

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101818AL\
 Data File : FC036978.D
 Signal(s) : FID1A.CH
 Acq On : 19 Oct 2018 6:46
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 19 07:17:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 13:16:54 2018
 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)	11.362	2255389	25.418 ug/ml
Spiked Amount 50.000		Recovery =	50.84%
12) S 1-chlorooctadecane (S...	12.803	1530568	24.095 ug/ml
Spiked Amount 50.000		Recovery =	48.19%
Target Compounds			
1) T n-Nonane (C9)	3.176	1612948	21.948 ug/ml
2) T n-Decane (C10)	4.241	1654359	22.727 ug/ml
3) T A-Naphthalene (C11.7)	5.809	2046179	24.526 ug/ml
4) T n-Dodecane (C12)	6.251	1682357	23.286 ug/ml
5) T A~2-methylnaphthalene...	6.859	2090999	25.253 ug/ml
6) T n-Tetradecane (C14)	8.035	1689036	23.368 ug/ml
7) T n-Hexadecane (C16)	9.627	1703638	23.350 ug/ml
8) T n-Octadecane (C18)	11.061	1718308	23.330 ug/ml
10) T n-Eicosane (C20)	12.364	1735508	23.739 ug/ml
11) T n-Heneicosane (C21)	12.972	1720501	24.025 ug/ml
13) T n-Docosane (C22)	13.556	1702221	23.878 ug/mlm
14) T n-Tetracosane (C24)	14.654	1700791	23.990 ug/ml
15) T n-Hexacosane (C26)	15.672	1660440	23.524 ug/ml
16) T n-Octacosane (C28)	16.616	1638613	22.957 ug/ml
17) T n-Tricontane (C30)	17.501	1587139	20.900 ug/ml
18) T n-Dotriacontane (C32)	18.329	1602043	19.982 ug/mlm
19) T n-Tetratriacontane (C34)	19.108	1527815	21.325 ug/mlm
20) T n-Hexatriacontane (C36)	19.846	1432779	20.929 ug/mlm
21) T n-Octatriacontane (C38)	20.554	1390672	20.983 ug/mlm
22) T n-Tetracontane (C40)	21.387	1546696	23.259 ug/mlm

