

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052120AL\
 Data File : FC047535.D
 Signal(s) : FID1A.CH
 Acq On : 21 May 2020 9:25
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-SOIL- 4 PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Manual Integrations
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 5/22/2020 4:06:04 PM

Integration File: autoint1.e
 Quant Time: May 22 01:57:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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...	13.151	4151915	42.331 ug/ml
Spiked Amount 50.000		Recovery =	84.66%
Target Compounds			
1) T n-Nonane (C9)	3.548	276036	2.723 ug/mlm
2) T n-Decane (C10)	4.610	350872	3.434 ug/mlm
4) T n-Dodecane (C12)	6.610	494108	4.678 ug/ml
6) T n-Tetradecane (C14)	8.387	423442	4.003 ug/ml
7) T n-Hexadecane (C16)	9.973	434331	4.105 ug/ml
8) T n-Octadecane (C18)	11.403	481005	4.296 ug/ml
10) T n-Eicosane (C20)	12.702	482414	4.240 ug/ml
11) T n-Heneicosane (C21)	13.309	468190	4.118 ug/ml
13) T n-Docosane (C22)	13.892	481173	4.234 ug/ml
14) T n-Tetracosane (C24)	14.988	475570	4.203 ug/ml
15) T n-Hexacosane (C26)	16.002	449857	4.016 ug/ml
16) T n-Octacosane (C28)	16.945	463999	4.160 ug/ml
17) T n-Tricontane (C30)	17.827	474250	4.386 ug/ml
18) T n-Dotriacontane (C32)	18.655	464681	4.712 ug/ml
19) T n-Tetratriacontane (C34)	19.431	450947	4.916 ug/ml
20) T n-Hexatriacontane (C36)	20.165	428802	4.944 ug/ml
21) T n-Octatriacontane (C38)	20.919	408288	5.060 ug/ml
22) T n-Tetracontane (C40)	21.862	393942	4.844 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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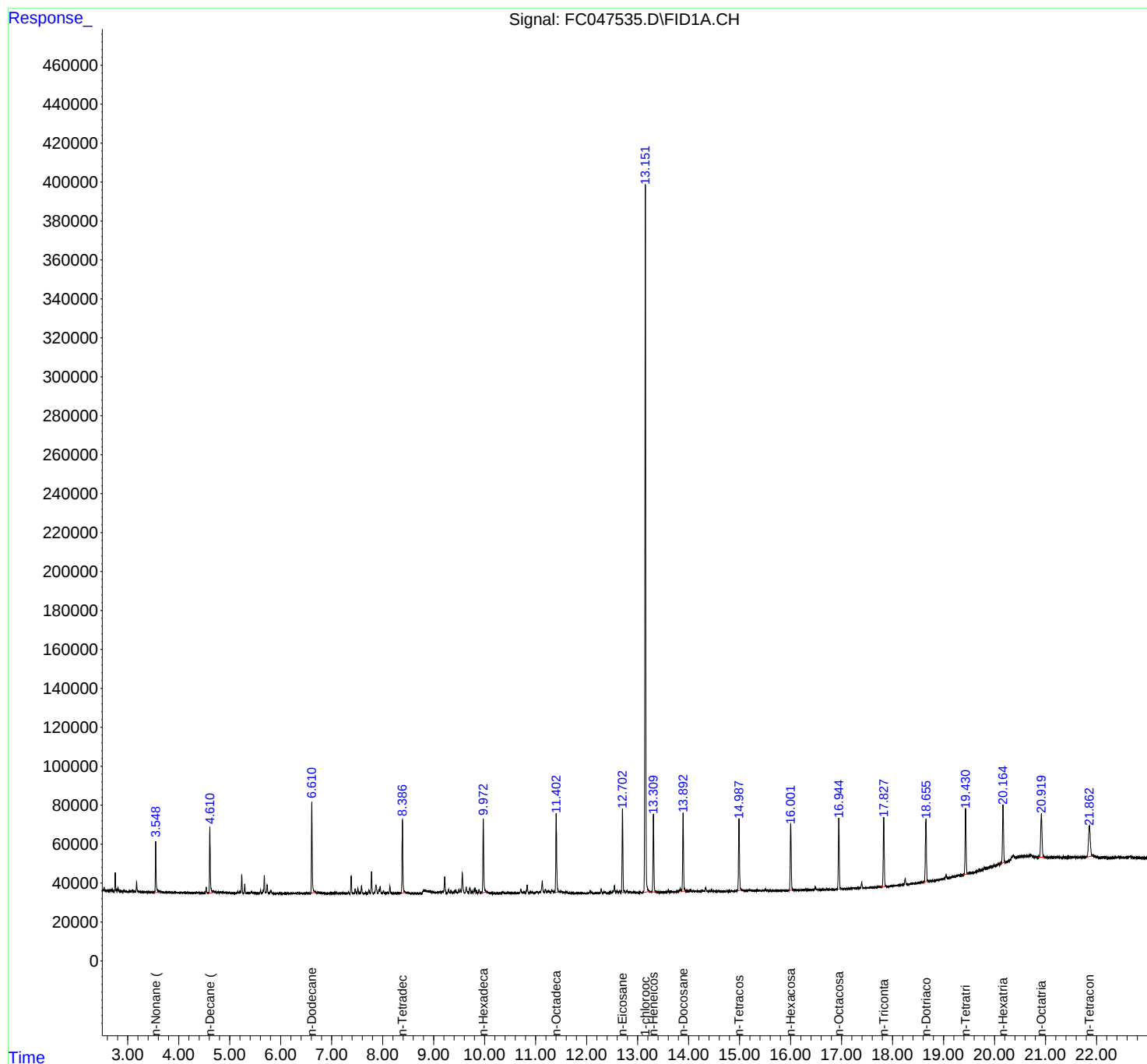
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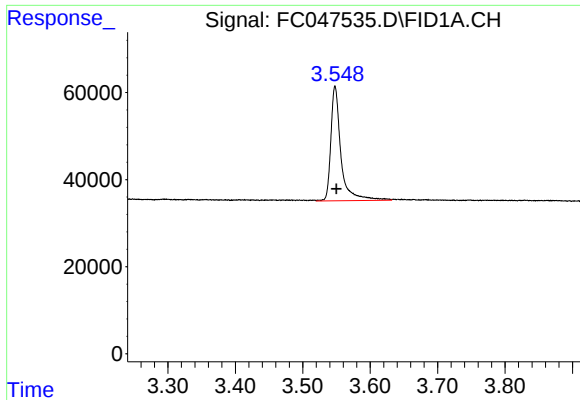
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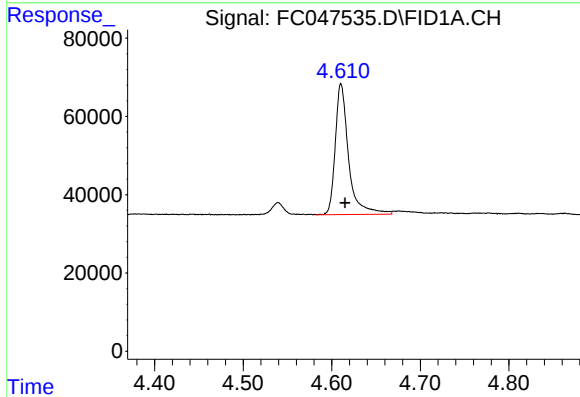
#1 n-Nonane (C9)

