

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013120AL\
 Data File : FC045581.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jan 2020 13:02
 Operator : DD\AJ
 Sample : L1161-01
 Misc : LOD 4 PPM -SOIL (ALI)
 ALS Vial : 6 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 00:03:05 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

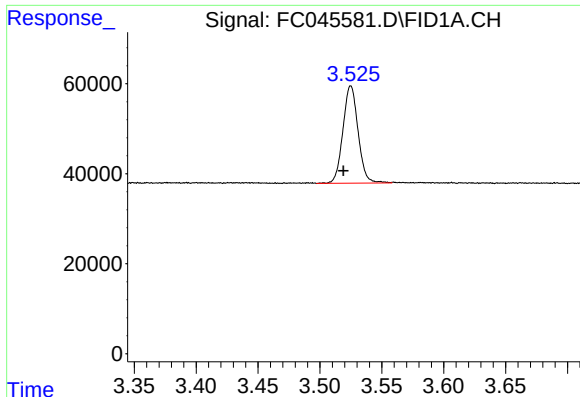
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.188	2230194	25.651 ug/ml
Spiked Amount 50.000		Recovery =	51.30%
Target Compounds			
1) T n-Nonane (C9)	3.525	184336	1.906 ug/mlm
2) T n-Decane (C10)	4.596	226886	2.343 ug/mlm
4) T n-Dodecane (C12)	6.611	291745	2.984 ug/mlm
6) T n-Tetradecane (C14)	8.400	300153	3.046 ug/ml
7) T n-Hexadecane (C16)	9.995	293811	2.935 ug/mlm
8) T n-Octadecane (C18)	11.432	304765	2.992 ug/mlm
10) T n-Eicosane (C20)	12.738	303632	2.961 ug/mlm
11) T n-Heneicosane (C21)	13.349	293378	2.834 ug/mlm
13) T n-Docosane (C22)	13.934	299703	2.905 ug/ml
14) T n-Tetracosane (C24)	15.033	292168	2.812 ug/ml
15) T n-Hexacosane (C26)	16.053	296476	2.870 ug/ml
16) T n-Octacosane (C28)	16.998	303822	2.972 ug/ml
17) T n-Tricontane (C30)	17.884	309613	3.154 ug/ml
18) T n-Dotriacontane (C32)	18.715	285081	3.426 ug/ml
19) T n-Tetratriacontane (C34)	19.493	252788	3.572 ug/ml
20) T n-Hexatriacontane (C36)	20.231	228830	3.569 ug/mlm
21) T n-Octatriacontane (C38)	21.002	202538	3.463 ug/mlm
22) T n-Tetracontane (C40)	21.966	206707	3.504 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.



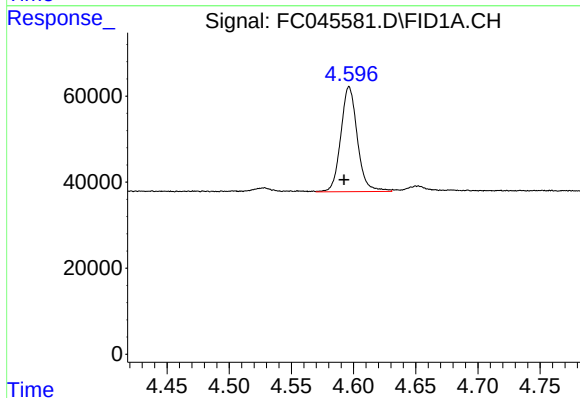
#1 n-Nonane (C9)

