

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121218AL\
 Data File : FC038137.D
 Signal(s) : FID1A.CH
 Acq On : 12 Dec 2018 00:54
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Sohil
 12/12/2018 2:10:02 PM

Integration File: autoint1.e
 Quant Time: Dec 12 05:42:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 11 15:29:14 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

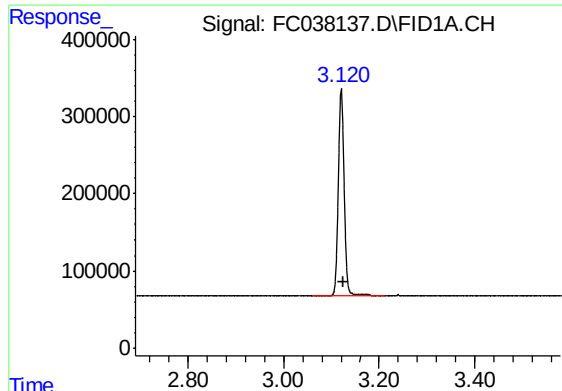
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.284	2566549	19.687 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
12) S 1-chlorooctadecane (S...	12.725	1950264	19.343 ug/mlm
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T n-Nonane (C9)	3.121	2240904	21.548 ug/ml
2) T n-Decane (C10)	4.177	2269260	21.667 ug/ml
3) T A-Naphthalene (C11.7)	5.738	2523443	21.482 ug/ml
4) T n-Dodecane (C12)	6.182	2327857	21.562 ug/ml
5) T A~2-methylnaphthalene...	6.786	2510406	21.365 ug/ml
6) T n-Tetradecane (C14)	7.964	2356055	21.094 ug/ml
7) T n-Hexadecane (C16)	9.553	2353655	20.402 ug/ml
8) T n-Octadecane (C18)	10.986	2346674	19.413 ug/ml
10) T n-Eicosane (C20)	12.288	2315801	19.280 ug/ml
11) T n-Heneicosane (C21)	12.897	2292873	19.760 ug/ml
13) T n-Docosane (C22)	13.479	2273584	19.672 ug/mlm
14) T n-Tetracosane (C24)	14.578	2287297	19.922 ug/ml
15) T n-Hexacosane (C26)	15.592	2258863	20.081 ug/mlm
16) T n-Octacosane (C28)	16.538	2290084	20.374 ug/mlm
17) T n-Tricontane (C30)	17.422	2315206	21.095 ug/mlm
18) T n-Dotriacontane (C32)	18.251	2232122	21.793 ug/mlm
19) T n-Tetratriacontane (C34)	19.032	1936757	21.977 ug/mlm
20) T n-Hexatriacontane (C36)	19.767	1738877	22.196 ug/mlm
21) T n-Octatriacontane (C38)	20.469	1656726	21.410 ug/mlm
22) T n-Tetracontane (C40)	21.270	1752669	20.057 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.



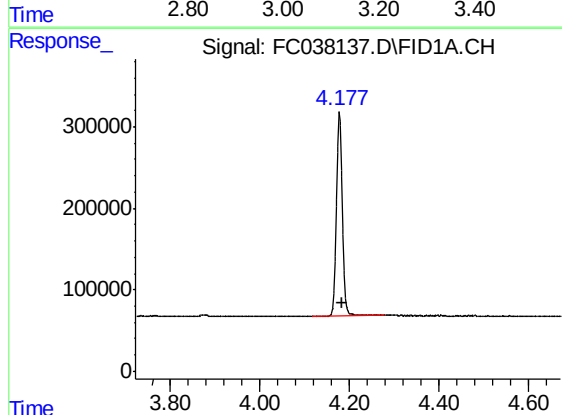
#1 n-Nonane (C9)

R.T.: 3.121 min
Delta R.T.: -0.004 min
Response: 2240904
Conc: 21.55 ug/ml

Instrument :
FID_C
ClientSampleId :

