

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081622AL\
 Data File : FC061144.D
 Signal(s) : FID1A.ch
 Acq On : 16 Aug 2022 17:48
 Operator : YP/AJ
 Sample : PB147060BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147060BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2022
 Supervised By :Ankita Jodhani 08/17/2022

Integration File: autoint1.e
 Quant Time: Aug 17 05:08:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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...	11.994	3221829	24.269 ug/ml
Spiked Amount 50.000		Recovery =	48.54%
Target Compounds			
1) T n-Nonane (C9)	2.634	2675171	18.995 ug/ml
2) T n-Decane (C10)	3.626	3373439	23.914 ug/ml
4) T n-Dodecane (C12)	5.569	4236424	28.583 ug/ml
6) T n-Tetradecane (C14)	7.317	4917364	32.753 ug/ml
7) T n-Hexadecane (C16)	8.877	5391438	35.230 ug/ml
8) T n-Octadecane (C18)	10.282	5878126	37.643 ug/ml
10) T n-Eicosane (C20)	11.560	5766875	36.748 ug/ml
11) T n-Heneicosane (C21)	12.156	5708571	36.484 ug/ml
13) T n-Docosane (C22)	12.727	5587564	35.837 ug/ml
14) T n-Tetracosane (C24)	13.803	5375749	35.212 ug/ml
15) T n-Hexacosane (C26)	14.798	5117472	34.283 ug/ml
16) T n-Octacosane (C28)	15.723	4926786	34.383 ug/ml
17) T n-Tricontane (C30)	16.589	4833046	34.521 ug/ml
18) T n-Dotriacontane (C32)	17.399	4831939	35.802 ug/ml
19) T n-Tetratriacontane (C34)	18.163	4761287	37.963 ug/ml
20) T n-Hexatriacontane (C36)	18.883	4698829	38.441 ug/ml
21) T n-Octatriacontane (C38)	19.566	4541050	38.475 ug/ml
22) T n-Tetracontane (C40)	20.213	4492884	39.036 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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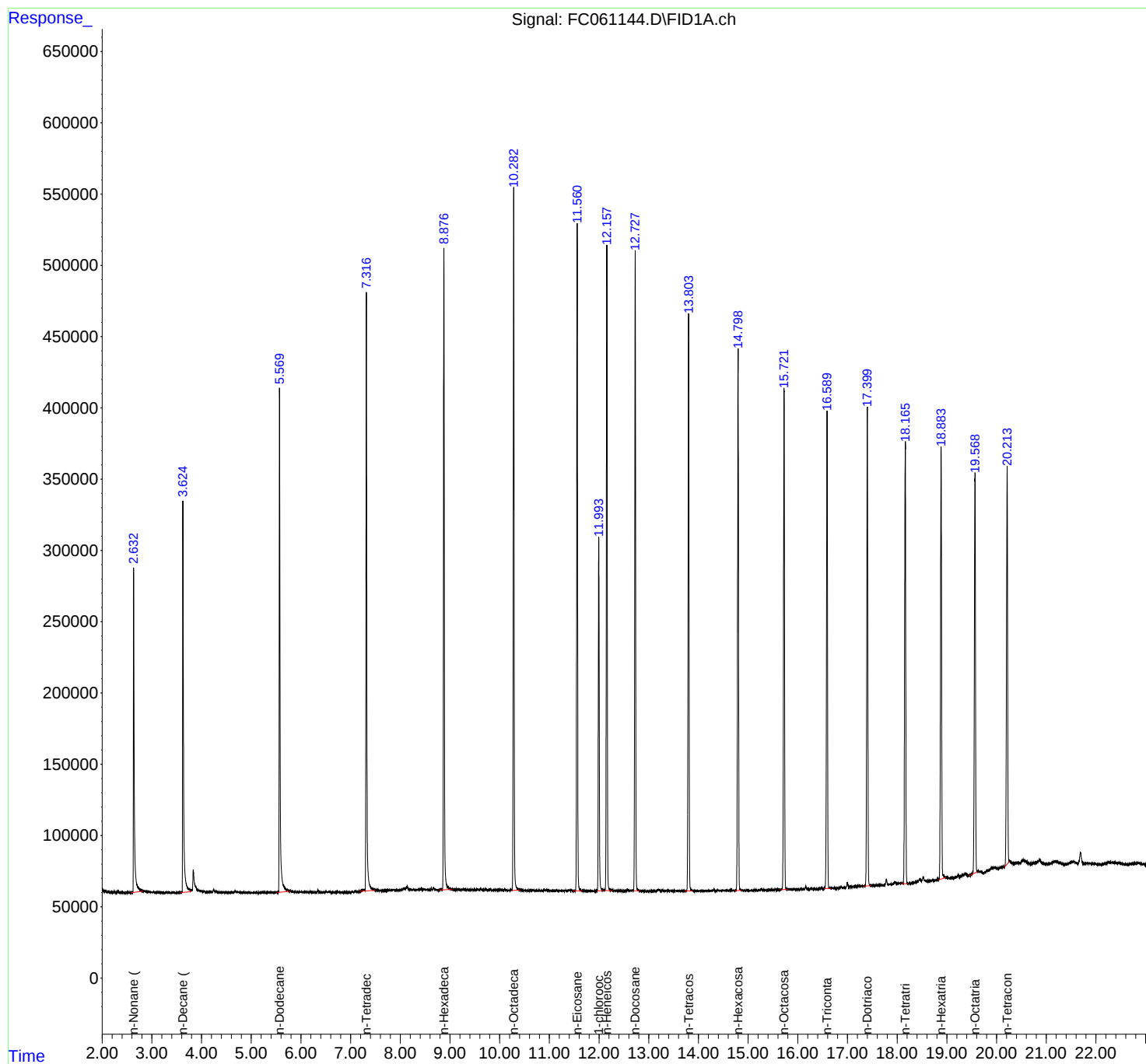
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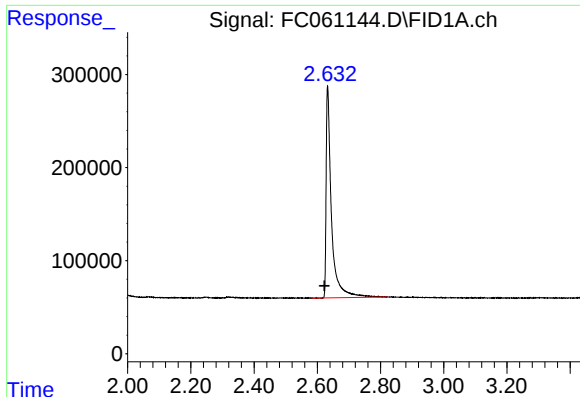
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: 0.012 min
Response: 2675171
Conc: 18.99 ug/ml

