

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111023AL\
 Data File : FC065105.D
 Signal(s) : FID1A.ch
 Acq On : 10 Nov 2023 15:18
 Operator : YP/AJ
 Sample : PB157065BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB157065BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2023
 Supervised By :Ankita Jodhani 11/13/2023

Integration File: autoint1.e
 Quant Time: Nov 11 01:55:58 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)	11.509	7944262	36.096 ug/ml
Spiked Amount 50.000		Recovery =	72.19%
12) S 1-chlorooctadecane (S...	12.941	6147269	38.886 ug/ml
Spiked Amount 50.000		Recovery =	77.77%
Target Compounds			
1) T n-Nonane (C9)	3.315	7495941	39.647 ug/ml
2) T n-Decane (C10)	4.372	8286976	43.583 ug/ml
3) T A~Naphthalene (C11.7)	5.948	9118977	47.230 ug/ml
4) T n-Dodecane (C12)	6.379	8878495	45.961 ug/ml
5) T A~2-methylnaphthalene...	7.002	9007615	49.018 ug/ml
6) T n-Tetradecane (C14)	8.168	8963811	47.506 ug/ml
7) T n-Hexadecane (C16)	9.762	8909674	47.135 ug/ml
8) T n-Octadecane (C18)	11.197	8867082	46.983 ug/ml
10) T n-Eicosane (C20)	12.500	8698545	48.384 ug/ml
11) T n-Heneicosane (C21)	13.109	8246781	46.972 ug/ml
13) T n-Docosane (C22)	13.691	8109039	47.208 ug/ml
14) T n-Tetracosane (C24)	14.784	15487116	92.984 ug/ml
15) T n-Hexacosane (C26)	15.806	7567025	47.144 ug/ml
16) T n-Octacosane (C28)	16.751	7773464	49.670 ug/ml
17) T n-Tricontane (C30)	17.637	7495571	47.323 ug/ml
18) T n-Dotriacontane (C32)	18.464	7327396	46.407 ug/ml
19) T n-Tetratriacontane (C34)	19.244	7195080	47.138 ug/ml
20) T n-Hexatriacontane (C36)	19.980	6808112	45.123 ug/mlm
21) T n-Octatriacontane (C38)	20.701	6721974	45.170 ug/ml
22) T n-Tetracontane (C40)	21.582	6583746	44.763 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

