

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083019AL\
 Data File : FC043233.D
 Signal(s) : FID1A.CH
 Acq On : 30 Aug 2019 16:48
 Operator : DD\AJ
 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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 9/4/2019 11:47:12 AM

Integration File: autoint1.e
 Quant Time: Aug 30 22:33:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

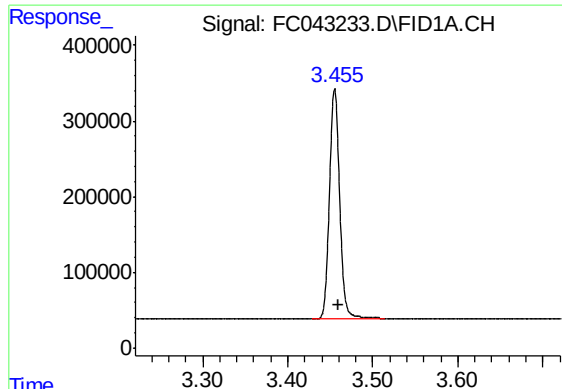
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.625	2737274	19.118 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
12) S 1-chlorooctadecane (S...	13.047	2056024	18.819 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
Target Compounds			
1) T n-Nonane (C9)	3.455	2527400	21.220 ug/ml
2) T n-Decane (C10)	4.511	2580003	21.697 ug/ml
3) T A~Naphthalene (C11.7)	6.091	2671657	21.902 ug/ml
4) T n-Dodecane (C12)	6.507	2634932	21.538 ug/ml
5) T A~2-methylnaphthalene...	7.138	2696829	21.970 ug/ml
6) T n-Tetradecane (C14)	8.285	2612252	21.132 ug/ml
7) T n-Hexadecane (C16)	9.873	2578880	20.685 ug/ml
8) T n-Octadecane (C18)	11.303	2536466	19.941 ug/ml
10) T n-Eicosane (C20)	12.603	2473093	19.264 ug/ml
11) T n-Heneicosane (C21)	13.212	2452417	18.937 ug/ml
13) T n-Docosane (C22)	13.793	2412747	18.782 ug/ml
14) T n-Tetracosane (C24)	14.889	2384526	18.613 ug/ml
15) T n-Hexacosane (C26)	15.905	2340680	18.585 ug/ml
16) T n-Octacosane (C28)	16.848	2326450	18.947 ug/ml
17) T n-Tricontane (C30)	17.732	2339261	19.396 ug/ml
18) T n-Dotriacontane (C32)	18.561	2281896	20.005 ug/ml
19) T n-Tetratriacontane (C34)	19.341	2186957	20.326 ug/ml
20) T n-Hexatriacontane (C36)	20.076	2106846	20.011 ug/ml
21) T n-Octatriacontane (C38)	20.809	2148019	22.959 ug/ml
22) T n-Tetracontane (C40)	21.712	2102398	21.760 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



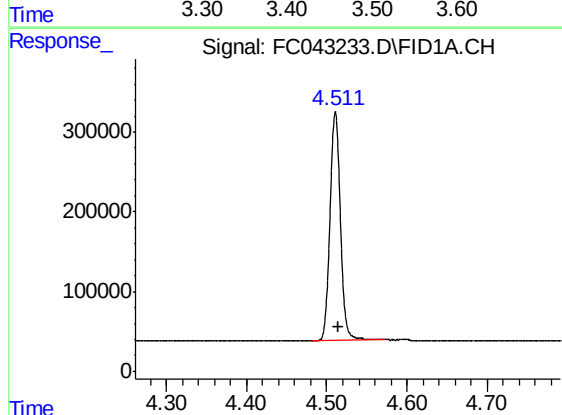
#1 n-Nonane (C9)

