26)	15.969	2249924	17.480 ug/ml
16) T n-Octacosane (C28)	16.915	2185166	17.330 ug/ml
17) T n-Tricontane (C30)	17.800	2124933	17.422 ug/ml
18) T n-Dotriacontane (C32)	18.628	2040394	17.599 ug/ml
19) T n-Tetratriacontane (C34)	19.408	1987817	18.415 ug/ml
20) T n-Hexatriacontane (C36)	20.144	1883287	19.246 ug/ml
21) T n-Octatriacontane (C38)	20.886	1849293	20.599 ug/ml
22) T n-Tetracontane (C40)	21.814	1904512	21.619 ug/ml

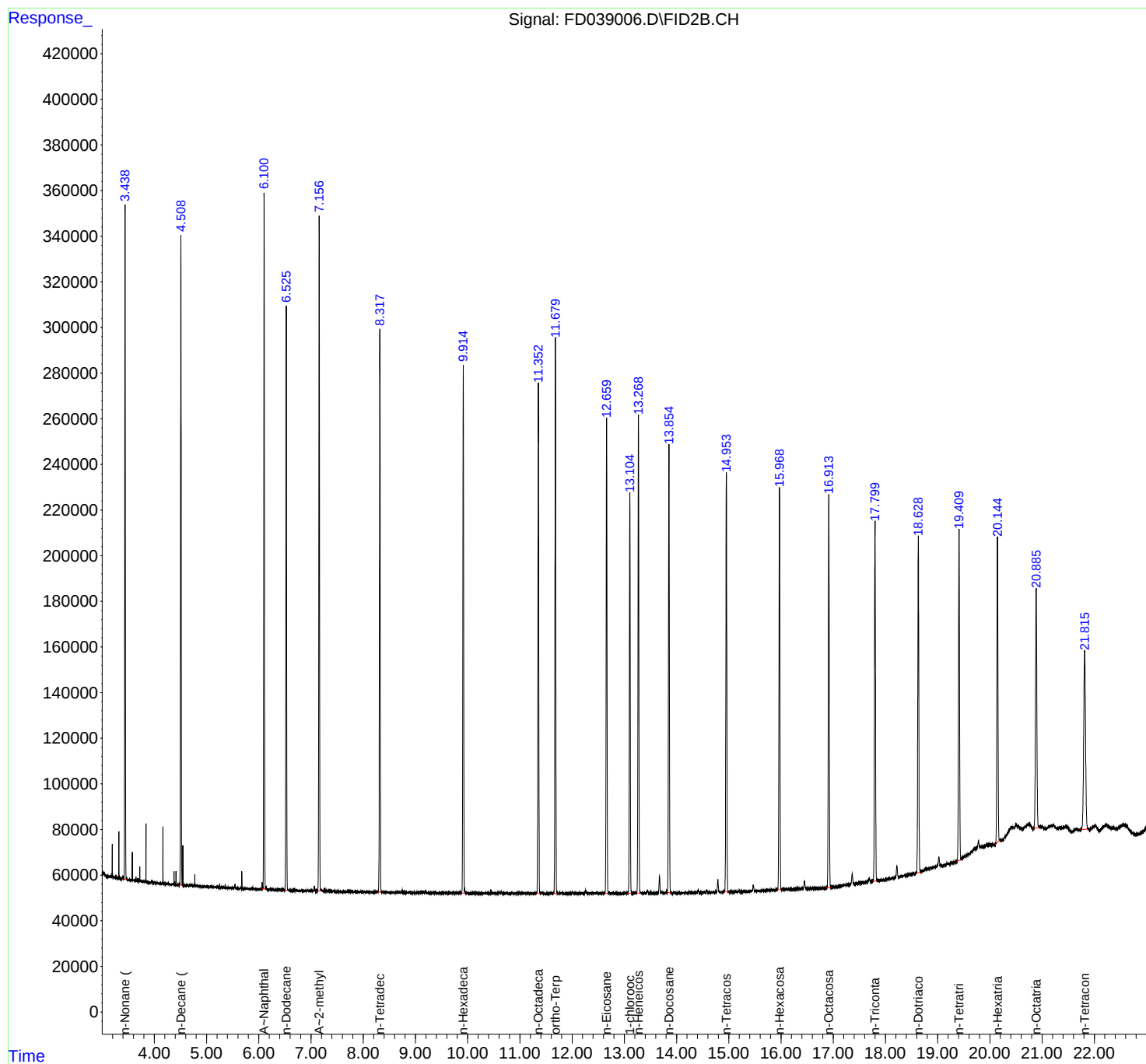
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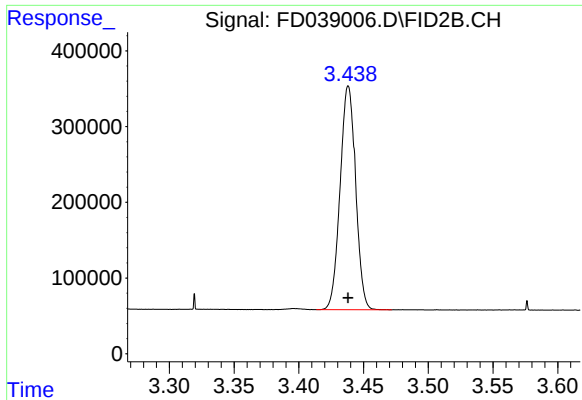
(m)=manual int.

