

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112223AL\
 Data File : FE045497.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2023 14:37
 Operator : YP\AJ
 Sample : PB157372BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB157372BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/24/2023

Supervised By :Ankita Jodhani 11/27/2023

Integration File: autoint1.e

Quant Time: Nov 22 22:45:55 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M

Quant Title : GC Extractables

QLast Update : Sat Nov 04 05:16:05 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)	11.873	6933873	36.317 ug/ml
Spiked Amount 50.000		Recovery =	72.63%
12) S 1-chlorooctadecane (S...	13.316	5295755	38.448 ug/ml
Spiked Amount 50.000		Recovery =	76.90%
Target Compounds			
1) T n-Nonane (C9)	3.267	6414751	38.830 ug/ml
2) T n-Decane (C10)	4.515	7349370	43.830 ug/ml
3) T A~Naphthalene (C11.7)	6.211	8077413	45.252 ug/ml
4) T n-Dodecane (C12)	6.677	7837092	46.405 ug/ml
5) T A~2-methylnaphthalene...	7.306	7863177	45.791 ug/ml
6) T n-Tetradecane (C14)	8.506	7879628	47.278 ug/ml
7) T n-Hexadecane (C16)	10.115	7813216	46.451 ug/ml
8) T n-Octadecane (C18)	11.561	7752673	46.320 ug/ml
10) T n-Eicosane (C20)	12.873	7623035	48.123 ug/ml
11) T n-Heneicosane (C21)	13.486	7231328	47.031 ug/ml
13) T n-Docosane (C22)	14.073	7148969	47.183 ug/ml
14) T n-Tetracosane (C24)	15.158	14255850	96.251 ug/mlm
15) T n-Hexacosane (C26)	16.203	7038431	48.289 ug/ml
16) T n-Octacosane (C28)	17.154	7399118	50.634 ug/ml
17) T n-Tricontane (C30)	18.046	7661974	50.441 ug/ml
18) T n-Dotriacontane (C32)	18.879	8027747	51.387 ug/ml
19) T n-Tetratriacontane (C34)	19.665	7844569	50.241 ug/ml
20) T n-Hexatriacontane (C36)	20.407	7537577	46.437 ug/ml
21) T n-Octatriacontane (C38)	21.140	7547253	45.426 ug/ml
22) T n-Tetracontane (C40)	22.051	7076784	41.431 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 14 Sample Multiplier: 1

