

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062722AL\
 Data File : FC060466.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2022 21:10
 Operator : YP/AJ
 Sample : PB145869BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145869BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: sample.E
 Quant Time: Jun 28 03:50:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	12.007	4879728	33.106 ug/ml
Spiked Amount 50.000		Recovery =	66.21%
Target Compounds			
1) T n-Nonane (C9)	2.625	3420002	22.295 ug/ml
2) T n-Decane (C10)	3.623	4432373	29.023 ug/ml
4) T n-Dodecane (C12)	5.574	5447952	33.710 ug/ml
6) T n-Tetradecane (C14)	7.324	5830267	35.292 ug/ml
7) T n-Hexadecane (C16)	8.887	6528922	38.632 ug/ml
8) T n-Octadecane (C18)	10.295	7392681	42.970 ug/ml
10) T n-Eicosane (C20)	11.573	7389774	43.299 ug/ml
11) T n-Heneicosane (C21)	12.172	7435891	43.612 ug/ml
13) T n-Docosane (C22)	12.743	7402217	43.425 ug/ml
14) T n-Tetracosane (C24)	13.820	7311270	43.545 ug/ml
15) T n-Hexacosane (C26)	14.817	7185434	43.726 ug/ml
16) T n-Octacosane (C28)	15.745	6836076	43.081 ug/ml
17) T n-Tricontane (C30)	16.609	6551713	43.040 ug/ml
18) T n-Dotriacontane (C32)	17.420	6336206	43.588 ug/ml
19) T n-Tetratriacontane (C34)	18.182	5622969	44.272 ug/ml
20) T n-Hexatriacontane (C36)	18.903	5074086	45.212 ug/mlm
21) T n-Octatriacontane (C38)	19.584	4647564	42.457 ug/ml
22) T n-Tetracontane (C40)	20.230	4389481	38.866 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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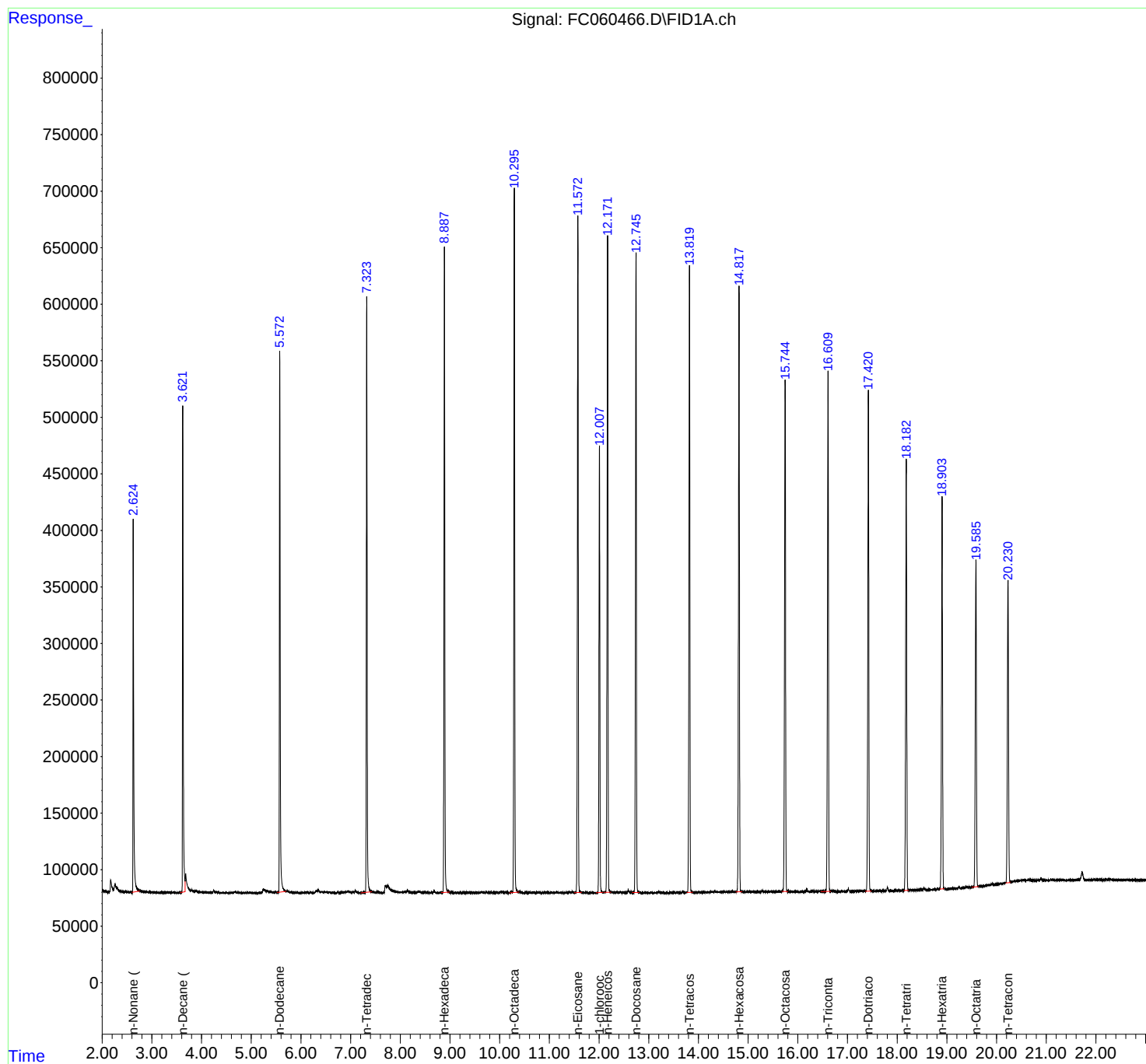
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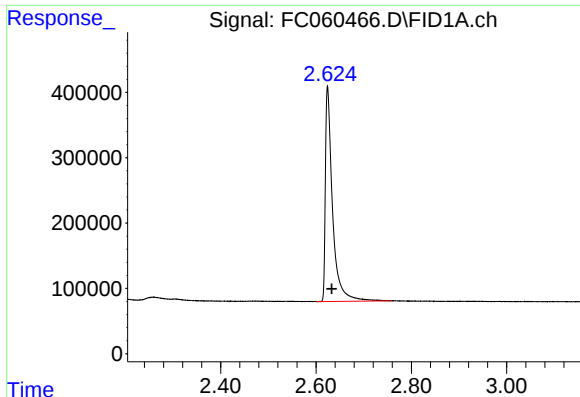
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#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.008 min
Response: 3420002
Conc: 22.29 ug/ml