Instrument :

FID_C

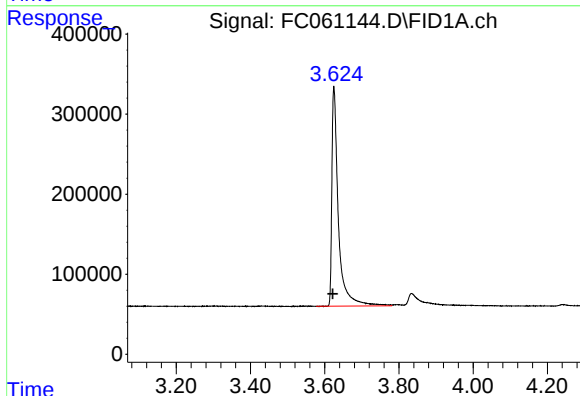
ClientSampleId :

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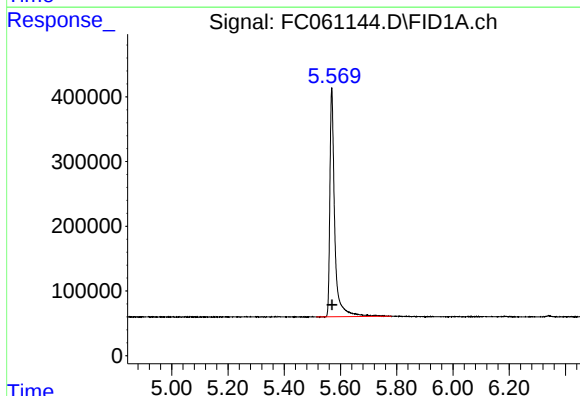
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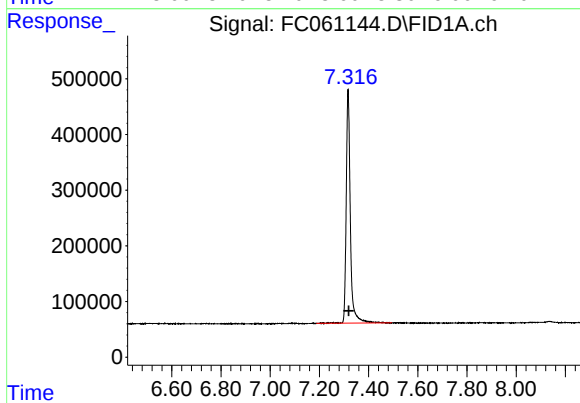
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: 0.004 min
Response: 3373439
Conc: 23.91 ug/ml



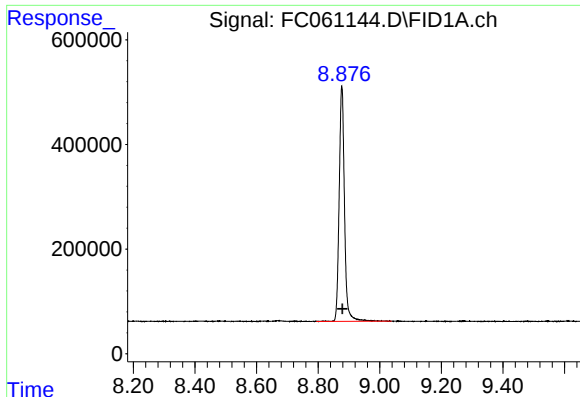
#4 n-Dodecane (C12)

R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 4236424
Conc: 28.58 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.002 min
Response: 4917364
Conc: 32.75 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.002 min
Response: 5391438
Conc: 35.23 ug/ml

Instrument :

FID_C

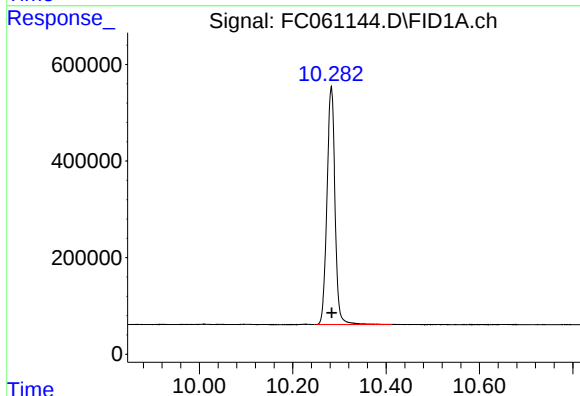
ClientSampleId :

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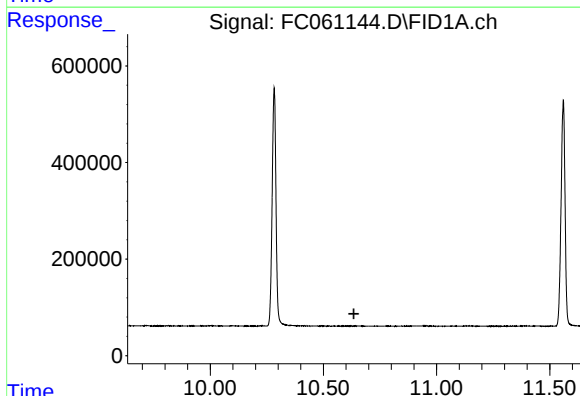
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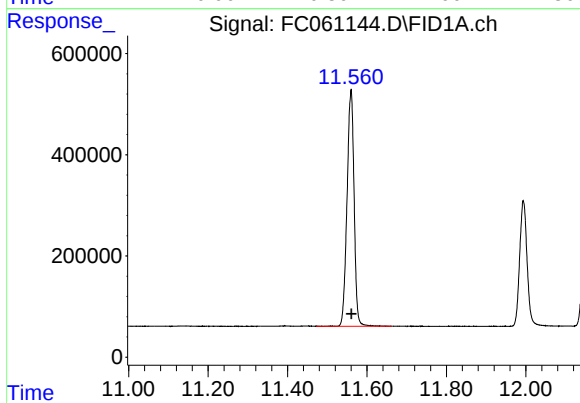
#8 n-Octadecane (C18)