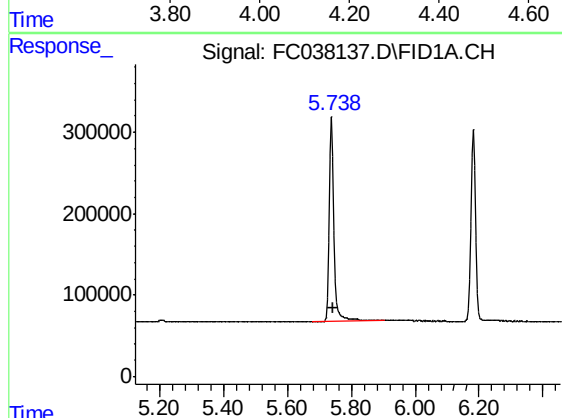
Manual Integrations
APPROVED

Sohil
12/12/2018 2:10:02 PM



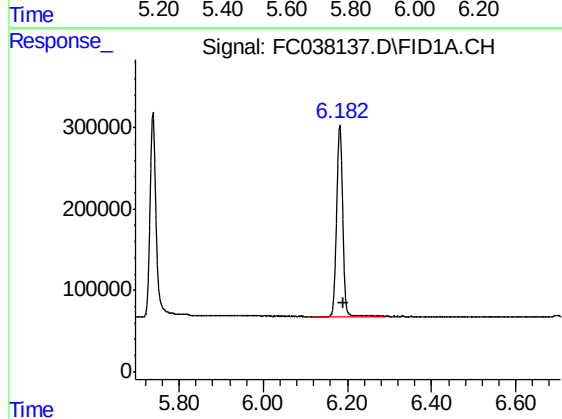
#2 n-Decane (C10)

R.T.: 4.177 min
Delta R.T.: -0.006 min
Response: 2269260
Conc: 21.67 ug/ml



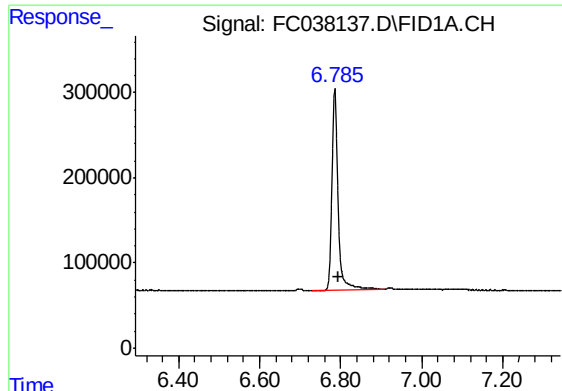
#3 A~Naphthalene (C11.7)

R.T.: 5.738 min
Delta R.T.: -0.006 min
Response: 2523443
Conc: 21.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.182 min
Delta R.T.: -0.008 min
Response: 2327857
Conc: 21.56 ug/ml



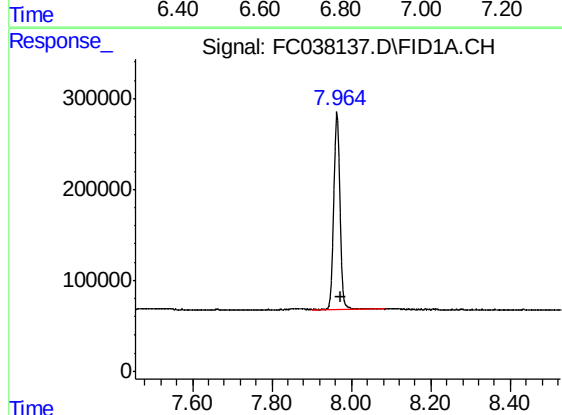
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.786 min
Delta R.T.: -0.008 min
Response: 2510406
Conc: 21.37 ug/ml

Instrument :
FID_C
ClientSampleId :

