

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031819AL\
 Data File : FD028397.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2019 2:12 pm
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 19 05:02:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030519.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 06 03:32:11 2019
 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)	11.193	2409384	17.312 ug/ml
Spiked Amount 50.000		Recovery =	34.62%
12) S 1-chlorooctadecane (S...	12.636	1763903	16.423 ug/ml
Spiked Amount 50.000		Recovery =	32.85%
Target Compounds			
1) T n-Nonane (C9)	3.040	1707429	18.681 ug/ml
2) T n-Decane (C10)	4.094	1735952	18.617 ug/ml
3) T A~Naphthalene (C11.7)	5.646	1979663	18.777 ug/ml
4) T n-Dodecane (C12)	6.098	1758035	18.624 ug/ml
5) T A~2-methylnaphthalene...	6.694	2001230	18.678 ug/ml
6) T n-Tetradecane (C14)	7.879	1804389	18.475 ug/ml
7) T n-Hexadecane (C16)	9.469	1833391	18.089 ug/ml
8) T n-Octadecane (C18)	10.901	1844127	17.424 ug/ml
10) T n-Eicosane (C20)	12.200	1829925	16.981 ug/ml
11) T n-Heneicosane (C21)	12.807	1797565	16.908 ug/ml
13) T n-Docosane (C22)	13.389	1774262	16.621 ug/ml
14) T n-Tetracosane (C24)	14.484	1736117	16.496 ug/ml
15) T n-Hexacosane (C26)	15.497	1689278	16.543 ug/ml
16) T n-Octacosane (C28)	16.439	1669039	16.831 ug/ml
17) T n-Tricontane (C30)	17.320	1638330	17.349 ug/ml
18) T n-Dotriacontane (C32)	18.145	1564533	18.139 ug/ml
19) T n-Tetratriacontane (C34)	18.921	1389230	18.659 ug/ml
20) T n-Hexatriacontane (C36)	19.655	1236662	19.193 ug/mlm
21) T n-Octatriacontane (C38)	20.349	1151277	19.113 ug/mlm
22) T n-Tetracontane (C40)	21.106	1144758	19.339 ug/mlm

