

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022219AL\
 Data File : FC039359.D
 Signal(s) : FID1A.CH
 Acq On : 22 Feb 2019 16:15
 Operator : AJ\SJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Feb 23 01:30:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 23 01:28:09 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)	11.177	1685382	9.888 ug/ml
Spiked Amount 50.000		Recovery =	19.78%
12) S 1-chlorooctadecane (S...	12.621	1260629	9.856 ug/ml
Spiked Amount 50.000		Recovery =	19.71%
Target Compounds			
1) T n-Nonane (C9)	3.045	1209151	10.412 ug/ml
2) T n-Decane (C10)	4.093	1210225	10.299 ug/ml
3) T A~Naphthalene (C11.7)	5.648	1273688	9.955 ug/ml
4) T n-Dodecane (C12)	6.090	1244178	10.342 ug/ml
5) T A~2-methylnaphthalene...	6.694	1281235	10.107 ug/ml
6) T n-Tetradecane (C14)	7.868	1291167	10.273 ug/ml
7) T n-Hexadecane (C16)	9.455	1317071	10.155 ug/ml
8) T n-Octadecane (C18)	10.884	1372424	10.217 ug/ml
10) T n-Eicosane (C20)	12.185	1310680	9.949 ug/ml
11) T n-Heneicosane (C21)	12.791	1274577	9.957 ug/ml
13) T n-Docosane (C22)	13.374	1254258	9.881 ug/ml
14) T n-Tetracosane (C24)	14.471	1251899	10.094 ug/ml
15) T n-Hexacosane (C26)	15.485	1261430	10.524 ug/ml
16) T n-Octacosane (C28)	16.430	1375541	11.063 ug/ml
17) T n-Tricontane (C30)	17.312	1551745	11.761 ug/ml
18) T n-Dotriacontane (C32)	18.140	1399002	11.569 ug/ml
19) T n-Tetratriacontane (C34)	18.920	1158440	11.206 ug/ml
20) T n-Hexatriacontane (C36)	19.656	970115	10.887 ug/ml
21) T n-Octatriacontane (C38)	20.353	908160	10.867 ug/ml
22) T n-Tetracontane (C40)	21.119	907768	10.880 ug/ml

(f)=RT Delta > 1/2 Window

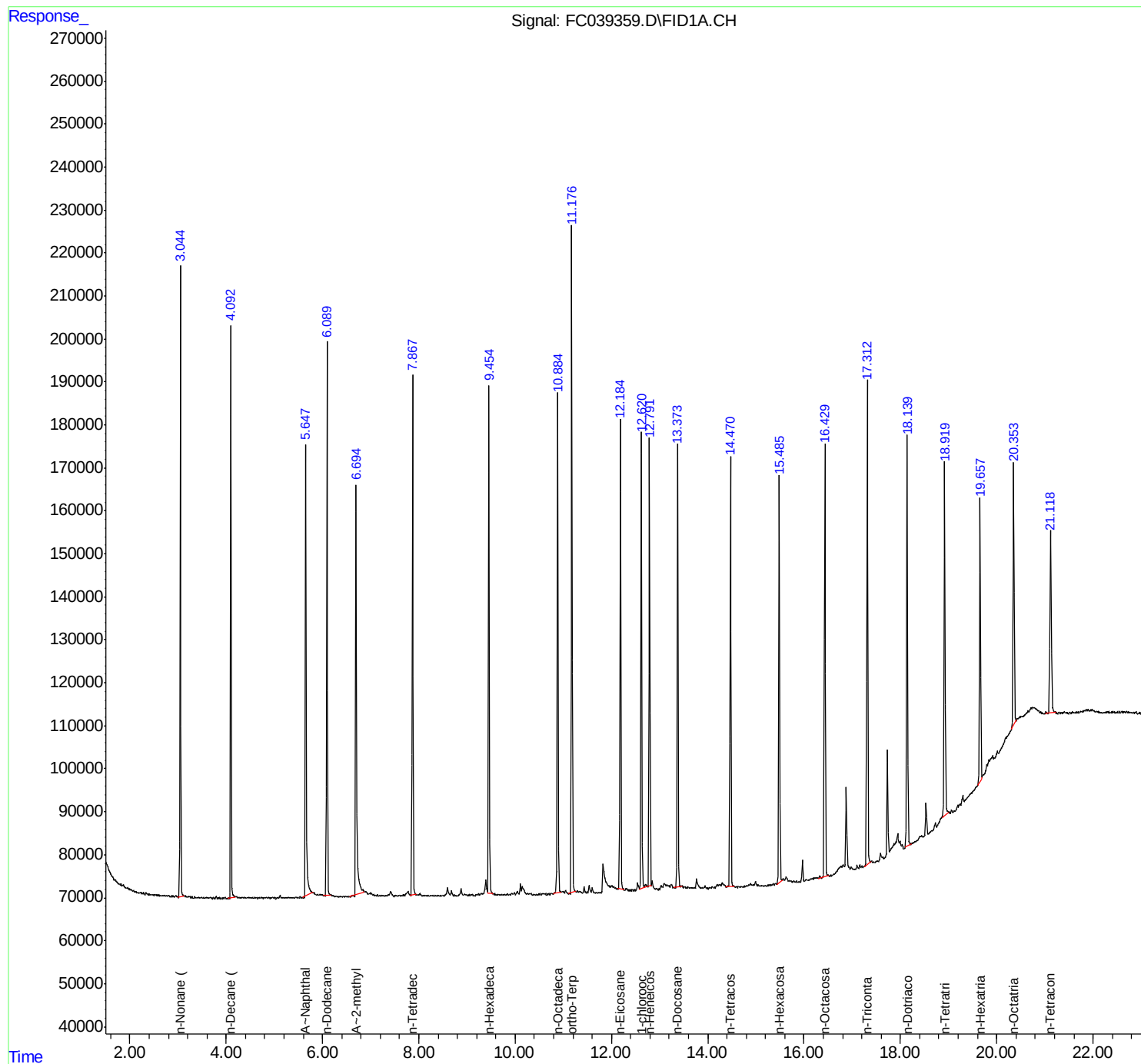
(m)=manual int.

