

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041519AL\
 Data File : FC040628.D
 Signal(s) : FID1A.CH
 Acq On : 16 Apr 2019 8:35
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 09:15:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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)	11.027	2443496	18.975 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
12) S 1-chlorooctadecane (S...	12.455	1865070	18.881 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
Target Compounds			
1) T n-Nonane (C9)	2.862	1603205	19.425 ug/ml
2) T n-Decane (C10)	3.883	1673440	19.772 ug/ml
3) T A-Naphthalene (C11.7)	5.458	2042955	20.939 ug/ml
4) T n-Dodecane (C12)	5.877	1755085	20.319 ug/ml
5) T A~2-methylnaphthalene...	6.507	2086893	21.003 ug/ml
6) T n-Tetradecane (C14)	7.666	1845436	20.248 ug/ml
7) T n-Hexadecane (C16)	9.264	1879471	19.554 ug/ml
8) T n-Octadecane (C18)	10.703	1878733	18.729 ug/ml
10) T n-Eicosane (C20)	12.010	1885317	18.525 ug/ml
11) T n-Heneicosane (C21)	12.621	1873373	18.577 ug/ml
13) T n-Docosane (C22)	13.205	1875130	18.654 ug/ml
14) T n-Tetracosane (C24)	14.306	1885580	18.938 ug/ml
15) T n-Hexacosane (C26)	15.326	1888027	19.285 ug/ml
16) T n-Octacosane (C28)	16.274	1900474	19.373 ug/ml
17) T n-Tricontane (C30)	17.161	1879364	19.207 ug/ml
18) T n-Dotriacontane (C32)	17.992	1810864	18.711 ug/ml
19) T n-Tetratriacontane (C34)	18.809	1610412	19.211 ug/ml
20) T n-Hexatriacontane (C36)	19.835	1426170	19.370 ug/ml
21) T n-Octatriacontane (C38)	21.217	1346291	19.483 ug/ml
22) T n-Tetracontane (C40)	23.143	1327145	19.578 ug/ml

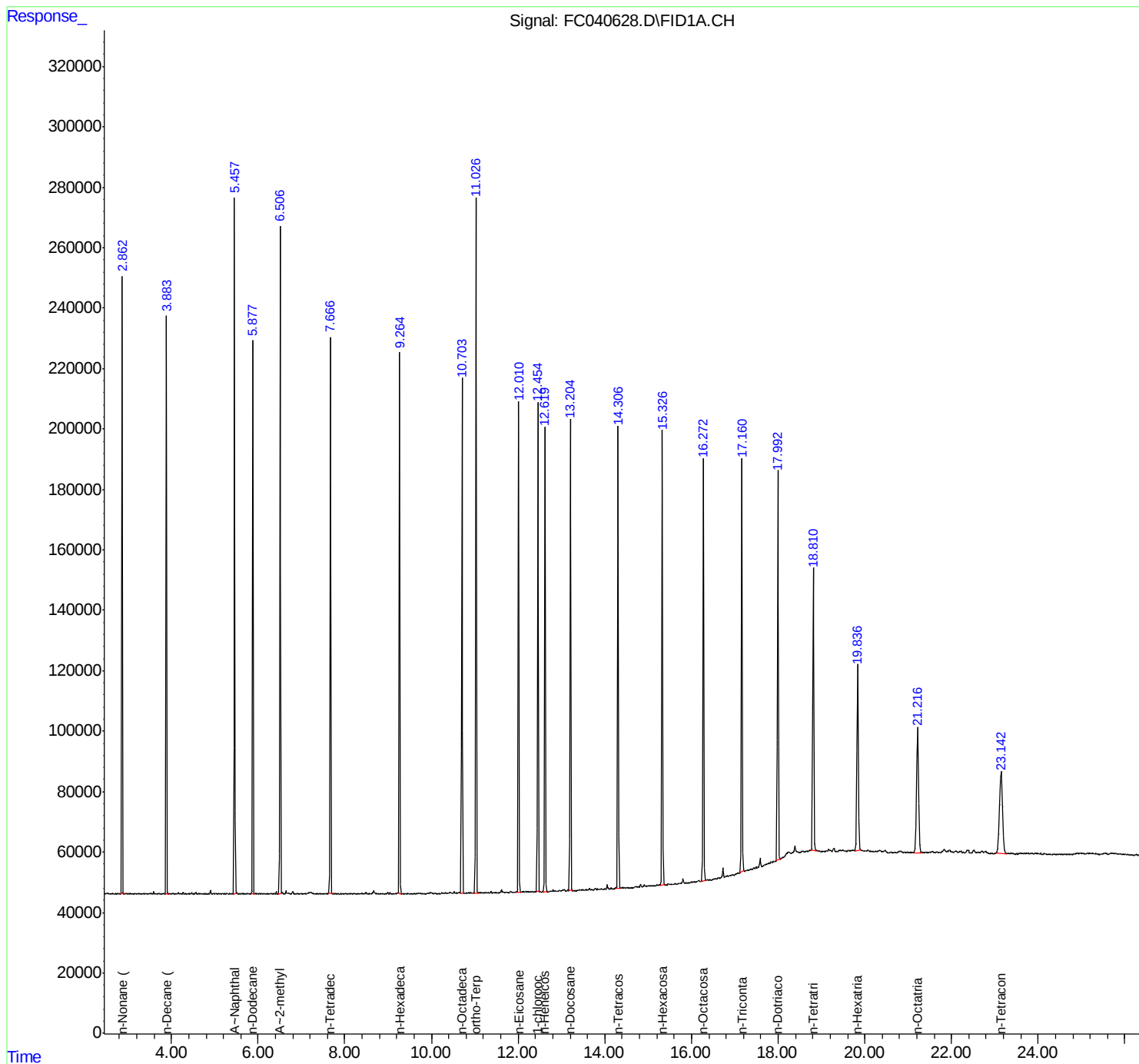
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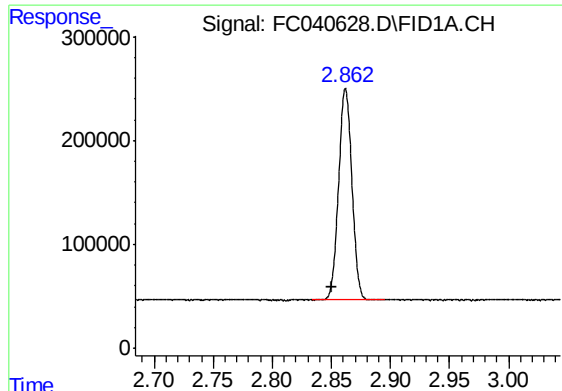
(m)=manual int.

