

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071423AL\
 Data File : FE043207.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jul 2023 17:44
 Operator : YP\AJ
 Sample : 03581-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :Ankita Jodhani 07/14/2023

Integration File: autoint1.e

Quant Time: Jul 14 01:51:47 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M

Quant Title : GC Extractables

QLast Update : Thu Jul 13 03:02:53 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)	11.904	4472449	24.976 ug/mlm
Spiked Amount 50.000		Recovery =	49.95%
12) S 1-chlorooctadecane (S...	13.342	3620024	27.551 ug/mlm
Spiked Amount 50.000		Recovery =	55.10%
Target Compounds			
1) T n-Nonane (C9)	3.280	2859604	18.729 ug/ml
2) T n-Decane (C10)	4.532	3351300	21.497 ug/ml
3) T A~Naphthalene (C11.7)	6.242	4004780	24.888 ug/ml
4) T n-Dodecane (C12)	6.702	4001993	25.397 ug/ml
5) T A~2-methylnaphthalene...	7.339	4130581	27.221 ug/ml
6) T n-Tetradecane (C14)	8.533	4591949	29.032 ug/ml
7) T n-Hexadecane (C16)	10.142	5021846	31.031 ug/ml
8) T n-Octadecane (C18)	11.587	5325266	32.667 ug/mlm
10) T n-Eicosane (C20)	12.896	5167651	33.261 ug/mlm
11) T n-Heneicosane (C21)	13.507	4679365	30.886 ug/mlm
13) T n-Docosane (C22)	14.094	4686055	31.355 ug/ml
14) T n-Tetracosane (C24)	15.189	8524836	58.047 ug/ml
15) T n-Hexacosane (C26)	16.217	4436825	31.151 ug/ml
16) T n-Octacosane (C28)	17.167	4527116	32.175 ug/ml
17) T n-Tricontane (C30)	18.056	4430073	30.072 ug/ml
18) T n-Dotriacontane (C32)	18.887	4479295	30.229 ug/ml
19) T n-Tetratriacontane (C34)	19.672	4291122	29.733 ug/ml
20) T n-Hexatriacontane (C36)	20.411	4349471	29.593 ug/ml
21) T n-Octatriacontane (C38)	21.152	4003616	28.066 ug/ml
22) T n-Tetracontane (C40)	22.066	4643857	31.466 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

