

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC033019AL\
 Data File : FC040225.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2019 10:21
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 01 01:22:46 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	2698696	20.956 ug/ml
Spiked Amount 50.000		Recovery =	41.91%
12) S 1-chlorooctadecane (S...	12.457	2048358	20.737 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
Target Compounds			
1) T n-Nonane (C9)	2.856	1730555	20.968 ug/ml
2) T n-Decane (C10)	3.878	1813314	21.425 ug/ml
3) T A~Naphthalene (C11.7)	5.453	2167209	22.212 ug/ml
4) T n-Dodecane (C12)	5.874	1906560	22.073 ug/ml
5) T A~2-methylnaphthalene...	6.503	2232349	22.467 ug/ml
6) T n-Tetradecane (C14)	7.665	2009288	22.046 ug/ml
7) T n-Hexadecane (C16)	9.263	2057967	21.412 ug/ml
8) T n-Octadecane (C18)	10.704	2066025	20.596 ug/ml
10) T n-Eicosane (C20)	12.011	2069162	20.332 ug/ml
11) T n-Heneicosane (C21)	12.622	2051256	20.341 ug/ml
13) T n-Docosane (C22)	13.208	2043594	20.330 ug/ml
14) T n-Tetracosane (C24)	14.309	2040914	20.499 ug/ml
15) T n-Hexacosane (C26)	15.329	2043327	20.871 ug/ml
16) T n-Octacosane (C28)	16.278	2083253	21.236 ug/ml
17) T n-Tricontane (C30)	17.165	2111836	21.582 ug/ml
18) T n-Dotriacontane (C32)	17.997	2057365	21.258 ug/ml
19) T n-Tetratriacontane (C34)	18.815	1802109	21.497 ug/ml
20) T n-Hexatriacontane (C36)	19.842	1580116	21.461 ug/ml
21) T n-Octatriacontane (C38)	21.231	1457068	21.087 ug/ml
22) T n-Tetracontane (C40)	23.155	1408541	20.779 ug/ml

(f)=RT Delta > 1/2 Window

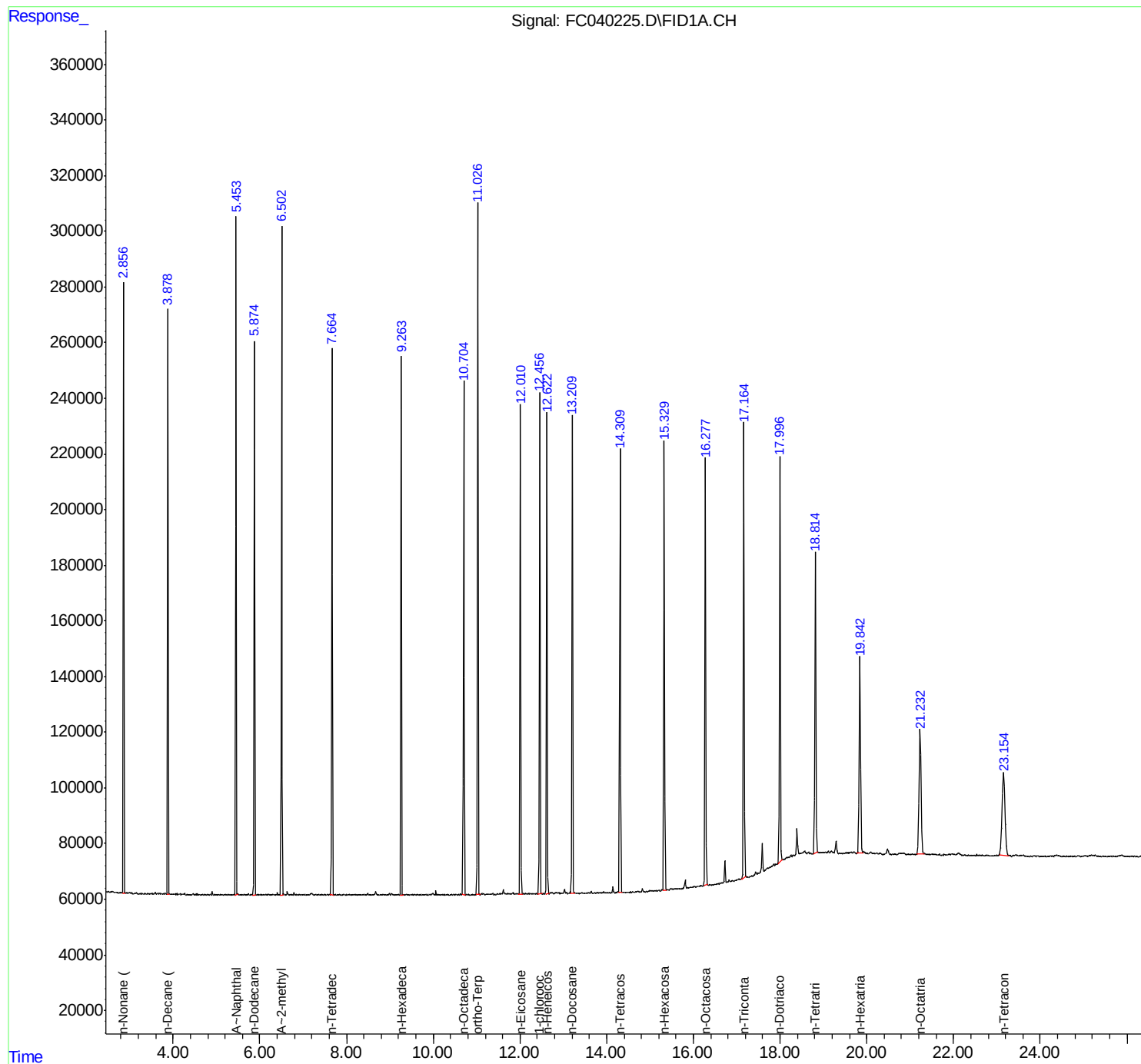
(m)=manual int.

