

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112023AL\
 Data File : FC065231.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2023 15:24
 Operator : YP/AJ
 Sample : PB157238BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB157238BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :Ankita Jodhani 11/21/2023

Integration File: autoint1.e
 Quant Time: Nov 21 00:12:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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...	12.939	6713662	42.469 ug/ml
Spiked Amount 50.000		Recovery =	84.94%
Target Compounds			
1) T n-Nonane (C9)	3.306	4486902	23.732 ug/ml
2) T n-Decane (C10)	4.366	5527504	29.070 ug/ml
4) T n-Dodecane (C12)	6.377	6545180	33.882 ug/ml
6) T n-Tetradecane (C14)	8.166	7165660	37.976 ug/ml
7) T n-Hexadecane (C16)	9.760	7763698	41.073 ug/ml
8) T n-Octadecane (C18)	11.195	8297745	43.967 ug/ml
10) T n-Eicosane (C20)	12.499	8717030	48.487 ug/ml
11) T n-Heneicosane (C21)	13.107	8372474	47.688 ug/ml
13) T n-Docosane (C22)	13.690	8287520	48.247 ug/ml
14) T n-Tetracosane (C24)	14.789	7989000	47.966 ug/ml
15) T n-Hexacosane (C26)	15.805	7723705	48.120 ug/ml
16) T n-Octacosane (C28)	16.749	7451691	47.614 ug/ml
17) T n-Tricontane (C30)	17.632	7389449	46.653 ug/ml
18) T n-Dotriacontane (C32)	18.461	7267103	46.025 ug/ml
19) T n-Tetratriacontane (C34)	19.242	7098158	46.503 ug/ml
20) T n-Hexatriacontane (C36)	19.977	6813943	45.161 ug/ml
21) T n-Octatriacontane (C38)	20.698	6622898	44.504 ug/ml
22) T n-Tetracontane (C40)	21.574	6518630	44.321 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FC065231.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2023 15:24
Operator : YP/AJ
Sample : PB157238BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