Instrument :

FID_C

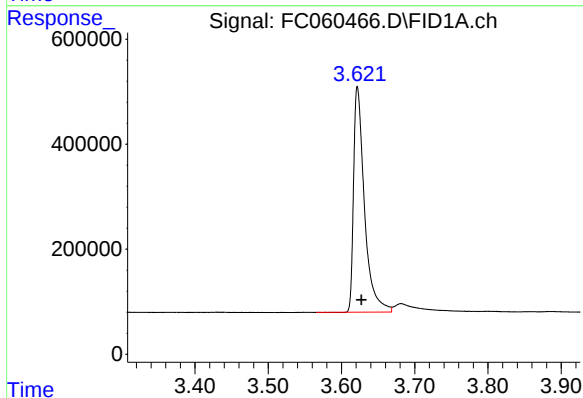
ClientSampleId :

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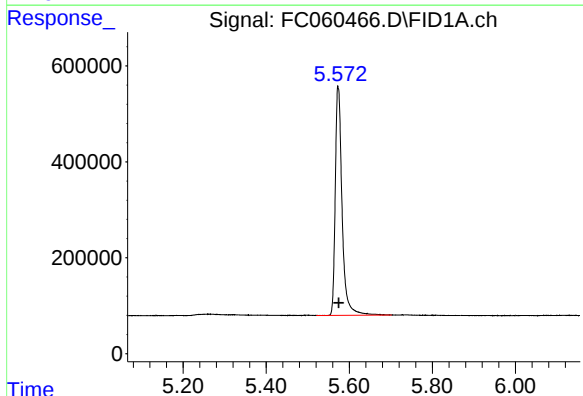
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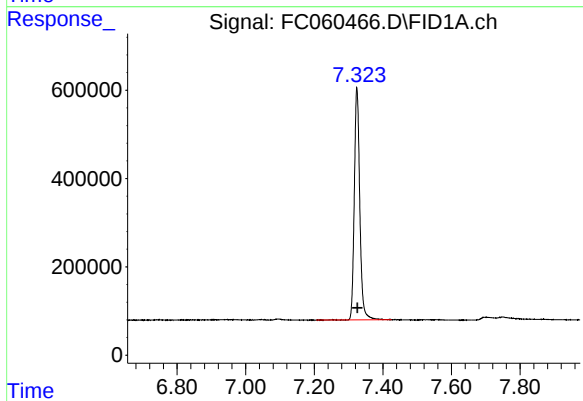
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.005 min
Response: 4432373
Conc: 29.02 ug/ml



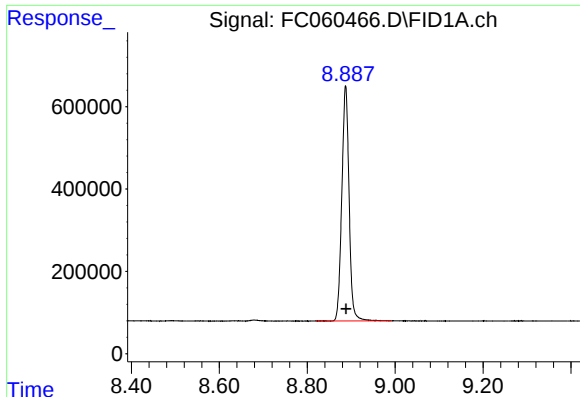
#4 n-Dodecane (C12)

R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 5447952
Conc: 33.71 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.324 min
Delta R.T.: -0.001 min
Response: 5830267
Conc: 35.29 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.887 min
Delta R.T.: -0.001 min
Response: 6528922
Conc: 38.63 ug/ml

Instrument :

FID_C

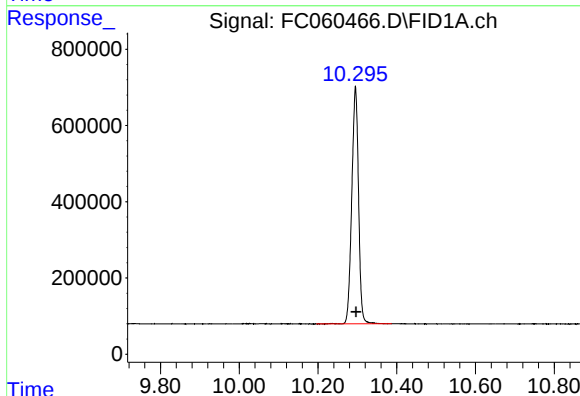
ClientSampleId :

PB145869BSD

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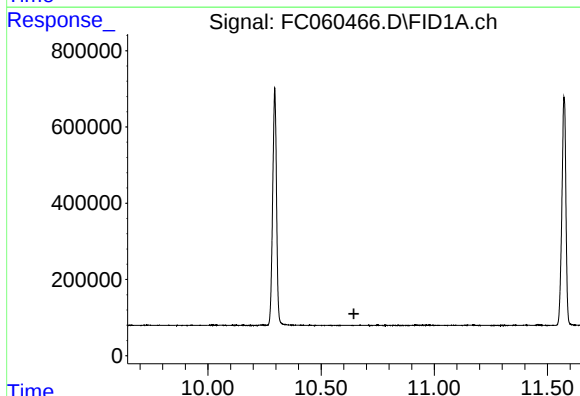
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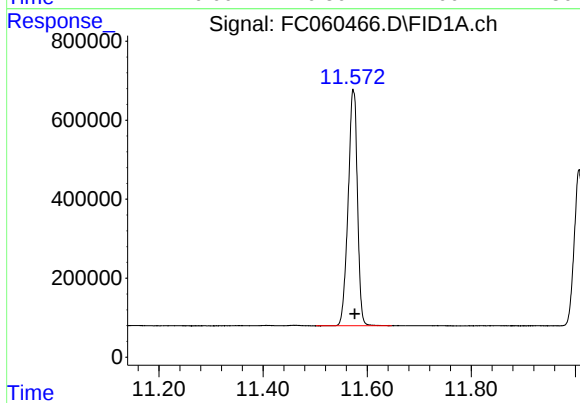
#8 n-Octadecane (C18)