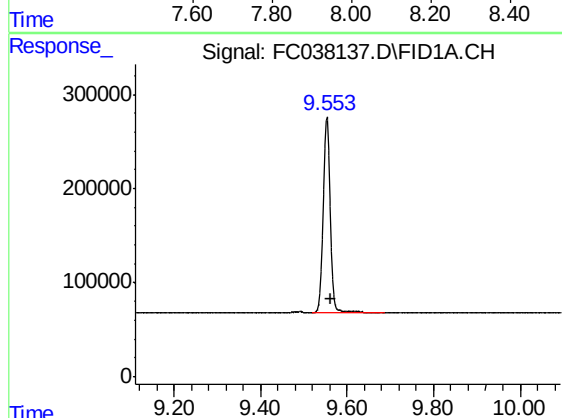
Manual Integrations
APPROVED

Sohil
12/12/2018 2:10:02 PM



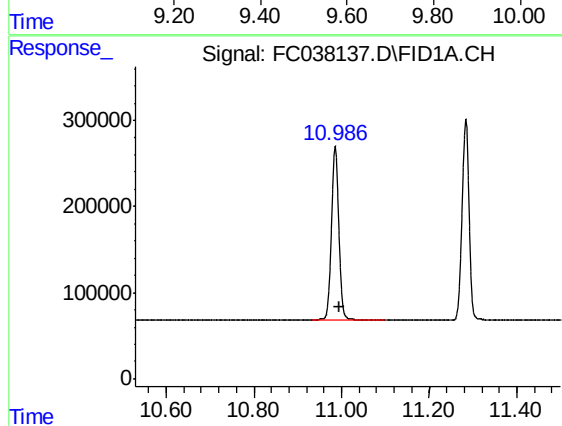
#6 n-Tetradecane (C14)

R.T.: 7.964 min
Delta R.T.: -0.008 min
Response: 2356055
Conc: 21.09 ug/ml



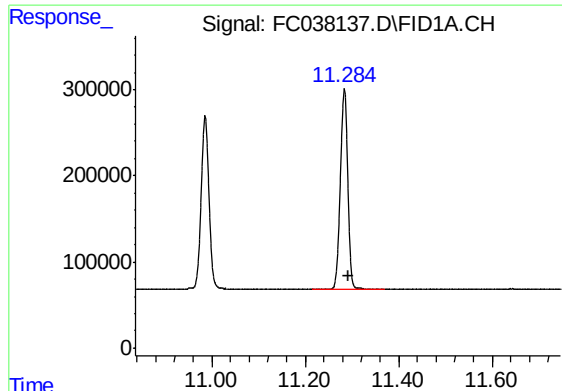
#7 n-Hexadecane (C16)

R.T.: 9.553 min
Delta R.T.: -0.009 min
Response: 2353655
Conc: 20.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.986 min
Delta R.T.: -0.010 min
Response: 2346674
Conc: 19.41 ug/ml



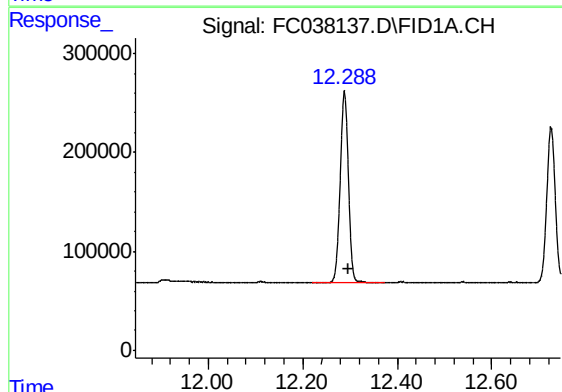
#9 ortho-Terphenyl (SURR)

R.T.: 11.284 min
Delta R.T.: -0.010 min
Response: 2566549
Conc: 19.69 ug/ml

Instrument :
FID_C
ClientSampleId :