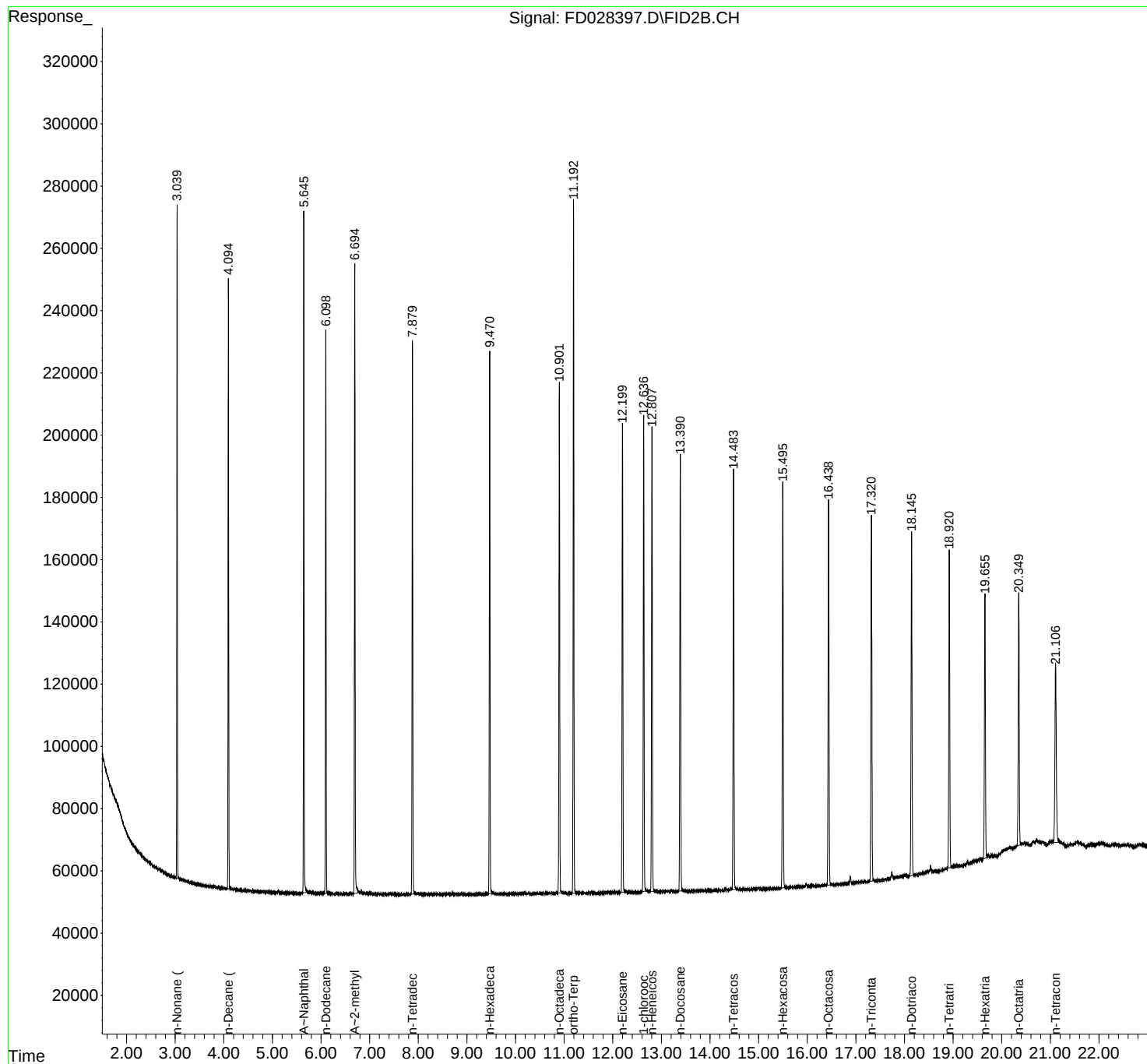
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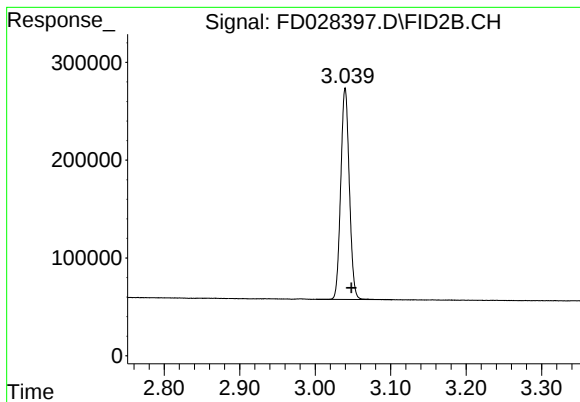
(m)=manual int.

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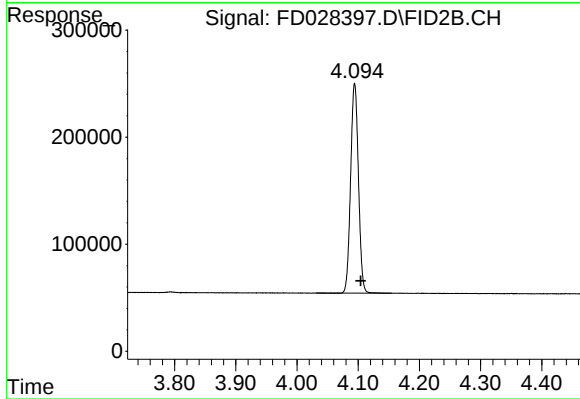
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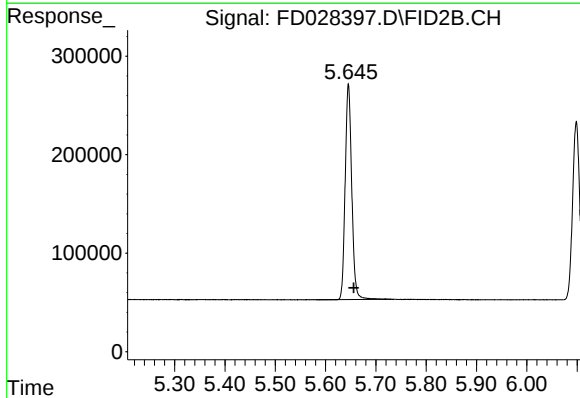
#1 n-Nonane (C9)

