

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080322AL\
 Data File : FE036840.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2022 14:48
 Operator : YP\AJ
 Sample : PB146699BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146699BS

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 21:17:13 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	7364373	39.541 ug/ml
Spiked Amount 50.000		Recovery =	79.08%
12) S 1-chlorooctadecane (S...	13.274	5824424	38.282 ug/ml
Spiked Amount 50.000		Recovery =	76.56%
Target Compounds			
1) T n-Nonane (C9)	3.236	5096016	33.057 ug/ml
2) T n-Decane (C10)	4.484	5316337	34.489 ug/ml
3) T A~Naphthalene (C11.7)	6.181	6238722	36.508 ug/ml
4) T n-Dodecane (C12)	6.648	5763708	36.698 ug/ml
5) T A~2-methylnaphthalene...	7.277	6237922	36.295 ug/ml
6) T n-Tetradecane (C14)	8.476	6153162	37.690 ug/ml
7) T n-Hexadecane (C16)	10.080	6385615	38.741 ug/ml
8) T n-Octadecane (C18)	11.523	6622004	38.964 ug/ml
10) T n-Eicosane (C20)	12.831	6374805	37.476 ug/ml
11) T n-Heneicosane (C21)	13.442	6263287	36.595 ug/ml
13) T n-Docosane (C22)	14.028	6163083	36.097 ug/ml
14) T n-Tetracosane (C24)	15.130	5943913	34.869 ug/ml
15) T n-Hexacosane (C26)	16.153	5811740	34.762 ug/ml
16) T n-Octacosane (C28)	17.103	5666349	34.693 ug/ml
17) T n-Tricontane (C30)	17.992	5458283	35.919 ug/ml
18) T n-Dotriacontane (C32)	18.824	5351068	44.492 ug/ml
19) T n-Tetratriacontane (C34)	19.607	5286039	63.476 ug/ml
20) T n-Hexatriacontane (C36)	20.348	5123558	87.259 ug/ml
21) T n-Octatriacontane (C38)	21.073	5058990	100.902 ug/ml
22) T n-Tetracontane (C40)	21.953	5086263	98.491 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB146699BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

