

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110424AL\
 Data File : FE051001.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2024 16:56
 Operator : YP\AJ
 Sample : PB164640BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB164640BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: sample.E
 Quant Time: Nov 05 03:47:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.855	6013836	38.145 ug/mlm
Spiked Amount 50.000		Recovery =	76.29%
12) S 1-chlorooctadecane (S...	13.288	4772946	40.348 ug/ml
Spiked Amount 50.000		Recovery =	80.70%
Target Compounds			
1) T n-Nonane (C9)	3.251	5173129	36.613 ug/ml
2) T n-Decane (C10)	4.498	5333857	37.176 ug/ml
3) T A~Naphthalene (C11.7)	6.206	5348692	37.406 ug/ml
4) T n-Dodecane (C12)	6.662	5492975	38.163 ug/ml
5) T A~2-methylnaphthalene...	7.301	4919340	37.133 ug/ml
6) T n-Tetradecane (C14)	8.490	5714636	39.944 ug/ml
7) T n-Hexadecane (C16)	10.094	5866417	39.862 ug/ml
8) T n-Octadecane (C18)	11.535	5973823	39.994 ug/mlm
10) T n-Eicosane (C20)	12.843	5989155	41.765 ug/ml
11) T n-Heneicosane (C21)	13.453	5748357	40.933 ug/ml
13) T n-Docosane (C22)	14.038	5712418	40.717 ug/ml
14) T n-Tetracosane (C24)	15.140	10858490	76.859 ug/mlm
15) T n-Hexacosane (C26)	16.159	5637577	40.063 ug/mlm
16) T n-Octacosane (C28)	17.107	6271516	42.859 ug/mlm
17) T n-Tricontane (C30)	17.995	5885224	37.013 ug/ml
18) T n-Dotriacontane (C32)	18.826	5997905	36.998 ug/ml
19) T n-Tetratriacontane (C34)	19.610	6206241	42.251 ug/ml
20) T n-Hexatriacontane (C36)	20.349	6273803	49.472 ug/ml
21) T n-Octatriacontane (C38)	21.074	6249452	50.543 ug/ml
22) T n-Tetracontane (C40)	21.957	6047601	54.311 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB164640BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

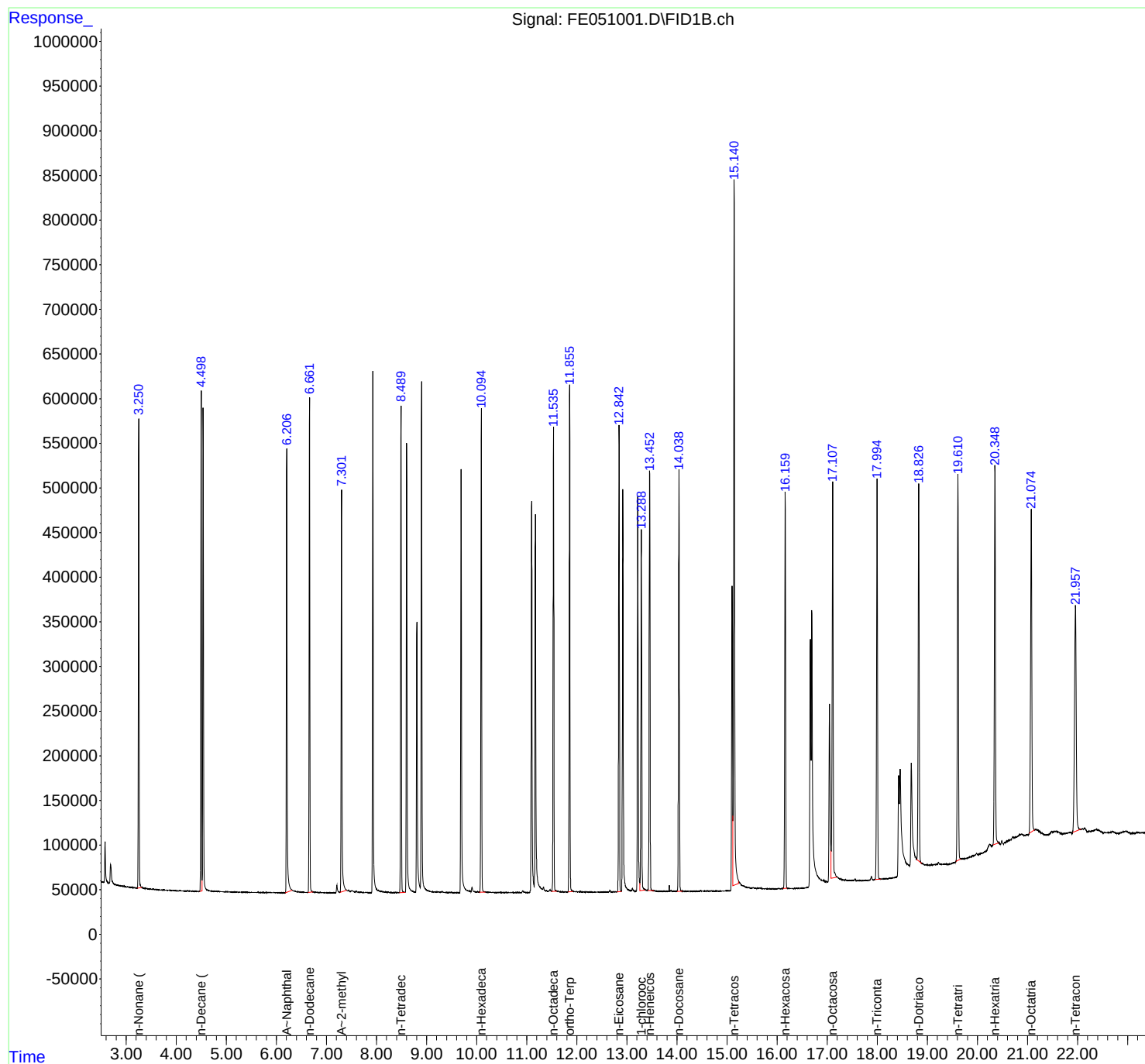
Instrument :
FID_E
ClientSampleId :
PB164640BSD

