

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120924AL\
 Data File : FC067955.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 00:34
 Operator : YP/AJ
 Sample : PB165500BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165500BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :Ankita Jodhani 12/10/2024

Integration File: autoint1.e

Quant Time: Dec 10 04:42:16 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:13:15 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...	12.916	6403906	44.116 ug/ml
Spiked Amount 50.000		Recovery =	88.23%
Target Compounds			
1) T n-Nonane (C9)	3.252	3122137	19.141 ug/ml
2) T n-Decane (C10)	4.314	4040893	24.367 ug/mlm
4) T n-Dodecane (C12)	6.330	5279373	31.345 ug/ml
6) T n-Tetradecane (C14)	8.124	5980443	35.710 ug/ml
7) T n-Hexadecane (C16)	9.724	6238803	36.001 ug/ml
8) T n-Octadecane (C18)	11.164	6374212	36.230 ug/ml
10) T n-Eicosane (C20)	12.473	6332633	37.608 ug/ml
11) T n-Heneicosane (C21)	13.084	6037878	36.696 ug/ml
13) T n-Docosane (C22)	13.670	5934446	36.440 ug/ml
14) T n-Tetracosane (C24)	14.771	5746732	35.832 ug/ml
15) T n-Hexacosane (C26)	15.791	5523035	35.664 ug/ml
16) T n-Octacosane (C28)	16.739	5341785	35.371 ug/ml
17) T n-Tricontane (C30)	17.626	5295747	34.588 ug/ml
18) T n-Dotriacontane (C32)	18.457	5201355	35.218 ug/ml
19) T n-Tetratriacontane (C34)	19.238	5105102	40.475 ug/ml
20) T n-Hexatriacontane (C36)	19.977	4983909	47.653 ug/ml
21) T n-Octatriacontane (C38)	20.698	4901748	50.180 ug/ml
22) T n-Tetracontane (C40)	21.576	4888437	50.155 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB165500BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

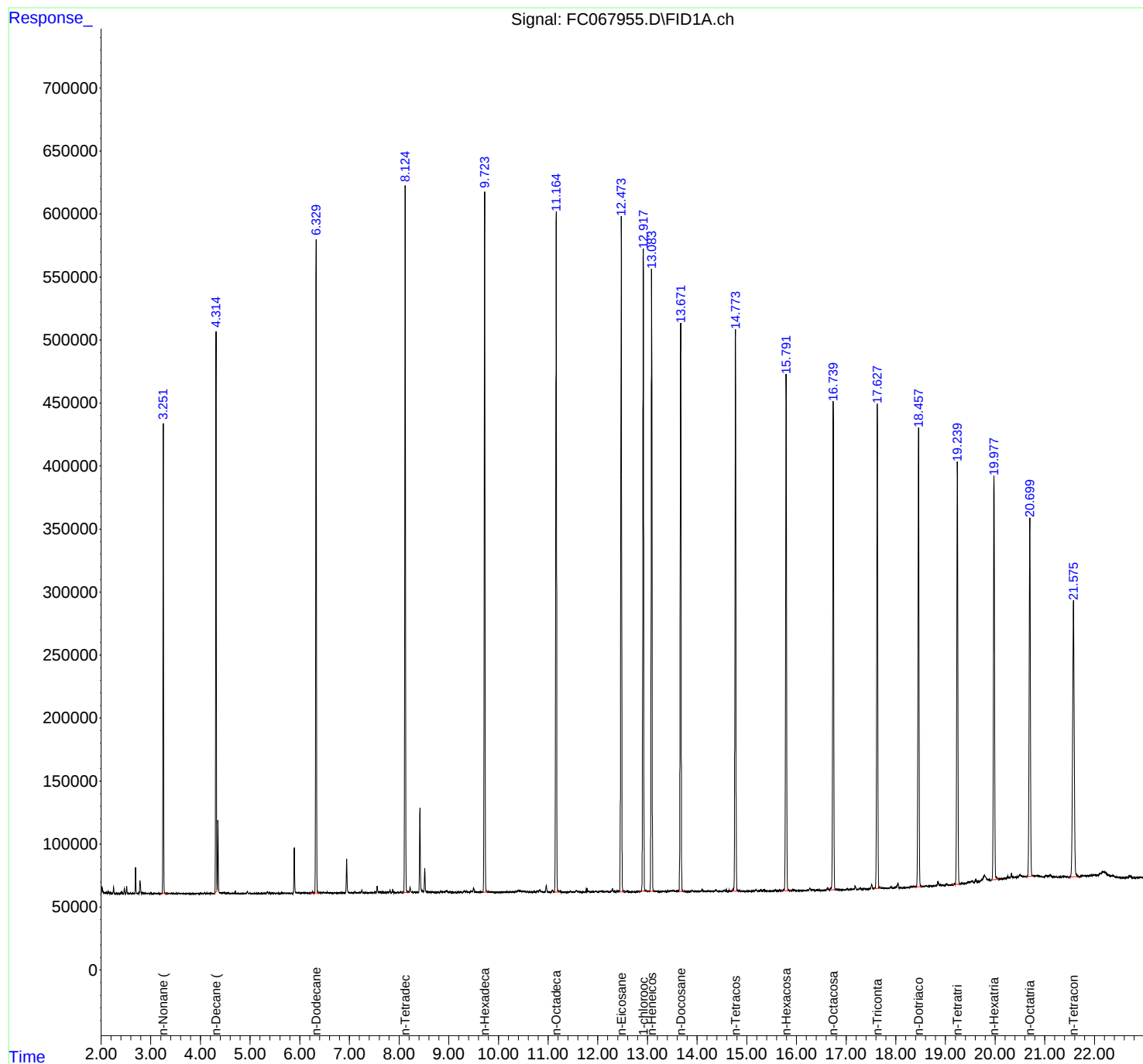
Instrument :
FID_C
ClientSampleId :
PB165500BSD