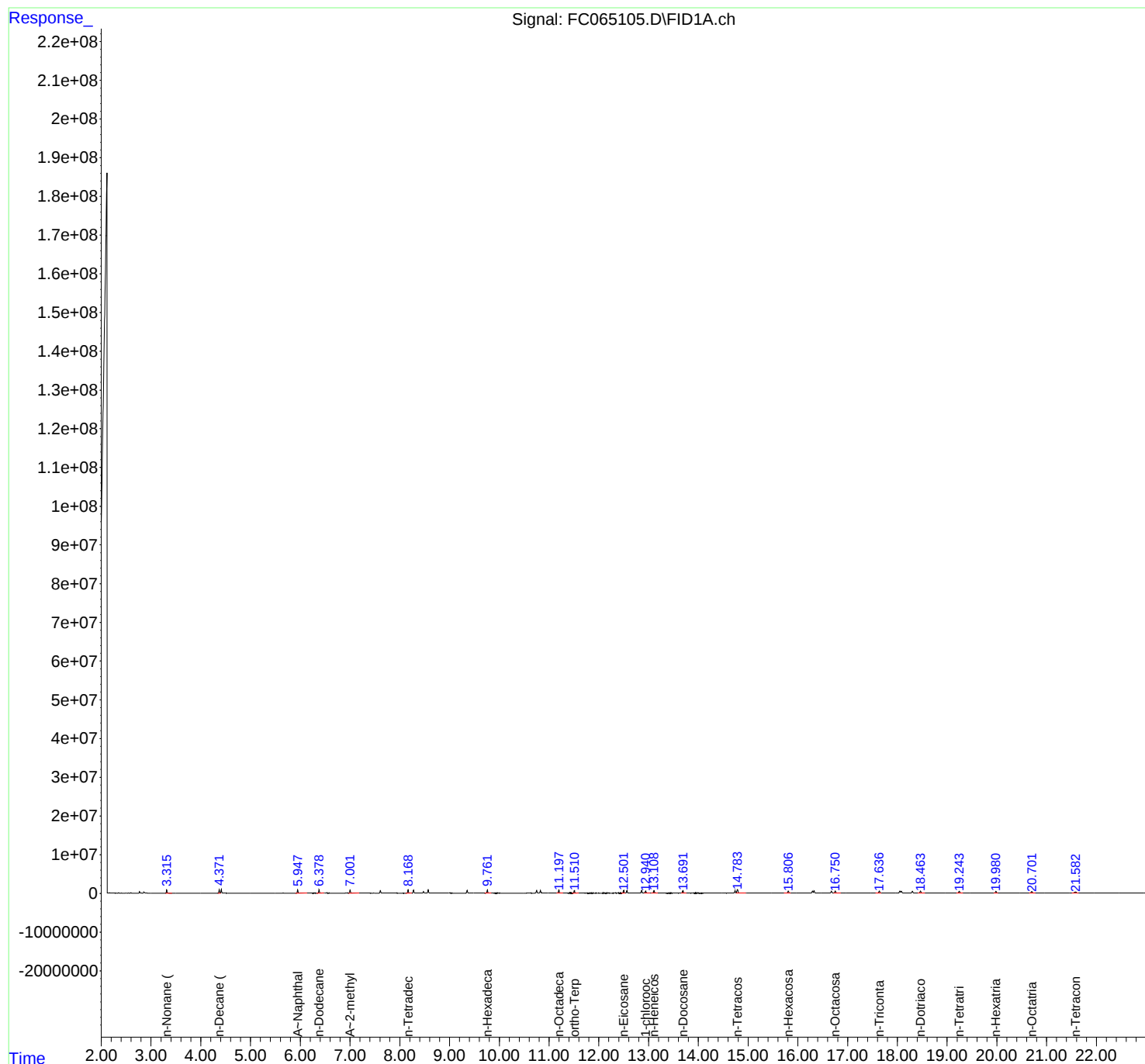
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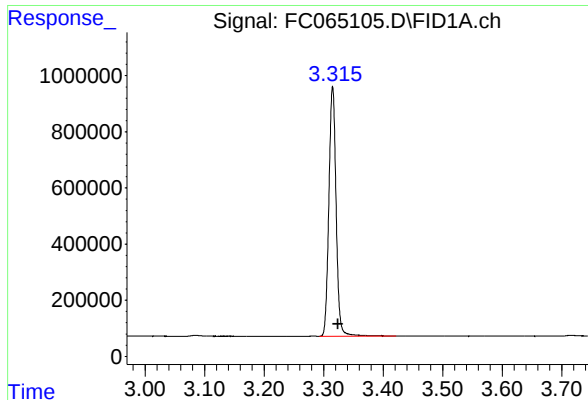
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#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.009 min
Response: 7495941
Conc: 39.65 ug/ml

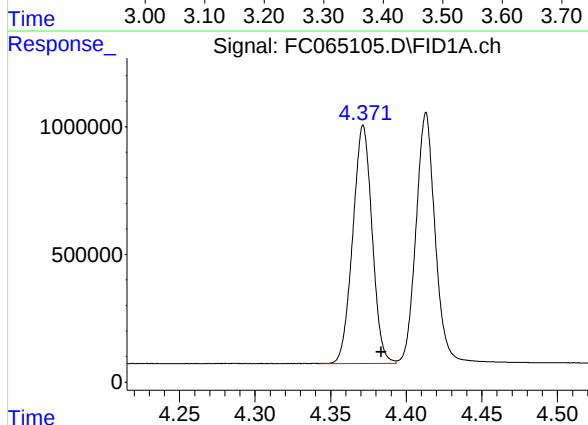
Instrument :

