

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121724AL\
 Data File : FC068013.D
 Signal(s) : FID1A.ch
 Acq On : 17 Dec 2024 13:24
 Operator : YP/AJ
 Sample : PB165681BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165681BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :Ankita Jodhani 12/18/2024

Integration File: autoint1.e

Quant Time: Dec 18 01:14:49 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 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			
9) S ortho-Terphenyl (SURR)	11.469	6601137	38.176 ug/ml
Spiked Amount 50.000		Recovery =	76.35%
12) S 1-chlorooctadecane (S...	12.908	5313591	41.644 ug/ml
Spiked Amount 50.000		Recovery =	83.29%
Target Compounds			
1) T n-Nonane (C9)	3.260	6281718	40.431 ug/ml
2) T n-Decane (C10)	4.318	7153794	45.127 ug/ml
3) T A~Naphthalene (C11.7)	5.889	8980507	51.441 ug/ml
4) T n-Dodecane (C12)	6.329	8302982	51.567 ug/ml
5) T A~2-methylnaphthalene...	6.944	8464434	50.519 ug/ml
6) T n-Tetradecane (C14)	8.123	8583520	53.985 ug/ml
7) T n-Hexadecane (C16)	9.720	8471344	52.437 ug/ml
8) T n-Octadecane (C18)	11.160	8387698	52.246 ug/ml
10) T n-Eicosane (C20)	12.468	8300773	55.181 ug/ml
11) T n-Heneicosane (C21)	13.078	7856738	53.770 ug/ml
13) T n-Docosane (C22)	13.664	7721401	53.941 ug/ml
14) T n-Tetracosane (C24)	14.733	14992162	107.897 ug/mlm
15) T n-Hexacosane (C26)	15.786	7242939	54.161 ug/ml
16) T n-Octacosane (C28)	16.732	7107085	54.792 ug/ml
17) T n-Tricontane (C30)	17.620	7051169	54.431 ug/ml
18) T n-Dotriacontane (C32)	18.450	6899497	55.692 ug/ml
19) T n-Tetratriacontane (C34)	19.233	6847425	62.735 ug/ml
20) T n-Hexatriacontane (C36)	19.971	6743924	71.282 ug/ml
21) T n-Octatriacontane (C38)	20.691	6724832	74.338 ug/ml
22) T n-Tetracontane (C40)	21.568	6712545	76.159 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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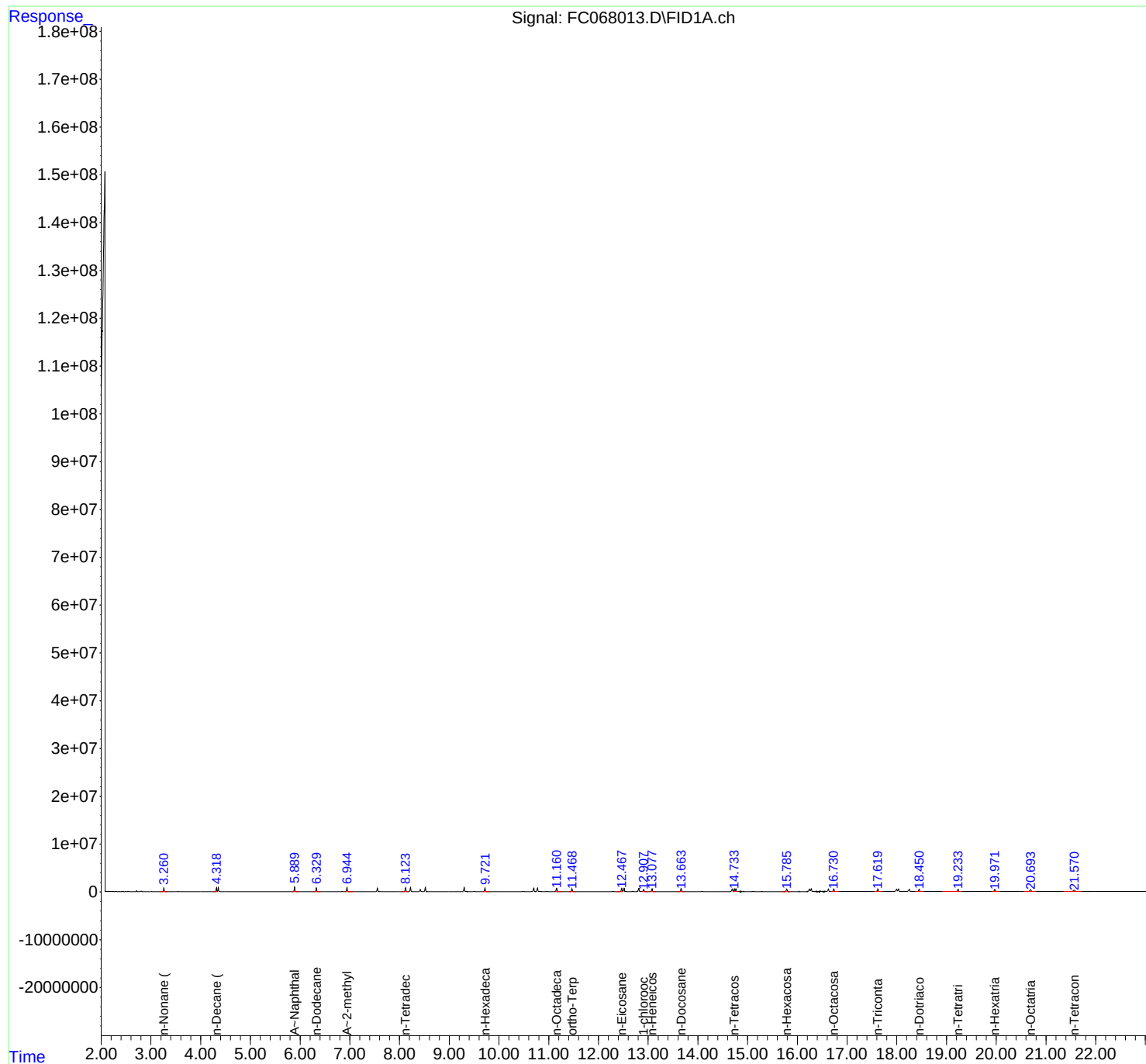
Response via : Initial Calibration