R.T.: 3.525 min
Delta R.T.: 0.006 min
Response: 184336
Conc: 1.91 ug/ml m

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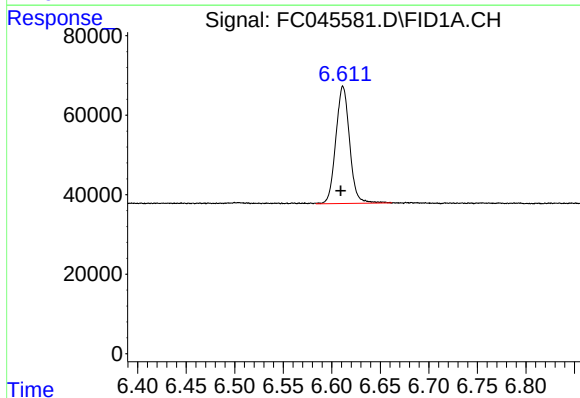
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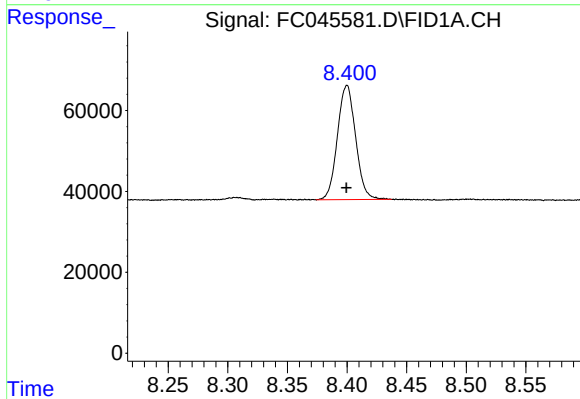
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: 0.004 min
Response: 226886
Conc: 2.34 ug/ml m



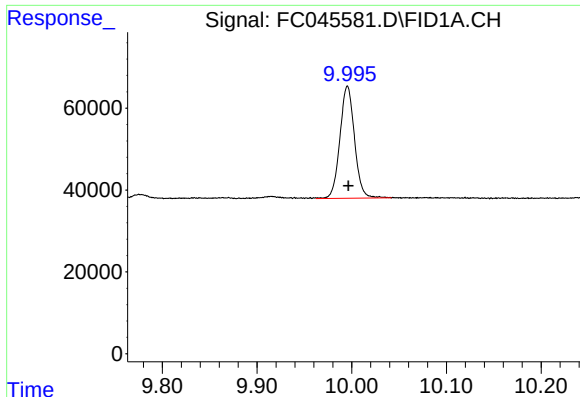
#4 n-Dodecane (C12)

R.T.: 6.611 min
Delta R.T.: 0.002 min
Response: 291745
Conc: 2.98 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 300153
Conc: 3.05 ug/ml



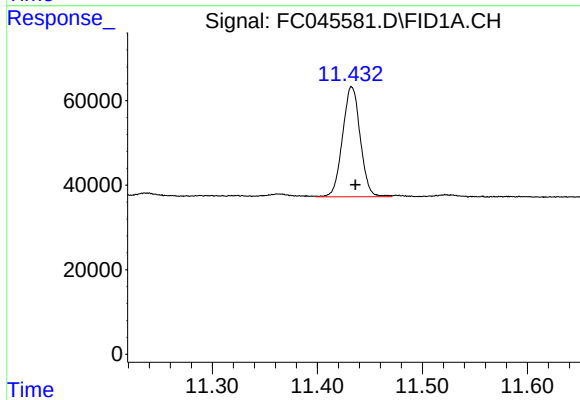
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.001 min
Response: 293811
Conc: 2.93 ug/ml m

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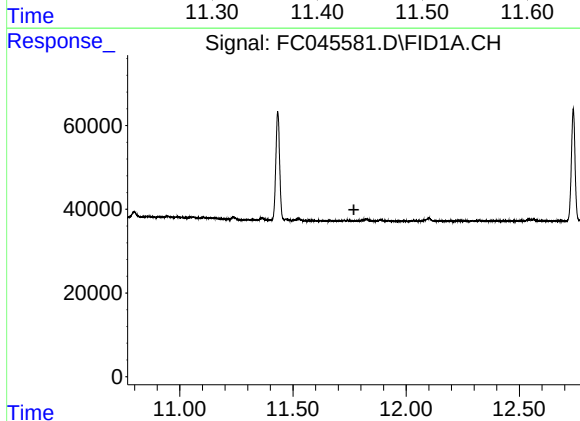
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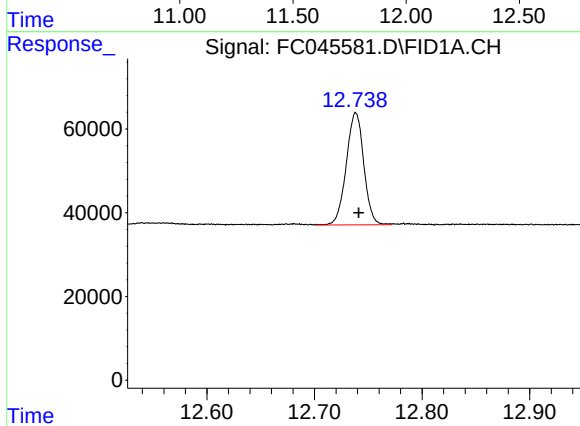
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: -0.004 min
Response: 304765
Conc: 2.99 ug/ml m