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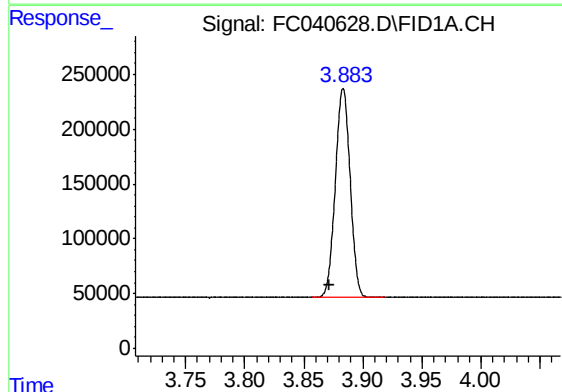
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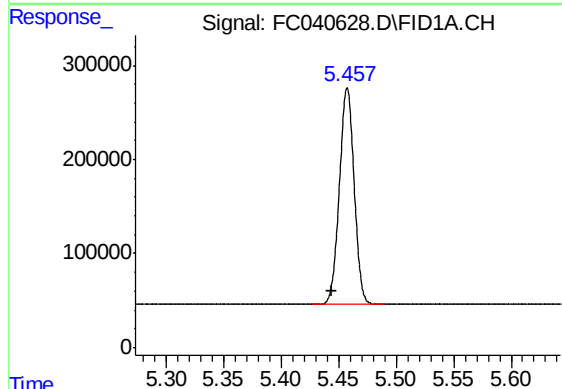
#1 n-Nonane (C9)

R.T.: 2.862 min
Delta R.T.: 0.012 min
Response: 1603205
Conc: 19.43 ug/ml



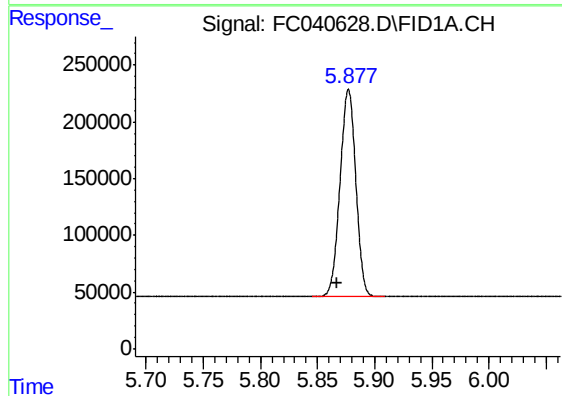
#2 n-Decane (C10)

