

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
 Data File : FC060187.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2022 12:21
 Operator : UA/NP
 Sample : N1645-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Integration File: autoint1.e
 Quant Time: Jun 10 23:04:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 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...	12.018	4530414	36.539 ug/ml
Spiked Amount 50.000		Recovery =	73.08%
Target Compounds			
1) T n-Nonane (C9)	2.640	360992	2.821 ug/ml
2) T n-Decane (C10)	3.636	467872	3.657 ug/ml
4) T n-Dodecane (C12)	5.582	793038	5.949 ug/ml
6) T n-Tetradecane (C14)	7.332	631371	4.625 ug/ml
7) T n-Hexadecane (C16)	8.893	641002	4.569 ug/ml
8) T n-Octadecane (C18)	10.300	699378	4.887 ug/ml
10) T n-Eicosane (C20)	11.580	749117	5.251 ug/ml
11) T n-Heneicosane (C21)	12.178	766903	5.350 ug/ml
13) T n-Docosane (C22)	12.750	767000	5.383 ug/ml
14) T n-Tetracosane (C24)	13.826	770848	5.493 ug/ml
15) T n-Hexacosane (C26)	14.824	736545	5.439 ug/ml
16) T n-Octacosane (C28)	15.750	719328	5.523 ug/ml
17) T n-Tricontane (C30)	16.616	712800	5.822 ug/ml
18) T n-Dotriacontane (C32)	17.430	730308	6.550 ug/ml
19) T n-Tetratriacontane (C34)	18.194	609565	5.976 ug/ml
20) T n-Hexatriacontane (C36)	18.915	502865	5.310 ug/ml
21) T n-Octatriacontane (C38)	19.598	469053	5.084 ug/ml
22) T n-Tetracontane (C40)	20.247	474315	5.041 ug/ml