FID_C

ClientSampleId :
PB157065BS

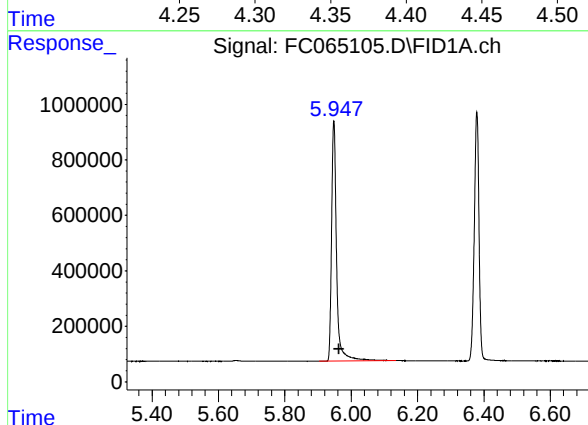
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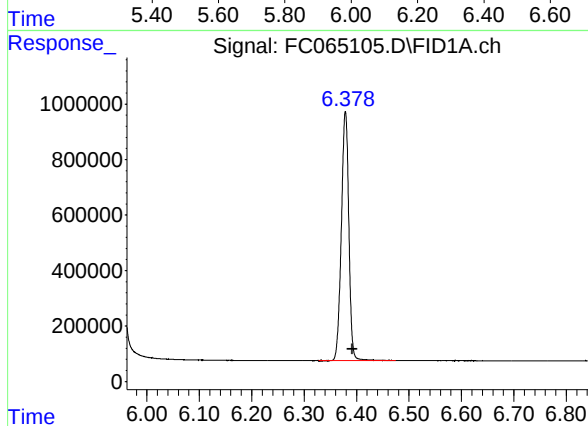
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: -0.012 min
Response: 8286976
Conc: 43.58 ug/ml



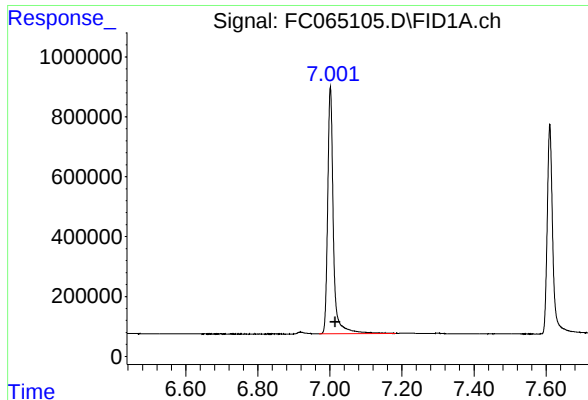
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.015 min
Response: 9118977
Conc: 47.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.013 min
Response: 8878495
Conc: 45.96 ug/ml



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

R.T.: 7.002 min
Delta R.T.: -0.014 min
Response: 9007615
Conc: 49.02 ug/ml

Instrument :

FID_C

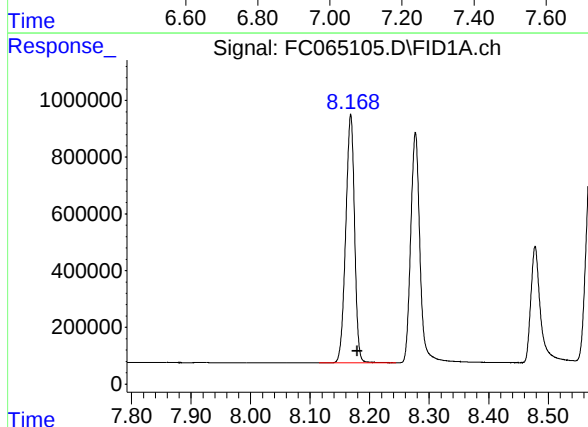
ClientSampleId :

