

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051523AL\
 Data File : FE041921.D
 Signal(s) : FID1B.ch
 Acq On : 15 May 2023 17:14
 Operator : YP\AJ
 Sample : 02770-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

CHRT-25990MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/16/2023

Supervised By :Ankita Jodhani 05/16/2023

Integration File: autoint1.e

Quant Time: May 16 01:12:21 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M

Quant Title : GC Extractables

QLast Update : Fri Apr 21 07:33:51 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)	12.014	13410970	71.484 ug/mlm
Spiked Amount 50.000		Recovery =	142.97%
12) S 1-chlorooctadecane (S...	13.395	12614843	89.296 ug/mlm
Spiked Amount 50.000		Recovery =	178.59%
Target Compounds			
1) T n-Nonane (C9)	3.345	2913862	19.823 ug/ml
2) T n-Decane (C10)	4.602	3671905	24.483 ug/ml
3) T A~Naphthalene (C11.7)	6.310	4884398	29.515 ug/ml
4) T n-Dodecane (C12)	6.772	4816105	31.676 ug/ml
5) T A~2-methylnaphthalene...	7.408	5592802	34.685 ug/ml
6) T n-Tetradecane (C14)	8.607	5931336	39.047 ug/mlm
7) T n-Hexadecane (C16)	10.232	6875024	43.081 ug/mlm
8) T n-Octadecane (C18)	11.702	7526857	45.920 ug/mlm
10) T n-Eicosane (C20)	13.011	6012607	37.381 ug/mlm
