

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111723AL\
 Data File : FC065205.D
 Signal(s) : FID1A.ch
 Acq On : 17 Nov 2023 22:17
 Operator : YP/AJ
 Sample : 05466-04MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

RB200018MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/20/2023

Supervised By :Ankita Jodhani 11/20/2023

Integration File: autoint1.e

Quant Time: Nov 18 01:09:14 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			
9) S ortho-Terphenyl (SURR)	11.515	8272156	37.586 ug/ml
Spiked Amount 50.000		Recovery =	75.17%
12) S 1-chlorooctadecane (S...	12.946	6355337	40.202 ug/ml
Spiked Amount 50.000		Recovery =	80.40%
Target Compounds			
1) T n-Nonane (C9)	3.314	6315426	33.403 ug/ml
2) T n-Decane (C10)	4.374	7052421	37.090 ug/ml
3) T A~Naphthalene (C11.7)	5.953	7901102	40.922 ug/ml
4) T n-Dodecane (C12)	6.383	7493781	38.793 ug/ml
5) T A~2-methylnaphthalene...	7.007	7829969	42.609 ug/ml
6) T n-Tetradecane (C14)	8.174	7841151	41.556 ug/ml
7) T n-Hexadecane (C16)	9.766	8202409	43.394 ug/ml
8) T n-Octadecane (C18)	11.202	8553791	45.323 ug/ml
10) T n-Eicosane (C20)	12.506	8649200	48.110 ug/ml
11) T n-Heneicosane (C21)	13.114	8211094	46.768 ug/ml
13) T n-Docosane (C22)	13.698	8074650	47.008 ug/ml
14) T n-Tetracosane (C24)	14.791	16527946	99.233 ug/ml
15) T n-Hexacosane (C26)	15.814	7539526	46.973 ug/ml
16) T n-Octacosane (C28)	16.758	7582813	48.452 ug/ml
17) T n-Tricontane (C30)	17.643	7384969	46.624 ug/ml
18) T n-Dotriacontane (C32)	18.471	7368143	46.665 ug/ml
19) T n-Tetratriacontane (C34)	19.250	7054223	46.215 ug/ml
20) T n-Hexatriacontane (C36)	19.989	6782935	44.956 ug/mlm
21) T n-Octatriacontane (C38)	20.710	6568606	44.139 ug/ml
22) T n-Tetracontane (C40)	21.590	6478786	44.050 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 05466-04MS
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ALS Vial : 31 Sample Multiplier: 1

