

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032319AL\
 Data File : FC040068.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2019 15:45
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Mar 25 01:02:49 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)	11.015	2554289	19.835 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
12) S 1-chlorooctadecane (S...	12.444	1967165	19.915 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T n-Nonane (C9)	2.849	1633655	19.794 ug/ml
2) T n-Decane (C10)	3.870	1664890	19.671 ug/ml
3) T A-Naphthalene (C11.7)	5.443	1909673	19.573 ug/ml
4) T n-Dodecane (C12)	5.865	1690697	19.574 ug/ml
5) T A~2-methylnaphthalene...	6.492	1939498	19.519 ug/ml
6) T n-Tetradecane (C14)	7.655	1780691	19.537 ug/ml
7) T n-Hexadecane (C16)	9.253	1883098	19.592 ug/ml
8) T n-Octadecane (C18)	10.693	1989021	19.828 ug/ml
10) T n-Eicosane (C20)	11.999	2033766	19.984 ug/ml
11) T n-Heneicosane (C21)	12.610	2017047	20.002 ug/ml
13) T n-Docosane (C22)	13.195	2013490	20.031 ug/ml
14) T n-Tetracosane (C24)	14.297	1972701	19.814 ug/ml
15) T n-Hexacosane (C26)	15.315	1937002	19.785 ug/ml
16) T n-Octacosane (C28)	16.263	1955861	19.938 ug/ml
17) T n-Tricontane (C30)	17.150	1991872	20.356 ug/ml
18) T n-Dotriacontane (C32)	17.982	1993036	20.594 ug/ml
19) T n-Tetratriacontane (C34)	18.795	1705841	20.349 ug/ml
20) T n-Hexatriacontane (C36)	19.814	1480566	20.109 ug/ml
21) T n-Octatriacontane (C38)	21.190	1381352	19.991 ug/ml
22) T n-Tetracontane (C40)	23.097	1347070	19.872 ug/ml

(f)=RT Delta > 1/2 Window

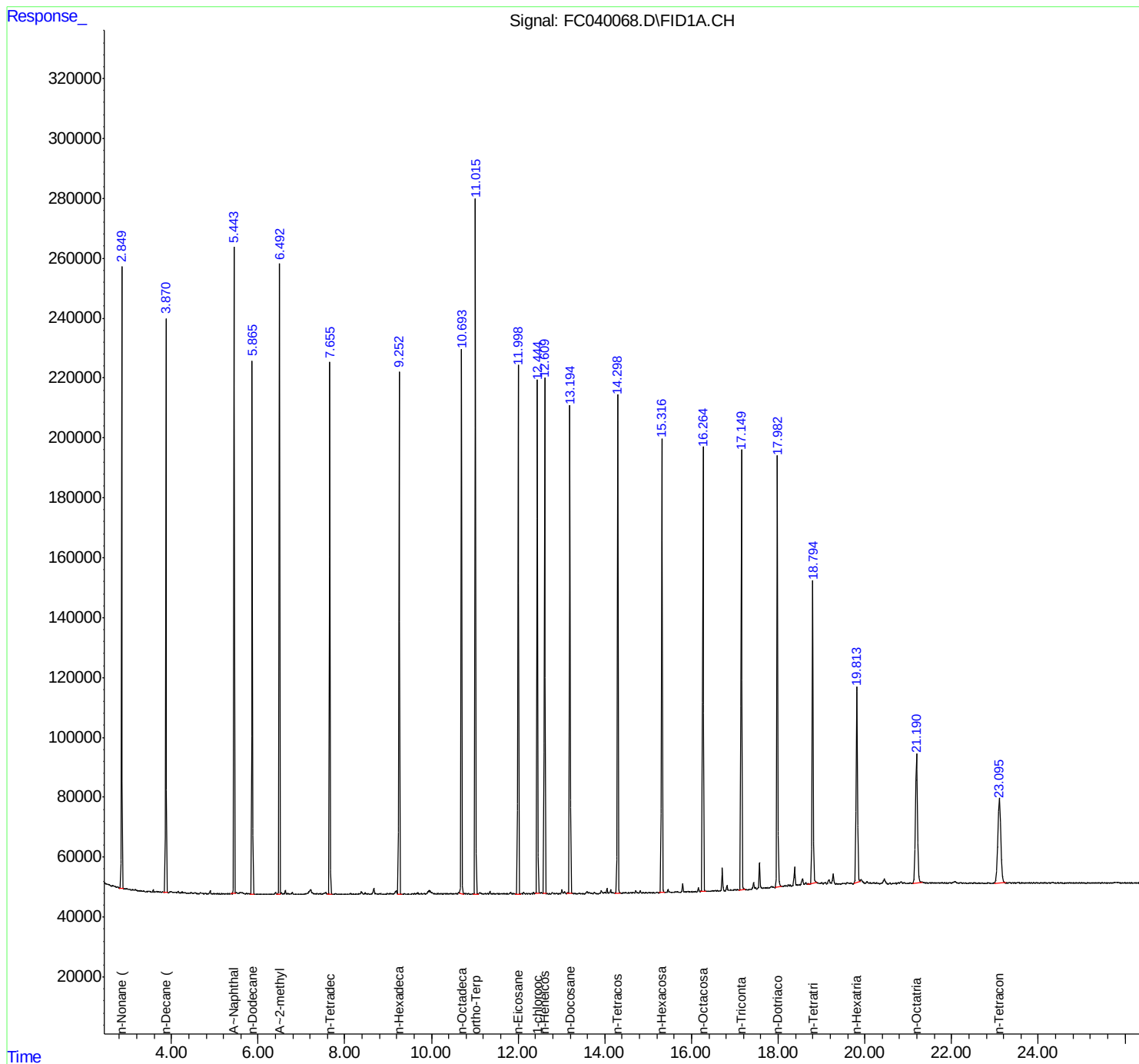
(m)=manual int.