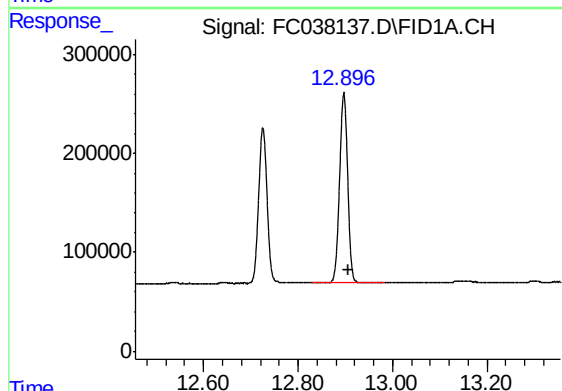
Manual Integrations
APPROVED

Sohil
12/12/2018 2:10:02 PM



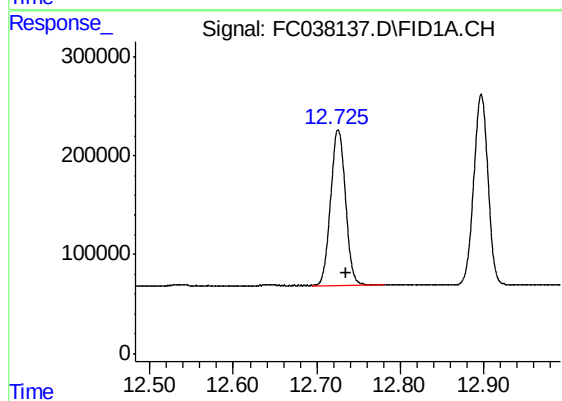
#10 n-Eicosane (C20)

R.T.: 12.288 min
Delta R.T.: -0.009 min
Response: 2315801
Conc: 19.28 ug/ml



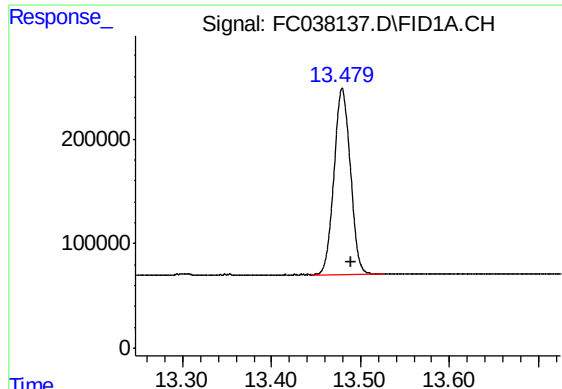
#11 n-Heneicosane (C21)

R.T.: 12.897 min
Delta R.T.: -0.009 min
Response: 2292873
Conc: 19.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.725 min
Delta R.T.: -0.010 min
Response: 1950264
Conc: 19.34 ug/ml m



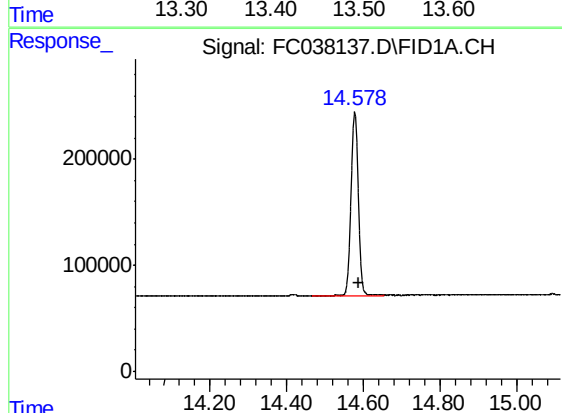
#13 n-Docosane (C22)

R.T.: 13.479 min
Delta R.T.: -0.010 min
Response: 2273584
Conc: 19.67 ug/ml m

Instrument :
FID_C
ClientSampleId :

