

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032423AL\
 Data File : FE041007.D
 Signal(s) : FID1B.ch
 Acq On : 24 Mar 2023 16:50
 Operator : YP\AJ
 Sample : 02047-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

R-PITMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/27/2023

Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e

Quant Time: Mar 25 00:57:01 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M

Quant Title : GC Extractables

QLast Update : Tue Feb 28 03:05:09 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)	11.867	5041783	26.989 ug/ml
Spiked Amount 50.000		Recovery =	53.98%
12) S 1-chlorooctadecane (S...	13.306	4234694	28.612 ug/ml
Spiked Amount 50.000		Recovery =	57.22%
Target Compounds			
1) T n-Nonane (C9)	3.267	4612840	29.978 ug/ml
2) T n-Decane (C10)	4.514	5185699	34.469 ug/ml
3) T A~Naphthalene (C11.7)	6.213	5836945	35.190 ug/ml
4) T n-Dodecane (C12)	6.676	5713578	37.322 ug/ml
5) T A~2-methylnaphthalene...	7.309	5590688	36.940 ug/ml
6) T n-Tetradecane (C14)	8.504	5993321	38.778 ug/ml
7) T n-Hexadecane (C16)	10.110	6493404	40.202 ug/ml
8) T n-Octadecane (C18)	11.553	6566755	38.674 ug/ml
10) T n-Eicosane (C20)	12.863	6481470	38.314 ug/ml
11) T n-Heneicosane (C21)	13.474	6138769	35.824 ug/ml
13) T n-Docosane (C22)	14.061	6016628	35.121 ug/ml
14) T n-Tetracosane (C24)	15.160	11529311	66.879 ug/ml
15) T n-Hexacosane (C26)	16.188	5645716	33.218 ug/ml
16) T n-Octacosane (C28)	17.138	5711675	34.058 ug/ml
17) T n-Tricontane (C30)	18.030	5574087	34.137 ug/ml
18) T n-Dotriacontane (C32)	18.862	5495972	32.112 ug/ml
19) T n-Tetratriacontane (C34)	19.647	5470582	35.384 ug/ml
20) T n-Hexatriacontane (C36)	20.389	5378016	37.018 ug/ml
21) T n-Octatriacontane (C38)	21.118	5725162	41.650 ug/ml
22) T n-Tetracontane (C40)	22.009	5674235	36.721 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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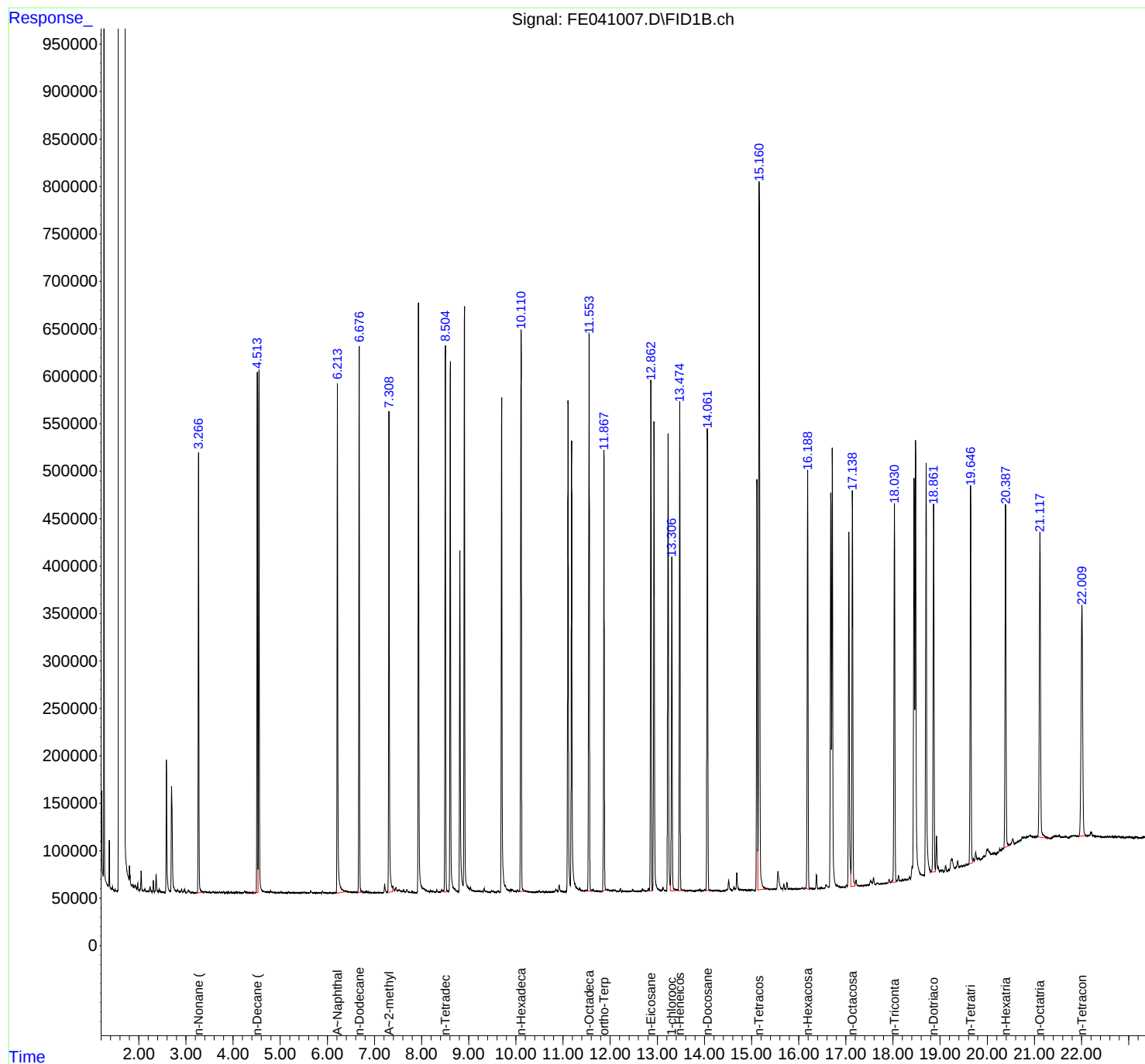
Instrument :
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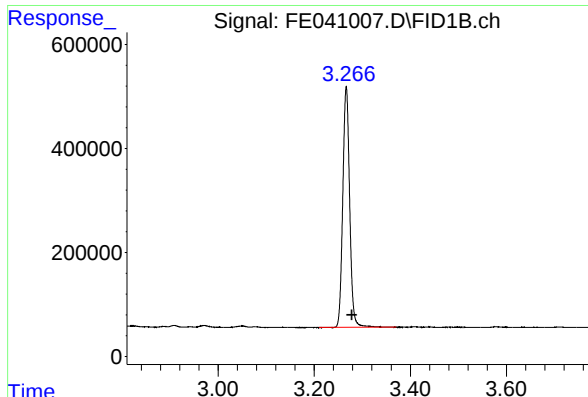
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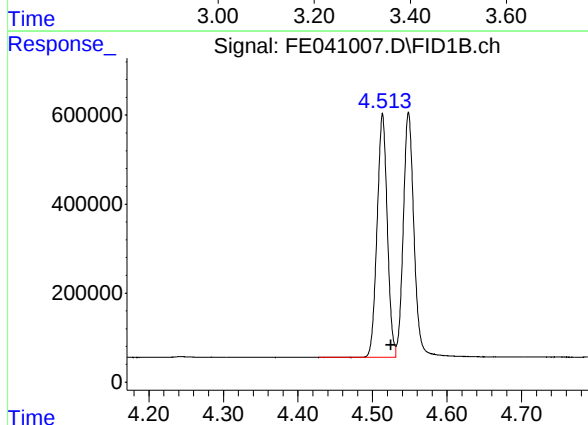
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: -0.012 min
Response: 4612840
Conc: 29.98 ug/ml