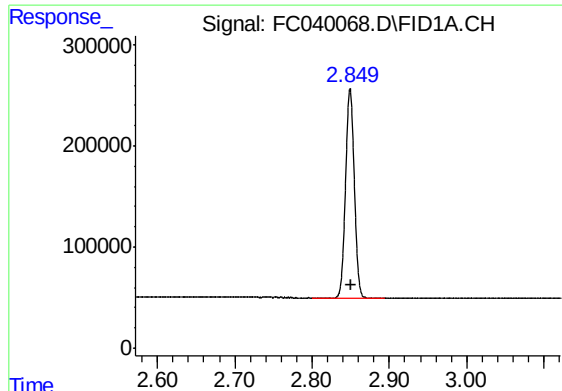
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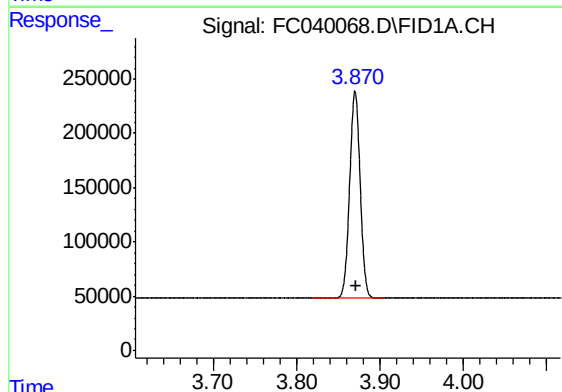




#1 n-Nonane (C9)

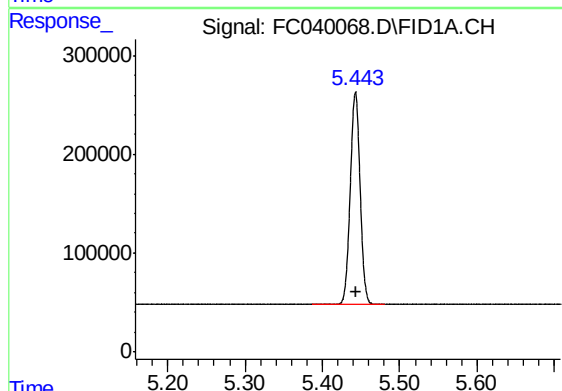
R.T.: 2.849 min
Delta R.T.: 0.000 min
Response: 1633655
Conc: 19.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



