

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040419AL\
 Data File : FC040350.D
 Signal(s) : FID1A.CH
 Acq On : 05 Apr 2019 9:15
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 05 10:10:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 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)	11.028	2646637	20.552 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
12) S 1-chlorooctadecane (S...	12.457	2012305	20.372 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
Target Compounds			
1) T n-Nonane (C9)	2.860	1709072	20.708 ug/ml
2) T n-Decane (C10)	3.882	1796902	21.231 ug/ml
3) T A~Naphthalene (C11.7)	5.456	2175919	22.301 ug/ml
4) T n-Dodecane (C12)	5.876	1883618	21.807 ug/ml
5) T A~2-methylnaphthalene...	6.506	2227578	22.419 ug/ml
6) T n-Tetradecane (C14)	7.666	1979274	21.716 ug/ml
7) T n-Hexadecane (C16)	9.264	2018962	21.006 ug/ml
8) T n-Octadecane (C18)	10.704	2022824	20.165 ug/ml
10) T n-Eicosane (C20)	12.011	2035281	19.999 ug/ml
11) T n-Heneicosane (C21)	12.622	2022378	20.055 ug/ml
13) T n-Docosane (C22)	13.208	2029648	20.192 ug/ml
14) T n-Tetracosane (C24)	14.310	2048869	20.579 ug/ml
15) T n-Hexacosane (C26)	15.330	2083015	21.276 ug/ml
16) T n-Octacosane (C28)	16.280	2128071	21.693 ug/ml
17) T n-Tricontane (C30)	17.167	2137988	21.850 ug/ml
18) T n-Dotriacontane (C32)	17.999	2065381	21.341 ug/ml
19) T n-Tetratriacontane (C34)	18.817	1797222	21.439 ug/ml
20) T n-Hexatriacontane (C36)	19.845	1584499	21.520 ug/ml
21) T n-Octatriacontane (C38)	21.230	1478345	21.394 ug/ml
22) T n-Tetracontane (C40)	23.156	1445828	21.329 ug/ml

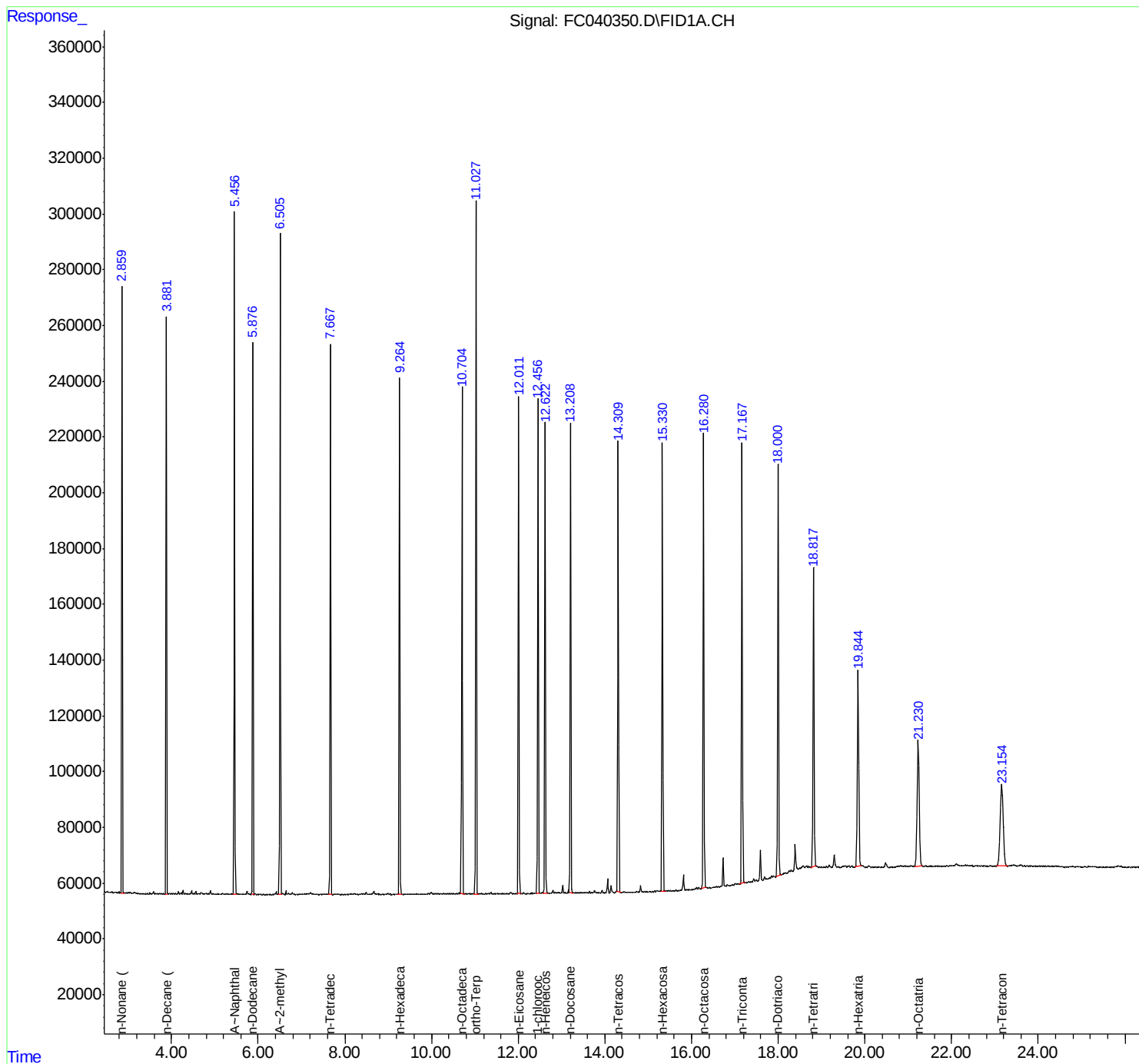
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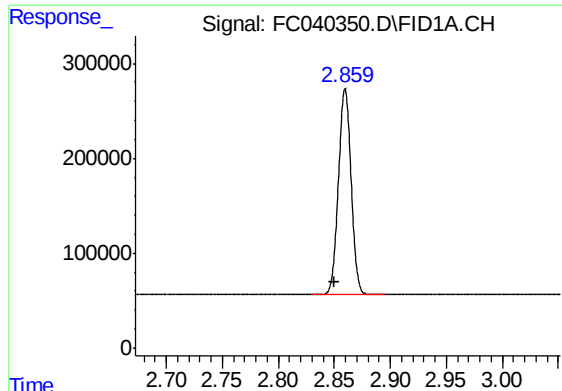
(m)=manual int.