R.T.: 3.883 min
Delta R.T.: 0.011 min
Response: 1673440
Conc: 19.77 ug/ml



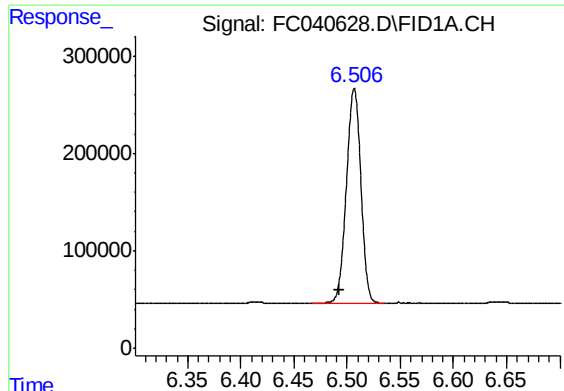
#3 A~Naphthalene (C11.7)

R.T.: 5.458 min
Delta R.T.: 0.013 min
Response: 2042955
Conc: 20.94 ug/ml



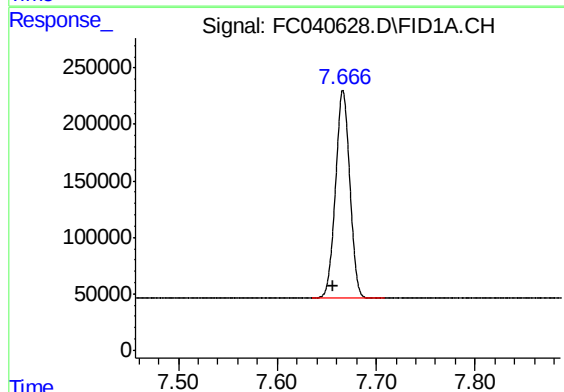
#4 n-Dodecane (C12)

R.T.: 5.877 min
Delta R.T.: 0.011 min
Response: 1755085
Conc: 20.32 ug/ml



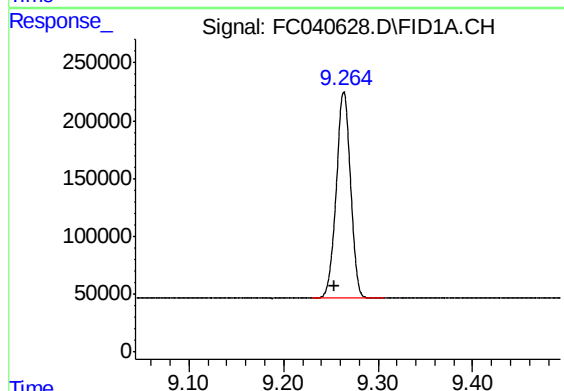
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.507 min
Delta R.T.: 0.013 min
Response: 2086893
Conc: 21.00 ug/ml



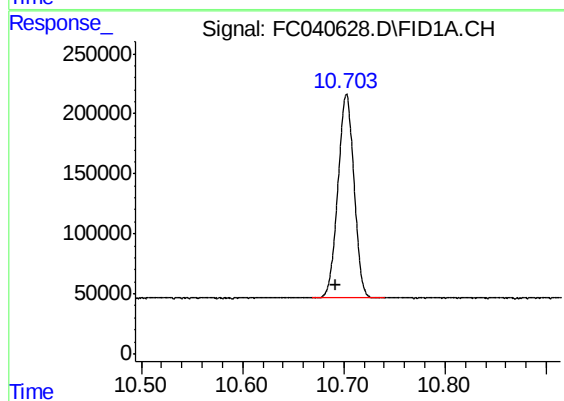
#6 n-Tetradecane (C14)

R.T.: 7.666 min
Delta R.T.: 0.010 min
Response: 1845436
Conc: 20.25 ug/ml



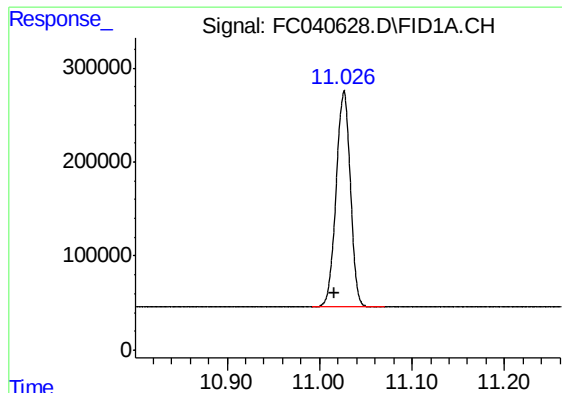
#7 n-Hexadecane (C16)

