

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
 Data File : FC066376.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 14:29
 Operator : YP/AJ
 Sample : PB160813BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB160813BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 00:54:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 2024
 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...	13.000	3487652	28.434 ug/ml
Spiked Amount 50.000		Recovery =	56.87%
Target Compounds			
1) T n-Nonane (C9)	3.316	2852072	18.884 ug/ml
2) T n-Decane (C10)	4.383	3526383	22.931 ug/ml
4) T n-Dodecane (C12)	6.404	4040112	26.289 ug/ml
6) T n-Tetradecane (C14)	8.202	4223786	27.910 ug/ml
7) T n-Hexadecane (C16)	9.804	4461759	29.180 ug/ml
8) T n-Octadecane (C18)	11.247	4920965	32.419 ug/ml
10) T n-Eicosane (C20)	12.557	5090269	35.385 ug/ml
11) T n-Heneicosane (C21)	13.169	4952828	35.235 ug/ml
13) T n-Docosane (C22)	13.756	4904949	35.034 ug/ml
14) T n-Tetracosane (C24)	14.859	4805090	34.132 ug/ml
15) T n-Hexacosane (C26)	15.881	4655978	34.039 ug/ml
16) T n-Octacosane (C28)	16.831	4552299	33.993 ug/ml
17) T n-Tricontane (C30)	17.719	4532315	33.632 ug/ml
18) T n-Dotriacontane (C32)	18.552	4415960	34.297 ug/ml
19) T n-Tetratriacontane (C34)	19.337	4346295	36.735 ug/ml
20) T n-Hexatriacontane (C36)	20.077	4239370	36.882 ug/mlm
21) T n-Octatriacontane (C38)	20.813	4124311	38.317 ug/mlm
22) T n-Tetracontane (C40)	21.724	3970572	37.027 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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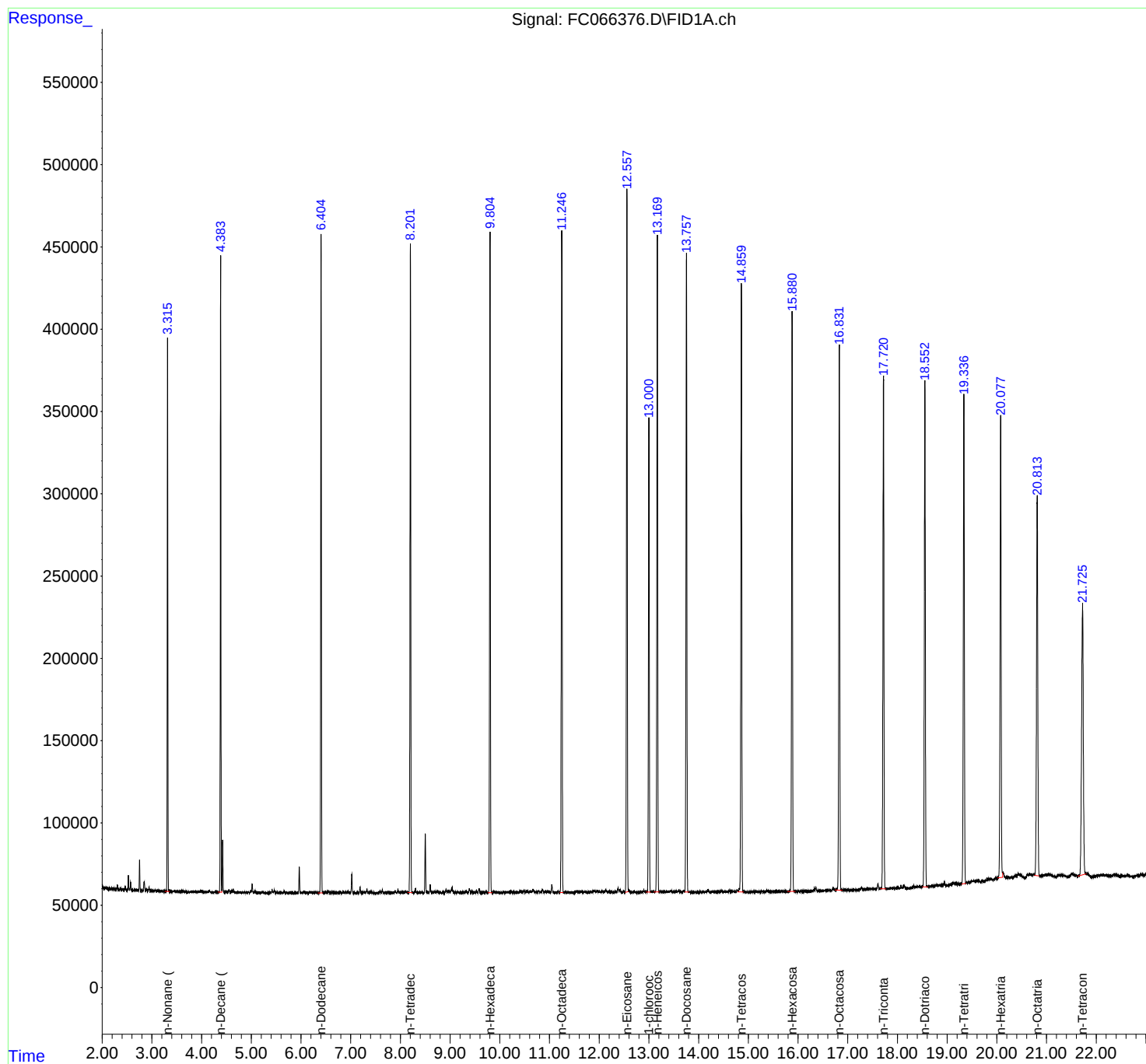
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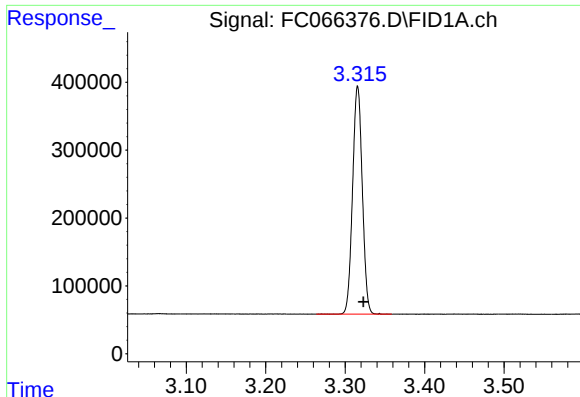
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 2852072
Conc: 18.88 ug/ml