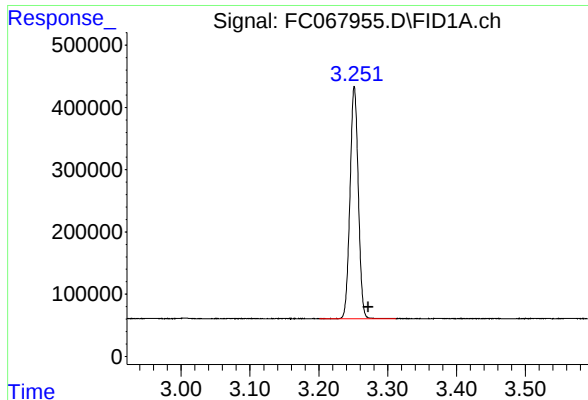
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Quant Title : GC Extractables
QLast Update : Thu Nov 14 14:13:15 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





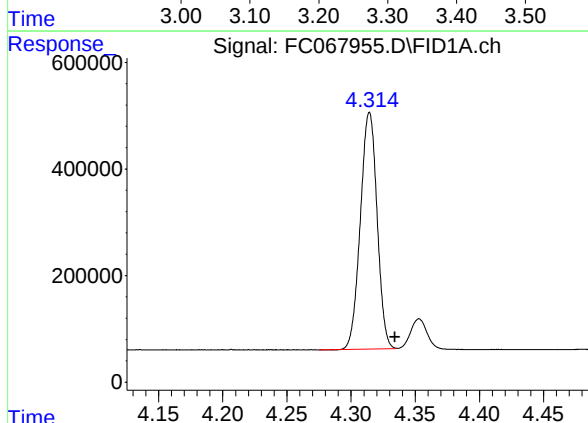
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: -0.020 min
Response: 3122137
Conc: 19.14 ug/ml