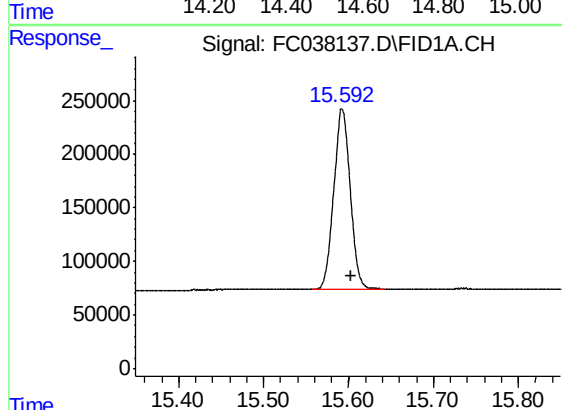
Manual Integrations
APPROVED

Sohil
12/12/2018 2:10:02 PM



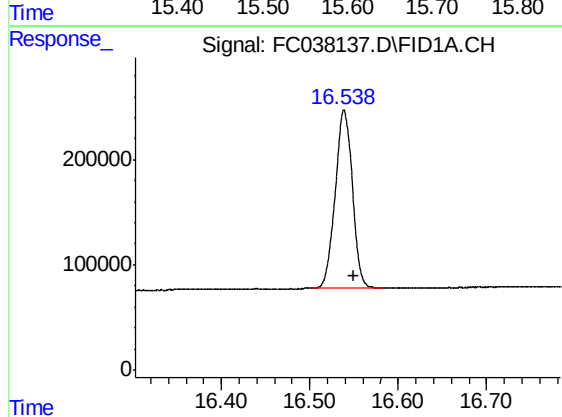
#14 n-Tetracosane (C24)

R.T.: 14.578 min
Delta R.T.: -0.009 min
Response: 2287297
Conc: 19.92 ug/ml



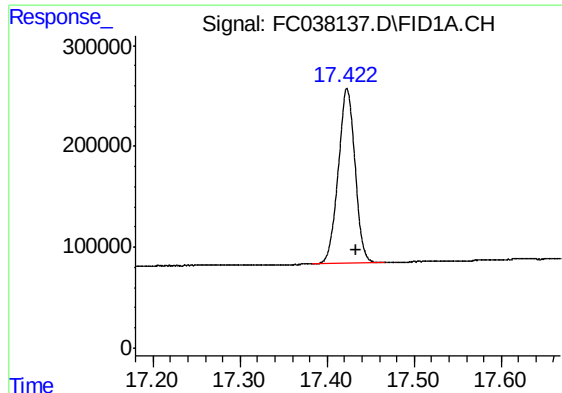
#15 n-Hexacosane (C26)

R.T.: 15.592 min
Delta R.T.: -0.011 min
Response: 2258863
Conc: 20.08 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.538 min
Delta R.T.: -0.011 min
Response: 2290084
Conc: 20.37 ug/ml m



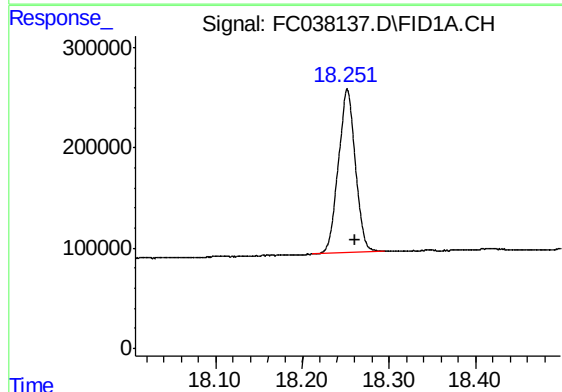
#17 n-Tricontane (C30)

R.T.: 17.422 min
Delta R.T.: -0.011 min
Response: 2315206
Conc: 21.10 ug/ml m

Instrument :
FID_C
ClientSampleId :