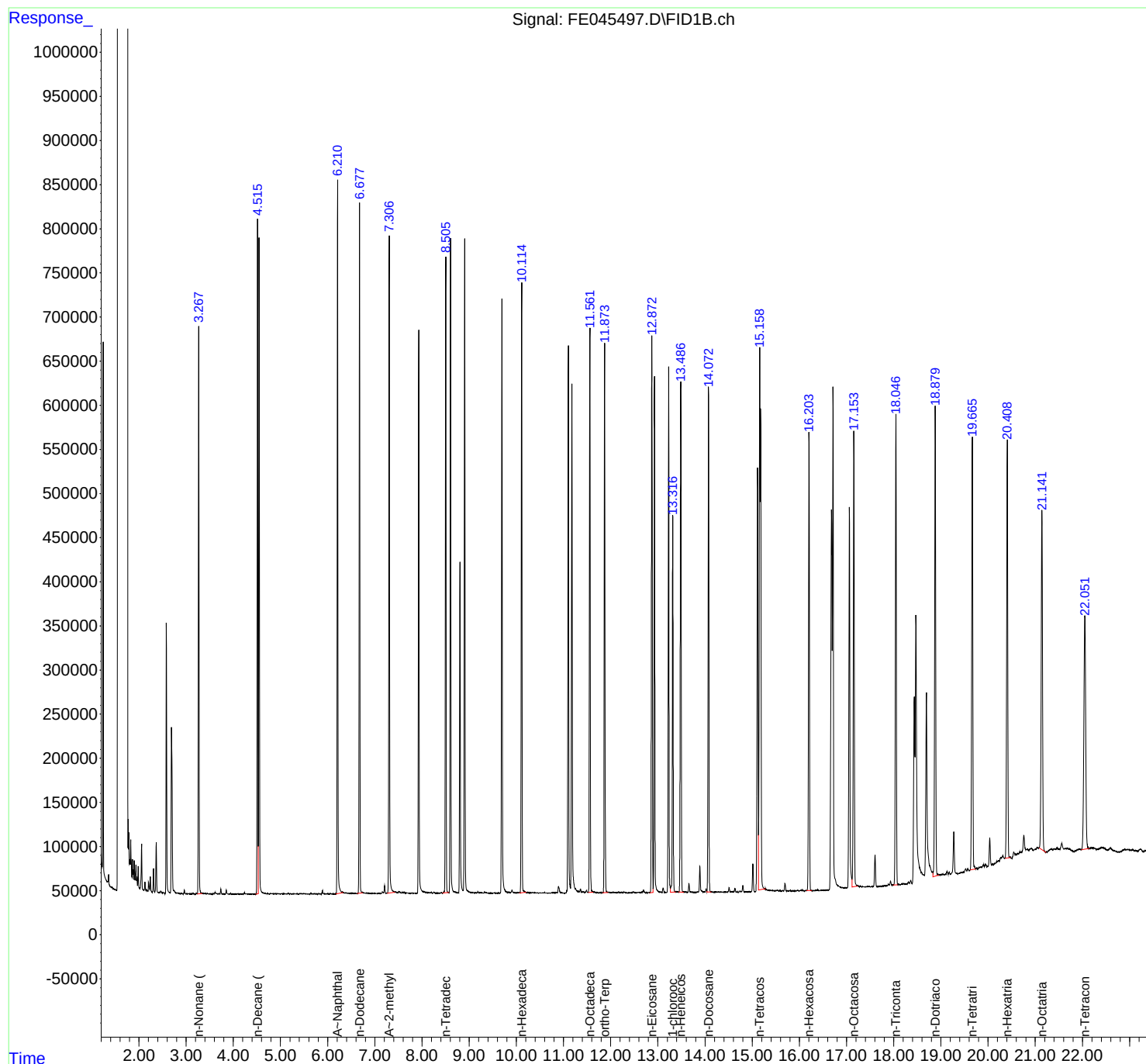
Instrument :
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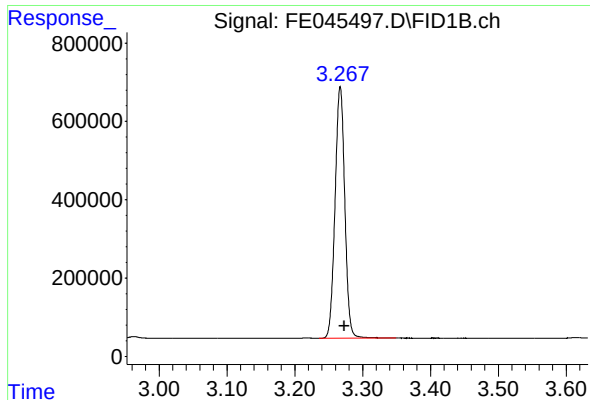
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: -0.006 min
Response: 6414751
Conc: 38.83 ug/ml

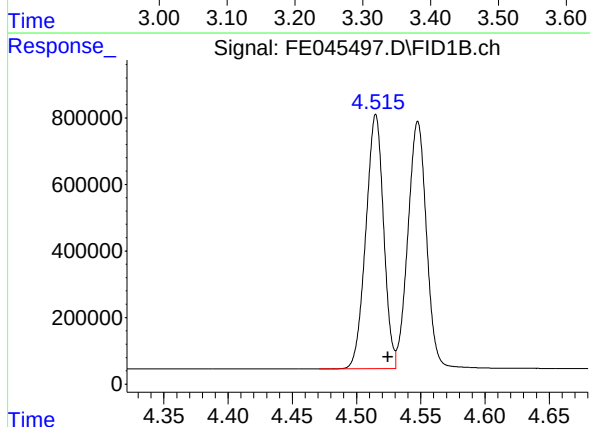
Instrument :

