

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013120AL\
 Data File : FC045584.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jan 2020 14:49
 Operator : DD\AJ
 Sample : L1161-07
 Misc : LOD 2.5 PPM -WATER (ALI)
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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 2/3/2020 2:38:37 PM

Integration File: autoint1.e
 Quant Time: Jan 31 23:50:52 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	3190726	36.698 ug/ml
Spiked Amount 50.000		Recovery =	73.40%
Target Compounds			
1) T n-Nonane (C9)	3.524	149843	1.549 ug/mlm
2) T n-Decane (C10)	4.595	178552	1.844 ug/mlm
4) T n-Dodecane (C12)	6.610	256762	2.626 ug/mlm
6) T n-Tetradecane (C14)	8.400	224813	2.281 ug/mlm
7) T n-Hexadecane (C16)	9.995	217886	2.176 ug/mlm
8) T n-Octadecane (C18)	11.432	227212	2.231 ug/mlm
10) T n-Eicosane (C20)	12.738	228497	2.228 ug/mlm
11) T n-Heneicosane (C21)	13.348	222907	2.154 ug/mlm
13) T n-Docosane (C22)	13.932	228050	2.210 ug/mlm
14) T n-Tetracosane (C24)	15.032	218741	2.105 ug/mlm
15) T n-Hexacosane (C26)	16.051	217454	2.105 ug/mlm
16) T n-Octacosane (C28)	16.999	227925	2.230 ug/mlm
17) T n-Tricontane (C30)	17.883	234090	2.385 ug/mlm
18) T n-Dotriacontane (C32)	18.713	218100	2.621 ug/ml
19) T n-Tetratriacontane (C34)	19.492	198652	2.807 ug/ml
20) T n-Hexatriacontane (C36)	20.230	172147	2.685 ug/ml
21) T n-Octatriacontane (C38)	20.999	146922	2.512 ug/mlm
22) T n-Tetracontane (C40)	21.972	158207	2.682 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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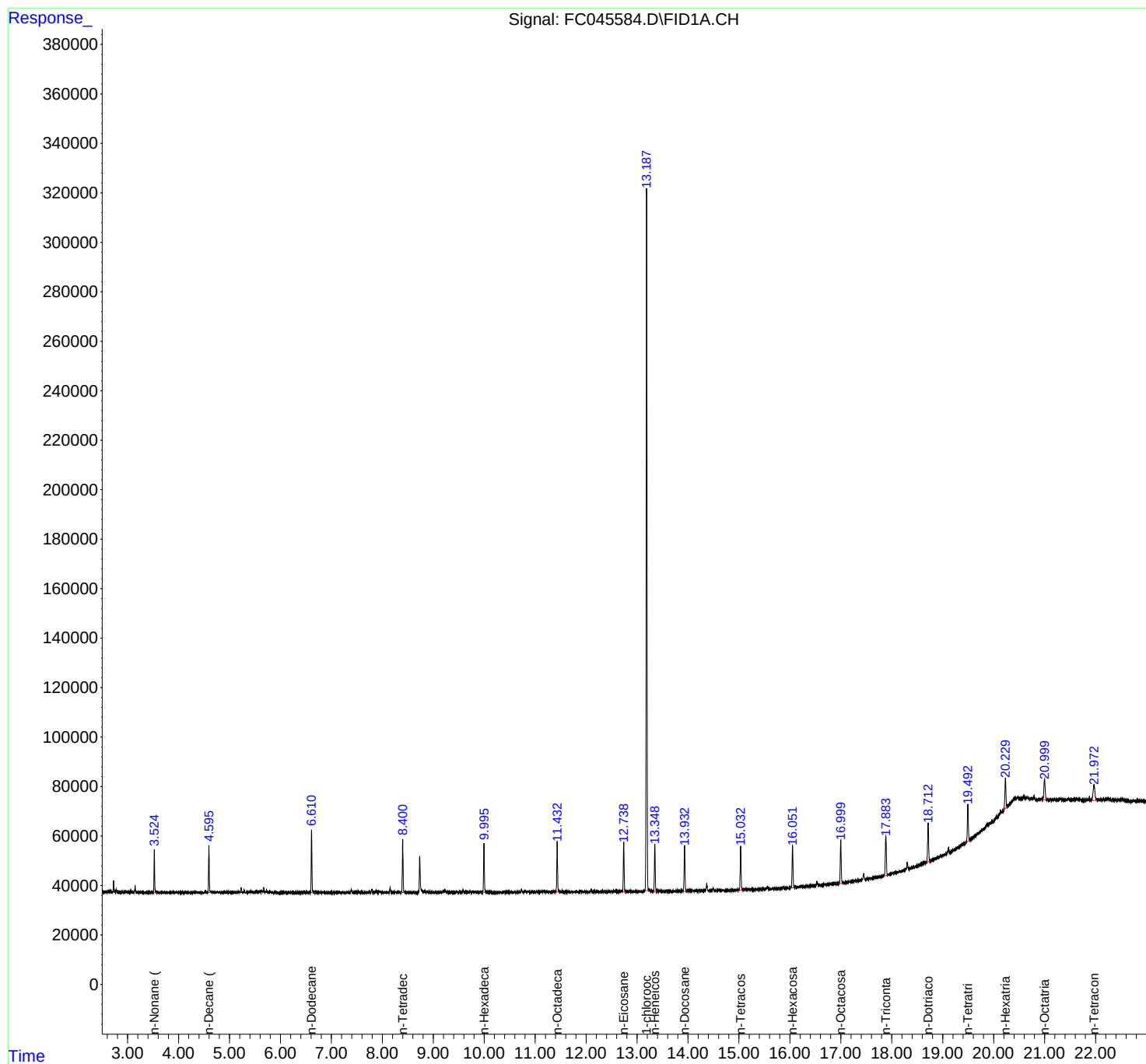
Instrument :
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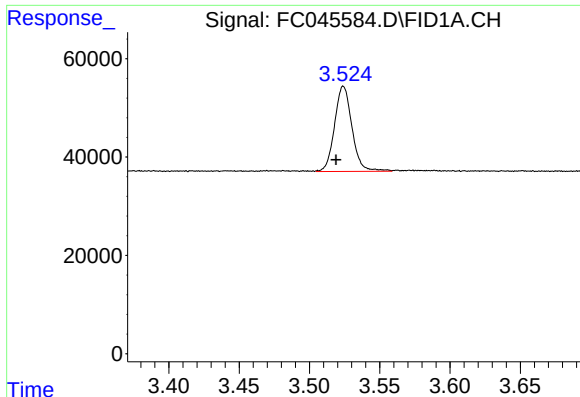
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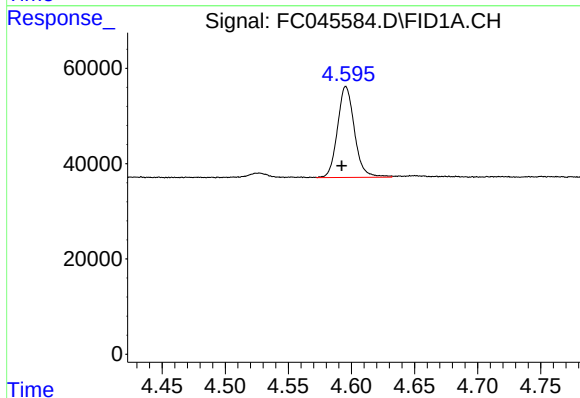
#1 n-Nonane (C9)