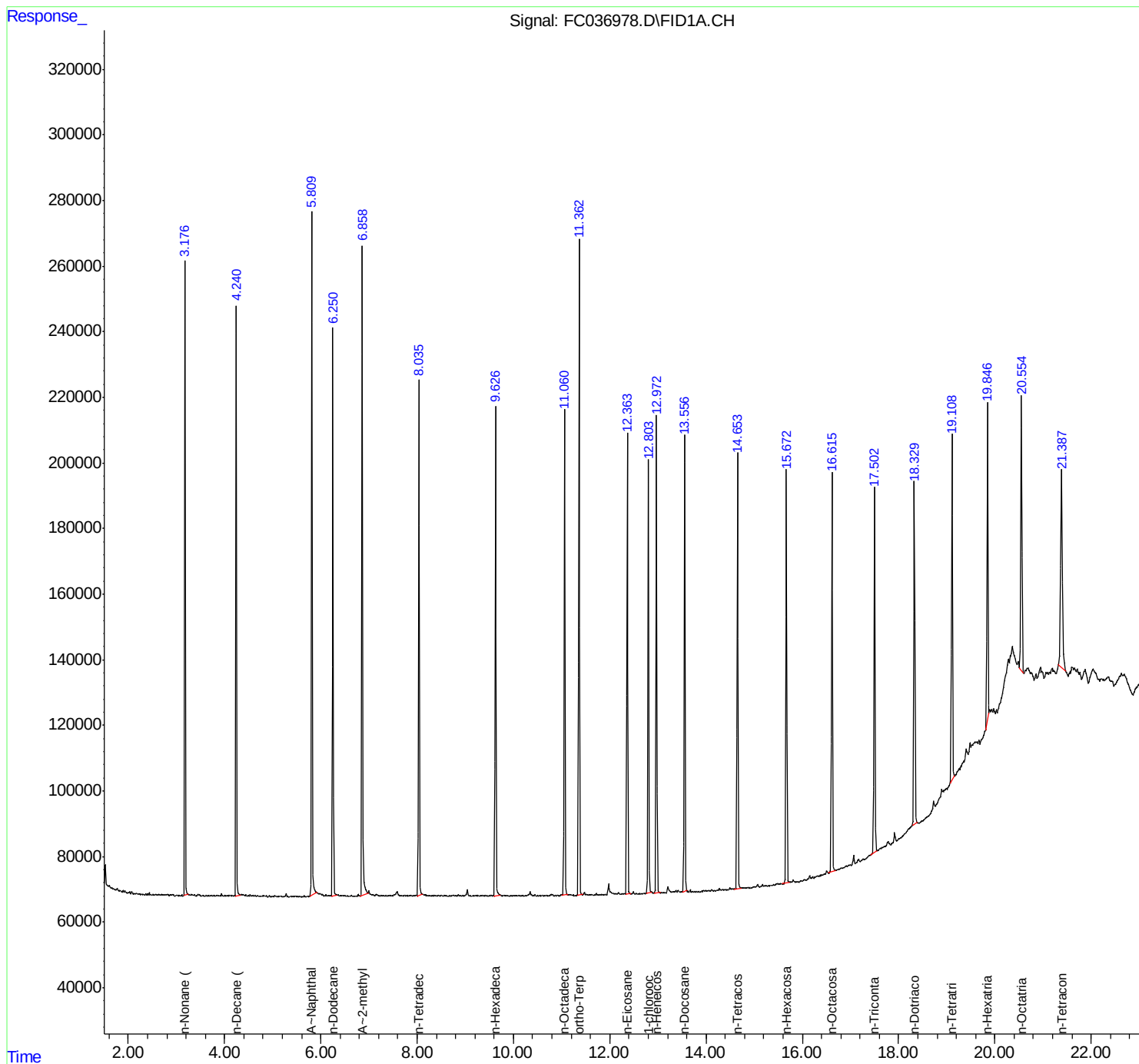
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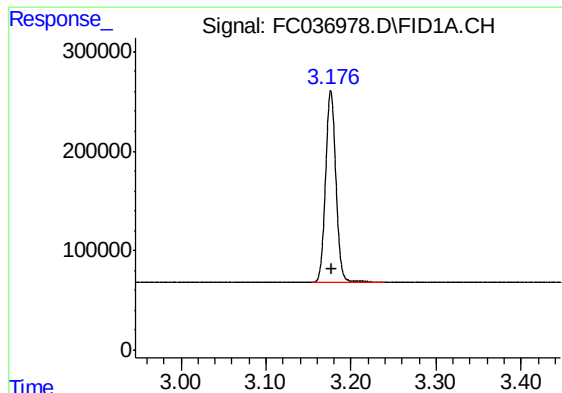
(m)=manual int.

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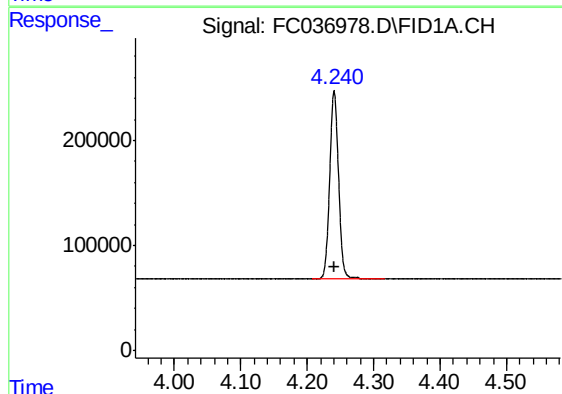
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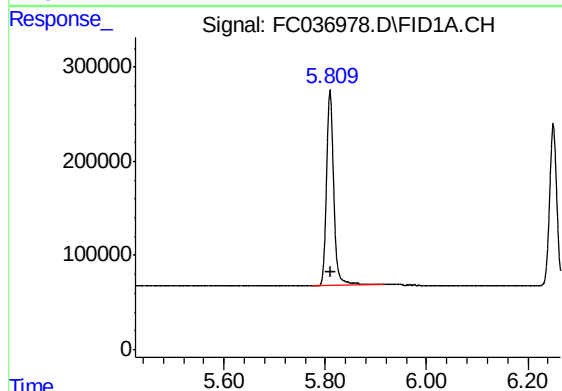
#1 n-Nonane (C9)