R.T.: 9.264 min
Delta R.T.: 0.010 min
Response: 1879471
Conc: 19.55 ug/ml



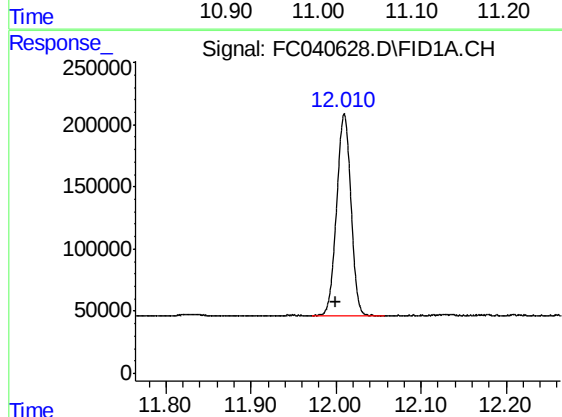
#8 n-Octadecane (C18)

R.T.: 10.703 min
Delta R.T.: 0.010 min
Response: 1878733
Conc: 18.73 ug/ml



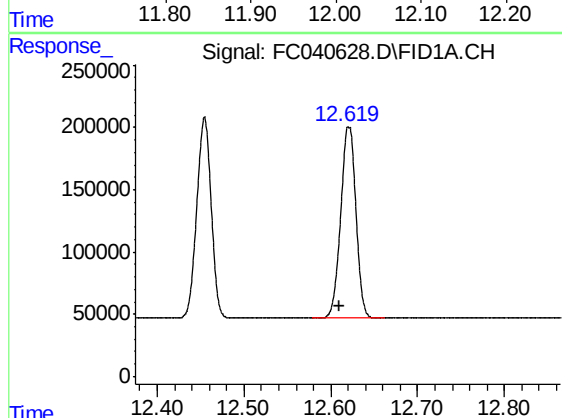
#9 ortho-Terphenyl (SURR)

R.T.: 11.027 min
Delta R.T.: 0.011 min
Response: 2443496
Conc: 18.97 ug/ml



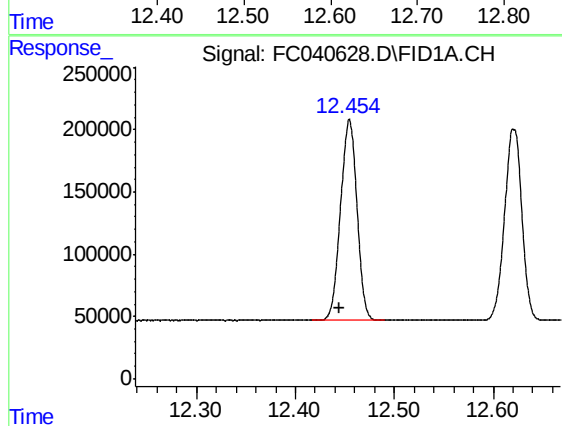
#10 n-Eicosane (C20)

R.T.: 12.010 min
Delta R.T.: 0.010 min
Response: 1885317
Conc: 18.53 ug/ml



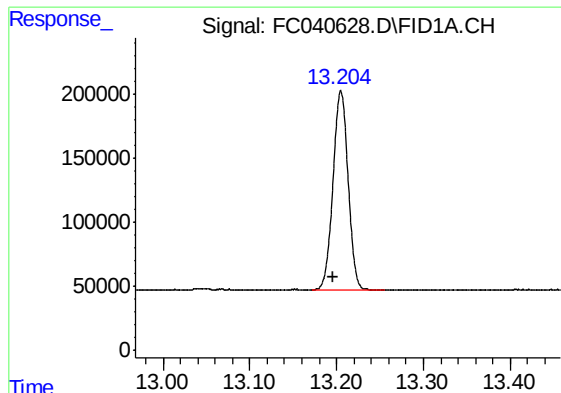
#11 n-Heneicosane (C21)