R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 276036
Conc: 2.72 ug/ml m

Instrument :
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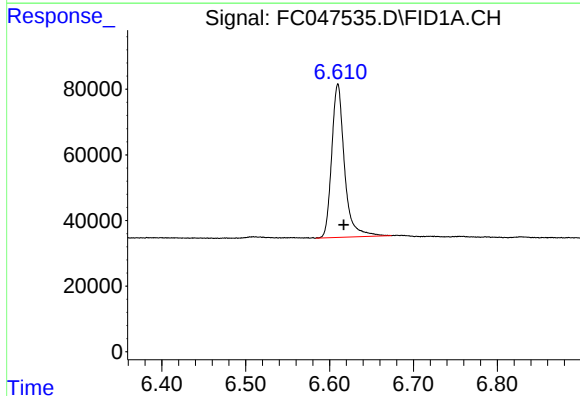
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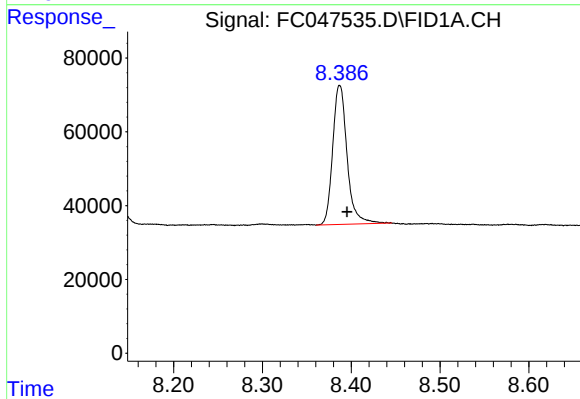
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.005 min
Response: 350872
Conc: 3.43 ug/ml m



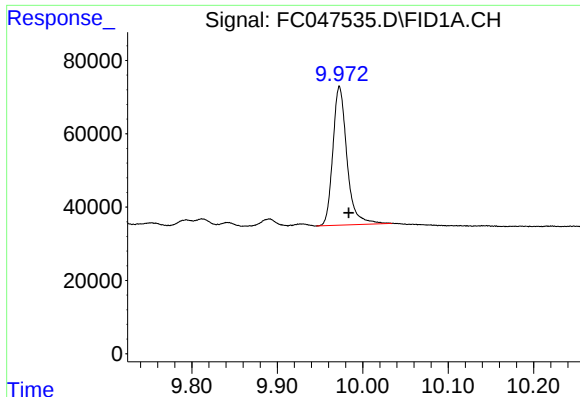
#4 n-Dodecane (C12)

R.T.: 6.610 min
Delta R.T.: -0.007 min
Response: 494108
Conc: 4.68 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.387 min
Delta R.T.: -0.008 min
Response: 423442
Conc: 4.00 ug/ml



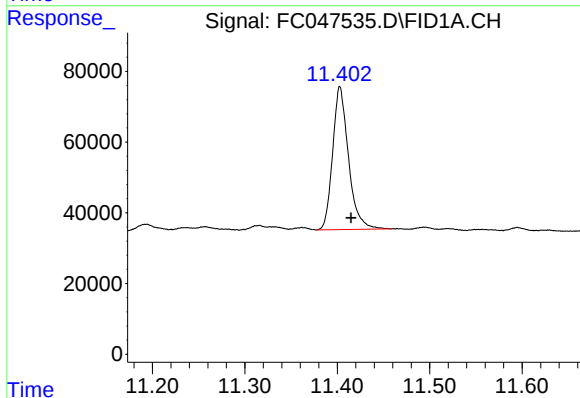
#7 n-Hexadecane (C16)