Instrument :
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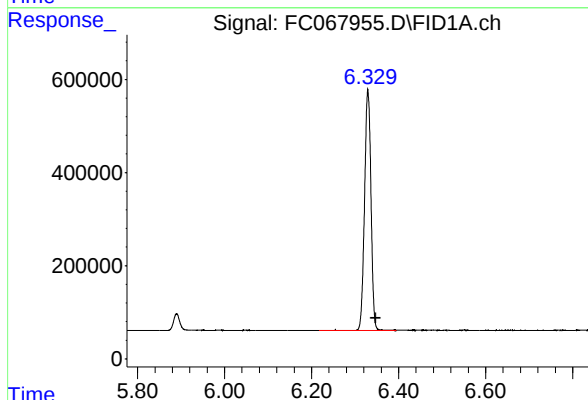
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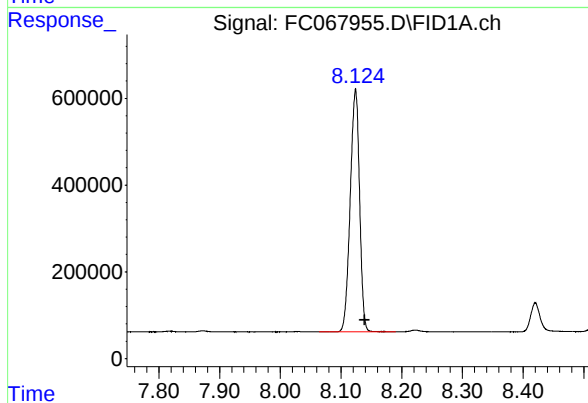
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: -0.020 min
Response: 4040893
Conc: 24.37 ug/ml m



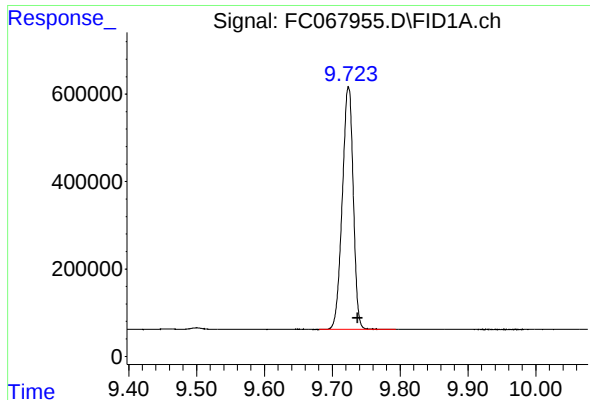
#4 n-Dodecane (C12)

R.T.: 6.330 min
Delta R.T.: -0.018 min
Response: 5279373
Conc: 31.35 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.124 min
Delta R.T.: -0.015 min
Response: 5980443
Conc: 35.71 ug/ml



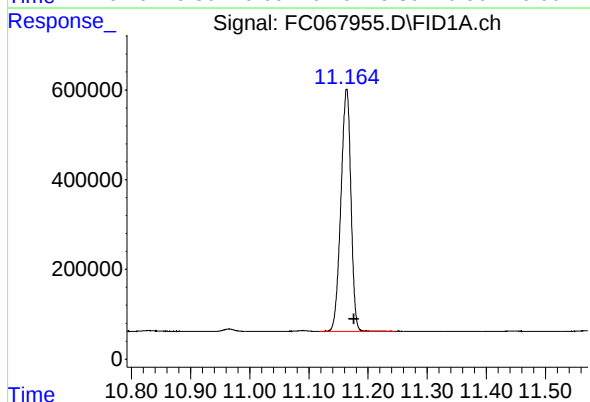
#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: -0.013 min
Response: 6238803
Conc: 36.00 ug/ml

Instrument :
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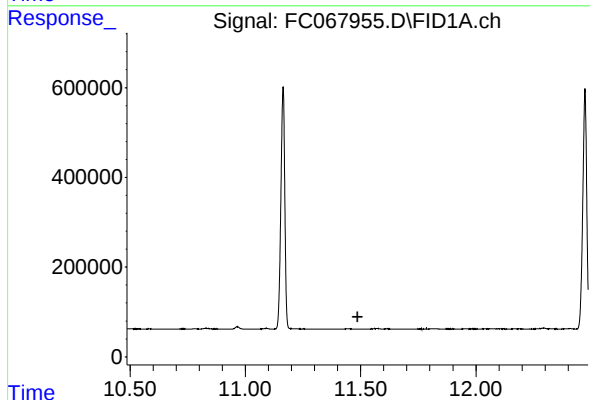
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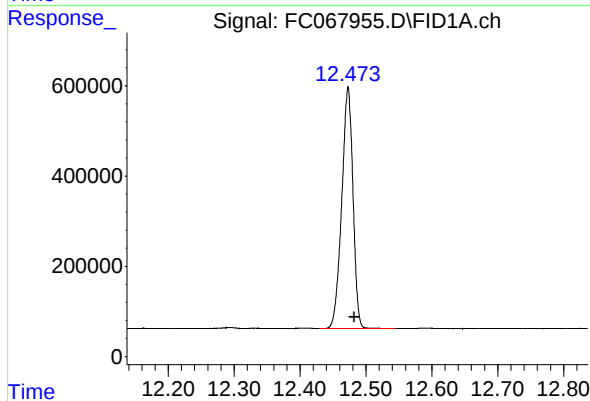
#8 n-Octadecane (C18)

