

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040819AL\
 Data File : FD028727.D
 Signal(s) : FID2B.CH
 Acq On : 08 Apr 2019 11:11
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 09 01:18:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 04:15:45 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)	11.015	2351788	16.339 ug/ml
Spiked Amount 50.000		Recovery =	32.68%
12) S 1-chlorooctadecane (S...	12.437	1830315	15.681 ug/ml
Spiked Amount 50.000		Recovery =	31.36%
Target Compounds			
1) T n-Nonane (C9)	2.858	1598859	16.574 ug/ml
2) T n-Decane (C10)	3.878	1664085	16.701 ug/ml
3) T A-Naphthalene (C11.7)	5.453	1929752	17.280 ug/ml
4) T n-Dodecane (C12)	5.872	1740045	17.069 ug/ml
5) T A~2-methylnaphthalene...	6.501	1980839	17.454 ug/ml
6) T n-Tetradecane (C14)	7.659	1803346	16.948 ug/ml
7) T n-Hexadecane (C16)	9.254	1835953	16.504 ug/ml
8) T n-Octadecane (C18)	10.690	1864733	16.104 ug/ml
10) T n-Eicosane (C20)	11.993	1866961	15.803 ug/ml
11) T n-Heneicosane (C21)	12.601	1851429	15.725 ug/ml
13) T n-Docosane (C22)	13.184	1845235	15.628 ug/ml
14) T n-Tetracosane (C24)	14.280	1830317	15.680 ug/ml
15) T n-Hexacosane (C26)	15.295	1789795	15.692 ug/ml
16) T n-Octacosane (C28)	16.237	1767551	15.730 ug/ml
17) T n-Tricontane (C30)	17.119	1718858	15.971 ug/ml
18) T n-Dotriacontane (C32)	17.946	1644636	16.225 ug/ml
19) T n-Tetratriacontane (C34)	18.750	1453045	16.619 ug/ml
20) T n-Hexatriacontane (C36)	19.753	1293801	16.815 ug/ml
21) T n-Octatriacontane (C38)	21.101	1217192	16.959 ug/ml
22) T n-Tetracontane (C40)	22.980	1193059	16.835 ug/ml