R.T.: 3.524 min
Delta R.T.: 0.005 min
Response: 149843
Conc: 1.55 ug/ml m

Instrument :
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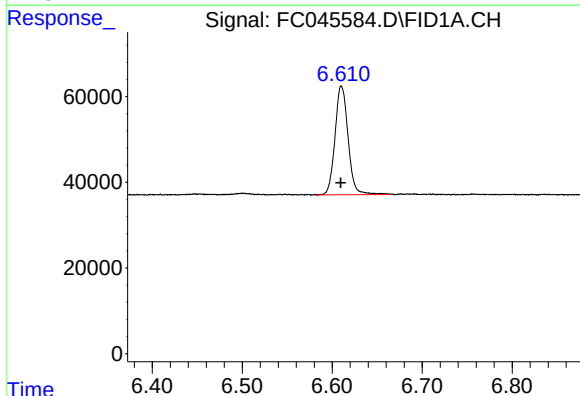
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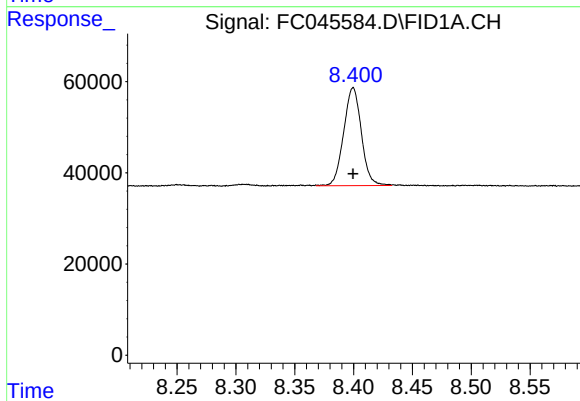
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.003 min
Response: 178552
Conc: 1.84 ug/ml m



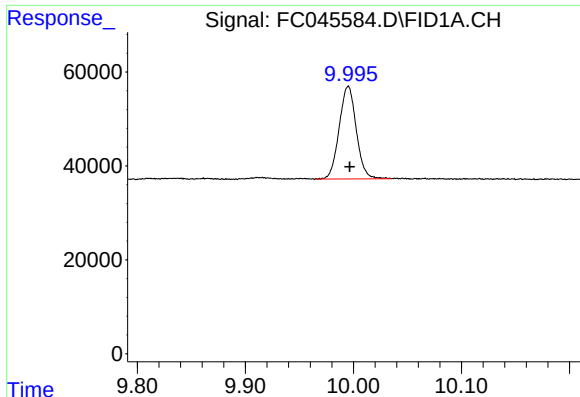
#4 n-Dodecane (C12)

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 256762
Conc: 2.63 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 224813
Conc: 2.28 ug/ml m



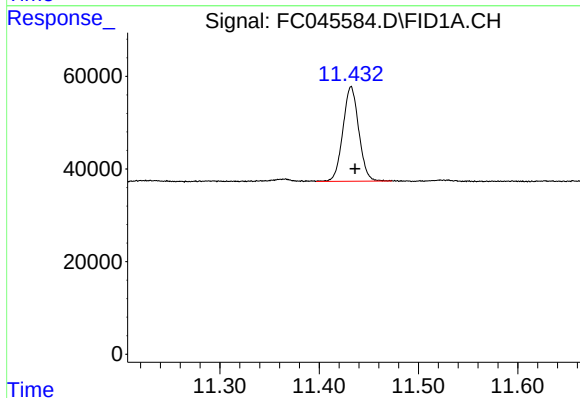
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.001 min
Response: 217886
Conc: 2.18 ug/ml m

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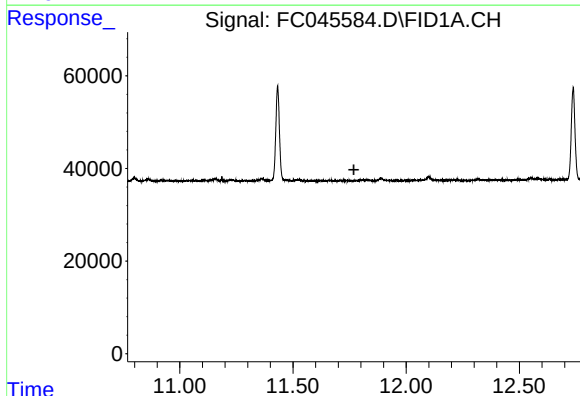
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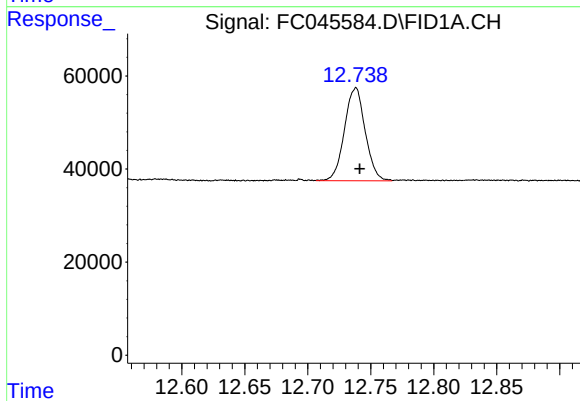
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: -0.004 min
Response: 227212
Conc: 2.23 ug/ml m



