

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020222AL\
 Data File : FE034819.D
 Signal(s) : FID1B.CH
 Acq On : 02 Feb 2022 19:49
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 02 20:14:06 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)	11.056	2551122	19.881 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
12) S 1-chlorooctadecane (S...	12.489	1933074	20.031 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T n-Nonane (C9)	2.909	2312227	20.283 ug/ml
2) T n-Decane (C10)	3.938	2345250	20.392 ug/ml
3) T A~Naphthalene (C11.7)	5.496	2601122	20.269 ug/ml
4) T n-Dodecane (C12)	5.933	2334723	20.348 ug/ml
5) T A~2-methylnaphthalene...	6.543	2607398	20.231 ug/ml
6) T n-Tetradecane (C14)	7.719	2357721	20.381 ug/ml
7) T n-Hexadecane (C16)	9.312	2330253	20.335 ug/ml
8) T n-Octadecane (C18)	10.747	2333087	20.253 ug/ml
10) T n-Eicosane (C20)	12.049	2252365	20.125 ug/ml
11) T n-Heneicosane (C21)	12.659	2245745	20.042 ug/ml
13) T n-Docosane (C22)	13.242	2200671	19.978 ug/ml
14) T n-Tetracosane (C24)	14.339	2154999	19.892 ug/ml
15) T n-Hexacosane (C26)	15.354	2079864	19.882 ug/ml
16) T n-Octacosane (C28)	16.299	2059111	20.175 ug/ml
17) T n-Tricontane (C30)	17.184	2044751	20.690 ug/ml
18) T n-Dotriacontane (C32)	18.013	1933034	21.046 ug/ml
19) T n-Tetratriacontane (C34)	18.792	1820854	20.905 ug/ml
20) T n-Hexatriacontane (C36)	19.528	1699738	20.660 ug/ml
21) T n-Octatriacontane (C38)	20.233	1645995	20.764 ug/ml
22) T n-Tetracontane (C40)	21.059	1649983	20.458 ug/ml

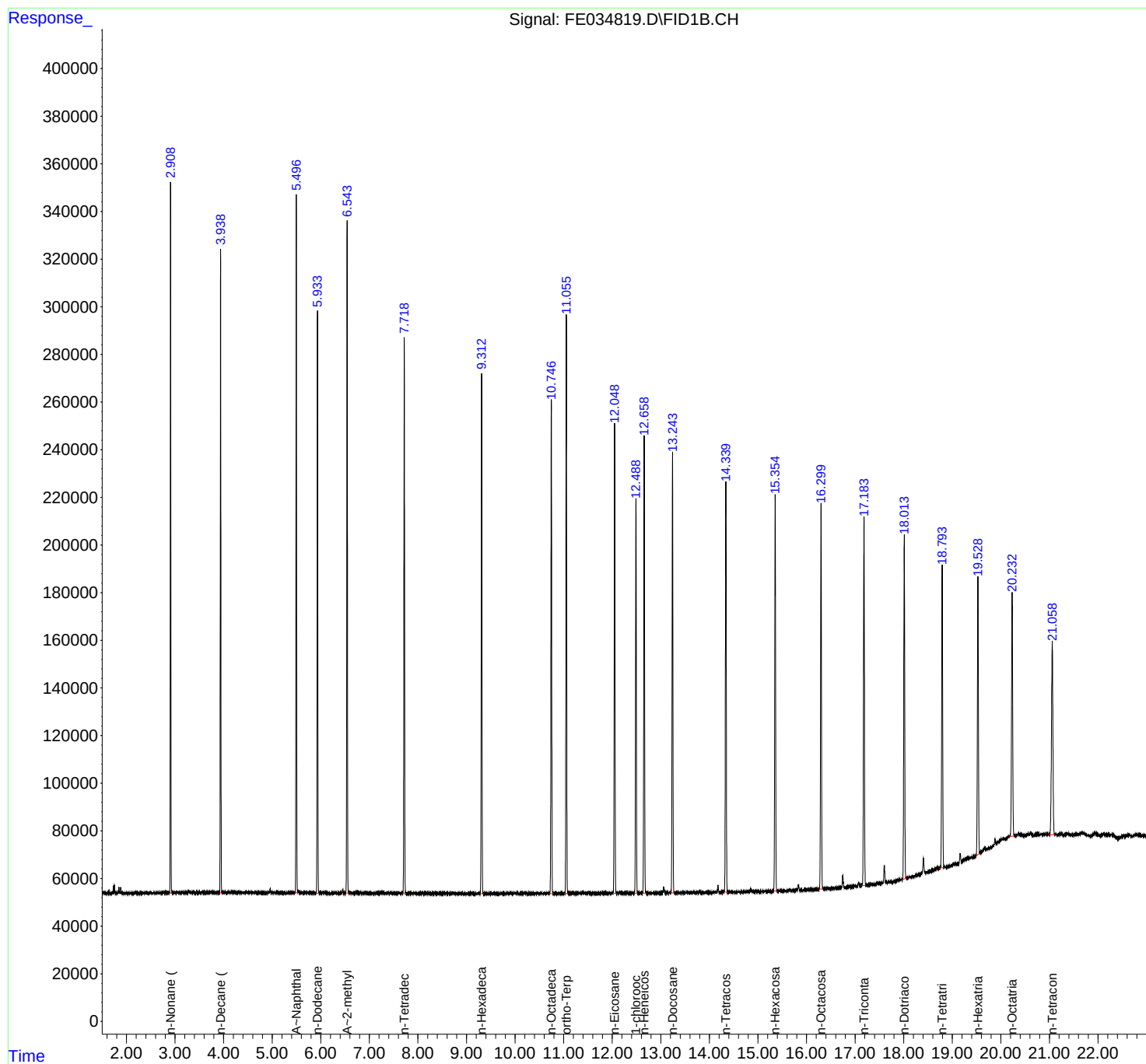
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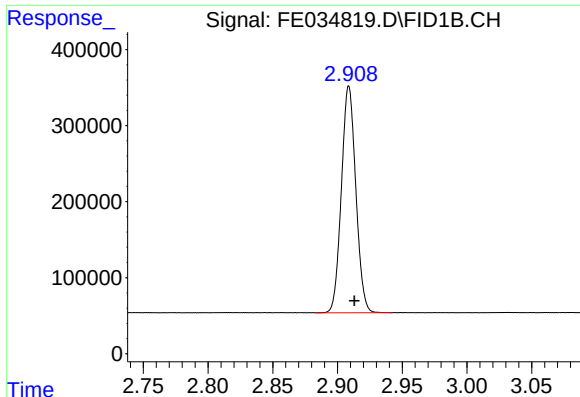
(m)=manual int.