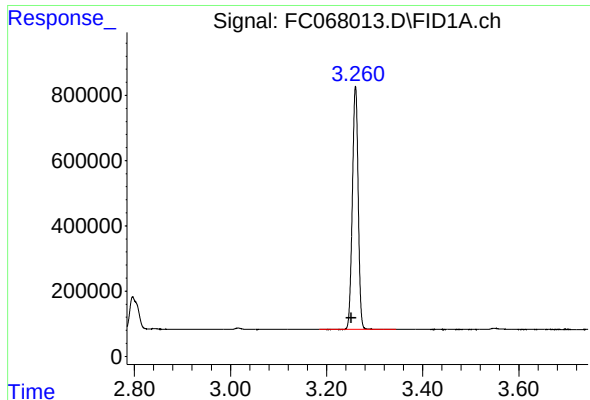
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: 0.008 min
Response: 6281718
Conc: 40.43 ug/ml

Instrument :

FID_C

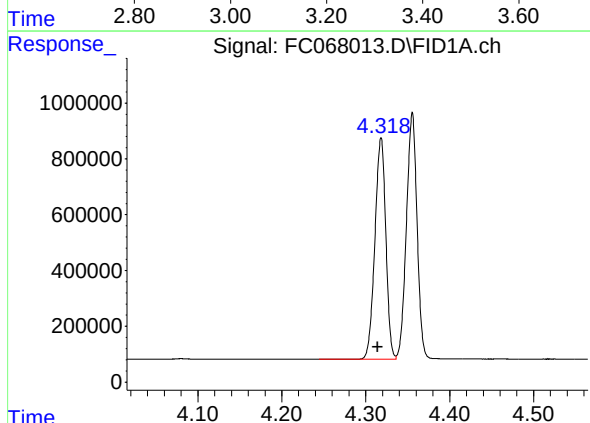
ClientSampleId :