R.T.: 3.040 min
Delta R.T.: -0.008 min
Response: 1707429
Conc: 18.68 ug/ml



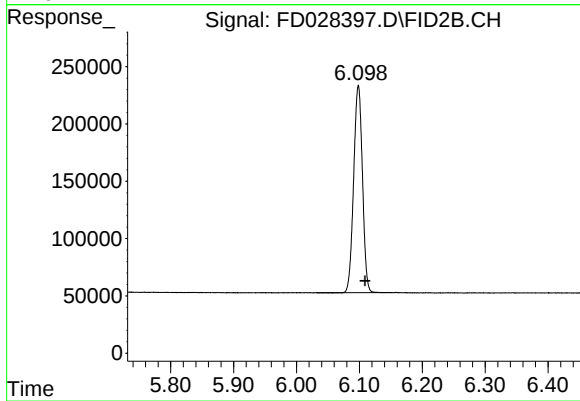
#2 n-Decane (C10)

R.T.: 4.094 min
Delta R.T.: -0.010 min
Response: 1735952
Conc: 18.62 ug/ml



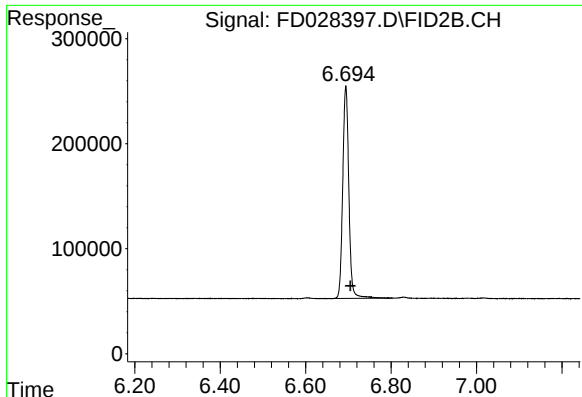
#3 A~Naphthalene (C11.7)

R.T.: 5.646 min
Delta R.T.: -0.010 min
Response: 1979663
Conc: 18.78 ug/ml



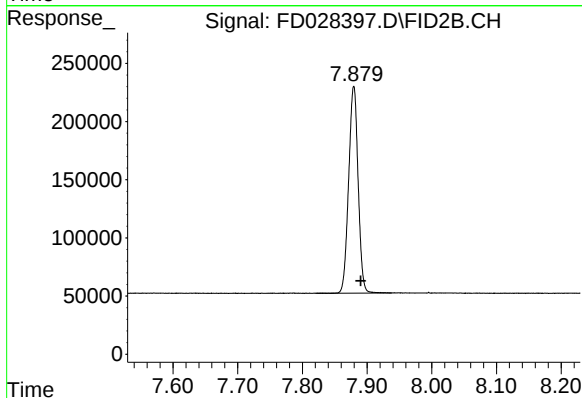
#4 n-Dodecane (C12)