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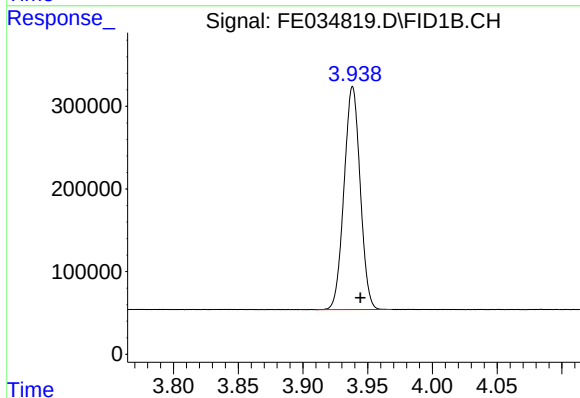
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





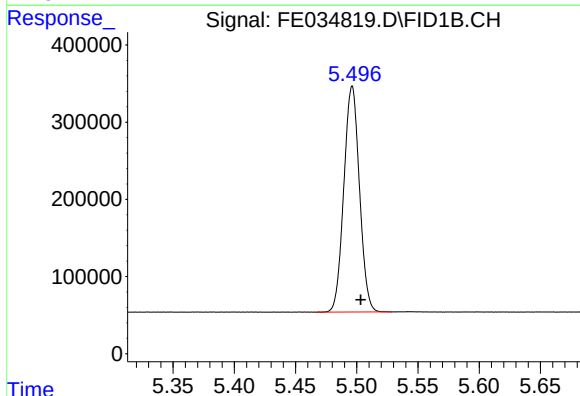
#1 n-Nonane (C9)

R.T.: 2.909 min
Delta R.T.: -0.004 min
Response: 2312227
Conc: 20.28 ug/ml



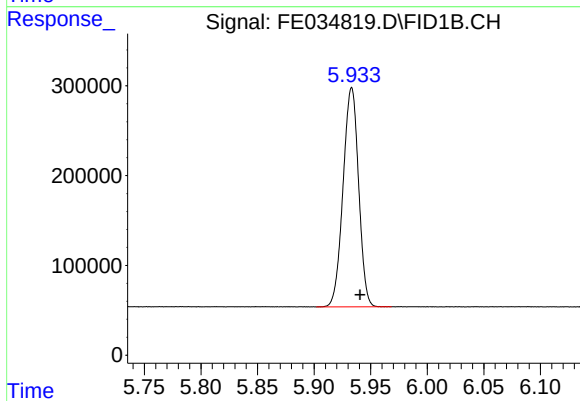
#2 n-Decane (C10)