R.T.: 10.295 min
Delta R.T.: -0.001 min
Response: 7392681
Conc: 42.97 ug/ml



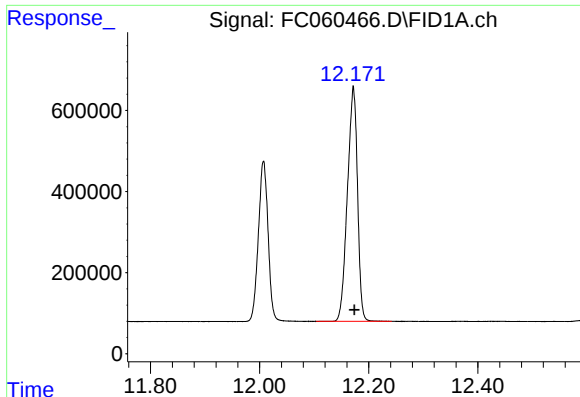
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.645 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.573 min
Delta R.T.: -0.003 min
Response: 7389774
Conc: 43.30 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.172 min
Delta R.T.: -0.002 min
Response: 7435891
Conc: 43.61 ug/ml

Instrument :

FID_C

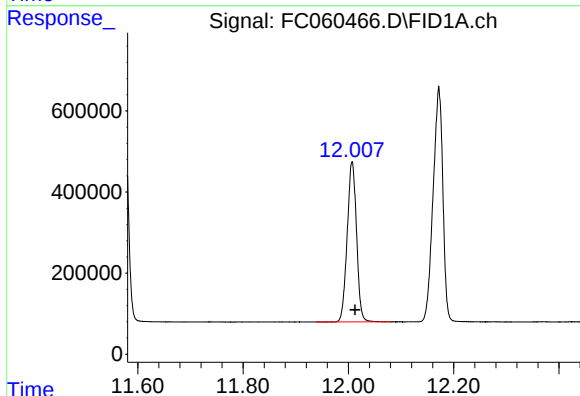
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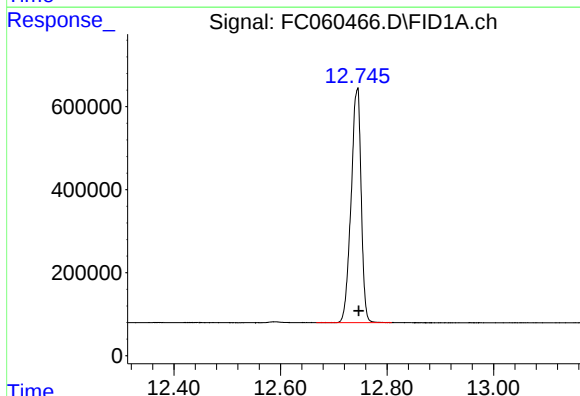
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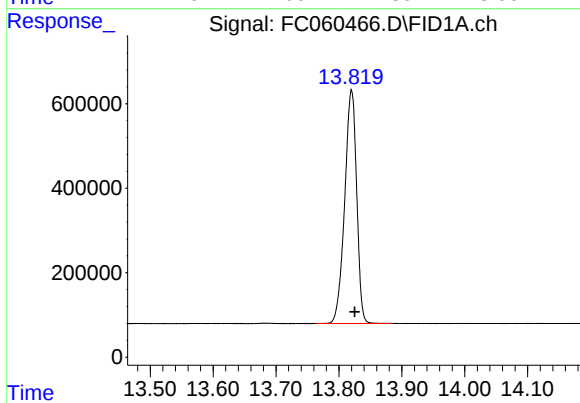
#12 1-chlorooctadecane (SURR)

