

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080322AL\
 Data File : FE036841.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2022 15:19
 Operator : YP\AJ
 Sample : PB146699BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146699BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/04/2022
 Supervised By :Ankita Jodhani 08/04/2022

Integration File: autoint1.e
 Quant Time: Aug 03 21:17:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 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)	11.836	7402822	39.747 ug/ml
Spiked Amount 50.000		Recovery =	79.49%
12) S 1-chlorooctadecane (S...	13.275	5850562	38.454 ug/ml
Spiked Amount 50.000		Recovery =	76.91%
Target Compounds			
1) T n-Nonane (C9)	3.236	5113183	33.169 ug/ml
2) T n-Decane (C10)	4.485	5329901	34.577 ug/ml
3) T A~Naphthalene (C11.7)	6.181	6260845	36.638 ug/ml
4) T n-Dodecane (C12)	6.649	5769697	36.736 ug/ml
5) T A~2-methylnaphthalene...	7.276	6258527	36.415 ug/ml
6) T n-Tetradecane (C14)	8.477	6158704	37.724 ug/ml
7) T n-Hexadecane (C16)	10.081	6405937	38.865 ug/ml
8) T n-Octadecane (C18)	11.523	6640891	39.076 ug/ml
10) T n-Eicosane (C20)	12.831	6412549	37.698 ug/ml
11) T n-Heneicosane (C21)	13.444	6297395	36.794 ug/ml
13) T n-Docosane (C22)	14.029	6199892	36.313 ug/ml
14) T n-Tetracosane (C24)	15.131	5911435	34.679 ug/ml
15) T n-Hexacosane (C26)	16.155	5841231	34.938 ug/ml
16) T n-Octacosane (C28)	17.104	5684178	34.803 ug/ml
17) T n-Tricontane (C30)	17.991	5491791	36.140 ug/ml
18) T n-Dotriacontane (C32)	18.825	5379684	44.730 ug/ml
19) T n-Tetratriacontane (C34)	19.609	5361521	64.382 ug/ml
20) T n-Hexatriacontane (C36)	20.349	5084838	86.599 ug/mlm
21) T n-Octatriacontane (C38)	21.072	5061539	100.953 ug/mlm
22) T n-Tetracontane (C40)	21.955	5162265	99.962 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB146699BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