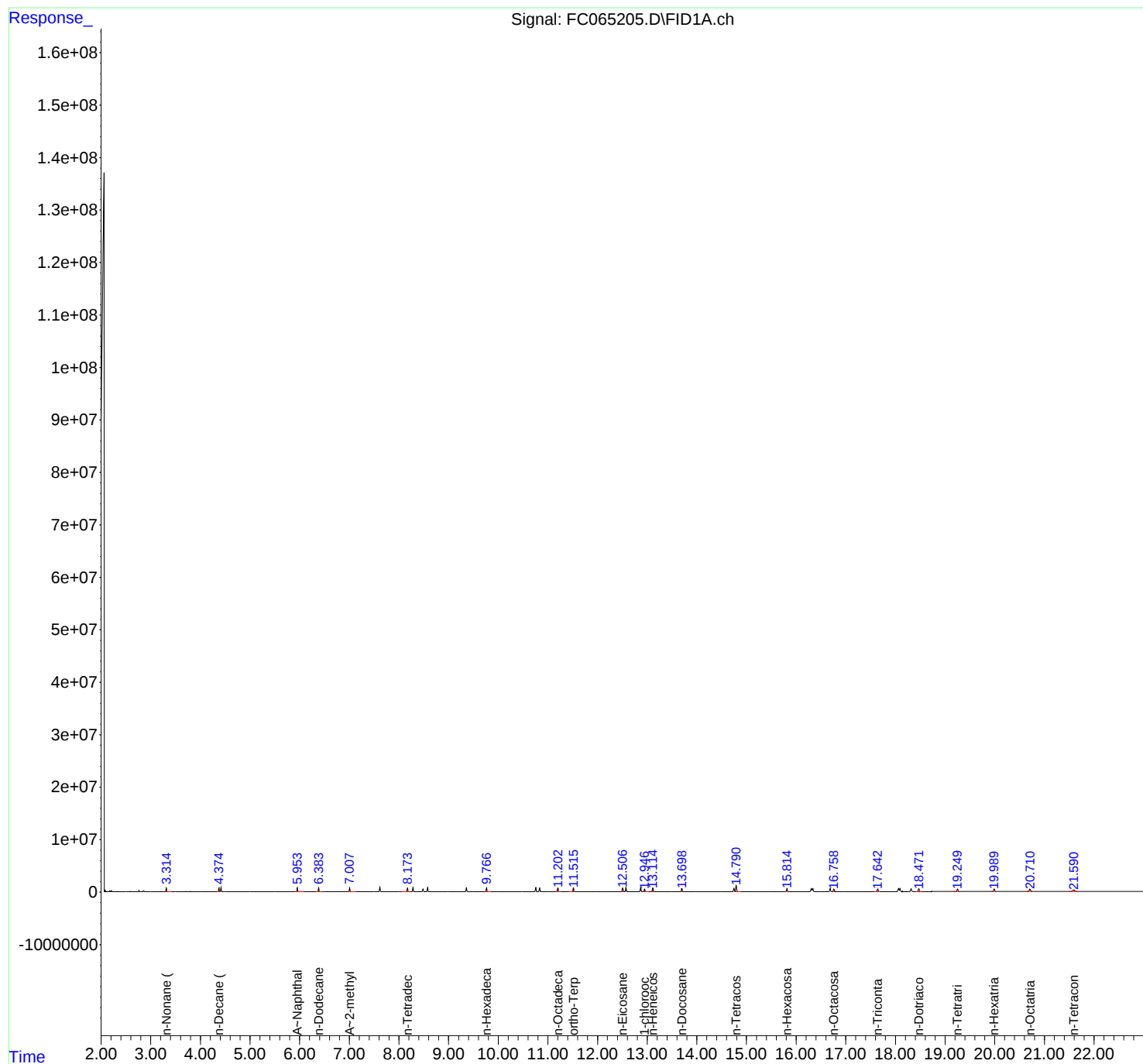
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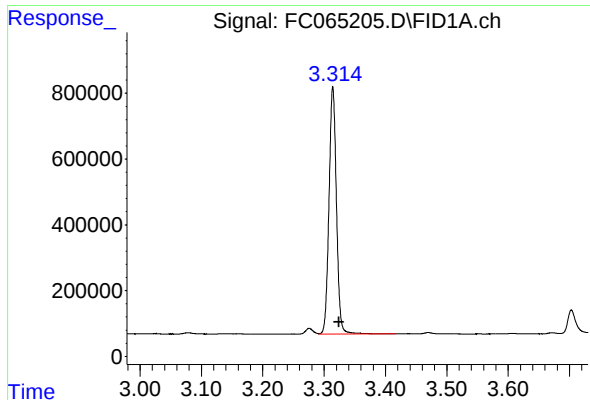
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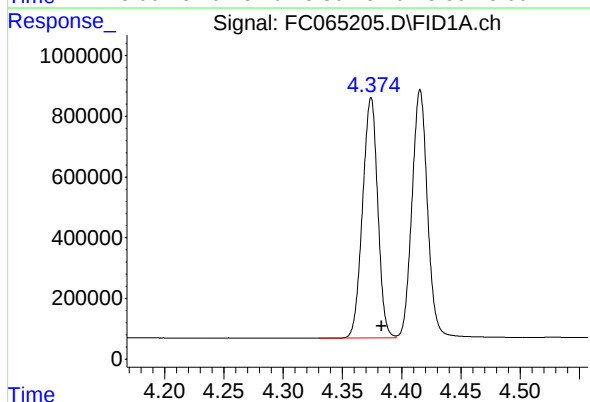
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.010 min
Response: 6315426
Conc: 33.40 ug/ml