(f)=RT Delta > 1/2 Window

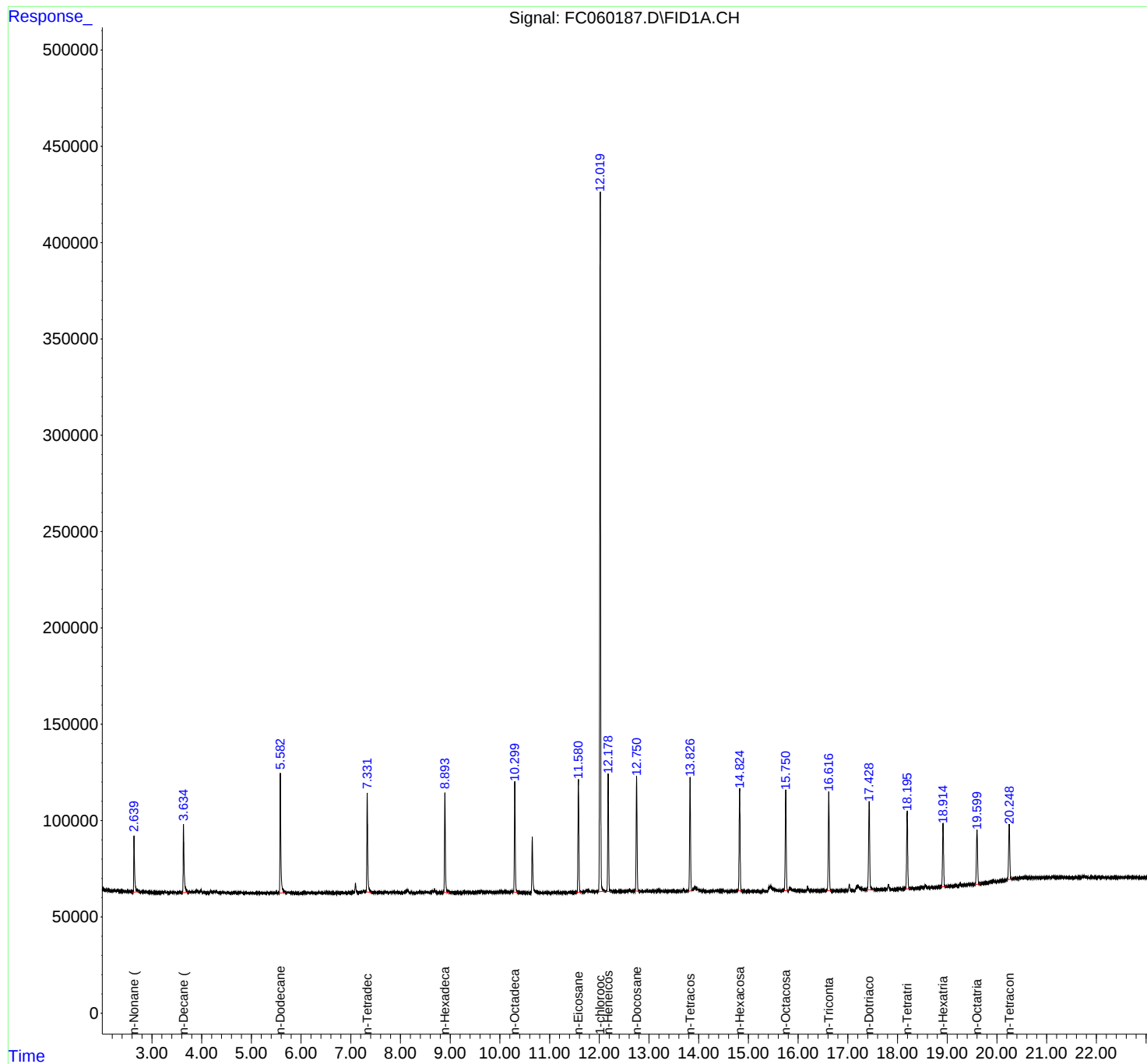
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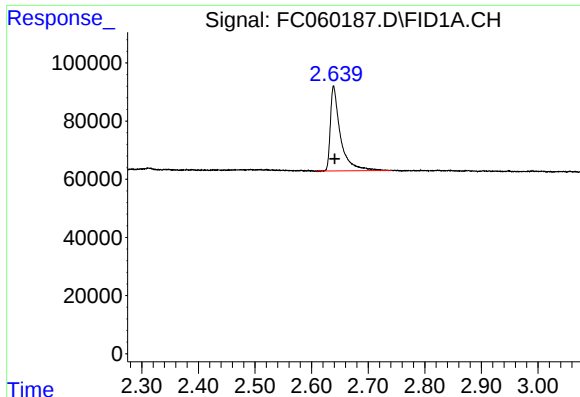
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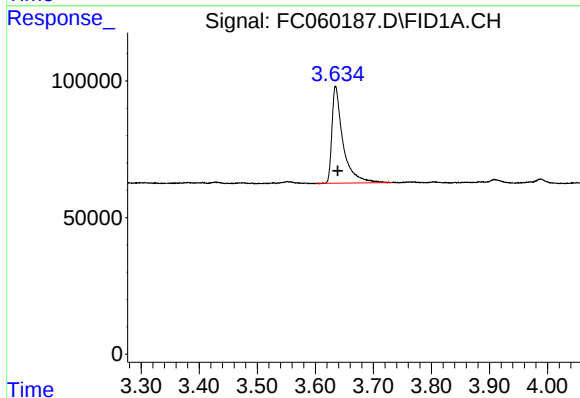




#1 n-Nonane (C9)

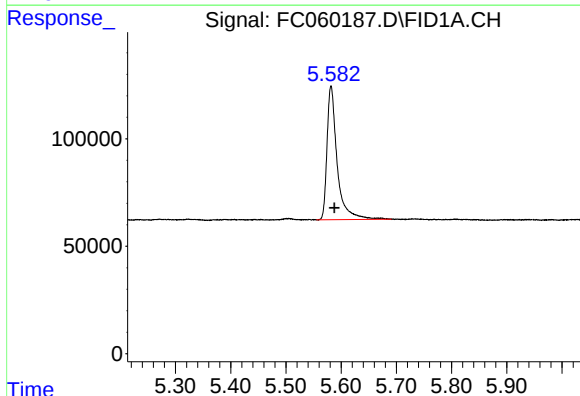
R.T.: 2.640 min
Delta R.T.: -0.001 min
Response: 360992
Conc: 2.82 ug/ml