PB157065BS

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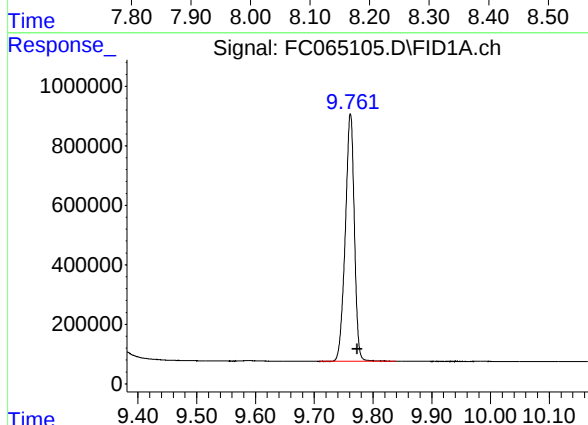
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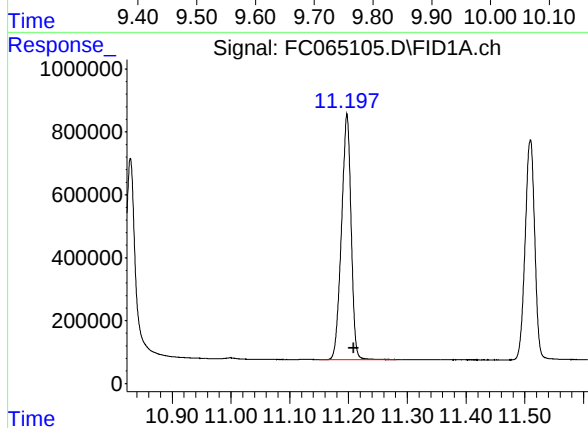
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.011 min
Response: 8963811
Conc: 47.51 ug/ml



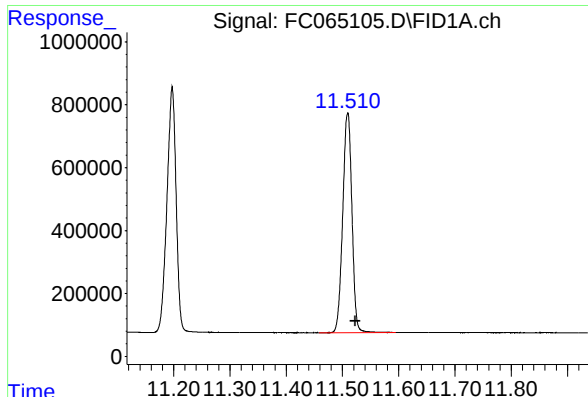
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.011 min
Response: 8909674
Conc: 47.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.197 min
Delta R.T.: -0.011 min
Response: 8867082
Conc: 46.98 ug/ml



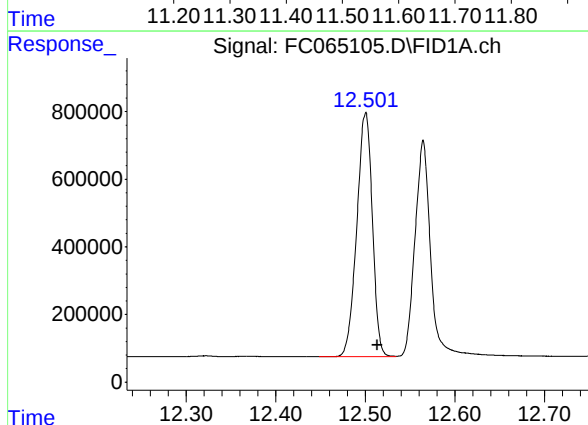
#9 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: -0.013 min
Response: 7944262
Conc: 36.10 ug/ml