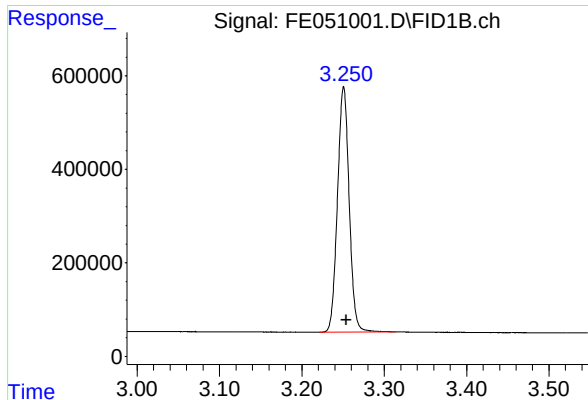
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: -0.003 min
Response: 5173129
Conc: 36.61 ug/ml

Instrument :

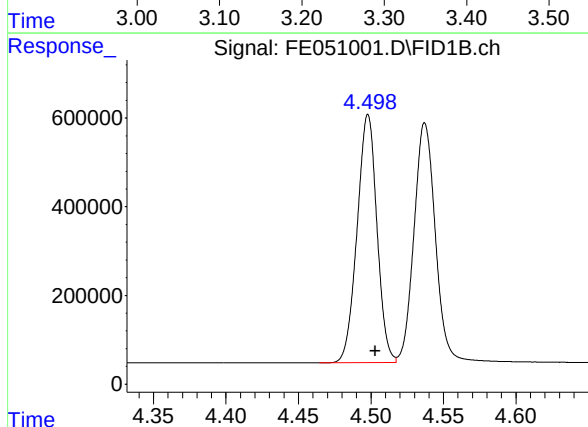
FID_E

ClientSampleId :