R.T.: 10.282 min
Delta R.T.: -0.001 min
Response: 5878126
Conc: 37.64 ug/ml



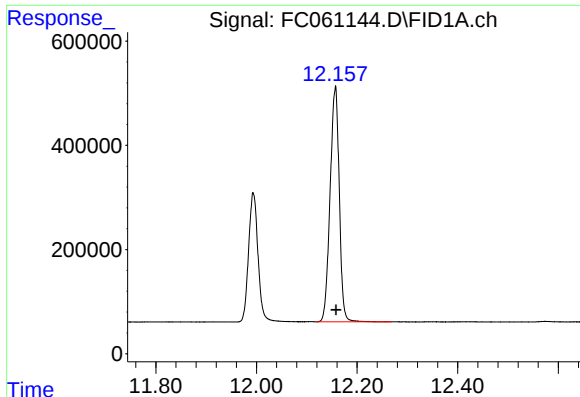
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.560 min
Delta R.T.: -0.001 min
Response: 5766875
Conc: 36.75 ug/ml



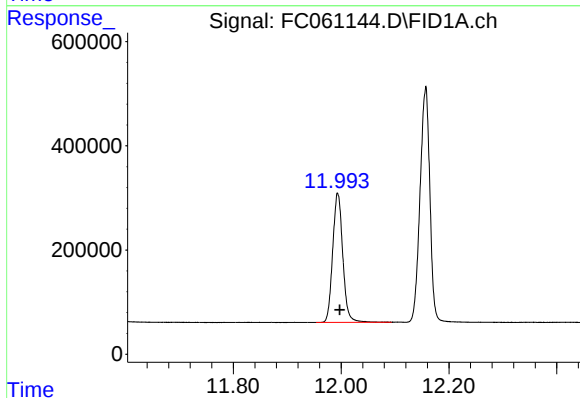
#11 n-Heneicosane (C21)

R.T.: 12.156 min
Delta R.T.: -0.001 min
Response: 5708571
Conc: 36.48 ug/ml

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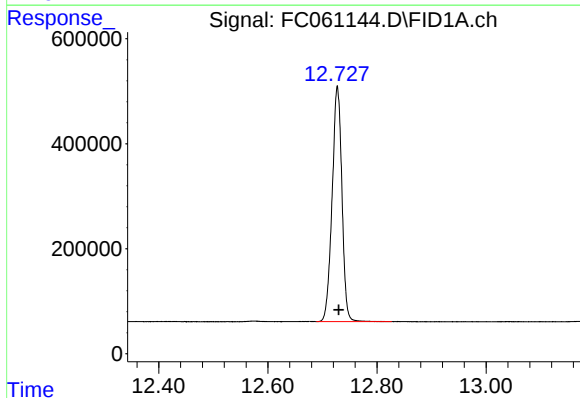
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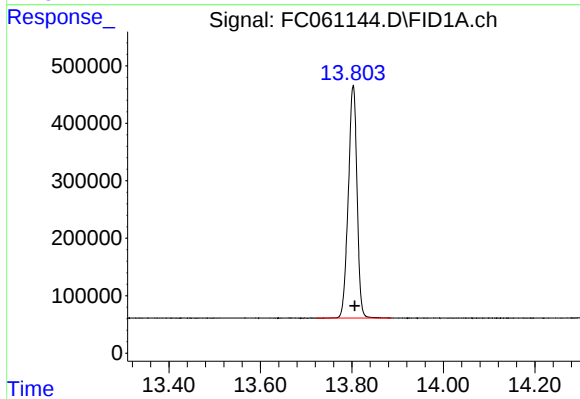
#12 1-chlorooctadecane (SURR)