R.T.: 9.973 min
Delta R.T.: -0.011 min
Response: 434331
Conc: 4.10 ug/ml

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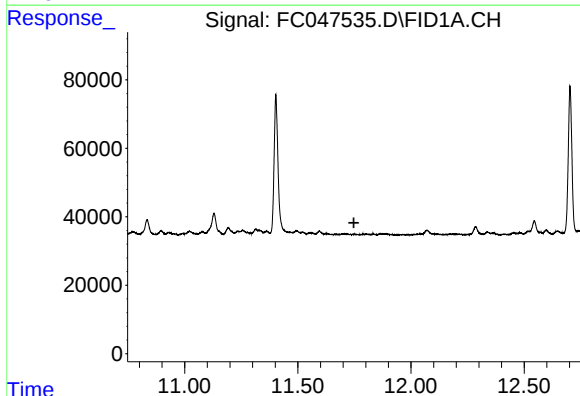
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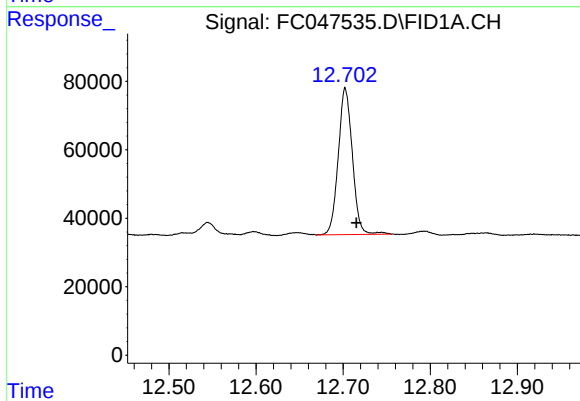
#8 n-Octadecane (C18)

R.T.: 11.403 min
Delta R.T.: -0.012 min
Response: 481005
Conc: 4.30 ug/ml



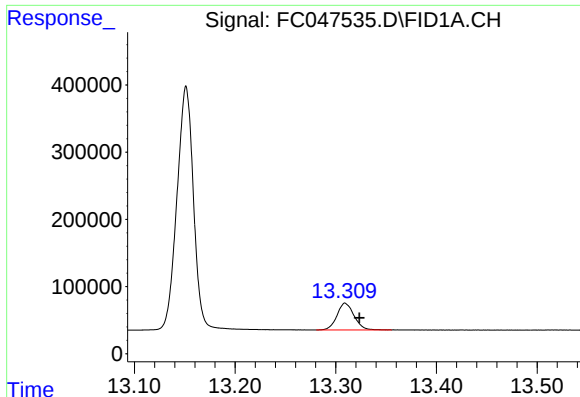
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.748 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.702 min
Delta R.T.: -0.013 min
Response: 482414
Conc: 4.24 ug/ml



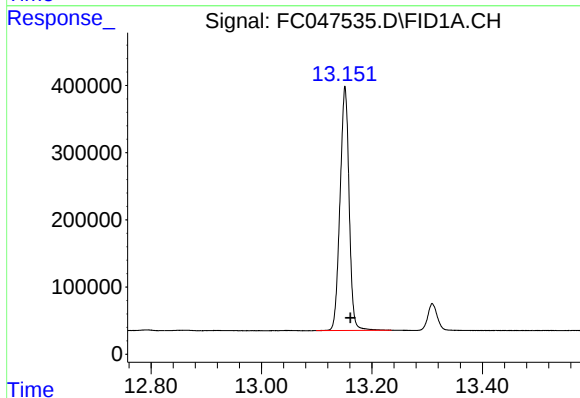
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: -0.014 min
Response: 468190
Conc: 4.12 ug/ml

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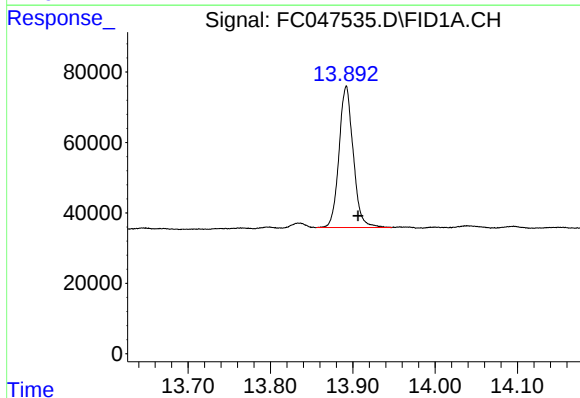
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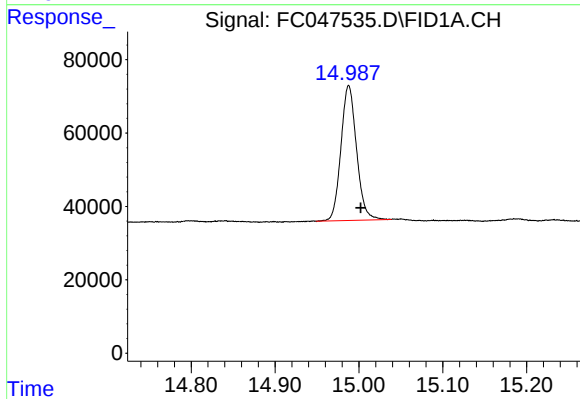
#12 1-chlorooctadecane (SURR)