R.T.: 3.938 min
Delta R.T.: -0.006 min
Response: 2345250
Conc: 20.39 ug/ml



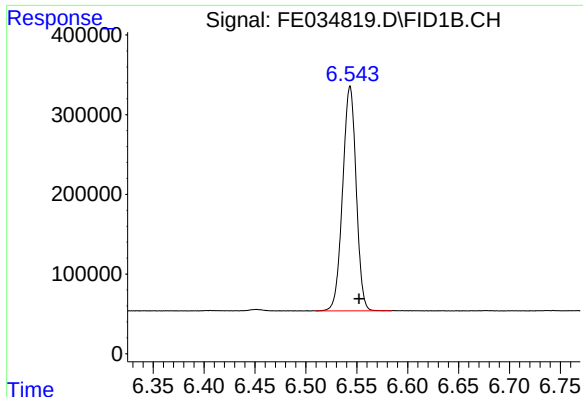
#3 A~Naphthalene (C11.7)

R.T.: 5.496 min
Delta R.T.: -0.007 min
Response: 2601122
Conc: 20.27 ug/ml



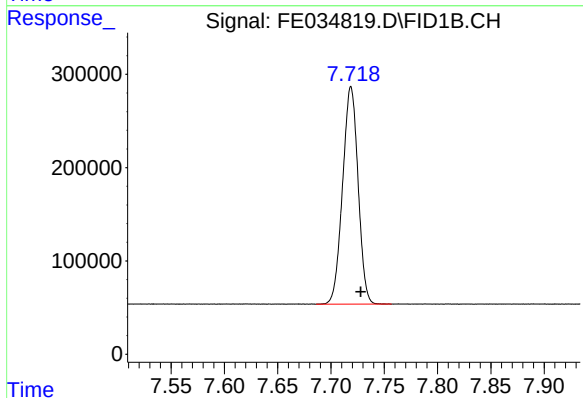
#4 n-Dodecane (C12)

R.T.: 5.933 min
Delta R.T.: -0.007 min
Response: 2334723
Conc: 20.35 ug/ml



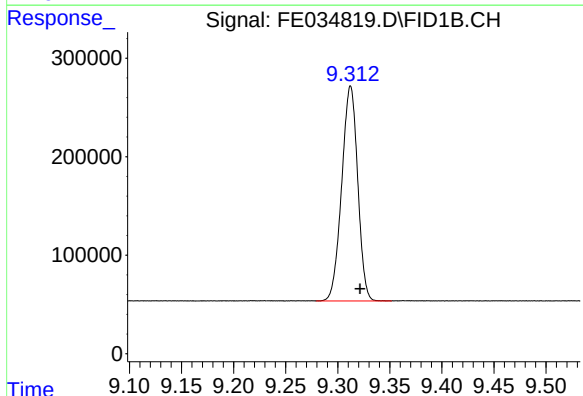
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.543 min
Delta R.T.: -0.009 min
Response: 2607398
Conc: 20.23 ug/ml



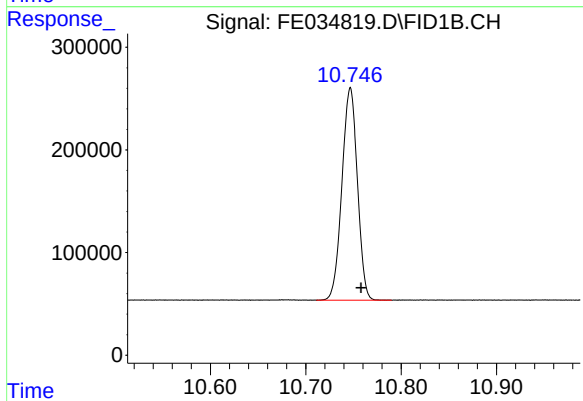
#6 n-Tetradecane (C14)

