

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013120AL\
 Data File : FC045580.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jan 2020 12:27
 Operator : DD\AJ
 Sample : L1161-01
 Misc : LOD 2.5 PPM -SOIL (ALI)
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Feb 01 00:04:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

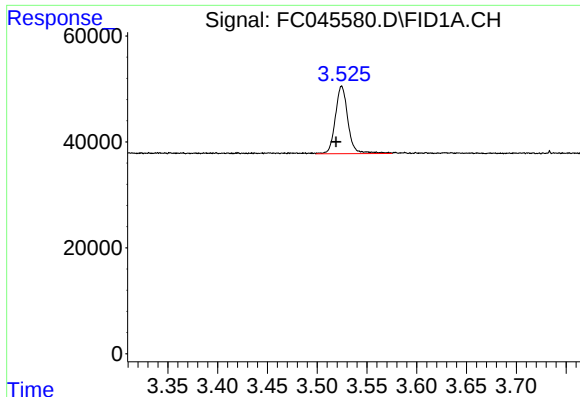
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.188	1847794	21.252 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
Target Compounds			
1) T n-Nonane (C9)	3.525	112780	1.166 ug/mlm
2) T n-Decane (C10)	4.596	131673	1.360 ug/mlm
4) T n-Dodecane (C12)	6.611	189987	1.943 ug/mlm
6) T n-Tetradecane (C14)	8.399	181013	1.837 ug/mlm
7) T n-Hexadecane (C16)	9.995	167667	1.675 ug/mlm
8) T n-Octadecane (C18)	11.433	174009	1.708 ug/mlm
10) T n-Eicosane (C20)	12.739	175767	1.714 ug/mlm
11) T n-Heneicosane (C21)	13.349	167045	1.614 ug/mlm
13) T n-Docosane (C22)	13.932	177088	1.716 ug/mlm
14) T n-Tetracosane (C24)	15.032	168645	1.623 ug/mlm
15) T n-Hexacosane (C26)	16.051	169563	1.641 ug/mlm
16) T n-Octacosane (C28)	16.999	167126	1.635 ug/mlm
17) T n-Tricontane (C30)	17.885	177929	1.812 ug/mlm
18) T n-Dotriacontane (C32)	18.712	172899	2.078 ug/mlm
19) T n-Tetratriacontane (C34)	19.494	167308	2.364 ug/mlm
20) T n-Hexatriacontane (C36)	20.230	148437	2.315 ug/mlm
21) T n-Octatriacontane (C38)	21.001	128455	2.196 ug/mlm
22) T n-Tetracontane (C40)	21.975	142502	2.416 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.



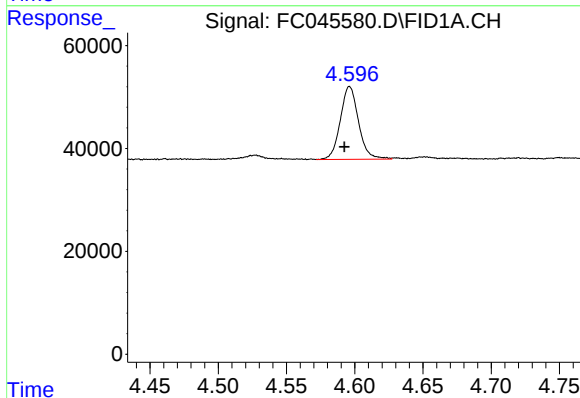
#1 n-Nonane (C9)