PB165681BS

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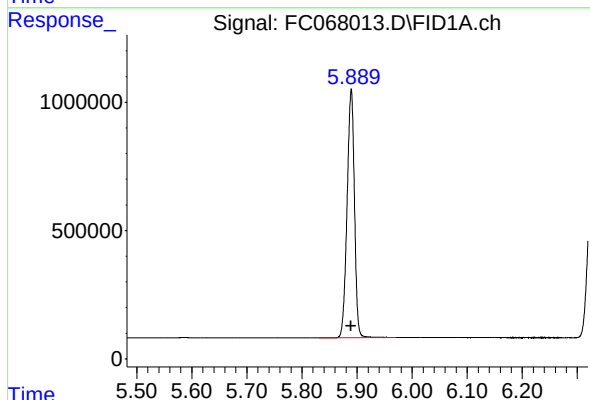
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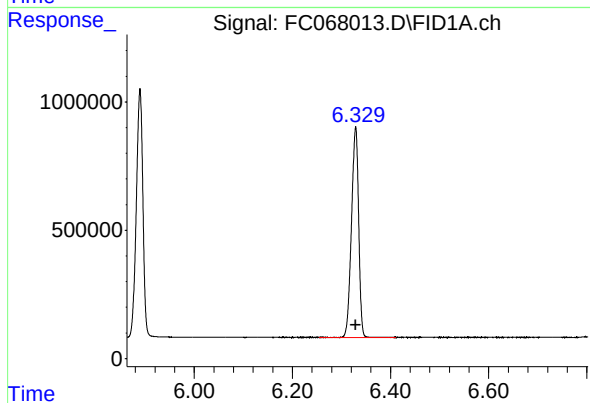
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: 0.004 min
Response: 7153794
Conc: 45.13 ug/ml



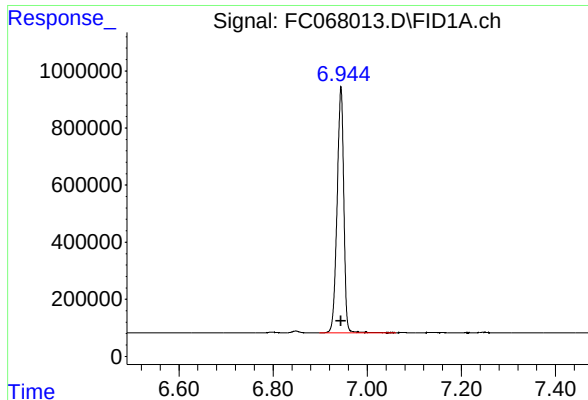
#3 A~Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 8980507
Conc: 51.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 8302982
Conc: 51.57 ug/ml



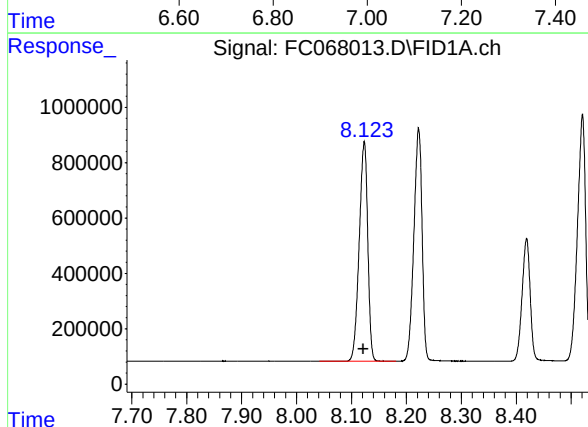
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 8464434
Conc: 50.52 ug/ml

