

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122118AL\
 Data File : FC038388.D
 Signal(s) : FID1A.CH
 Acq On : 22 Dec 2018 13:19
 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
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 12/26/2018 1:30:16 PM

Integration File: sample.E
 Quant Time: Dec 23 21:56:17 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

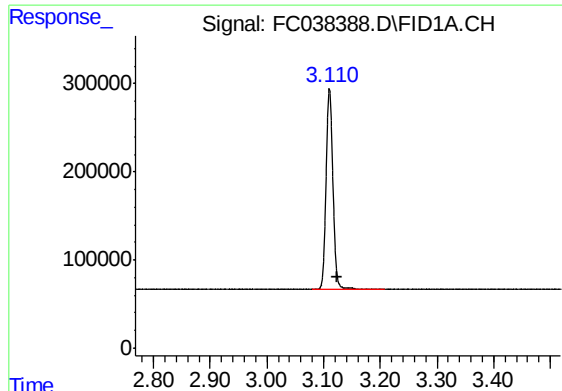
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.271	2283495	17.516 ug/ml
Spiked Amount 50.000		Recovery =	35.03%
12) S 1-chlorooctadecane (S...	12.716	1719958	17.059 ug/ml
Spiked Amount 50.000		Recovery =	34.12%
Target Compounds			
1) T n-Nonane (C9)	3.111	1912483	18.390 ug/ml
2) T n-Decane (C10)	4.167	1925574	18.386 ug/ml
3) T A-Naphthalene (C11.7)	5.727	2182866	18.583 ug/ml
4) T n-Dodecane (C12)	6.172	1949649	18.059 ug/ml
5) T A~2-methylnaphthalene...	6.775	2133601	18.158 ug/ml
6) T n-Tetradecane (C14)	7.953	1980408	17.731 ug/ml
7) T n-Hexadecane (C16)	9.542	1997591	17.316 ug/ml
8) T n-Octadecane (C18)	10.975	2000220	16.547 ug/ml
10) T n-Eicosane (C20)	12.277	2017798	16.799 ug/ml
11) T n-Heneicosane (C21)	12.886	2008073	17.305 ug/ml
13) T n-Docosane (C22)	13.469	2011719	17.406 ug/ml
14) T n-Tetracosane (C24)	14.566	2025698	17.643 ug/ml
15) T n-Hexacosane (C26)	15.583	2029997	18.046 ug/ml
16) T n-Octacosane (C28)	16.528	2095860	18.646 ug/ml
17) T n-Tricontane (C30)	17.412	2156024	19.645 ug/mlm
18) T n-Dotriacontane (C32)	18.242	2075268	20.261 ug/ml
19) T n-Tetratriacontane (C34)	19.022	1791701	20.331 ug/ml
20) T n-Hexatriacontane (C36)	19.759	1560584	19.920 ug/mlm
21) T n-Octatriacontane (C38)	20.457	1463740	18.916 ug/mlm
22) T n-Tetracontane (C40)	21.258	1460800	16.717 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



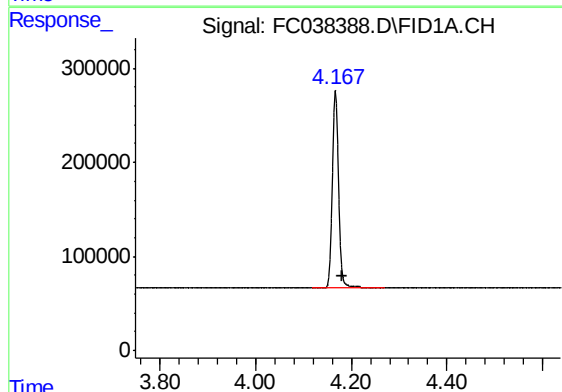
#1 n-Nonane (C9)

