

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122618AL\
 Data File : FC038405.D
 Signal(s) : FID1A.CH
 Acq On : 26 Dec 2018 19:04
 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

Manual Integrations
 APPROVED

Sohil
 12/27/2018 11:58:40 AM

Integration File: autoint1.e
 Quant Time: Dec 27 00:30:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 15 05:55:02 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

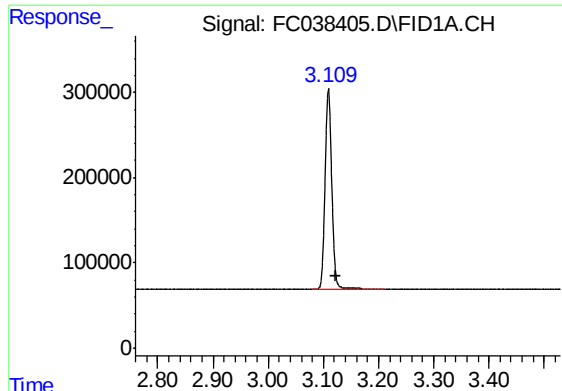
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.267	2326514	17.846 ug/ml
Spiked Amount 50.000		Recovery =	35.69%
12) S 1-chlorooctadecane (S...	12.710	1761636	17.473 ug/ml
Spiked Amount 50.000		Recovery =	34.95%
Target Compounds			
1) T n-Nonane (C9)	3.110	1969459	18.938 ug/ml
2) T n-Decane (C10)	4.166	1981996	18.924 ug/ml
3) T A~Naphthalene (C11.7)	5.725	2232360	19.004 ug/ml
4) T n-Dodecane (C12)	6.169	2020416	18.714 ug/ml
5) T A~2-methylnaphthalene...	6.773	2197486	18.702 ug/ml
6) T n-Tetradecane (C14)	7.950	2029357	18.169 ug/ml
7) T n-Hexadecane (C16)	9.539	2048470	17.757 ug/ml
8) T n-Octadecane (C18)	10.971	2050074	16.960 ug/ml
10) T n-Eicosane (C20)	12.272	2062600	17.172 ug/ml
11) T n-Heneicosane (C21)	12.880	2055958	17.718 ug/ml
13) T n-Docosane (C22)	13.463	2058583	17.812 ug/ml
14) T n-Tetracosane (C24)	14.560	2071516	18.042 ug/ml
15) T n-Hexacosane (C26)	15.577	2051035	18.233 ug/mlm
16) T n-Octacosane (C28)	16.522	2074019	18.452 ug/mlm
17) T n-Tricontane (C30)	17.404	2036840	18.559 ug/mlm
18) T n-Dotriacontane (C32)	18.234	1884139	18.395 ug/mlm
19) T n-Tetratriacontane (C34)	19.013	1620087	18.384 ug/mlm
20) T n-Hexatriacontane (C36)	19.749	1490813	19.029 ug/mlm
21) T n-Octatriacontane (C38)	20.450	1419110	18.339 ug/mlm
22) T n-Tetracontane (C40)	21.249	1428271	16.345 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



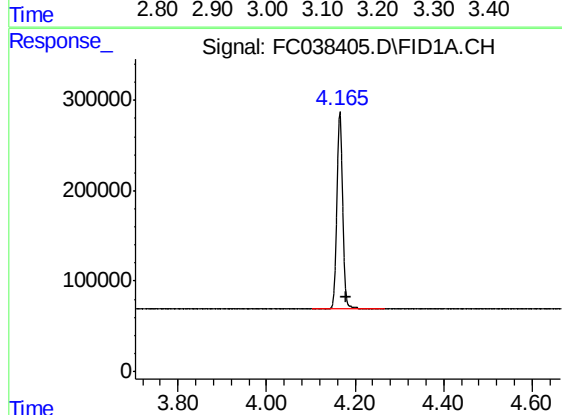
#1 n-Nonane (C9)

R.T.: 3.110 min
Delta R.T.: -0.013 min
Response: 1969459
Conc: 18.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

