

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071023AL\
 Data File : FC064075.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2023 11:20
 Operator : YP/AJ
 Sample : PB154061BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB154061BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :Ankita Jodhani 07/11/2023

Integration File: autoint1.e
 Quant Time: Jul 11 02:57:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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			
9) S ortho-Terphenyl (SURR)	11.524	7160803	36.880 ug/ml
Spiked Amount 50.000		Recovery =	73.76%
12) S 1-chlorooctadecane (S...	12.958	5721986	41.127 ug/ml
Spiked Amount 50.000		Recovery =	82.25%
Target Compounds			
1) T n-Nonane (C9)	3.318	7101298	39.817 ug/ml
2) T n-Decane (C10)	4.375	7388495	40.831 ug/ml
3) T A~Naphthalene (C11.7)	5.952	8297958	44.486 ug/ml
4) T n-Dodecane (C12)	6.384	7801951	43.309 ug/ml
5) T A~2-methylnaphthalene...	7.006	8081758	45.922 ug/ml
6) T n-Tetradecane (C14)	8.176	7730544	44.688 ug/ml
7) T n-Hexadecane (C16)	9.773	7554211	43.487 ug/ml
8) T n-Octadecane (C18)	11.211	7580495	43.984 ug/ml
10) T n-Eicosane (C20)	12.516	7179668	43.980 ug/ml
11) T n-Heneicosane (C21)	13.127	7013769	43.775 ug/ml
13) T n-Docosane (C22)	13.711	6915060	44.007 ug/ml
14) T n-Tetracosane (C24)	14.798	13774488	87.389 ug/ml
15) T n-Hexacosane (C26)	15.831	6651479	44.024 ug/ml
16) T n-Octacosane (C28)	16.774	6646528	44.110 ug/ml
17) T n-Tricontane (C30)	17.662	6569997	42.081 ug/ml
18) T n-Dotriacontane (C32)	18.490	6537009	41.379 ug/ml
19) T n-Tetratriacontane (C34)	19.271	6397177	41.573 ug/ml
20) T n-Hexatriacontane (C36)	20.008	6203182	42.016 ug/mlm
21) T n-Octatriacontane (C38)	20.731	6025333	40.677 ug/ml
22) T n-Tetracontane (C40)	21.621	6017718	41.286 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB154061BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