R.T.: 3.455 min
Delta R.T.: -0.004 min
Response: 2527400
Conc: 21.22 ug/ml

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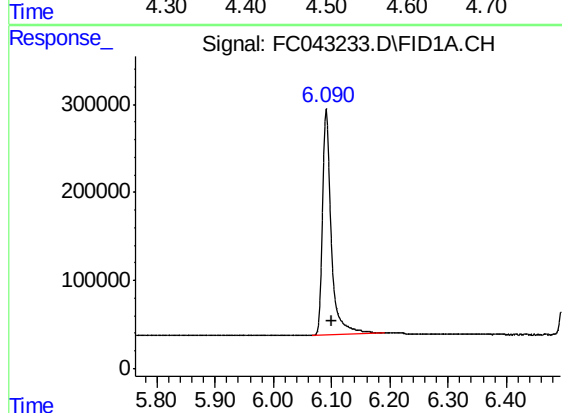
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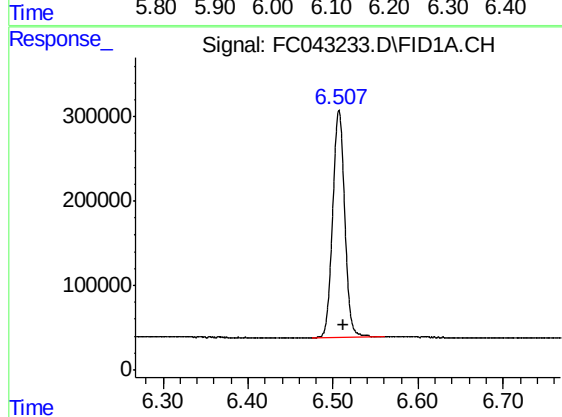
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.004 min
Response: 2580003
Conc: 21.70 ug/ml



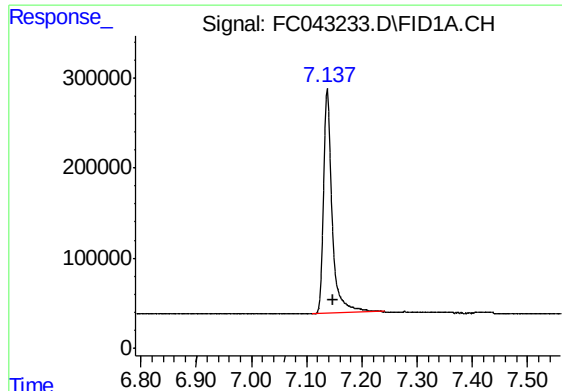
#3 A-Naphthalene (C11.7)

R.T.: 6.091 min
Delta R.T.: -0.010 min
Response: 2671657
Conc: 21.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.005 min
Response: 2634932
Conc: 21.54 ug/ml



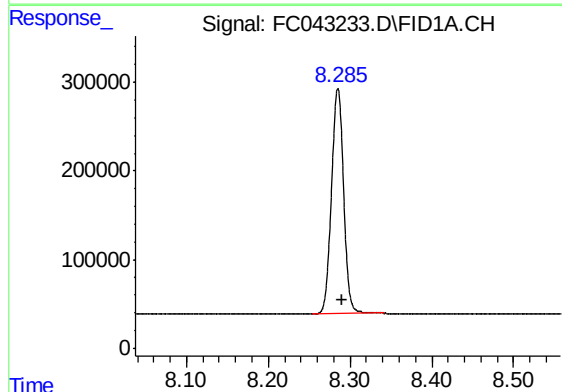
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: -0.011 min
Response: 2696829
Conc: 21.97 ug/ml

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20 PPM ALIPHATIC HC STD

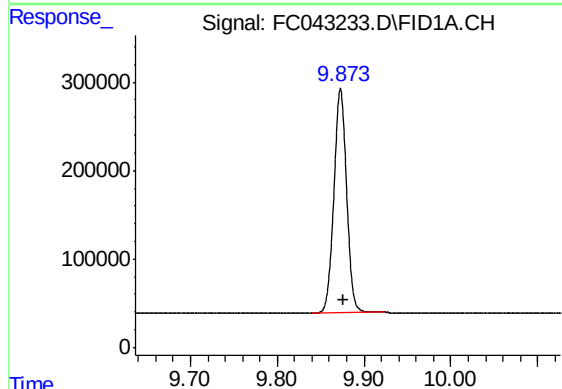
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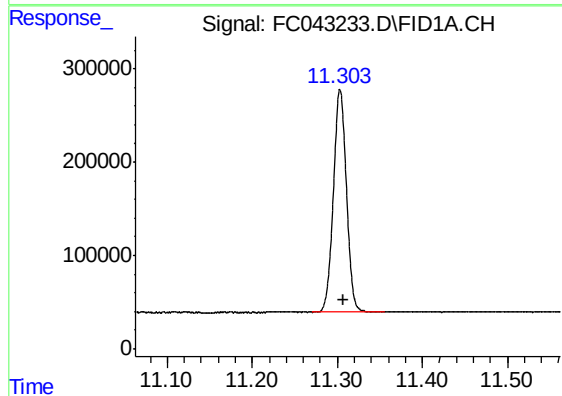
#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: -0.004 min
Response: 2612252
Conc: 21.13 ug/ml