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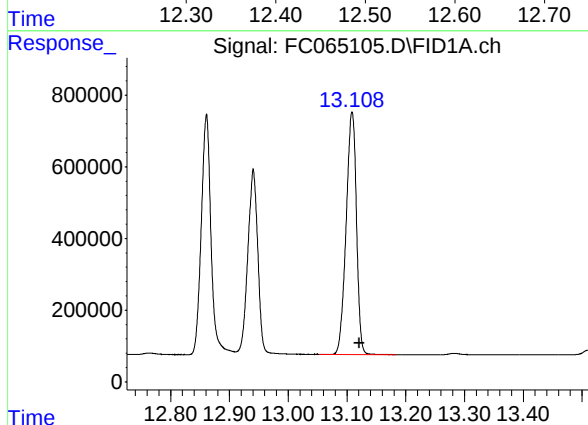
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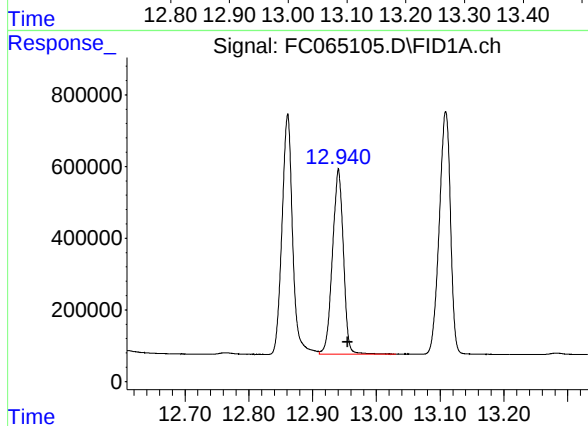
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.013 min
Response: 8698545
Conc: 48.38 ug/ml



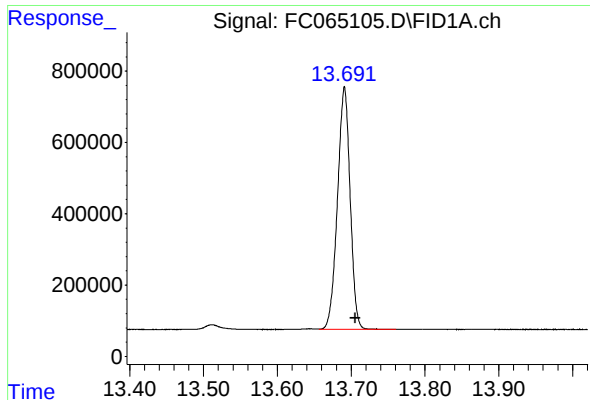
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: -0.013 min
Response: 8246781
Conc: 46.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: -0.014 min
Response: 6147269
Conc: 38.89 ug/ml



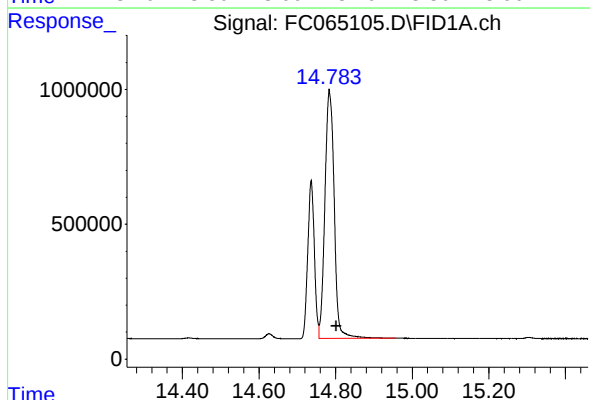
#13 n-Docosane (C22)