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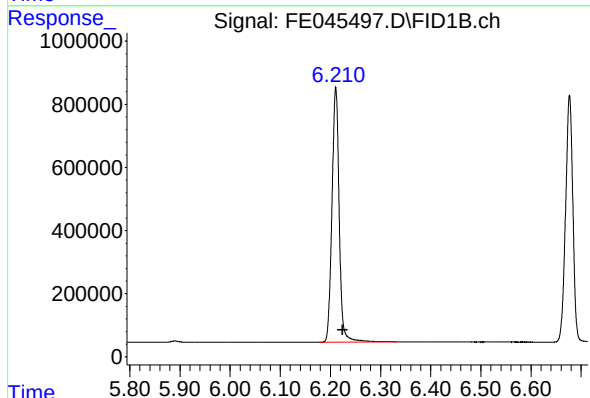
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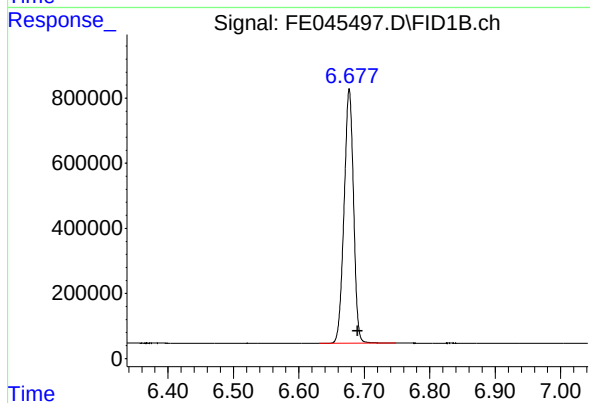
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.009 min
Response: 7349370
Conc: 43.83 ug/ml



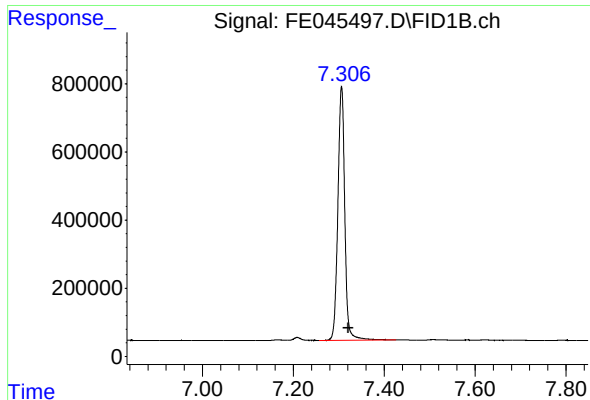
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.014 min
Response: 8077413
Conc: 45.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.677 min
Delta R.T.: -0.013 min
Response: 7837092
Conc: 46.40 ug/ml



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

R.T.: 7.306 min
Delta R.T.: -0.014 min
Response: 7863177
Conc: 45.79 ug/ml

Instrument :

FID_E

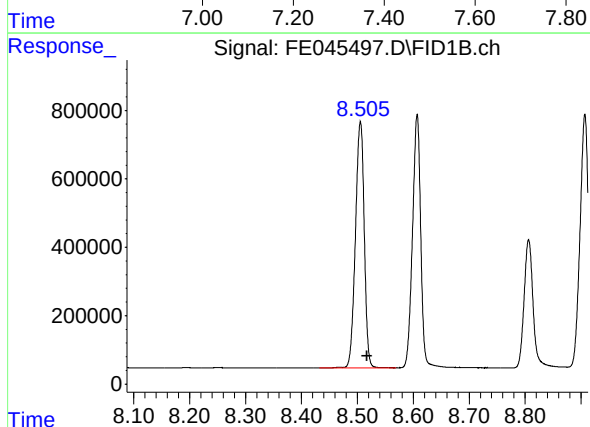
ClientSampleId :