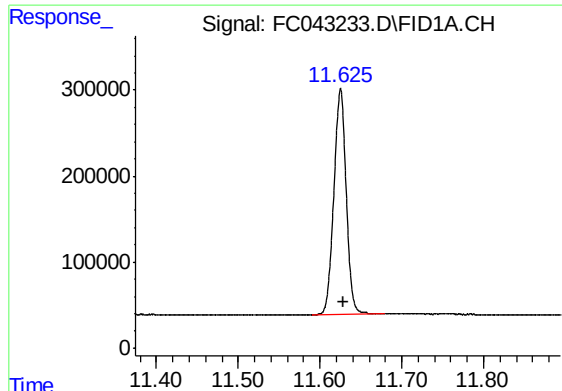
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.004 min
Response: 2578880
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.303 min
Delta R.T.: -0.004 min
Response: 2536466
Conc: 19.94 ug/ml



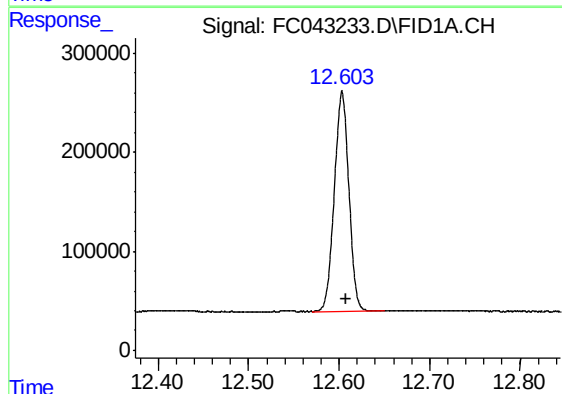
#9 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: -0.004 min
Response: 2737274
Conc: 19.12 ug/ml

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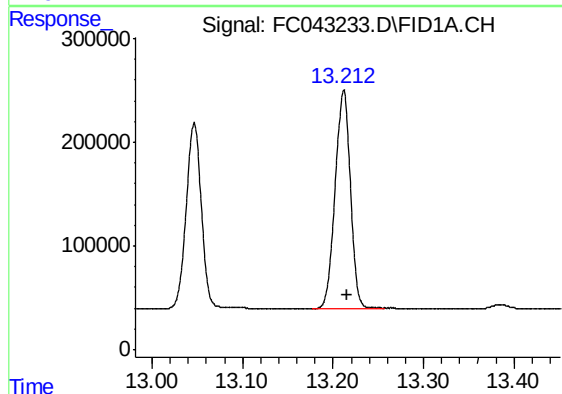
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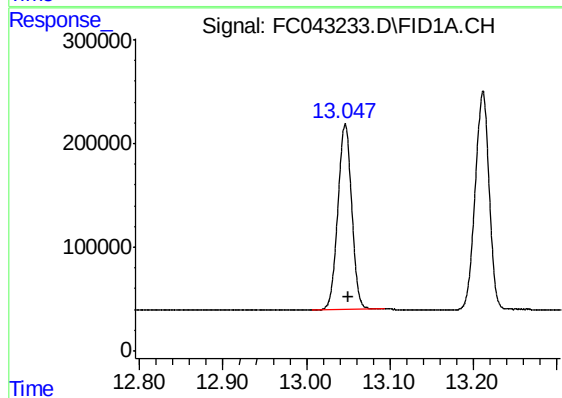
#10 n-Eicosane (C20)