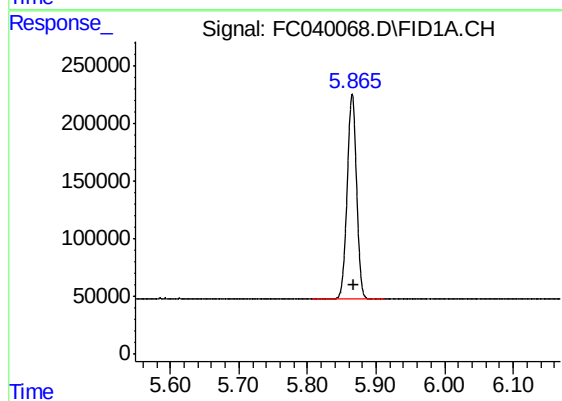
#2 n-Decane (C10)

R.T.: 3.870 min
Delta R.T.: -0.002 min
Response: 1664890
Conc: 19.67 ug/ml



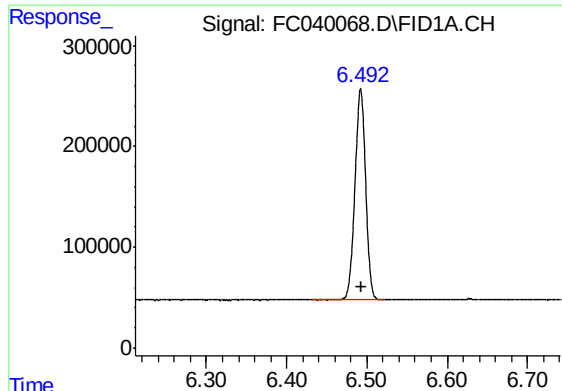
#3 A~Naphthalene (C11.7)

R.T.: 5.443 min
Delta R.T.: -0.002 min
Response: 1909673
Conc: 19.57 ug/ml



#4 n-Dodecane (C12)

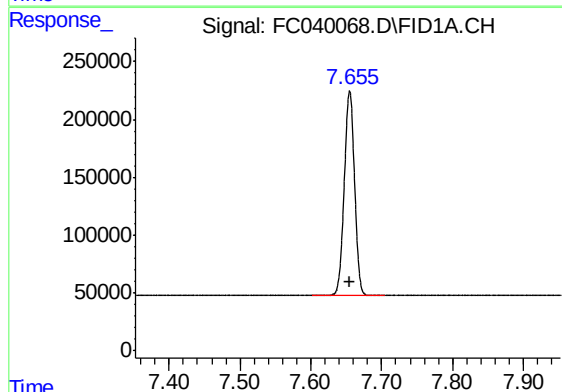
R.T.: 5.865 min
Delta R.T.: -0.001 min
Response: 1690697
Conc: 19.57 ug/ml



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

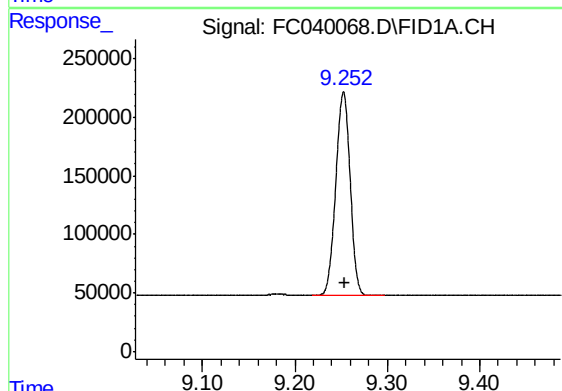
R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 1939498
Conc: 19.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



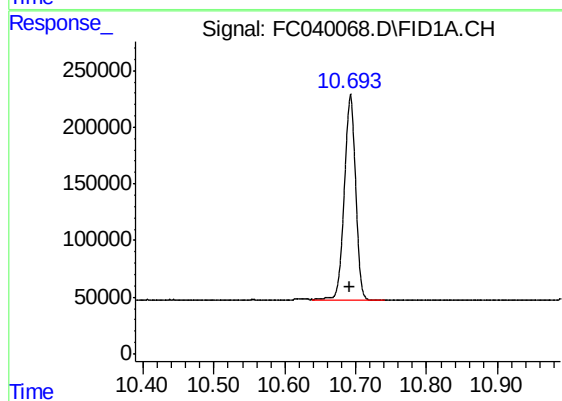
#6 n-Tetradecane (C14)