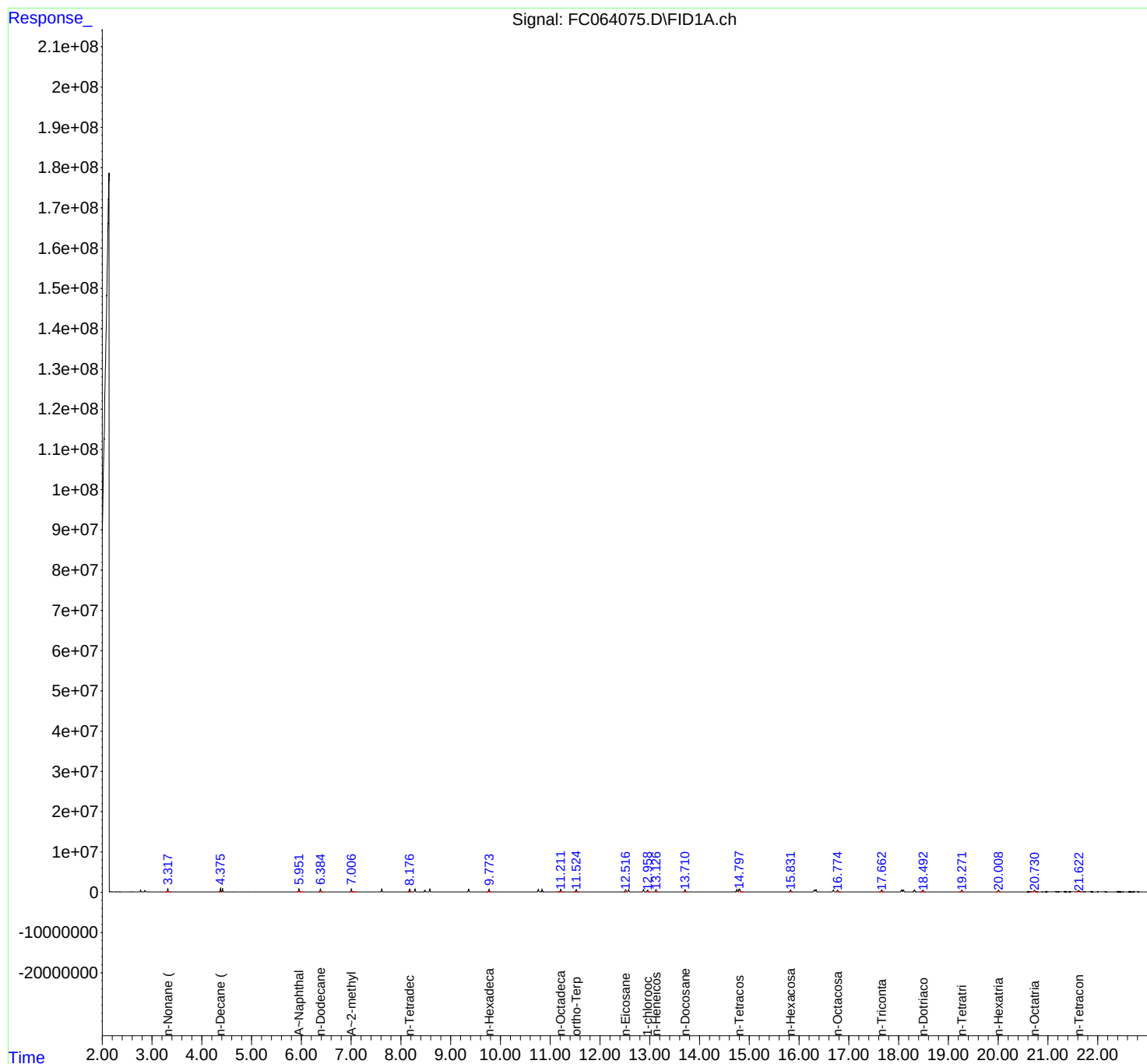
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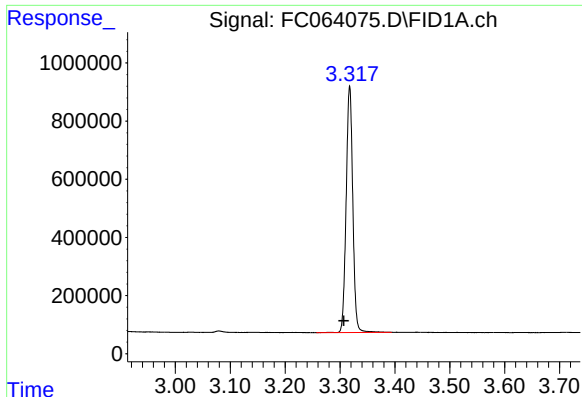
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#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: 0.011 min
Response: 7101298
Conc: 39.82 ug/ml

Instrument :

FID_C

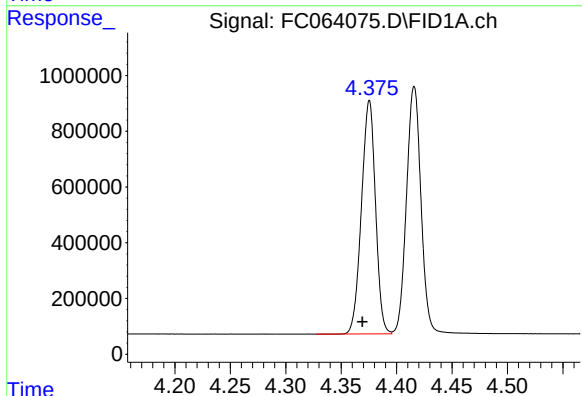
ClientSampleId :