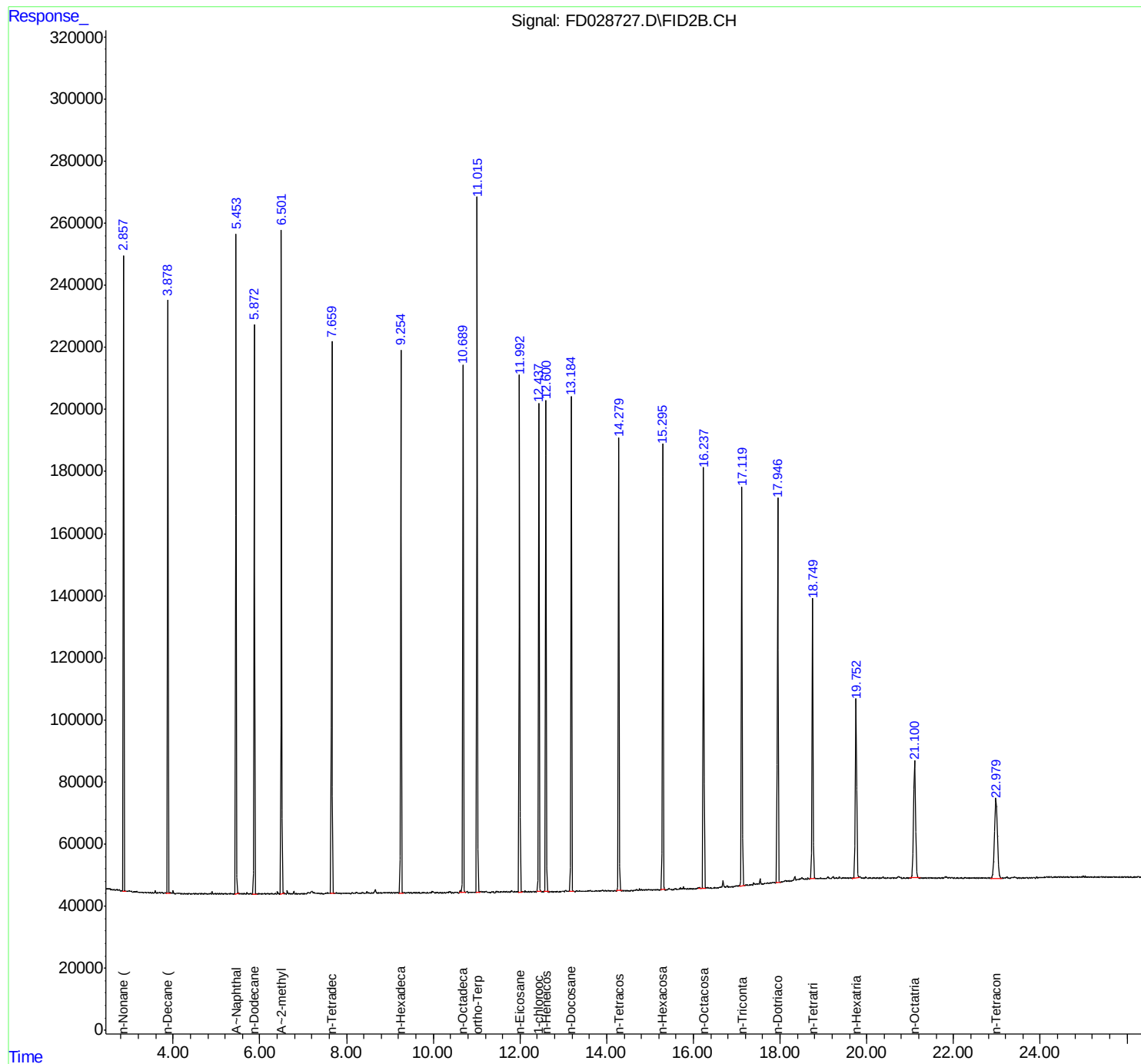
(f)=RT Delta > 1/2 Window

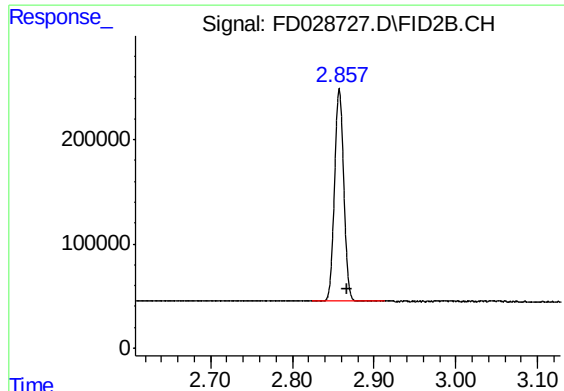
(m)=manual int.

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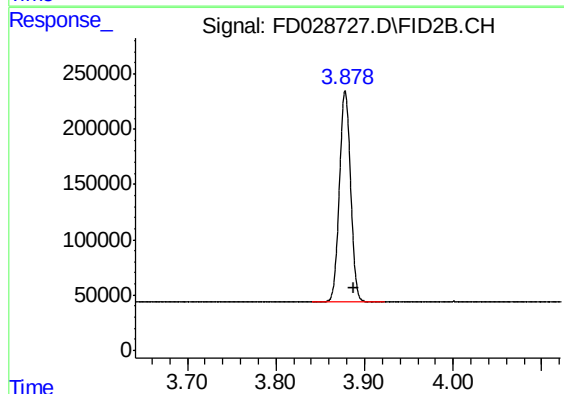
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Signal Info : 20M x 0.18mm x 0.18um





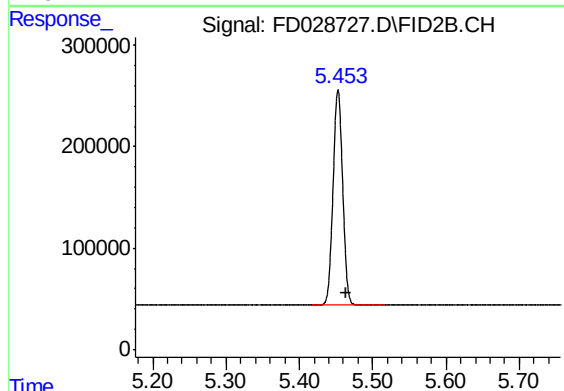
#1 n-Nonane (C9)