Instrument :
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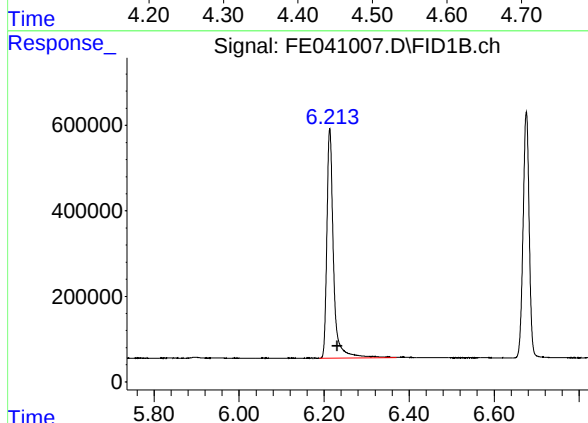
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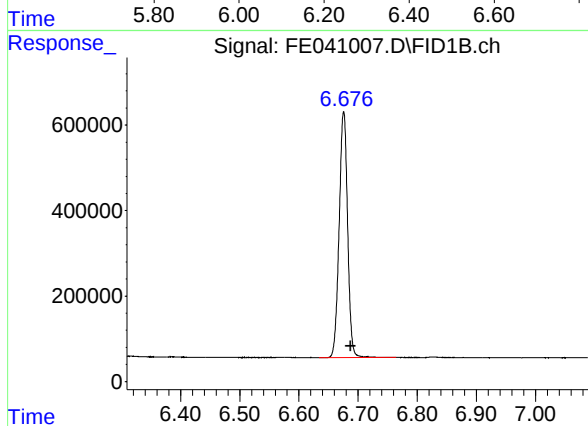
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.011 min
Response: 5185699
Conc: 34.47 ug/ml