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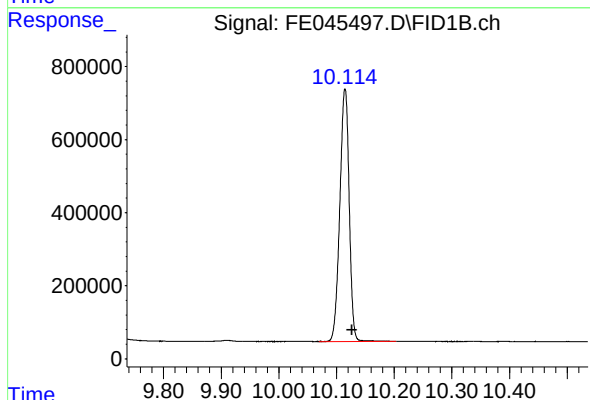
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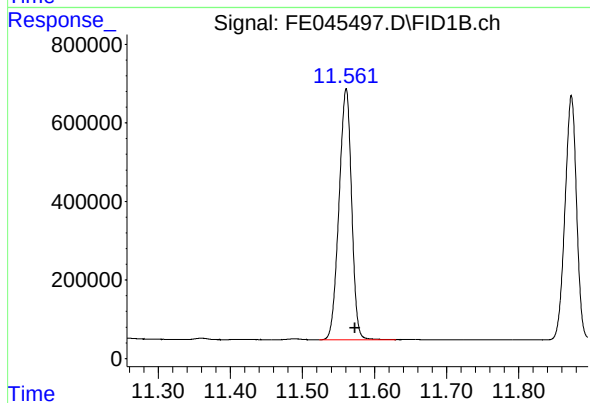
#6 n-Tetradecane (C14)

R.T.: 8.506 min
Delta R.T.: -0.012 min
Response: 7879628
Conc: 47.28 ug/ml



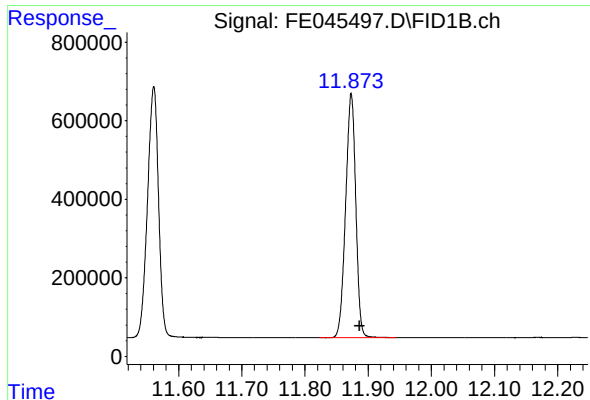
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.012 min
Response: 7813216
Conc: 46.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.561 min
Delta R.T.: -0.012 min
Response: 7752673
Conc: 46.32 ug/ml



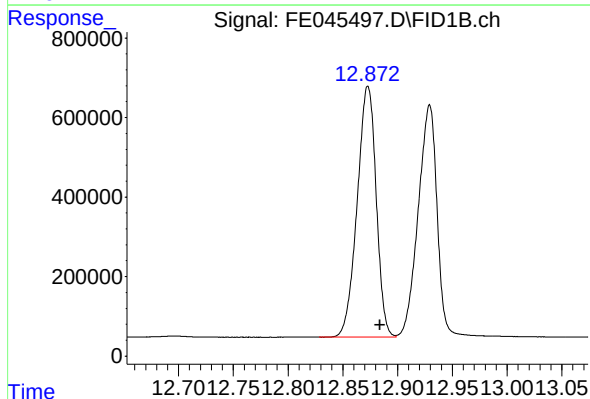
#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: -0.013 min
Response: 6933873
Conc: 36.32 ug/ml