R.T.: 6.098 min
Delta R.T.: -0.010 min
Response: 1758035
Conc: 18.62 ug/ml



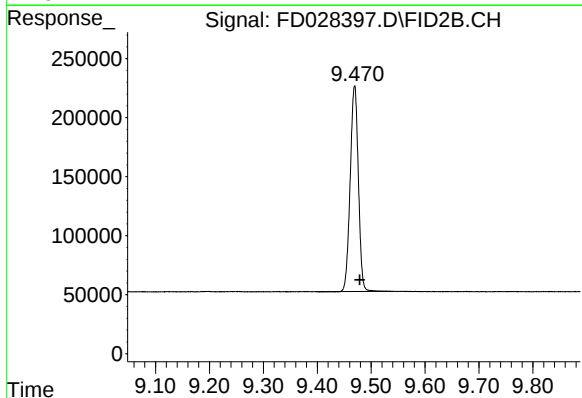
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.694 min
Delta R.T.: -0.010 min
Response: 2001230
Conc: 18.68 ug/ml



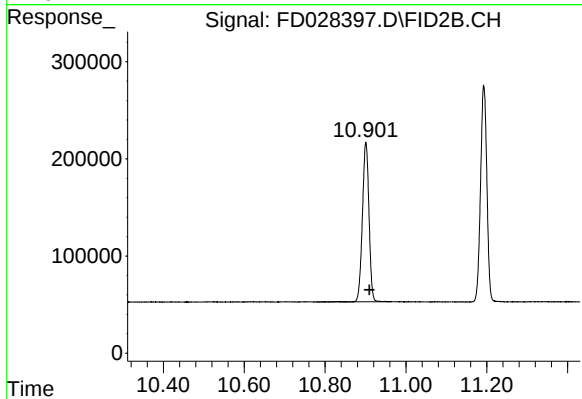
#6 n-Tetradecane (C14)

R.T.: 7.879 min
Delta R.T.: -0.011 min
Response: 1804389
Conc: 18.47 ug/ml



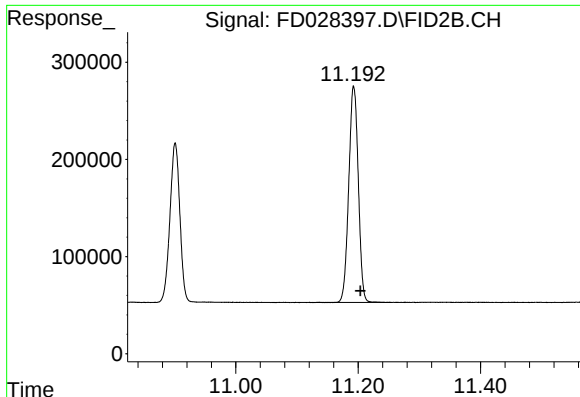
#7 n-Hexadecane (C16)

R.T.: 9.469 min
Delta R.T.: -0.010 min
Response: 1833391
Conc: 18.09 ug/ml



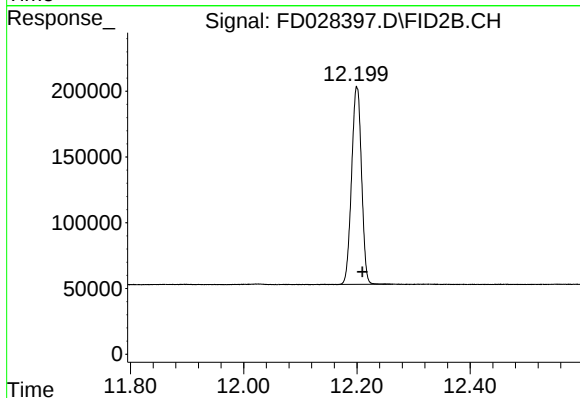
#8 n-Octadecane (C18)