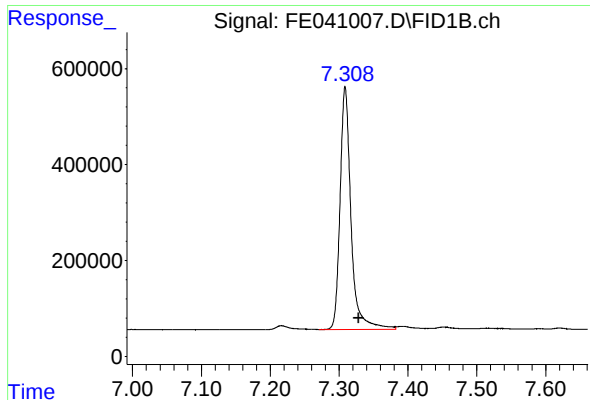
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.018 min
Response: 5836945
Conc: 35.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.676 min
Delta R.T.: -0.012 min
Response: 5713578
Conc: 37.32 ug/ml



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

R.T.: 7.309 min
Delta R.T.: -0.020 min
Response: 5590688
Conc: 36.94 ug/ml

Instrument :

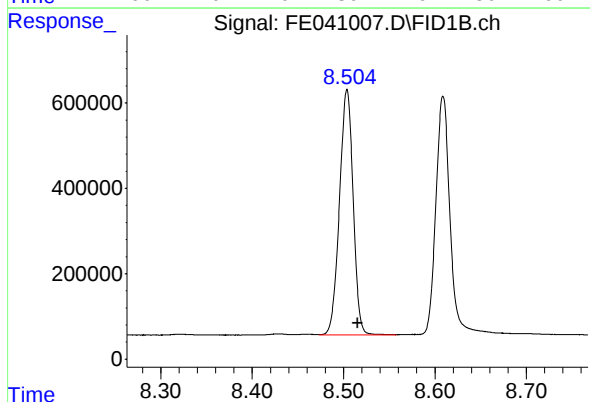
FID_E

ClientSampleId :

R-PITMS

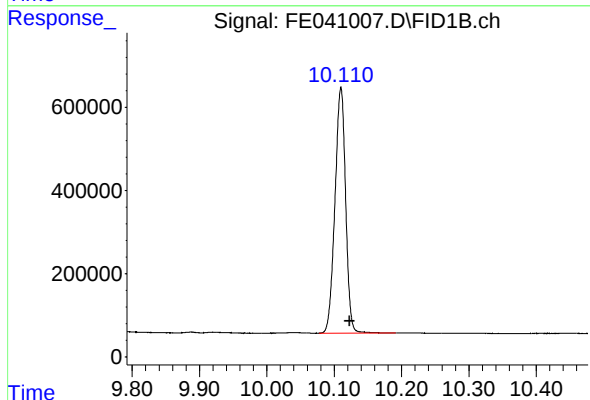
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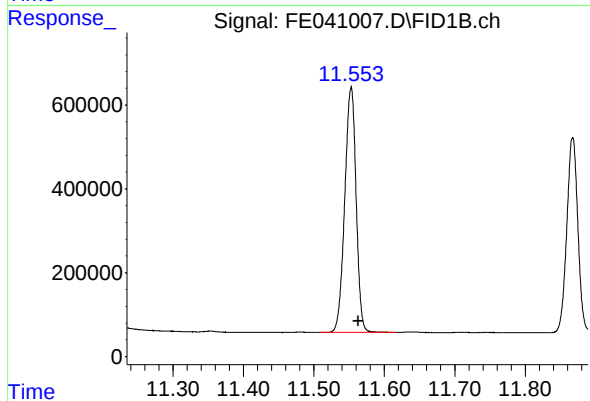
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.012 min
Response: 5993321
Conc: 38.78 ug/ml