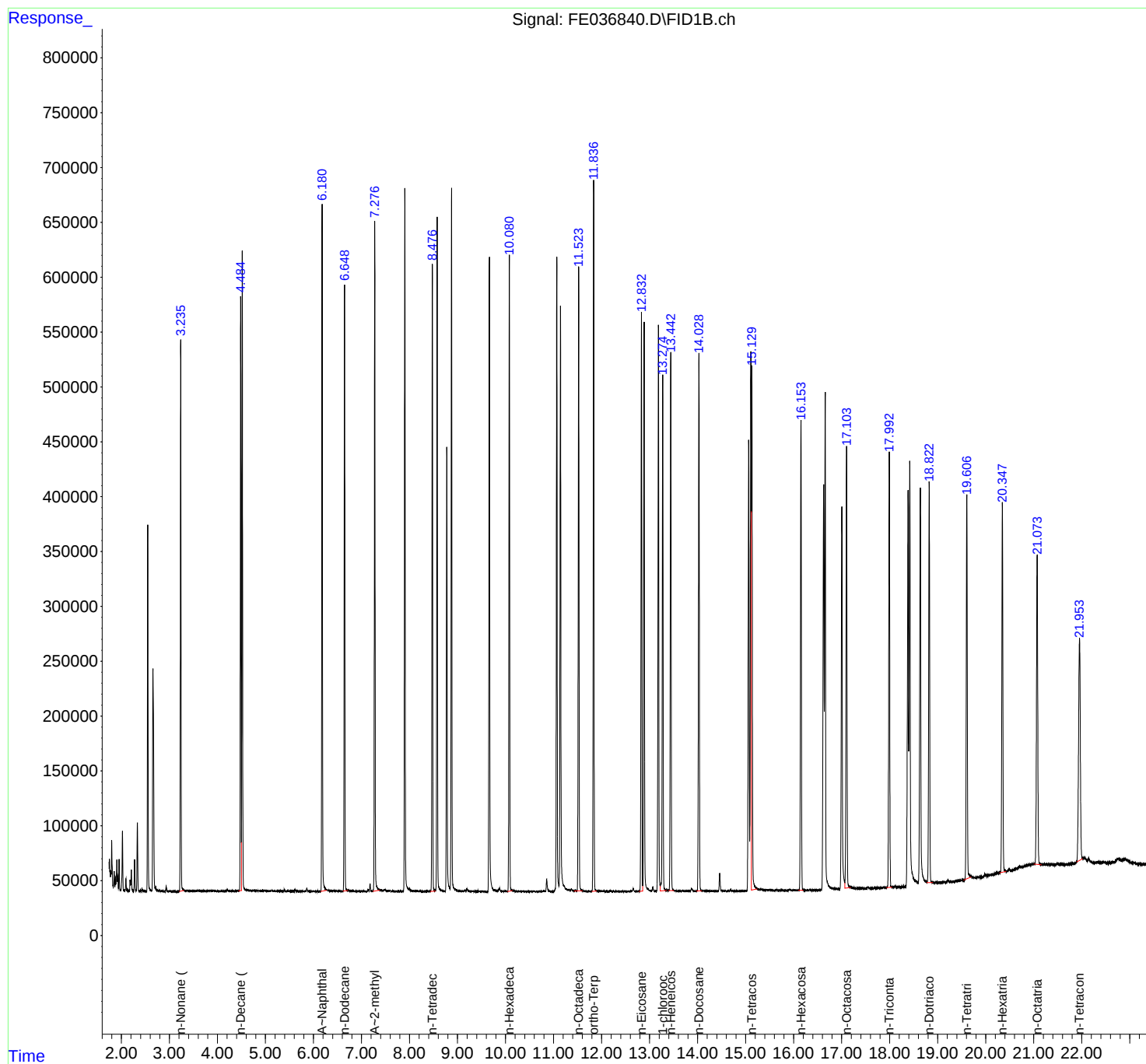
Instrument :
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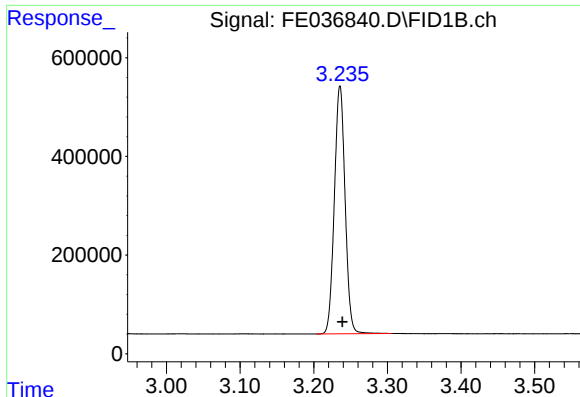
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: -0.003 min
Response: 5096016
Conc: 33.06 ug/ml

Instrument :

FID_E

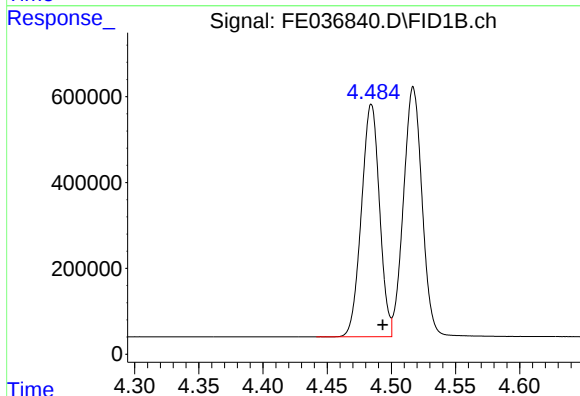
ClientSampleId :