R.T.: 3.176 min
Delta R.T.: -0.002 min
Response: 1612948
Conc: 21.95 ug/ml



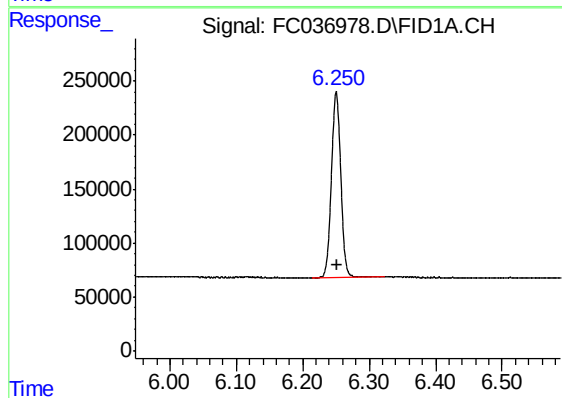
#2 n-Decane (C10)

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 1654359
Conc: 22.73 ug/ml



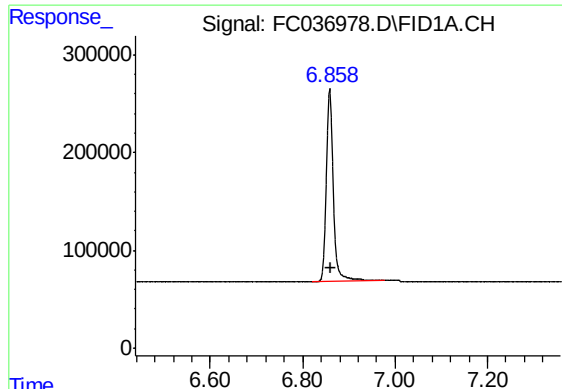
#3 A~Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 2046179
Conc: 24.53 ug/ml



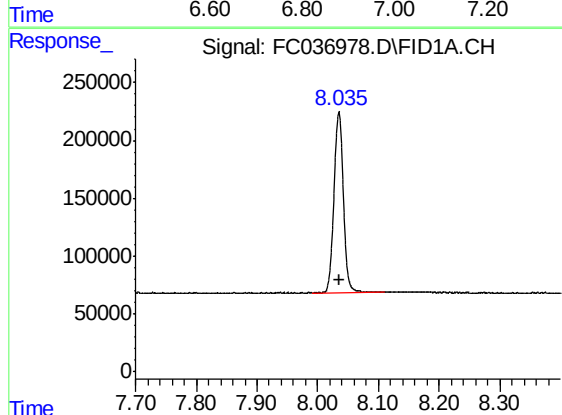
#4 n-Dodecane (C12)

R.T.: 6.251 min
Delta R.T.: -0.001 min
Response: 1682357
Conc: 23.29 ug/ml



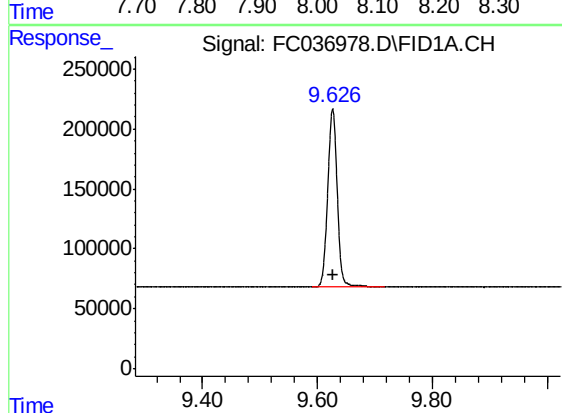
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.002 min
Response: 2090999
Conc: 25.25 ug/ml



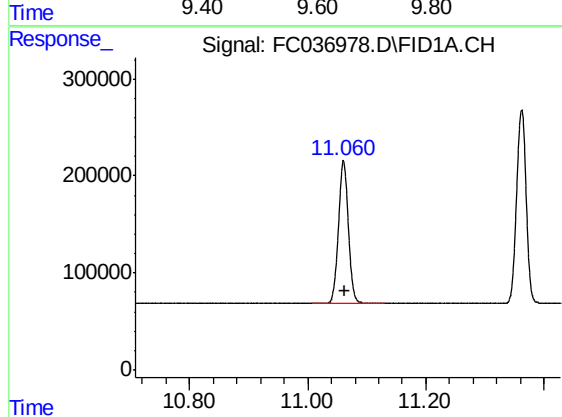
#6 n-Tetradecane (C14)