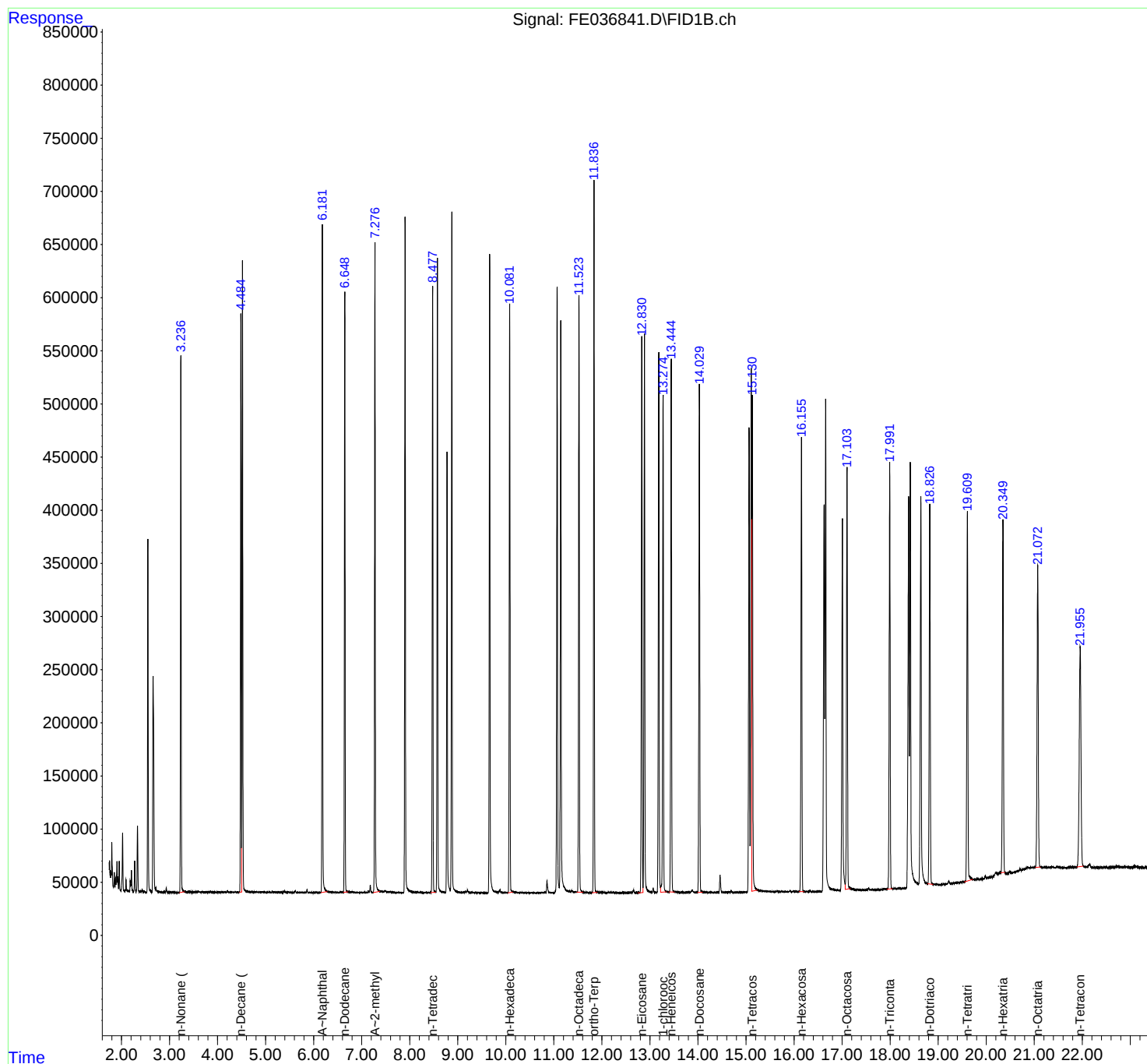
Instrument :
FID_E
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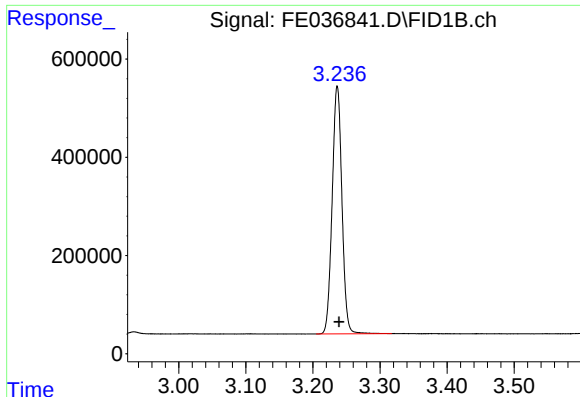
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#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: -0.003 min
Response: 5113183
Conc: 33.17 ug/ml

Instrument :

FID_E

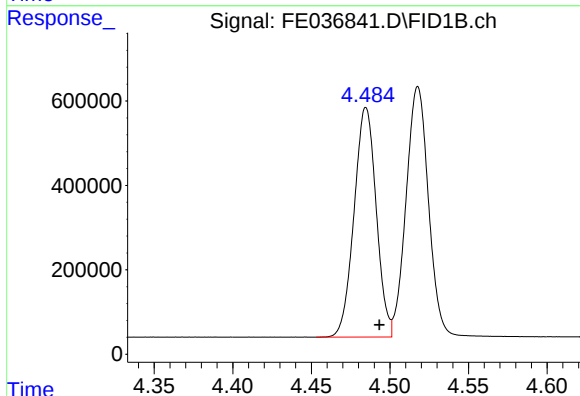
ClientSampleId :