Qlast Update : Thu Jul 13 03:02:53 2023

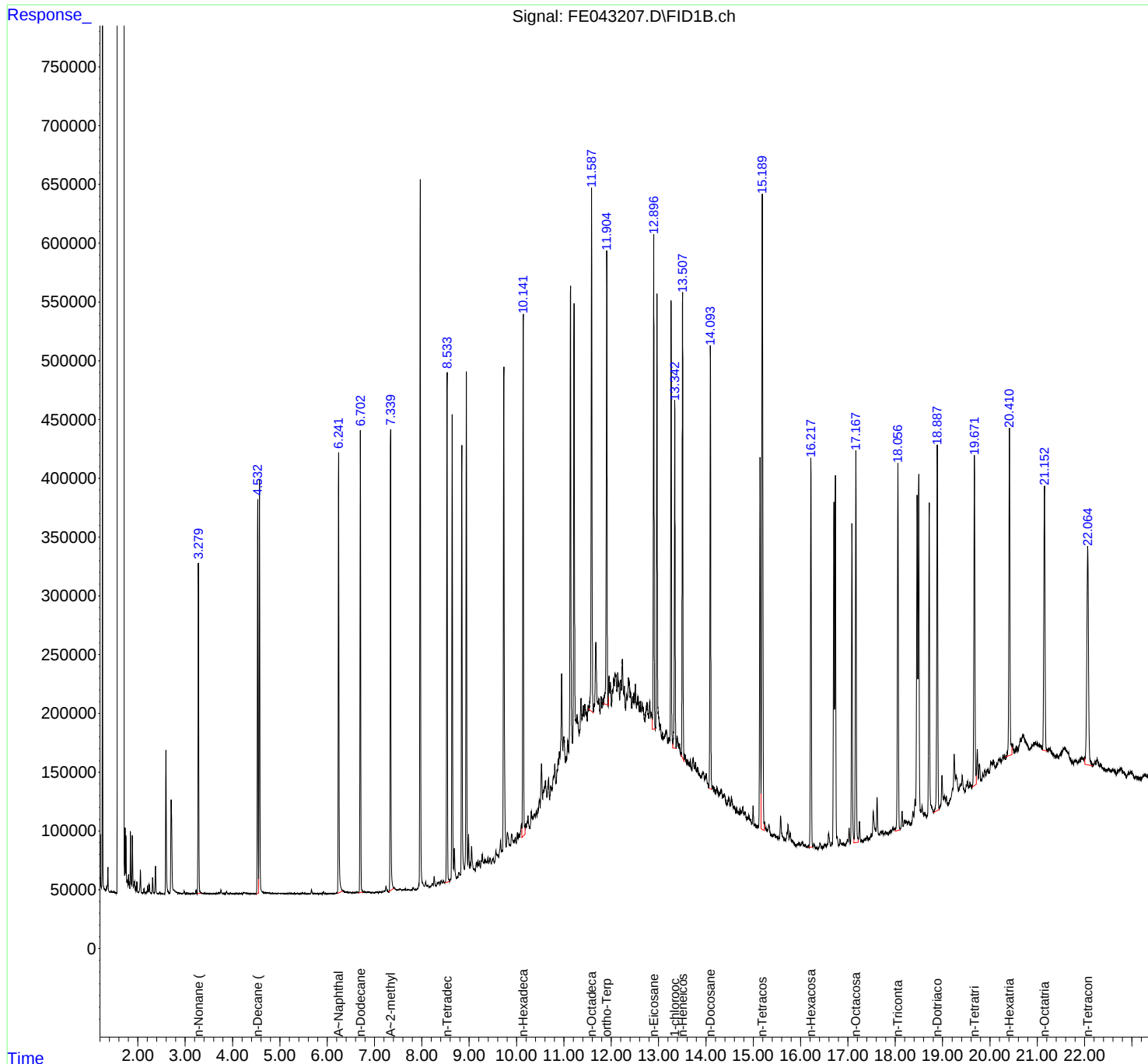
Response via : Initial Calibration

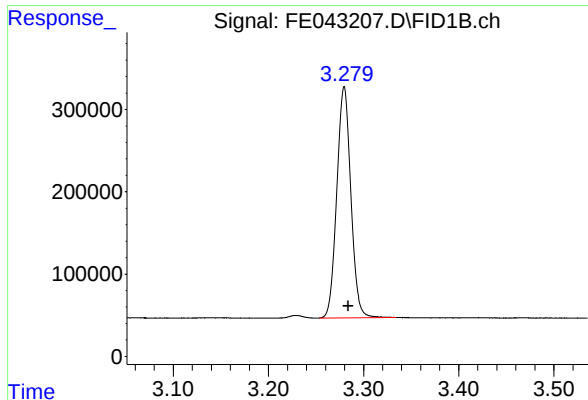
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: -0.004 min
Response: 2859604
Conc: 18.73 ug/ml

Instrument :

FID_E

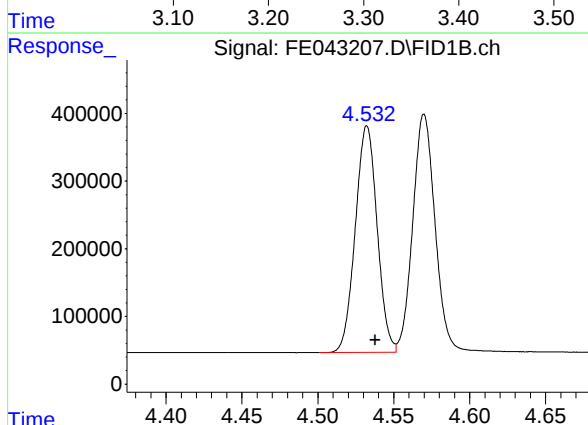
ClientSampleId :