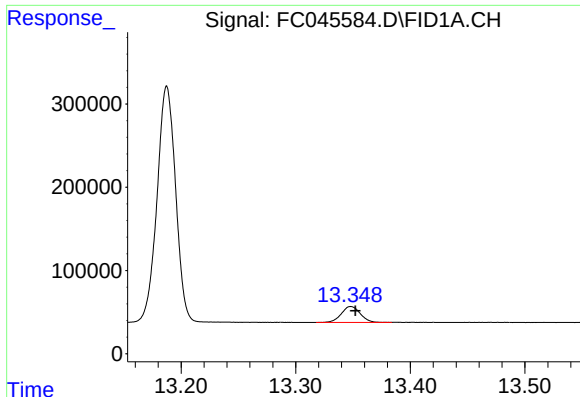
#9 ortho-Terphenyl (SURR)

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.: -0.003 min
Response: 228497
Conc: 2.23 ug/ml m



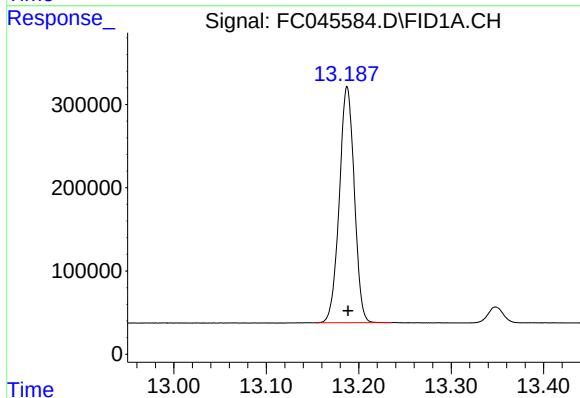
#11 n-Heneicosane (C21)

R.T.: 13.348 min
Delta R.T.: -0.005 min
Response: 222907
Conc: 2.15 ug/ml m

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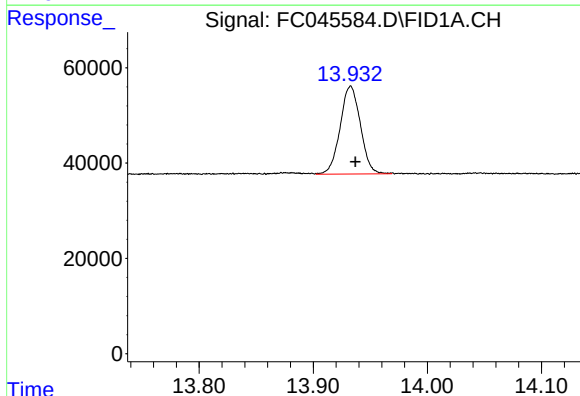
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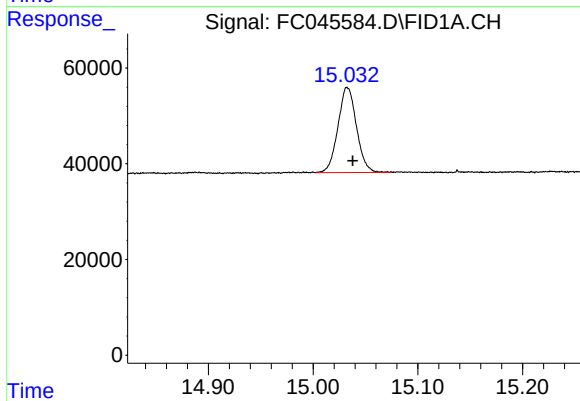
#12 1-chlorooctadecane (SURR)