Instrument :
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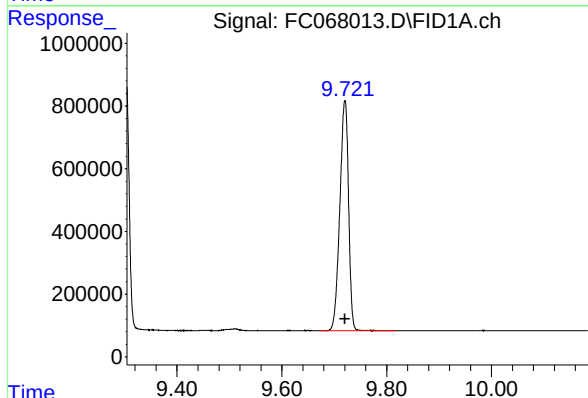
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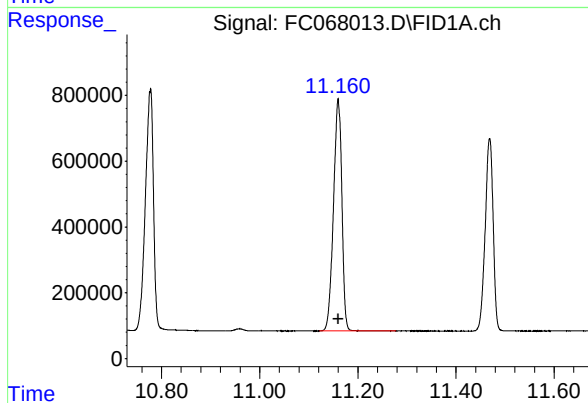
#6 n-Tetradecane (C14)

R.T.: 8.123 min
Delta R.T.: 0.001 min
Response: 8583520
Conc: 53.99 ug/ml



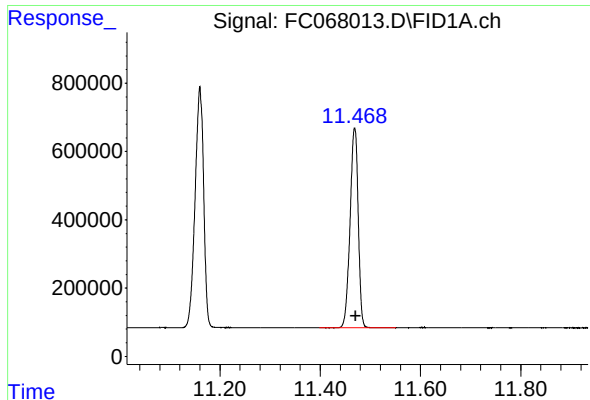
#7 n-Hexadecane (C16)

R.T.: 9.720 min
Delta R.T.: 0.000 min
Response: 8471344
Conc: 52.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.160 min
Delta R.T.: 0.000 min
Response: 8387698
Conc: 52.25 ug/ml



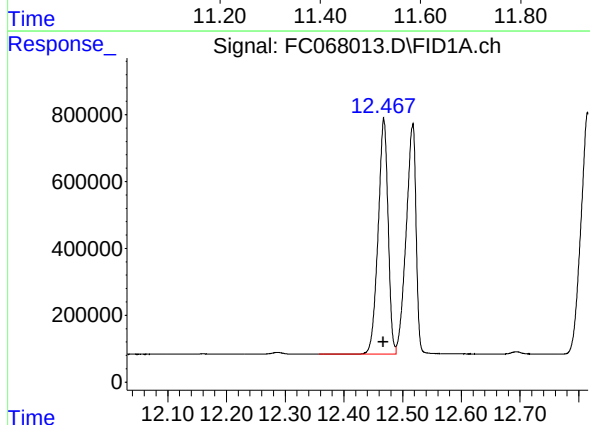
#9 ortho-Terphenyl (SURR)