Instrument :
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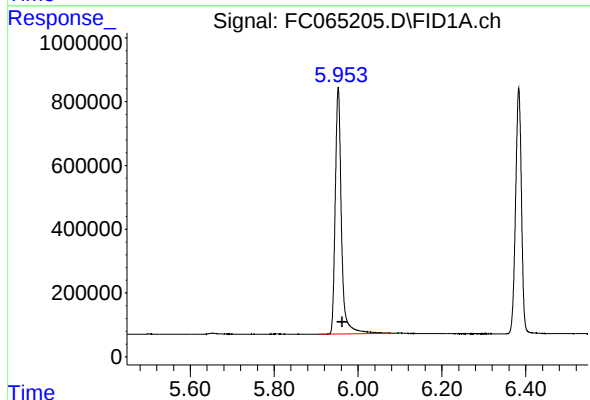
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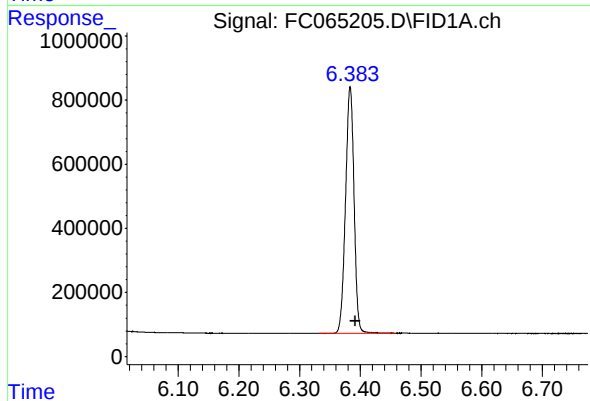
#2 n-Decane (C10)

R.T.: 4.374 min
Delta R.T.: -0.009 min
Response: 7052421
Conc: 37.09 ug/ml



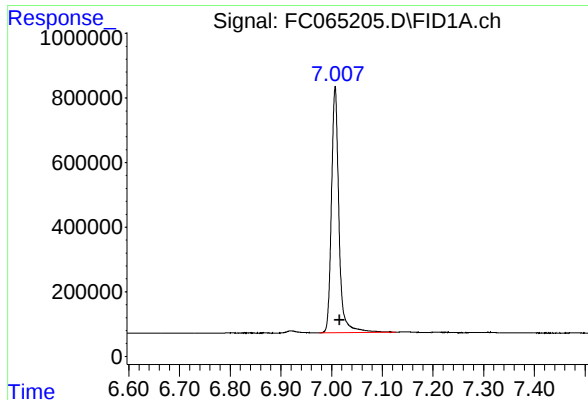
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: -0.010 min
Response: 7901102
Conc: 40.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.008 min
Response: 7493781
Conc: 38.79 ug/ml



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

R.T.: 7.007 min
Delta R.T.: -0.009 min
Response: 7829969
Conc: 42.61 ug/ml

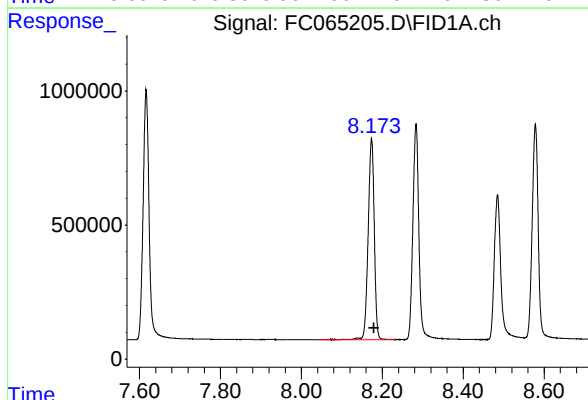
Instrument :

FID_C

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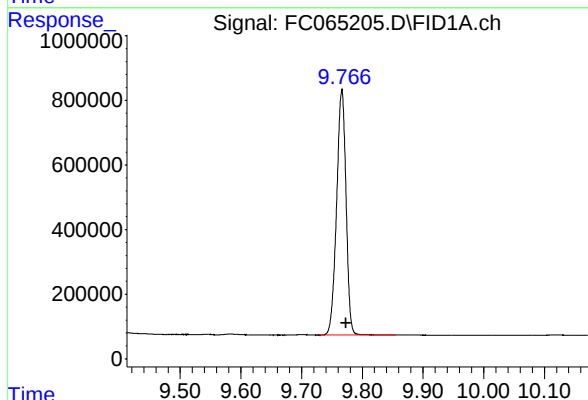
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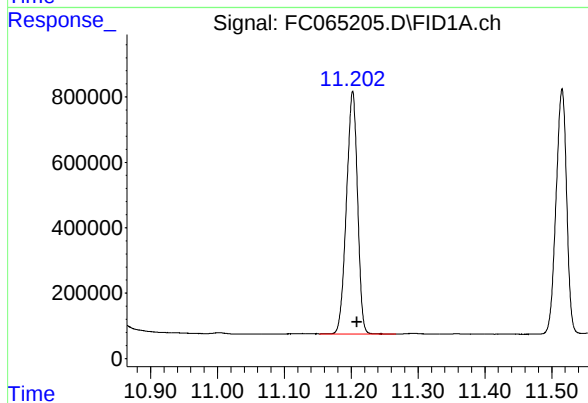
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.006 min
Response: 7841151
Conc: 41.56 ug/ml