PB146699BS

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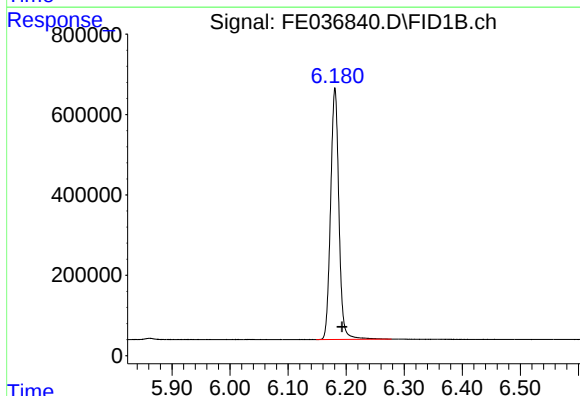
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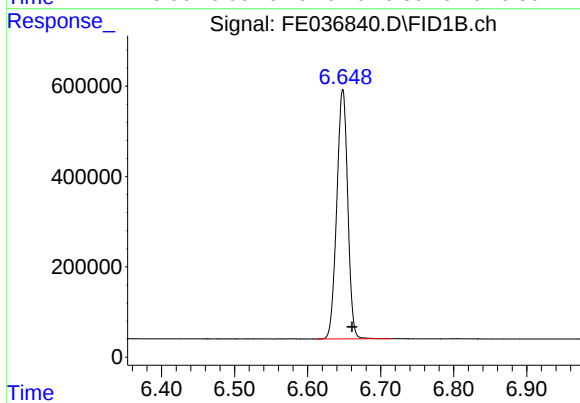
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.009 min
Response: 5316337
Conc: 34.49 ug/ml



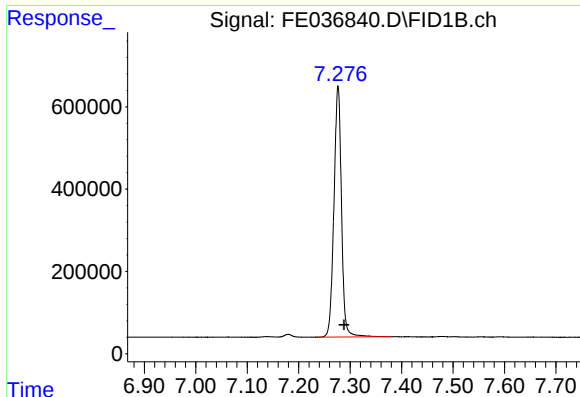
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.012 min
Response: 6238722
Conc: 36.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.013 min
Response: 5763708
Conc: 36.70 ug/ml



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

R.T.: 7.277 min
Delta R.T.: -0.012 min
Response: 6237922
Conc: 36.29 ug/ml

Instrument :

FID_E

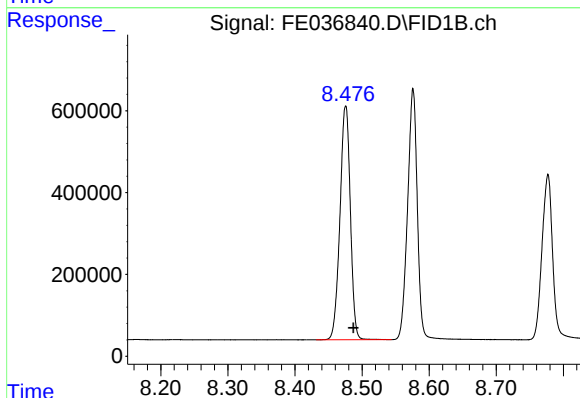
ClientSampleId :

PB146699BS

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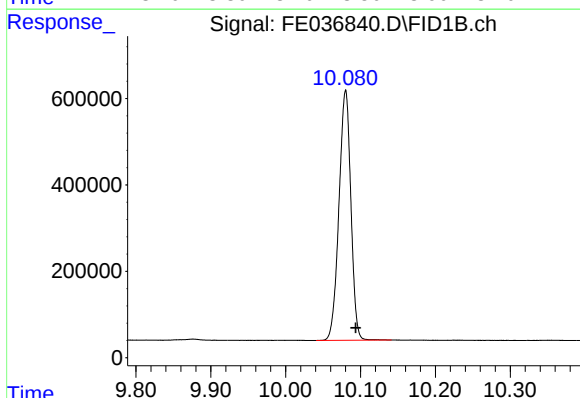
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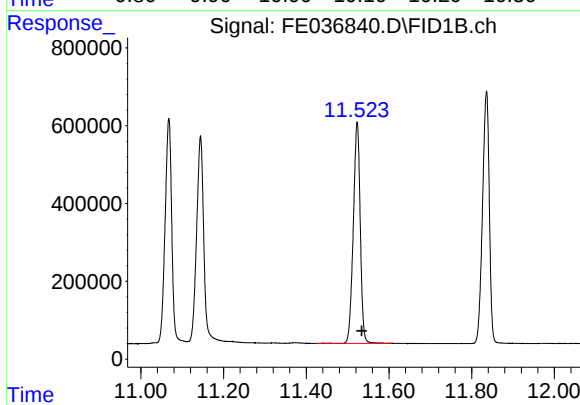
#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.012 min
Response: 6153162
Conc: 37.69 ug/ml