R.T.: 12.007 min
Delta R.T.: -0.006 min
Response: 4879728
Conc: 33.11 ug/ml



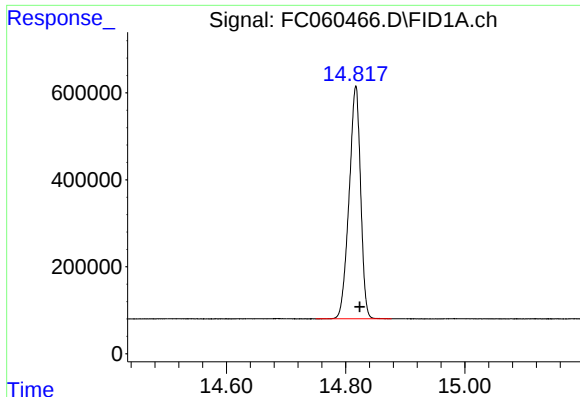
#13 n-Docosane (C22)

R.T.: 12.743 min
Delta R.T.: -0.004 min
Response: 7402217
Conc: 43.42 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.820 min
Delta R.T.: -0.005 min
Response: 7311270
Conc: 43.55 ug/ml



#15 n-Hexacosane (C26)

R.T.: 14.817 min
Delta R.T.: -0.007 min
Response: 7185434
Conc: 43.73 ug/ml

Instrument :

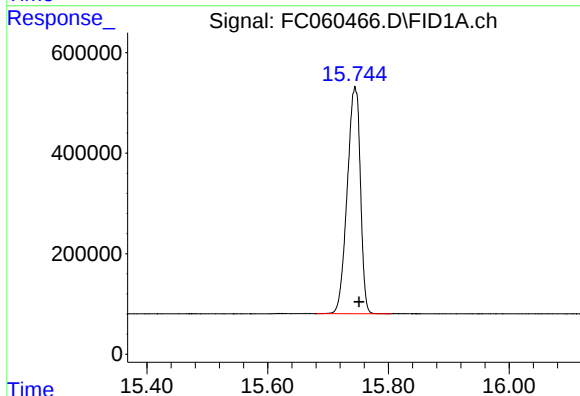
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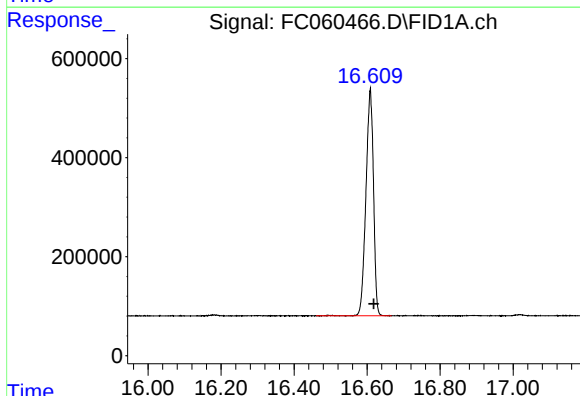
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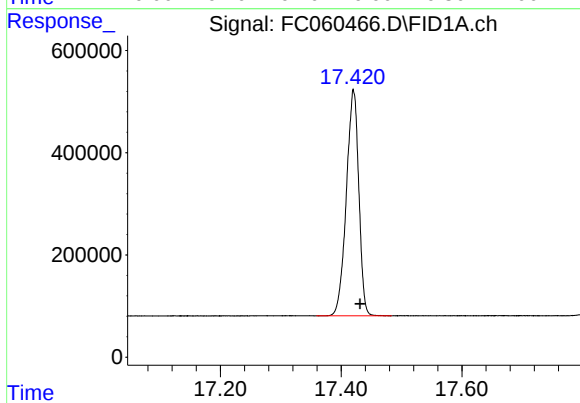
#16 n-Octacosane (C28)