Instrument :
FID_C
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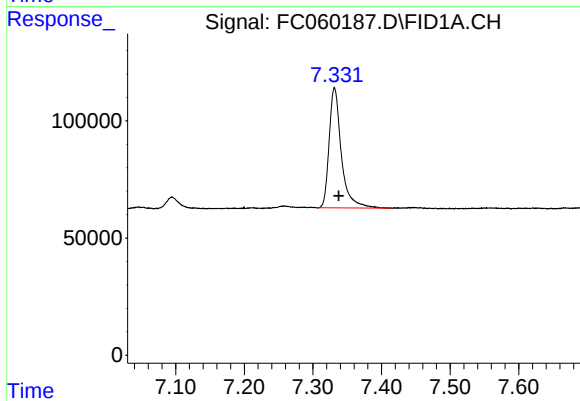
#2 n-Decane (C10)

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 467872
Conc: 3.66 ug/ml



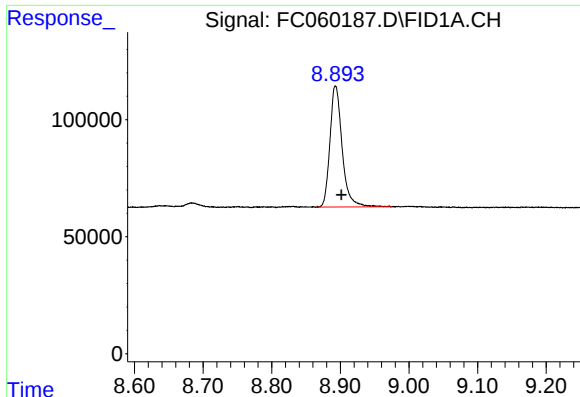
#4 n-Dodecane (C12)

R.T.: 5.582 min
Delta R.T.: -0.006 min
Response: 793038
Conc: 5.95 ug/ml



#6 n-Tetradecane (C14)

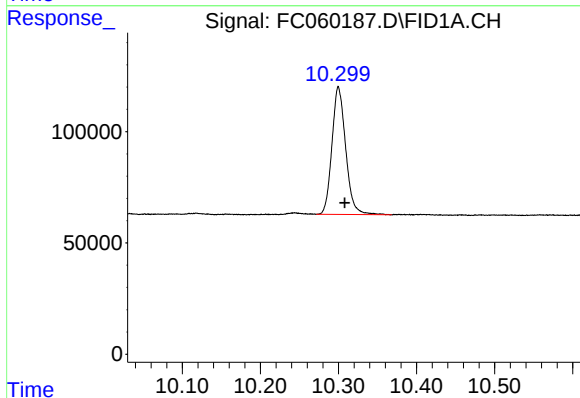
R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 631371
Conc: 4.62 ug/ml



#7 n-Hexadecane (C16)

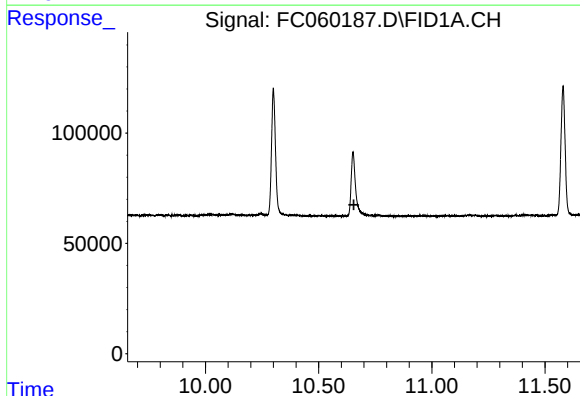
R.T.: 8.893 min
Delta R.T.: -0.008 min
Response: 641002
Conc: 4.57 ug/ml