R.T.: 2.858 min
Delta R.T.: -0.009 min
Response: 1598859
Conc: 16.57 ug/ml



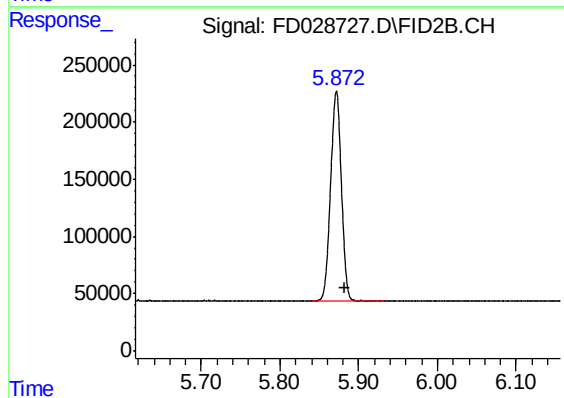
#2 n-Decane (C10)

R.T.: 3.878 min
Delta R.T.: -0.010 min
Response: 1664085
Conc: 16.70 ug/ml



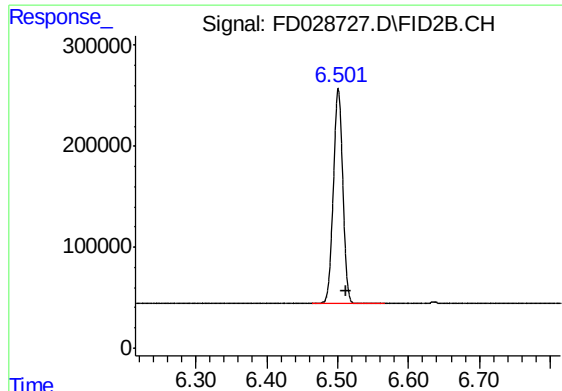
#3 A~Naphthalene (C11.7)

R.T.: 5.453 min
Delta R.T.: -0.011 min
Response: 1929752
Conc: 17.28 ug/ml



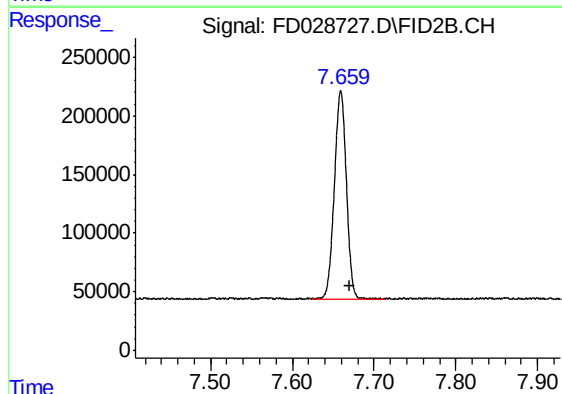
#4 n-Dodecane (C12)

R.T.: 5.872 min
Delta R.T.: -0.010 min
Response: 1740045
Conc: 17.07 ug/ml



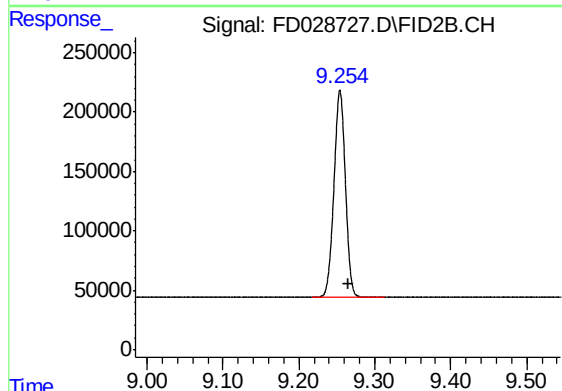
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.501 min
Delta R.T.: -0.011 min
Response: 1980839
Conc: 17.45 ug/ml



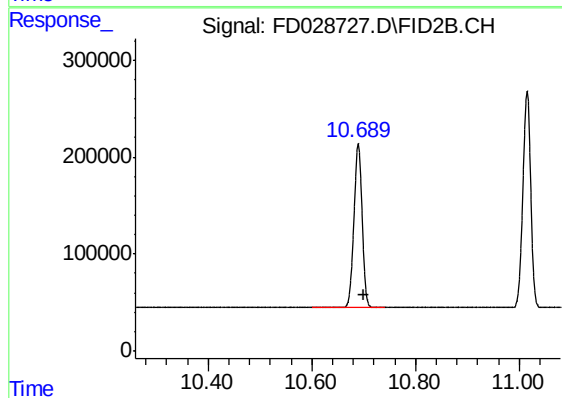
#6 n-Tetradecane (C14)