R.T.: 12.603 min
Delta R.T.: -0.004 min
Response: 2473093
Conc: 19.26 ug/ml



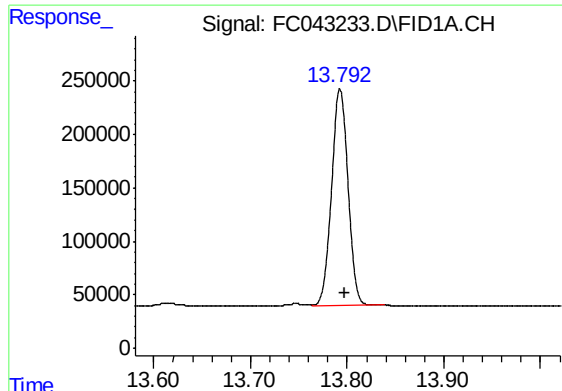
#11 n-Heneicosane (C21)

R.T.: 13.212 min
Delta R.T.: -0.003 min
Response: 2452417
Conc: 18.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.047 min
Delta R.T.: -0.004 min
Response: 2056024
Conc: 18.82 ug/ml



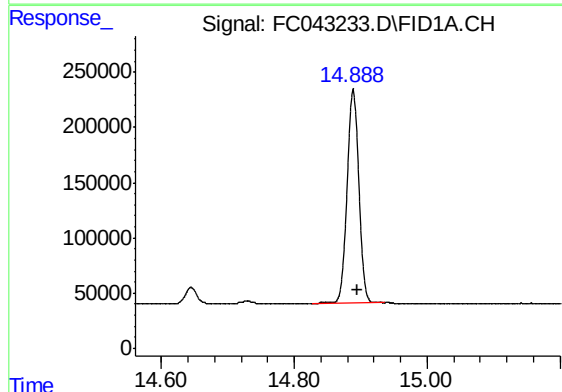
#13 n-Docosane (C22)

R.T.: 13.793 min
Delta R.T.: -0.005 min
Response: 2412747
Conc: 18.78 ug/ml

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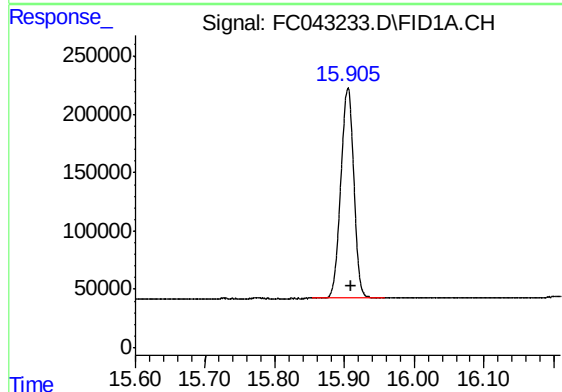
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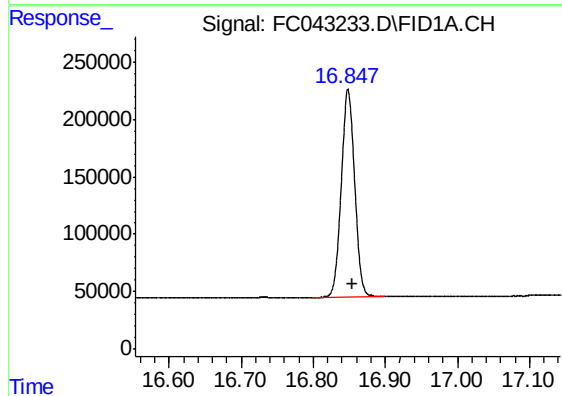
#14 n-Tetracosane (C24)

R.T.: 14.889 min
Delta R.T.: -0.006 min
Response: 2384526
Conc: 18.61 ug/ml



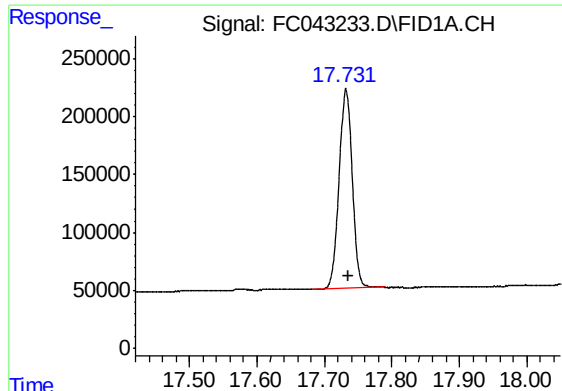
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: -0.005 min
Response: 2340680
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.848 min
Delta R.T.: -0.007 min
Response: 2326450
Conc: 18.95 ug/ml