WC-1MSD

Manual Integrations

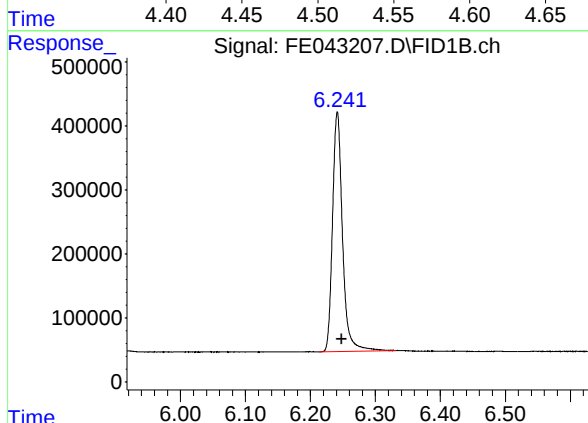
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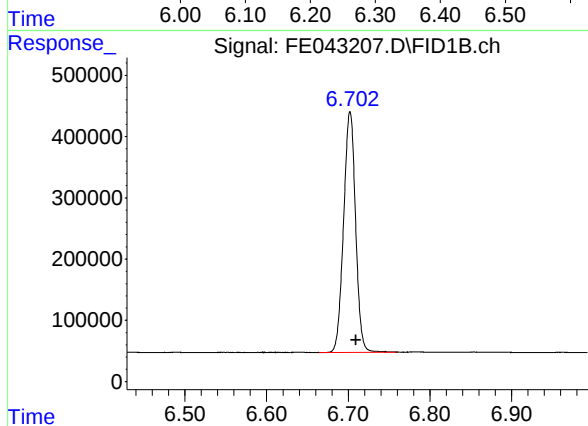
#2 n-Decane (C10)

R.T.: 4.532 min
Delta R.T.: -0.006 min
Response: 3351300
Conc: 21.50 ug/ml



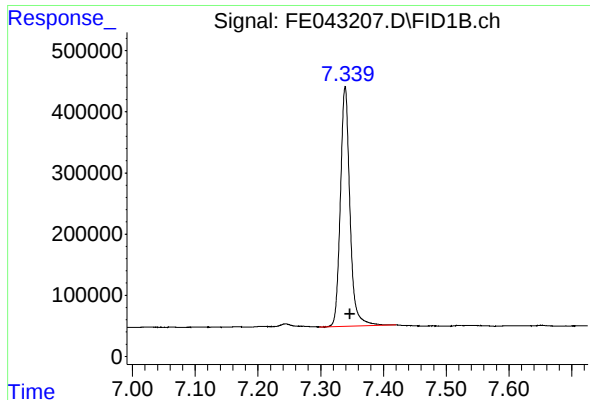
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: -0.006 min
Response: 4004780
Conc: 24.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.007 min
Response: 4001993
Conc: 25.40 ug/ml



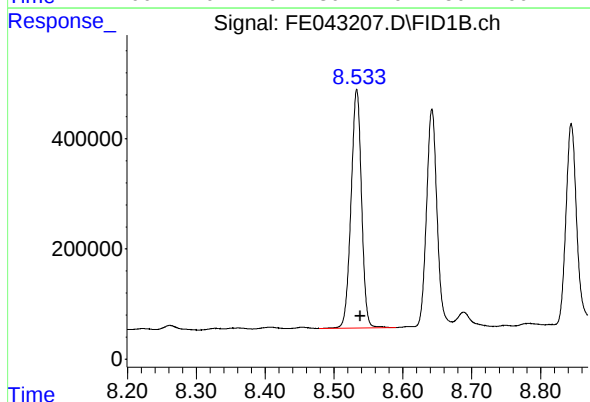
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: -0.008 min
Response: 4130581
Conc: 27.22 ug/ml

Instrument :
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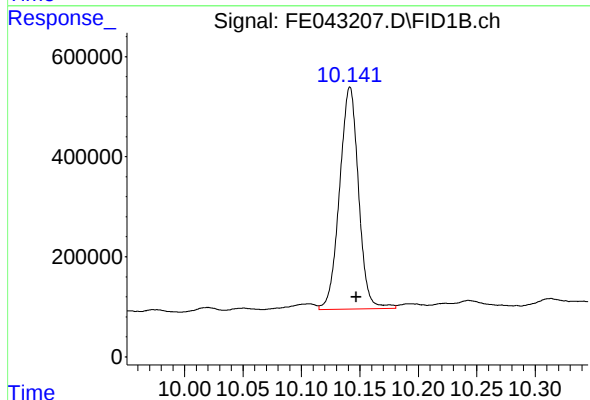
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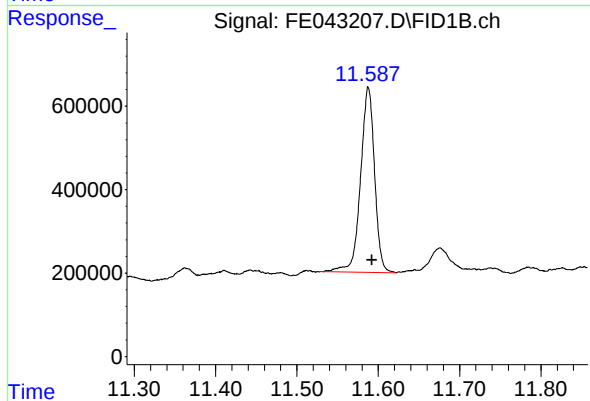
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: -0.005 min
Response: 4591949
Conc: 29.03 ug/ml