PB164640BSD

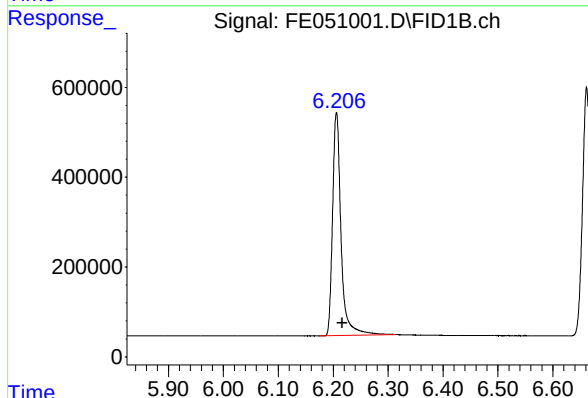
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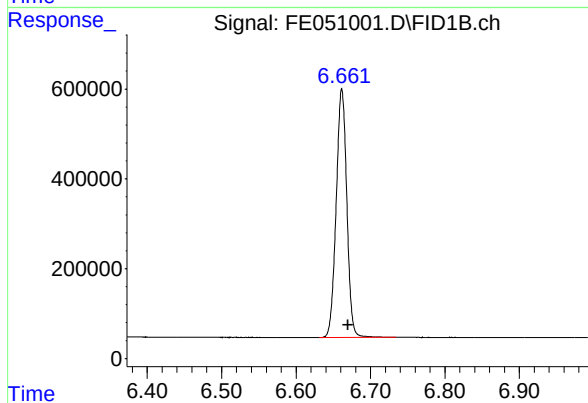
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.005 min
Response: 5333857
Conc: 37.18 ug/ml



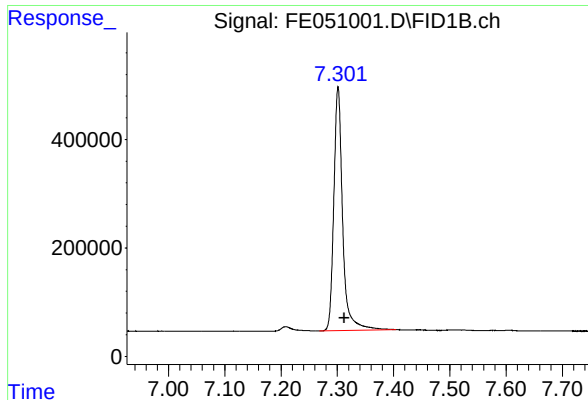
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: -0.011 min
Response: 5348692
Conc: 37.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: -0.008 min
Response: 5492975
Conc: 38.16 ug/ml



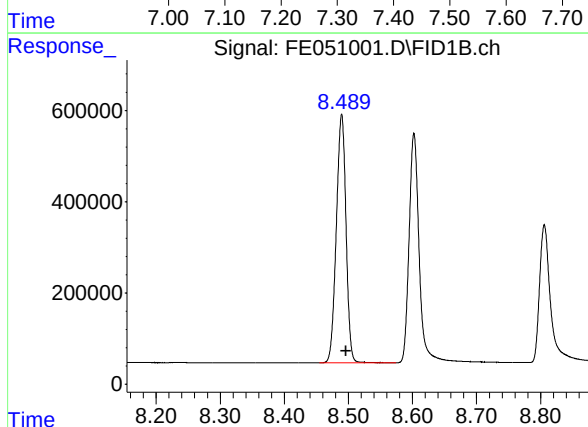
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.301 min
Delta R.T.: -0.011 min
Response: 4919340
Conc: 37.13 ug/ml

Instrument :
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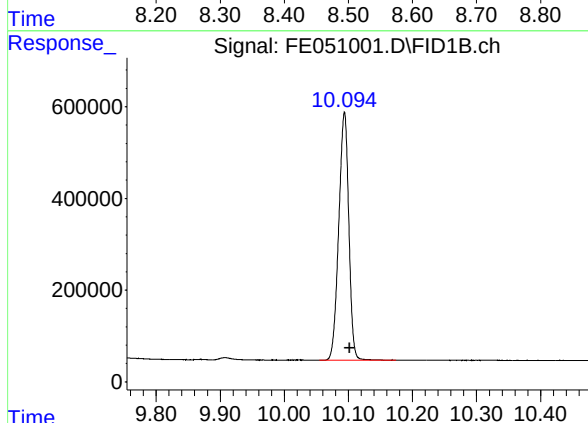
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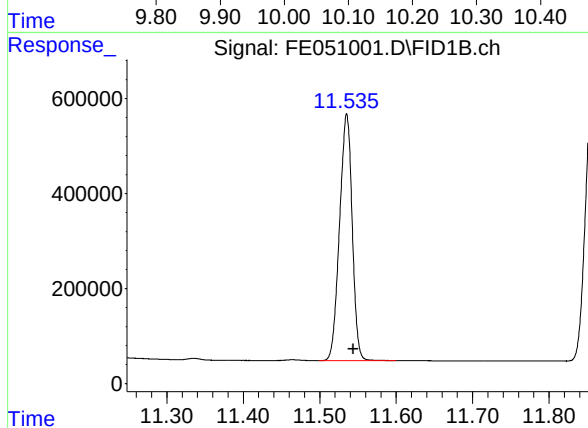
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.007 min
Response: 5714636
Conc: 39.94 ug/ml