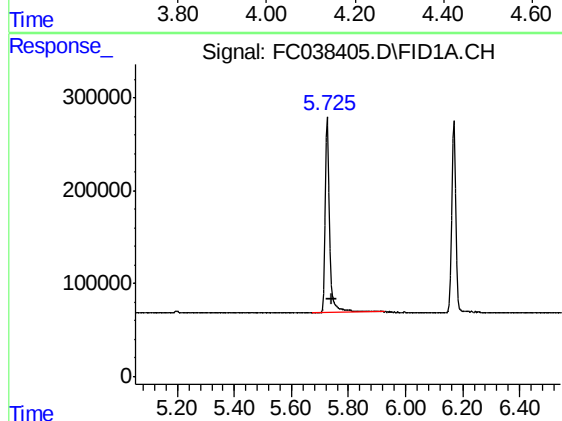
Manual Integrations
APPROVED

Sohil
12/27/2018 11:58:40 AM



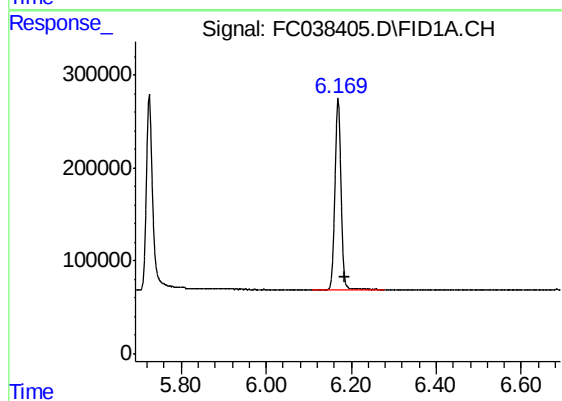
#2 n-Decane (C10)

R.T.: 4.166 min
Delta R.T.: -0.014 min
Response: 1981996
Conc: 18.92 ug/ml



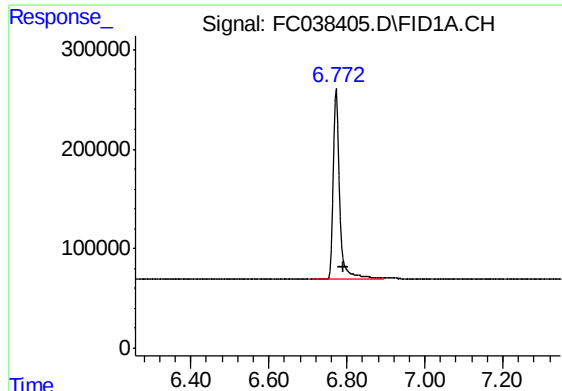
#3 A~Naphthalene (C11.7)

R.T.: 5.725 min
Delta R.T.: -0.017 min
Response: 2232360
Conc: 19.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.169 min
Delta R.T.: -0.015 min
Response: 2020416
Conc: 18.71 ug/ml



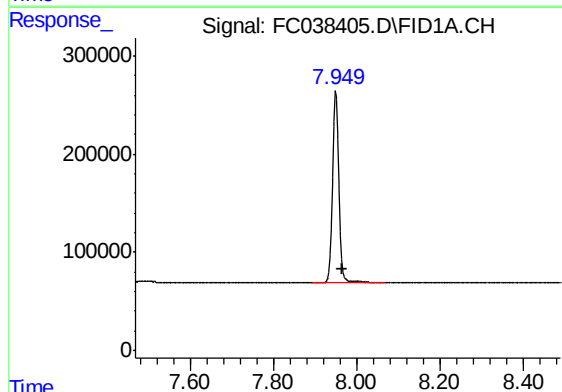
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.773 min
Delta R.T.: -0.017 min
Response: 2197486
Conc: 18.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

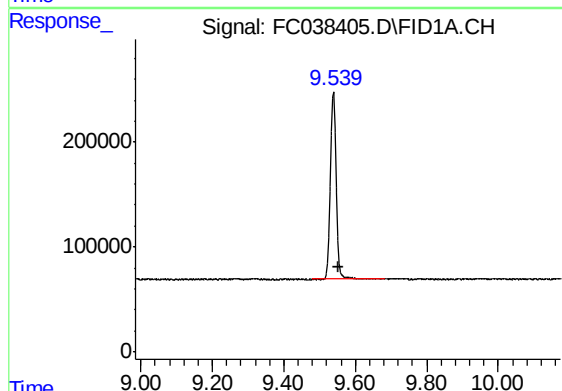
Manual Integrations
APPROVED

Sohil
12/27/2018 11:58:40 AM



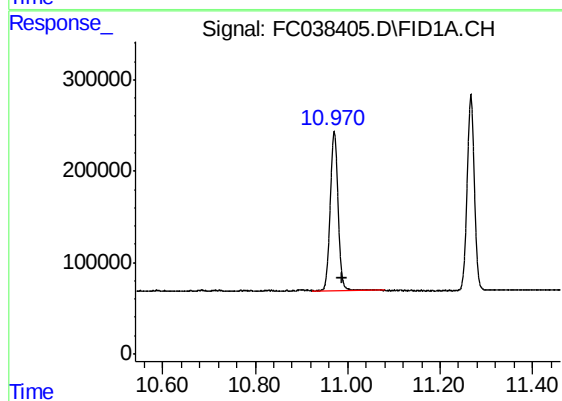
#6 n-Tetradecane (C14)

