

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062024AL\
 Data File : FC066647.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2024 13:57
 Operator : YP/AJ
 Sample : PB161601BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161601BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2024
 Supervised By :Ankita Jodhani 06/21/2024

Integration File: autoint1.e
 Quant Time: Jun 21 02:04:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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			
9) S ortho-Terphenyl (SURR)	11.540	7623660	44.198 ug/ml
Spiked Amount 50.000		Recovery =	88.40%
12) S 1-chlorooctadecane (S...	12.978	6468602	46.881 ug/ml
Spiked Amount 50.000		Recovery =	93.76%
Target Compounds			
1) T n-Nonane (C9)	3.309	5697026	39.210 ug/ml
2) T n-Decane (C10)	4.370	6291094	42.176 ug/ml
3) T A~Naphthalene (C11.7)	5.949	7726081	47.585 ug/ml
4) T n-Dodecane (C12)	6.384	6802848	44.886 ug/ml
5) T A~2-methylnaphthalene...	7.006	8038682	50.600 ug/ml
6) T n-Tetradecane (C14)	8.182	7348200	48.443 ug/ml
7) T n-Hexadecane (C16)	9.782	7622556	47.585 ug/ml
8) T n-Octadecane (C18)	11.225	7723047	46.545 ug/ml
10) T n-Eicosane (C20)	12.535	7805553	48.015 ug/ml
11) T n-Heneicosane (C21)	13.147	7541317	46.805 ug/ml
13) T n-Docosane (C22)	13.732	7448884	46.462 ug/ml
14) T n-Tetracosane (C24)	14.835	6097075	38.417 ug/ml
15) T n-Hexacosane (C26)	15.858	6876889	45.037 ug/ml
16) T n-Octacosane (C28)	16.805	6539132	45.333 ug/ml
17) T n-Tricontane (C30)	17.694	6254790	44.769 ug/ml
18) T n-Dotriacontane (C32)	18.525	6040898	45.774 ug/ml
19) T n-Tetratriacontane (C34)	19.308	5892543	47.646 ug/ml
20) T n-Hexatriacontane (C36)	20.048	5559834	46.132 ug/ml
21) T n-Octatriacontane (C38)	20.779	5613589	49.092 ug/ml
22) T n-Tetracontane (C40)	21.680	5499362	48.966 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062024AL\
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Operator : YP/AJ
Sample : PB161601BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