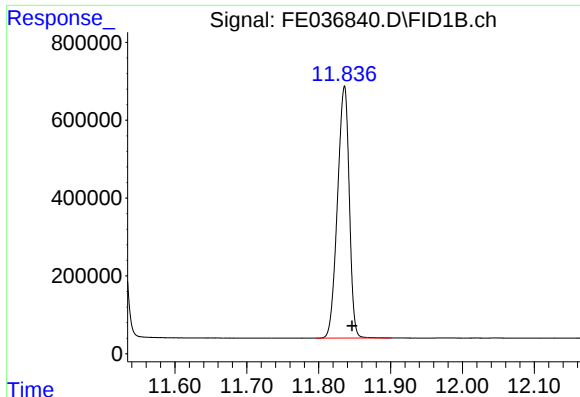
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.014 min
Response: 6385615
Conc: 38.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.523 min
Delta R.T.: -0.012 min
Response: 6622004
Conc: 38.96 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.011 min
Response: 7364373
Conc: 39.54 ug/ml

Instrument :

FID_E

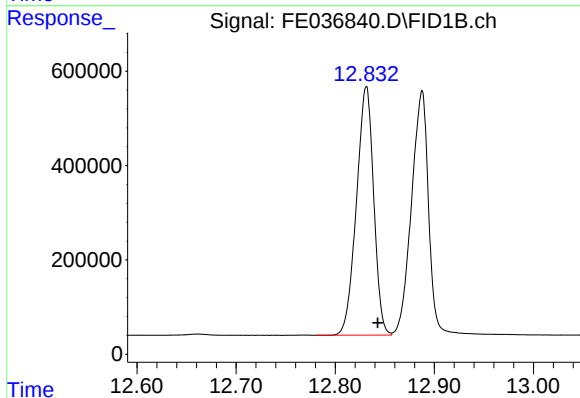
ClientSampleId :

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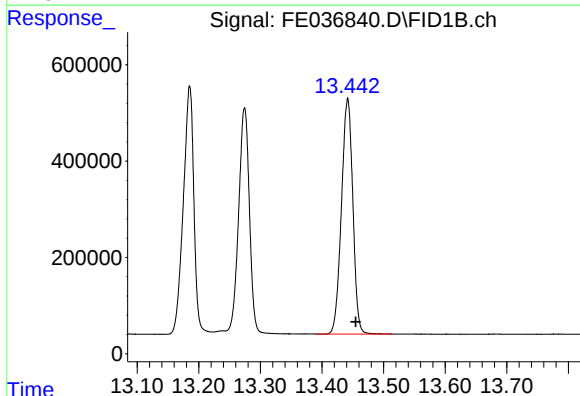
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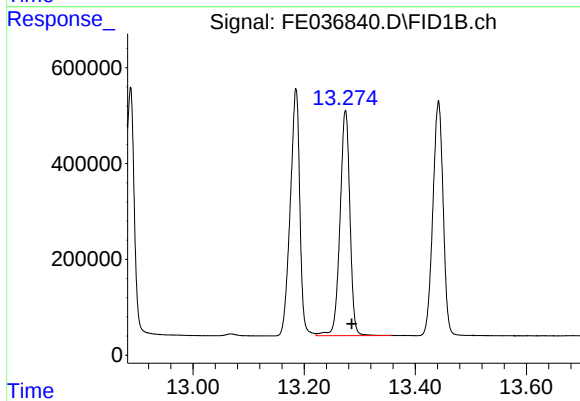
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.012 min
Response: 6374805
Conc: 37.48 ug/ml



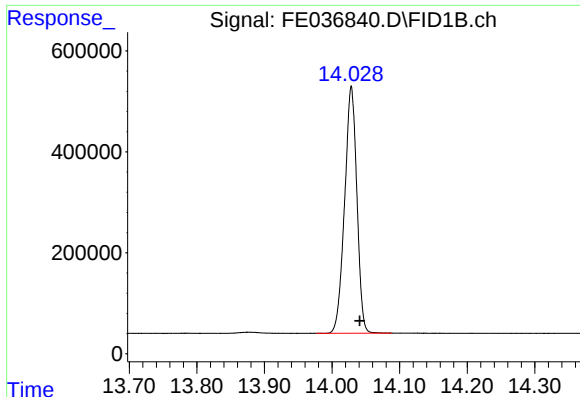
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.013 min
Response: 6263287
Conc: 36.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.011 min
Response: 5824424
Conc: 38.28 ug/ml