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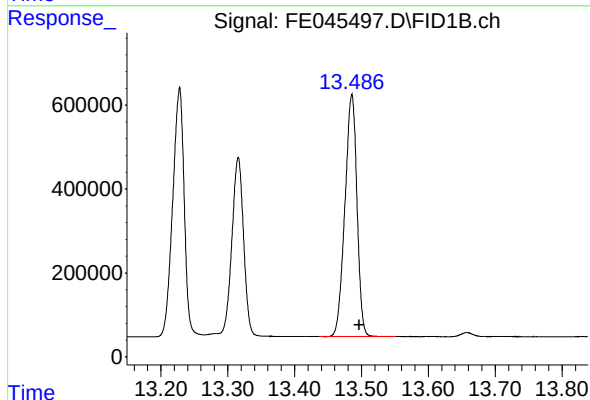
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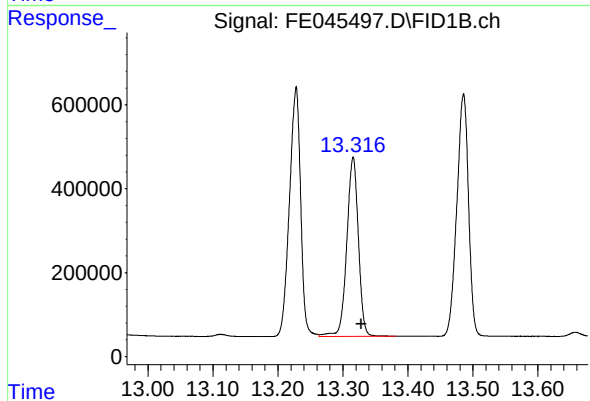
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: -0.011 min
Response: 7623035
Conc: 48.12 ug/ml



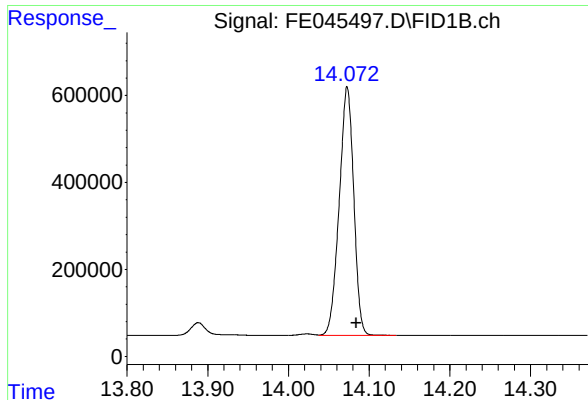
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.011 min
Response: 7231328
Conc: 47.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.316 min
Delta R.T.: -0.012 min
Response: 5295755
Conc: 38.45 ug/ml



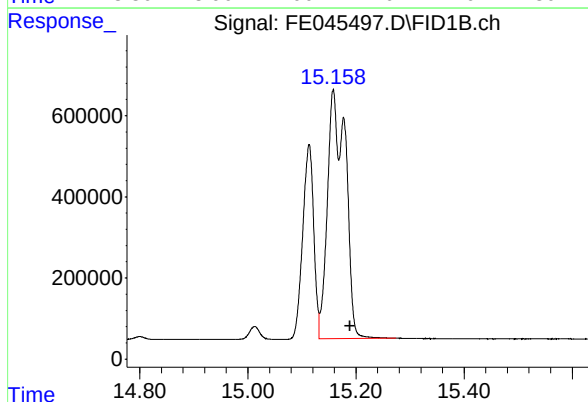
#13 n-Docosane (C22)