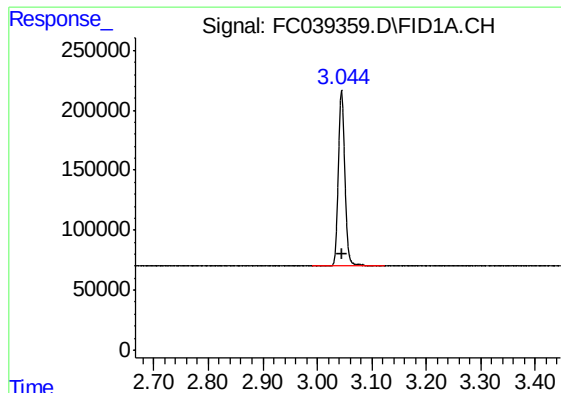
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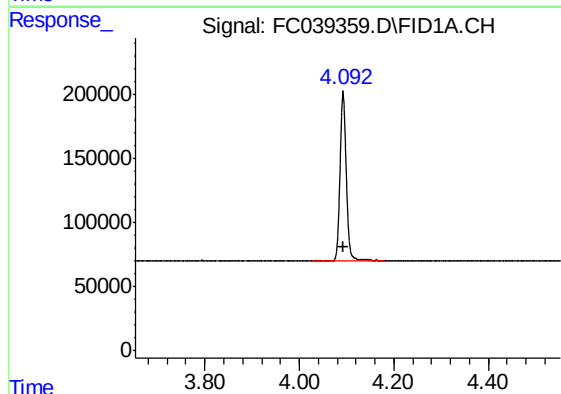




#1 n-Nonane (C9)

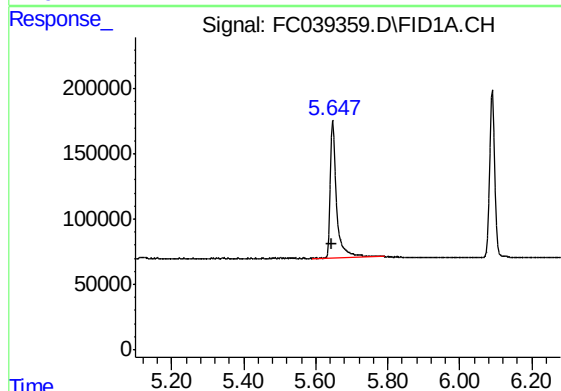
R.T.: 3.045 min
Delta R.T.: 0.000 min
Response: 1209151
Conc: 10.41 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