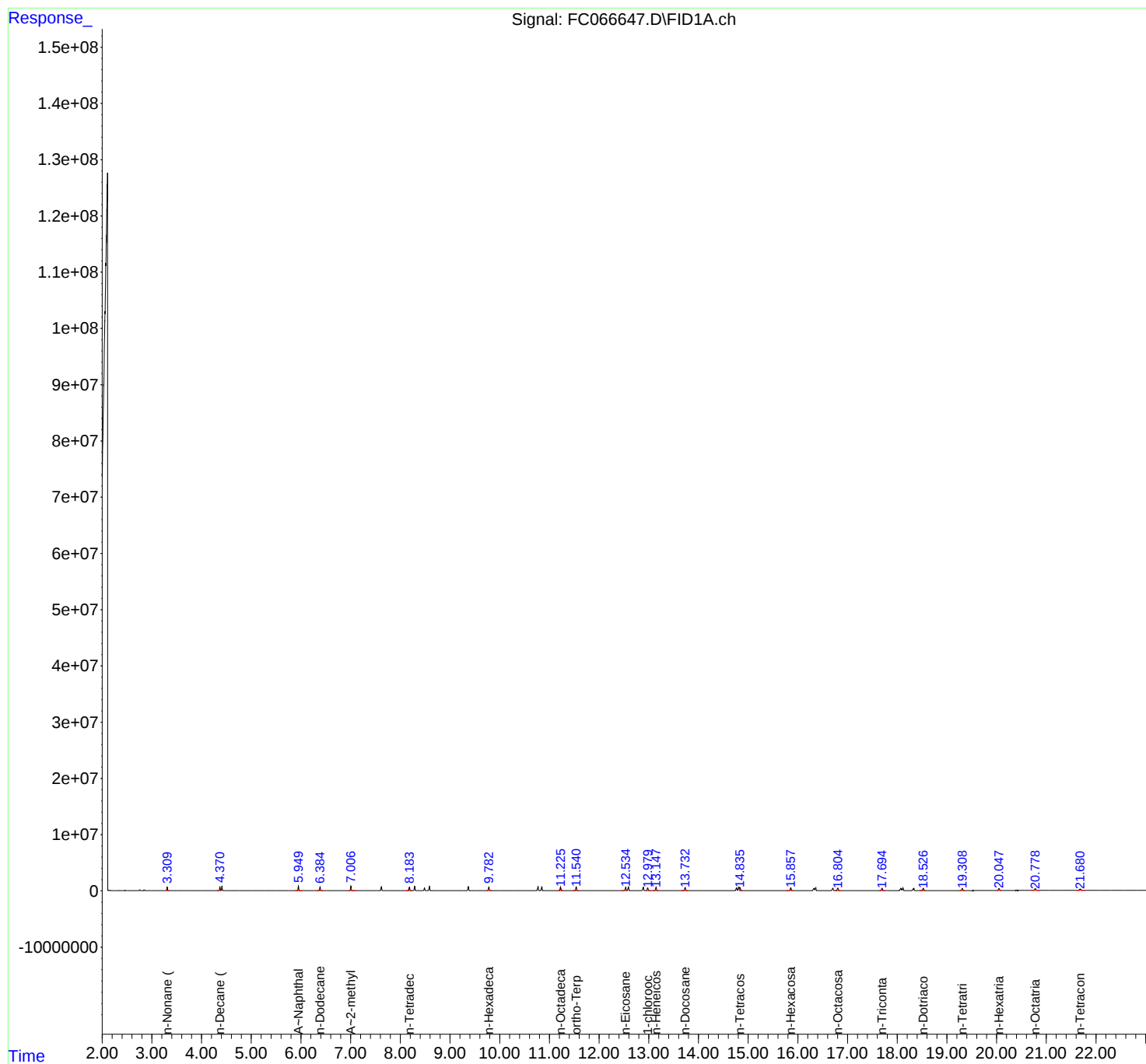
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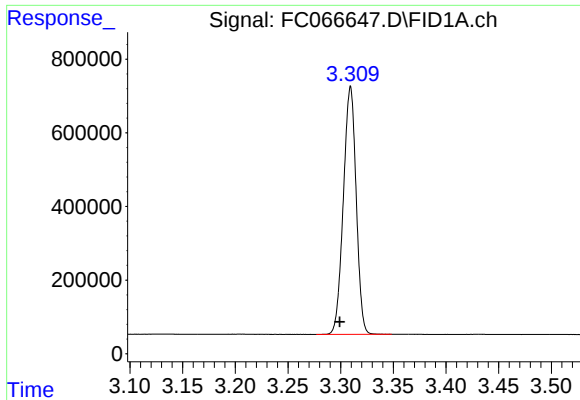
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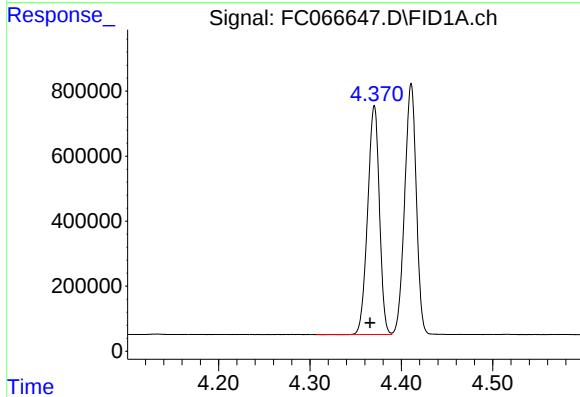
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: 0.010 min
Response: 5697026
Conc: 39.21 ug/ml