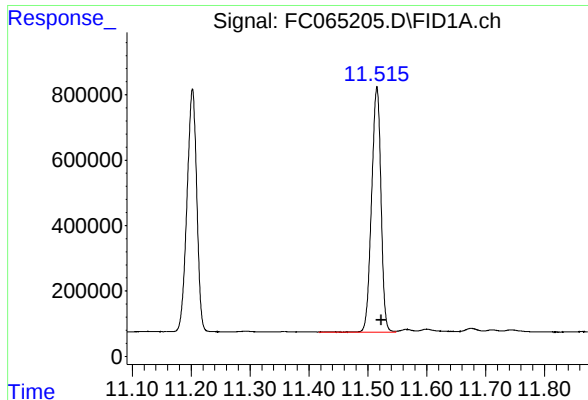
#7 n-Hexadecane (C16)

R.T.: 9.766 min
Delta R.T.: -0.007 min
Response: 8202409
Conc: 43.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.202 min
Delta R.T.: -0.006 min
Response: 8553791
Conc: 45.32 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.515 min
Delta R.T.: -0.007 min
Response: 8272156
Conc: 37.59 ug/ml

Instrument :

FID_C

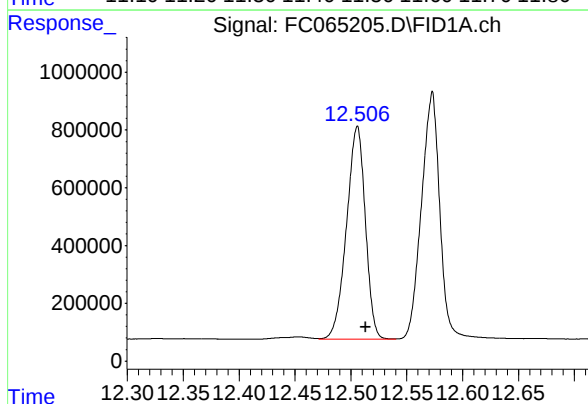
ClientSampleId :

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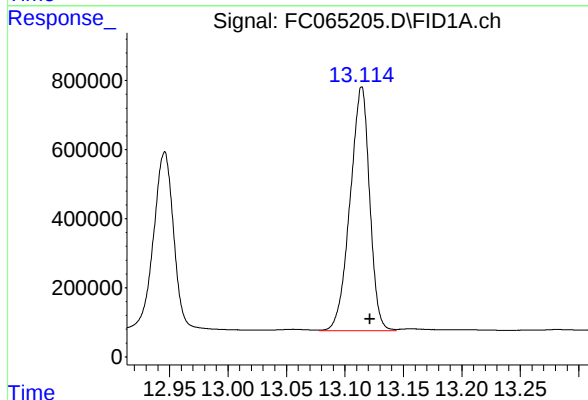
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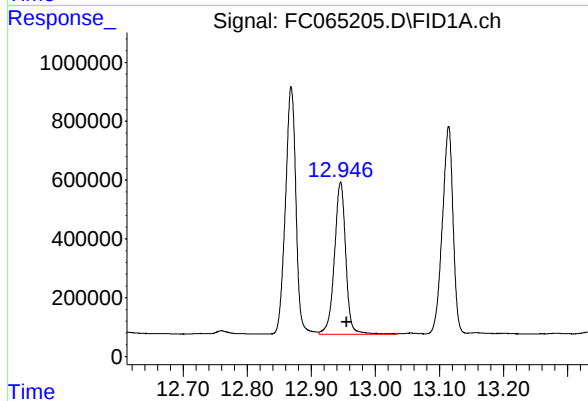
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: -0.008 min
Response: 8649200
Conc: 48.11 ug/ml



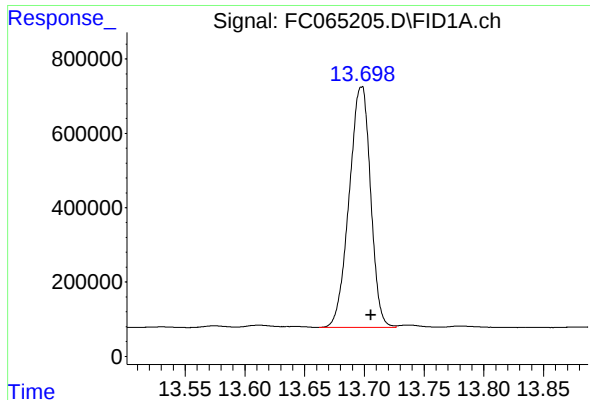
#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: -0.007 min
Response: 8211094
Conc: 46.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: -0.009 min
Response: 6355337
Conc: 40.20 ug/ml