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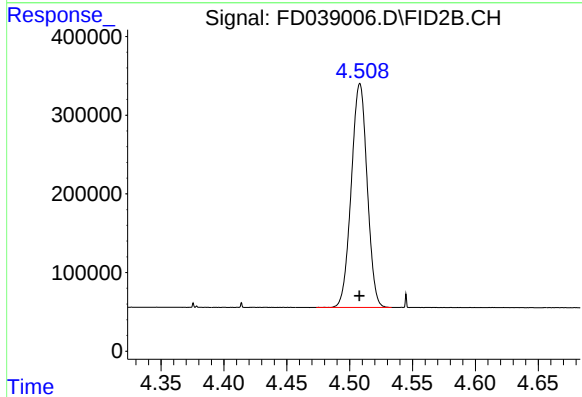
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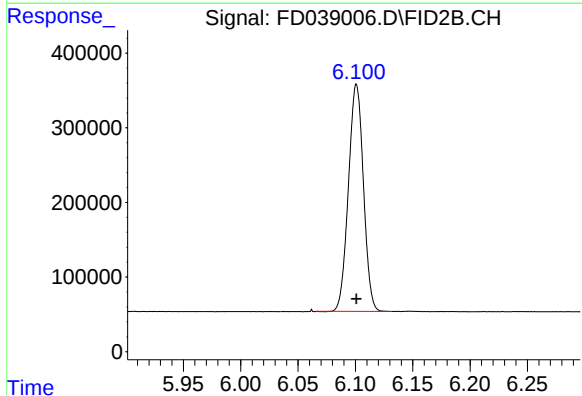
#1 n-Nonane (C9)

R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 2470792
Conc: 19.59 ug/ml



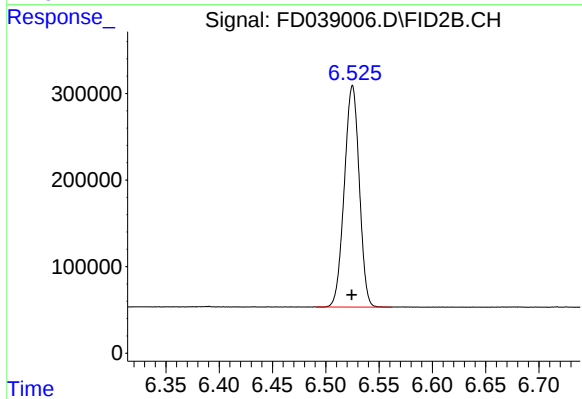
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 2504433
Conc: 19.62 ug/ml