R.T.: 3.111 min
Delta R.T.: -0.012 min
Response: 1912483
Conc: 18.39 ug/ml

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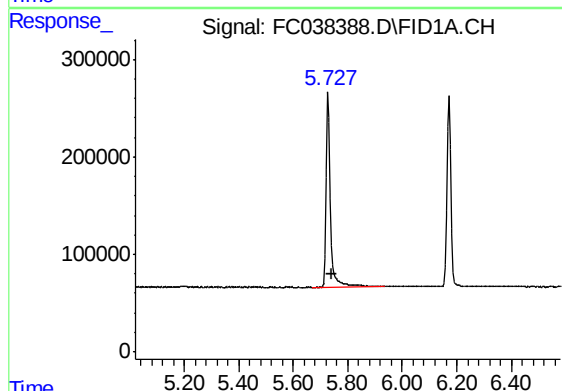
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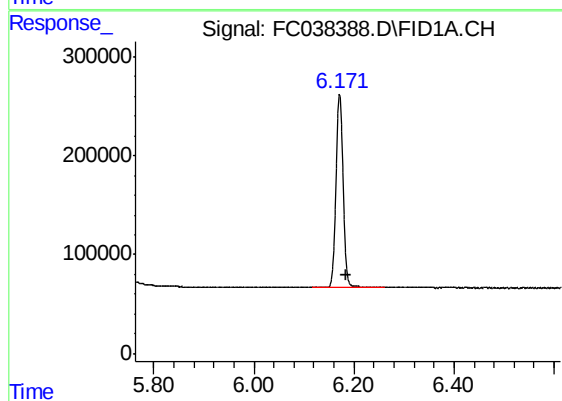
#2 n-Decane (C10)

R.T.: 4.167 min
Delta R.T.: -0.013 min
Response: 1925574
Conc: 18.39 ug/ml



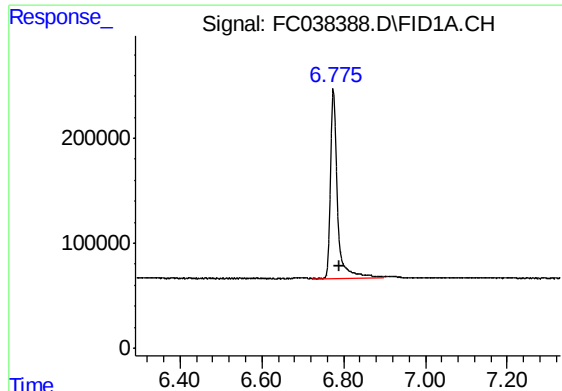
#3 A~Naphthalene (C11.7)

R.T.: 5.727 min
Delta R.T.: -0.015 min
Response: 2182866
Conc: 18.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.172 min
Delta R.T.: -0.012 min
Response: 1949649
Conc: 18.06 ug/ml



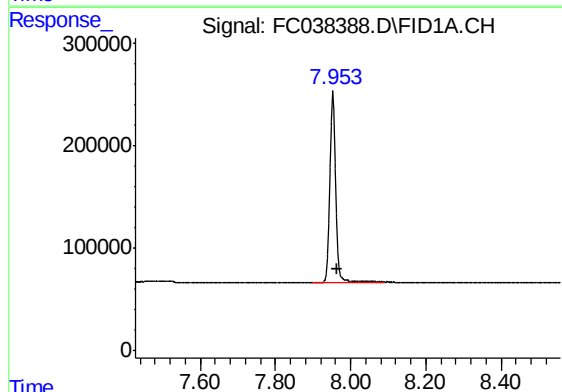
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: -0.015 min
Response: 2133601
Conc: 18.16 ug/ml

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20 PPM ALIPHATIC HC STD

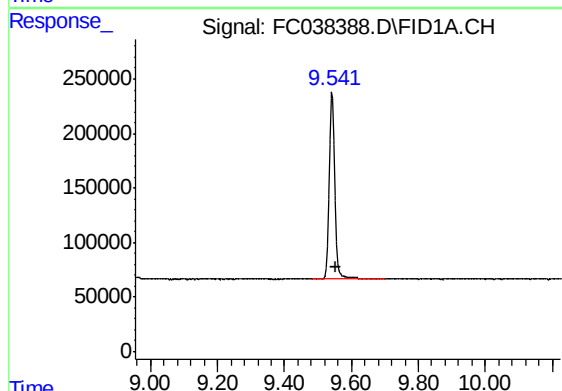
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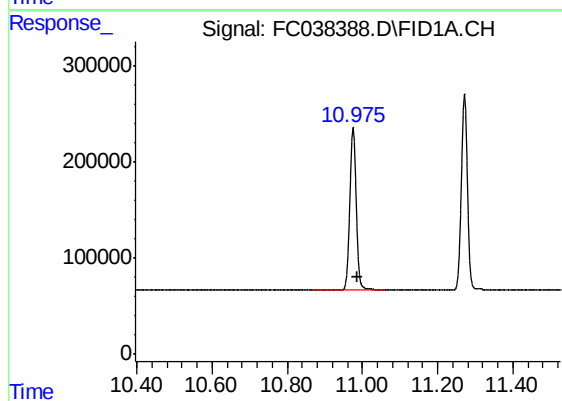
#6 n-Tetradecane (C14)