11) T n-Heneicosane (C21)	13.615	4544236	28.514 ug/mlm
13) T n-Docosane (C22)	14.185	7006386	43.974 ug/mlm
14) T n-Tetracosane (C24)	15.275	14449073	89.623 ug/mlm
15) T n-Hexacosane (C26)	16.294	5948715	37.627 ug/ml
16) T n-Octacosane (C28)	17.242	6557218	42.615 ug/ml
17) T n-Tricontane (C30)	18.133	5730147	37.623 ug/ml
18) T n-Dotriacontane (C32)	18.962	5332870	35.796 ug/ml
19) T n-Tetratriacontane (C34)	19.748	5190963	36.848 ug/ml
20) T n-Hexatriacontane (C36)	20.486	5278238	39.470 ug/mlm
21) T n-Octatriacontane (C38)	21.242	4991295	37.774 ug/ml
22) T n-Tetracontane (C40)	22.185	5339206	42.170 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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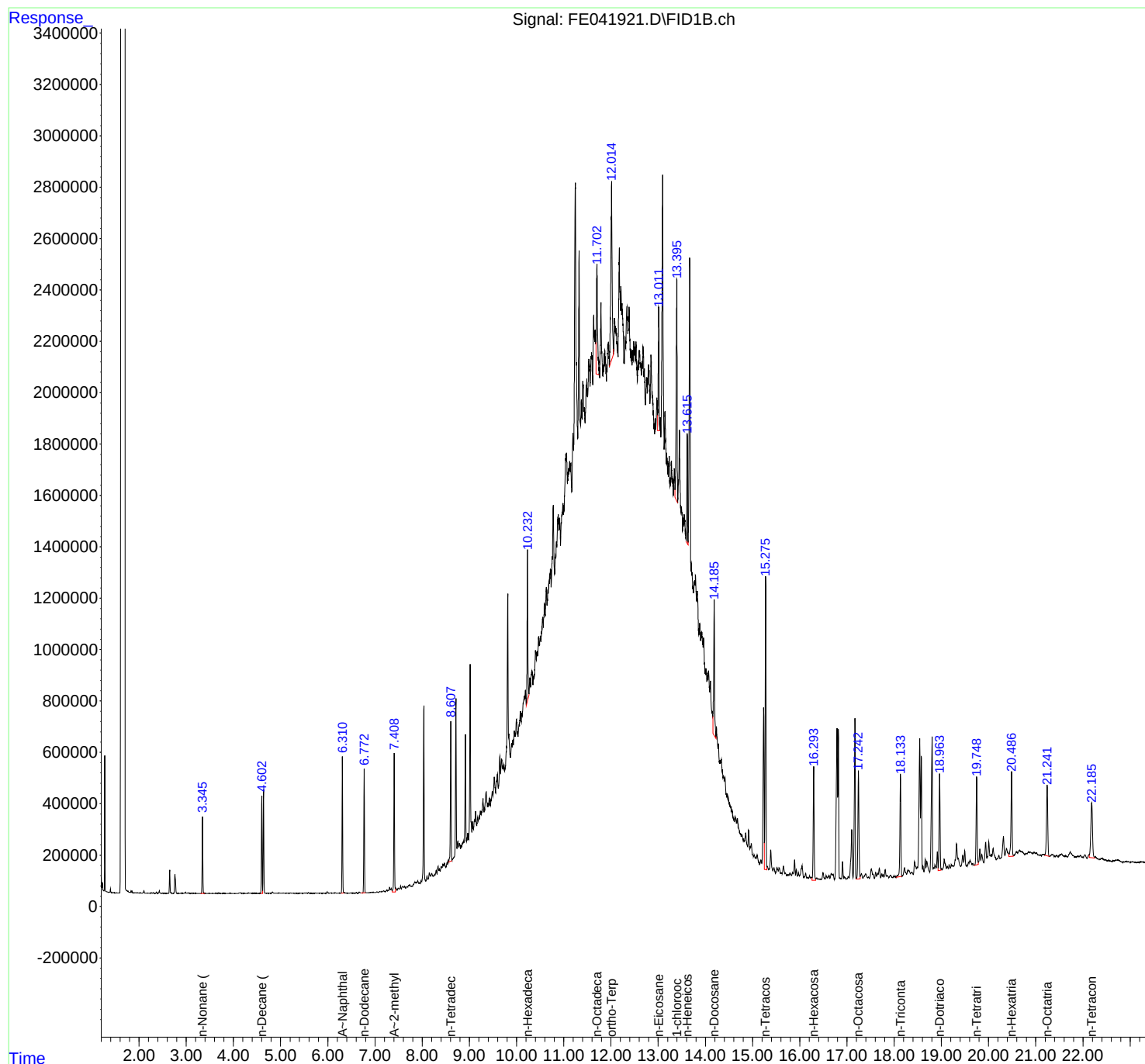
Instrument :
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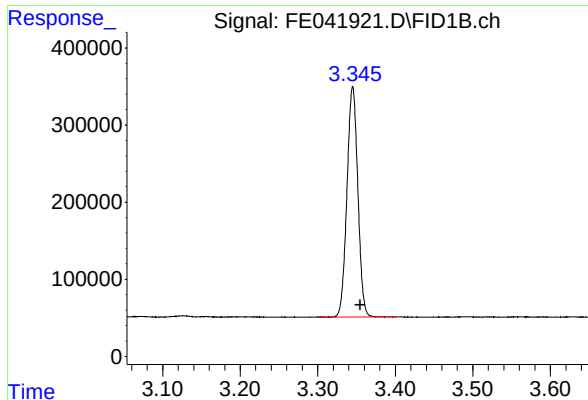
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Integration File: autoint1.e
Quant Time: May 16 01:12:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.
Quant Title : GC Extractables
QLast Update : Fri Apr 21 07:33:51 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: -0.010 min
Response: 2913862
Conc: 19.82 ug/ml