Instrument :
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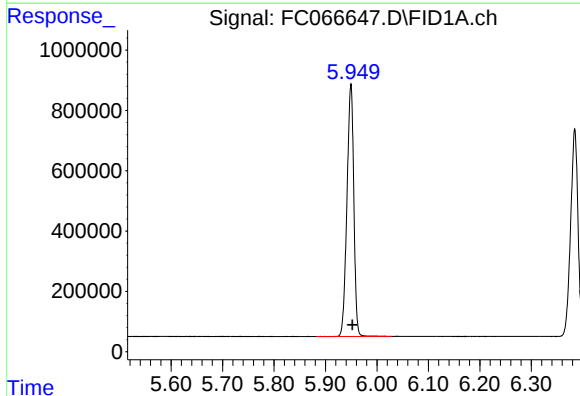
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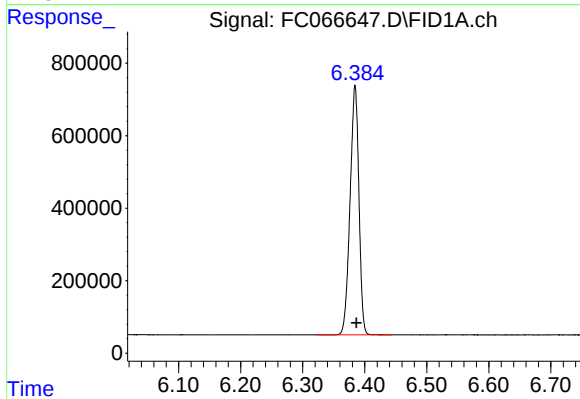
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: 0.004 min
Response: 6291094
Conc: 42.18 ug/ml



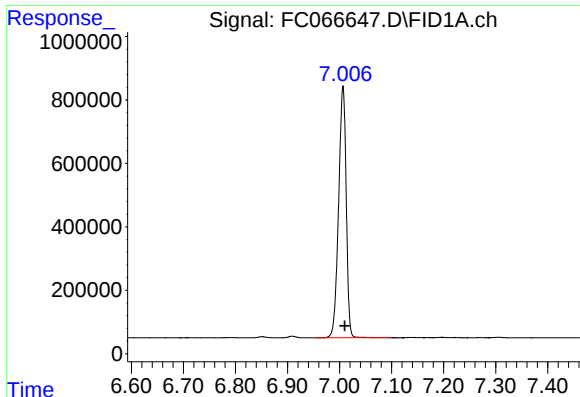
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 7726081
Conc: 47.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.002 min
Response: 6802848
Conc: 44.89 ug/ml



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

R.T.: 7.006 min
Delta R.T.: -0.004 min
Response: 8038682
Conc: 50.60 ug/ml

Instrument :

FID_C

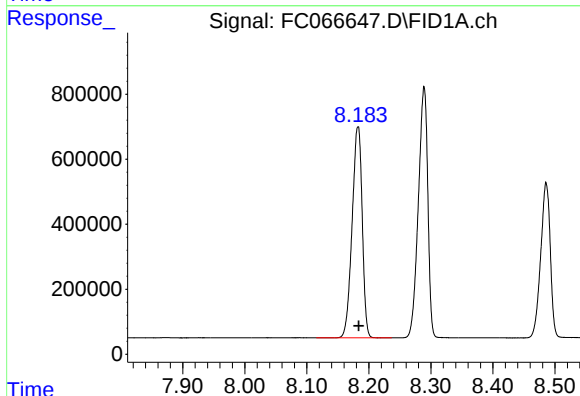
ClientSampleId :

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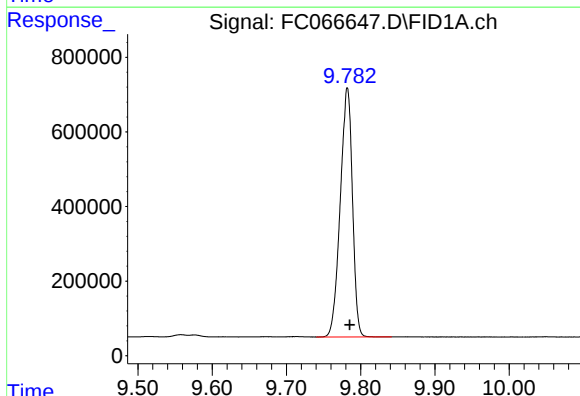
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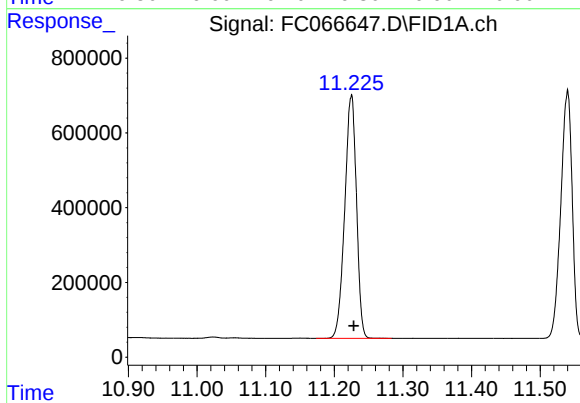
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.001 min
Response: 7348200
Conc: 48.44 ug/ml