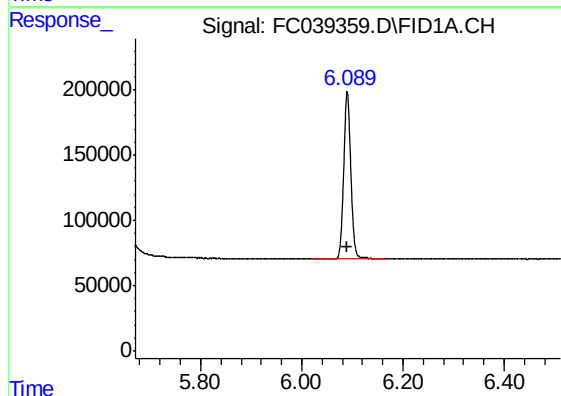
#2 n-Decane (C10)

R.T.: 4.093 min
Delta R.T.: 0.000 min
Response: 1210225
Conc: 10.30 ug/ml



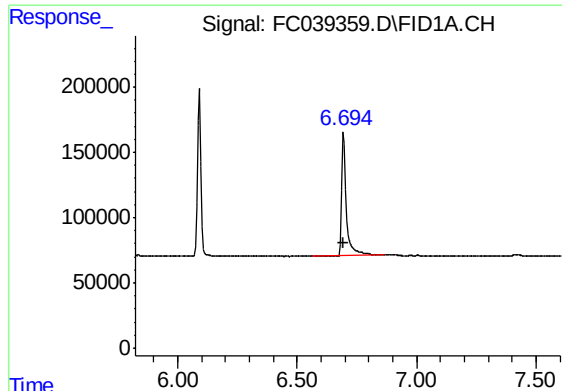
#3 A-Naphthalene (C11.7)

R.T.: 5.648 min
Delta R.T.: 0.002 min
Response: 1273688
Conc: 9.96 ug/ml



#4 n-Dodecane (C12)

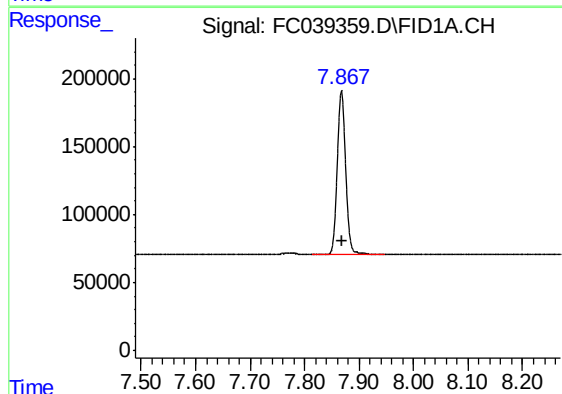
R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 1244178
Conc: 10.34 ug/ml



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

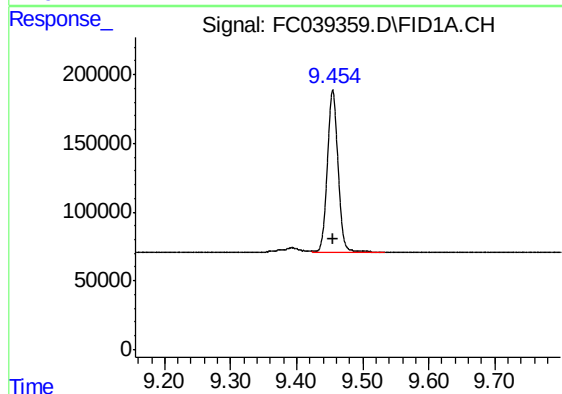
R.T.: 6.694 min
Delta R.T.: 0.002 min
Response: 1281235
Conc: 10.11 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



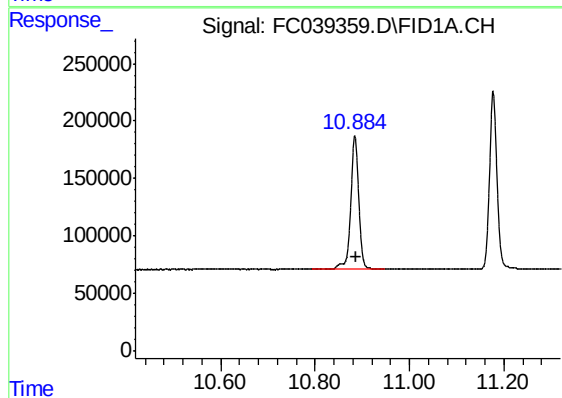
#6 n-Tetradecane (C14)