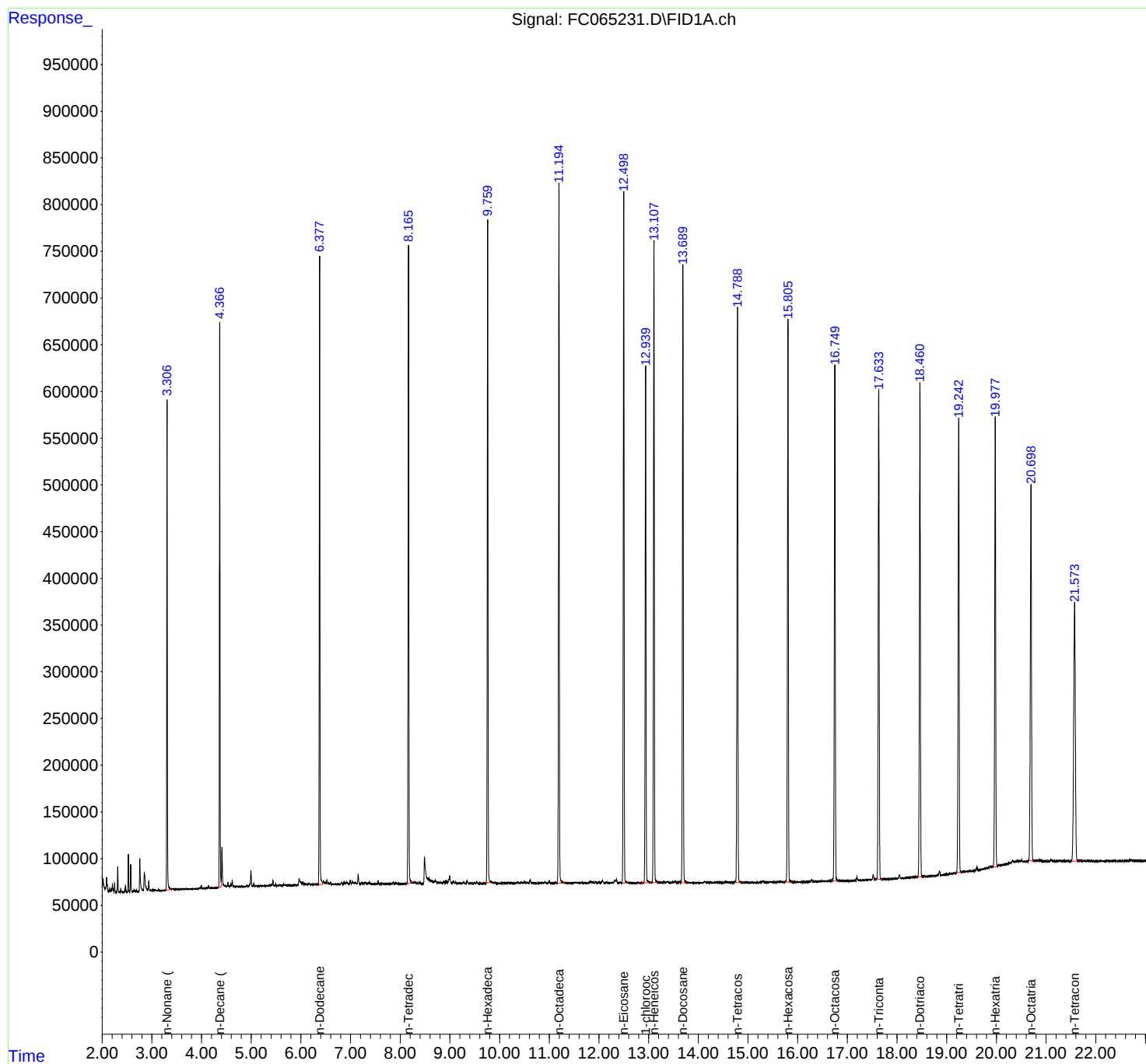
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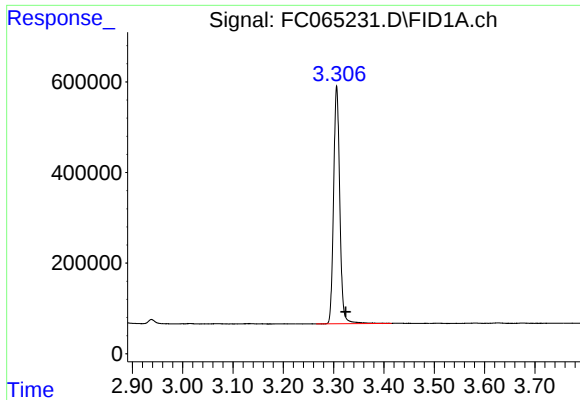
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#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.018 min
Response: 4486902
Conc: 23.73 ug/ml

Instrument :

FID_C

ClientSampleId :