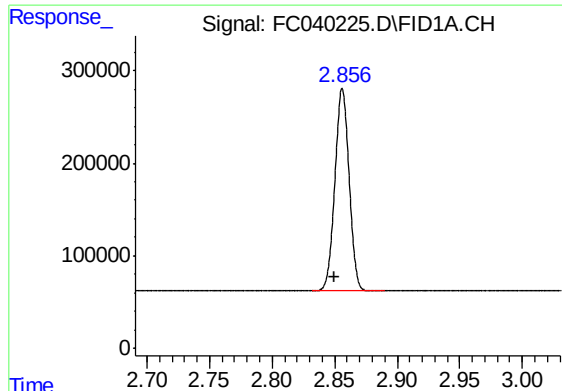
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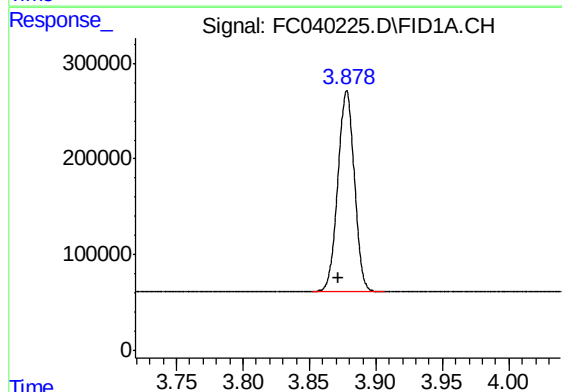




#1 n-Nonane (C9)

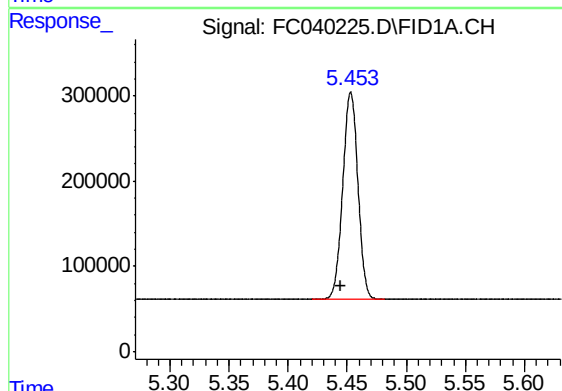
R.T.: 2.856 min
Delta R.T.: 0.006 min
Response: 1730555
Conc: 20.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



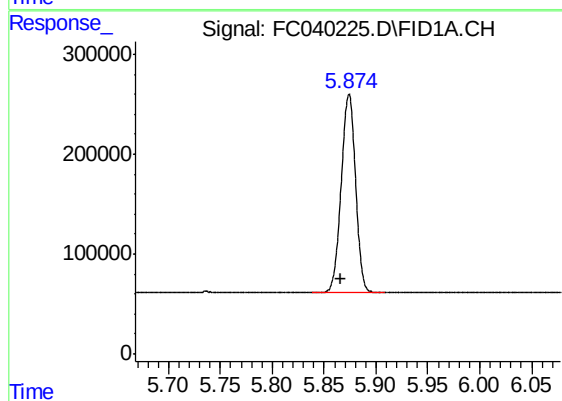
#2 n-Decane (C10)