R.T.: 7.659 min
Delta R.T.: -0.011 min
Response: 1803346
Conc: 16.95 ug/ml



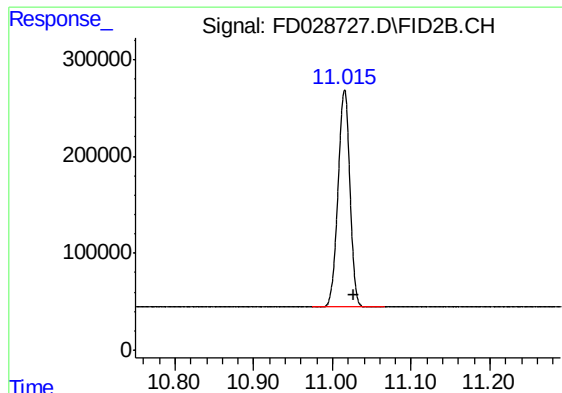
#7 n-Hexadecane (C16)

R.T.: 9.254 min
Delta R.T.: -0.011 min
Response: 1835953
Conc: 16.50 ug/ml



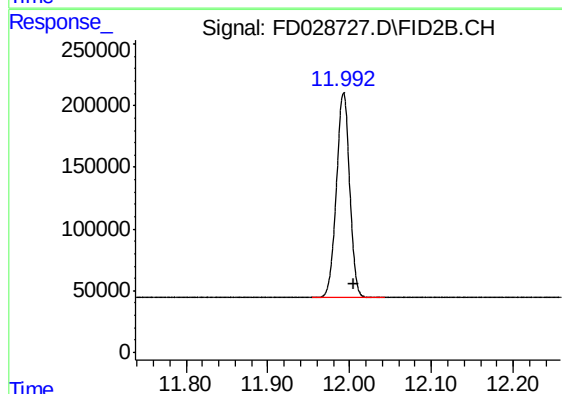
#8 n-Octadecane (C18)

R.T.: 10.690 min
Delta R.T.: -0.012 min
Response: 1864733
Conc: 16.10 ug/ml



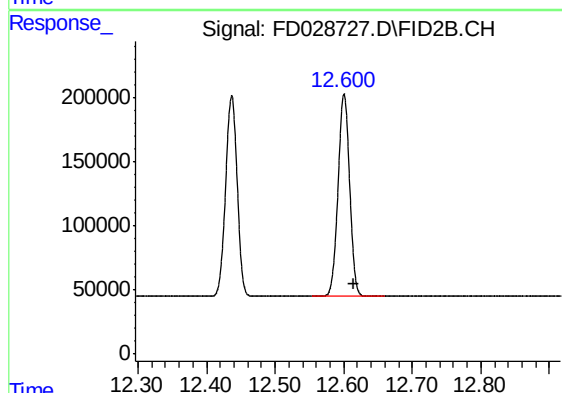
#9 ortho-Terphenyl (SURR)

R.T.: 11.015 min
Delta R.T.: -0.012 min
Response: 2351788
Conc: 16.34 ug/ml



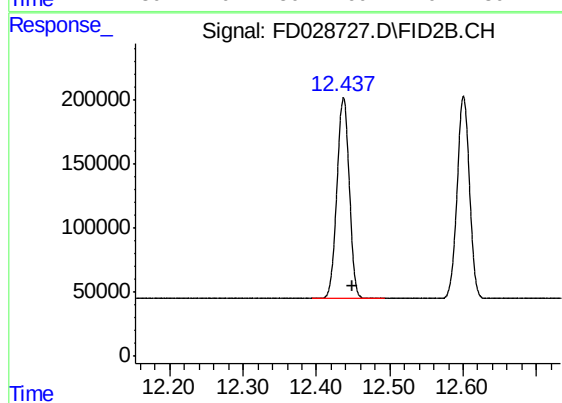
#10 n-Eicosane (C20)

R.T.: 11.993 min
Delta R.T.: -0.012 min
Response: 1866961
Conc: 15.80 ug/ml



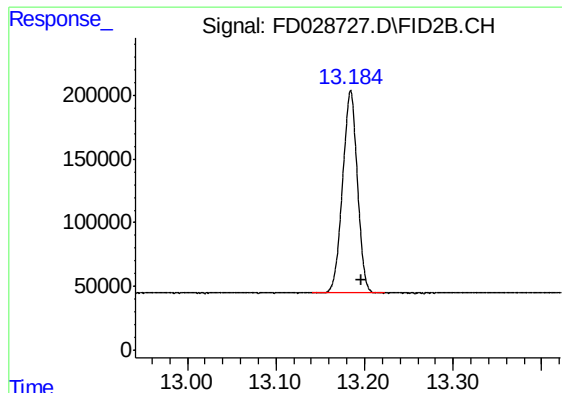
#11 n-Heneicosane (C21)