Instrument :
FID_C
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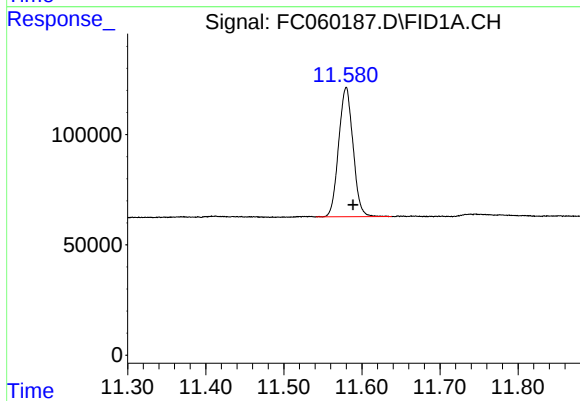
#8 n-Octadecane (C18)

R.T.: 10.300 min
Delta R.T.: -0.008 min
Response: 699378
Conc: 4.89 ug/ml



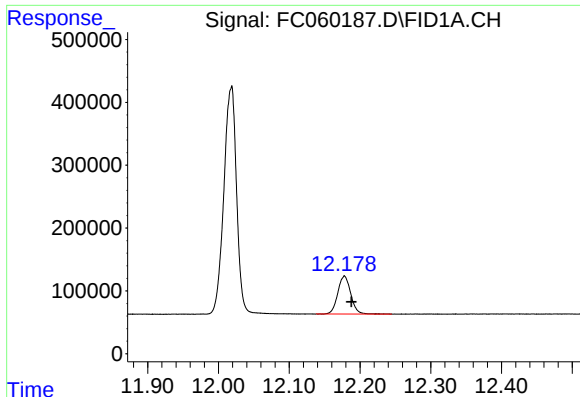
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 10.656 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

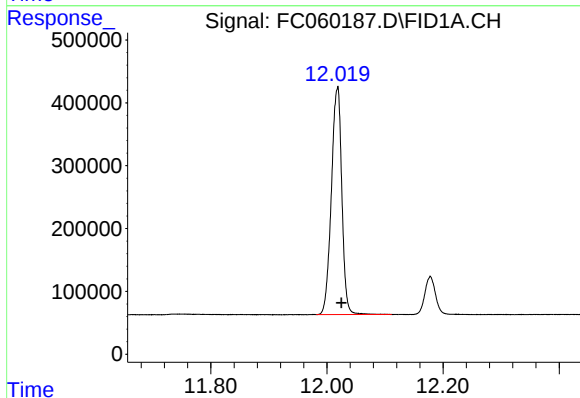
R.T.: 11.580 min
Delta R.T.: -0.009 min
Response: 749117
Conc: 5.25 ug/ml



#11 n-Heneicosane (C21)

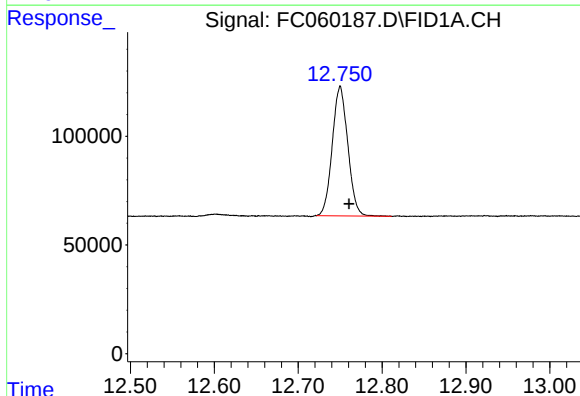
R.T.: 12.178 min
Delta R.T.: -0.010 min
Response: 766903
Conc: 5.35 ug/ml

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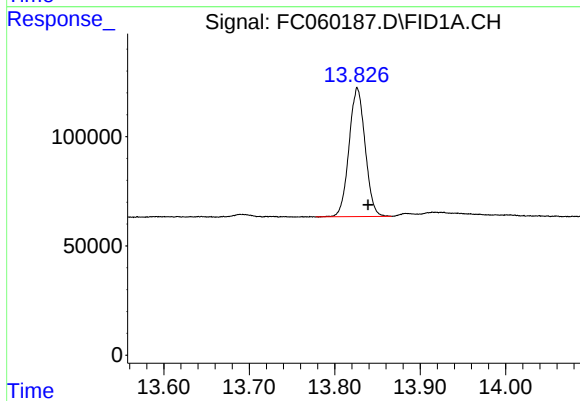
#12 1-chlorooctadecane (SURR)