R.T.: 12.621 min
Delta R.T.: 0.011 min
Response: 1873373
Conc: 18.58 ug/ml



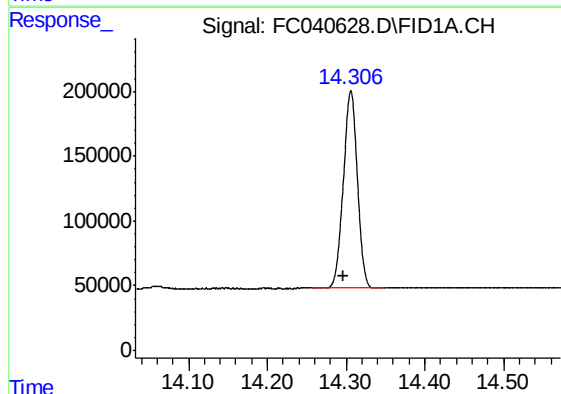
#12 1-chlorooctadecane (SURR)

R.T.: 12.455 min
Delta R.T.: 0.010 min
Response: 1865070
Conc: 18.88 ug/ml



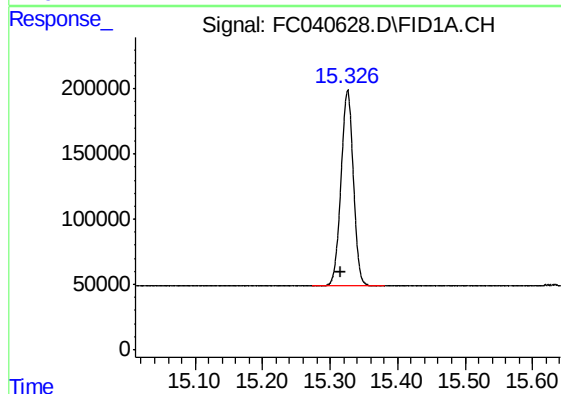
#13 n-Docosane (C22)

R.T.: 13.205 min
Delta R.T.: 0.009 min
Response: 1875130
Conc: 18.65 ug/ml



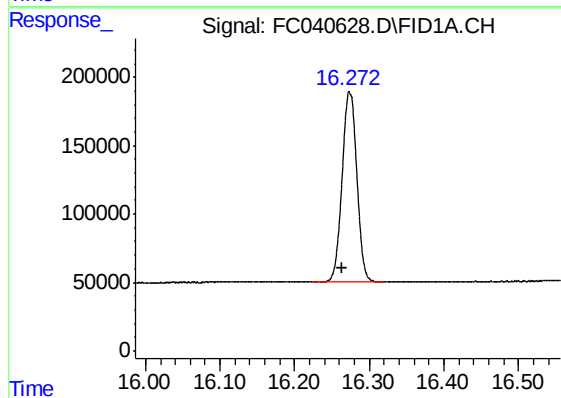
#14 n-Tetracosane (C24)

R.T.: 14.306 min
Delta R.T.: 0.010 min
Response: 1885580
Conc: 18.94 ug/ml



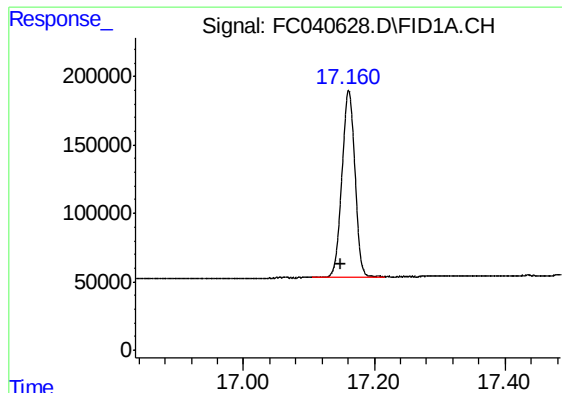
#15 n-Hexacosane (C26)

R.T.: 15.326 min
Delta R.T.: 0.010 min
Response: 1888027
Conc: 19.28 ug/ml



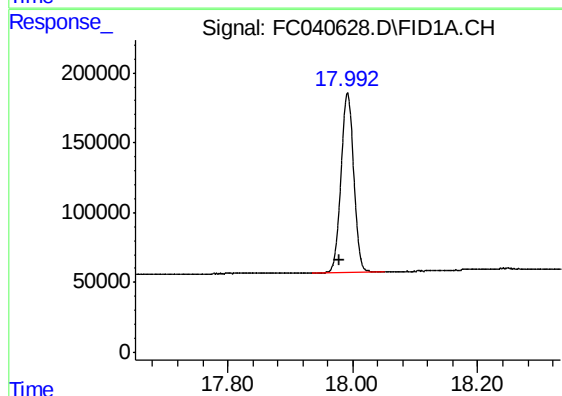
#16 n-Octacosane (C28)