R.T.: 14.073 min
Delta R.T.: -0.011 min
Response: 7148969
Conc: 47.18 ug/ml

Instrument :
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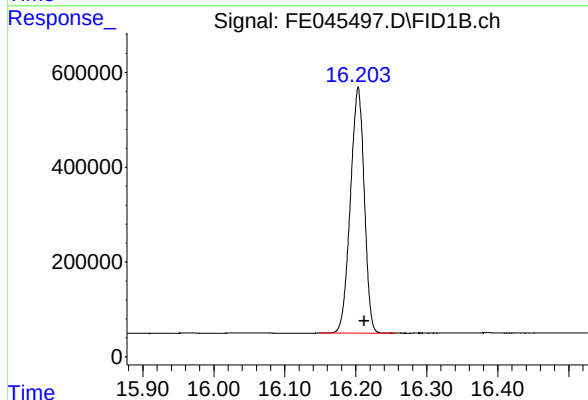
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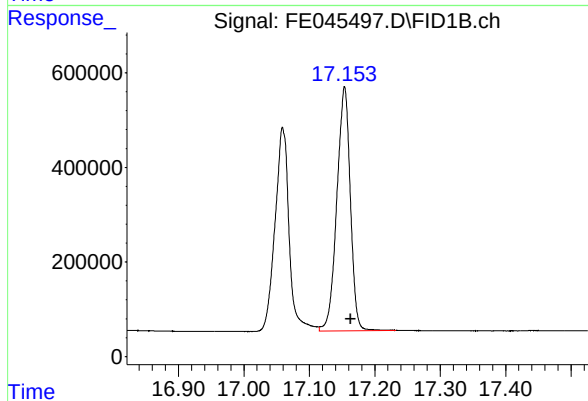
#14 n-Tetracosane (C24)

R.T.: 15.158 min
Delta R.T.: -0.031 min
Response: 14255850
Conc: 96.25 ug/ml m



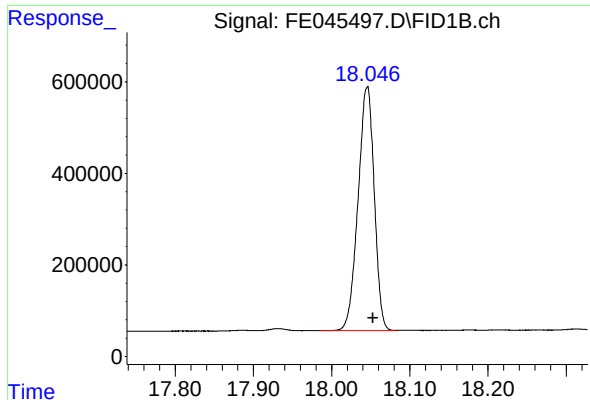
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.008 min
Response: 7038431
Conc: 48.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.154 min
Delta R.T.: -0.010 min
Response: 7399118
Conc: 50.63 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.046 min
Delta R.T.: -0.007 min
Response: 7661974
Conc: 50.44 ug/ml

Instrument :

FID_E

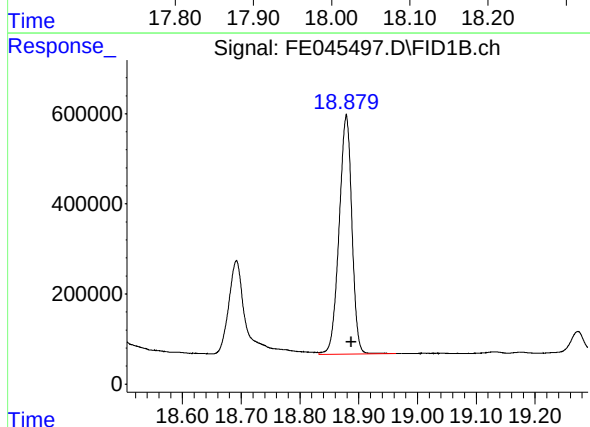
ClientSampleId :