PB154061BS

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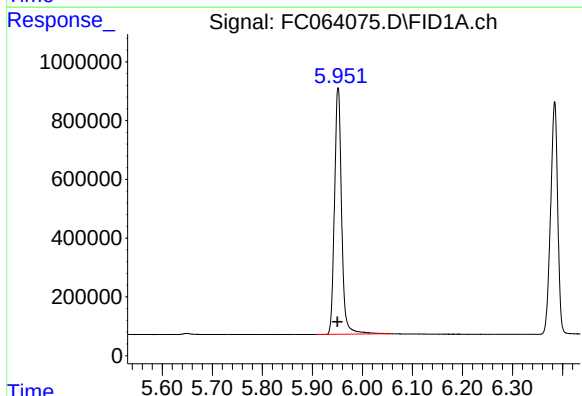
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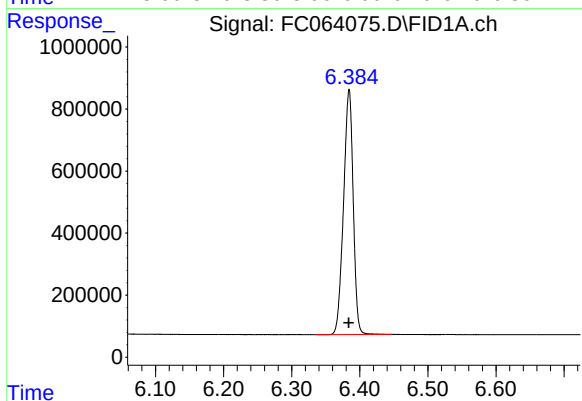
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: 0.006 min
Response: 7388495
Conc: 40.83 ug/ml



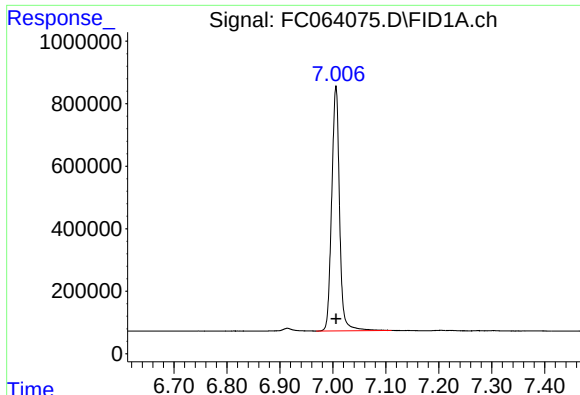
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.001 min
Response: 8297958
Conc: 44.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 7801951
Conc: 43.31 ug/ml



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

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 8081758
Conc: 45.92 ug/ml

Instrument :

FID_C

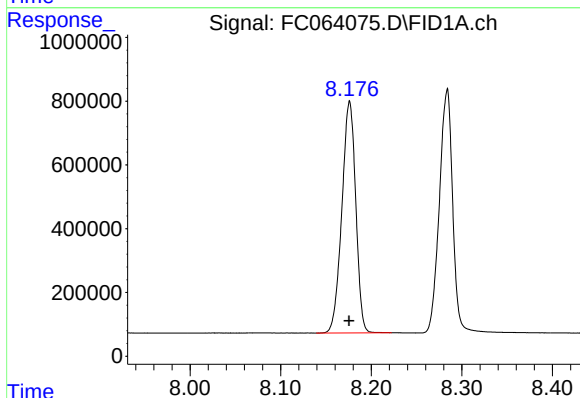
ClientSampleId :

PB154061BS

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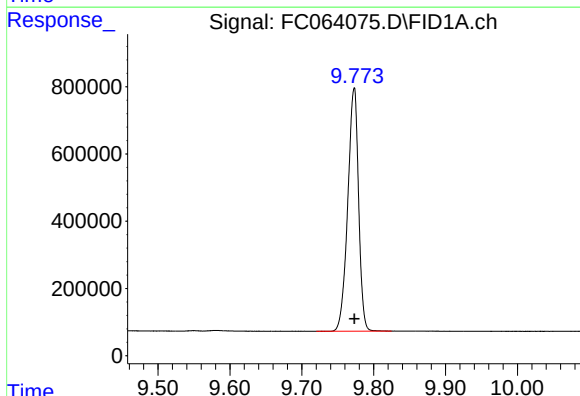
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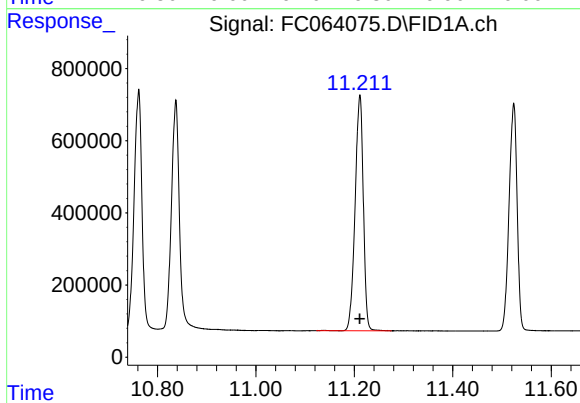
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 7730544
Conc: 44.69 ug/ml