R.T.: 10.901 min
Delta R.T.: -0.009 min
Response: 1844127
Conc: 17.42 ug/ml



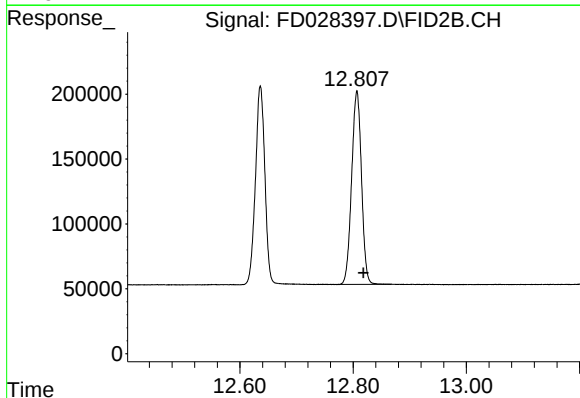
#9 ortho-Terphenyl (SURRE)

R.T.: 11.193 min
Delta R.T.: -0.010 min
Response: 2409384
Conc: 17.31 ug/ml



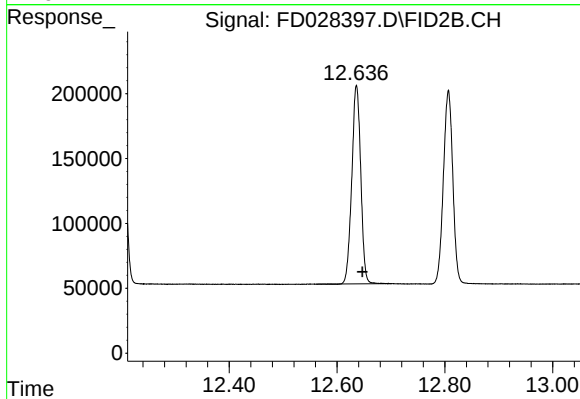
#10 n-Eicosane (C20)

R.T.: 12.200 min
Delta R.T.: -0.010 min
Response: 1829925
Conc: 16.98 ug/ml



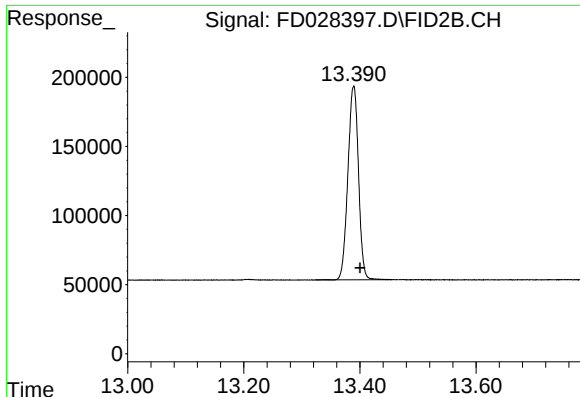
#11 n-Heneicosane (C21)

R.T.: 12.807 min
Delta R.T.: -0.011 min
Response: 1797565
Conc: 16.91 ug/ml



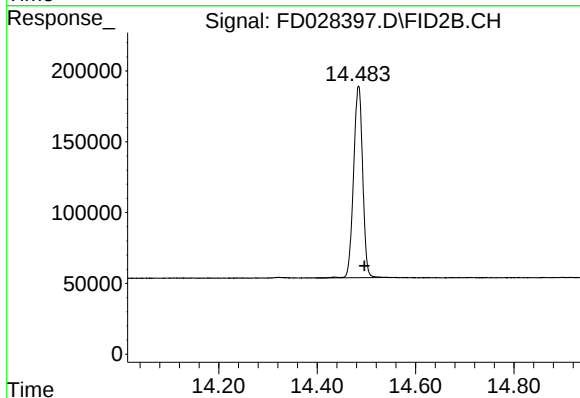
#12 1-chlorooctadecane (SURRE)