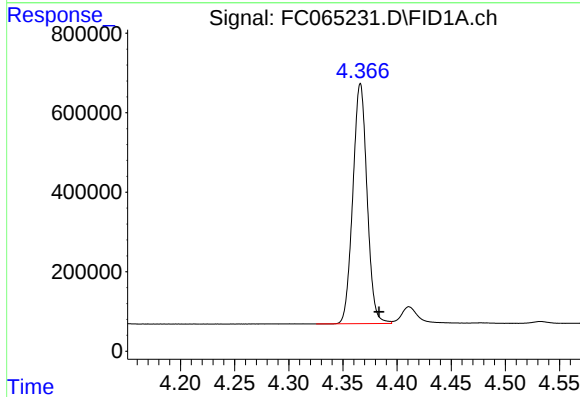
PB157238BS

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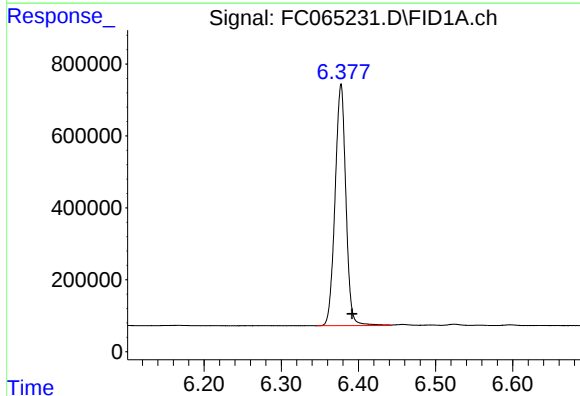
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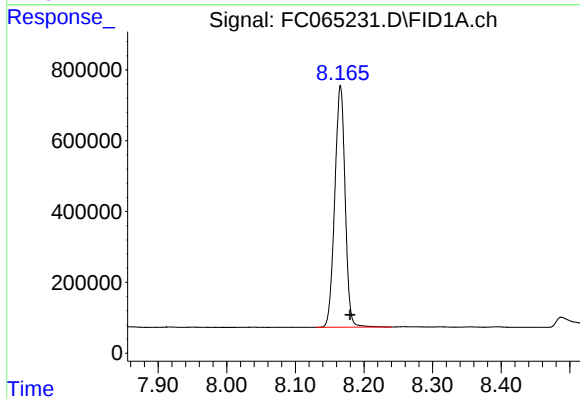
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.017 min
Response: 5527504
Conc: 29.07 ug/ml



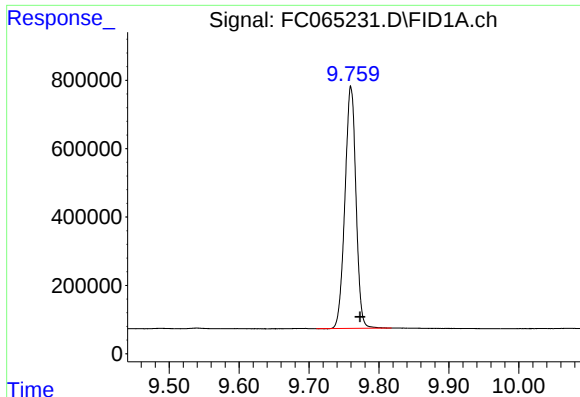
#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: -0.014 min
Response: 6545180
Conc: 33.88 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.014 min
Response: 7165660
Conc: 37.98 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.013 min
Response: 7763698
Conc: 41.07 ug/ml

Instrument :

FID_C

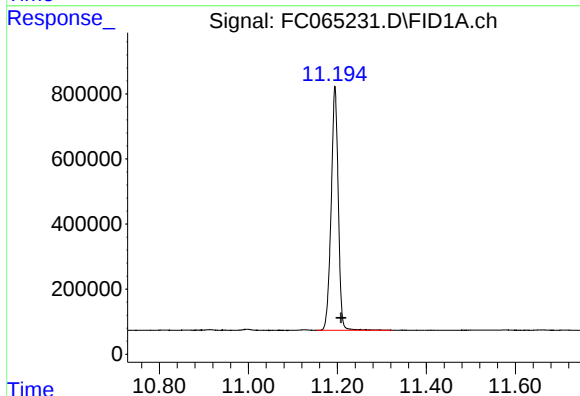
ClientSampleId :

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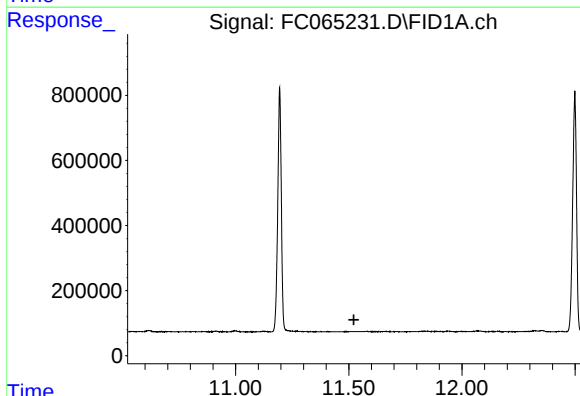
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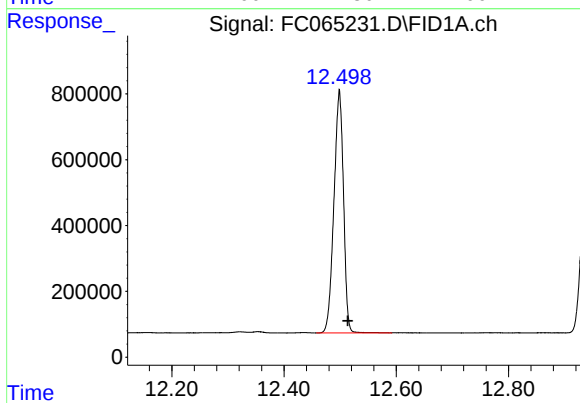
#8 n-Octadecane (C18)