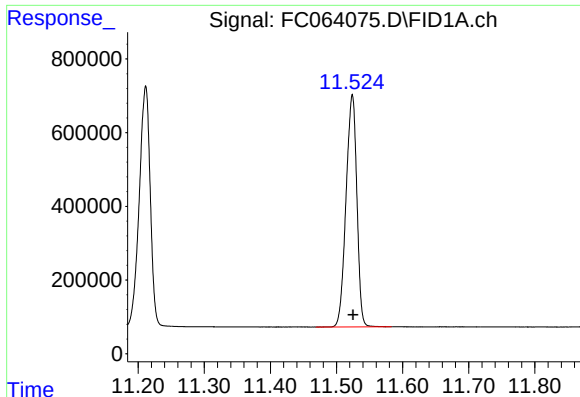
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 7554211
Conc: 43.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: 0.000 min
Response: 7580495
Conc: 43.98 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.001 min
Response: 7160803
Conc: 36.88 ug/ml

Instrument :

FID_C

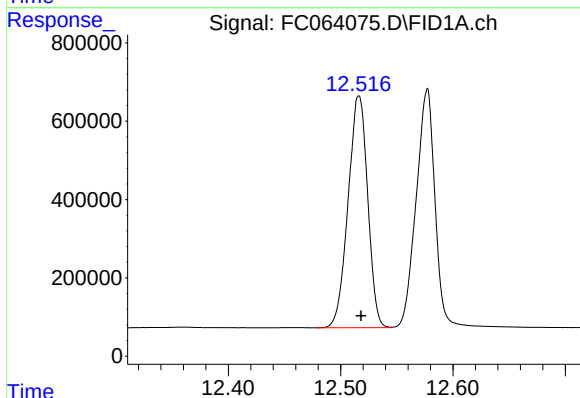
ClientSampleId :

PB154061BS

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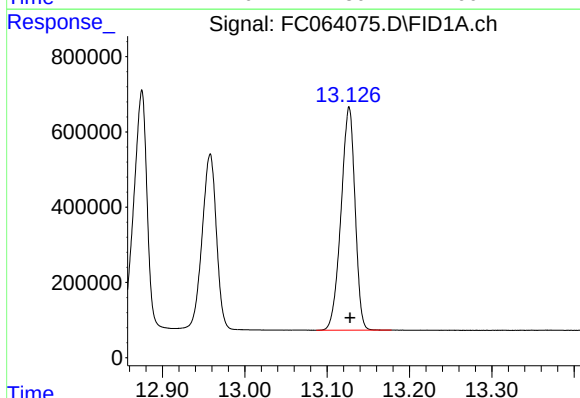
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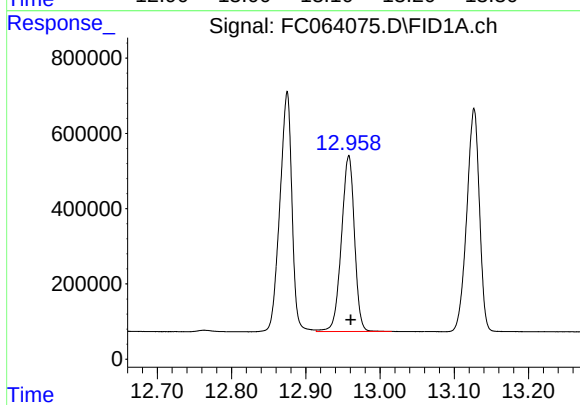
#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: -0.002 min
Response: 7179668
Conc: 43.98 ug/ml



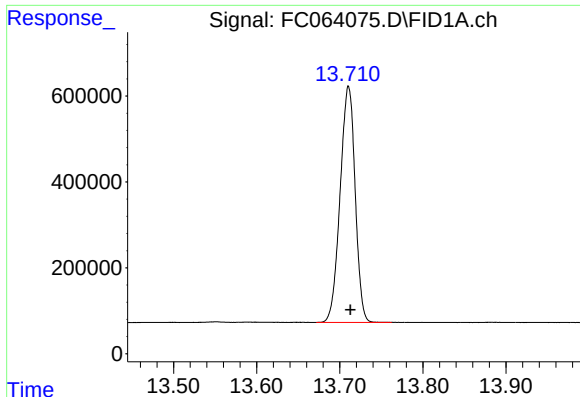
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: -0.001 min
Response: 7013769
Conc: 43.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.003 min
Response: 5721986
Conc: 41.13 ug/ml