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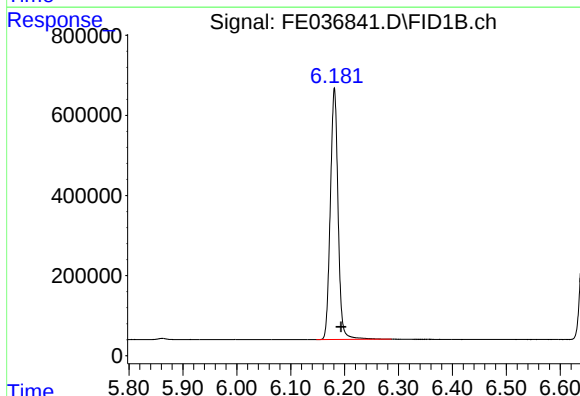
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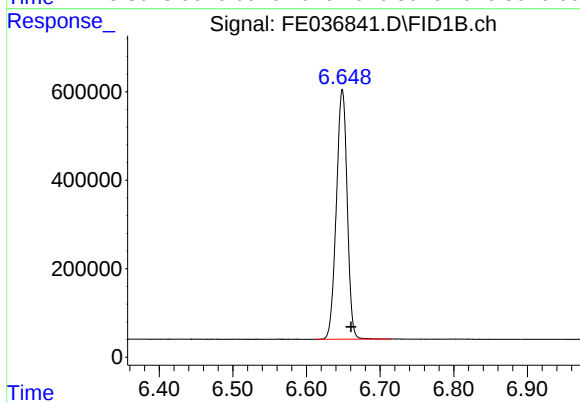
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.008 min
Response: 5329901
Conc: 34.58 ug/ml



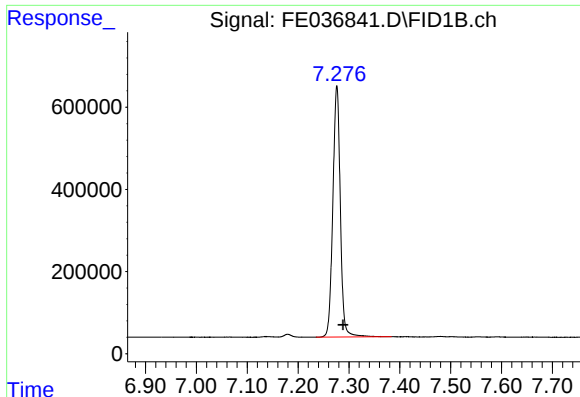
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.012 min
Response: 6260845
Conc: 36.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.012 min
Response: 5769697
Conc: 36.74 ug/ml



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

R.T.: 7.276 min
Delta R.T.: -0.012 min
Response: 6258527
Conc: 36.41 ug/ml

Instrument :

FID_E

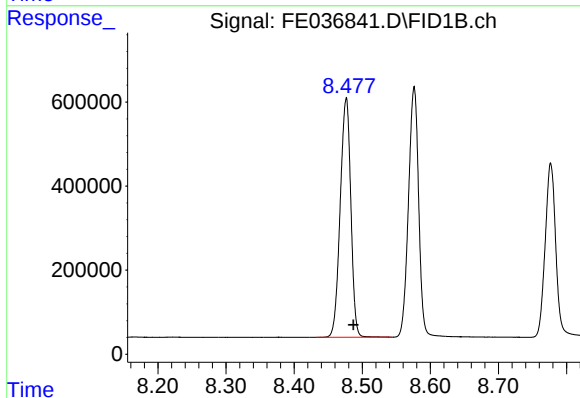
ClientSampleId :

PB146699BSD

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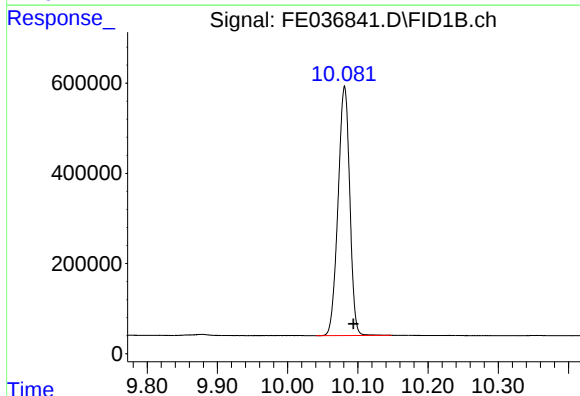
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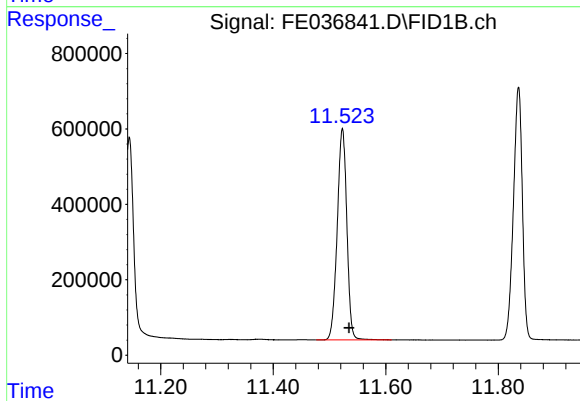
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: -0.011 min
Response: 6158704
Conc: 37.72 ug/ml