Instrument :

FID_E

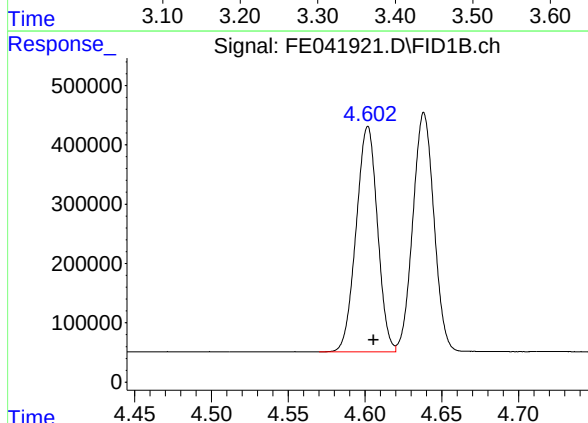
ClientSampleId :

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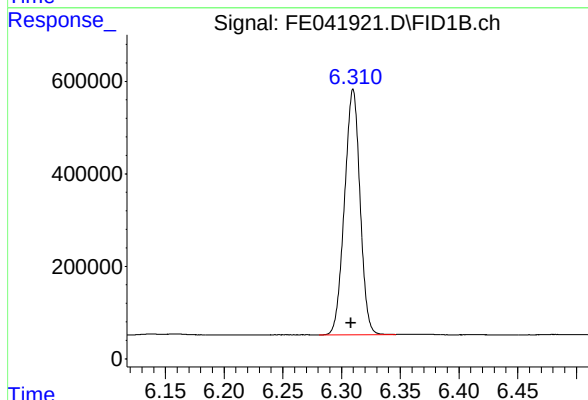
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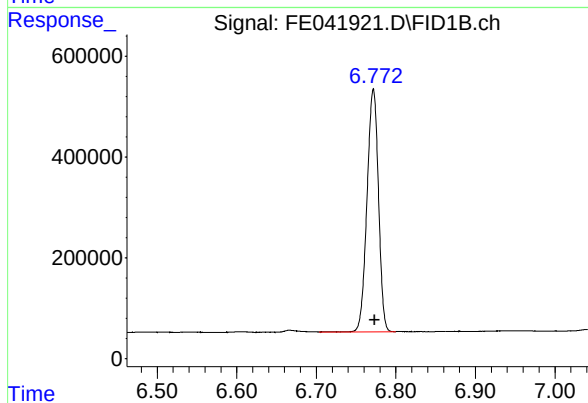
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.004 min
Response: 3671905
Conc: 24.48 ug/ml



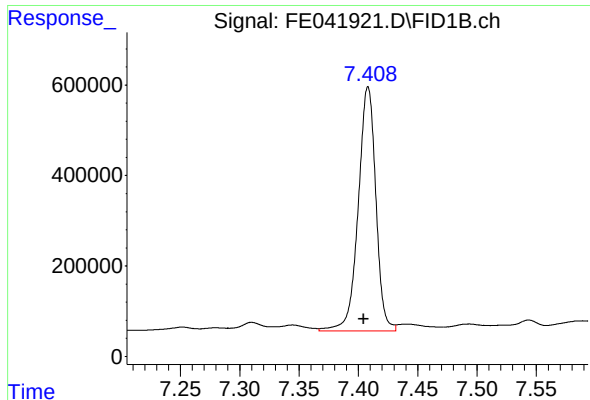
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.002 min
Response: 4884398
Conc: 29.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 4816105
Conc: 31.68 ug/ml



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

R.T.: 7.408 min
Delta R.T.: 0.004 min
Response: 5592802
Conc: 34.68 ug/ml

Instrument :

FID_E

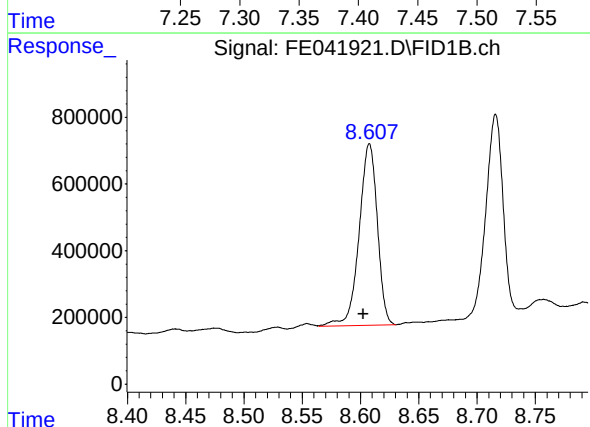
ClientSampleId :