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 1780691
Conc: 19.54 ug/ml



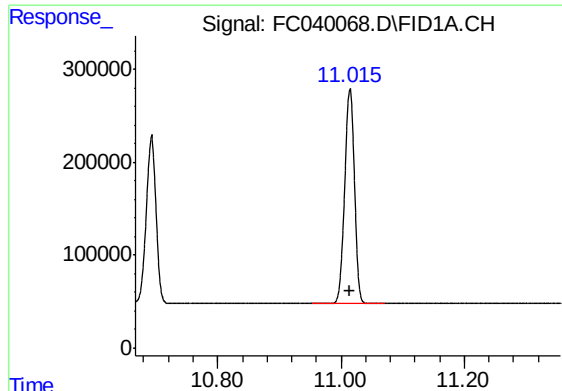
#7 n-Hexadecane (C16)

R.T.: 9.253 min
Delta R.T.: -0.001 min
Response: 1883098
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

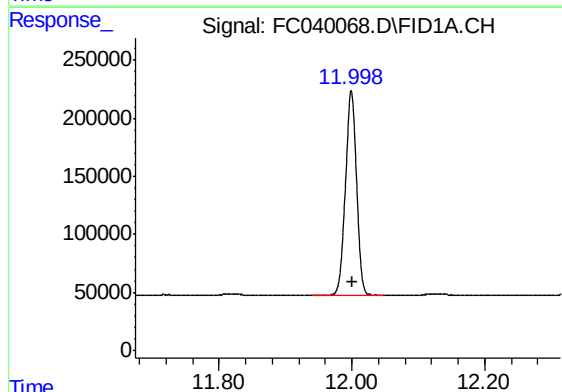
R.T.: 10.693 min
Delta R.T.: 0.000 min
Response: 1989021
Conc: 19.83 ug/ml



#9 ortho-Terphenyl (SURR)

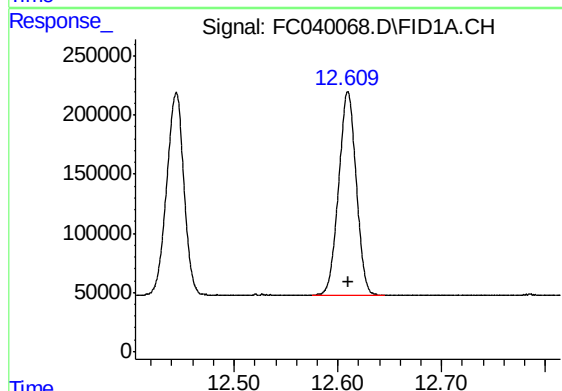
R.T.: 11.015 min
Delta R.T.: 0.000 min
Response: 2554289
Conc: 19.83 ug/ml

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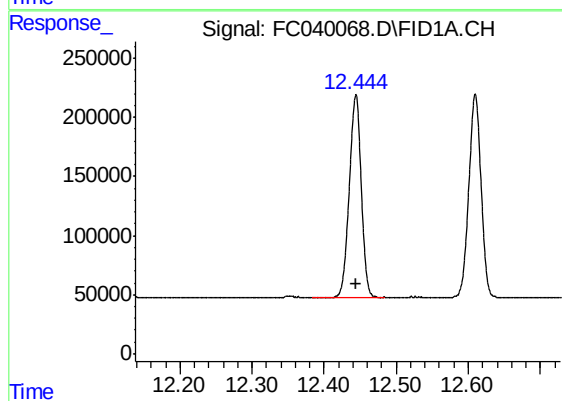
#10 n-Eicosane (C20)

R.T.: 11.999 min
Delta R.T.: 0.000 min
Response: 2033766
Conc: 19.98 ug/ml



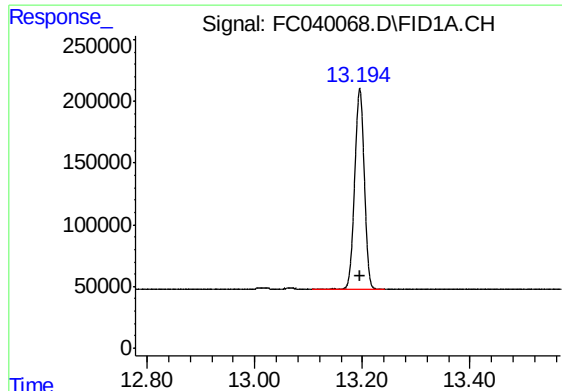
#11 n-Heneicosane (C21)