R.T.: 7.953 min
Delta R.T.: -0.012 min
Response: 1980408
Conc: 17.73 ug/ml



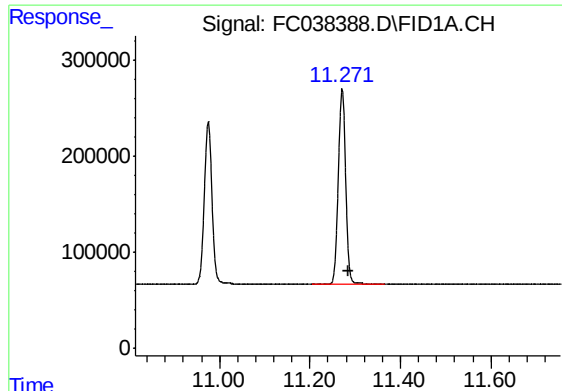
#7 n-Hexadecane (C16)

R.T.: 9.542 min
Delta R.T.: -0.012 min
Response: 1997591
Conc: 17.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.975 min
Delta R.T.: -0.012 min
Response: 2000220
Conc: 16.55 ug/ml



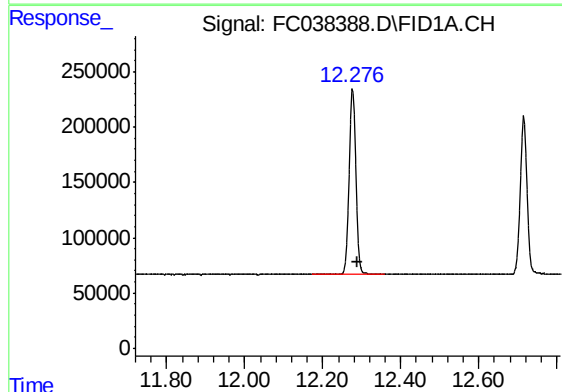
#9 ortho-Terphenyl (SURR)

R.T.: 11.271 min
Delta R.T.: -0.013 min
Response: 2283495
Conc: 17.52 ug/ml

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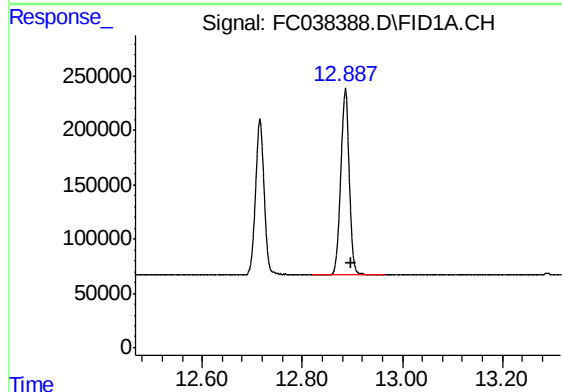
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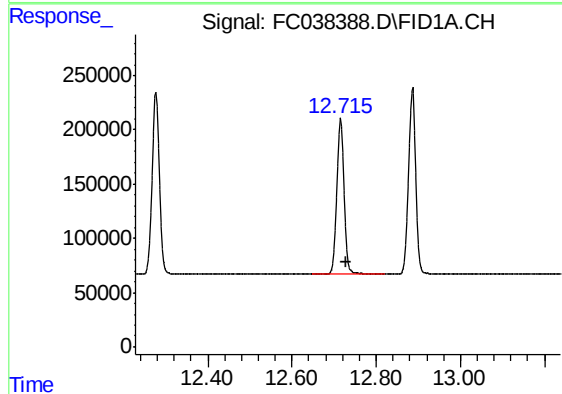
#10 n-Eicosane (C20)

R.T.: 12.277 min
Delta R.T.: -0.012 min
Response: 2017798
Conc: 16.80 ug/ml



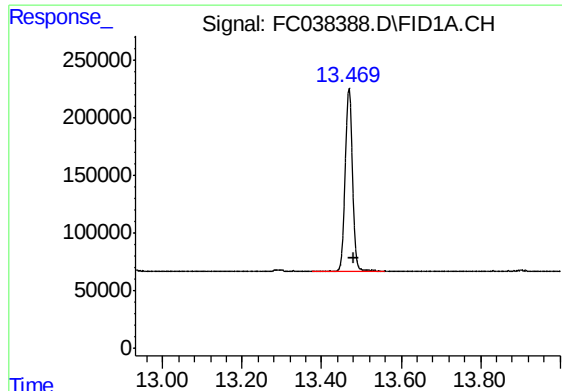
#11 n-Heneicosane (C21)