Instrument :

FID_C

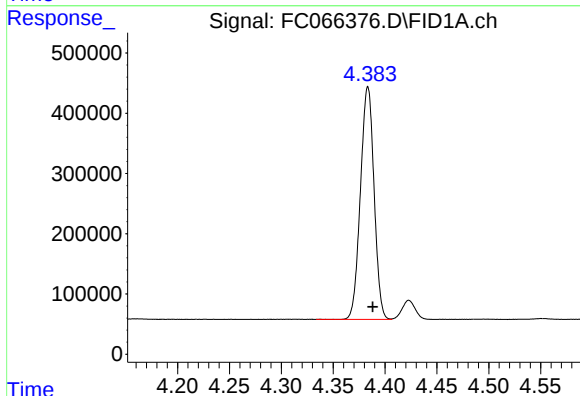
ClientSampleId :

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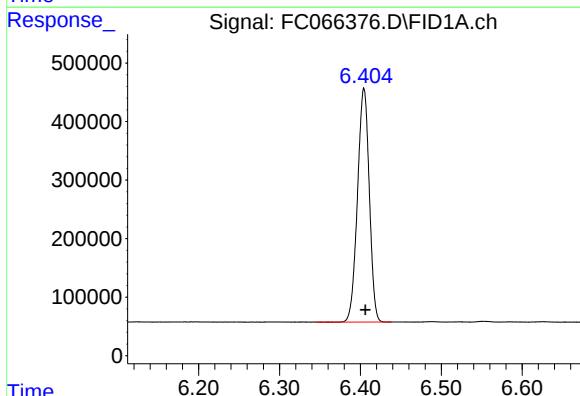
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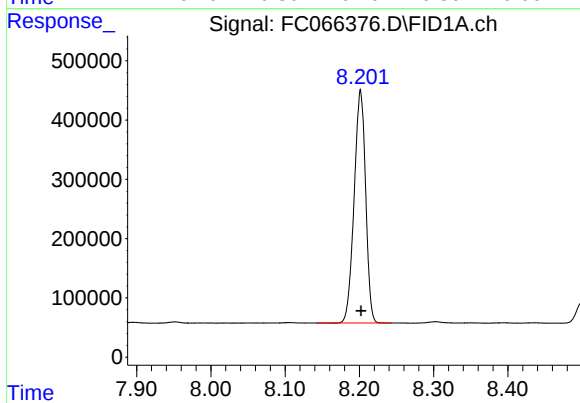
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: -0.005 min
Response: 3526383
Conc: 22.93 ug/ml



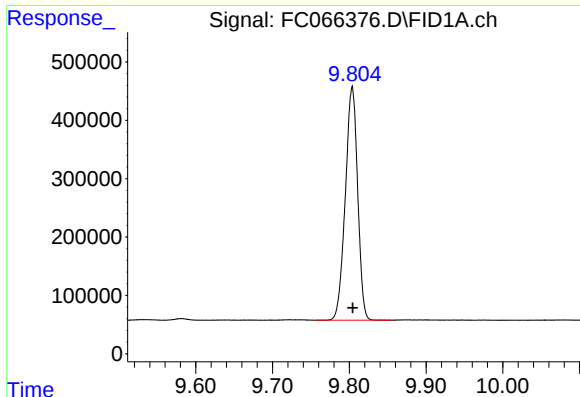
#4 n-Dodecane (C12)

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 4040112
Conc: 26.29 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 4223786
Conc: 27.91 ug/ml



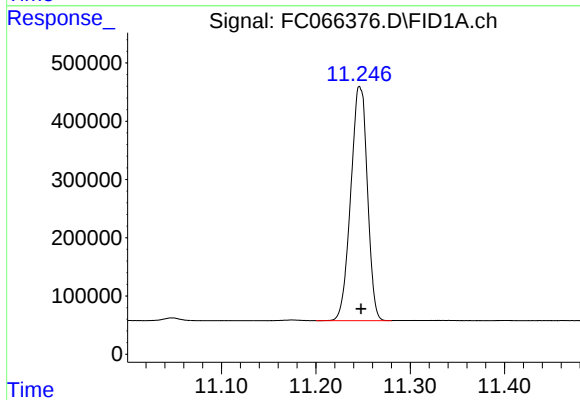
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 4461759
Conc: 29.18 ug/ml