R.T.: 7.950 min
Delta R.T.: -0.015 min
Response: 2029357
Conc: 18.17 ug/ml



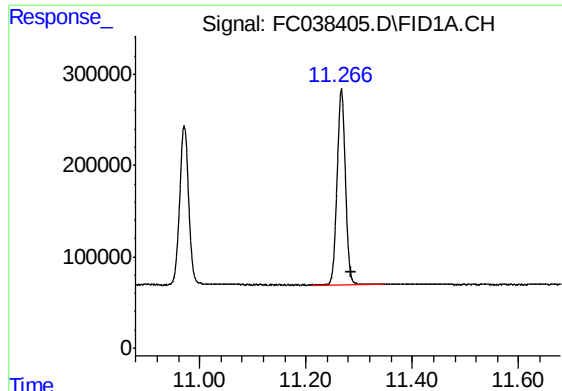
#7 n-Hexadecane (C16)

R.T.: 9.539 min
Delta R.T.: -0.015 min
Response: 2048470
Conc: 17.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.971 min
Delta R.T.: -0.016 min
Response: 2050074
Conc: 16.96 ug/ml



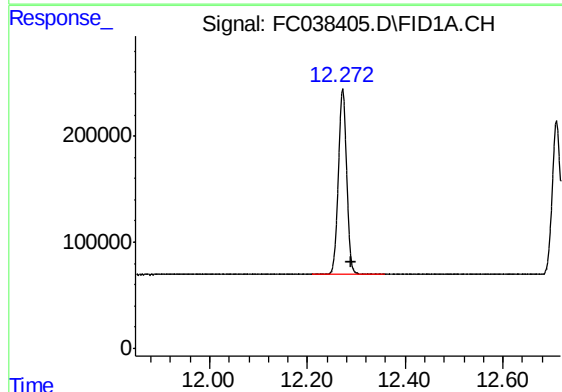
#9 ortho-Terphenyl (SURR)

R.T.: 11.267 min
Delta R.T.: -0.018 min
Response: 2326514
Conc: 17.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

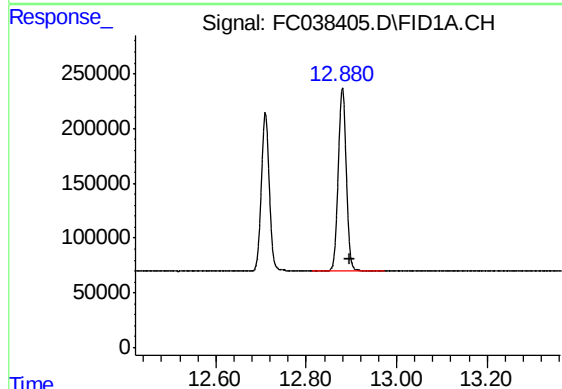
Manual Integrations
APPROVED

Sohil
12/27/2018 11:58:40 AM



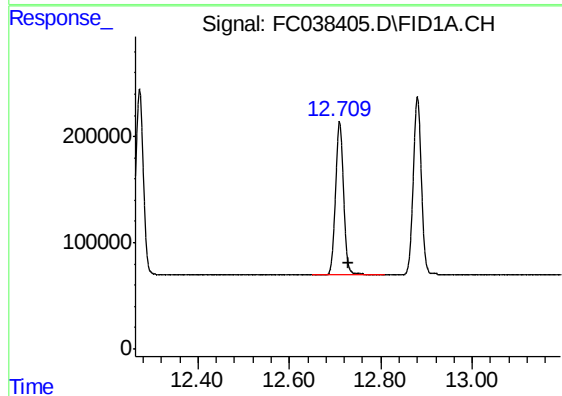
#10 n-Eicosane (C20)

R.T.: 12.272 min
Delta R.T.: -0.017 min
Response: 2062600
Conc: 17.17 ug/ml



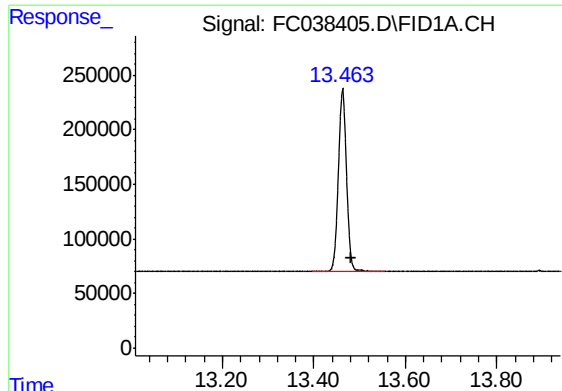
#11 n-Heneicosane (C21)