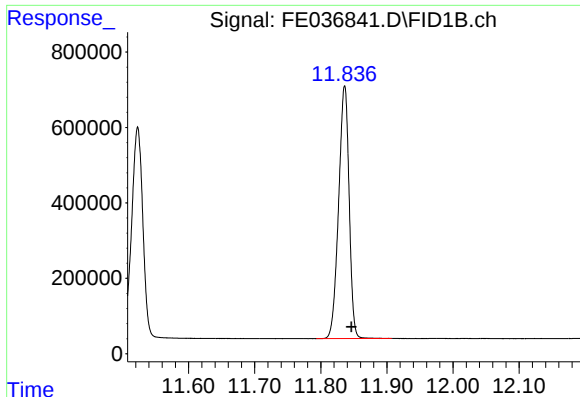
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.013 min
Response: 6405937
Conc: 38.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.523 min
Delta R.T.: -0.012 min
Response: 6640891
Conc: 39.08 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.010 min
Response: 7402822
Conc: 39.75 ug/ml

Instrument :

FID_E

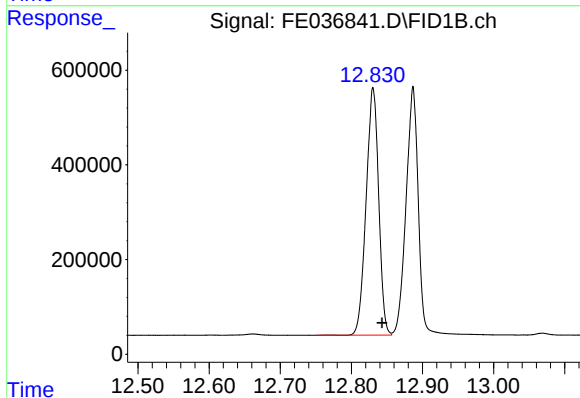
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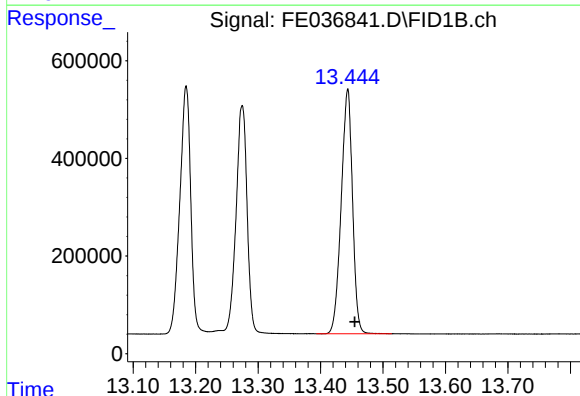
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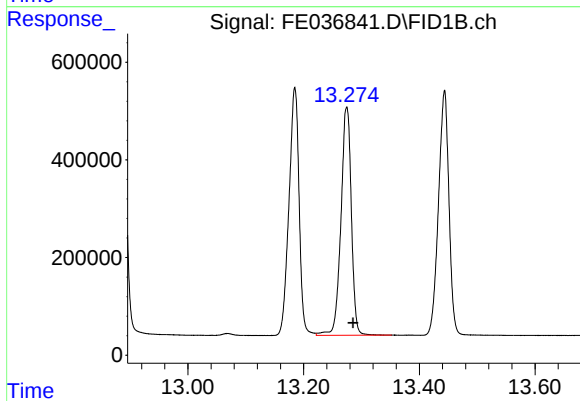
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.012 min
Response: 6412549
Conc: 37.70 ug/ml