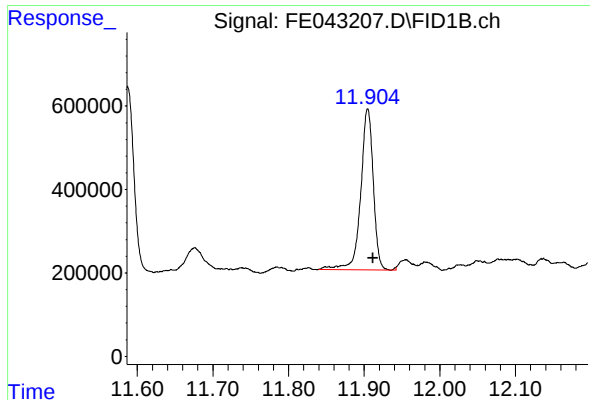
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.005 min
Response: 5021846
Conc: 31.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.587 min
Delta R.T.: -0.005 min
Response: 5325266
Conc: 32.67 ug/ml m



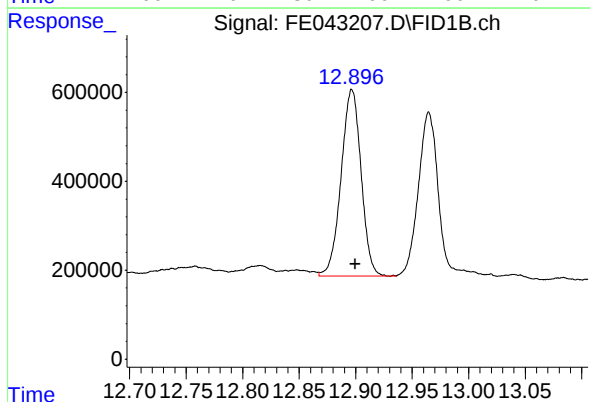
#9 ortho-Terphenyl (SURR)

R.T.: 11.904 min
Delta R.T.: -0.007 min
Response: 4472449
Conc: 24.98 ug/ml

Instrument :
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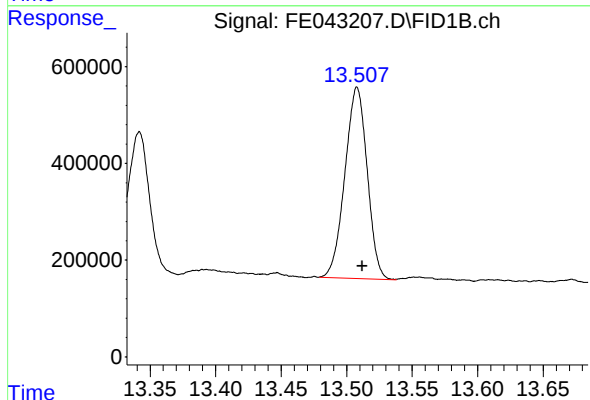
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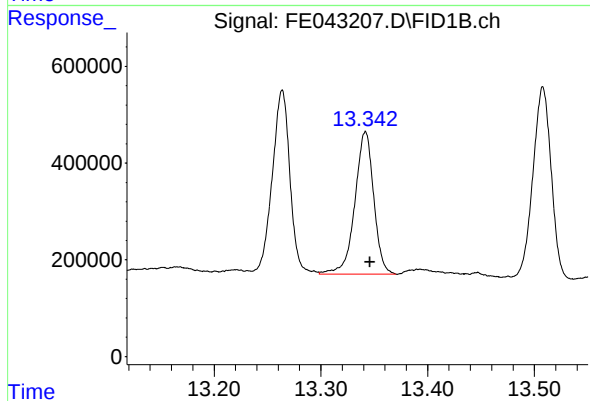
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: -0.004 min
Response: 5167651
Conc: 33.26 ug/ml