R.T.: 7.719 min
Delta R.T.: -0.009 min
Response: 2357721
Conc: 20.38 ug/ml



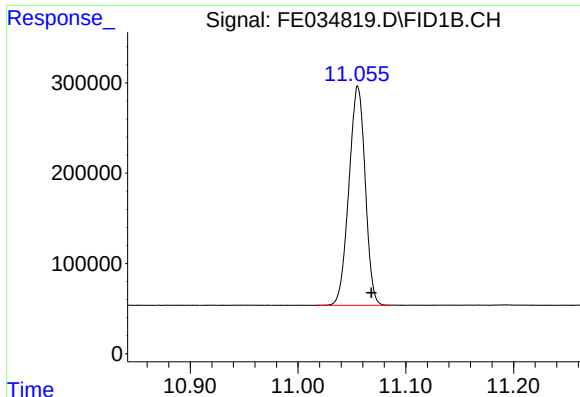
#7 n-Hexadecane (C16)

R.T.: 9.312 min
Delta R.T.: -0.009 min
Response: 2330253
Conc: 20.34 ug/ml



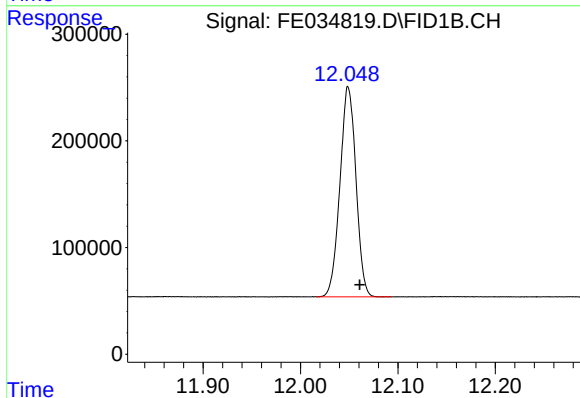
#8 n-Octadecane (C18)

R.T.: 10.747 min
Delta R.T.: -0.011 min
Response: 2333087
Conc: 20.25 ug/ml



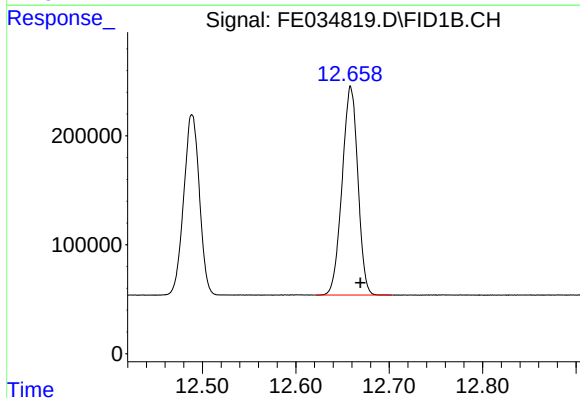
#9 ortho-Terphenyl (SURR)

R.T.: 11.056 min
Delta R.T.: -0.012 min
Response: 2551122
Conc: 19.88 ug/ml



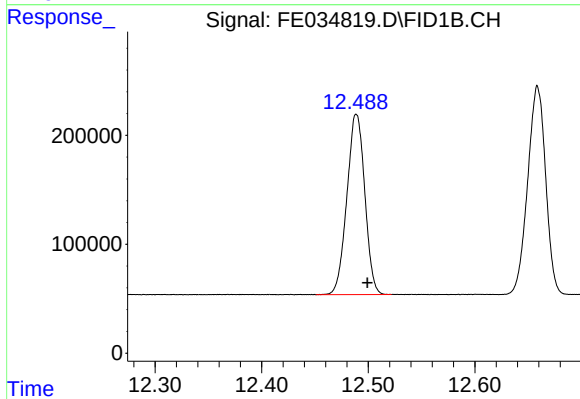
#10 n-Eicosane (C20)

R.T.: 12.049 min
Delta R.T.: -0.012 min
Response: 2252365
Conc: 20.12 ug/ml



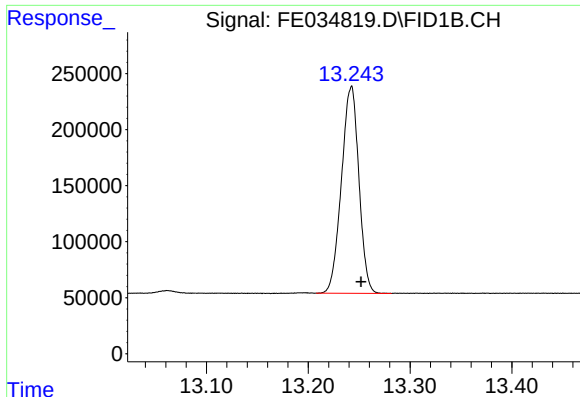
#11 n-Heneicosane (C21)