R.T.: 13.188 min
Delta R.T.: 0.000 min
Response: 3190726
Conc: 36.70 ug/ml



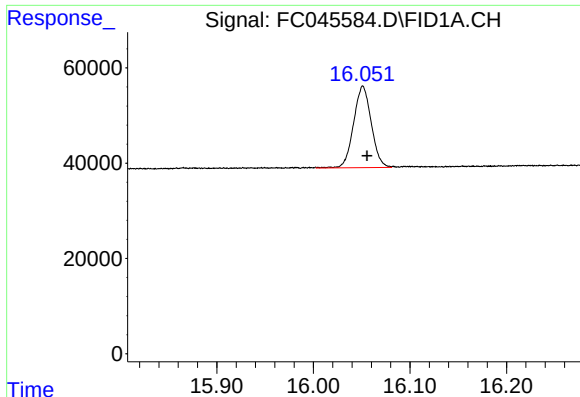
#13 n-Docosane (C22)

R.T.: 13.932 min
Delta R.T.: -0.005 min
Response: 228050
Conc: 2.21 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: -0.005 min
Response: 218741
Conc: 2.11 ug/ml m



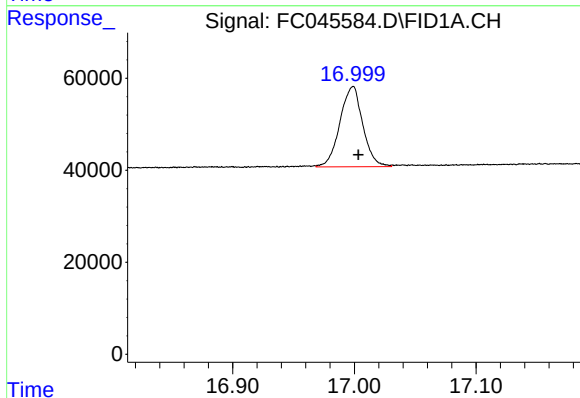
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: -0.005 min
Response: 217454
Conc: 2.10 ug/ml m

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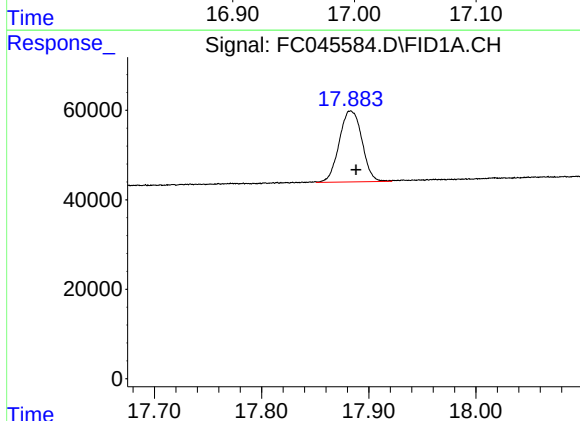
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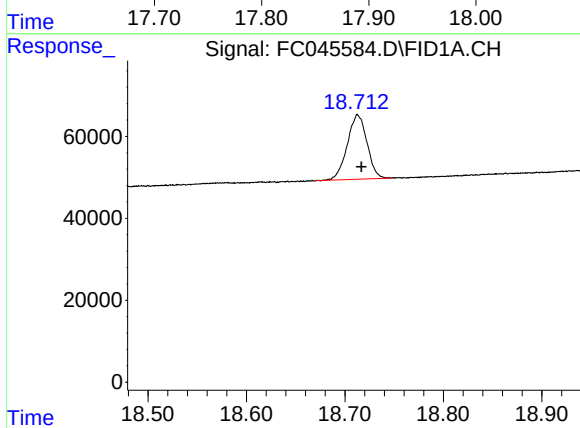
#16 n-Octacosane (C28)