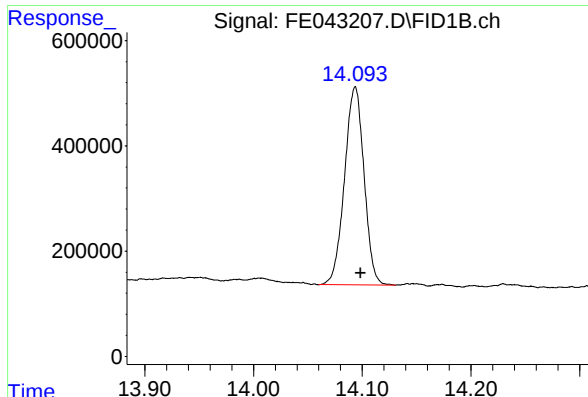
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.005 min
Response: 4679365
Conc: 30.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.342 min
Delta R.T.: -0.004 min
Response: 3620024
Conc: 27.55 ug/ml



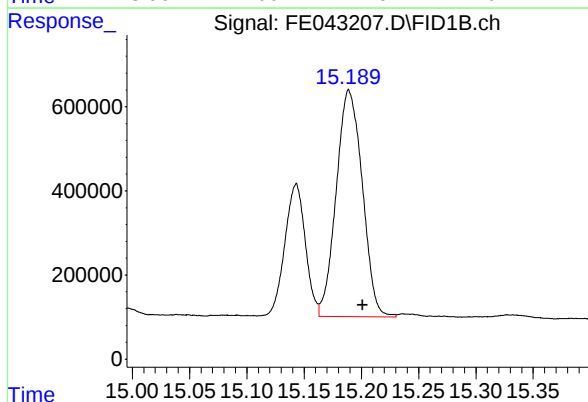
#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.005 min
Response: 4686055
Conc: 31.36 ug/ml

Instrument :
FID_E
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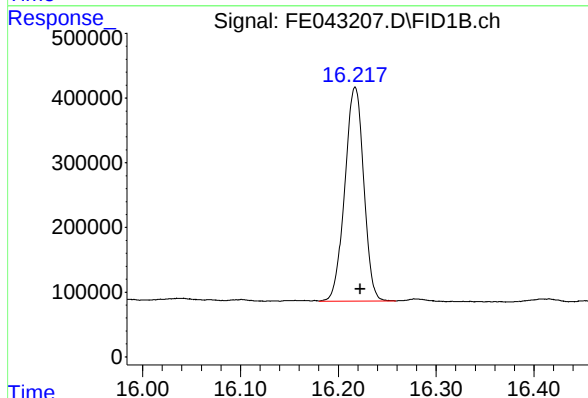
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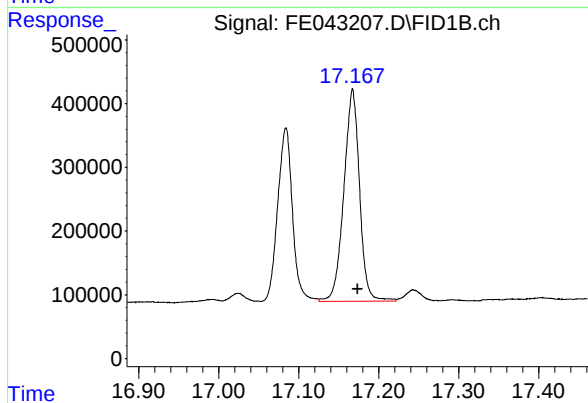
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.012 min
Response: 8524836
Conc: 58.05 ug/ml



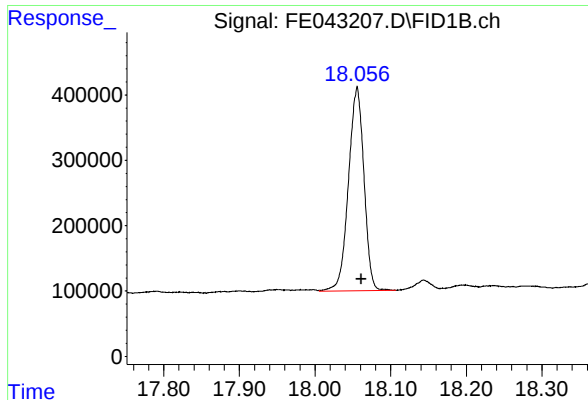
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.005 min
Response: 4436825
Conc: 31.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.167 min
Delta R.T.: -0.006 min
Response: 4527116
Conc: 32.17 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.056 min
Delta R.T.: -0.005 min
Response: 4430073
Conc: 30.07 ug/ml

Instrument :