#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.013 min
Response: 6163083
Conc: 36.10 ug/ml

Instrument :

FID_E

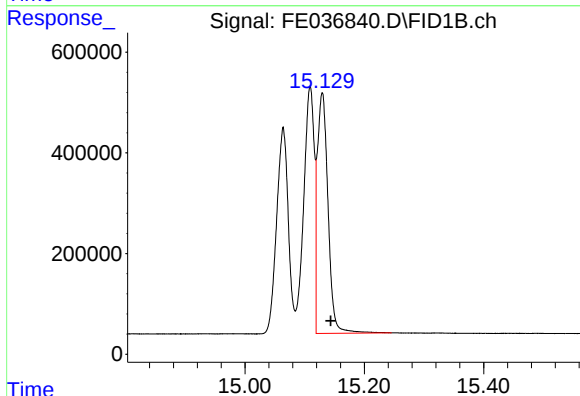
ClientSampleId :

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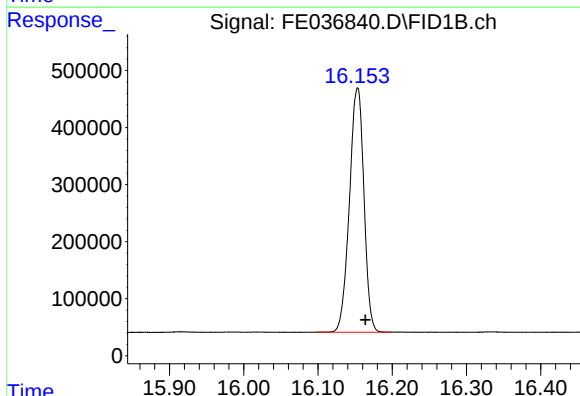
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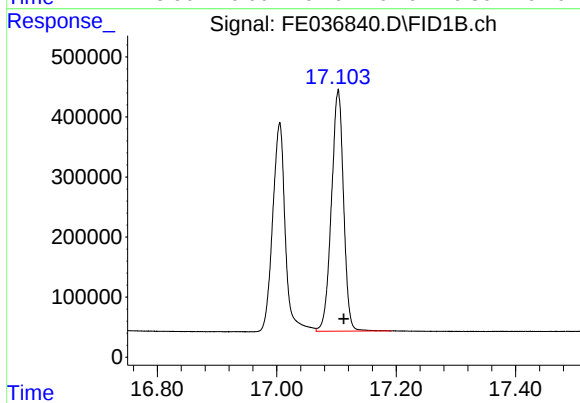
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.014 min
Response: 5943913
Conc: 34.87 ug/ml



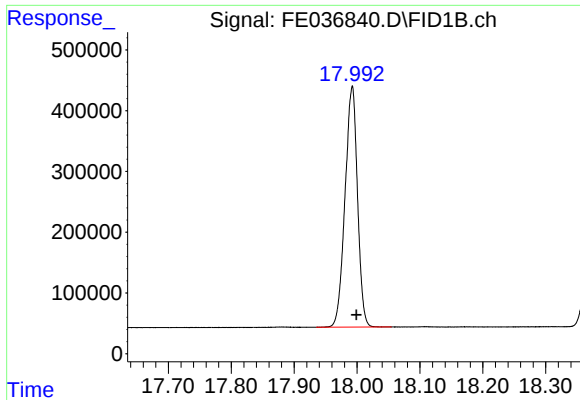
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 5811740
Conc: 34.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.009 min
Response: 5666349
Conc: 34.69 ug/ml



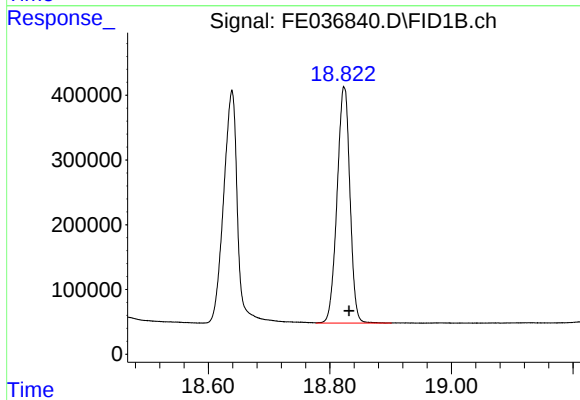
#17 n-Tricontane (C30)