R.T.: 3.878 min
Delta R.T.: 0.006 min
Response: 1813314
Conc: 21.43 ug/ml



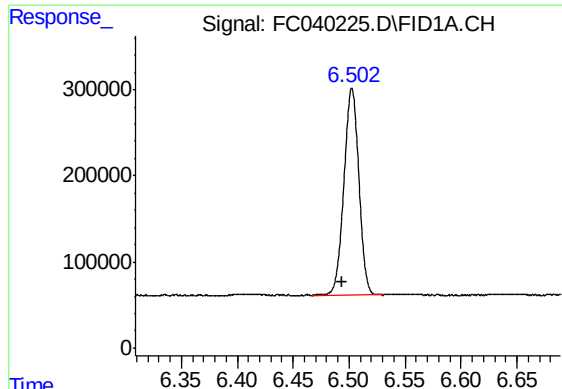
#3 A-Naphthalene (C11.7)

R.T.: 5.453 min
Delta R.T.: 0.009 min
Response: 2167209
Conc: 22.21 ug/ml



#4 n-Dodecane (C12)

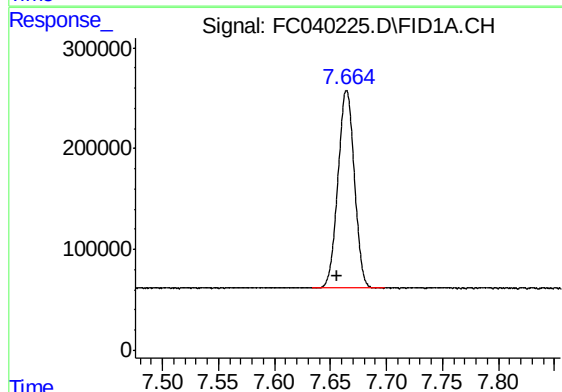
R.T.: 5.874 min
Delta R.T.: 0.008 min
Response: 1906560
Conc: 22.07 ug/ml



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

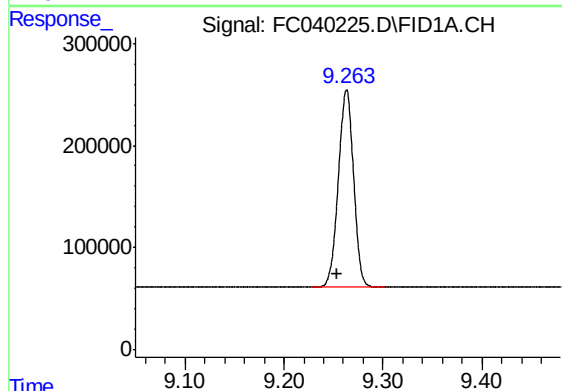
R.T.: 6.503 min
Delta R.T.: 0.009 min
Response: 2232349
Conc: 22.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



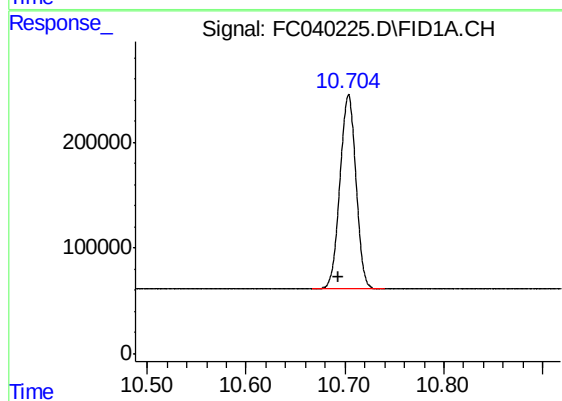
#6 n-Tetradecane (C14)