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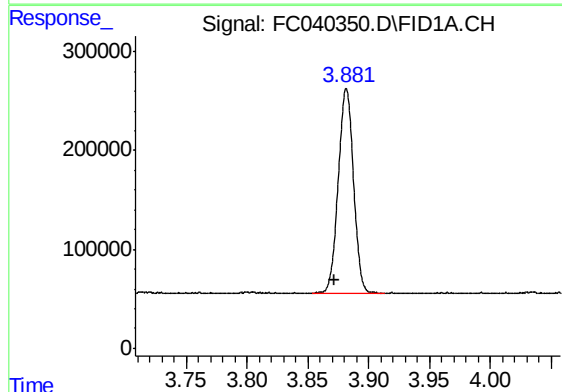
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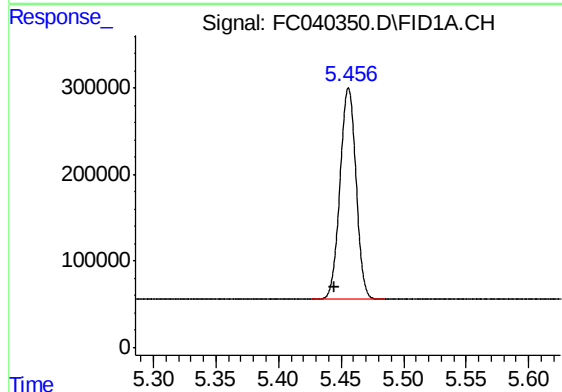
#1 n-Nonane (C9)

R.T.: 2.860 min
Delta R.T.: 0.010 min
Response: 1709072
Conc: 20.71 ug/ml



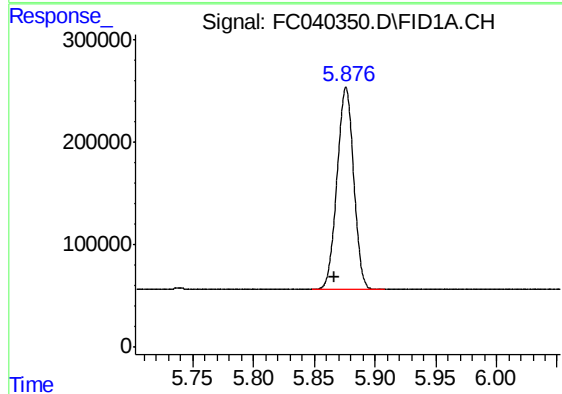
#2 n-Decane (C10)