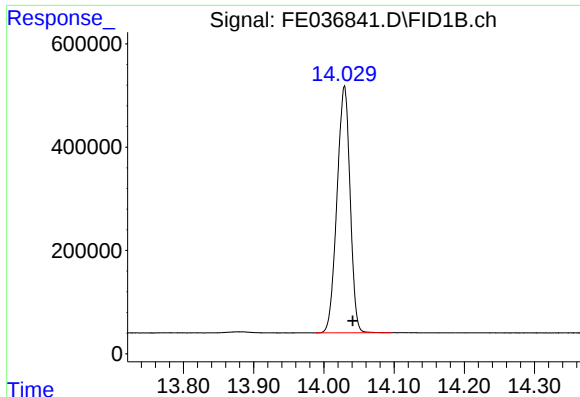
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.011 min
Response: 6297395
Conc: 36.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.011 min
Response: 5850562
Conc: 38.45 ug/ml



#13 n-Docosane (C22)

R.T.: 14.029 min
Delta R.T.: -0.012 min
Response: 6199892
Conc: 36.31 ug/ml

Instrument :

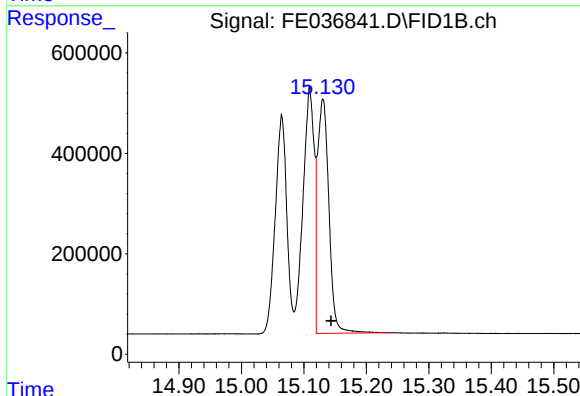
FID_E

ClientSampleId :

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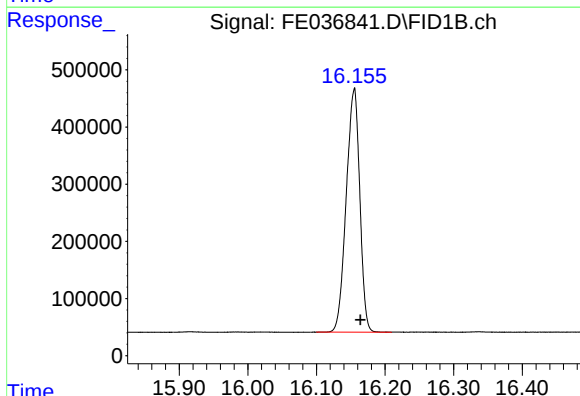
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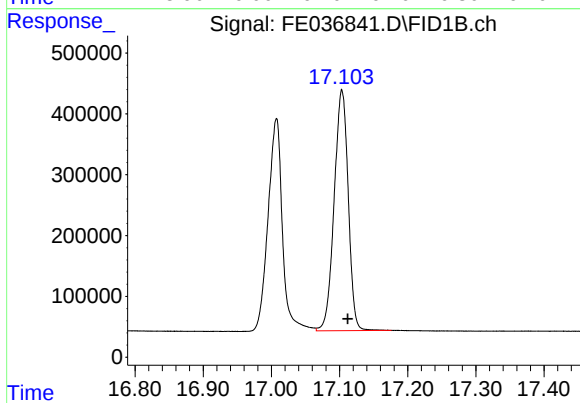
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.013 min
Response: 5911435
Conc: 34.68 ug/ml



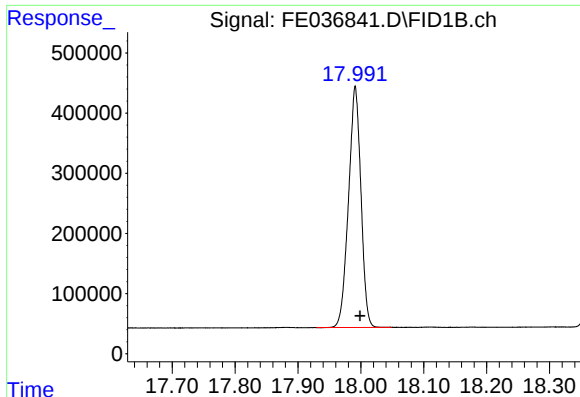
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.009 min
Response: 5841231
Conc: 34.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.104 min
Delta R.T.: -0.009 min
Response: 5684178
Conc: 34.80 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: -0.008 min
Response: 5491791
Conc: 36.14 ug/ml

Instrument :