R.T.: 13.691 min
Delta R.T.: -0.014 min
Response: 8109039
Conc: 47.21 ug/ml

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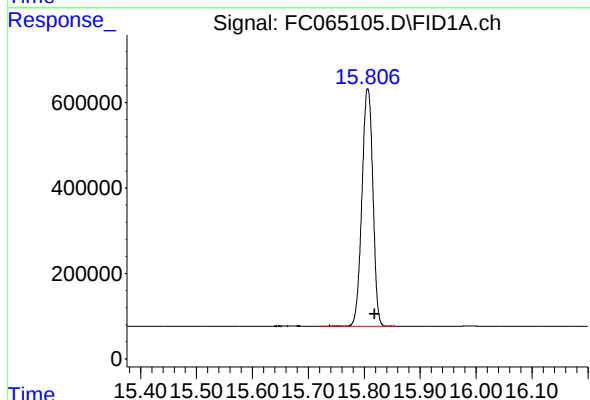
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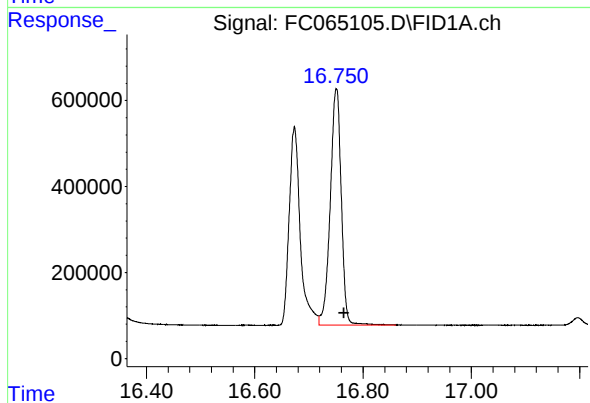
#14 n-Tetracosane (C24)

R.T.: 14.784 min
Delta R.T.: -0.019 min
Response: 15487116
Conc: 92.98 ug/ml



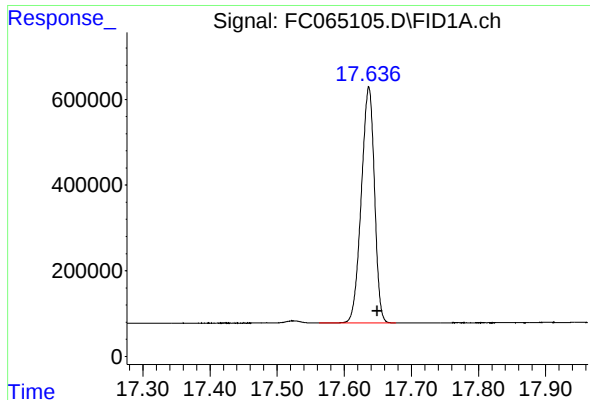
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.012 min
Response: 7567025
Conc: 47.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: -0.014 min
Response: 7773464
Conc: 49.67 ug/ml



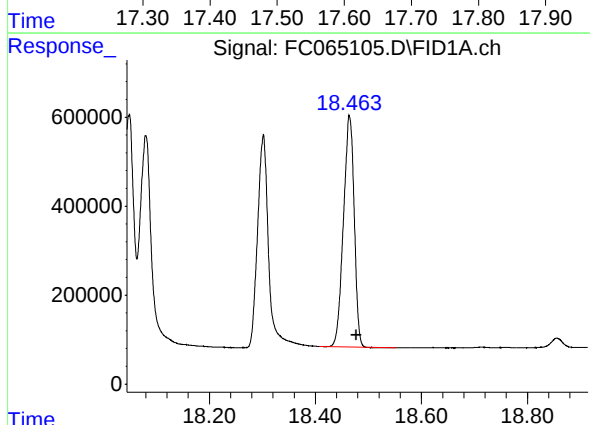
#17 n-Tricontane (C30)