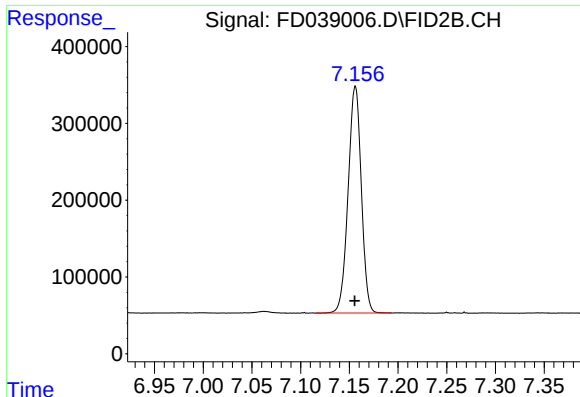
#3 A~Naphthalene (C11.7)

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 2771762
Conc: 19.46 ug/ml



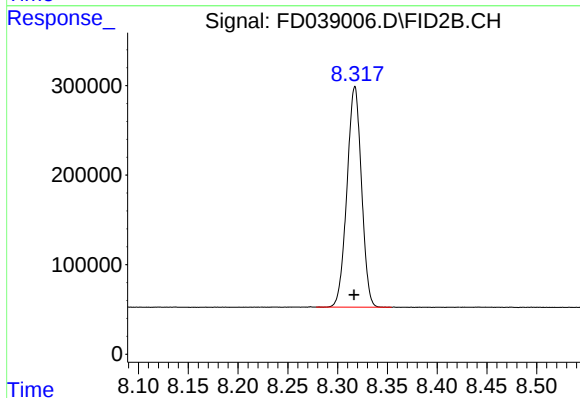
#4 n-Dodecane (C12)

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2498664
Conc: 19.51 ug/ml



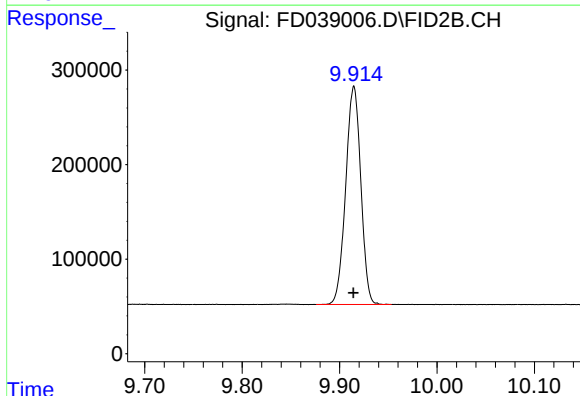
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 2781403
Conc: 19.43 ug/ml



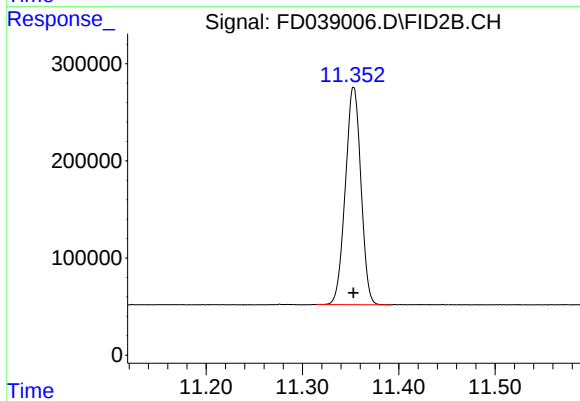
#6 n-Tetradecane (C14)

R.T.: 8.317 min
Delta R.T.: 0.000 min
Response: 2503954
Conc: 19.30 ug/ml



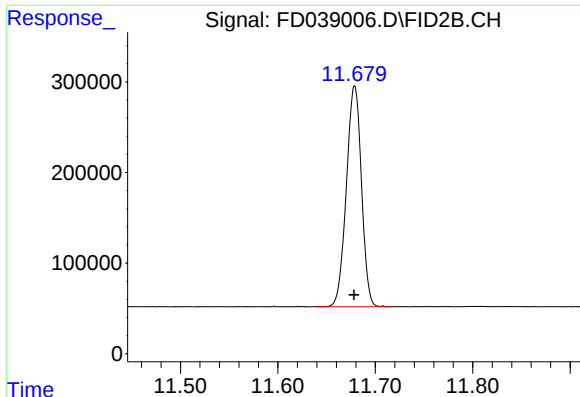
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 2487773
Conc: 19.07 ug/ml