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 1291167
Conc: 10.27 ug/ml



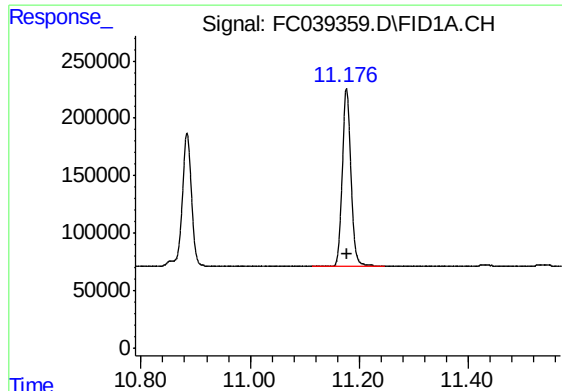
#7 n-Hexadecane (C16)

R.T.: 9.455 min
Delta R.T.: -0.001 min
Response: 1317071
Conc: 10.15 ug/ml



#8 n-Octadecane (C18)

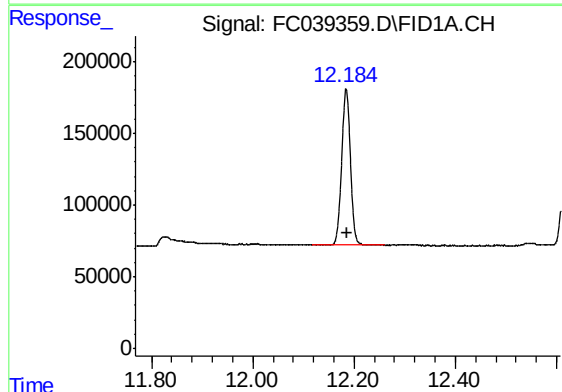
R.T.: 10.884 min
Delta R.T.: -0.001 min
Response: 1372424
Conc: 10.22 ug/ml



#9 ortho-Terphenyl (SURR)

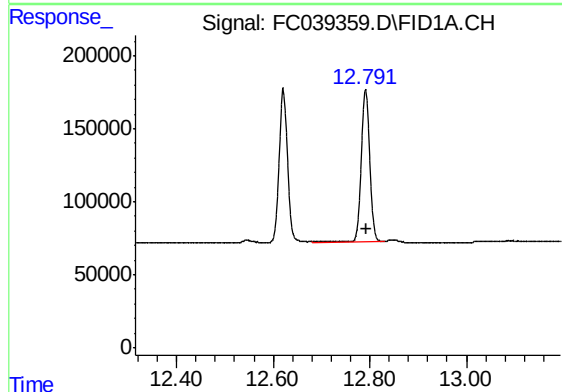
R.T.: 11.177 min
Delta R.T.: -0.002 min
Response: 1685382
Conc: 9.89 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



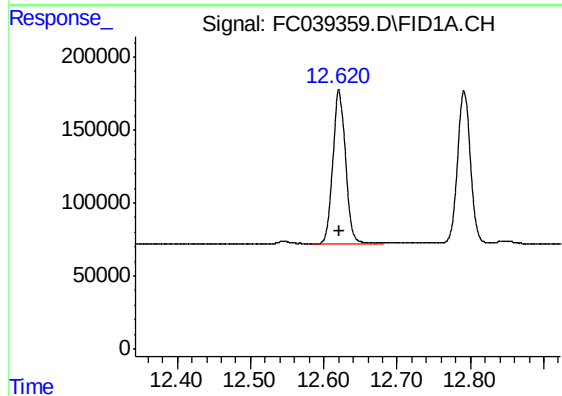
#10 n-Eicosane (C20)

R.T.: 12.185 min
Delta R.T.: 0.000 min
Response: 1310680
Conc: 9.95 ug/ml



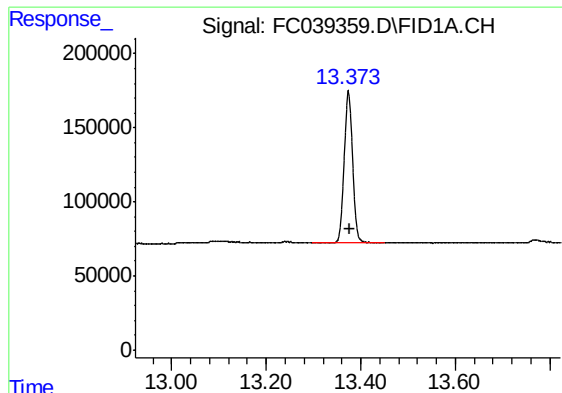
#11 n-Heneicosane (C21)