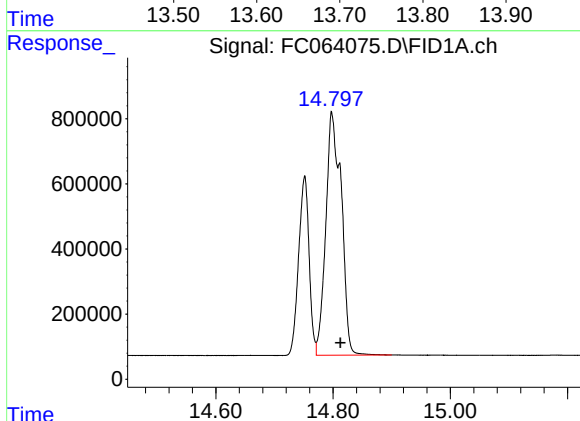
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: -0.002 min
Response: 6915060
Conc: 44.01 ug/ml

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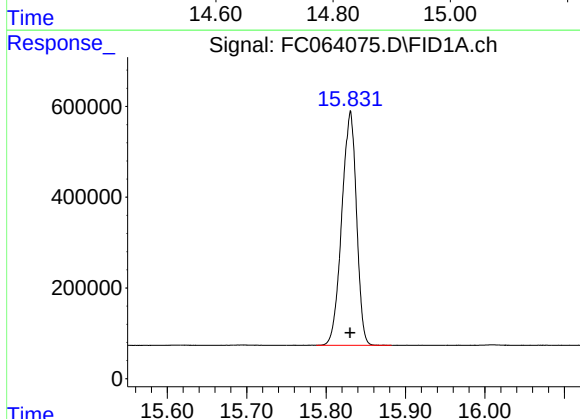
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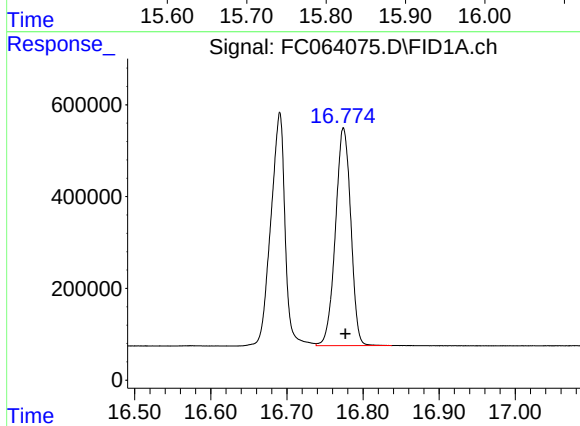
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: -0.014 min
Response: 13774488
Conc: 87.39 ug/ml



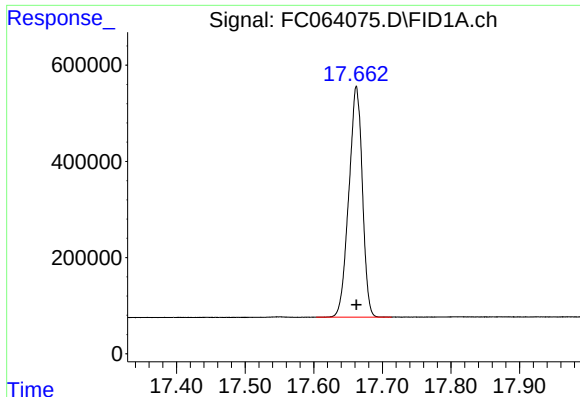
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: 0.000 min
Response: 6651479
Conc: 44.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.003 min
Response: 6646528
Conc: 44.11 ug/ml