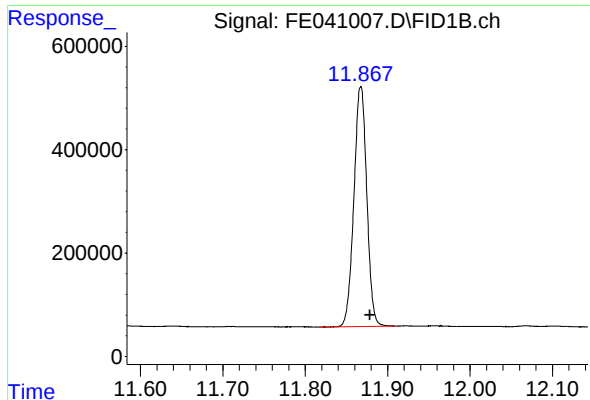
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.013 min
Response: 6493404
Conc: 40.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.553 min
Delta R.T.: -0.011 min
Response: 6566755
Conc: 38.67 ug/ml



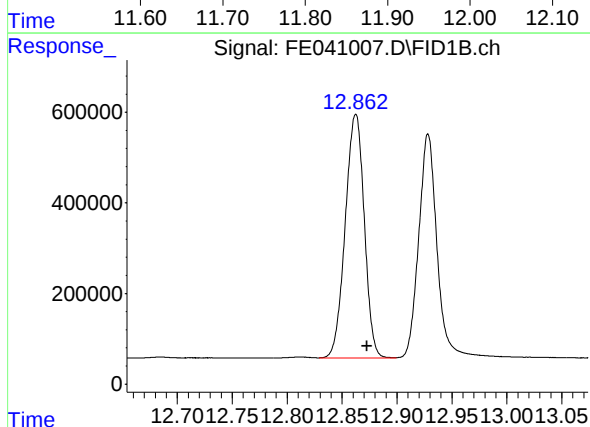
#9 ortho-Terphenyl (SURR)

R.T.: 11.867 min
Delta R.T.: -0.011 min
Response: 5041783
Conc: 26.99 ug/ml

Instrument :
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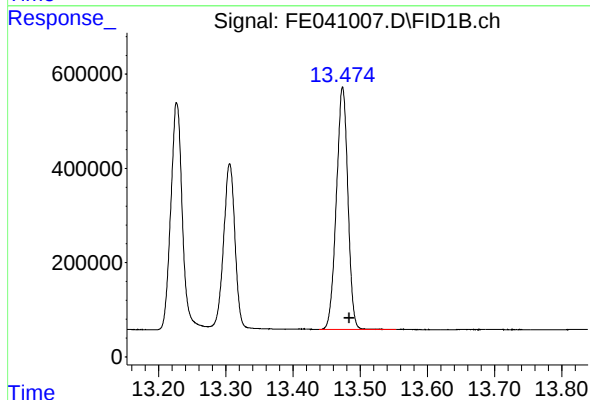
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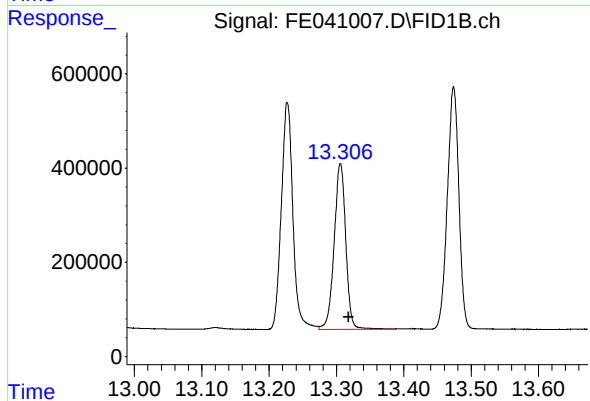
#10 n-Eicosane (C20)

R.T.: 12.863 min
Delta R.T.: -0.010 min
Response: 6481470
Conc: 38.31 ug/ml



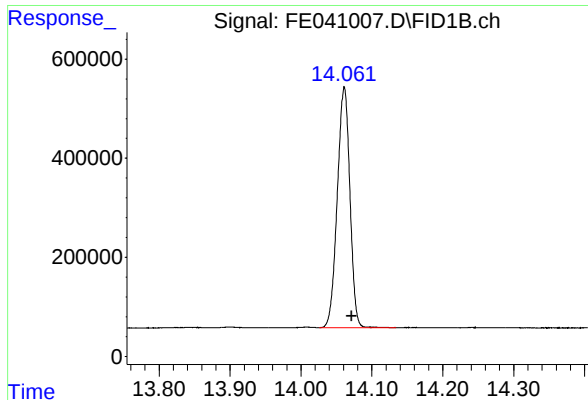
#11 n-Heneicosane (C21)