R.T.: 11.994 min
Delta R.T.: -0.004 min
Response: 3221829
Conc: 24.27 ug/ml



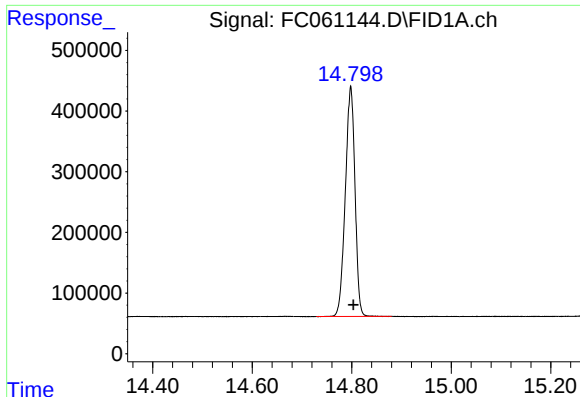
#13 n-Docosane (C22)

R.T.: 12.727 min
Delta R.T.: -0.003 min
Response: 5587564
Conc: 35.84 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.803 min
Delta R.T.: -0.004 min
Response: 5375749
Conc: 35.21 ug/ml



#15 n-Hexacosane (C26)

R.T.: 14.798 min
Delta R.T.: -0.005 min
Response: 5117472
Conc: 34.28 ug/ml

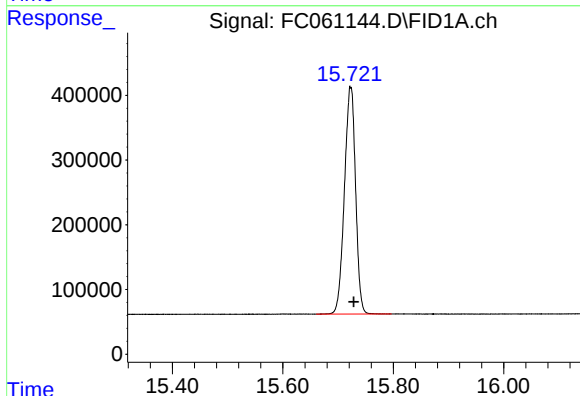
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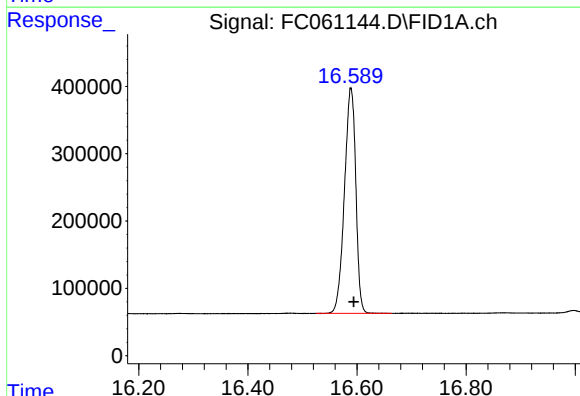
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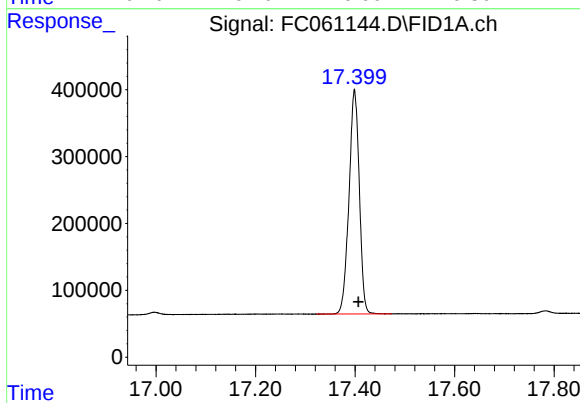
#16 n-Octacosane (C28)