R.T.: 12.018 min
Delta R.T.: -0.007 min
Response: 4530414
Conc: 36.54 ug/ml



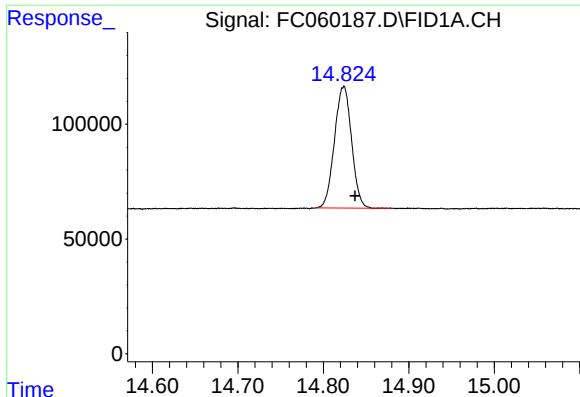
#13 n-Docosane (C22)

R.T.: 12.750 min
Delta R.T.: -0.011 min
Response: 767000
Conc: 5.38 ug/ml



#14 n-Tetracosane (C24)

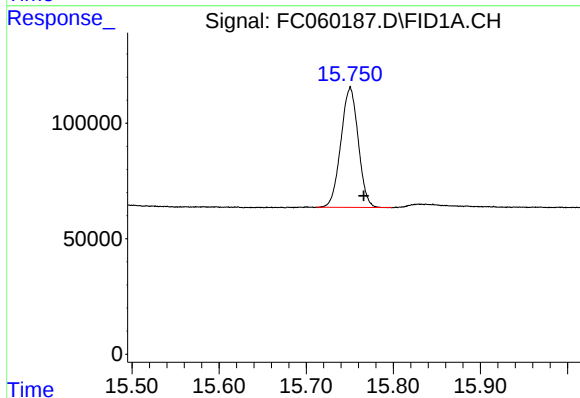
R.T.: 13.826 min
Delta R.T.: -0.013 min
Response: 770848
Conc: 5.49 ug/ml



#15 n-Hexacosane (C26)

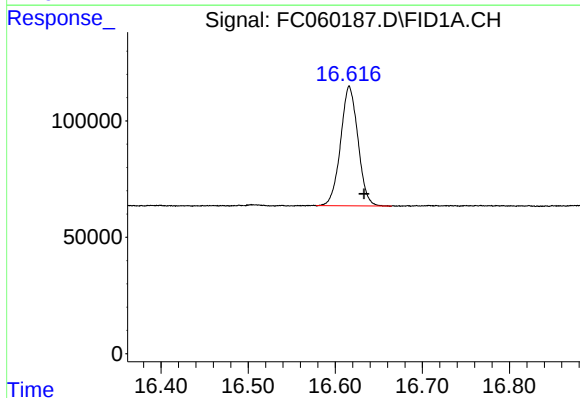
R.T.: 14.824 min
Delta R.T.: -0.014 min
Response: 736545
Conc: 5.44 ug/ml

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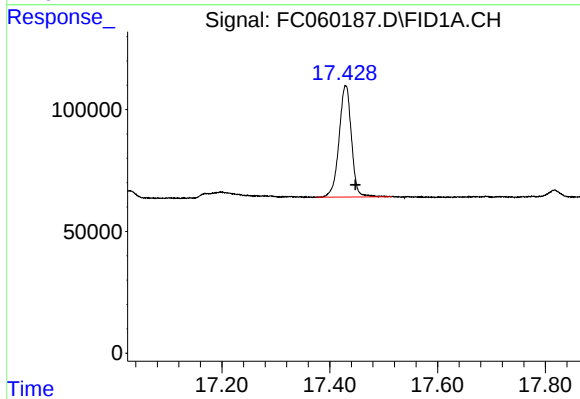
#16 n-Octacosane (C28)