Instrument :
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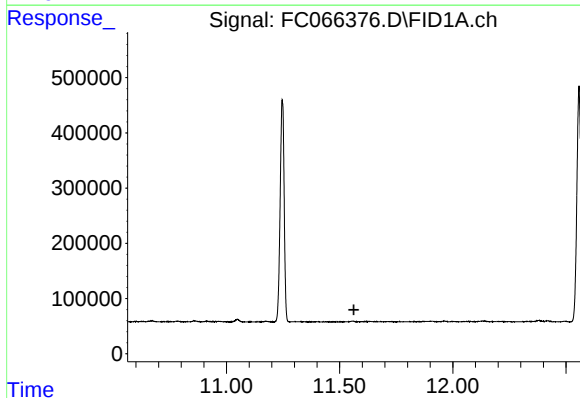
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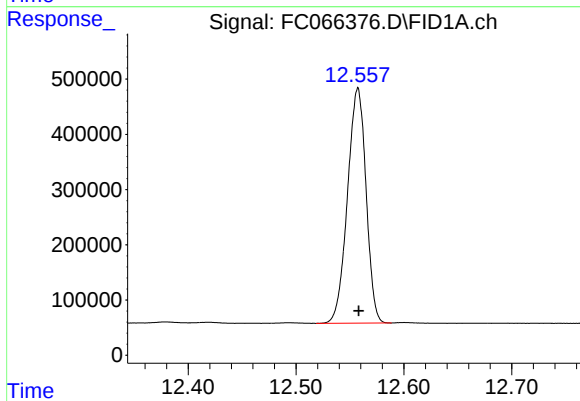
#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: -0.001 min
Response: 4920965
Conc: 32.42 ug/ml



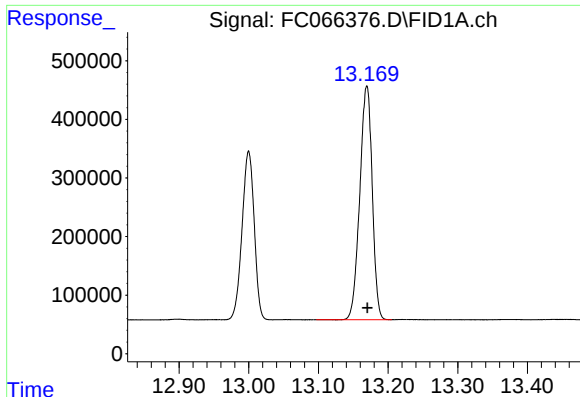
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: -0.001 min
Response: 5090269
Conc: 35.38 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.001 min
Response: 4952828
Conc: 35.23 ug/ml

Instrument :

FID_C

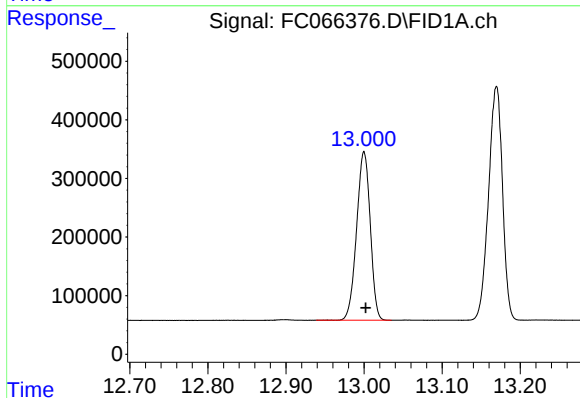
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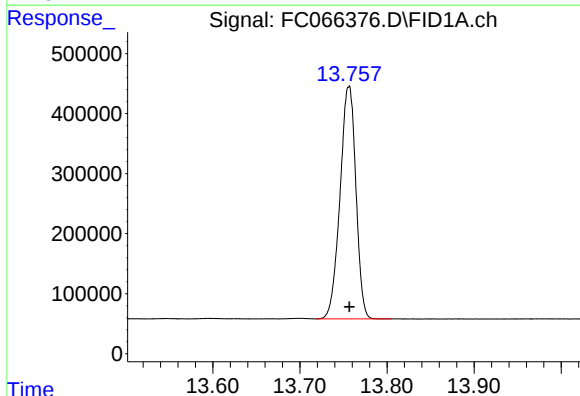
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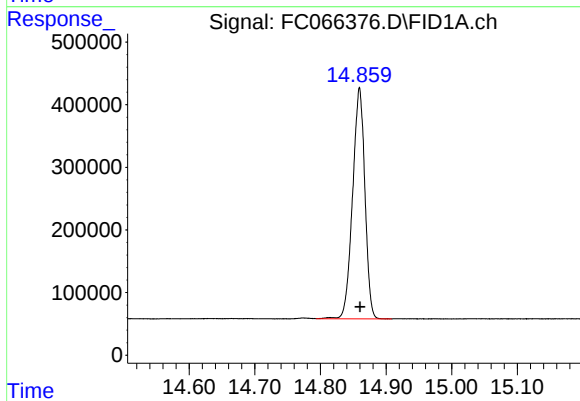
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.002 min
Response: 3487652
Conc: 28.43 ug/ml