R.T.: 12.659 min
Delta R.T.: -0.010 min
Response: 2245745
Conc: 20.04 ug/ml



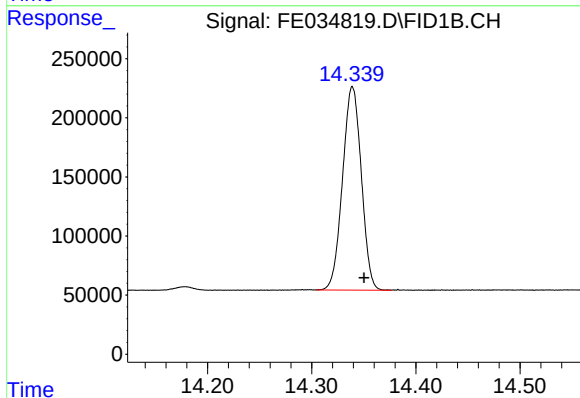
#12 1-chlorooctadecane (SURR)

R.T.: 12.489 min
Delta R.T.: -0.010 min
Response: 1933074
Conc: 20.03 ug/ml



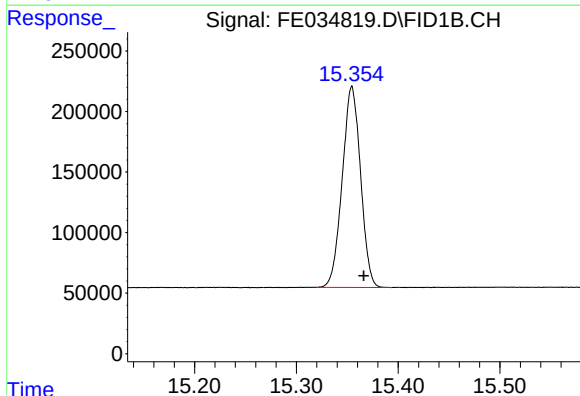
#13 n-Docosane (C22)

R.T.: 13.242 min
Delta R.T.: -0.009 min
Response: 2200671
Conc: 19.98 ug/ml



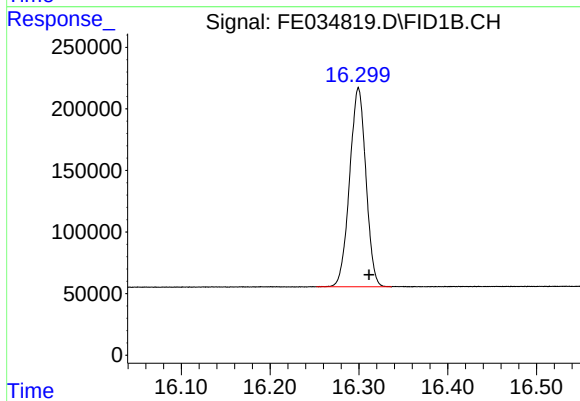
#14 n-Tetracosane (C24)

R.T.: 14.339 min
Delta R.T.: -0.011 min
Response: 2154999
Conc: 19.89 ug/ml



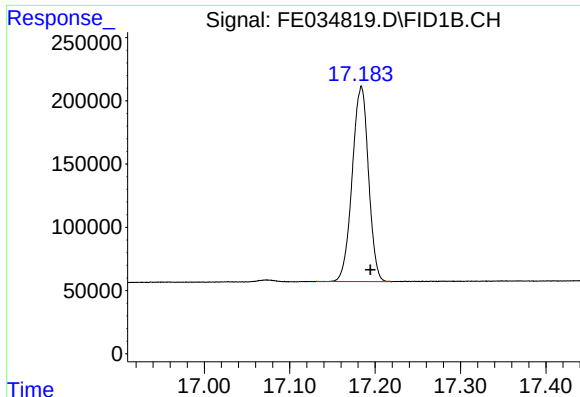
#15 n-Hexacosane (C26)

R.T.: 15.354 min
Delta R.T.: -0.012 min
Response: 2079864
Conc: 19.88 ug/ml



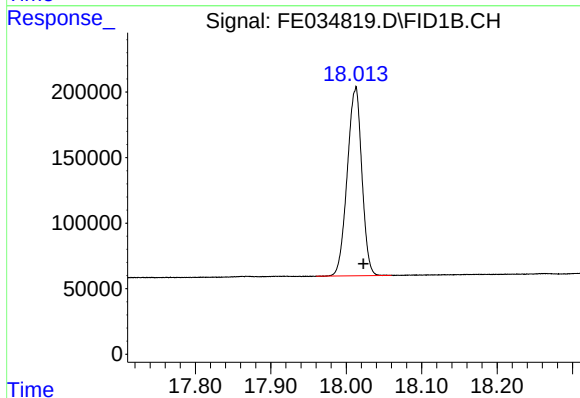
#16 n-Octacosane (C28)