R.T.: 3.525 min
Delta R.T.: 0.006 min
Response: 112780
Conc: 1.17 ug/ml m

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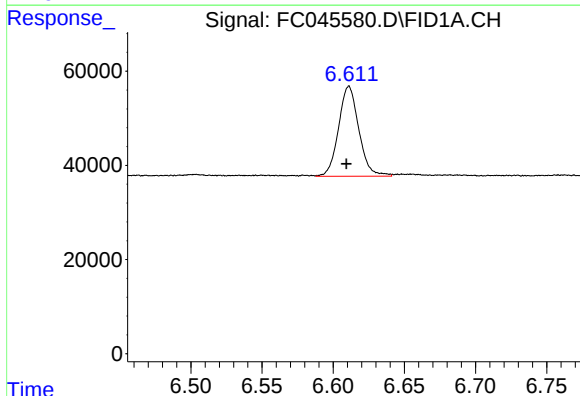
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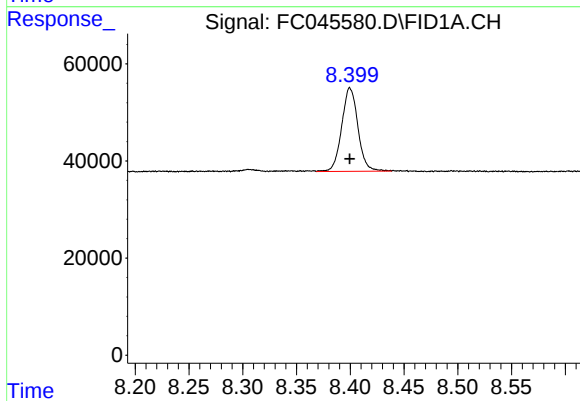
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: 0.004 min
Response: 131673
Conc: 1.36 ug/ml m



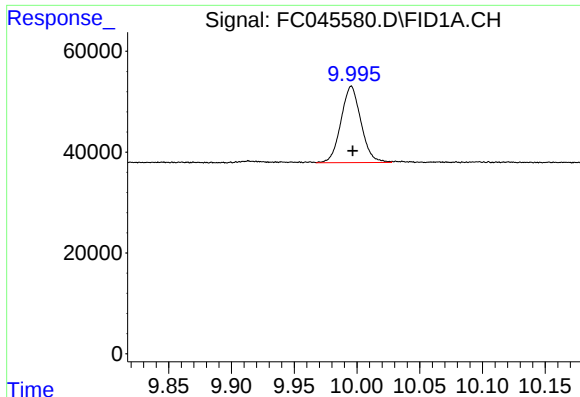
#4 n-Dodecane (C12)

R.T.: 6.611 min
Delta R.T.: 0.002 min
Response: 189987
Conc: 1.94 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.000 min
Response: 181013
Conc: 1.84 ug/ml m



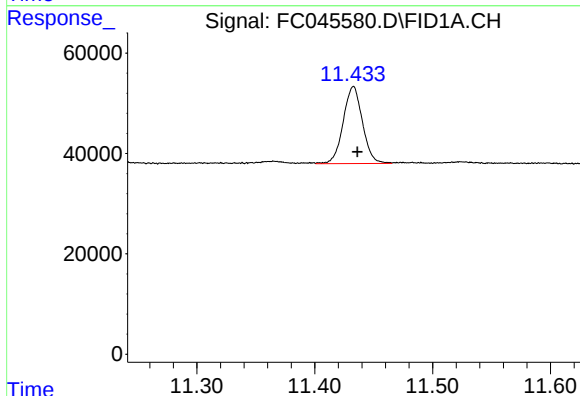
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.001 min
Response: 167667
Conc: 1.67 ug/ml m

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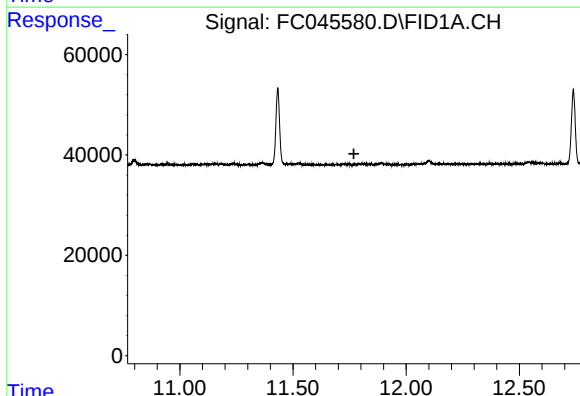
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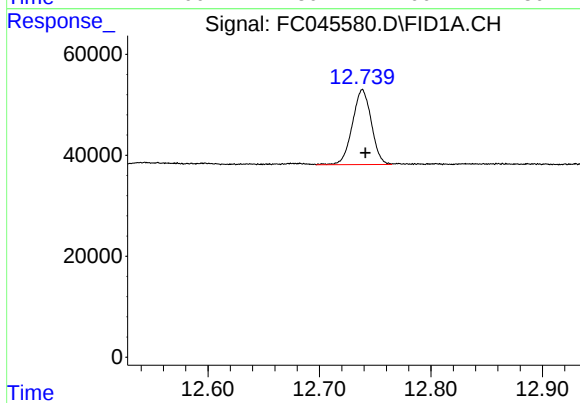
#8 n-Octadecane (C18)