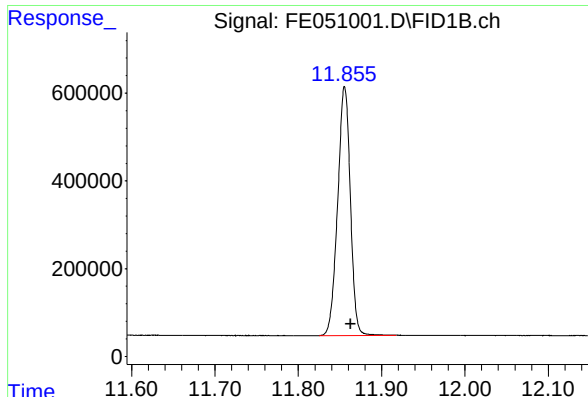
#7 n-Hexadecane (C16)

R.T.: 10.094 min
Delta R.T.: -0.009 min
Response: 5866417
Conc: 39.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.535 min
Delta R.T.: -0.009 min
Response: 5973823
Conc: 39.99 ug/ml m



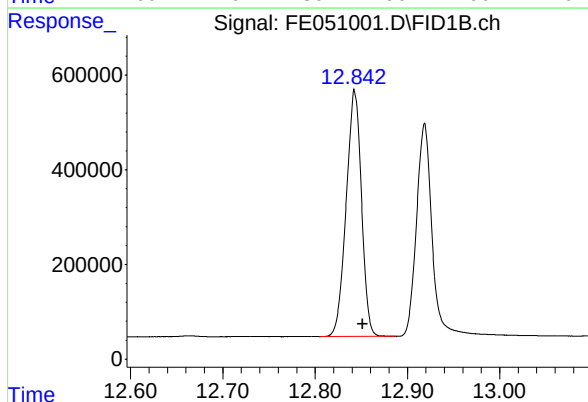
#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: -0.008 min
Response: 6013836
Conc: 38.15 ug/ml

Instrument :
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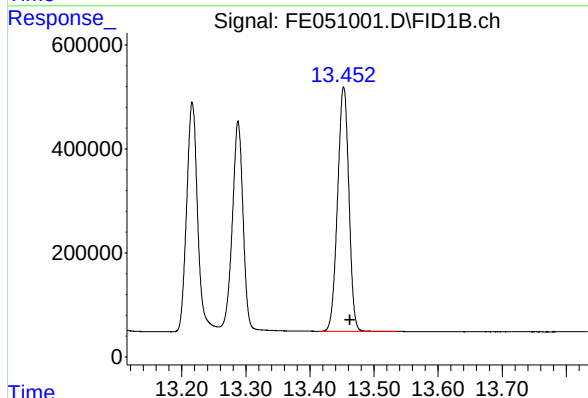
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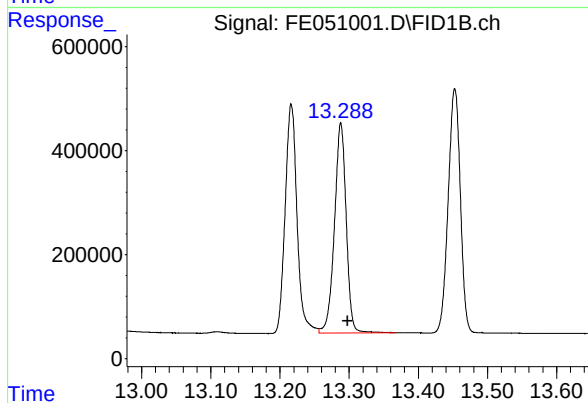
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.009 min
Response: 5989155
Conc: 41.77 ug/ml



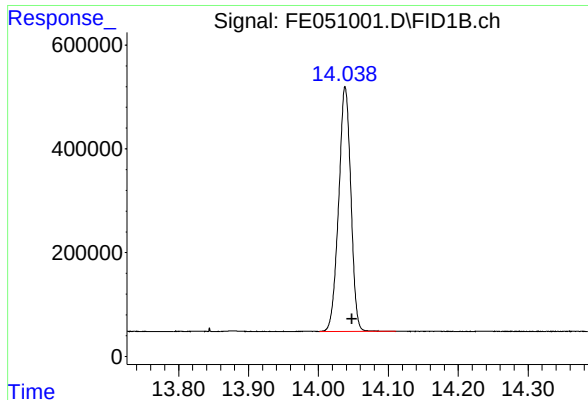
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.010 min
Response: 5748357
Conc: 40.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.288 min
Delta R.T.: -0.010 min
Response: 4772946
Conc: 40.35 ug/ml