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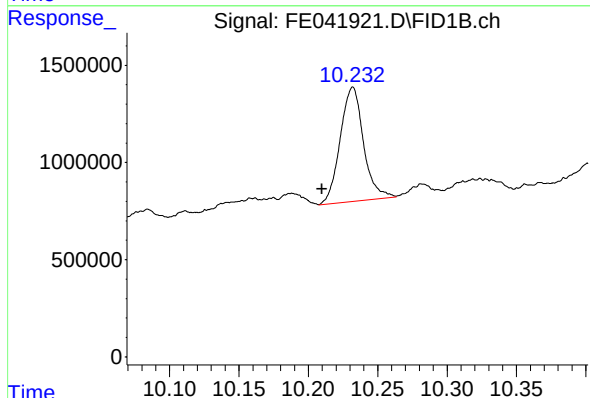
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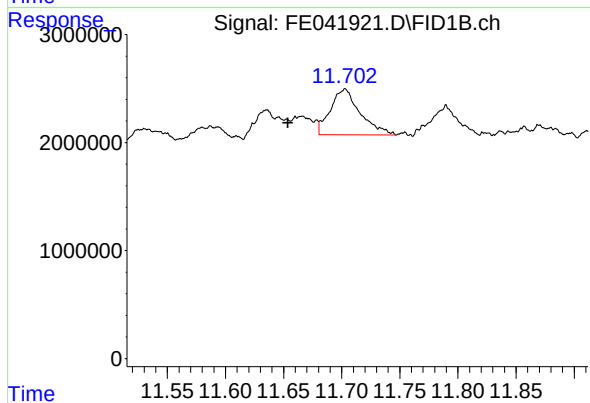
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: 0.005 min
Response: 5931336
Conc: 39.05 ug/ml m



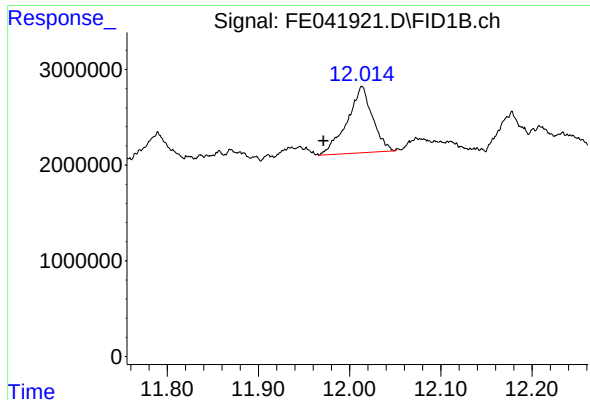
#7 n-Hexadecane (C16)

R.T.: 10.232 min
Delta R.T.: 0.022 min
Response: 6875024
Conc: 43.08 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.702 min
Delta R.T.: 0.049 min
Response: 7526857
Conc: 45.92 ug/ml m



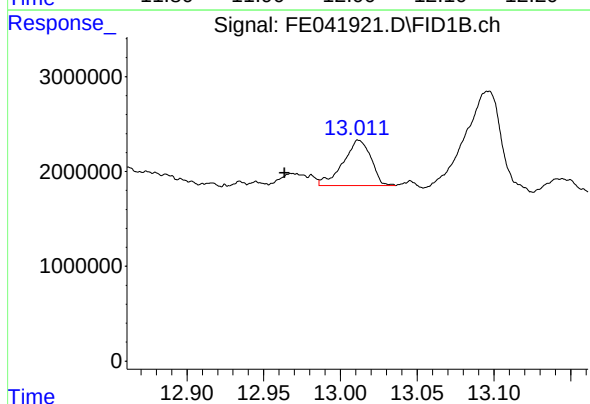
#9 ortho-Terphenyl (SURR)