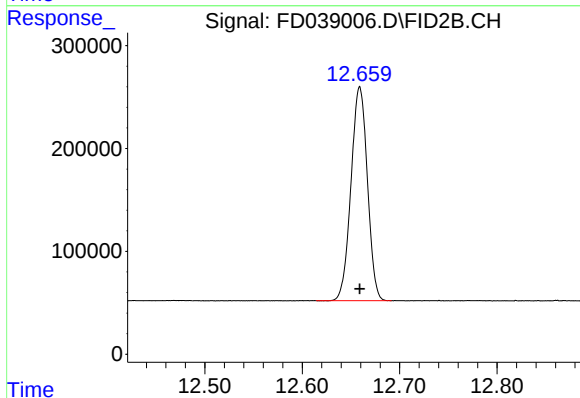
#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: 0.000 min
Response: 2503122
Conc: 18.72 ug/ml



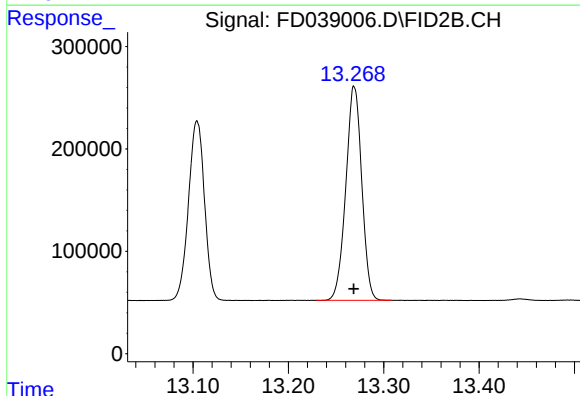
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 2622996
Conc: 18.48 ug/ml



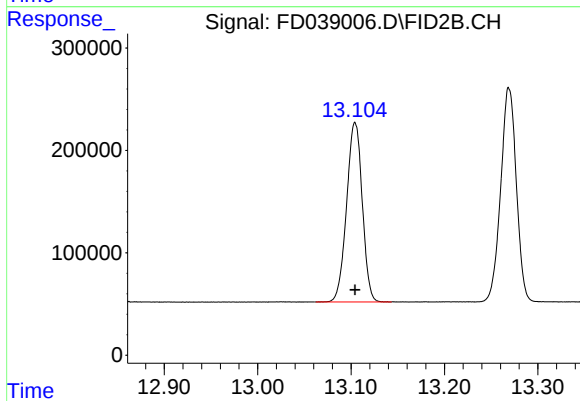
#10 n-Eicosane (C20)

R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 2432547
Conc: 18.34 ug/ml



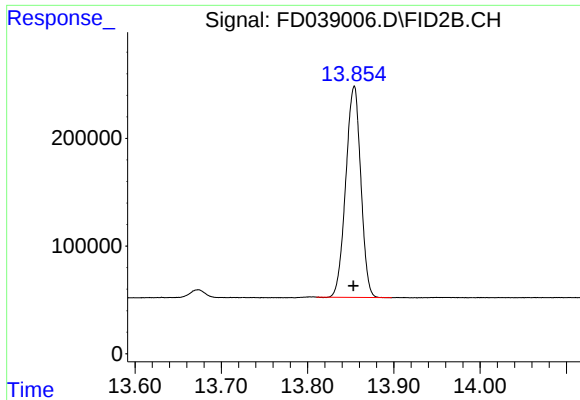
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.000 min
Response: 2432193
Conc: 18.16 ug/ml