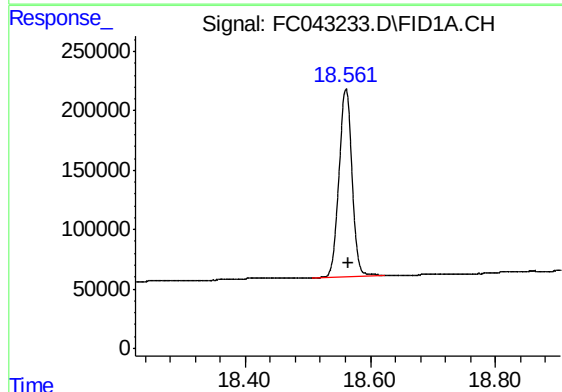
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: -0.004 min
Response: 2339261
Conc: 19.40 ug/ml

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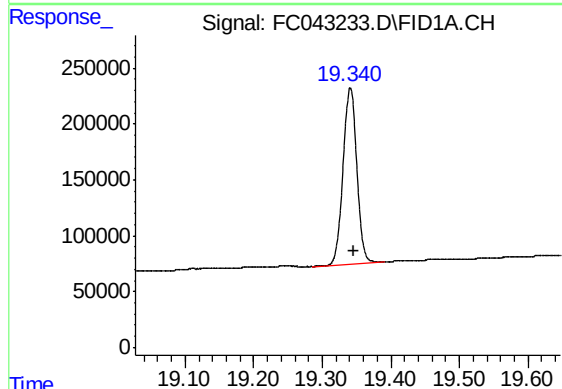
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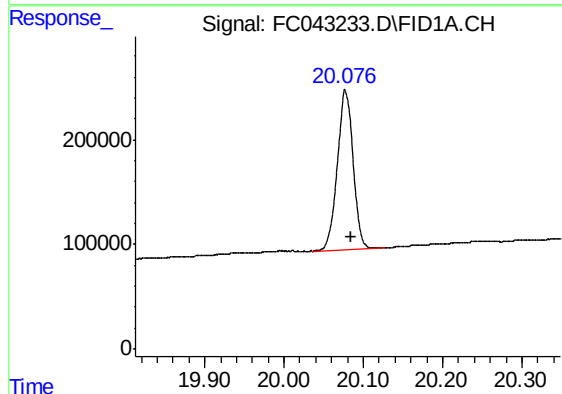
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: -0.005 min
Response: 2281896
Conc: 20.00 ug/ml



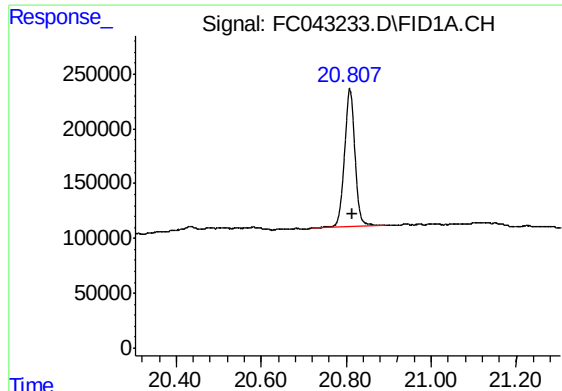
#19 n-Tetatriacontane (C34)

R.T.: 19.341 min
Delta R.T.: -0.005 min
Response: 2186957
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: -0.008 min
Response: 2106846
Conc: 20.01 ug/ml m



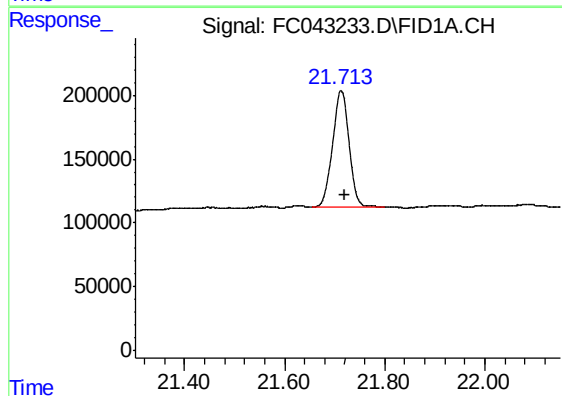
#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.006 min
Response: 2148019
Conc: 22.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: -0.007 min
Response: 2102398
Conc: 21.76 ug/ml