R.T.: 11.433 min
Delta R.T.: -0.004 min
Response: 174009
Conc: 1.71 ug/ml m



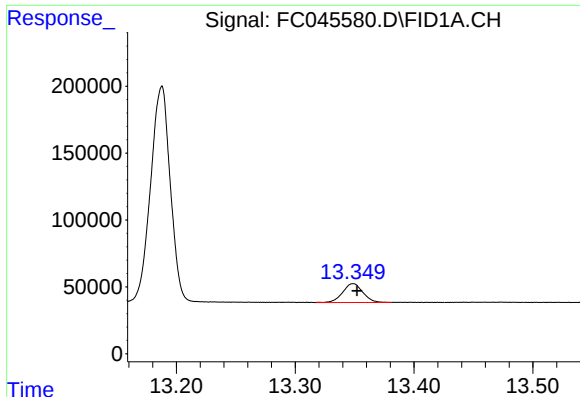
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.769 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.739 min
Delta R.T.: -0.003 min
Response: 175767
Conc: 1.71 ug/ml m



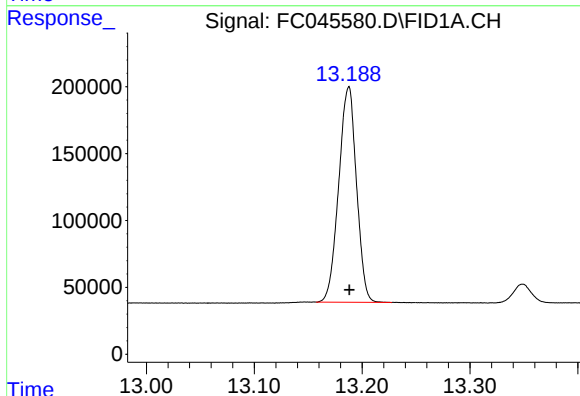
#11 n-Heneicosane (C21)

R.T.: 13.349 min
Delta R.T.: -0.003 min
Response: 167045
Conc: 1.61 ug/ml m

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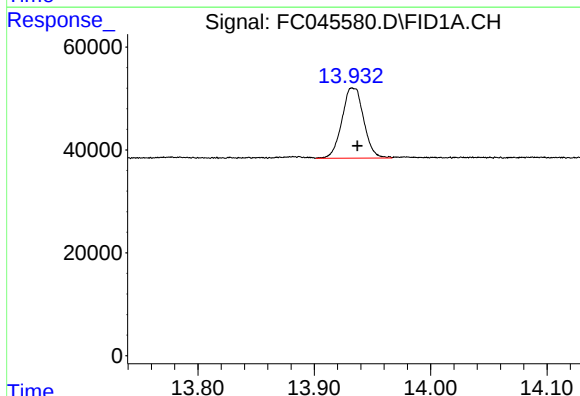
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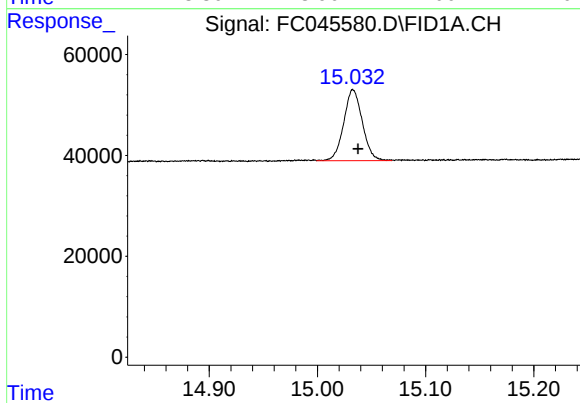
#12 1-chlorooctadecane (SURR)