R.T.: 12.014 min
Delta R.T.: 0.042 min
Response: 13410970
Conc: 71.48 ug/ml

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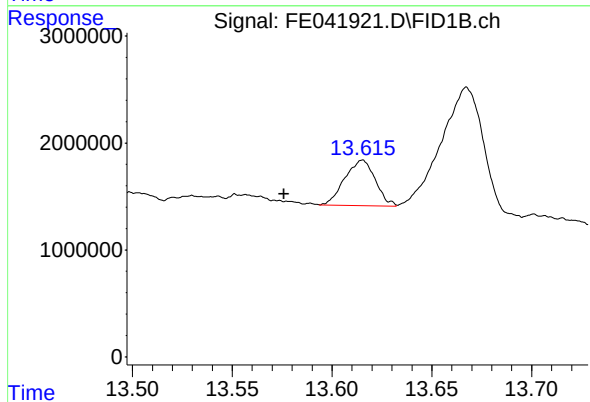
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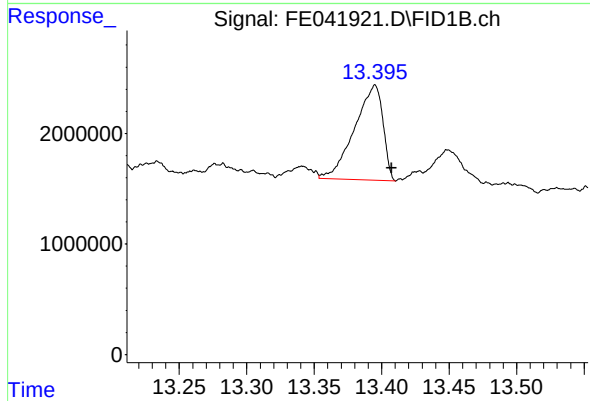
#10 n-Eicosane (C20)

R.T.: 13.011 min
Delta R.T.: 0.047 min
Response: 6012607
Conc: 37.38 ug/ml m



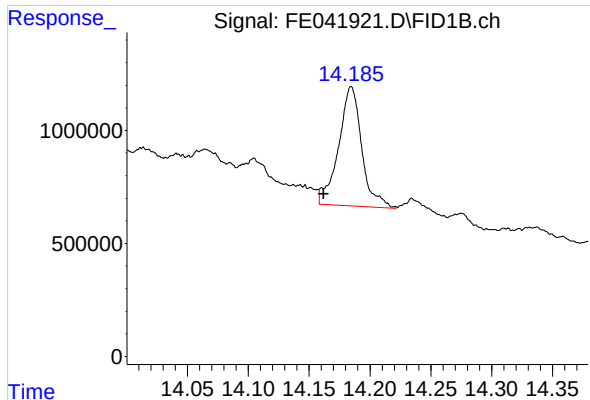
#11 n-Heneicosane (C21)

R.T.: 13.615 min
Delta R.T.: 0.040 min
Response: 4544236
Conc: 28.51 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.013 min
Response: 12614843
Conc: 89.30 ug/ml m



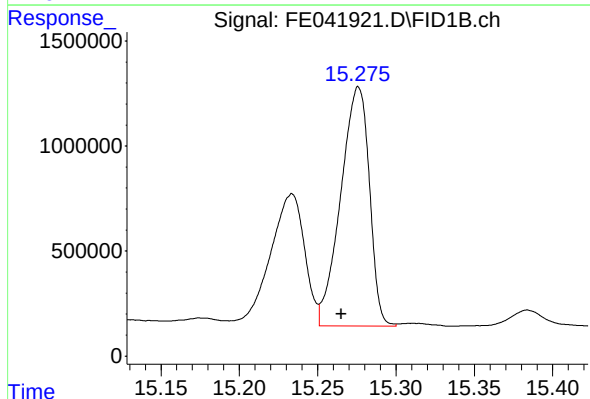
#13 n-Docosane (C22)