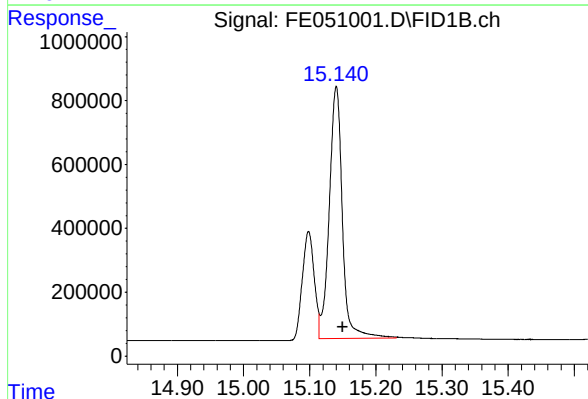
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.010 min
Response: 5712418
Conc: 40.72 ug/ml

Instrument :
FID_E
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PB164640BSD

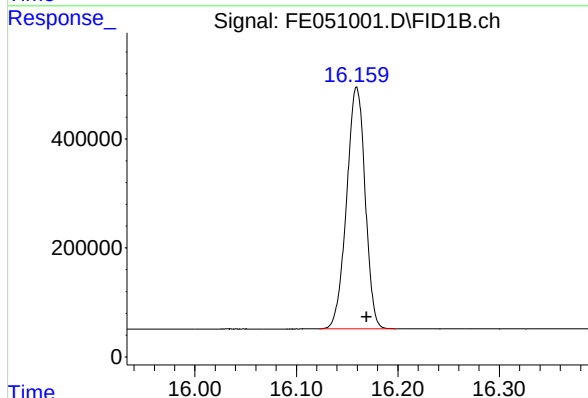
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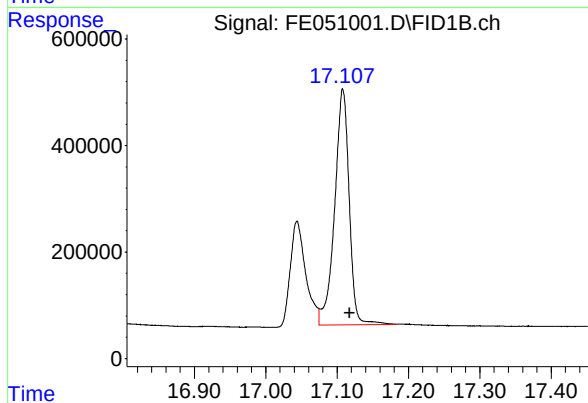
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.010 min
Response: 10858490
Conc: 76.86 ug/ml m



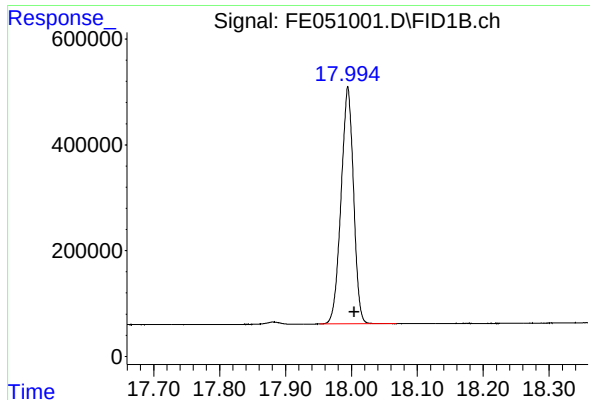
#15 n-Hexacosane (C26)

R.T.: 16.159 min
Delta R.T.: -0.010 min
Response: 5637577
Conc: 40.06 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.010 min
Response: 6271516
Conc: 42.86 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.010 min
Response: 5885224
Conc: 37.01 ug/ml

Instrument :