R.T.: 16.299 min
Delta R.T.: -0.012 min
Response: 2059111
Conc: 20.17 ug/ml



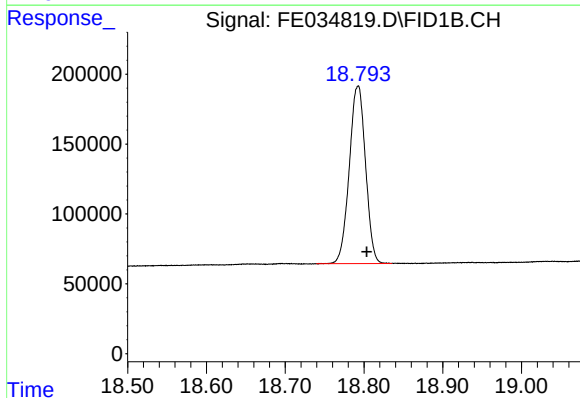
#17 n-Tricontane (C30)

R.T.: 17.184 min
Delta R.T.: -0.011 min
Response: 2044751
Conc: 20.69 ug/ml



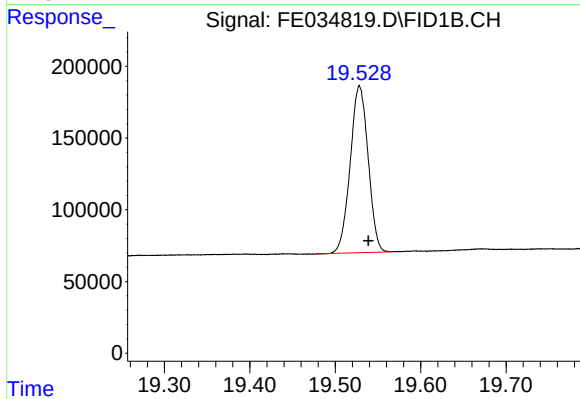
#18 n-Dotriacontane (C32)

R.T.: 18.013 min
Delta R.T.: -0.010 min
Response: 1933034
Conc: 21.05 ug/ml



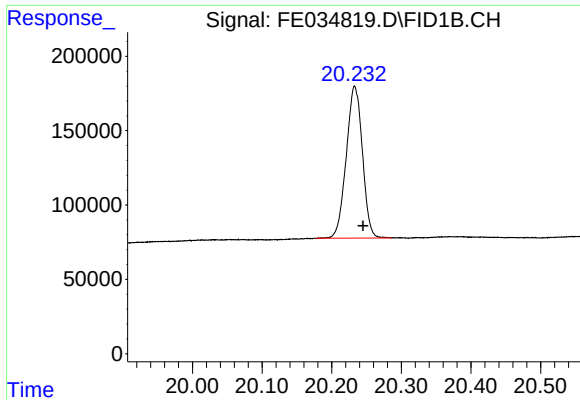
#19 n-Tetratriacontane (C34)

R.T.: 18.792 min
Delta R.T.: -0.011 min
Response: 1820854
Conc: 20.90 ug/ml



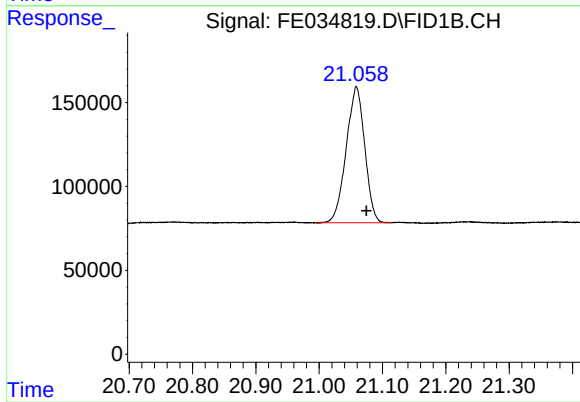
#20 n-Hexatriacontane (C36)

R.T.: 19.528 min
Delta R.T.: -0.011 min
Response: 1699738
Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.233 min
Delta R.T.: -0.012 min
Response: 1645995
Conc: 20.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.059 min
Delta R.T.: -0.016 min
Response: 1649983
Conc: 20.46 ug/ml