R.T.: 14.185 min
Delta R.T.: 0.023 min
Response: 7006386
Conc: 43.97 ug/ml

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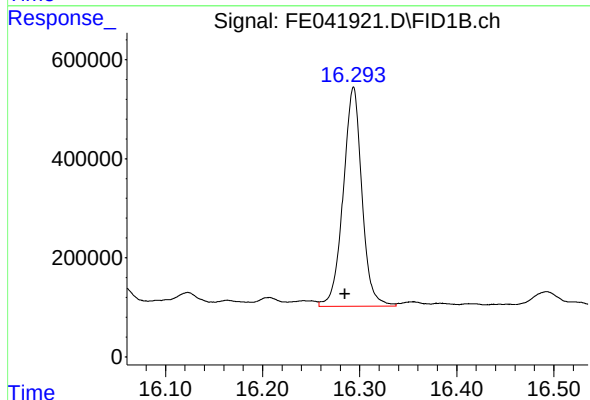
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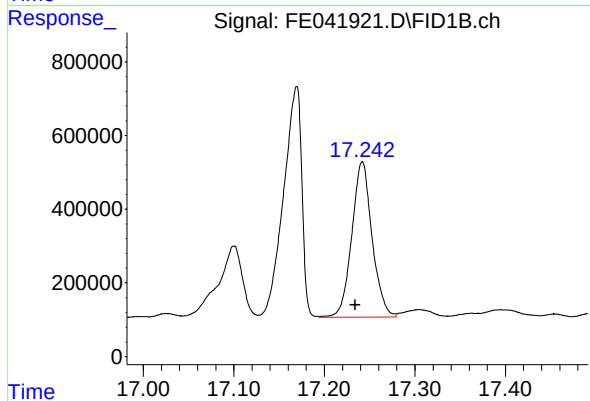
#14 n-Tetracosane (C24)

R.T.: 15.275 min
Delta R.T.: 0.010 min
Response: 14449073
Conc: 89.62 ug/ml m



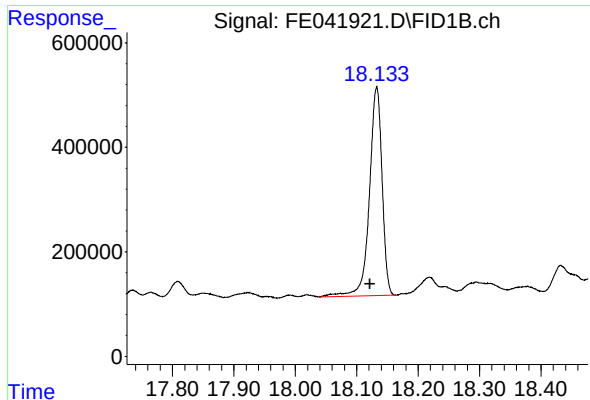
#15 n-Hexacosane (C26)

R.T.: 16.294 min
Delta R.T.: 0.009 min
Response: 5948715
Conc: 37.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.242 min
Delta R.T.: 0.008 min
Response: 6557218
Conc: 42.61 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.133 min
Delta R.T.: 0.011 min
Response: 5730147
Conc: 37.62 ug/ml

Instrument :

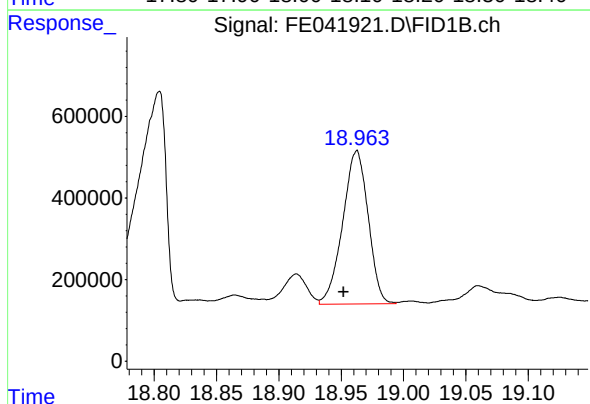
FID_E

ClientSampleId :