R.T.: 11.195 min
Delta R.T.: -0.014 min
Response: 8297745
Conc: 43.97 ug/ml



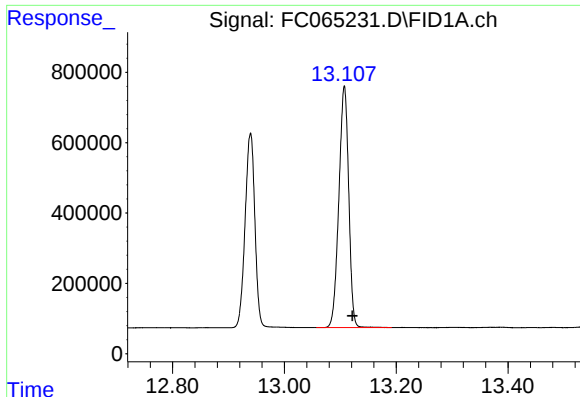
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.523 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.015 min
Response: 8717030
Conc: 48.49 ug/ml



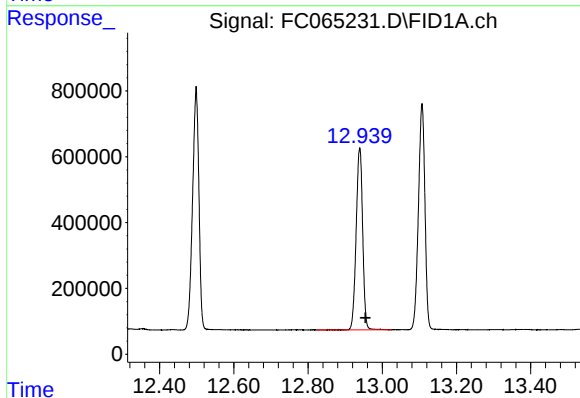
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: -0.014 min
Response: 8372474
Conc: 47.69 ug/ml

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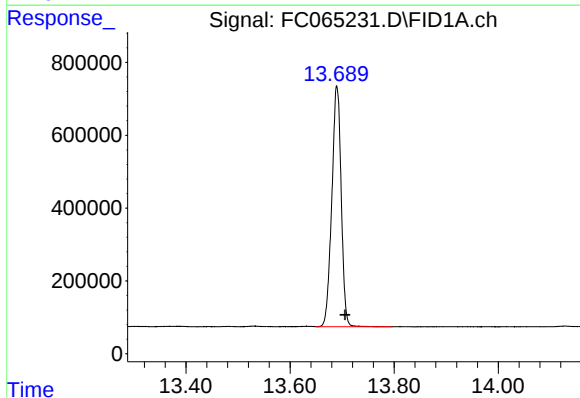
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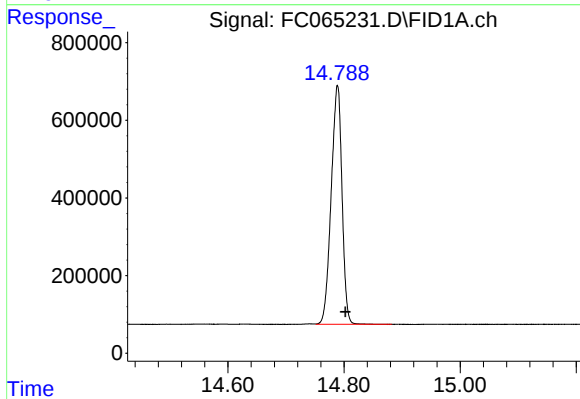
#12 1-chlorooctadecane (SURR)