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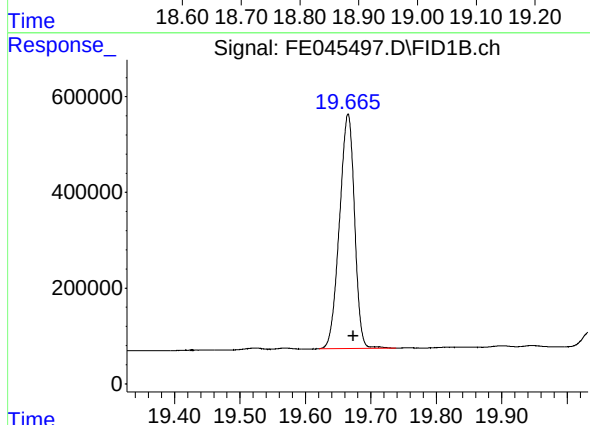
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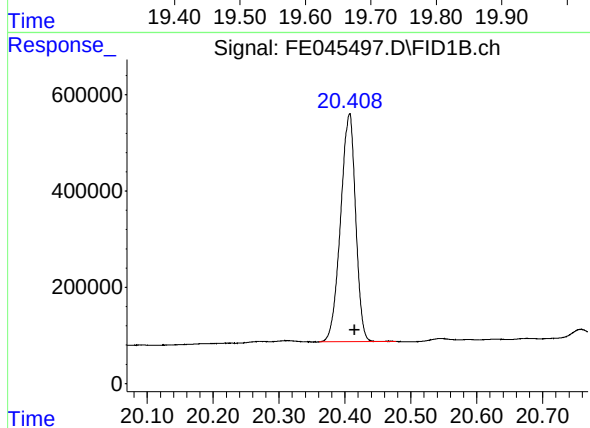
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.009 min
Response: 8027747
Conc: 51.39 ug/ml



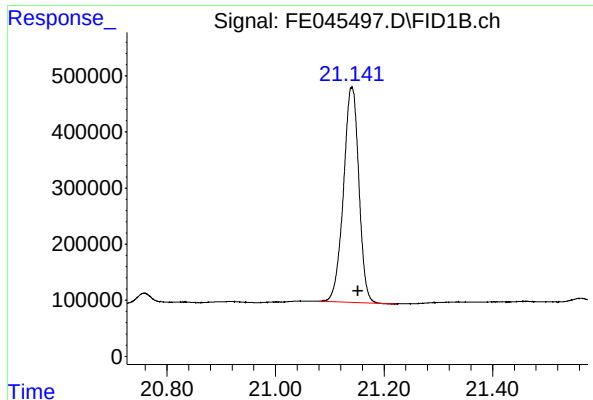
#19 n-Tetratriacontane (C34)

R.T.: 19.665 min
Delta R.T.: -0.008 min
Response: 7844569
Conc: 50.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.407 min
Delta R.T.: -0.008 min
Response: 7537577
Conc: 46.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: -0.012 min
Response: 7547253
Conc: 45.43 ug/ml

Instrument :

FID_E

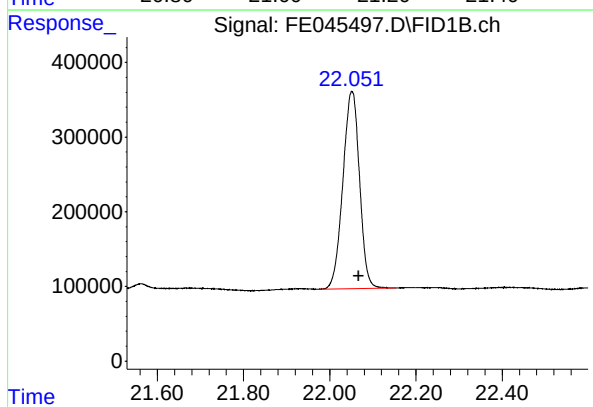
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#22 n-Tetracontane (C40)

R.T.: 22.051 min
Delta R.T.: -0.016 min
Response: 7076784
Conc: 41.43 ug/ml