R.T.: 11.469 min
Delta R.T.: -0.002 min
Response: 6601137
Conc: 38.18 ug/ml

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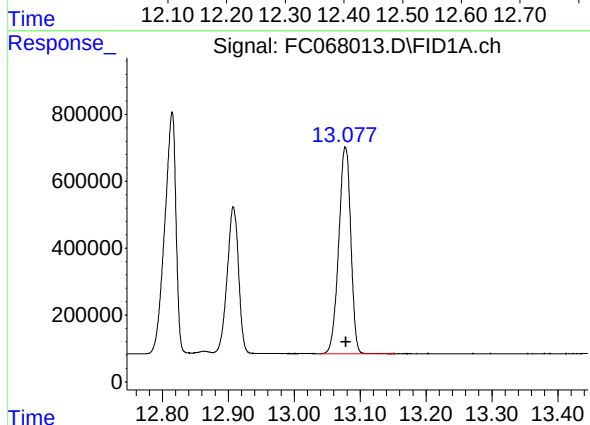
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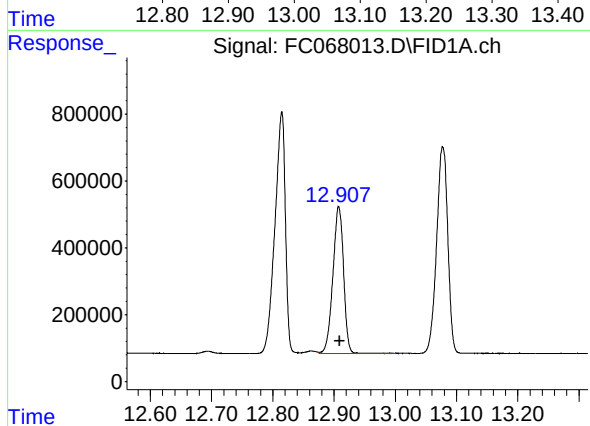
#10 n-Eicosane (C20)

R.T.: 12.468 min
Delta R.T.: 0.000 min
Response: 8300773
Conc: 55.18 ug/ml



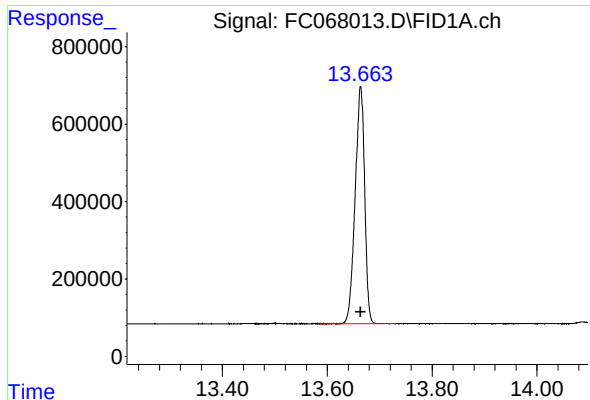
#11 n-Heneicosane (C21)

R.T.: 13.078 min
Delta R.T.: 0.000 min
Response: 7856738
Conc: 53.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.908 min
Delta R.T.: -0.001 min
Response: 5313591
Conc: 41.64 ug/ml



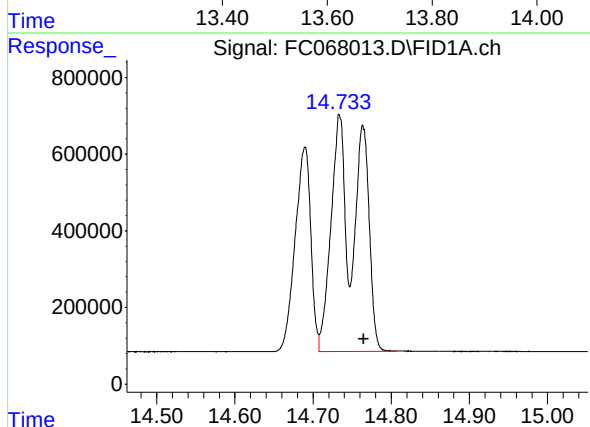
#13 n-Docosane (C22)

R.T.: 13.664 min
Delta R.T.: 0.000 min
Response: 7721401
Conc: 53.94 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165681BS