R.T.: 12.886 min
Delta R.T.: -0.011 min
Response: 2008073
Conc: 17.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.716 min
Delta R.T.: -0.013 min
Response: 1719958
Conc: 17.06 ug/ml



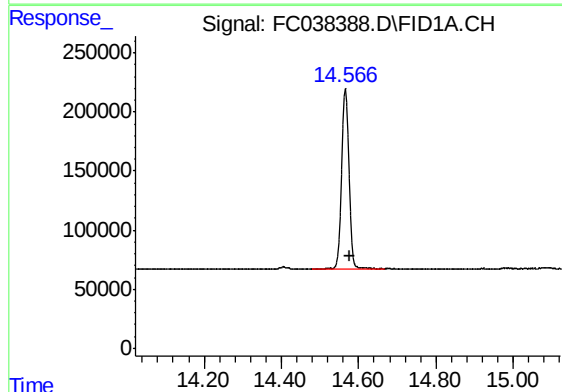
#13 n-Docosane (C22)

R.T.: 13.469 min
Delta R.T.: -0.012 min
Response: 2011719
Conc: 17.41 ug/ml

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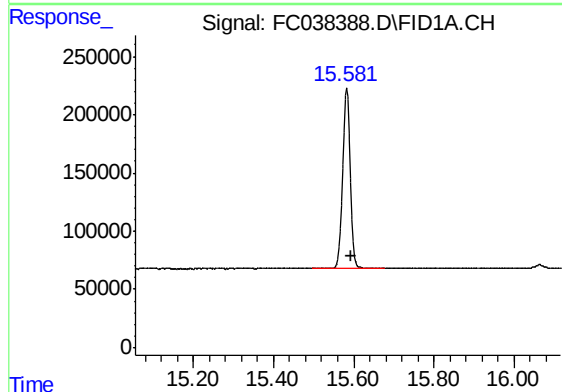
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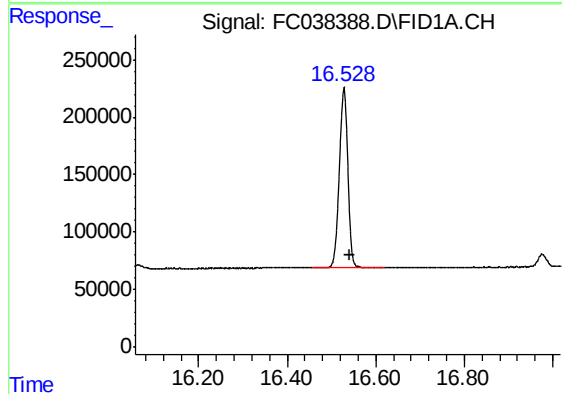
#14 n-Tetracosane (C24)

R.T.: 14.566 min
Delta R.T.: -0.013 min
Response: 2025698
Conc: 17.64 ug/ml



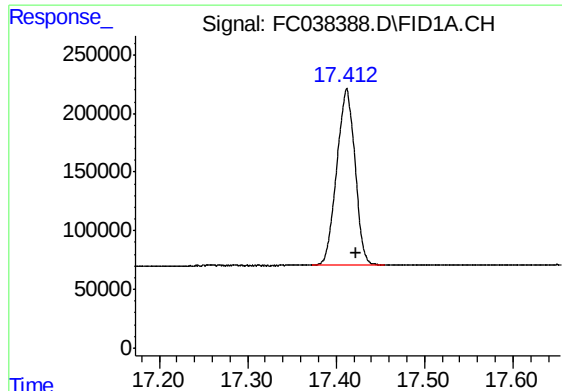
#15 n-Hexacosane (C26)

R.T.: 15.583 min
Delta R.T.: -0.012 min
Response: 2029997
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.528 min
Delta R.T.: -0.012 min
Response: 2095860
Conc: 18.65 ug/ml