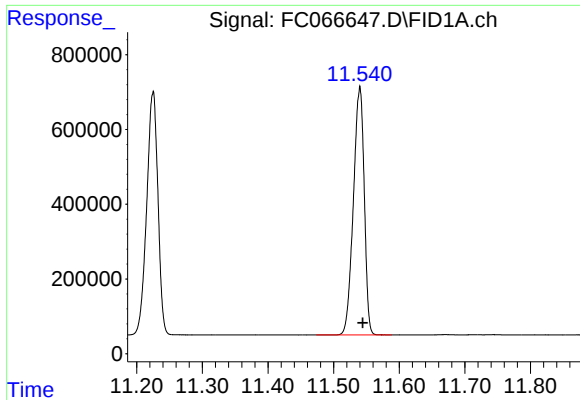
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.003 min
Response: 7622556
Conc: 47.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.225 min
Delta R.T.: -0.004 min
Response: 7723047
Conc: 46.55 ug/ml



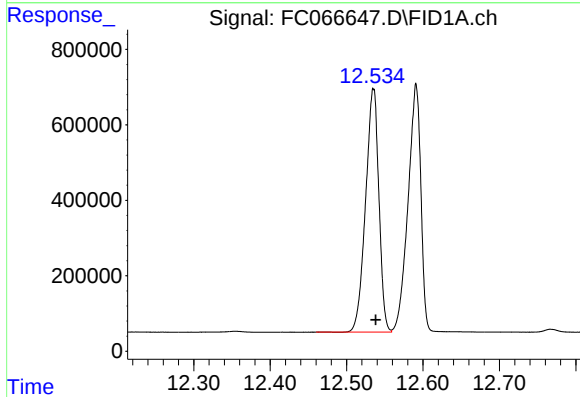
#9 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.005 min
Response: 7623660
Conc: 44.20 ug/ml

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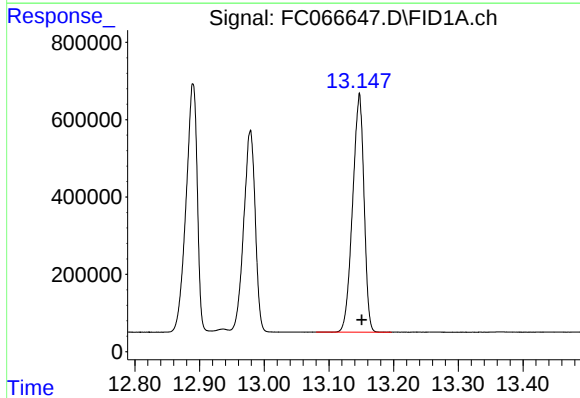
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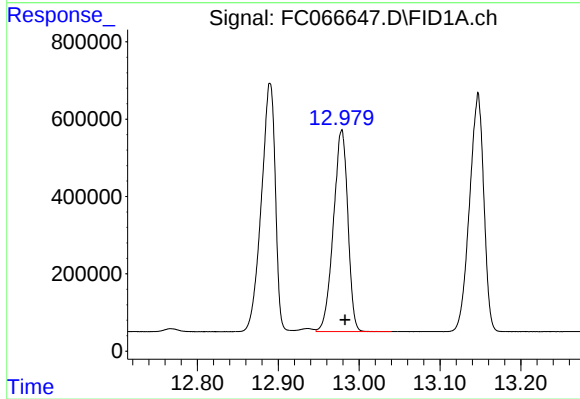
#10 n-Eicosane (C20)

R.T.: 12.535 min
Delta R.T.: -0.003 min
Response: 7805553
Conc: 48.01 ug/ml



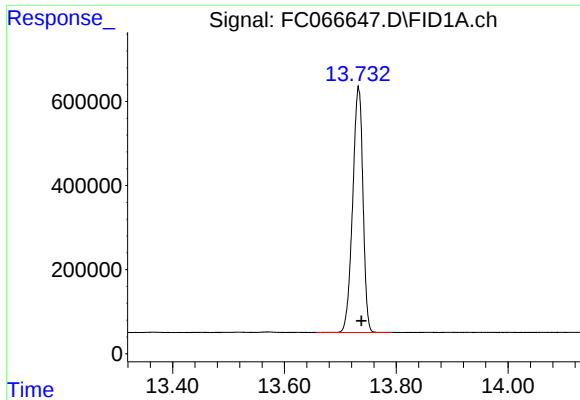
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.004 min
Response: 7541317
Conc: 46.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.978 min
Delta R.T.: -0.004 min
Response: 6468602
Conc: 46.88 ug/ml