R.T.: 11.164 min
Delta R.T.: -0.013 min
Response: 6374212
Conc: 36.23 ug/ml



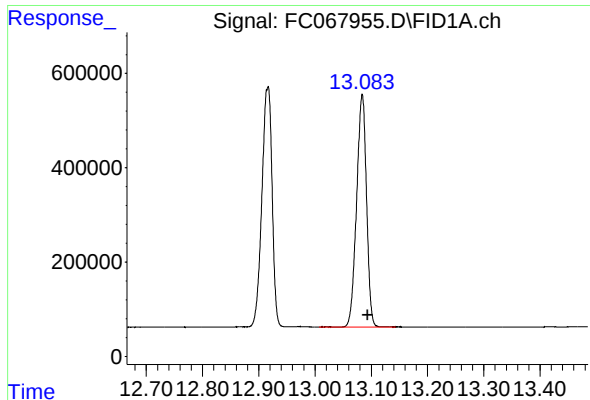
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.486 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.473 min
Delta R.T.: -0.009 min
Response: 6332633
Conc: 37.61 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.084 min
Delta R.T.: -0.010 min
Response: 6037878
Conc: 36.70 ug/ml

Instrument :

FID_C

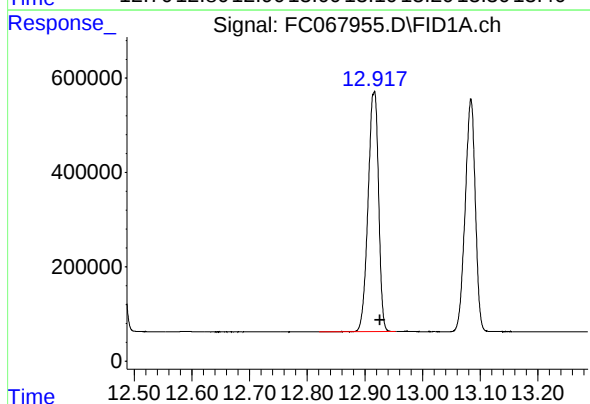
ClientSampleId :

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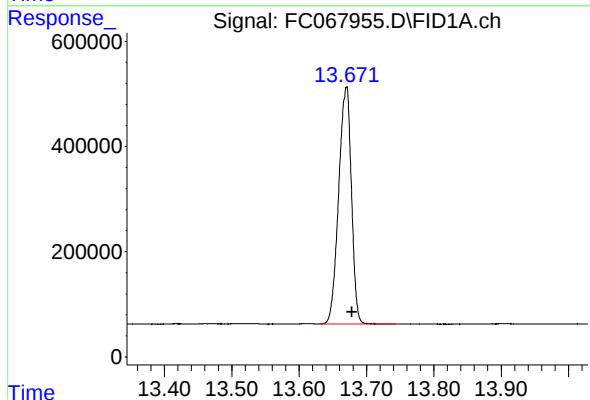
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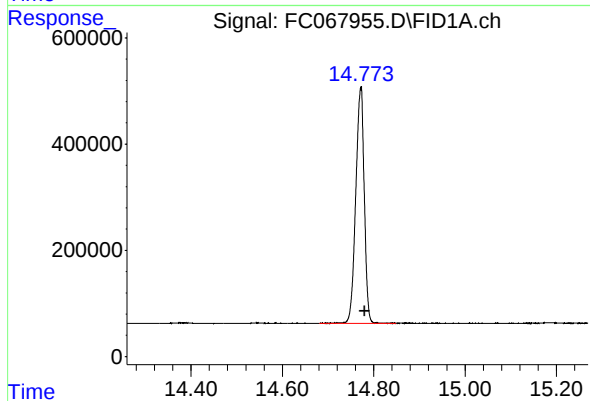
#12 1-chlorooctadecane (SURR)