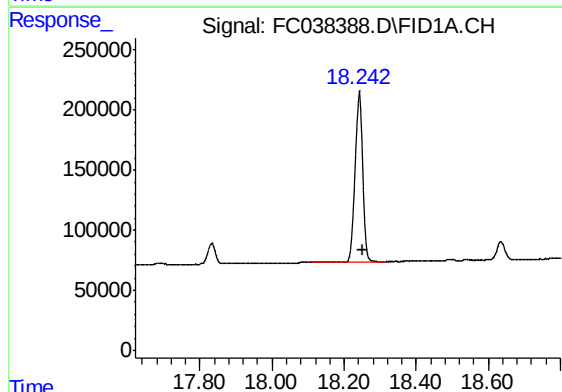
#17 n-Tricontane (C30)

R.T.: 17.412 min
Delta R.T.: -0.012 min
Response: 2156024
Conc: 19.64 ug/ml m

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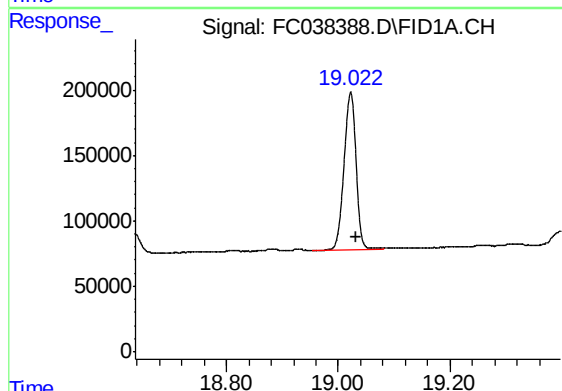
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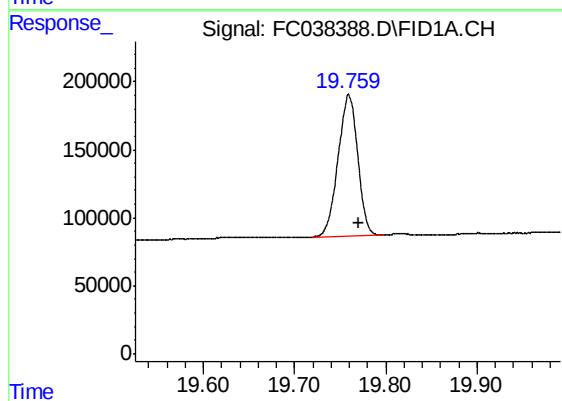
#18 n-Dotriacontane (C32)

R.T.: 18.242 min
Delta R.T.: -0.010 min
Response: 2075268
Conc: 20.26 ug/ml



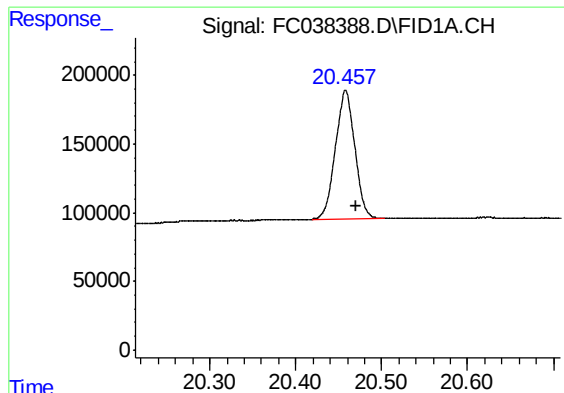
#19 n-Tetatriacontane (C34)

R.T.: 19.022 min
Delta R.T.: -0.010 min
Response: 1791701
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.759 min
Delta R.T.: -0.012 min
Response: 1560584
Conc: 19.92 ug/ml m



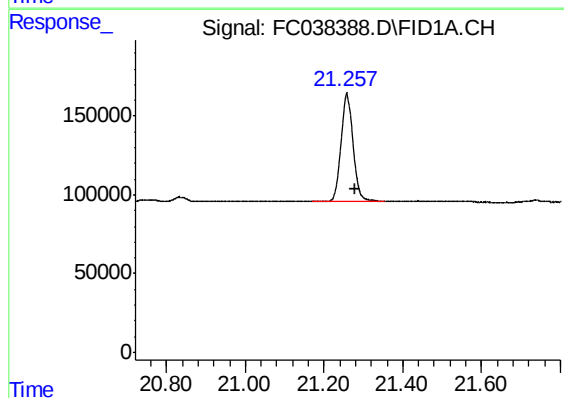
#21 n-Octatriacontane (C38)

R.T.: 20.457 min
Delta R.T.: -0.013 min
Response: 1463740
Conc: 18.92 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.258 min
Delta R.T.: -0.021 min
Response: 1460800
Conc: 16.72 ug/ml