R.T.: 7.665 min
Delta R.T.: 0.008 min
Response: 2009288
Conc: 22.05 ug/ml



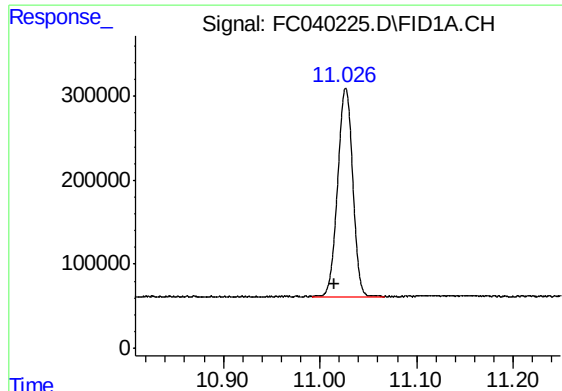
#7 n-Hexadecane (C16)

R.T.: 9.263 min
Delta R.T.: 0.010 min
Response: 2057967
Conc: 21.41 ug/ml



#8 n-Octadecane (C18)

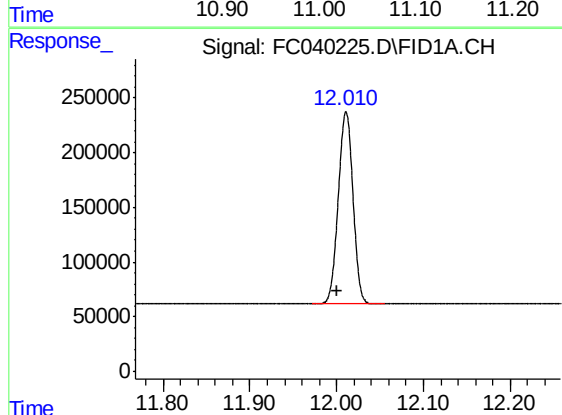
R.T.: 10.704 min
Delta R.T.: 0.011 min
Response: 2066025
Conc: 20.60 ug/ml



#9 ortho-Terphenyl (SURR)

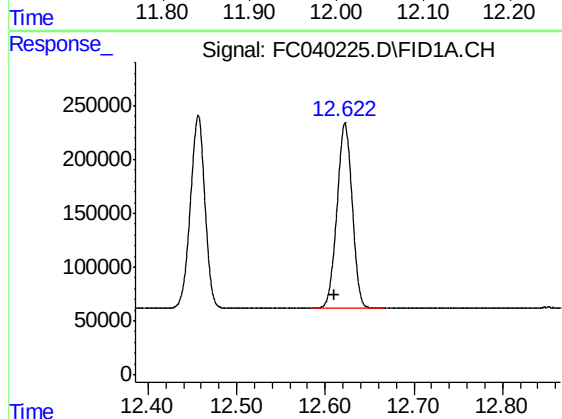
R.T.: 11.027 min
Delta R.T.: 0.011 min
Response: 2698696
Conc: 20.96 ug/ml

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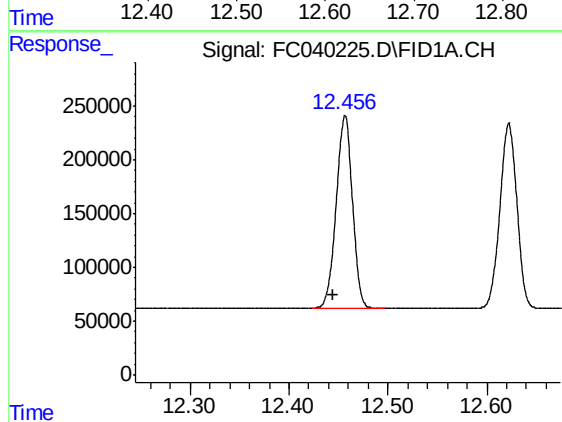
#10 n-Eicosane (C20)

R.T.: 12.011 min
Delta R.T.: 0.011 min
Response: 2069162
Conc: 20.33 ug/ml



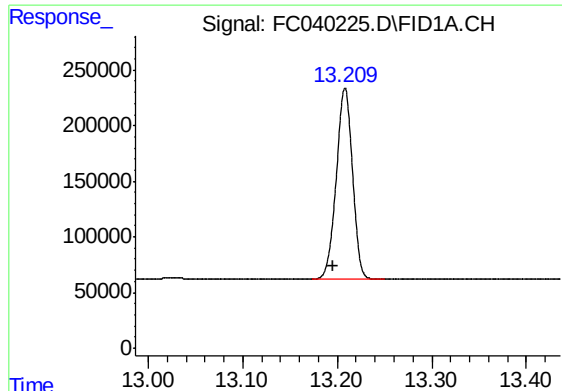
#11 n-Heneicosane (C21)