R.T.: 16.274 min
Delta R.T.: 0.010 min
Response: 1900474
Conc: 19.37 ug/ml



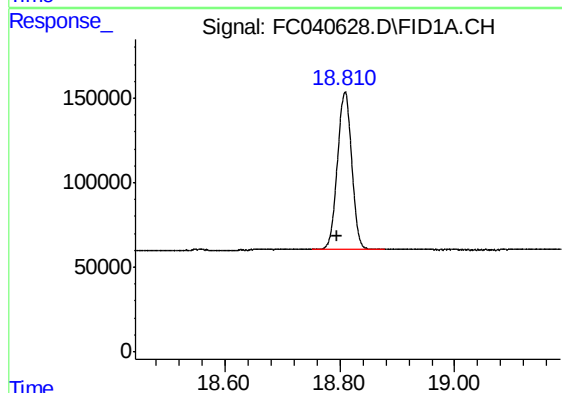
#17 n-Tricontane (C30)

R.T.: 17.161 min
Delta R.T.: 0.011 min
Response: 1879364
Conc: 19.21 ug/ml



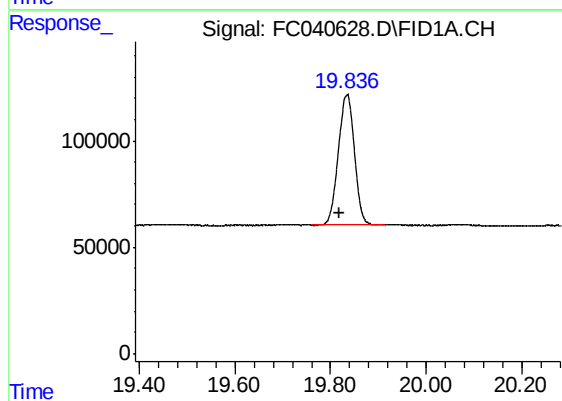
#18 n-Dotriacontane (C32)

R.T.: 17.992 min
Delta R.T.: 0.012 min
Response: 1810864
Conc: 18.71 ug/ml



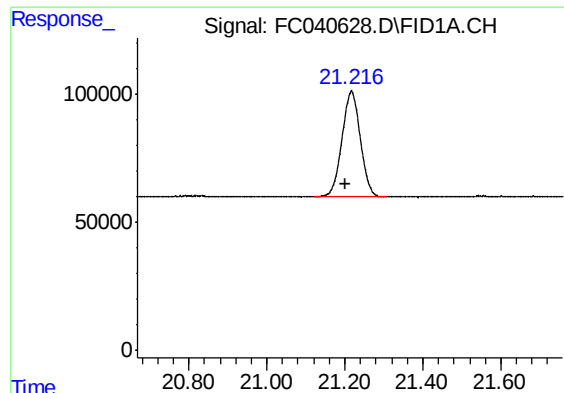
#19 n-Tetatriacontane (C34)

R.T.: 18.809 min
Delta R.T.: 0.014 min
Response: 1610412
Conc: 19.21 ug/ml



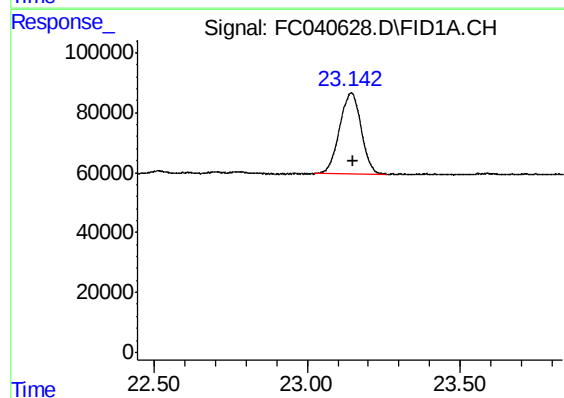
#20 n-Hexatriacontane (C36)

R.T.: 19.835 min
Delta R.T.: 0.017 min
Response: 1426170
Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.017 min
Response: 1346291
Conc: 19.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.143 min
Delta R.T.: -0.007 min
Response: 1327145
Conc: 19.58 ug/ml