#13 n-Docosane (C22)

R.T.: 13.732 min
Delta R.T.: -0.005 min
Response: 7448884
Conc: 46.46 ug/ml

Instrument :

FID_C

ClientSampleId :

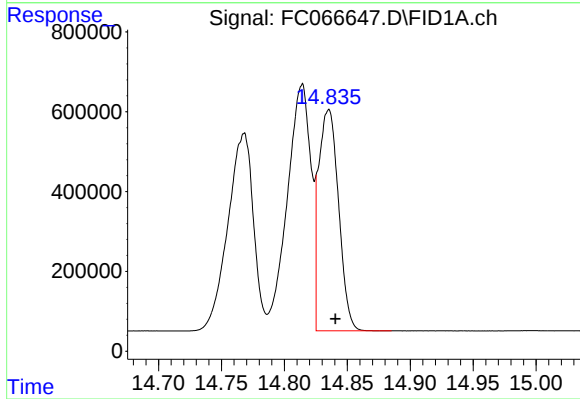
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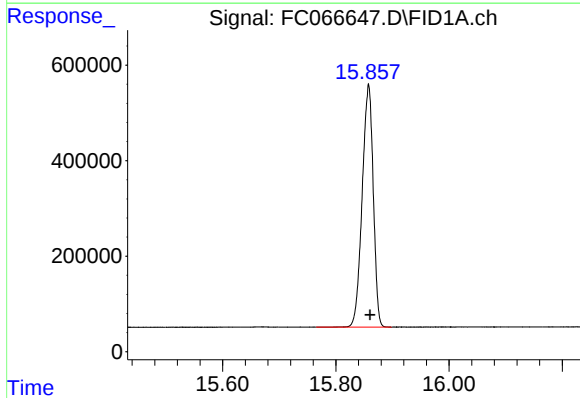
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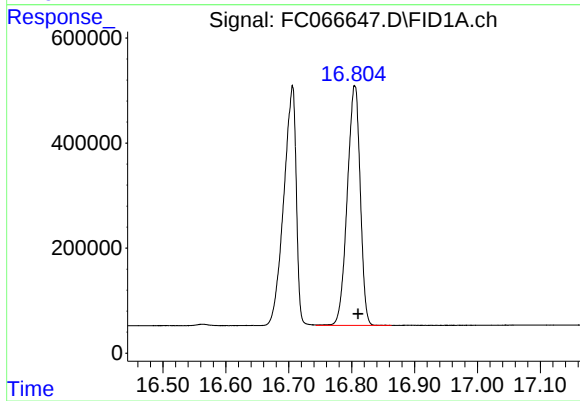
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.006 min
Response: 6097075
Conc: 38.42 ug/ml



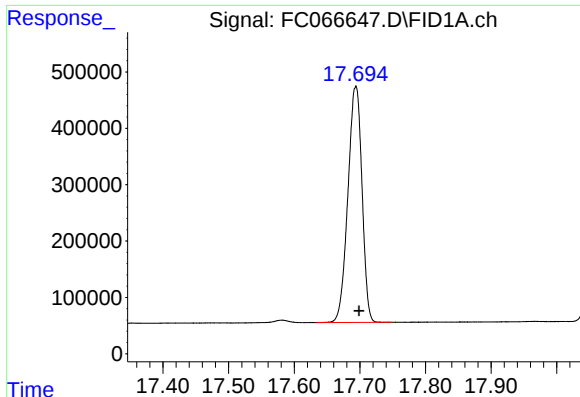
#15 n-Hexacosane (C26)

R.T.: 15.858 min
Delta R.T.: -0.003 min
Response: 6876889
Conc: 45.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.805 min
Delta R.T.: -0.006 min
Response: 6539132
Conc: 45.33 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.694 min
Delta R.T.: -0.005 min
Response: 6254790
Conc: 44.77 ug/ml

Instrument :