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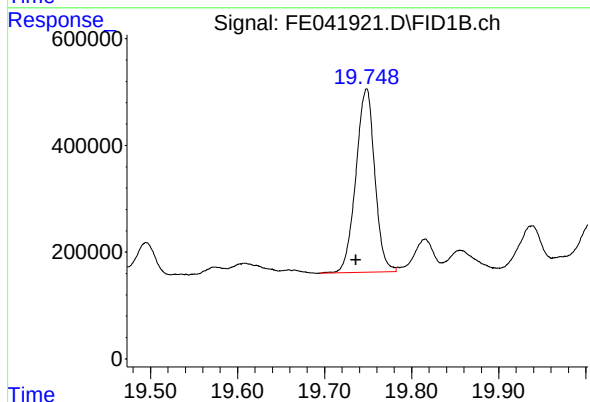
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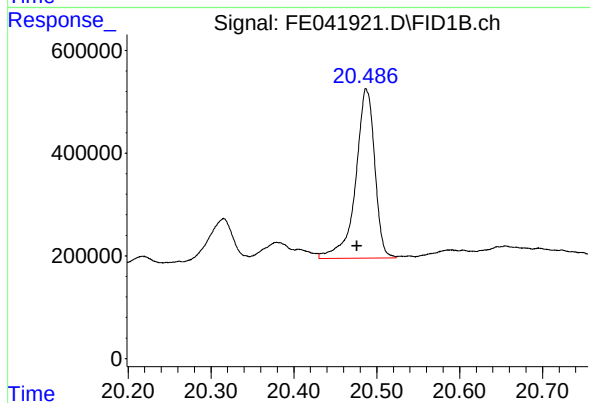
#18 n-Dotriacontane (C32)

R.T.: 18.962 min
Delta R.T.: 0.010 min
Response: 5332870
Conc: 35.80 ug/ml



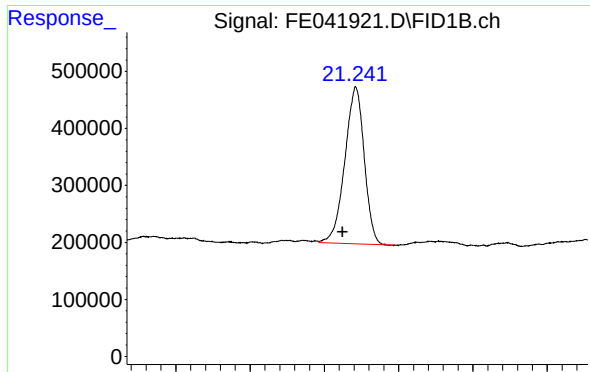
#19 n-Tetratriacontane (C34)

R.T.: 19.748 min
Delta R.T.: 0.012 min
Response: 5190963
Conc: 36.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.486 min
Delta R.T.: 0.010 min
Response: 5278238
Conc: 39.47 ug/ml m



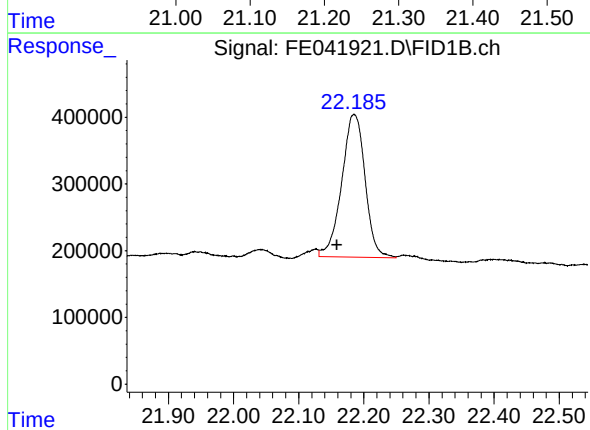
#21 n-Octatriacontane (C38)

R.T.: 21.242 min
Delta R.T.: 0.018 min
Response: 4991295
Conc: 37.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.185 min
Delta R.T.: 0.026 min
Response: 5339206
Conc: 42.17 ug/ml m