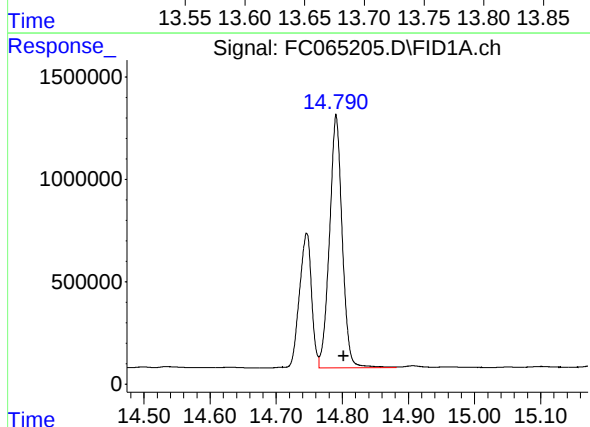
#13 n-Docosane (C22)

R.T.: 13.698 min
Delta R.T.: -0.008 min
Response: 8074650
Conc: 47.01 ug/ml

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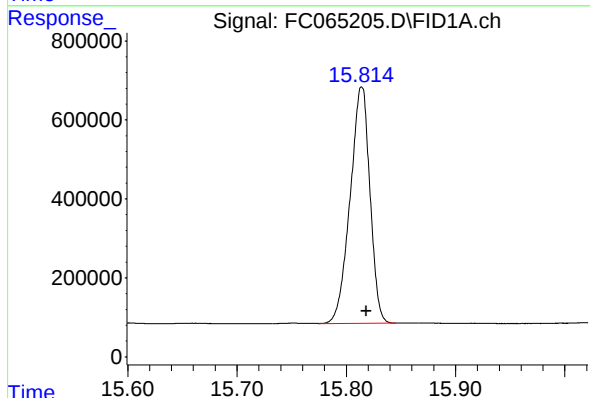
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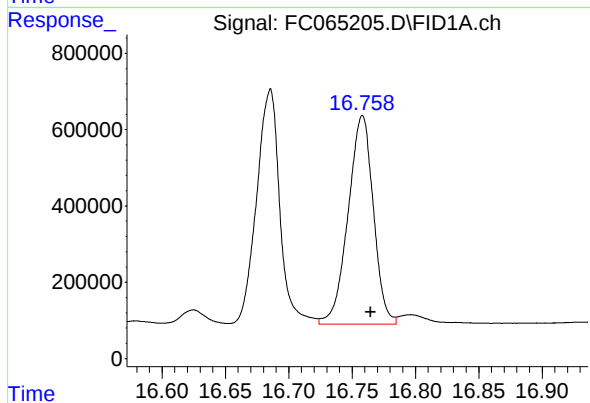
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: -0.012 min
Response: 16527946
Conc: 99.23 ug/ml



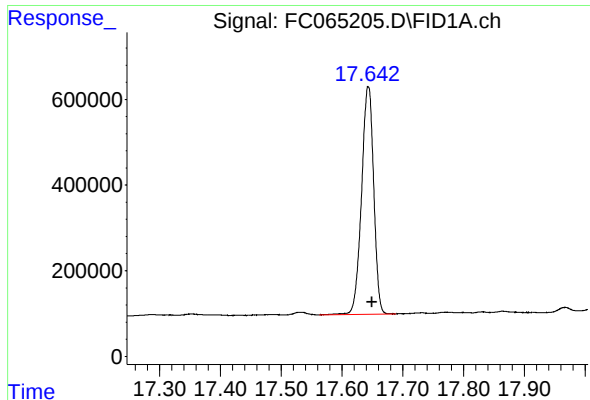
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: -0.004 min
Response: 7539526
Conc: 46.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.758 min
Delta R.T.: -0.006 min
Response: 7582813
Conc: 48.45 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.643 min
Delta R.T.: -0.006 min
Response: 7384969
Conc: 46.62 ug/ml

Instrument :