R.T.: 17.637 min
Delta R.T.: -0.013 min
Response: 7495571
Conc: 47.32 ug/ml

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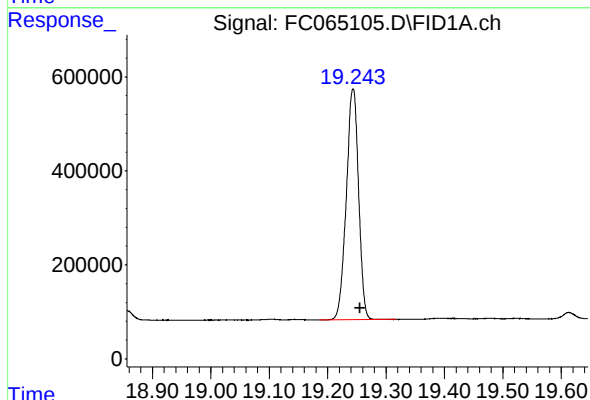
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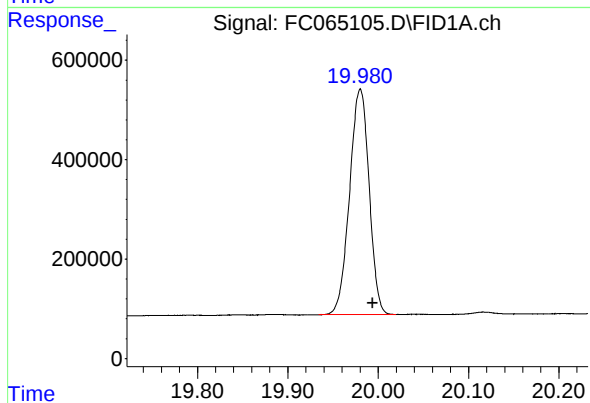
#18 n-Dotriacontane (C32)

R.T.: 18.464 min
Delta R.T.: -0.012 min
Response: 7327396
Conc: 46.41 ug/ml



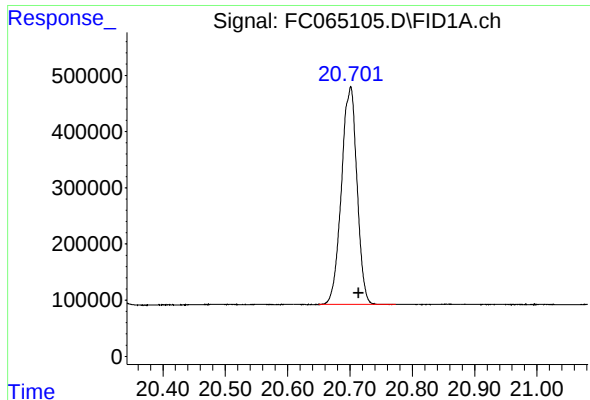
#19 n-Tetratriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.012 min
Response: 7195080
Conc: 47.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.980 min
Delta R.T.: -0.014 min
Response: 6808112
Conc: 45.12 ug/ml m



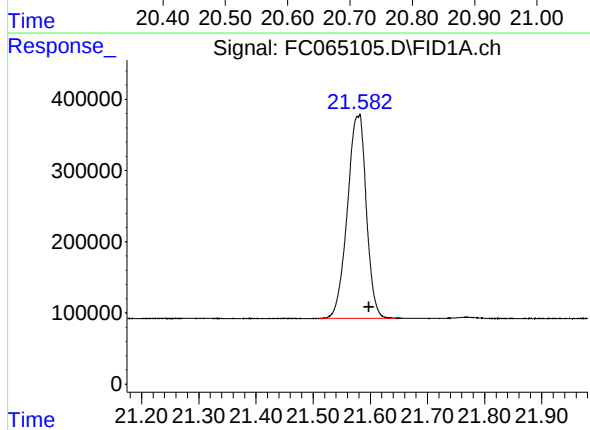
#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: -0.013 min
Response: 6721974
Conc: 45.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.582 min
Delta R.T.: -0.016 min
Response: 6583746
Conc: 44.76 ug/ml m