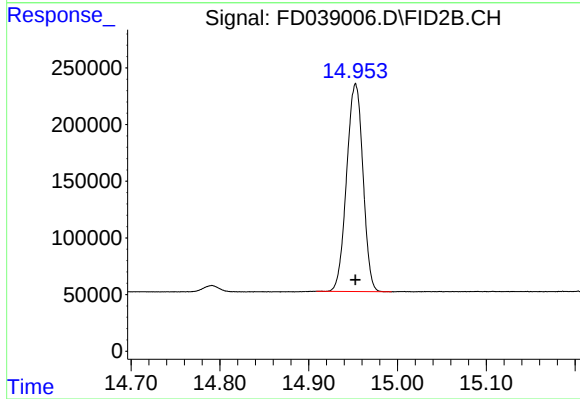
#12 1-chlorooctadecane (SURR)

R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 2042335
Conc: 18.16 ug/ml



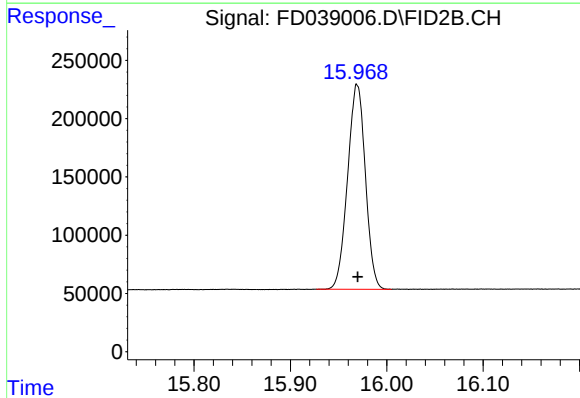
#13 n-Docosane (C22)

R.T.: 13.854 min
Delta R.T.: 0.000 min
Response: 2376946
Conc: 17.92 ug/ml



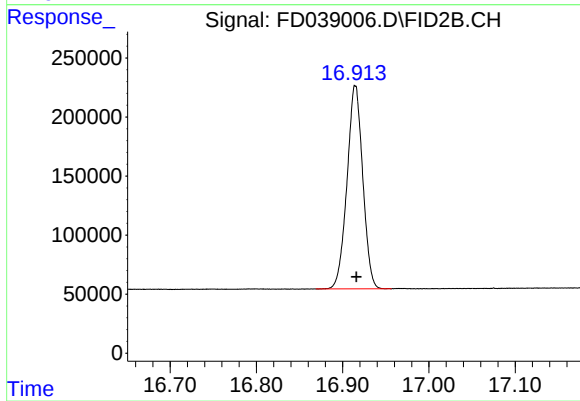
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 2347009
Conc: 17.71 ug/ml



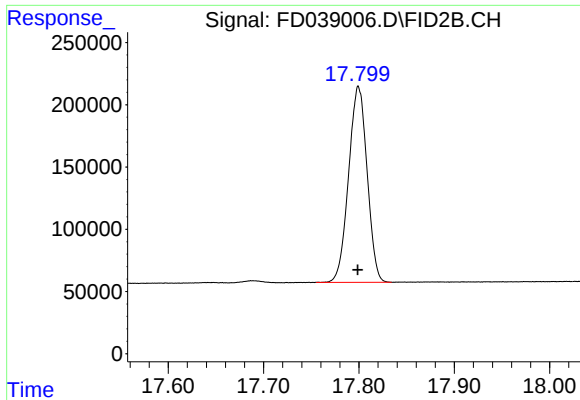
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: 0.000 min
Response: 2249924
Conc: 17.48 ug/ml



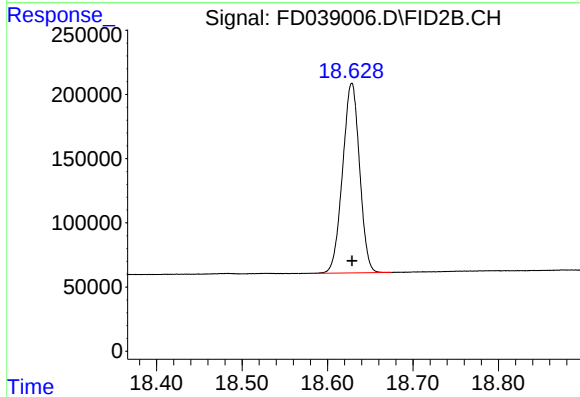
#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: -0.001 min
Response: 2185166
Conc: 17.33 ug/ml