R.T.: 13.151 min
Delta R.T.: -0.010 min
Response: 4151915
Conc: 42.33 ug/ml



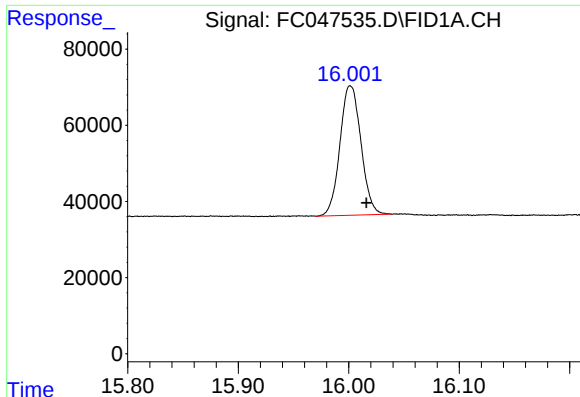
#13 n-Docosane (C22)

R.T.: 13.892 min
Delta R.T.: -0.014 min
Response: 481173
Conc: 4.23 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.988 min
Delta R.T.: -0.014 min
Response: 475570
Conc: 4.20 ug/ml



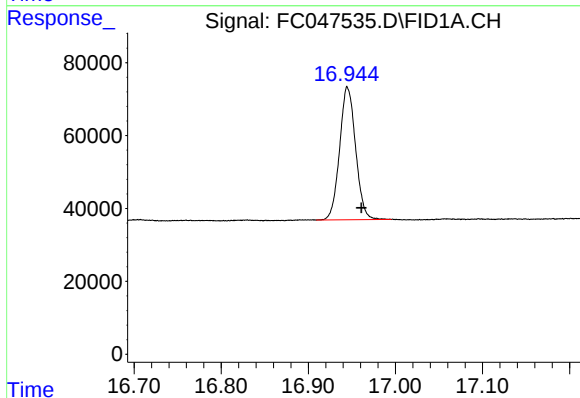
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: -0.014 min
Response: 449857
Conc: 4.02 ug/ml

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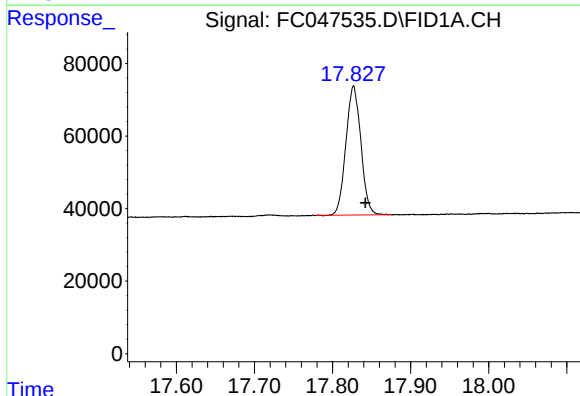
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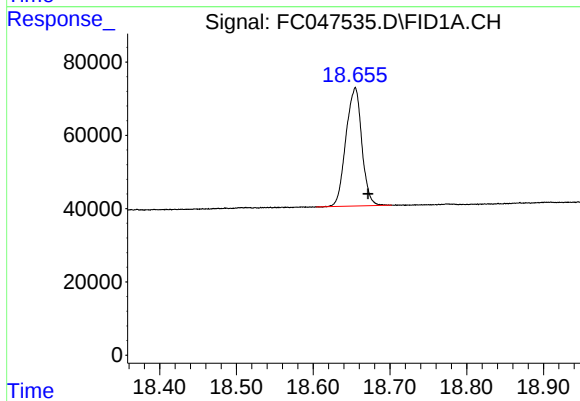
#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: -0.016 min
Response: 463999
Conc: 4.16 ug/ml