FID_E

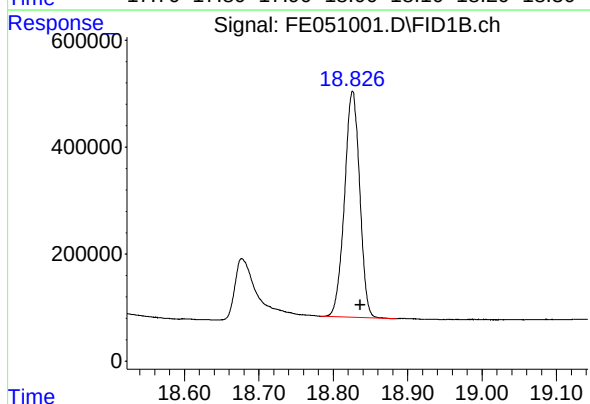
ClientSampleId :

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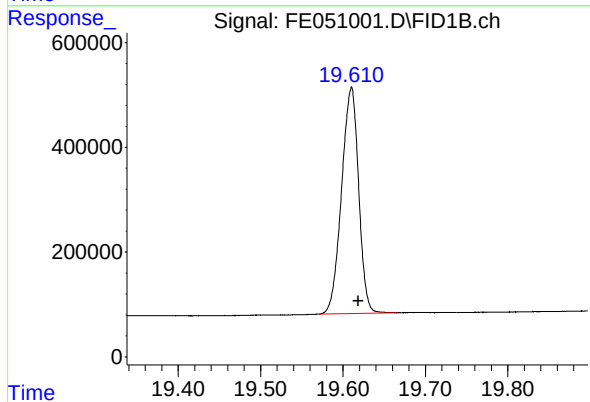
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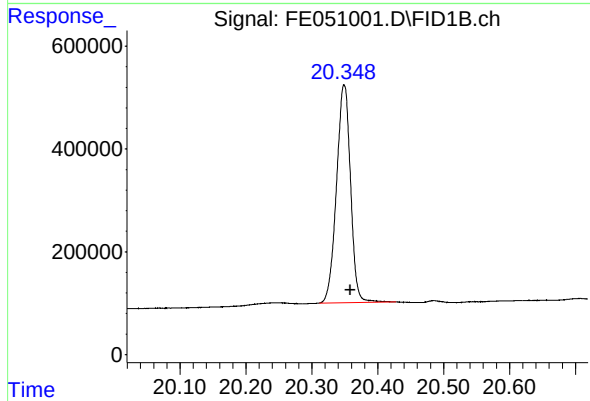
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.011 min
Response: 5997905
Conc: 37.00 ug/ml



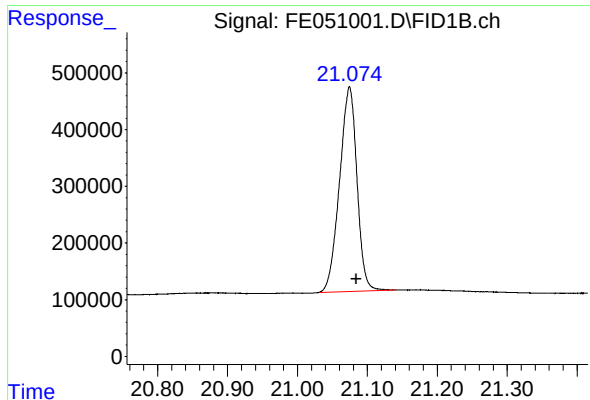
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.009 min
Response: 6206241
Conc: 42.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.010 min
Response: 6273803
Conc: 49.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: -0.010 min
Response: 6249452
Conc: 50.54 ug/ml

Instrument :

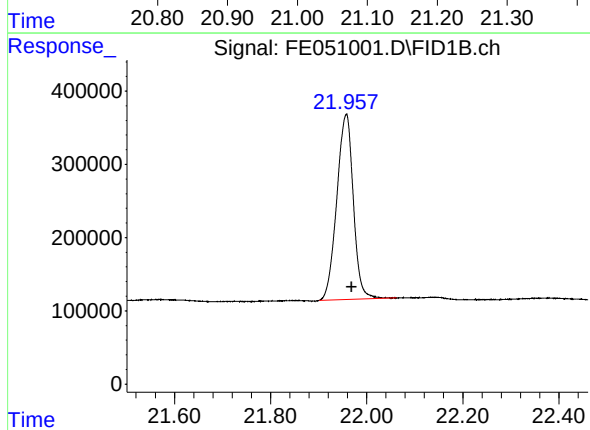
FID_E

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#22 n-Tetracontane (C40)

R.T.: 21.957 min
Delta R.T.: -0.012 min
Response: 6047601
Conc: 54.31 ug/ml