R.T.: 15.723 min
Delta R.T.: -0.006 min
Response: 4926786
Conc: 34.38 ug/ml



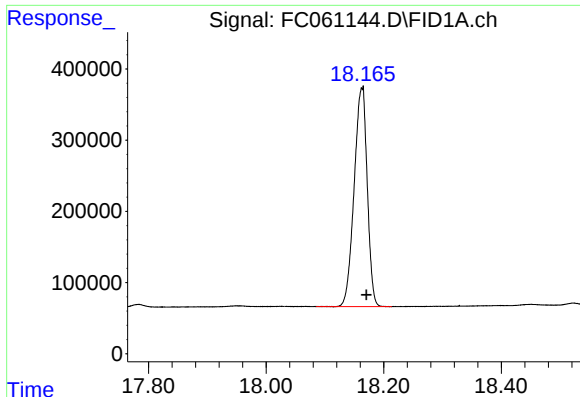
#17 n-Tricontane (C30)

R.T.: 16.589 min
Delta R.T.: -0.005 min
Response: 4833046
Conc: 34.52 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.399 min
Delta R.T.: -0.008 min
Response: 4831939
Conc: 35.80 ug/ml



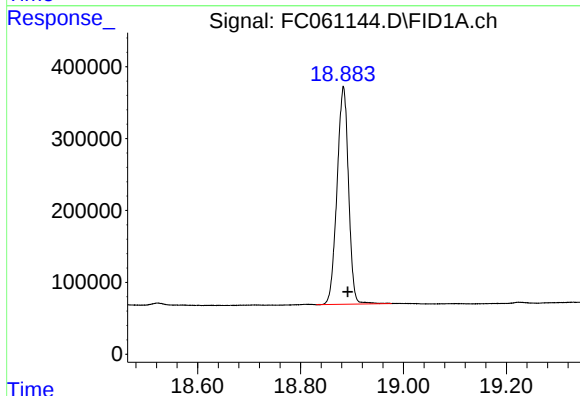
#19 n-Tetratriacontane (C34)

R.T.: 18.163 min
Delta R.T.: -0.008 min
Response: 4761287
Conc: 37.96 ug/ml

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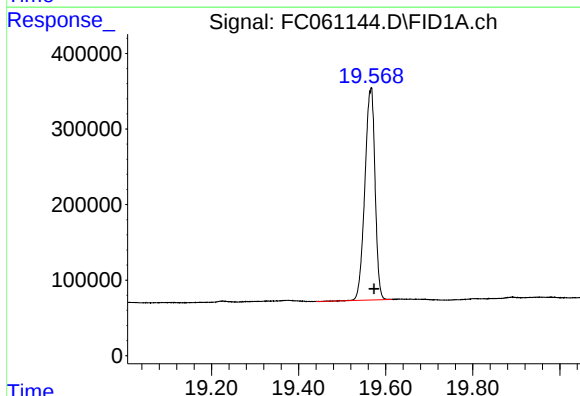
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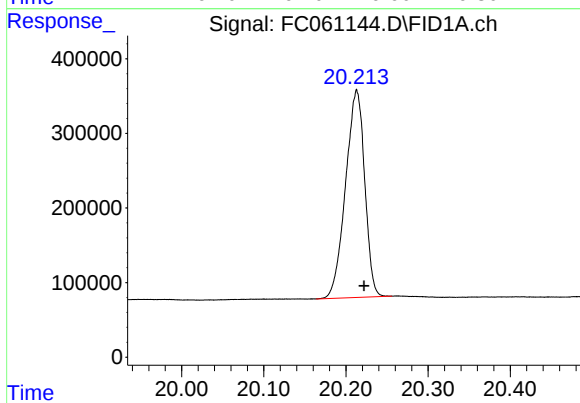
#20 n-Hexatriacontane (C36)

R.T.: 18.883 min
Delta R.T.: -0.009 min
Response: 4698829
Conc: 38.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.566 min
Delta R.T.: -0.008 min
Response: 4541050
Conc: 38.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.213 min
Delta R.T.: -0.009 min
Response: 4492884
Conc: 39.04 ug/ml m