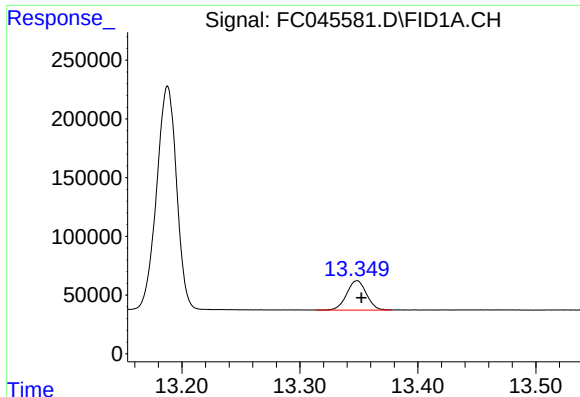
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.738 min
Delta R.T.: -0.004 min
Response: 303632
Conc: 2.96 ug/ml m



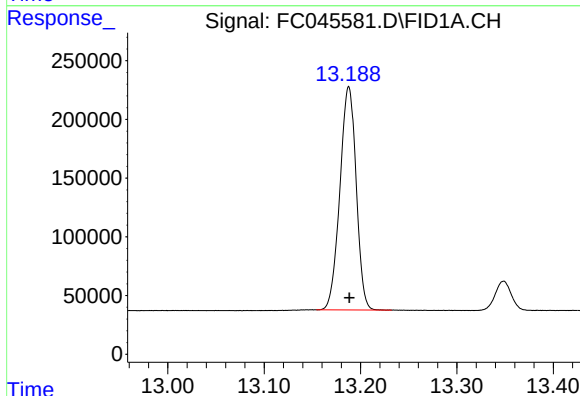
#11 n-Heneicosane (C21)

R.T.: 13.349 min
Delta R.T.: -0.004 min
Response: 293378
Conc: 2.83 ug/ml m

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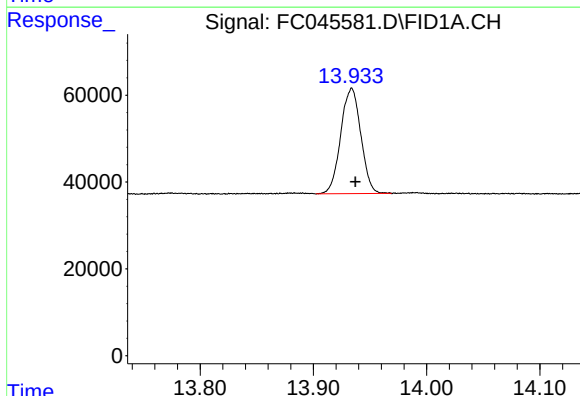
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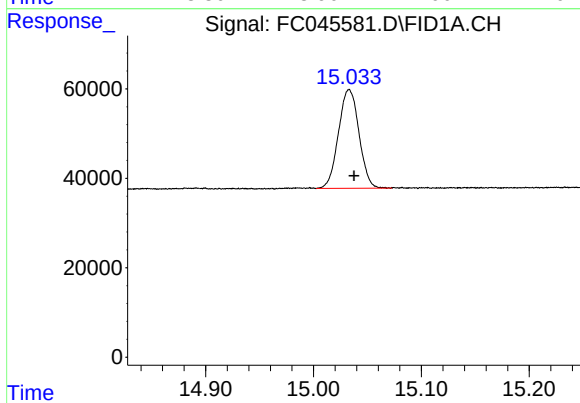
#12 1-chlorooctadecane (SURR)