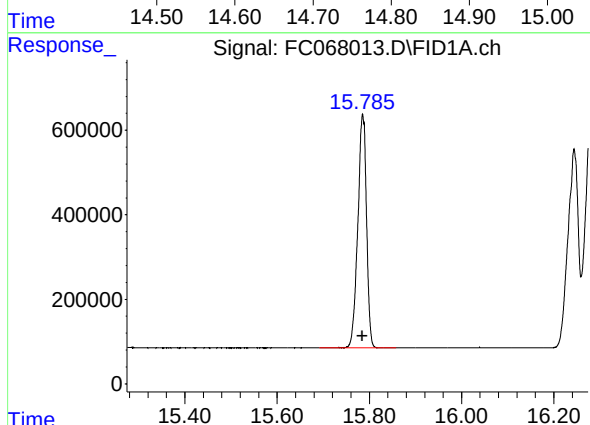
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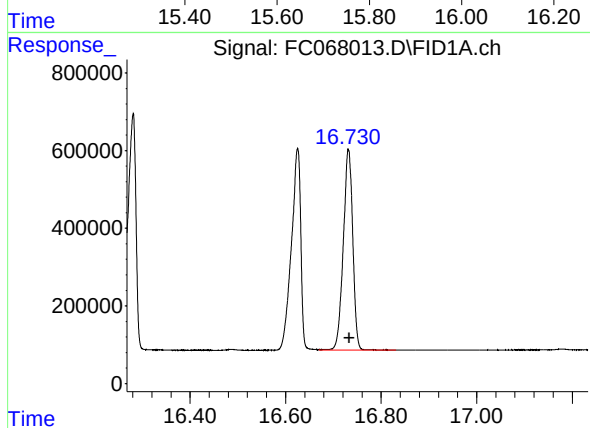
#14 n-Tetracosane (C24)

R.T.: 14.733 min
Delta R.T.: -0.032 min
Response: 14992162
Conc: 107.90 ug/ml m



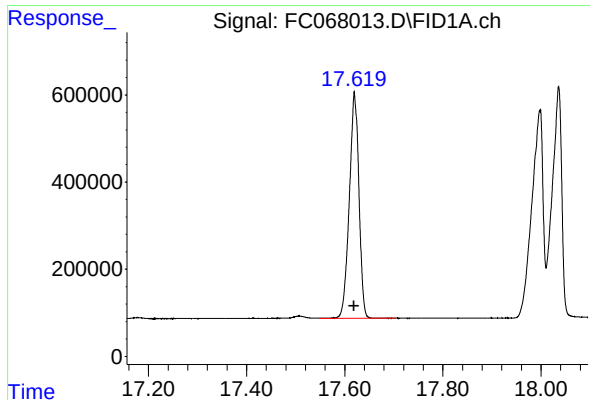
#15 n-Hexacosane (C26)

R.T.: 15.786 min
Delta R.T.: 0.000 min
Response: 7242939
Conc: 54.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.732 min
Delta R.T.: -0.001 min
Response: 7107085
Conc: 54.79 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.620 min
Delta R.T.: 0.001 min
Response: 7051169
Conc: 54.43 ug/ml

Instrument :

FID_C

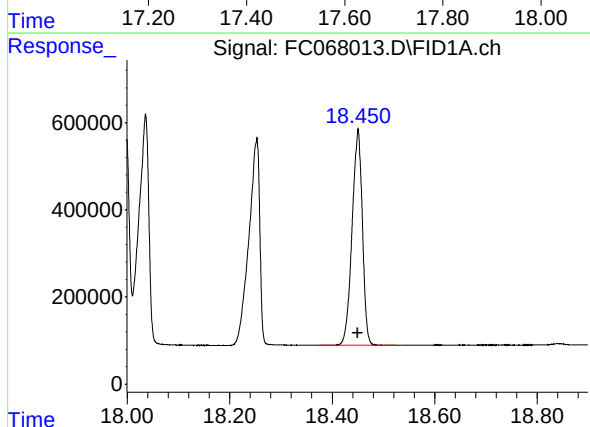
ClientSampleId :