R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 1689036
Conc: 23.37 ug/ml



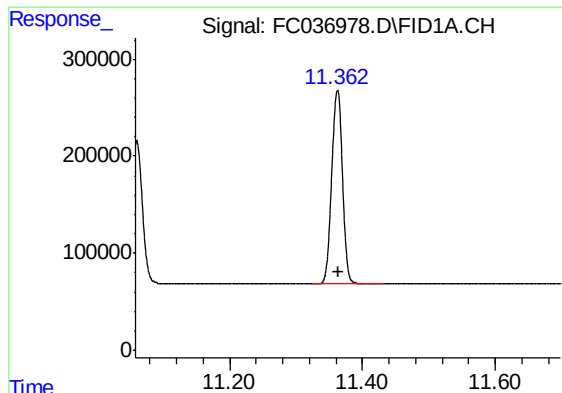
#7 n-Hexadecane (C16)

R.T.: 9.627 min
Delta R.T.: 0.000 min
Response: 1703638
Conc: 23.35 ug/ml



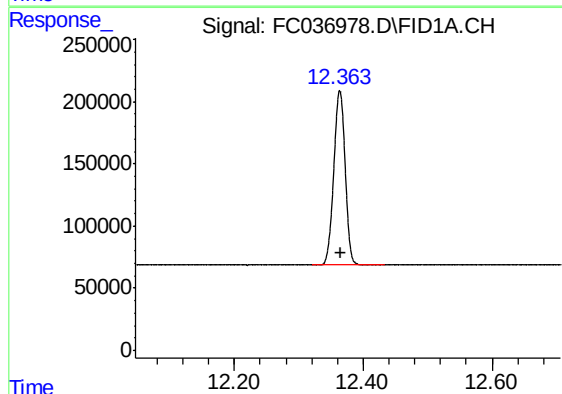
#8 n-Octadecane (C18)

R.T.: 11.061 min
Delta R.T.: -0.002 min
Response: 1718308
Conc: 23.33 ug/ml



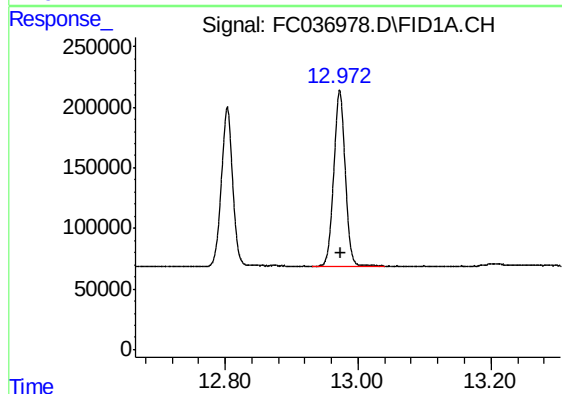
#9 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: -0.002 min
Response: 2255389
Conc: 25.42 ug/ml



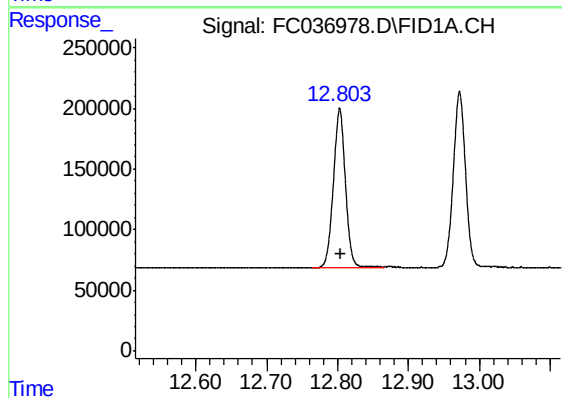
#10 n-Eicosane (C20)

R.T.: 12.364 min
Delta R.T.: -0.001 min
Response: 1735508
Conc: 23.74 ug/ml



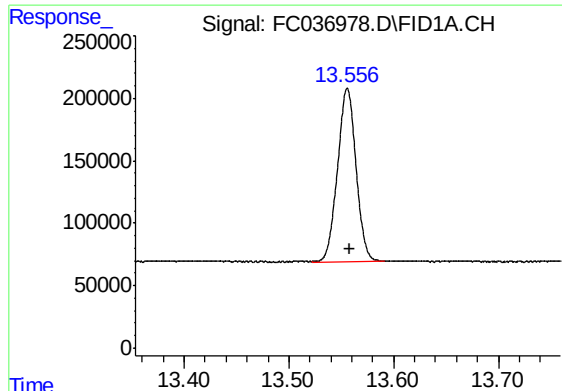
#11 n-Heneicosane (C21)