R.T.: 12.916 min
Delta R.T.: -0.010 min
Response: 6403906
Conc: 44.12 ug/ml



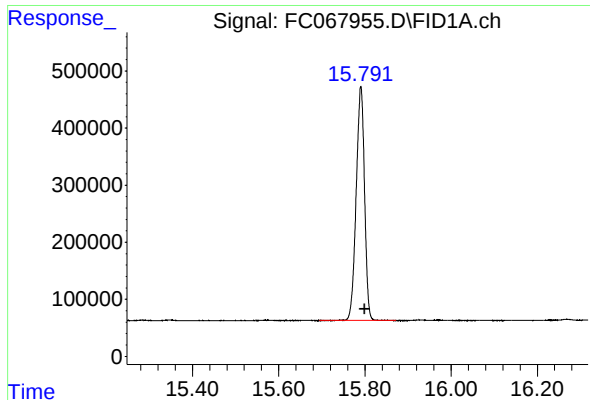
#13 n-Docosane (C22)

R.T.: 13.670 min
Delta R.T.: -0.009 min
Response: 5934446
Conc: 36.44 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: -0.009 min
Response: 5746732
Conc: 35.83 ug/ml



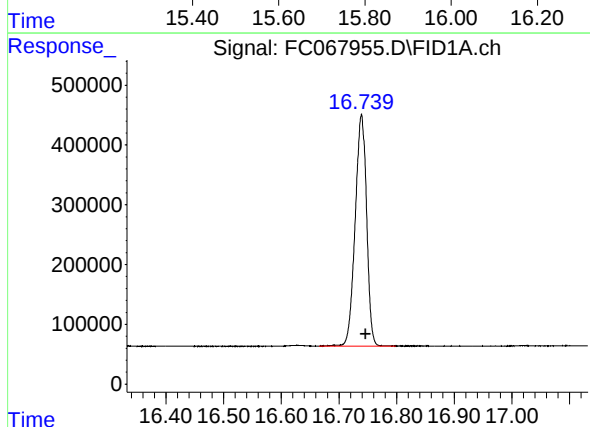
#15 n-Hexacosane (C26)

R.T.: 15.791 min
Delta R.T.: -0.009 min
Response: 5523035
Conc: 35.66 ug/ml

Instrument :
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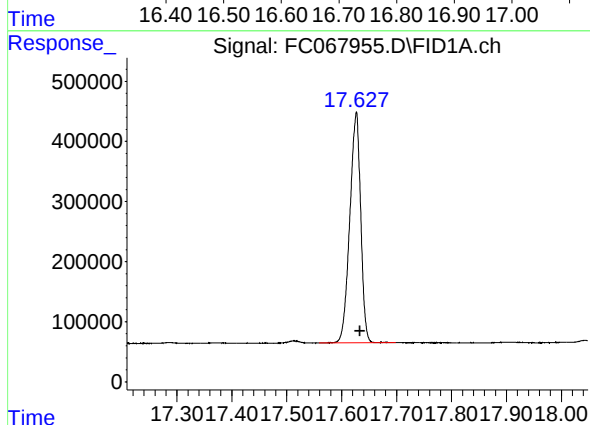
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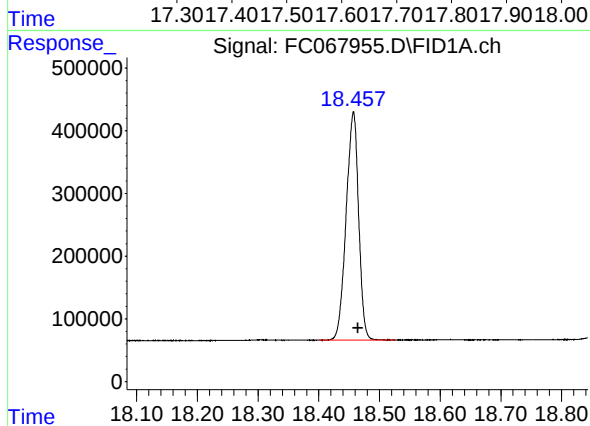
#16 n-Octacosane (C28)