R.T.: 15.750 min
Delta R.T.: -0.016 min
Response: 719328
Conc: 5.52 ug/ml



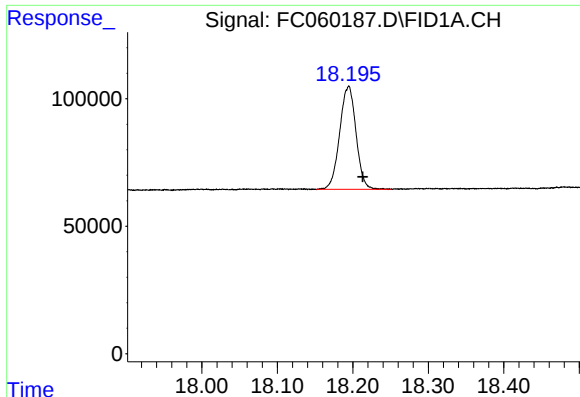
#17 n-Tricontane (C30)

R.T.: 16.616 min
Delta R.T.: -0.017 min
Response: 712800
Conc: 5.82 ug/ml



#18 n-Dotriacontane (C32)

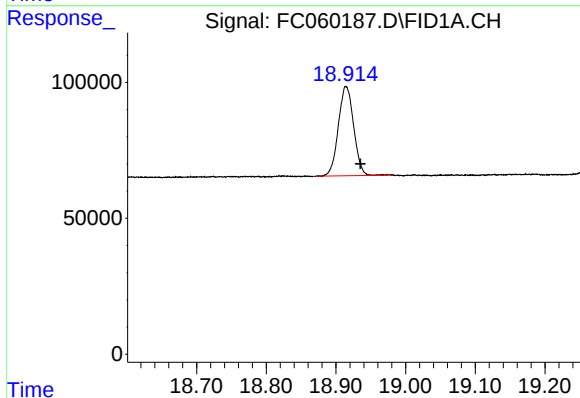
R.T.: 17.430 min
Delta R.T.: -0.018 min
Response: 730308
Conc: 6.55 ug/ml



#19 n-Tetratriacontane (C34)

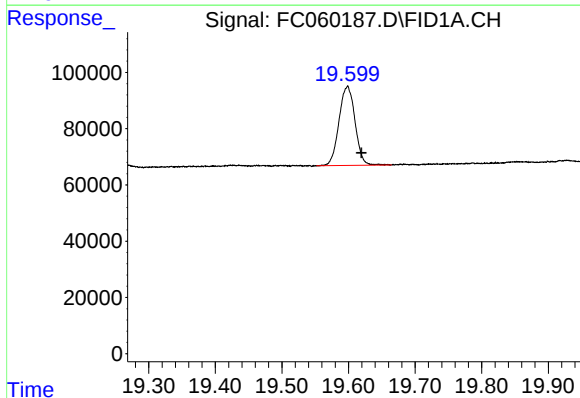
R.T.: 18.194 min
Delta R.T.: -0.019 min
Response: 609565
Conc: 5.98 ug/ml

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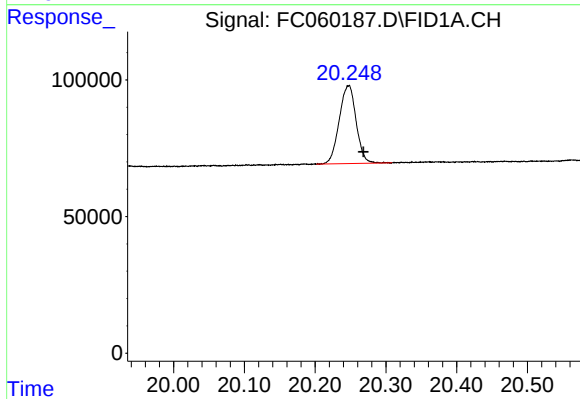
#20 n-Hexatriacontane (C36)

R.T.: 18.915 min
Delta R.T.: -0.020 min
Response: 502865
Conc: 5.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.598 min
Delta R.T.: -0.021 min
Response: 469053
Conc: 5.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.247 min
Delta R.T.: -0.021 min
Response: 474315
Conc: 5.04 ug/ml