R.T.: 12.972 min
Delta R.T.: -0.002 min
Response: 1720501
Conc: 24.03 ug/ml



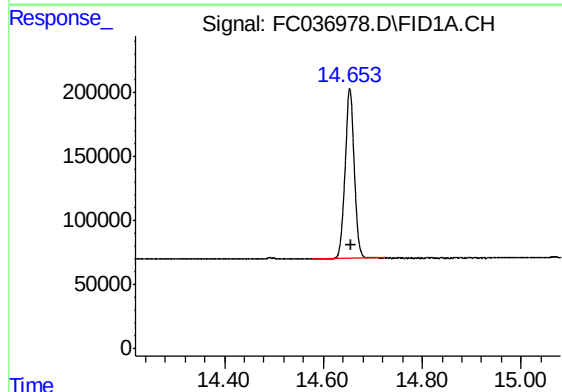
#12 1-chlorooctadecane (SURR)

R.T.: 12.803 min
Delta R.T.: -0.002 min
Response: 1530568
Conc: 24.09 ug/ml



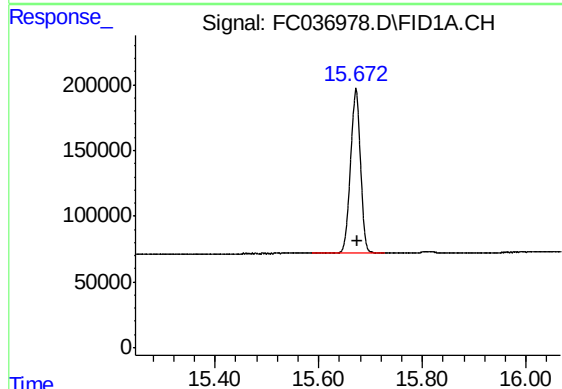
#13 n-Docosane (C22)

R.T.: 13.556 min
Delta R.T.: -0.003 min
Response: 1702221
Conc: 23.88 ug/ml m



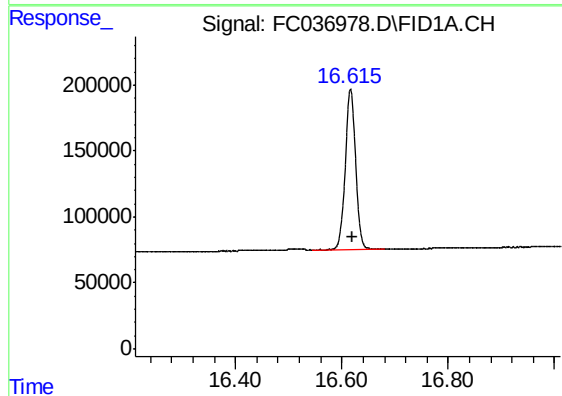
#14 n-Tetracosane (C24)

R.T.: 14.654 min
Delta R.T.: -0.003 min
Response: 1700791
Conc: 23.99 ug/ml



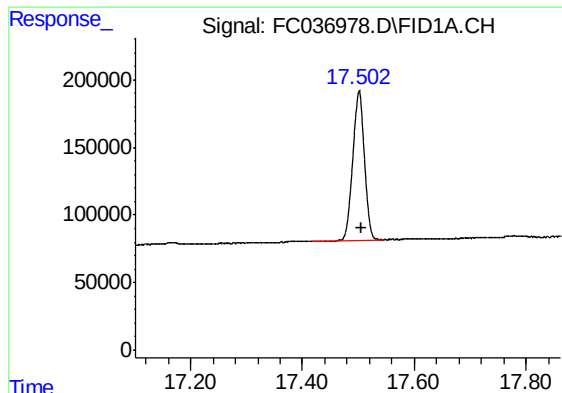
#15 n-Hexacosane (C26)

R.T.: 15.672 min
Delta R.T.: -0.002 min
Response: 1660440
Conc: 23.52 ug/ml



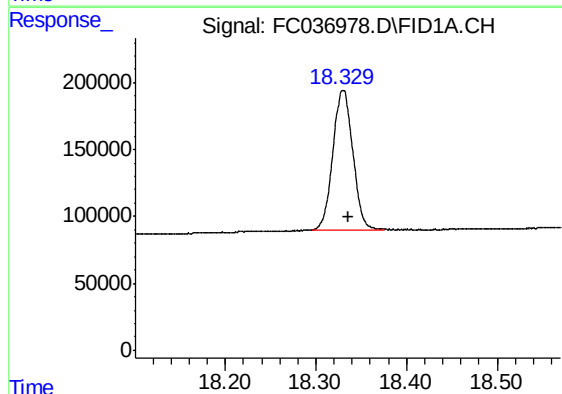
#16 n-Octacosane (C28)