R.T.: 12.880 min
Delta R.T.: -0.017 min
Response: 2055958
Conc: 17.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.710 min
Delta R.T.: -0.019 min
Response: 1761636
Conc: 17.47 ug/ml



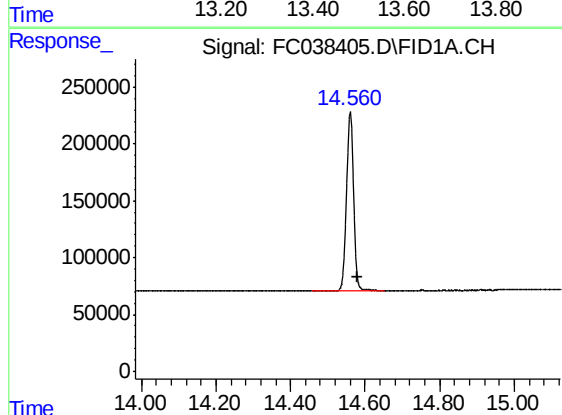
#13 n-Docosane (C22)

R.T.: 13.463 min
Delta R.T.: -0.018 min
Response: 2058583
Conc: 17.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

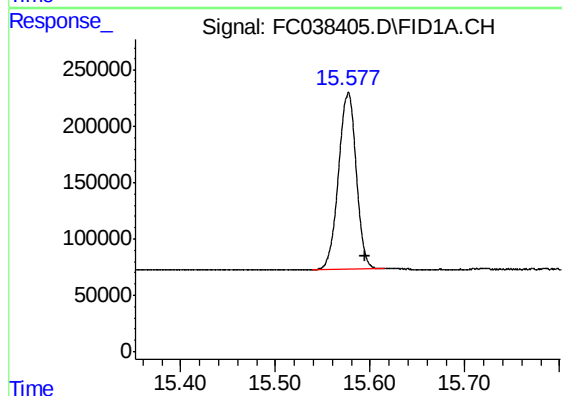
Manual Integrations
APPROVED

Sohil
12/27/2018 11:58:40 AM



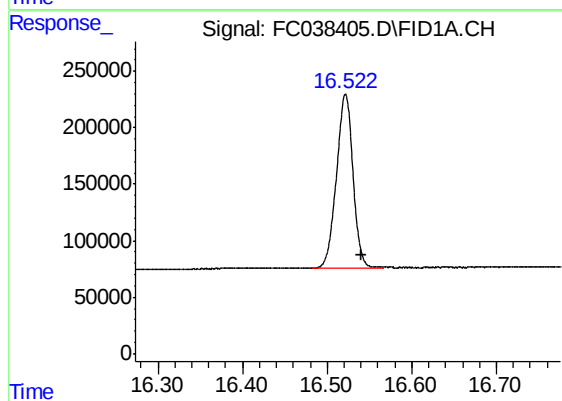
#14 n-Tetracosane (C24)

R.T.: 14.560 min
Delta R.T.: -0.018 min
Response: 2071516
Conc: 18.04 ug/ml



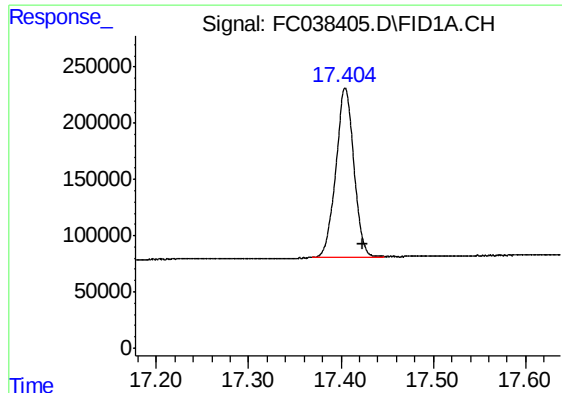
#15 n-Hexacosane (C26)

R.T.: 15.577 min
Delta R.T.: -0.017 min
Response: 2051035
Conc: 18.23 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.522 min
Delta R.T.: -0.019 min
Response: 2074019
Conc: 18.45 ug/ml m