R.T.: 12.939 min
Delta R.T.: -0.016 min
Response: 6713662
Conc: 42.47 ug/ml



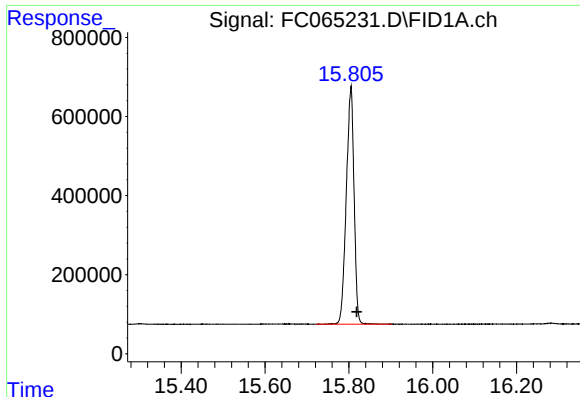
#13 n-Docosane (C22)

R.T.: 13.690 min
Delta R.T.: -0.015 min
Response: 8287520
Conc: 48.25 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: -0.013 min
Response: 7989000
Conc: 47.97 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.014 min
Response: 7723705
Conc: 48.12 ug/ml

Instrument :

FID_C

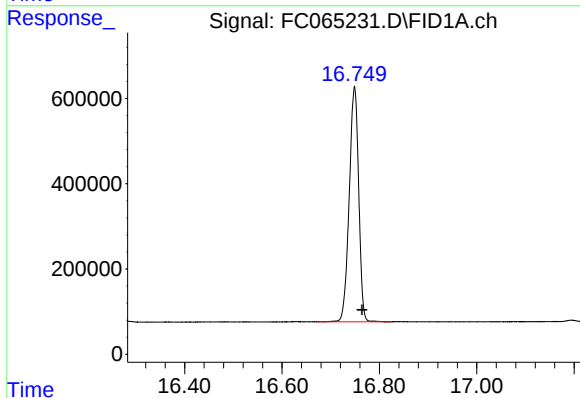
ClientSampleId :

PB157238BS

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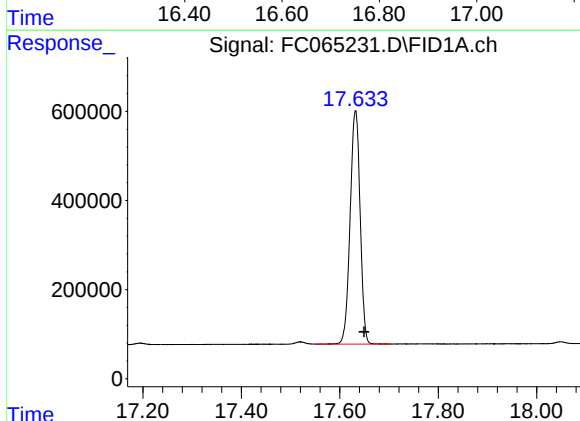
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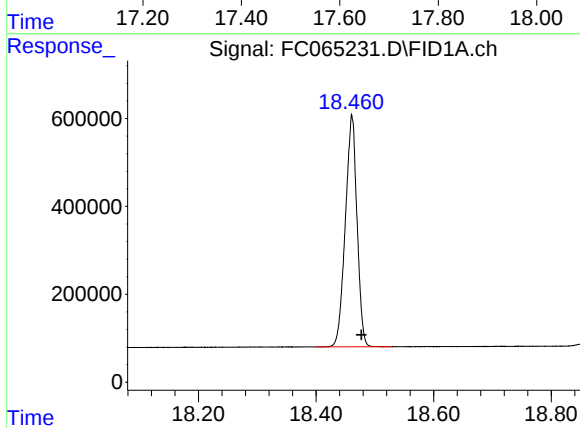
#16 n-Octacosane (C28)