FID_E

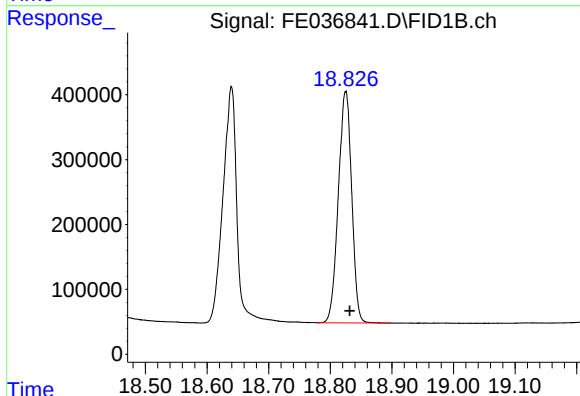
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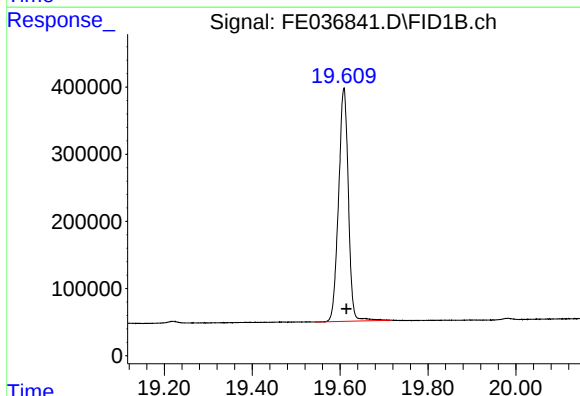
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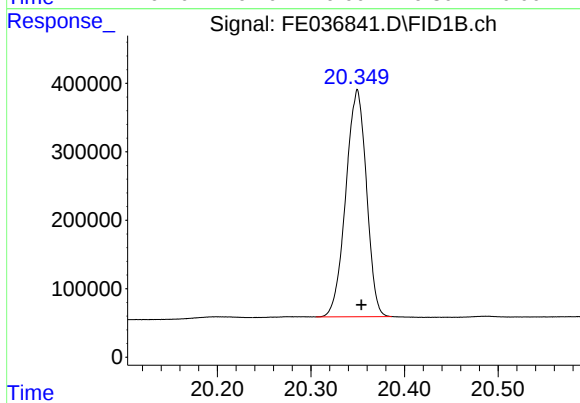
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: -0.007 min
Response: 5379684
Conc: 44.73 ug/ml



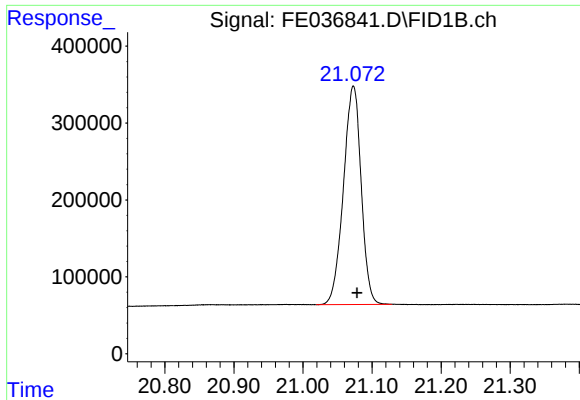
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.006 min
Response: 5361521
Conc: 64.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.005 min
Response: 5084838
Conc: 86.60 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: -0.006 min
Response: 5061539
Conc: 100.95 ug/ml

Instrument :

FID_E

ClientSampleId :

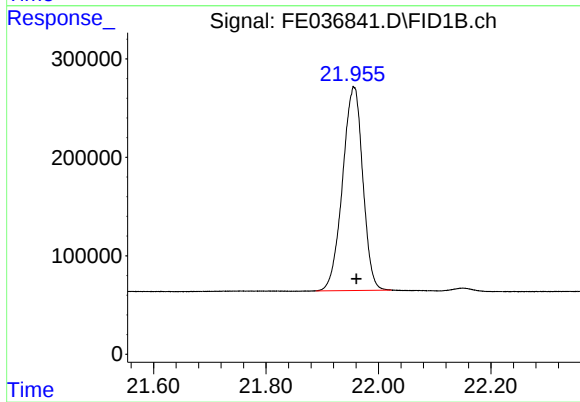
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#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.006 min
Response: 5162265
Conc: 99.96 ug/ml m