R.T.: 12.610 min
Delta R.T.: 0.000 min
Response: 2017047
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

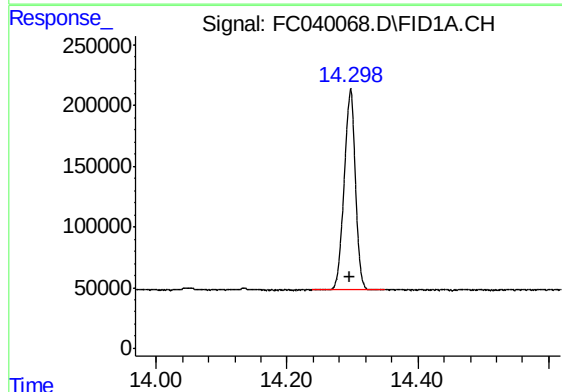
R.T.: 12.444 min
Delta R.T.: 0.000 min
Response: 1967165
Conc: 19.91 ug/ml



#13 n-Docosane (C22)

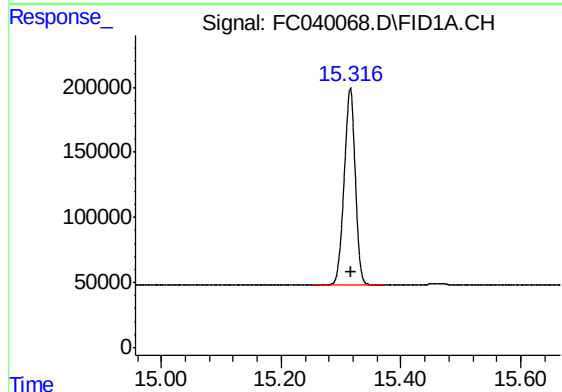
R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 2013490
Conc: 20.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



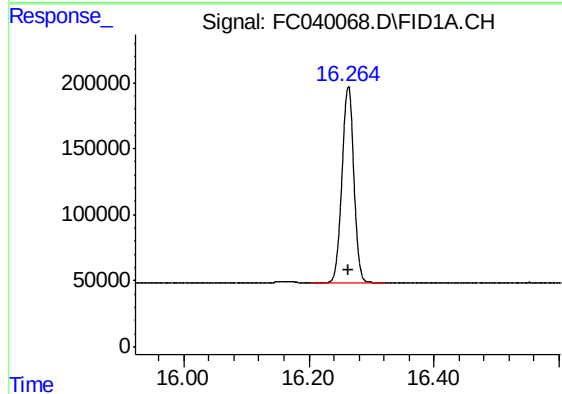
#14 n-Tetracosane (C24)

R.T.: 14.297 min
Delta R.T.: 0.000 min
Response: 1972701
Conc: 19.81 ug/ml



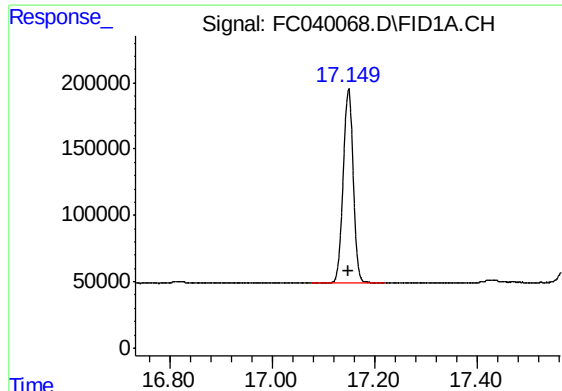
#15 n-Hexacosane (C26)

R.T.: 15.315 min
Delta R.T.: 0.000 min
Response: 1937002
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

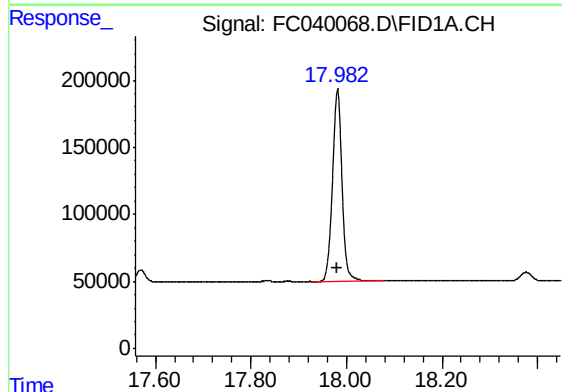
R.T.: 16.263 min
Delta R.T.: 0.000 min
Response: 1955861
Conc: 19.94 ug/ml