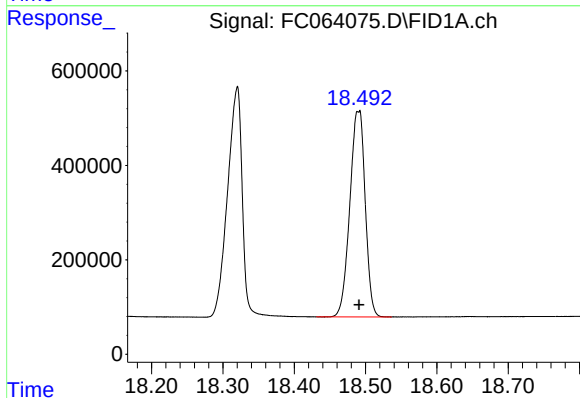
#17 n-Tricontane (C30)

R.T.: 17.662 min
Delta R.T.: 0.000 min
Response: 6569997
Conc: 42.08 ug/ml

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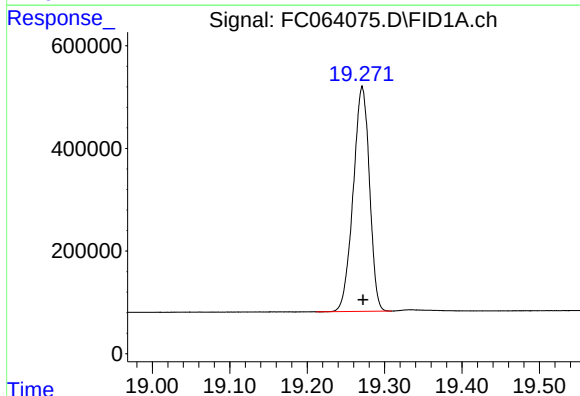
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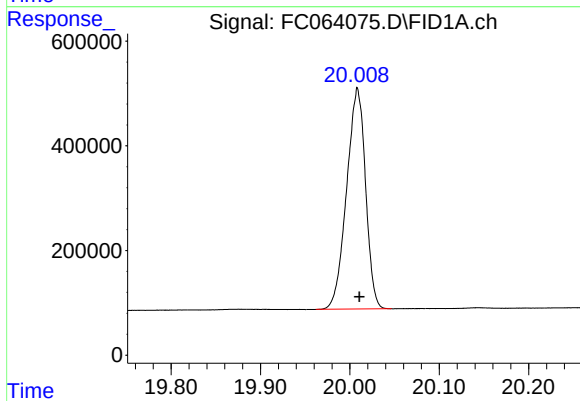
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: 0.000 min
Response: 6537009
Conc: 41.38 ug/ml



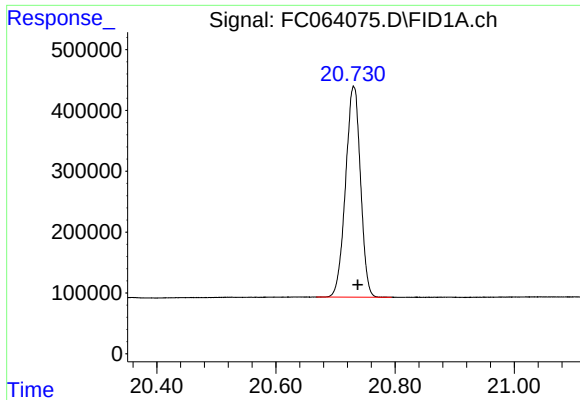
#19 n-Tetratriacontane (C34)

R.T.: 19.271 min
Delta R.T.: -0.001 min
Response: 6397177
Conc: 41.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.008 min
Delta R.T.: -0.003 min
Response: 6203182
Conc: 42.02 ug/ml m



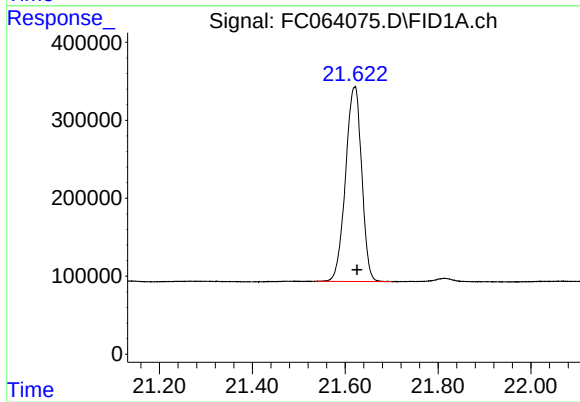
#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: -0.007 min
Response: 6025333
Conc: 40.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: -0.004 min
Response: 6017718
Conc: 41.29 ug/ml