FID_C

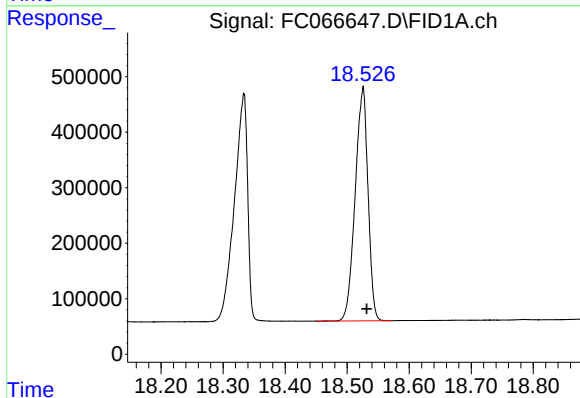
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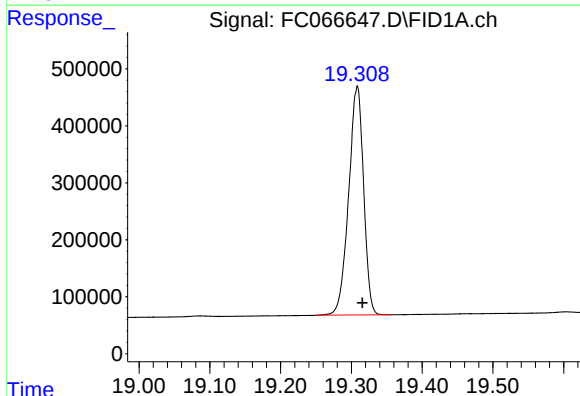
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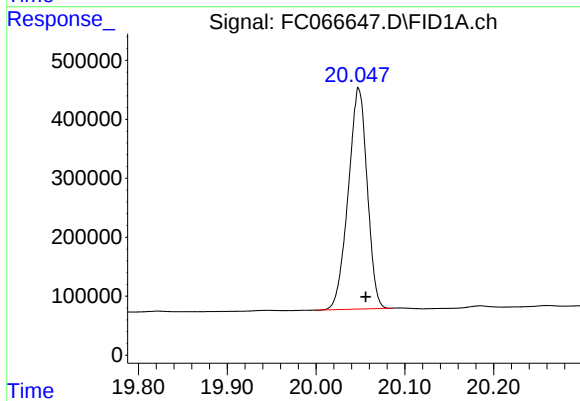
#18 n-Dotriacontane (C32)

R.T.: 18.525 min
Delta R.T.: -0.007 min
Response: 6040898
Conc: 45.77 ug/ml



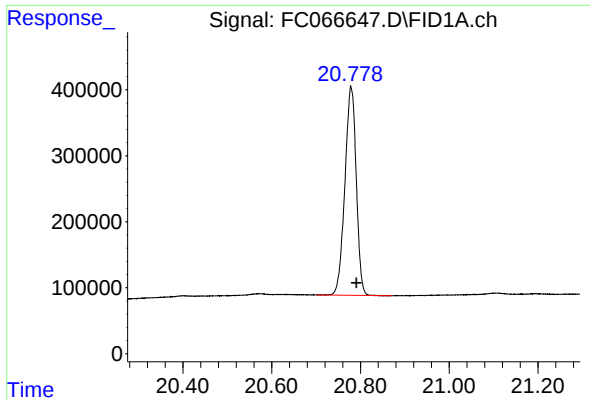
#19 n-Tetratriacontane (C34)

R.T.: 19.308 min
Delta R.T.: -0.008 min
Response: 5892543
Conc: 47.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.048 min
Delta R.T.: -0.008 min
Response: 5559834
Conc: 46.13 ug/ml



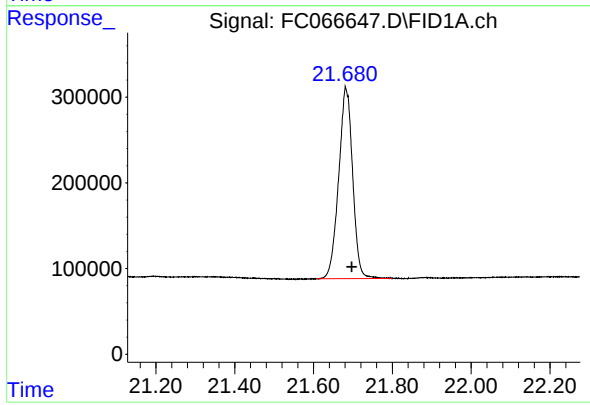
#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.012 min
Response: 5613589
Conc: 49.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.680 min
Delta R.T.: -0.017 min
Response: 5499362
Conc: 48.97 ug/ml m