R.T.: 12.622 min
Delta R.T.: 0.012 min
Response: 2051256
Conc: 20.34 ug/ml



#12 1-chlorooctadecane (SURR)

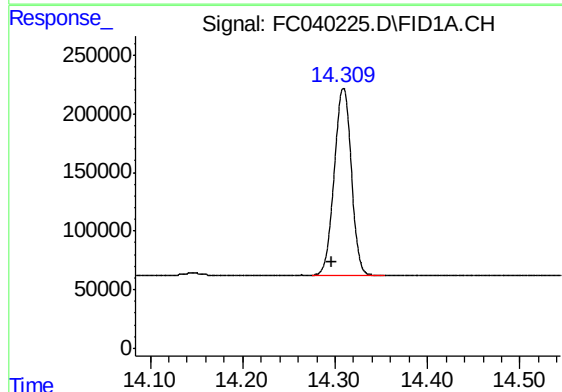
R.T.: 12.457 min
Delta R.T.: 0.012 min
Response: 2048358
Conc: 20.74 ug/ml



#13 n-Docosane (C22)

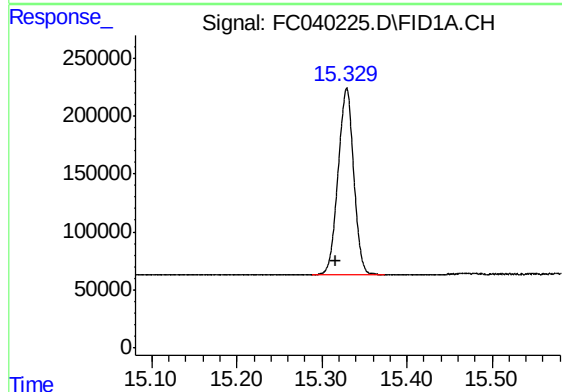
R.T.: 13.208 min
Delta R.T.: 0.013 min
Response: 2043594
Conc: 20.33 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



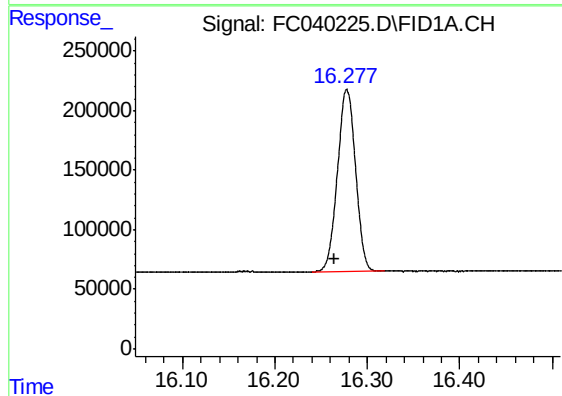
#14 n-Tetracosane (C24)

R.T.: 14.309 min
Delta R.T.: 0.013 min
Response: 2040914
Conc: 20.50 ug/ml



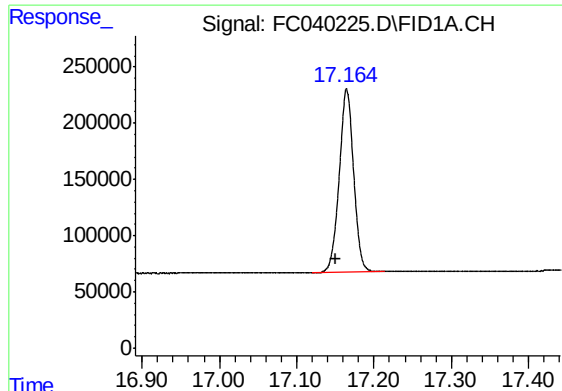
#15 n-Hexacosane (C26)

R.T.: 15.329 min
Delta R.T.: 0.013 min
Response: 2043327
Conc: 20.87 ug/ml



#16 n-Octacosane (C28)

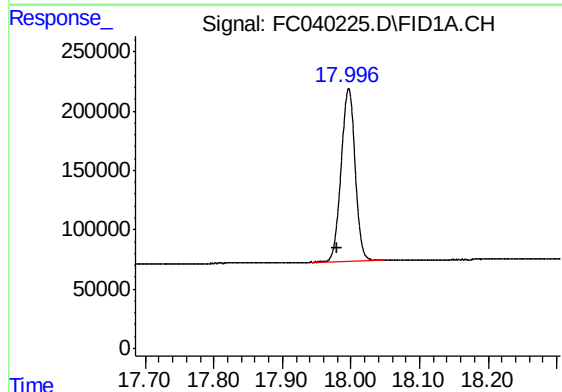
R.T.: 16.278 min
Delta R.T.: 0.014 min
Response: 2083253
Conc: 21.24 ug/ml