R.T.: 16.749 min
Delta R.T.: -0.016 min
Response: 7451691
Conc: 47.61 ug/ml



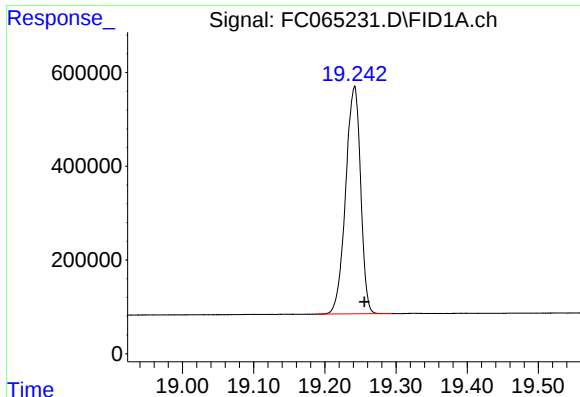
#17 n-Tricontane (C30)

R.T.: 17.632 min
Delta R.T.: -0.017 min
Response: 7389449
Conc: 46.65 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.461 min
Delta R.T.: -0.016 min
Response: 7267103
Conc: 46.03 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.242 min
Delta R.T.: -0.014 min
Response: 7098158
Conc: 46.50 ug/ml

Instrument :

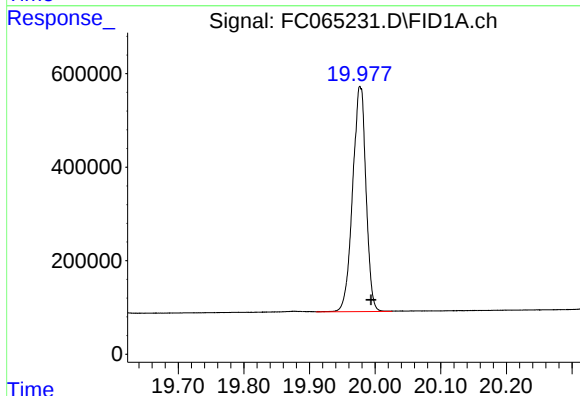
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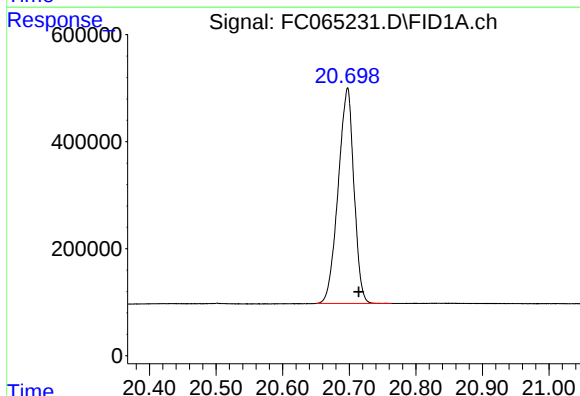
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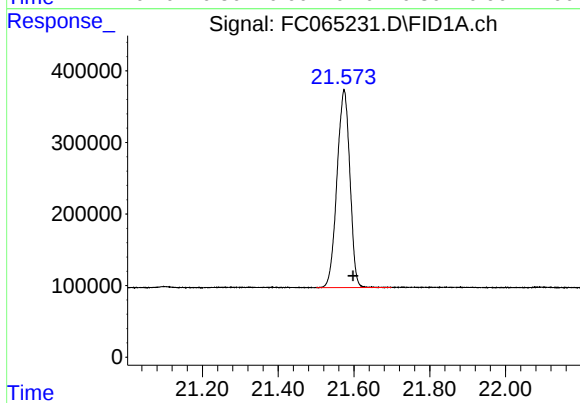
#20 n-Hexatriacontane (C36)

R.T.: 19.977 min
Delta R.T.: -0.016 min
Response: 6813943
Conc: 45.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.698 min
Delta R.T.: -0.017 min
Response: 6622898
Conc: 44.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.574 min
Delta R.T.: -0.024 min
Response: 6518630
Conc: 44.32 ug/ml