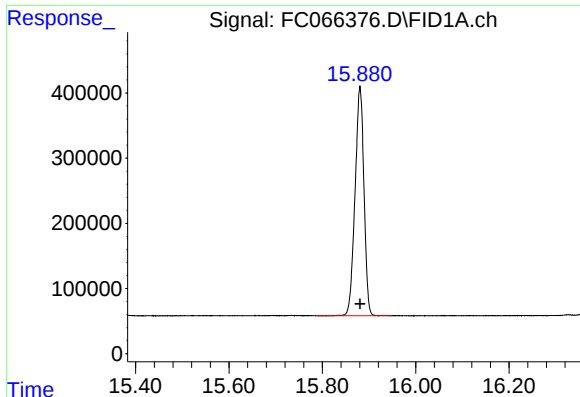
#13 n-Docosane (C22)

R.T.: 13.756 min
Delta R.T.: 0.000 min
Response: 4904949
Conc: 35.03 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: 0.000 min
Response: 4805090
Conc: 34.13 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 4655978
Conc: 34.04 ug/ml

Instrument :

FID_C

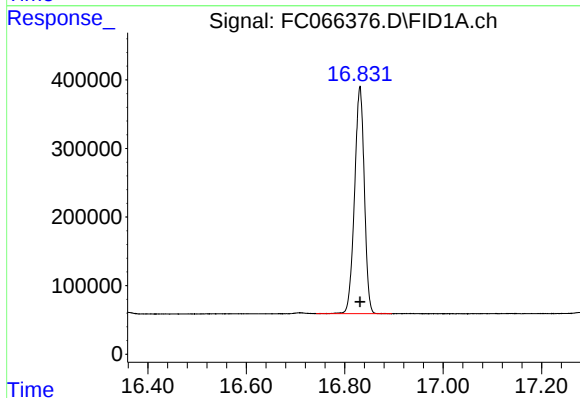
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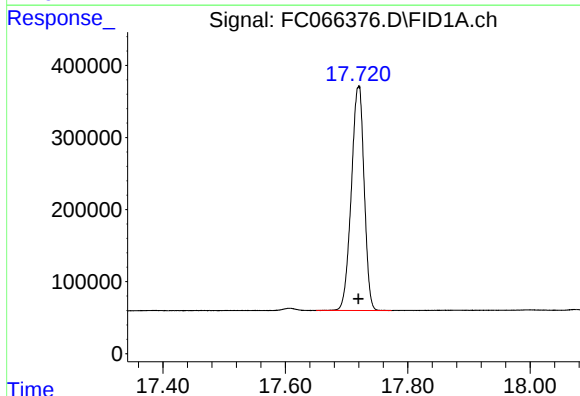
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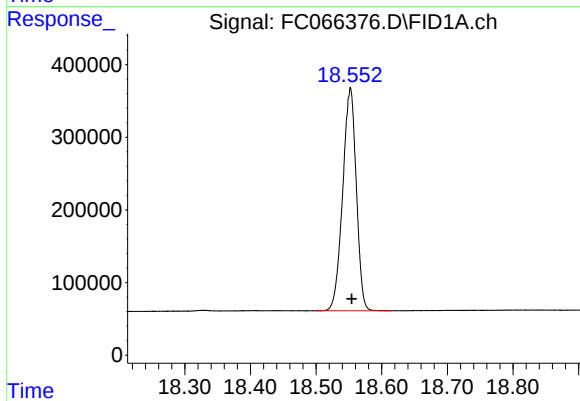
#16 n-Octacosane (C28)