R.T.: 12.601 min
Delta R.T.: -0.013 min
Response: 1851429
Conc: 15.72 ug/ml



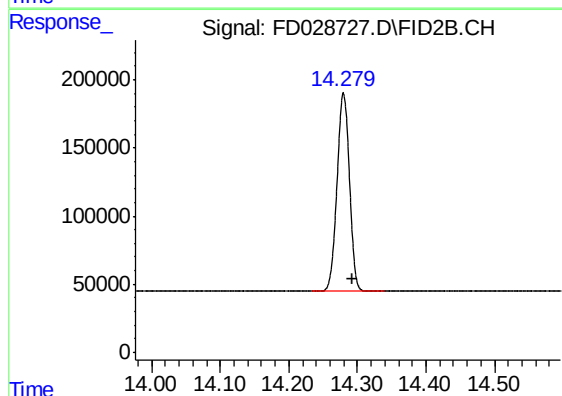
#12 1-chlorooctadecane (SURR)

R.T.: 12.437 min
Delta R.T.: -0.013 min
Response: 1830315
Conc: 15.68 ug/ml



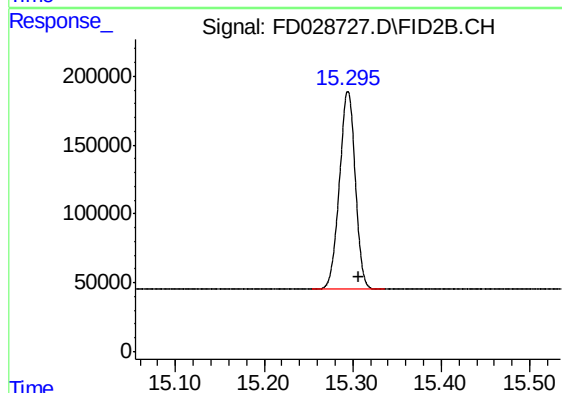
#13 n-Docosane (C22)

R.T.: 13.184 min
Delta R.T.: -0.013 min
Response: 1845235
Conc: 15.63 ug/ml



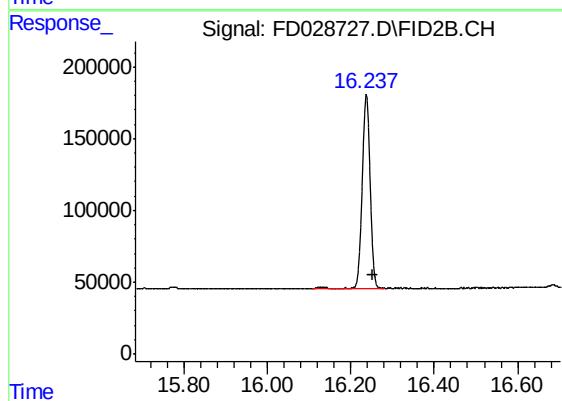
#14 n-Tetracosane (C24)

R.T.: 14.280 min
Delta R.T.: -0.013 min
Response: 1830317
Conc: 15.68 ug/ml



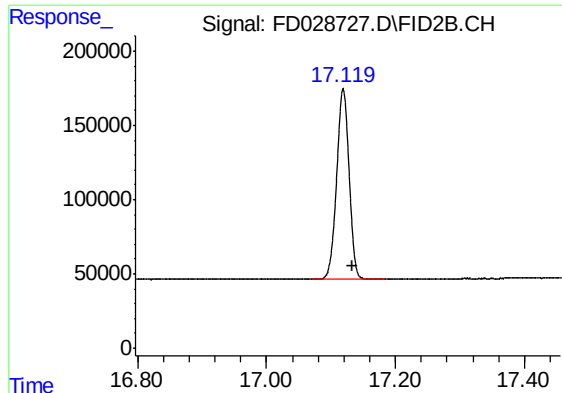
#15 n-Hexacosane (C26)

R.T.: 15.295 min
Delta R.T.: -0.012 min
Response: 1789795
Conc: 15.69 ug/ml



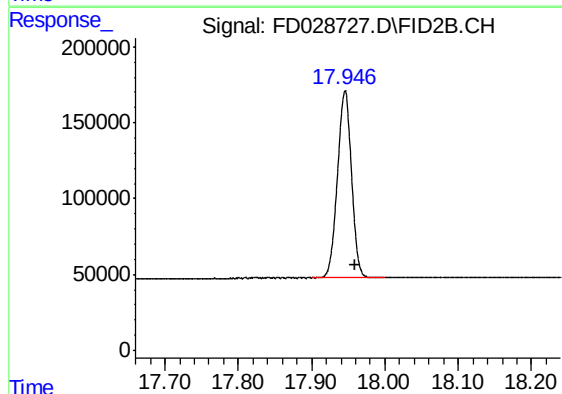
#16 n-Octacosane (C28)