R.T.: 13.188 min
Delta R.T.: 0.000 min
Response: 2230194
Conc: 25.65 ug/ml



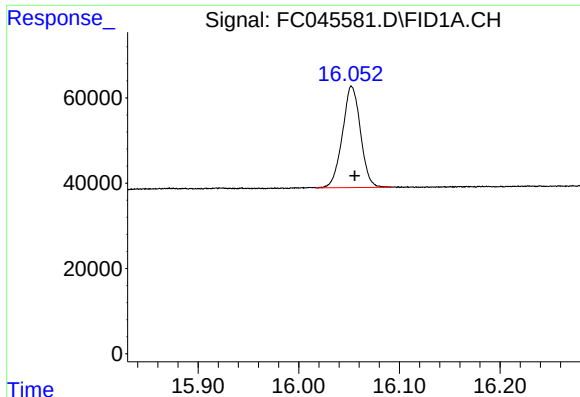
#13 n-Docosane (C22)

R.T.: 13.934 min
Delta R.T.: -0.003 min
Response: 299703
Conc: 2.90 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.033 min
Delta R.T.: -0.005 min
Response: 292168
Conc: 2.81 ug/ml



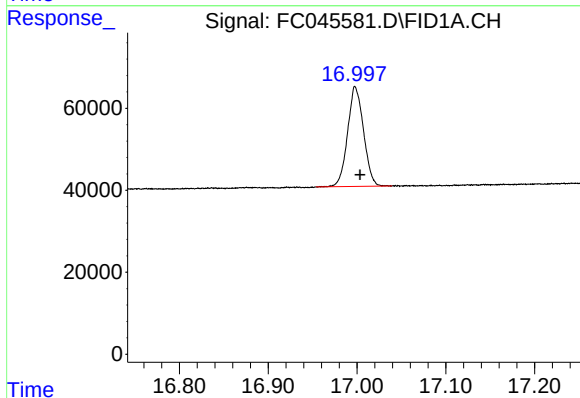
#15 n-Hexacosane (C26)

R.T.: 16.053 min
Delta R.T.: -0.003 min
Response: 296476
Conc: 2.87 ug/ml

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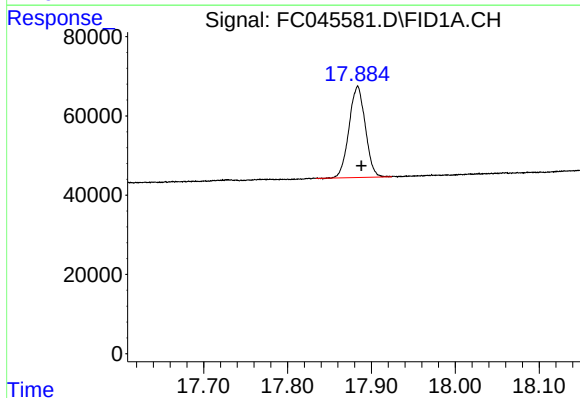
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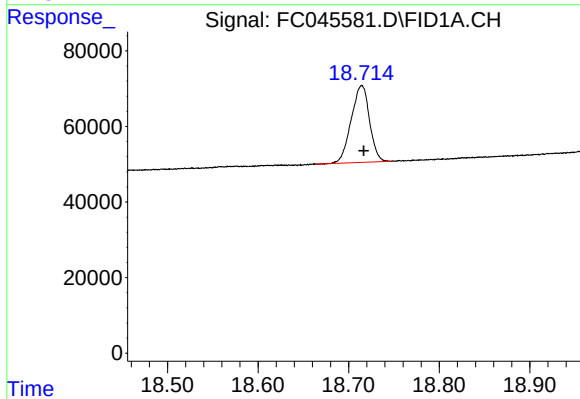
#16 n-Octacosane (C28)