#17 n-Tricontane (C30)

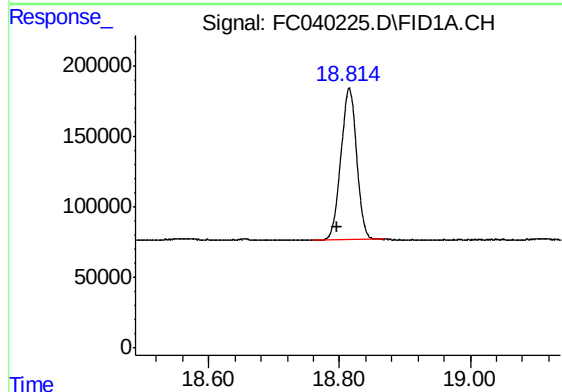
R.T.: 17.165 min
Delta R.T.: 0.015 min
Response: 2111836
Conc: 21.58 ug/ml

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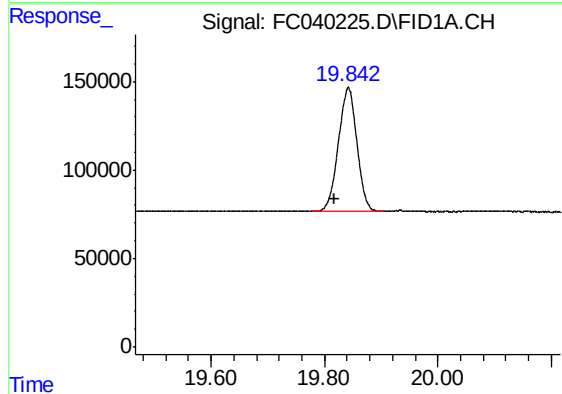
#18 n-Dotriacontane (C32)

R.T.: 17.997 min
Delta R.T.: 0.017 min
Response: 2057365
Conc: 21.26 ug/ml



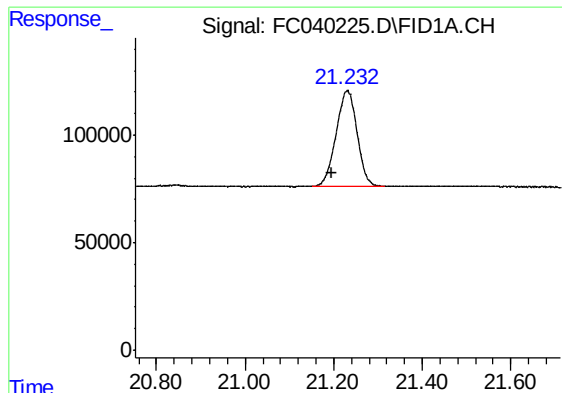
#19 n-Tetatriacontane (C34)

R.T.: 18.815 min
Delta R.T.: 0.019 min
Response: 1802109
Conc: 21.50 ug/ml



#20 n-Hexatriacontane (C36)

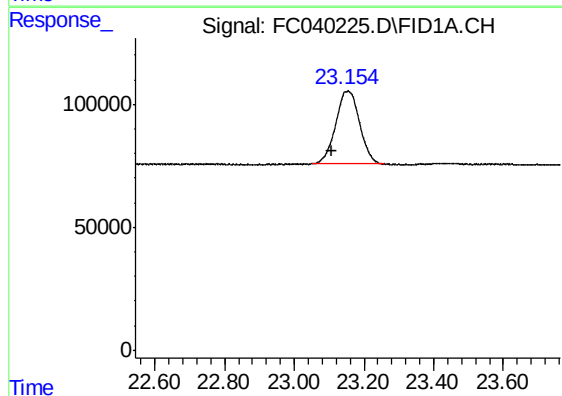
R.T.: 19.842 min
Delta R.T.: 0.024 min
Response: 1580116
Conc: 21.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.231 min
Delta R.T.: 0.035 min
Response: 1457068
Conc: 21.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 23.155 min
Delta R.T.: 0.048 min
Response: 1408541
Conc: 20.78 ug/ml