R.T.: 3.882 min
Delta R.T.: 0.010 min
Response: 1796902
Conc: 21.23 ug/ml



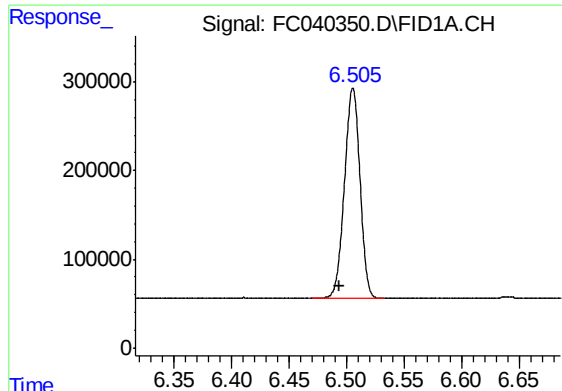
#3 A~Naphthalene (C11.7)

R.T.: 5.456 min
Delta R.T.: 0.012 min
Response: 2175919
Conc: 22.30 ug/ml



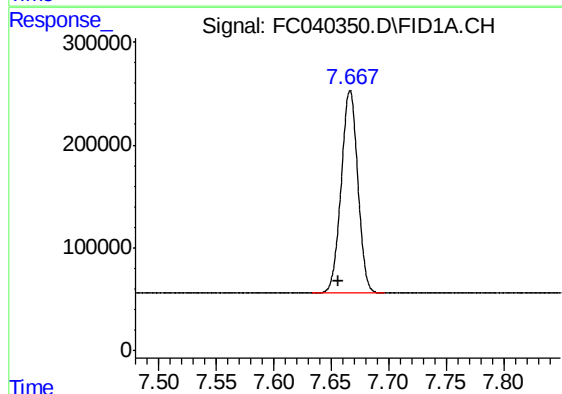
#4 n-Dodecane (C12)

R.T.: 5.876 min
Delta R.T.: 0.010 min
Response: 1883618
Conc: 21.81 ug/ml



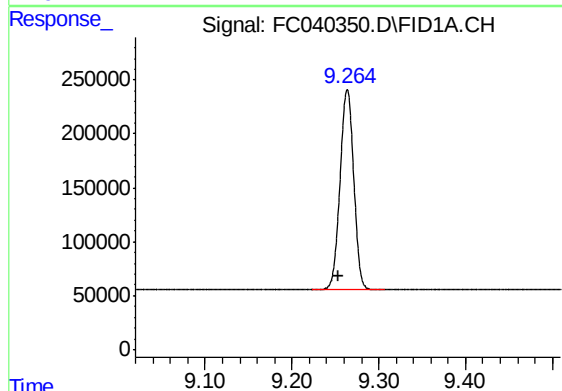
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.506 min
Delta R.T.: 0.012 min
Response: 2227578
Conc: 22.42 ug/ml



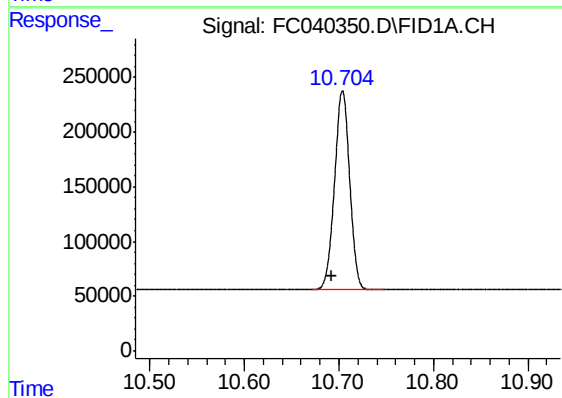
#6 n-Tetradecane (C14)