R.T.: 12.636 min
Delta R.T.: -0.011 min
Response: 1763903
Conc: 16.42 ug/ml



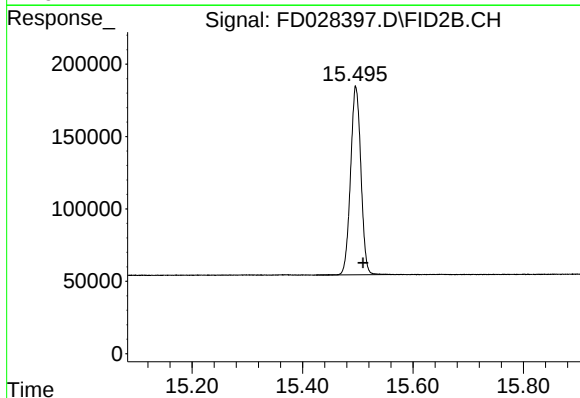
#13 n-Docosane (C22)

R.T.: 13.389 min
Delta R.T.: -0.011 min
Response: 1774262
Conc: 16.62 ug/ml



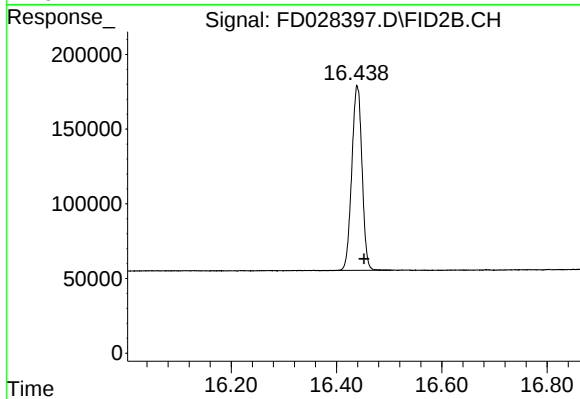
#14 n-Tetracosane (C24)

R.T.: 14.484 min
Delta R.T.: -0.012 min
Response: 1736117
Conc: 16.50 ug/ml



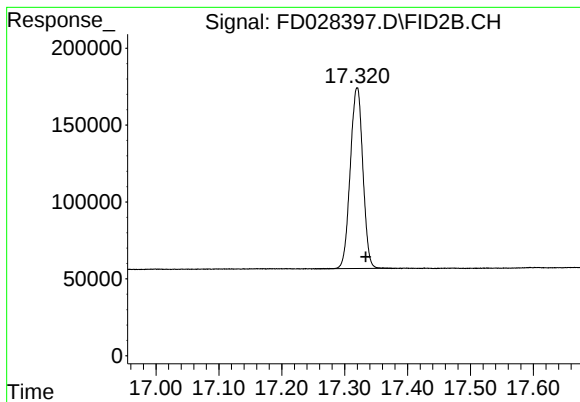
#15 n-Hexacosane (C26)

R.T.: 15.497 min
Delta R.T.: -0.013 min
Response: 1689278
Conc: 16.54 ug/ml



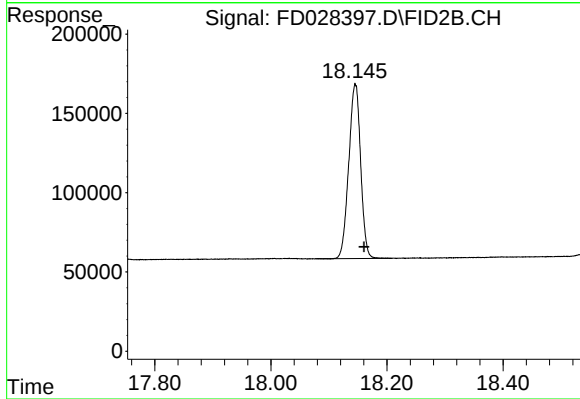
#16 n-Octacosane (C28)