R.T.: 16.739 min
Delta R.T.: -0.008 min
Response: 5341785
Conc: 35.37 ug/ml



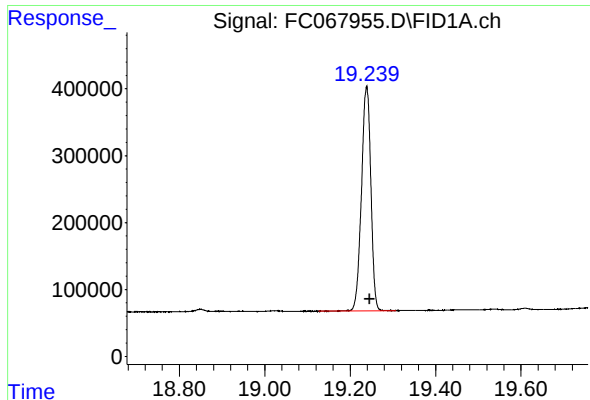
#17 n-Tricontane (C30)

R.T.: 17.626 min
Delta R.T.: -0.007 min
Response: 5295747
Conc: 34.59 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.457 min
Delta R.T.: -0.008 min
Response: 5201355
Conc: 35.22 ug/ml



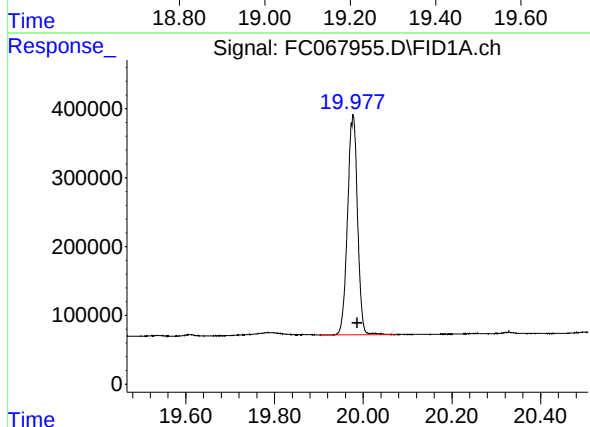
#19 n-Tetratriacontane (C34)

R.T.: 19.238 min
Delta R.T.: -0.007 min
Response: 5105102
Conc: 40.47 ug/ml

Instrument :
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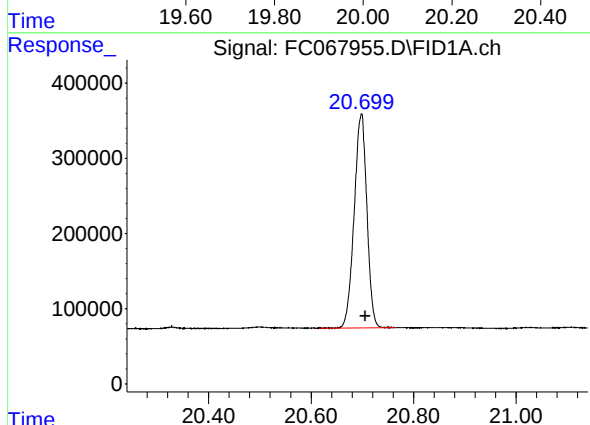
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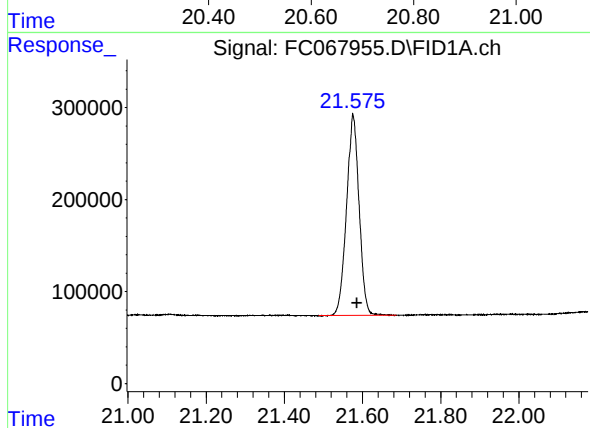
#20 n-Hexatriacontane (C36)

R.T.: 19.977 min
Delta R.T.: -0.009 min
Response: 4983909
Conc: 47.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.698 min
Delta R.T.: -0.008 min
Response: 4901748
Conc: 50.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: -0.009 min
Response: 4888437
Conc: 50.15 ug/ml