R.T.: 16.831 min
Delta R.T.: 0.000 min
Response: 4552299
Conc: 33.99 ug/ml



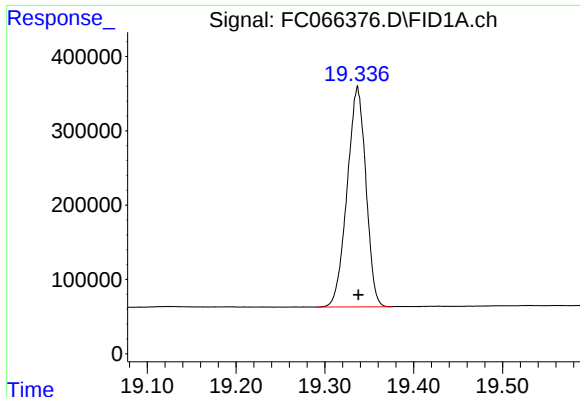
#17 n-Tricontane (C30)

R.T.: 17.719 min
Delta R.T.: 0.000 min
Response: 4532315
Conc: 33.63 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.002 min
Response: 4415960
Conc: 34.30 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: -0.001 min
Response: 4346295
Conc: 36.74 ug/ml

Instrument :

FID_C

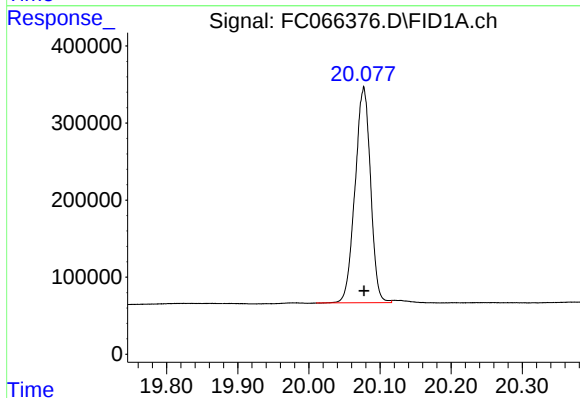
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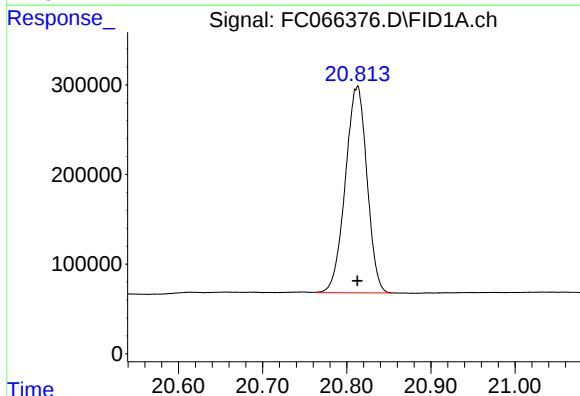
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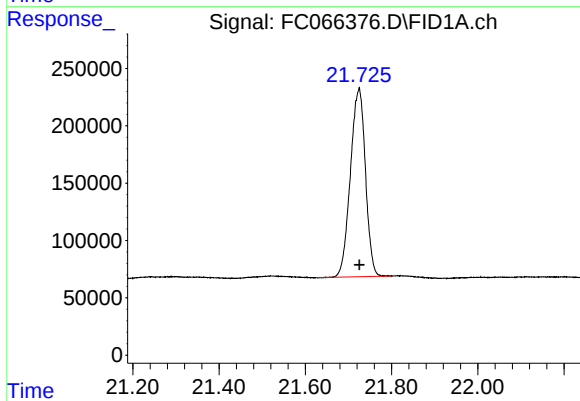
#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: 0.000 min
Response: 4239370
Conc: 36.88 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.000 min
Response: 4124311
Conc: 38.32 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.724 min
Delta R.T.: 0.000 min
Response: 3970572
Conc: 37.03 ug/ml