R.T.: 16.439 min
Delta R.T.: -0.013 min
Response: 1669039
Conc: 16.83 ug/ml



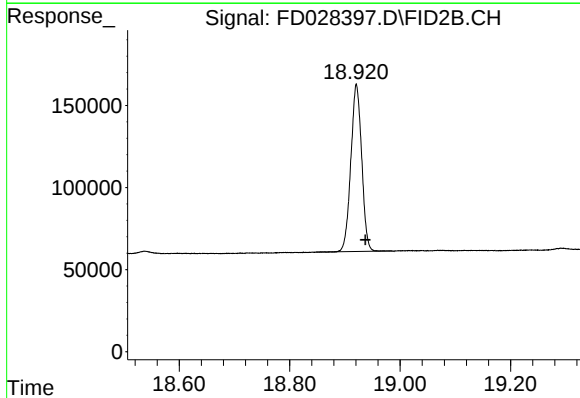
#17 n-Tricontane (C30)

R.T.: 17.320 min
Delta R.T.: -0.014 min
Response: 1638330
Conc: 17.35 ug/ml



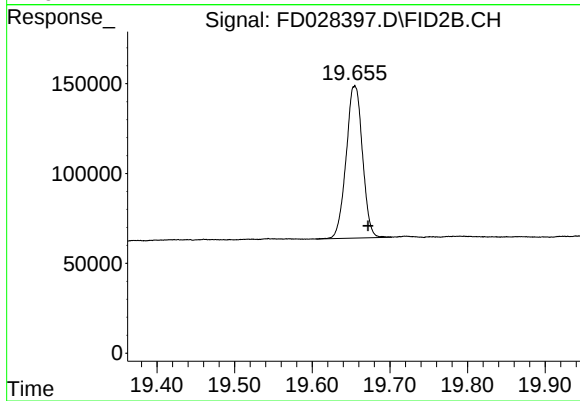
#18 n-Dotriacontane (C32)

R.T.: 18.145 min
Delta R.T.: -0.015 min
Response: 1564533
Conc: 18.14 ug/ml



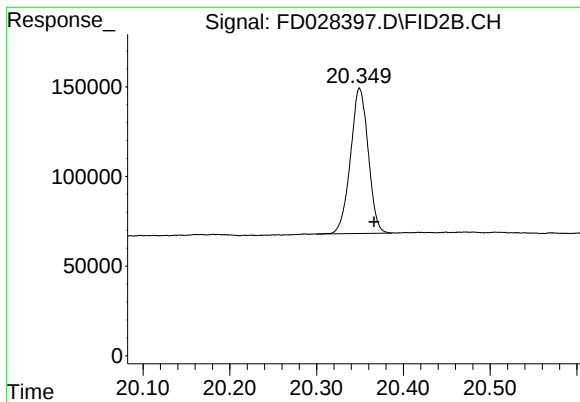
#19 n-Tetratriacontane (C34)

R.T.: 18.921 min
Delta R.T.: -0.016 min
Response: 1389230
Conc: 18.66 ug/ml



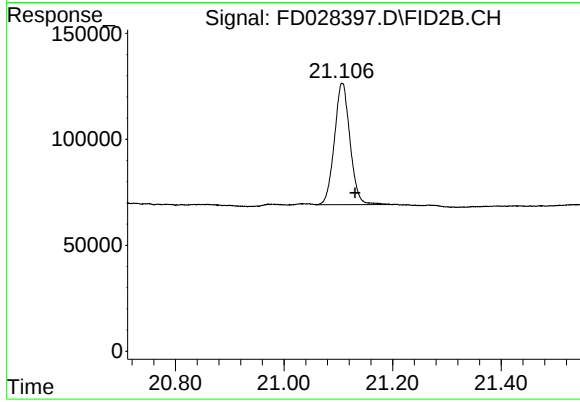
#20 n-Hexatriacontane (C36)

R.T.: 19.655 min
Delta R.T.: -0.017 min
Response: 1236662
Conc: 19.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.349 min
Delta R.T.: -0.017 min
Response: 1151277
Conc: 19.11 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.106 min
Delta R.T.: -0.025 min
Response: 1144758
Conc: 19.34 ug/ml m