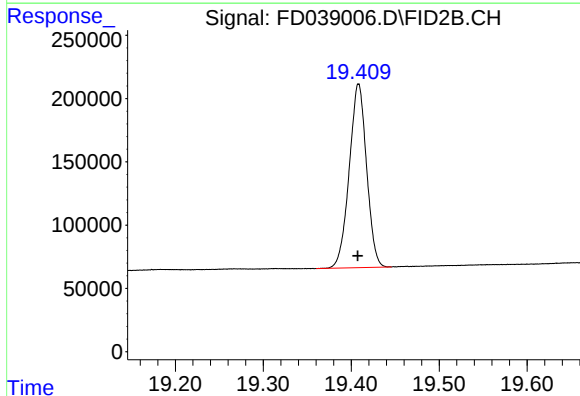
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: 0.000 min
Response: 2124933
Conc: 17.42 ug/ml



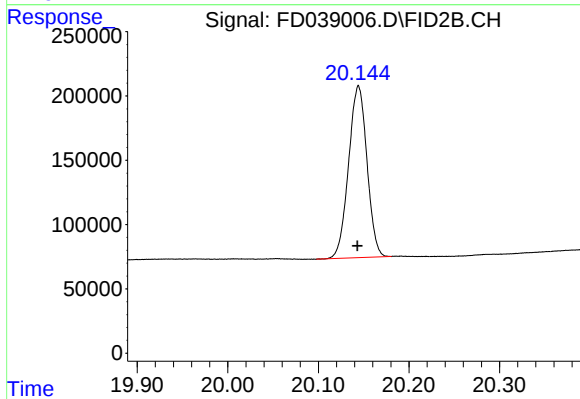
#18 n-Dotriacontane (C32)

R.T.: 18.628 min
Delta R.T.: 0.000 min
Response: 2040394
Conc: 17.60 ug/ml



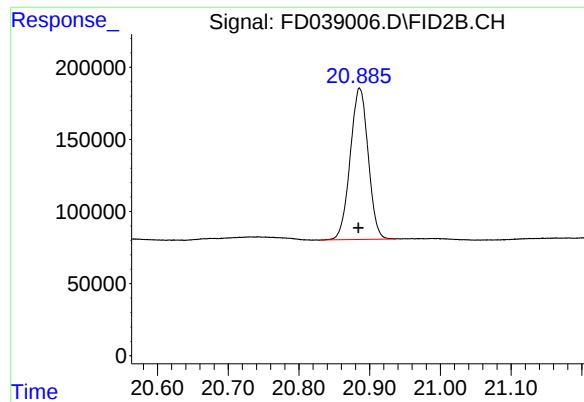
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min
Delta R.T.: 0.000 min
Response: 1987817
Conc: 18.41 ug/ml



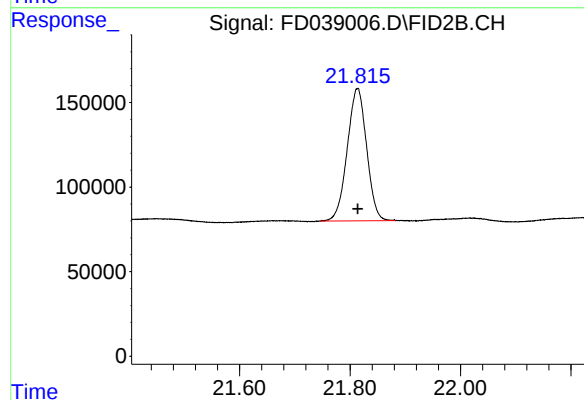
#20 n-Hexatriacontane (C36)

R.T.: 20.144 min
Delta R.T.: 0.001 min
Response: 1883287
Conc: 19.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.886 min
Delta R.T.: 0.001 min
Response: 1849293
Conc: 20.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.814 min
Delta R.T.: 0.000 min
Response: 1904512
Conc: 21.62 ug/ml