R.T.: 7.666 min
Delta R.T.: 0.010 min
Response: 1979274
Conc: 21.72 ug/ml



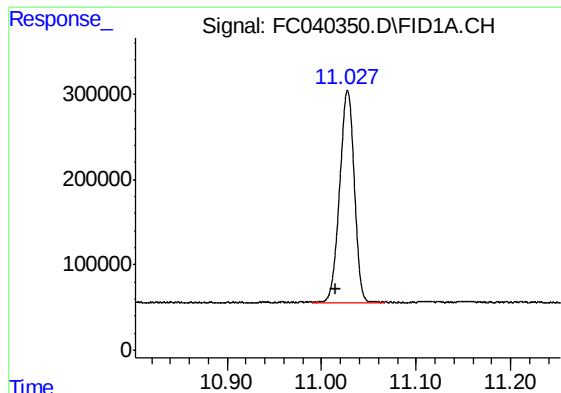
#7 n-Hexadecane (C16)

R.T.: 9.264 min
Delta R.T.: 0.010 min
Response: 2018962
Conc: 21.01 ug/ml



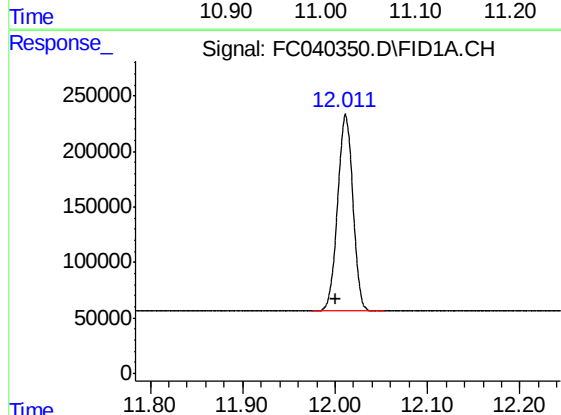
#8 n-Octadecane (C18)

R.T.: 10.704 min
Delta R.T.: 0.011 min
Response: 2022824
Conc: 20.17 ug/ml



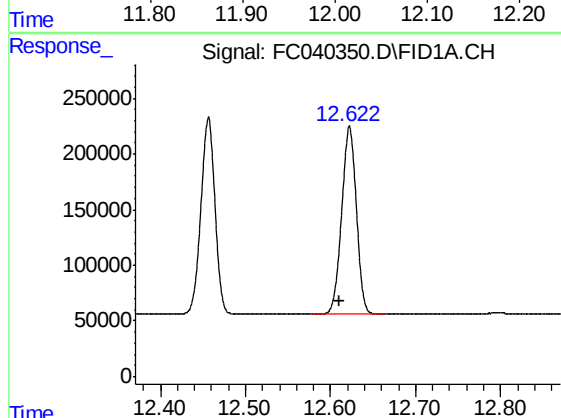
#9 ortho-Terphenyl (SURR)

R.T.: 11.028 min
Delta R.T.: 0.012 min
Response: 2646637
Conc: 20.55 ug/ml



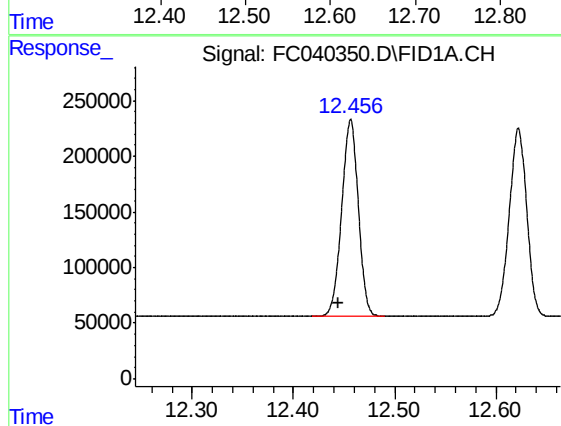
#10 n-Eicosane (C20)

R.T.: 12.011 min
Delta R.T.: 0.011 min
Response: 2035281
Conc: 20.00 ug/ml



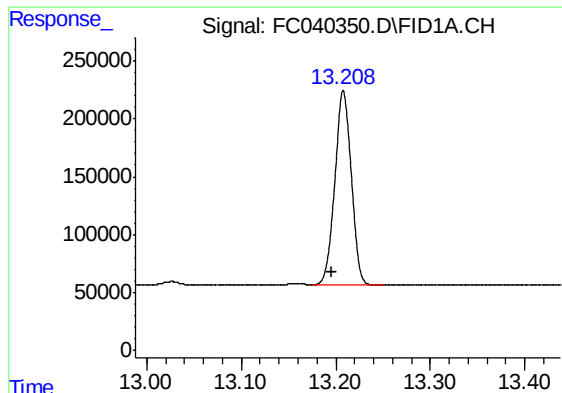
#11 n-Heneicosane (C21)