R.T.: 16.998 min
Delta R.T.: -0.005 min
Response: 303822
Conc: 2.97 ug/ml



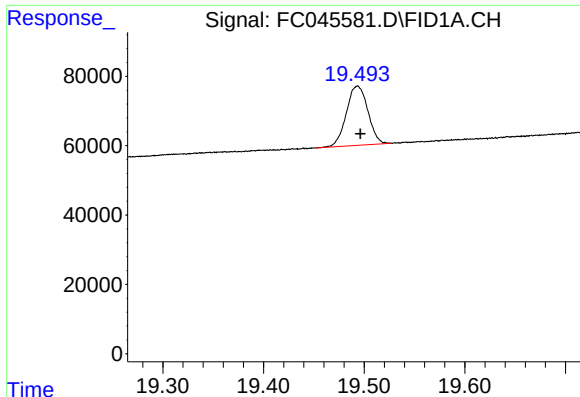
#17 n-Tricontane (C30)

R.T.: 17.884 min
Delta R.T.: -0.004 min
Response: 309613
Conc: 3.15 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.715 min
Delta R.T.: -0.002 min
Response: 285081
Conc: 3.43 ug/ml



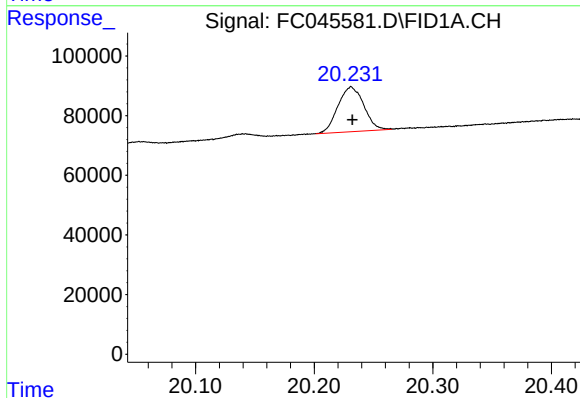
#19 n-Tetratriacontane (C34)

R.T.: 19.493 min
Delta R.T.: -0.003 min
Response: 252788
Conc: 3.57 ug/ml

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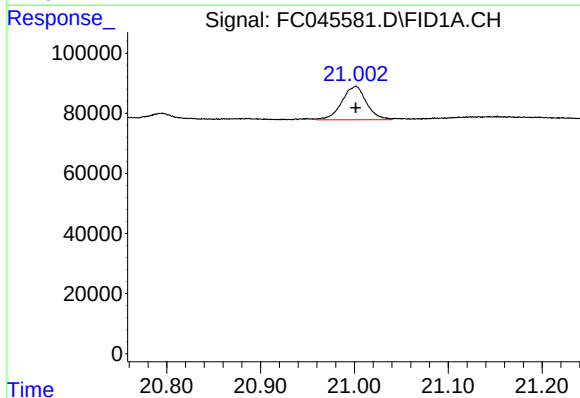
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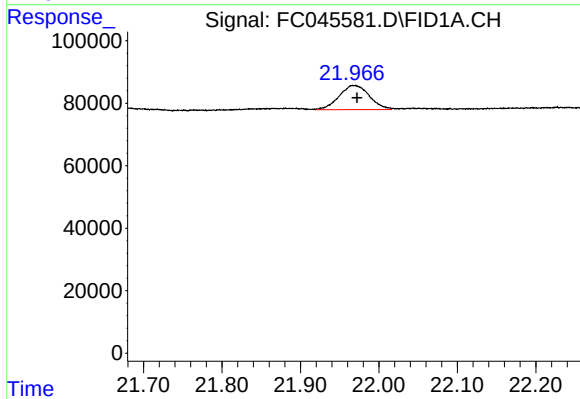
#20 n-Hexatriacontane (C36)

R.T.: 20.231 min
Delta R.T.: -0.001 min
Response: 228830
Conc: 3.57 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.002 min
Delta R.T.: 0.000 min
Response: 202538
Conc: 3.46 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.006 min
Response: 206707
Conc: 3.50 ug/ml m