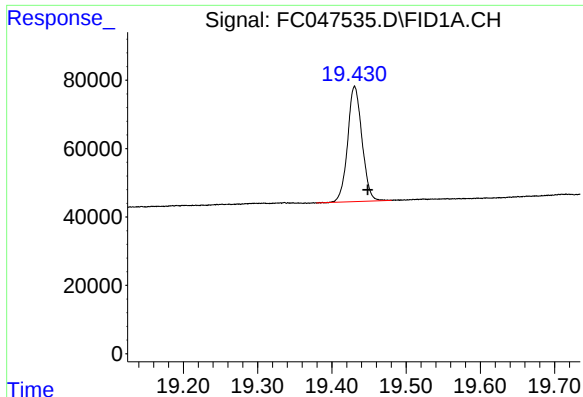
#17 n-Tricontane (C30)

R.T.: 17.827 min
Delta R.T.: -0.015 min
Response: 474250
Conc: 4.39 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: -0.017 min
Response: 464681
Conc: 4.71 ug/ml



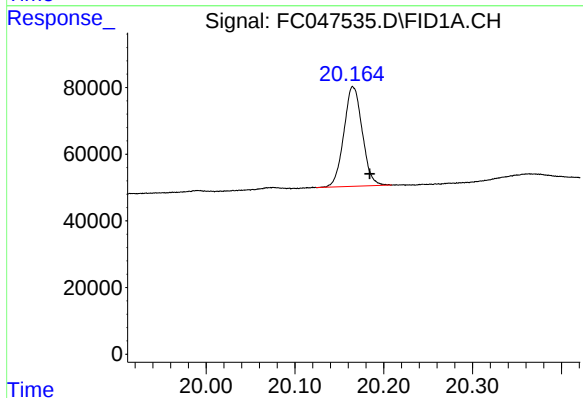
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min
Delta R.T.: -0.018 min
Response: 450947
Conc: 4.92 ug/ml

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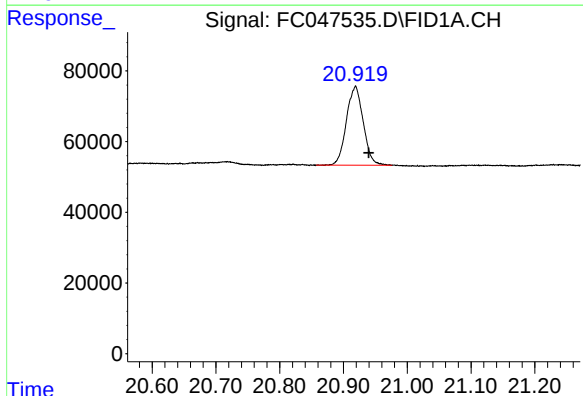
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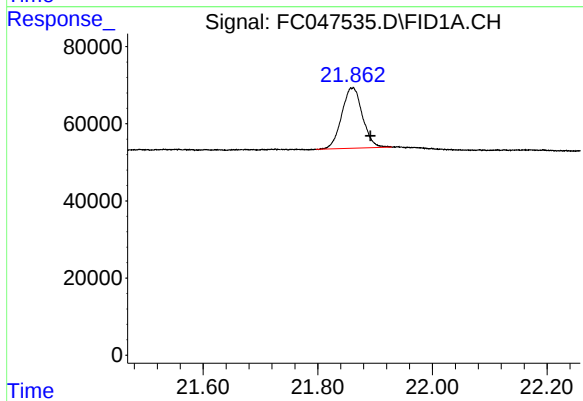
#20 n-Hexatriacontane (C36)

R.T.: 20.165 min
Delta R.T.: -0.019 min
Response: 428802
Conc: 4.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.919 min
Delta R.T.: -0.021 min
Response: 408288
Conc: 5.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.862 min
Delta R.T.: -0.030 min
Response: 393942
Conc: 4.84 ug/ml