R.T.: 13.188 min
Delta R.T.: 0.000 min
Response: 1847794
Conc: 21.25 ug/ml



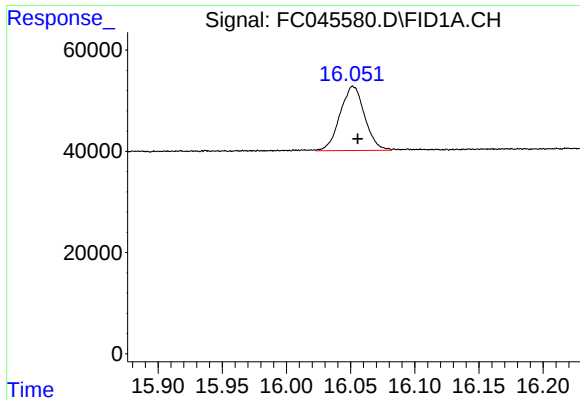
#13 n-Docosane (C22)

R.T.: 13.932 min
Delta R.T.: -0.005 min
Response: 177088
Conc: 1.72 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: -0.005 min
Response: 168645
Conc: 1.62 ug/ml m



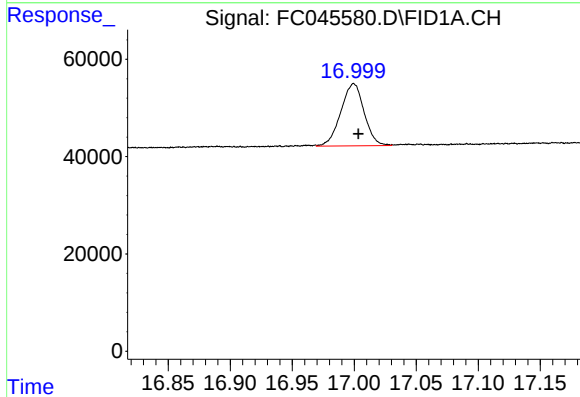
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: -0.004 min
Response: 169563
Conc: 1.64 ug/ml m

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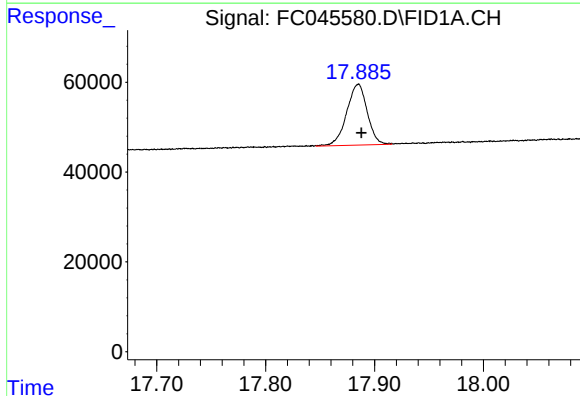
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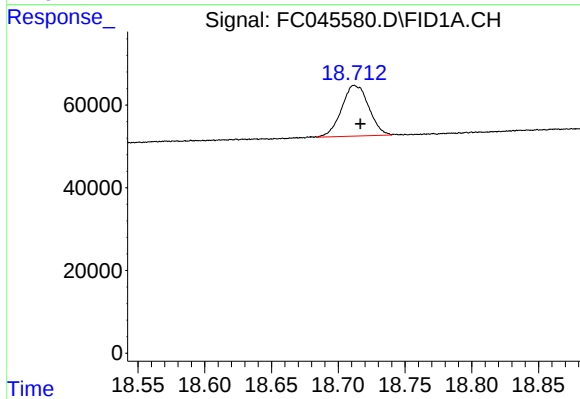
#16 n-Octacosane (C28)