R.T.: 15.745 min
Delta R.T.: -0.007 min
Response: 6836076
Conc: 43.08 ug/ml



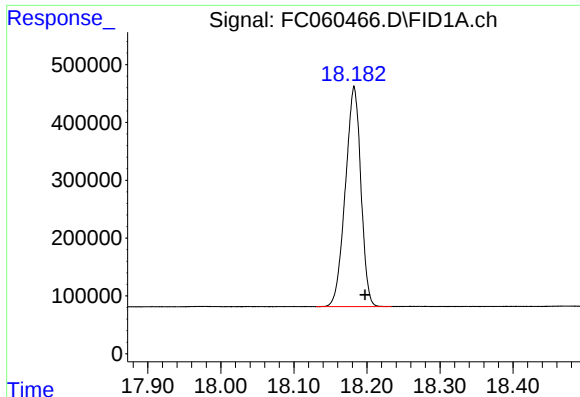
#17 n-Tricontane (C30)

R.T.: 16.609 min
Delta R.T.: -0.010 min
Response: 6551713
Conc: 43.04 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.420 min
Delta R.T.: -0.011 min
Response: 6336206
Conc: 43.59 ug/ml



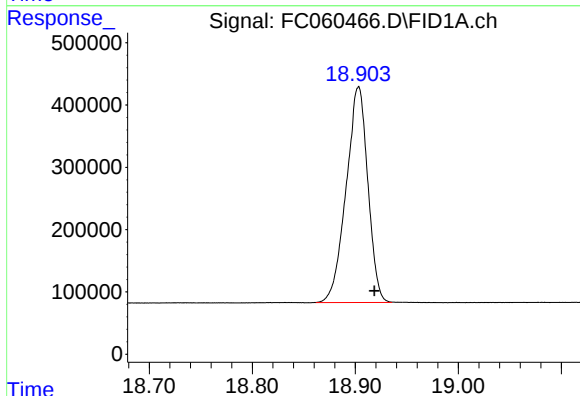
#19 n-Tetratriacontane (C34)

R.T.: 18.182 min
Delta R.T.: -0.015 min
Response: 5622969
Conc: 44.27 ug/ml

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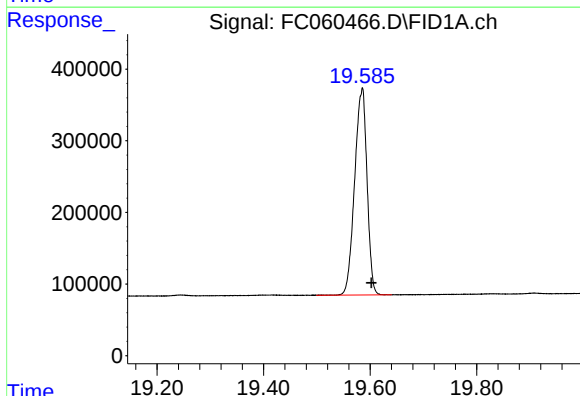
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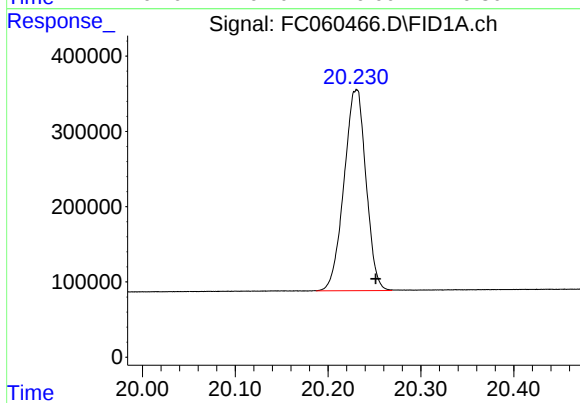
#20 n-Hexatriacontane (C36)

R.T.: 18.903 min
Delta R.T.: -0.015 min
Response: 5074086
Conc: 45.21 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.584 min
Delta R.T.: -0.018 min
Response: 4647564
Conc: 42.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.230 min
Delta R.T.: -0.021 min
Response: 4389481
Conc: 38.87 ug/ml m