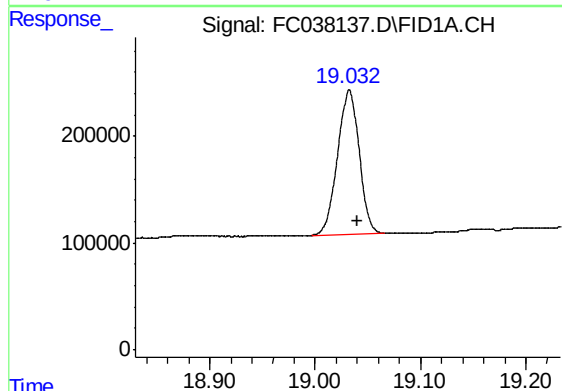
Manual Integrations
APPROVED

Sohil
12/12/2018 2:10:02 PM



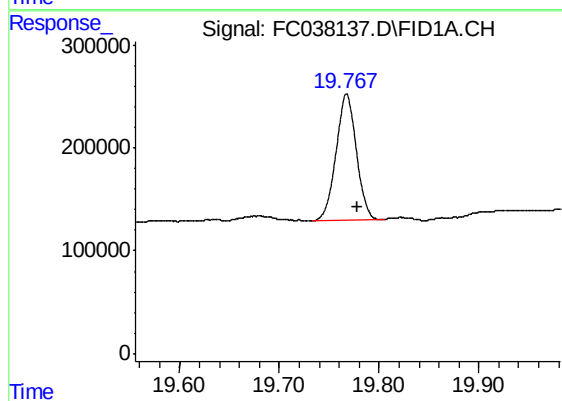
#18 n-Dotriacontane (C32)

R.T.: 18.251 min
Delta R.T.: -0.010 min
Response: 2232122
Conc: 21.79 ug/ml m



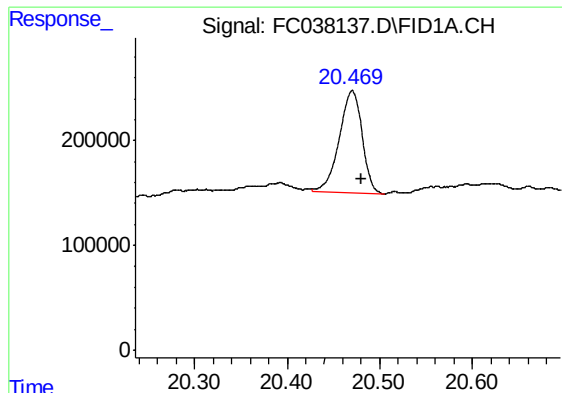
#19 n-Tetatriacontane (C34)

R.T.: 19.032 min
Delta R.T.: -0.008 min
Response: 1936757
Conc: 21.98 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.767 min
Delta R.T.: -0.012 min
Response: 1738877
Conc: 22.20 ug/ml m



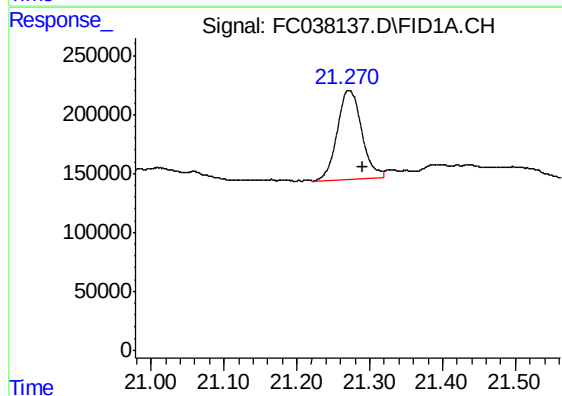
#21 n-Octatriacontane (C38)

R.T.: 20.469 min
Delta R.T.: -0.011 min
Response: 1656726
Conc: 21.41 ug/ml m

Instrument :
FID_C
ClientSampleId :

Manual Integrations
APPROVED

Sohil
12/12/2018 2:10:02 PM



#22 n-Tetracontane (C40)

R.T.: 21.270 min
Delta R.T.: -0.020 min
Response: 1752669
Conc: 20.06 ug/ml m