R.T.: 16.999 min
Delta R.T.: -0.004 min
Response: 167126
Conc: 1.64 ug/ml m



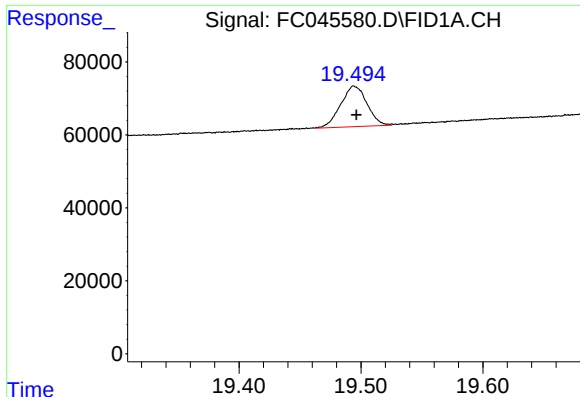
#17 n-Tricontane (C30)

R.T.: 17.885 min
Delta R.T.: -0.003 min
Response: 177929
Conc: 1.81 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: -0.005 min
Response: 172899
Conc: 2.08 ug/ml m



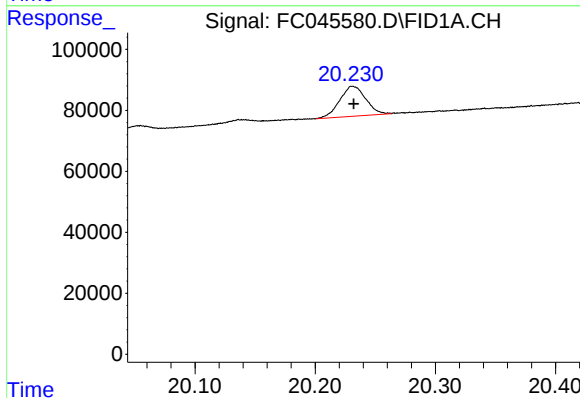
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: -0.002 min
Response: 167308
Conc: 2.36 ug/ml m

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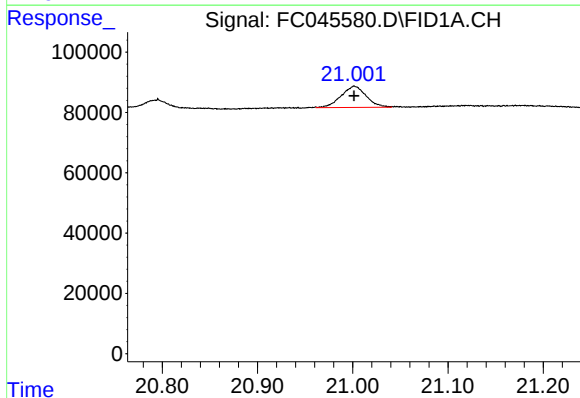
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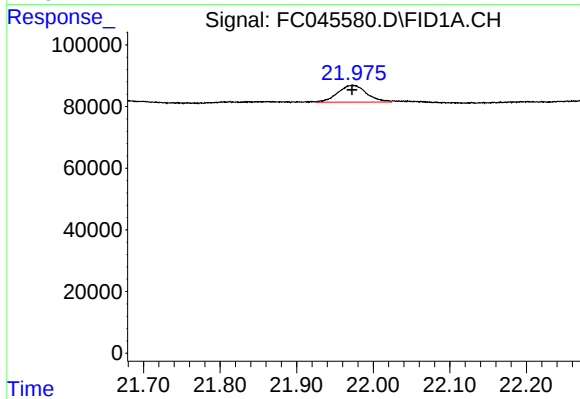
#20 n-Hexatriacontane (C36)

R.T.: 20.230 min
Delta R.T.: -0.002 min
Response: 148437
Conc: 2.32 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.001 min
Delta R.T.: 0.000 min
Response: 128455
Conc: 2.20 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: 0.003 min
Response: 142502
Conc: 2.42 ug/ml m