R.T.: 16.237 min
Delta R.T.: -0.014 min
Response: 1767551
Conc: 15.73 ug/ml



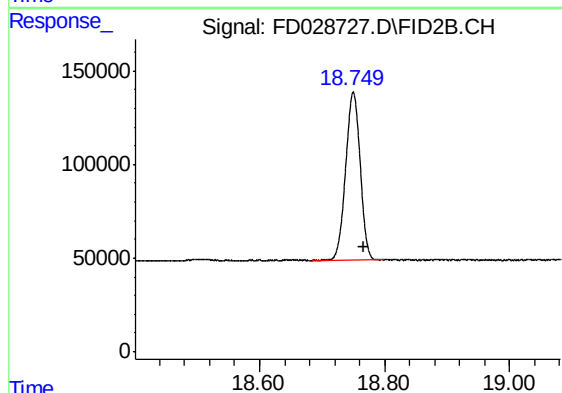
#17 n-Tricontane (C30)

R.T.: 17.119 min
Delta R.T.: -0.014 min
Response: 1718858
Conc: 15.97 ug/ml



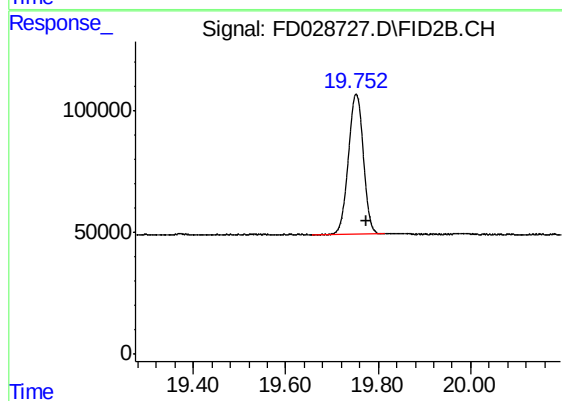
#18 n-Dotriacontane (C32)

R.T.: 17.946 min
Delta R.T.: -0.013 min
Response: 1644636
Conc: 16.23 ug/ml



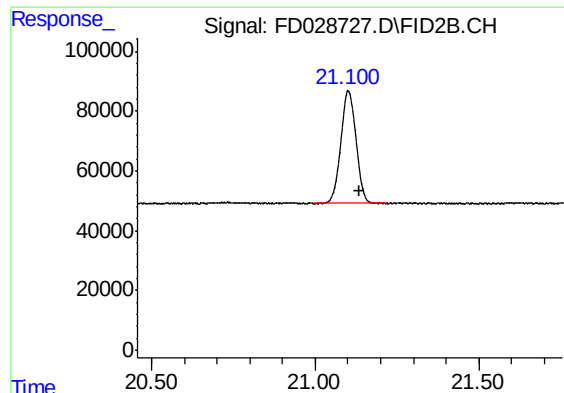
#19 n-Tetatriacontane (C34)

R.T.: 18.750 min
Delta R.T.: -0.017 min
Response: 1453045
Conc: 16.62 ug/ml



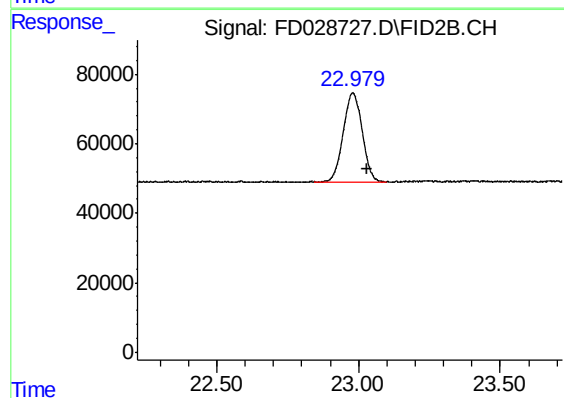
#20 n-Hexatriacontane (C36)

R.T.: 19.753 min
Delta R.T.: -0.021 min
Response: 1293801
Conc: 16.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.036 min
Response: 1217192
Conc: 16.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.980 min
Delta R.T.: -0.049 min
Response: 1193059
Conc: 16.84 ug/ml