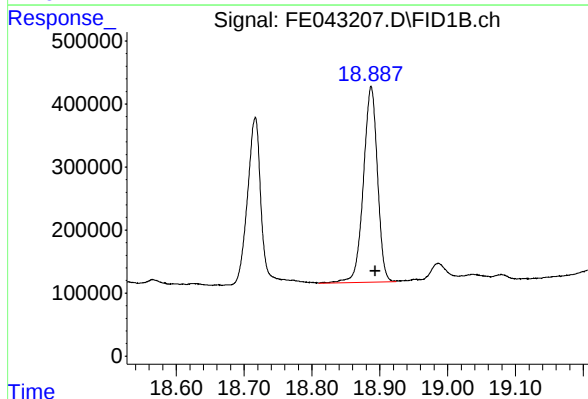
FID_E

ClientSampleId :

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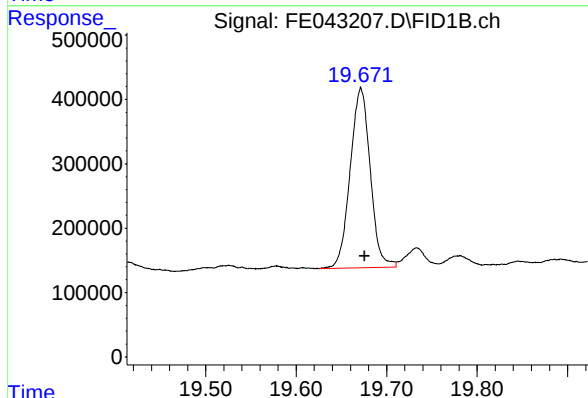
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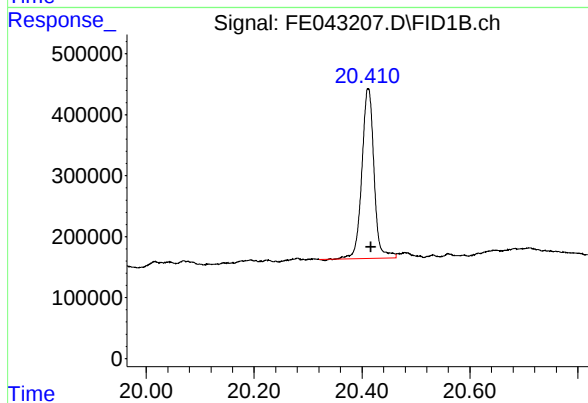
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: -0.006 min
Response: 4479295
Conc: 30.23 ug/ml



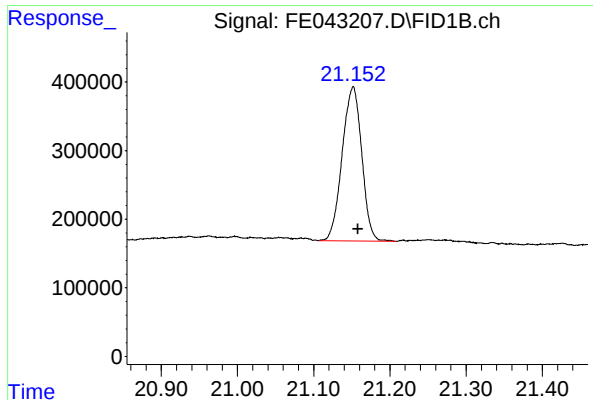
#19 n-Tetratriacontane (C34)

R.T.: 19.672 min
Delta R.T.: -0.004 min
Response: 4291122
Conc: 29.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: -0.005 min
Response: 4349471
Conc: 29.59 ug/ml



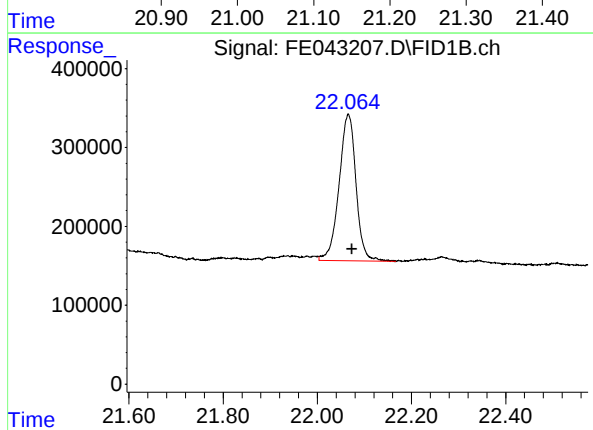
#21 n-Octatriacontane (C38)

R.T.: 21.152 min
Delta R.T.: -0.006 min
Response: 4003616
Conc: 28.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.008 min
Response: 4643857
Conc: 31.47 ug/ml