FID_C

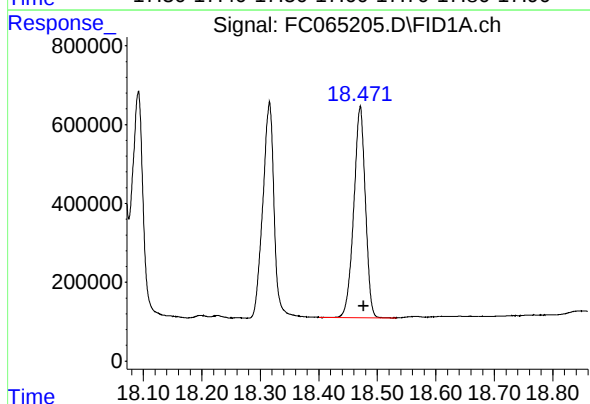
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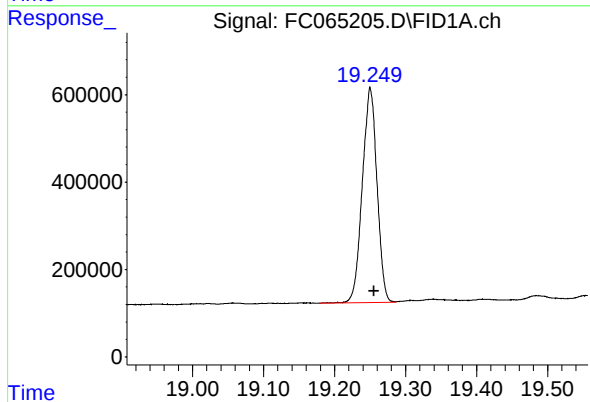
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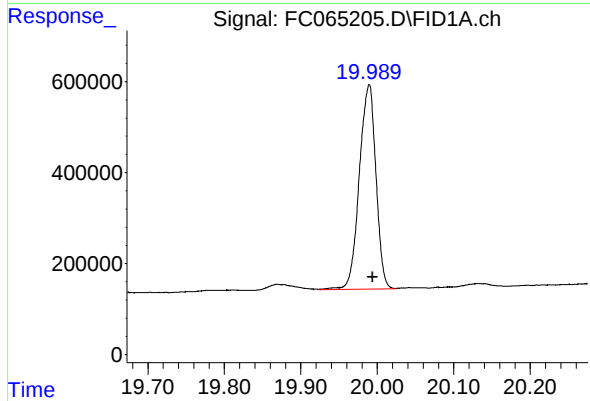
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.006 min
Response: 7368143
Conc: 46.67 ug/ml



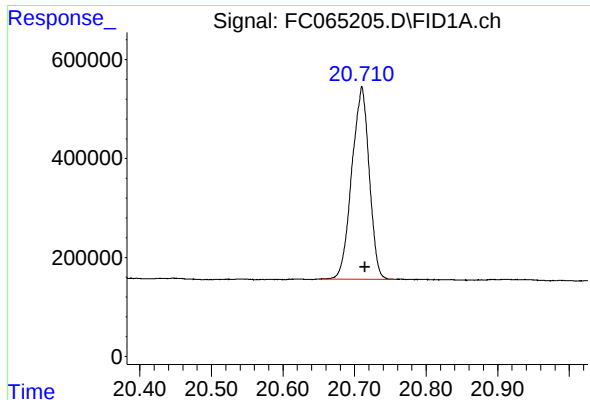
#19 n-Tetratriacontane (C34)

R.T.: 19.250 min
Delta R.T.: -0.005 min
Response: 7054223
Conc: 46.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.989 min
Delta R.T.: -0.005 min
Response: 6782935
Conc: 44.96 ug/ml m



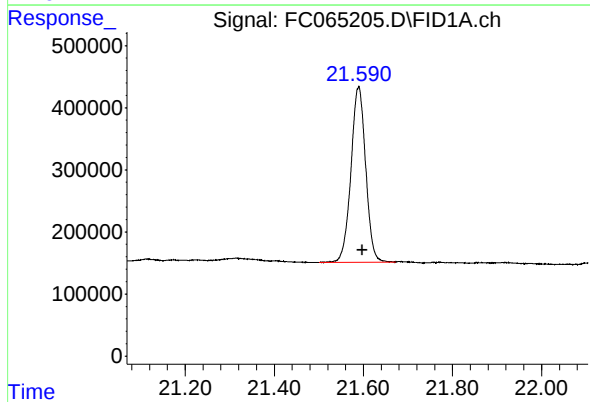
#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: -0.004 min
Response: 6568606
Conc: 44.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.008 min
Response: 6478786
Conc: 44.05 ug/ml