R.T.: 12.791 min
Delta R.T.: -0.002 min
Response: 1274577
Conc: 9.96 ug/ml



#12 1-chlorooctadecane (SURR)

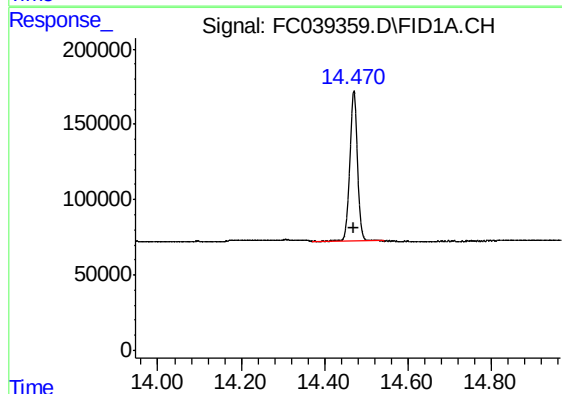
R.T.: 12.621 min
Delta R.T.: 0.000 min
Response: 1260629
Conc: 9.86 ug/ml



#13 n-Docosane (C22)

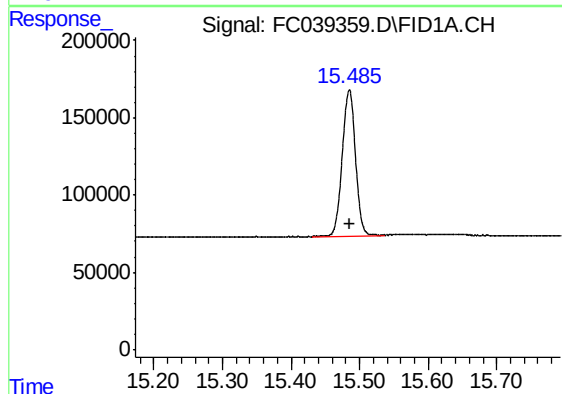
R.T.: 13.374 min
Delta R.T.: -0.002 min
Response: 1254258
Conc: 9.88 ug/ml

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10 PPM ALIPHATIC HC STD4



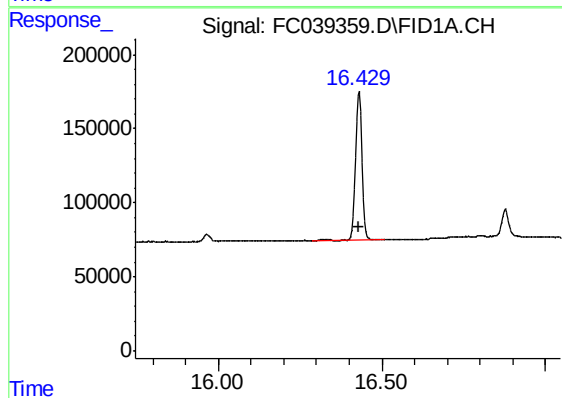
#14 n-Tetracosane (C24)

R.T.: 14.471 min
Delta R.T.: 0.000 min
Response: 1251899
Conc: 10.09 ug/ml



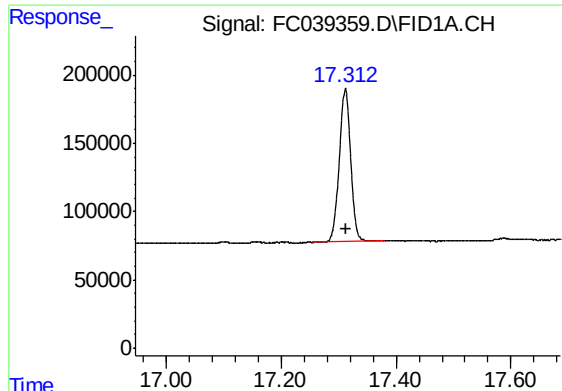
#15 n-Hexacosane (C26)

R.T.: 15.485 min
Delta R.T.: -0.001 min
Response: 1261430
Conc: 10.52 ug/ml



#16 n-Octacosane (C28)

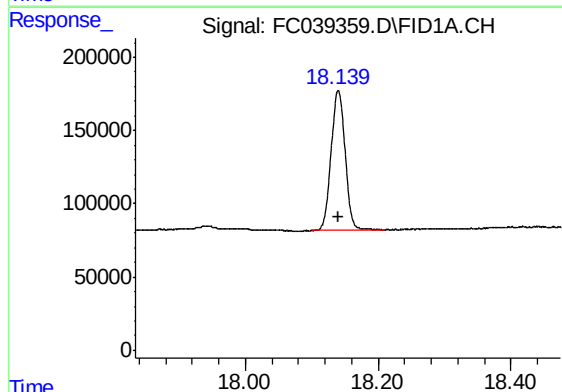
R.T.: 16.430 min
Delta R.T.: 0.000 min
Response: 1375541
Conc: 11.06 ug/ml