R.T.: 17.992 min
Delta R.T.: -0.006 min
Response: 5458283
Conc: 35.92 ug/ml

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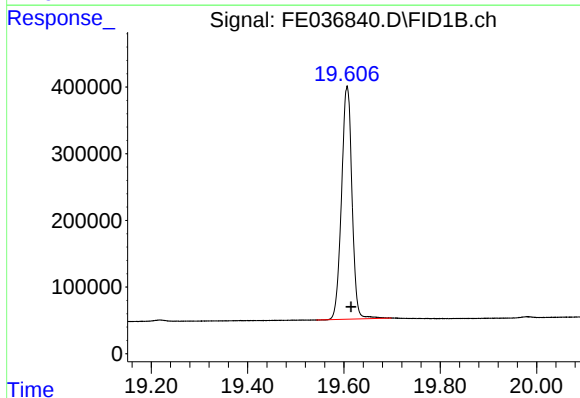
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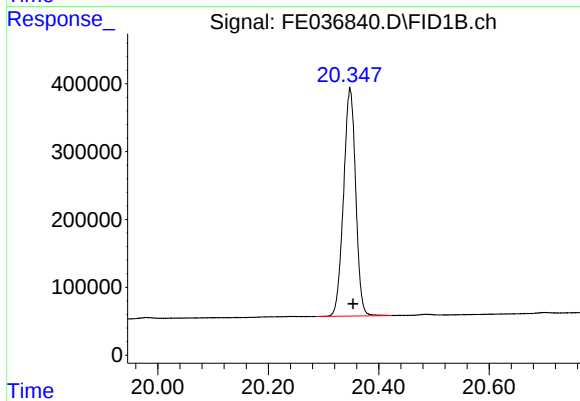
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.008 min
Response: 5351068
Conc: 44.49 ug/ml



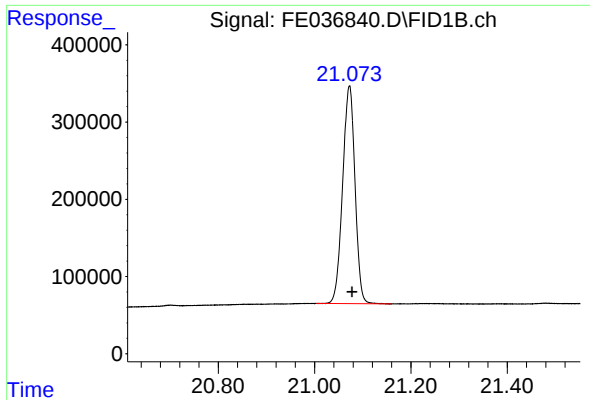
#19 n-Tetratriacontane (C34)

R.T.: 19.607 min
Delta R.T.: -0.008 min
Response: 5286039
Conc: 63.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.006 min
Response: 5123558
Conc: 87.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.006 min
Response: 5058990
Conc: 100.90 ug/ml

Instrument :

FID_E

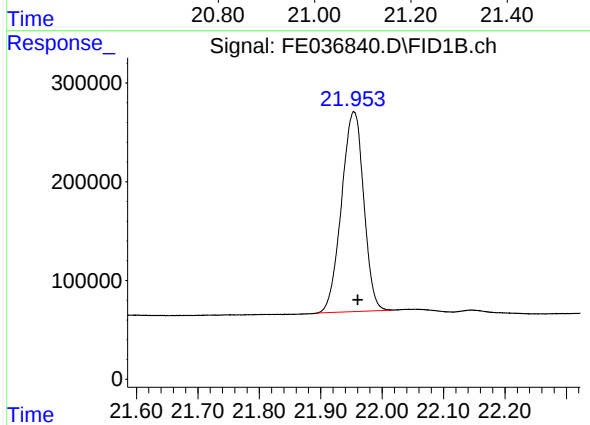
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#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: -0.008 min
Response: 5086263
Conc: 98.49 ug/ml m