R.T.: 12.622 min
Delta R.T.: 0.012 min
Response: 2022378
Conc: 20.05 ug/ml



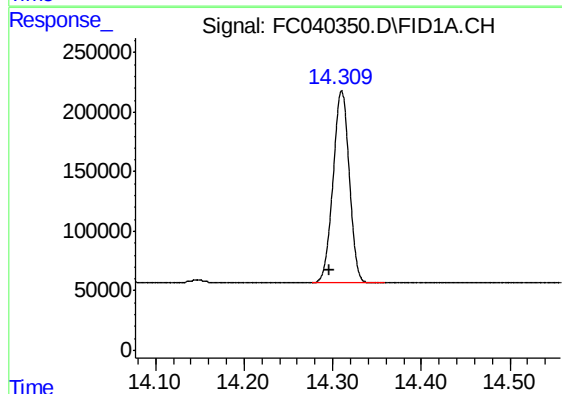
#12 1-chlorooctadecane (SURR)

R.T.: 12.457 min
Delta R.T.: 0.012 min
Response: 2012305
Conc: 20.37 ug/ml



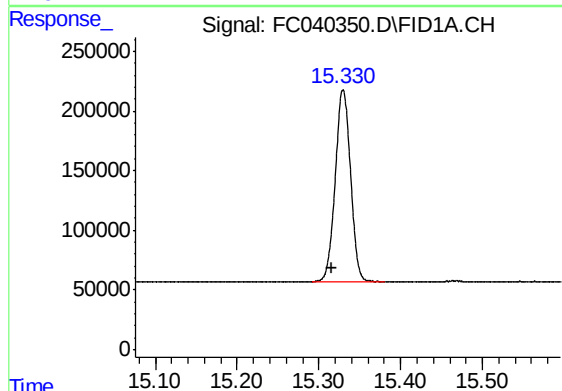
#13 n-Docosane (C22)

R.T.: 13.208 min
Delta R.T.: 0.012 min
Response: 2029648
Conc: 20.19 ug/ml



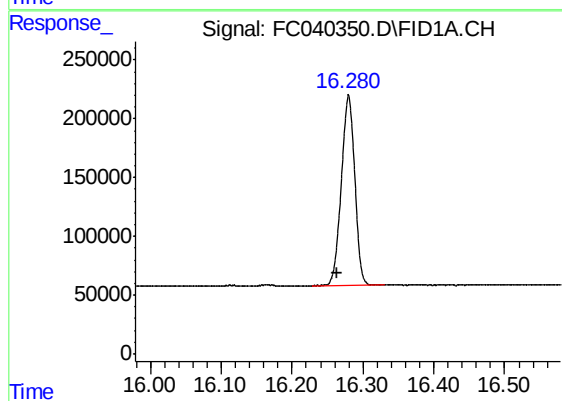
#14 n-Tetracosane (C24)

R.T.: 14.310 min
Delta R.T.: 0.014 min
Response: 2048869
Conc: 20.58 ug/ml



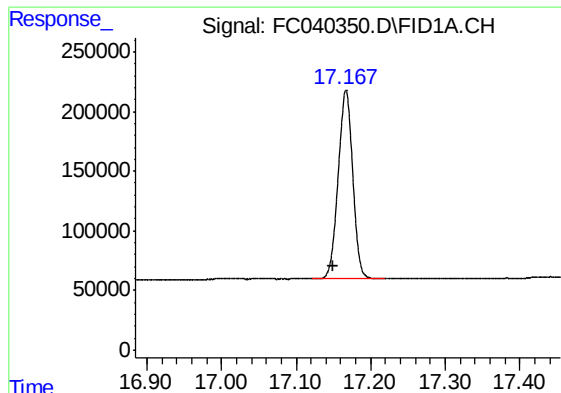
#15 n-Hexacosane (C26)

R.T.: 15.330 min
Delta R.T.: 0.014 min
Response: 2083015
Conc: 21.28 ug/ml



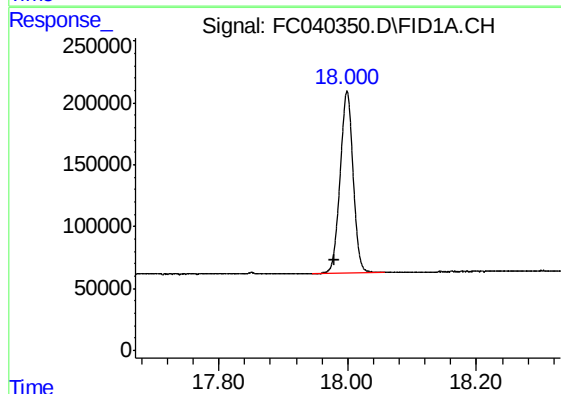
#16 n-Octacosane (C28)