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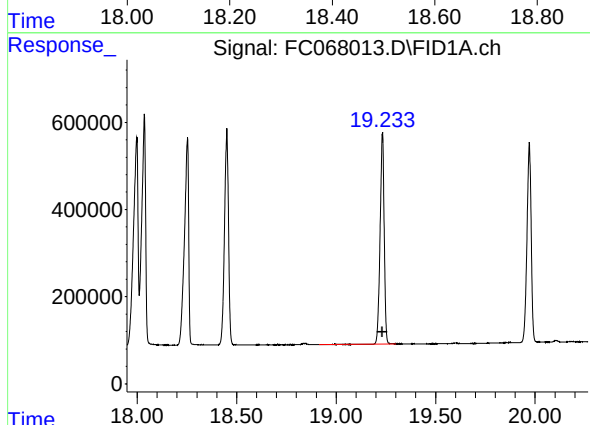
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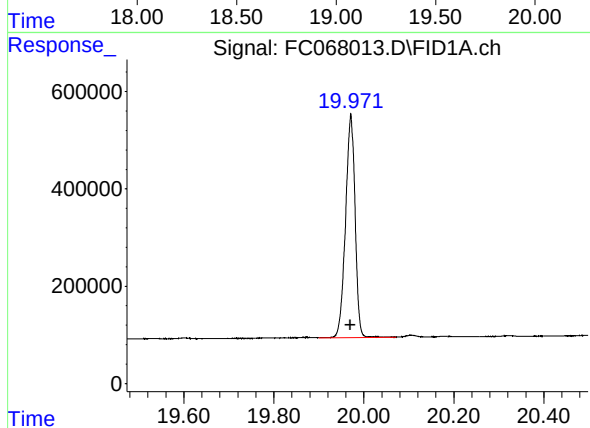
#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: 0.000 min
Response: 6899497
Conc: 55.69 ug/ml



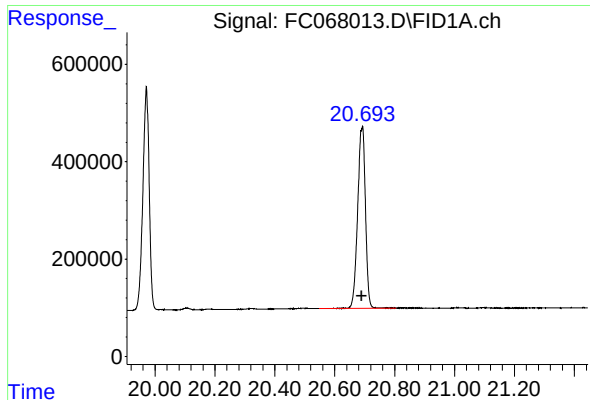
#19 n-Tetratriacontane (C34)

R.T.: 19.233 min
Delta R.T.: 0.000 min
Response: 6847425
Conc: 62.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.971 min
Delta R.T.: 0.000 min
Response: 6743924
Conc: 71.28 ug/ml



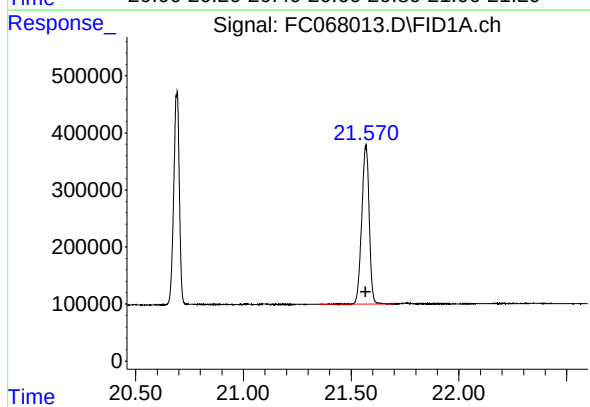
#21 n-Octatriacontane (C38)

R.T.: 20.691 min
Delta R.T.: 0.002 min
Response: 6724832
Conc: 74.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: 0.000 min
Response: 6712545
Conc: 76.16 ug/ml