#17 n-Tricontane (C30)

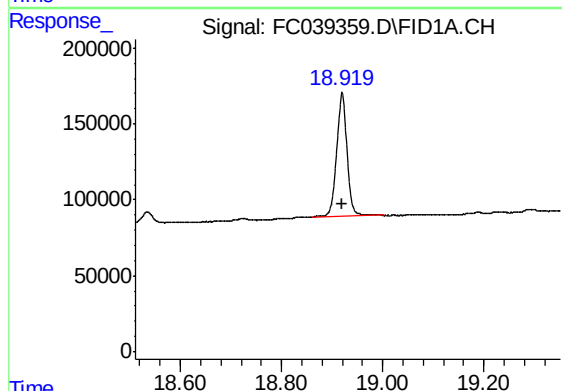
R.T.: 17.312 min
Delta R.T.: -0.001 min
Response: 1551745
Conc: 11.76 ug/ml

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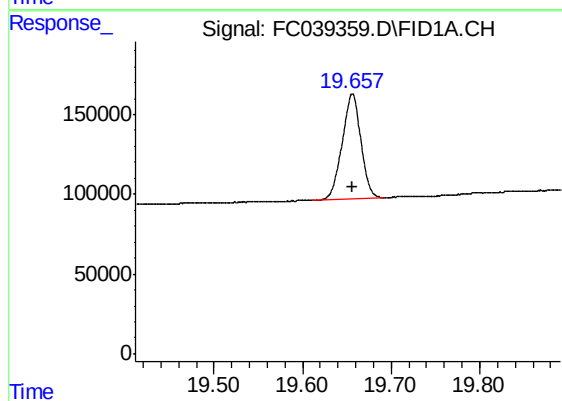
#18 n-Dotriacontane (C32)

R.T.: 18.140 min
Delta R.T.: 0.000 min
Response: 1399002
Conc: 11.57 ug/ml



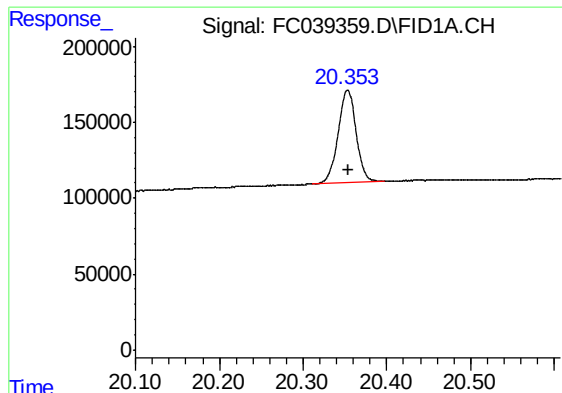
#19 n-Tetratriacontane (C34)

R.T.: 18.920 min
Delta R.T.: 0.000 min
Response: 1158440
Conc: 11.21 ug/ml



#20 n-Hexatriacontane (C36)

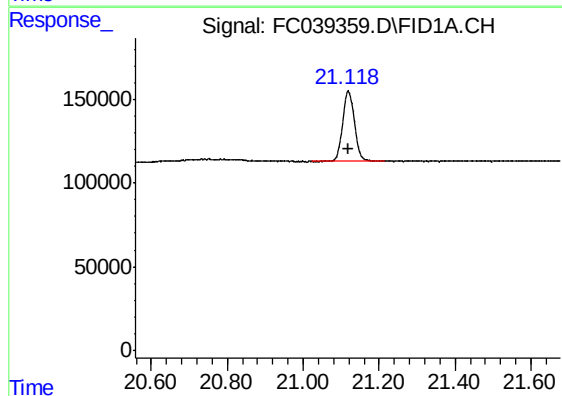
R.T.: 19.656 min
Delta R.T.: 0.000 min
Response: 970115
Conc: 10.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.353 min
Delta R.T.: 0.000 min
Response: 908160
Conc: 10.87 ug/ml

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FID_C
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.119 min
Delta R.T.: -0.002 min
Response: 907768
Conc: 10.88 ug/ml