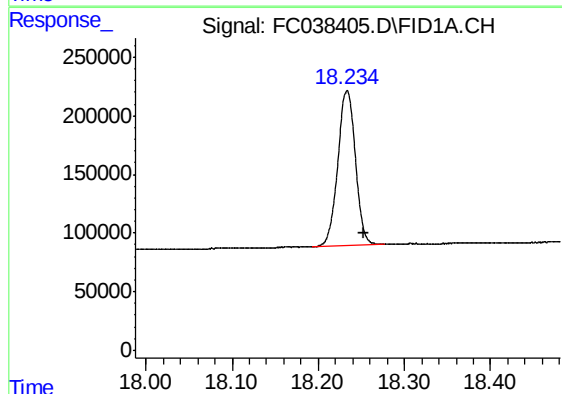
#17 n-Tricontane (C30)

R.T.: 17.404 min
Delta R.T.: -0.019 min
Response: 2036840
Conc: 18.56 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

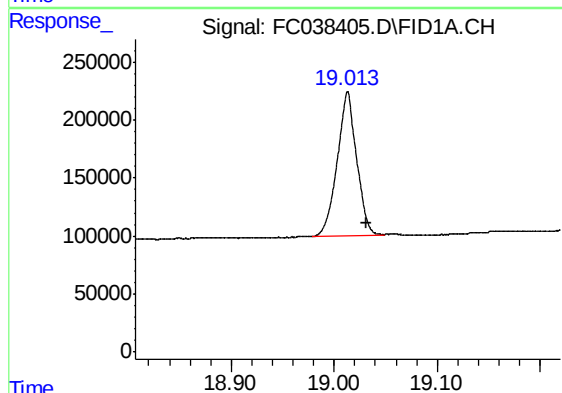
Manual Integrations
APPROVED

Sohil
12/27/2018 11:58:40 AM



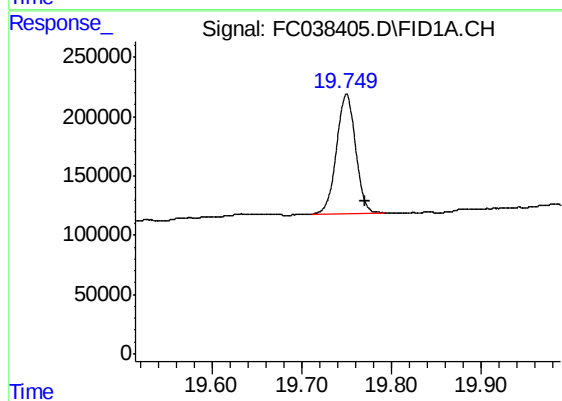
#18 n-Dotriacontane (C32)

R.T.: 18.234 min
Delta R.T.: -0.019 min
Response: 1884139
Conc: 18.40 ug/ml m



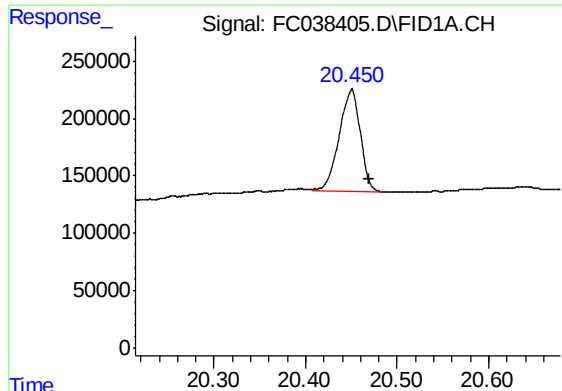
#19 n-Tetatriacontane (C34)

R.T.: 19.013 min
Delta R.T.: -0.019 min
Response: 1620087
Conc: 18.38 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.749 min
Delta R.T.: -0.021 min
Response: 1490813
Conc: 19.03 ug/ml m



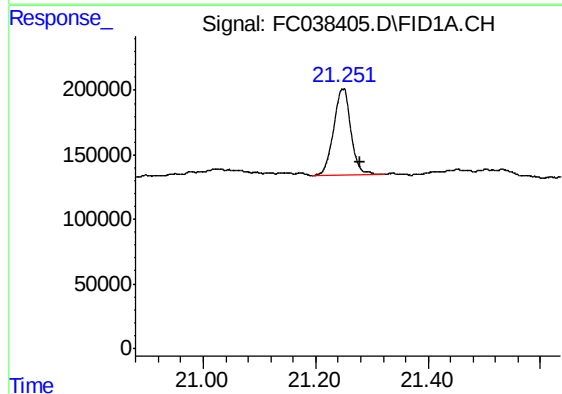
#21 n-Octatriacontane (C38)

R.T.: 20.450 min
Delta R.T.: -0.019 min
Response: 1419110
Conc: 18.34 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Sohil
12/27/2018 11:58:40 AM



#22 n-Tetracontane (C40)

R.T.: 21.249 min
Delta R.T.: -0.029 min
Response: 1428271
Conc: 16.34 ug/ml