R.T.: 16.280 min
Delta R.T.: 0.016 min
Response: 2128071
Conc: 21.69 ug/ml



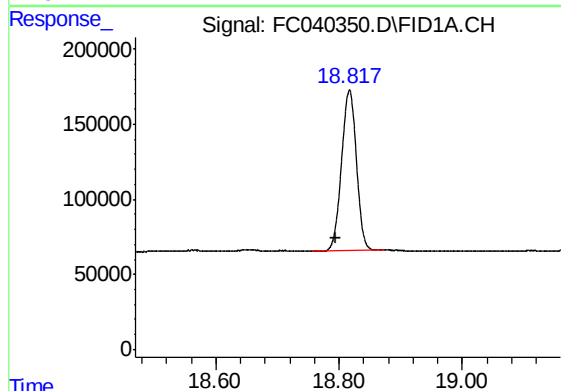
#17 n-Tricontane (C30)

R.T.: 17.167 min
Delta R.T.: 0.017 min
Response: 2137988
Conc: 21.85 ug/ml



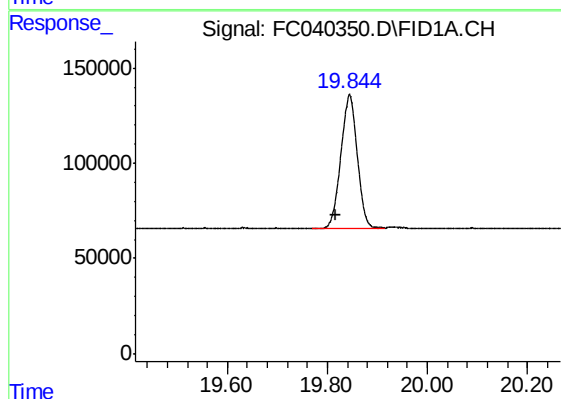
#18 n-Dotriacontane (C32)

R.T.: 17.999 min
Delta R.T.: 0.019 min
Response: 2065381
Conc: 21.34 ug/ml



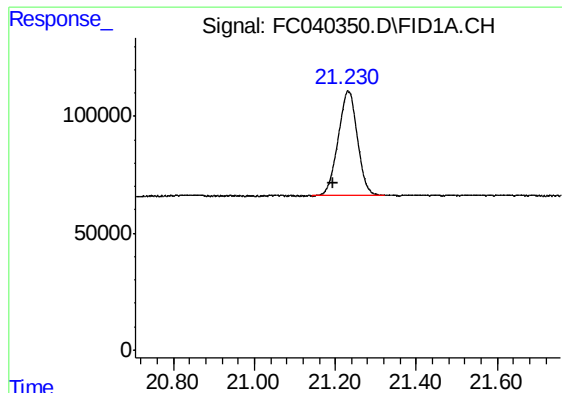
#19 n-Tetatriacontane (C34)

R.T.: 18.817 min
Delta R.T.: 0.021 min
Response: 1797222
Conc: 21.44 ug/ml



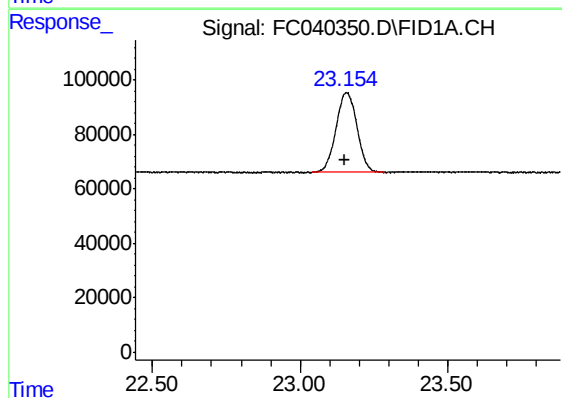
#20 n-Hexatriacontane (C36)

R.T.: 19.845 min
Delta R.T.: 0.027 min
Response: 1584499
Conc: 21.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.230 min
Delta R.T.: 0.034 min
Response: 1478345
Conc: 21.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.156 min
Delta R.T.: 0.006 min
Response: 1445828
Conc: 21.33 ug/ml