#17 n-Tricontane (C30)

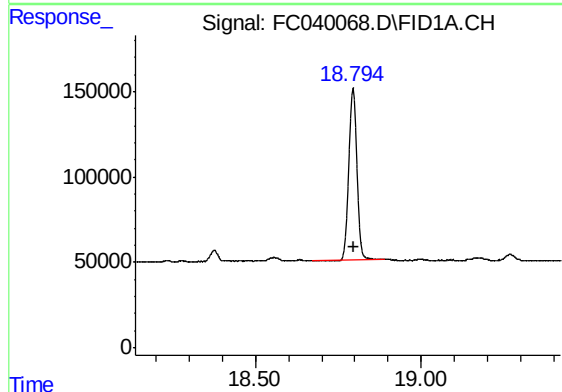
R.T.: 17.150 min
Delta R.T.: 0.000 min
Response: 1991872
Conc: 20.36 ug/ml

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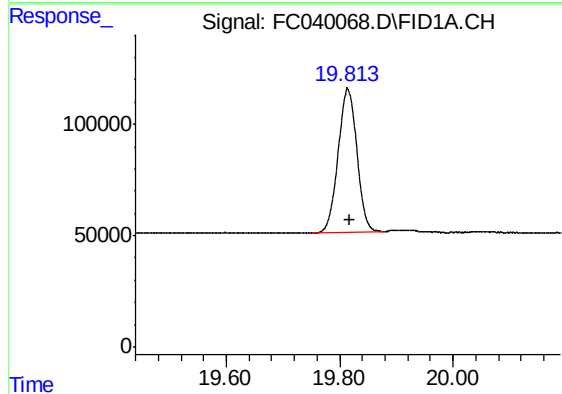
#18 n-Dotriacontane (C32)

R.T.: 17.982 min
Delta R.T.: 0.002 min
Response: 1993036
Conc: 20.59 ug/ml



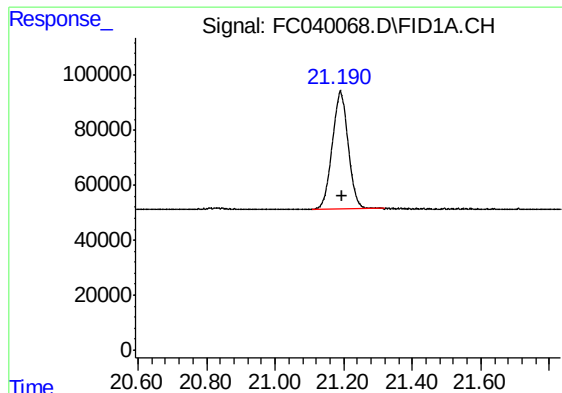
#19 n-Tetratriacontane (C34)

R.T.: 18.795 min
Delta R.T.: 0.000 min
Response: 1705841
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

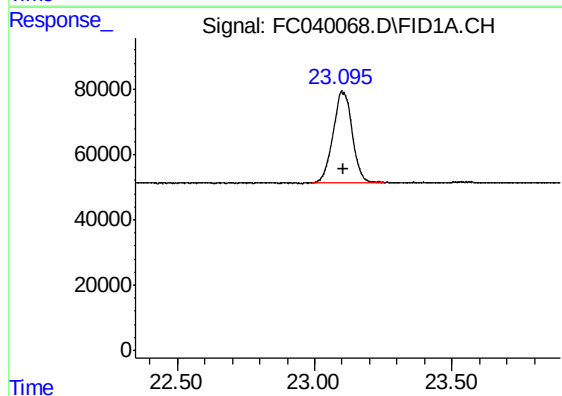
R.T.: 19.814 min
Delta R.T.: -0.004 min
Response: 1480566
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.006 min
Response: 1381352
Conc: 19.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 23.097 min
Delta R.T.: -0.009 min
Response: 1347070
Conc: 19.87 ug/ml