R.T.: 16.999 min
Delta R.T.: -0.004 min
Response: 227925
Conc: 2.23 ug/ml m



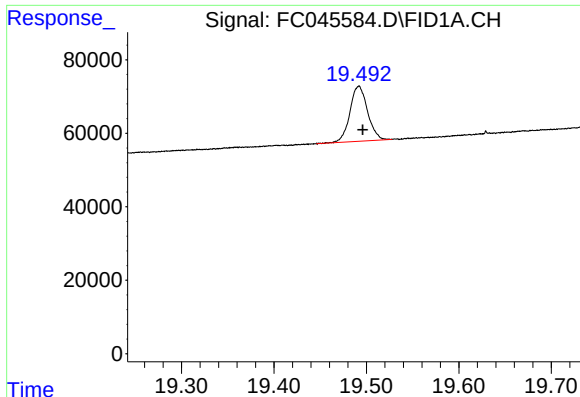
#17 n-Tricontane (C30)

R.T.: 17.883 min
Delta R.T.: -0.005 min
Response: 234090
Conc: 2.38 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: -0.004 min
Response: 218100
Conc: 2.62 ug/ml



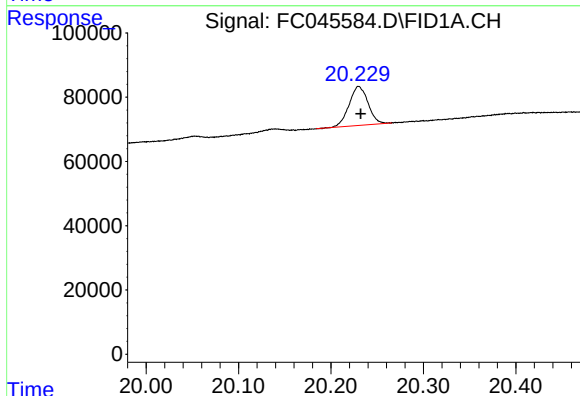
#19 n-Tetratriacontane (C34)

R.T.: 19.492 min
Delta R.T.: -0.004 min
Response: 198652
Conc: 2.81 ug/ml

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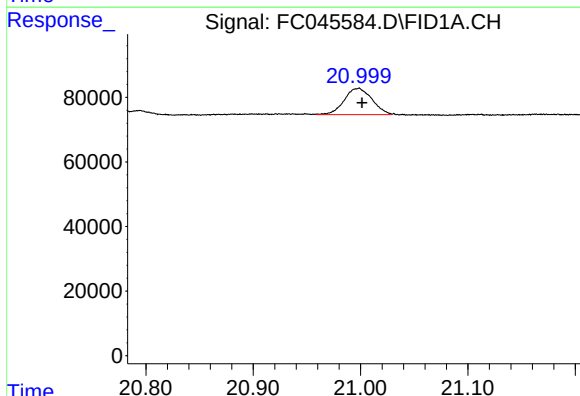
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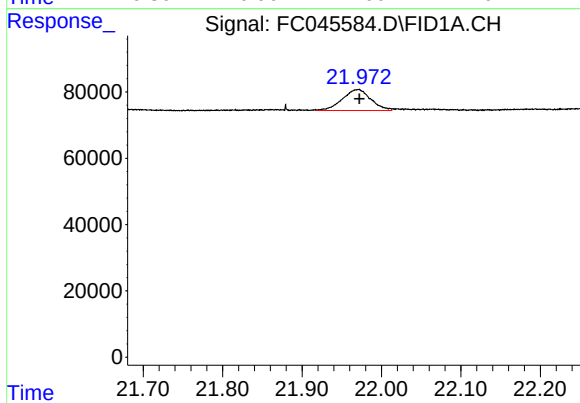
#20 n-Hexatriacontane (C36)

R.T.: 20.230 min
Delta R.T.: -0.002 min
Response: 172147
Conc: 2.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.999 min
Delta R.T.: -0.003 min
Response: 146922
Conc: 2.51 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.000 min
Response: 158207
Conc: 2.68 ug/ml m