R.T.: 16.616 min
Delta R.T.: -0.003 min
Response: 1638613
Conc: 22.96 ug/ml



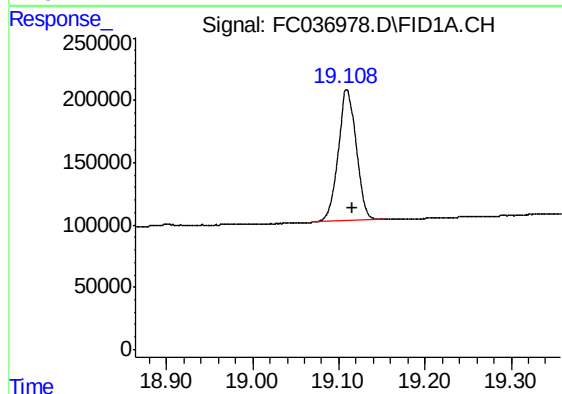
#17 n-Tricontane (C30)

R.T.: 17.501 min
Delta R.T.: -0.003 min
Response: 1587139
Conc: 20.90 ug/ml



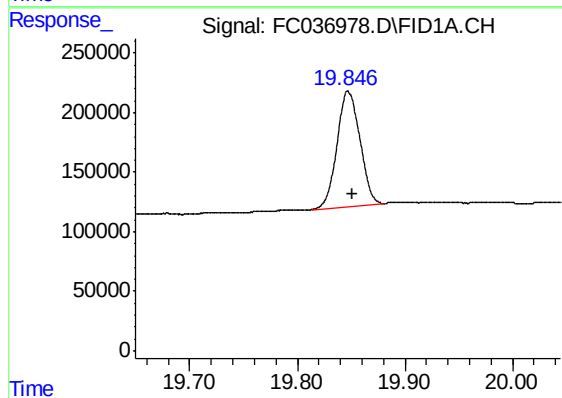
#18 n-Dotriacontane (C32)

R.T.: 18.329 min
Delta R.T.: -0.007 min
Response: 1602043
Conc: 19.98 ug/ml m



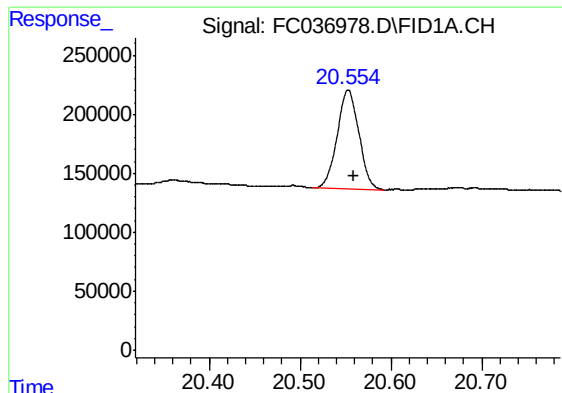
#19 n-Tetatriacontane (C34)

R.T.: 19.108 min
Delta R.T.: -0.007 min
Response: 1527815
Conc: 21.33 ug/ml m



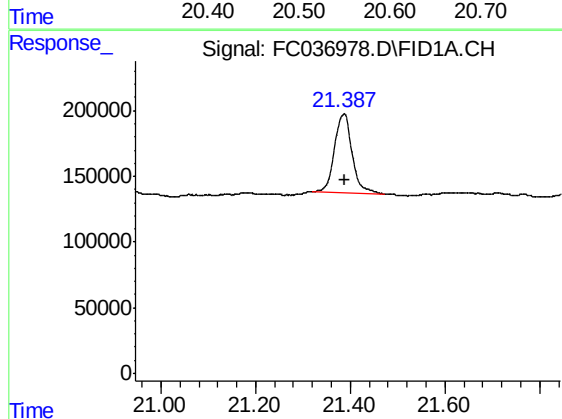
#20 n-Hexatriacontane (C36)

R.T.: 19.846 min
Delta R.T.: -0.006 min
Response: 1432779
Conc: 20.93 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.554 min
Delta R.T.: -0.005 min
Response: 1390672
Conc: 20.98 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.387 min
Delta R.T.: -0.002 min
Response: 1546696
Conc: 23.26 ug/ml m