R.T.: 13.474 min
Delta R.T.: -0.010 min
Response: 6138769
Conc: 35.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.306 min
Delta R.T.: -0.012 min
Response: 4234694
Conc: 28.61 ug/ml



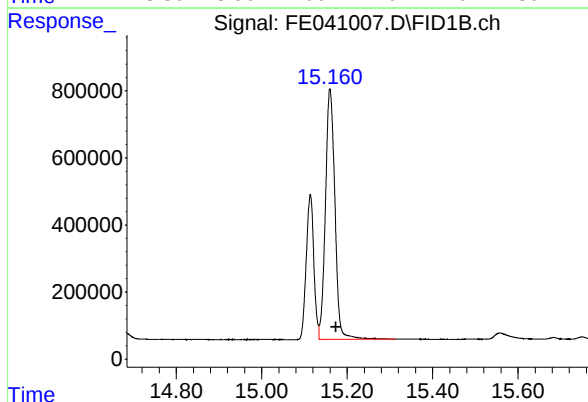
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.010 min
Response: 6016628
Conc: 35.12 ug/ml

Instrument :
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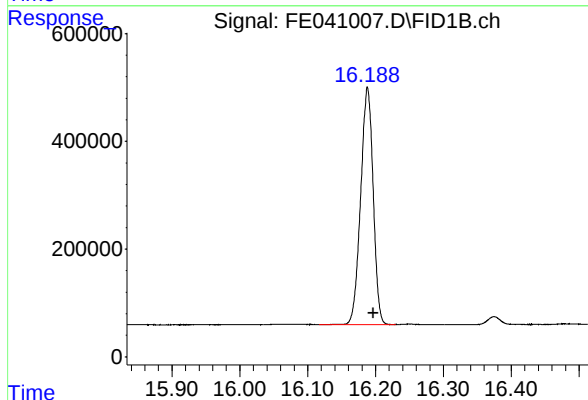
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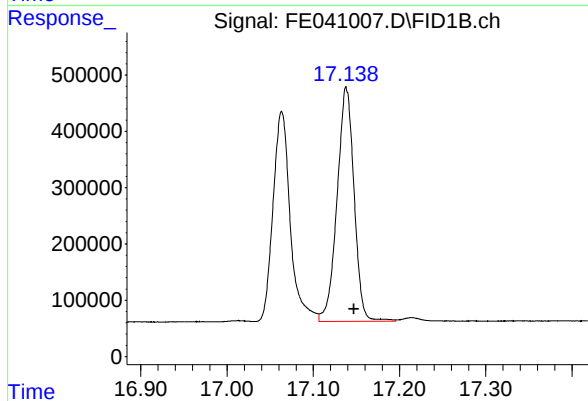
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: -0.014 min
Response: 11529311
Conc: 66.88 ug/ml



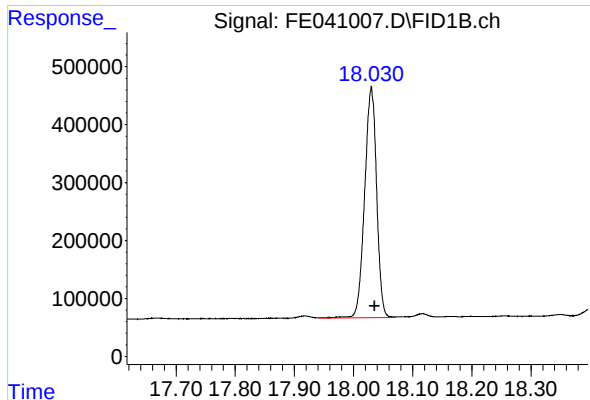
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: -0.008 min
Response: 5645716
Conc: 33.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: -0.009 min
Response: 5711675
Conc: 34.06 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: -0.006 min
Response: 5574087
Conc: 34.14 ug/ml

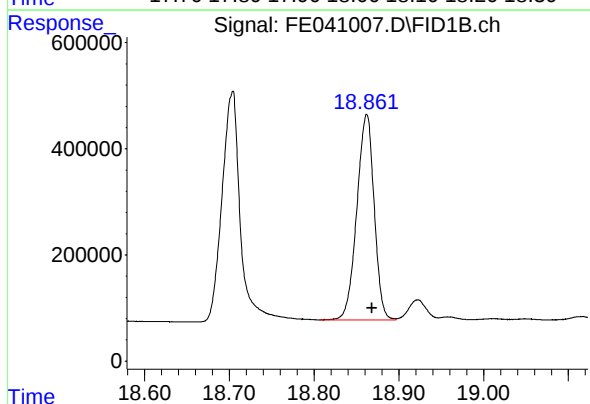
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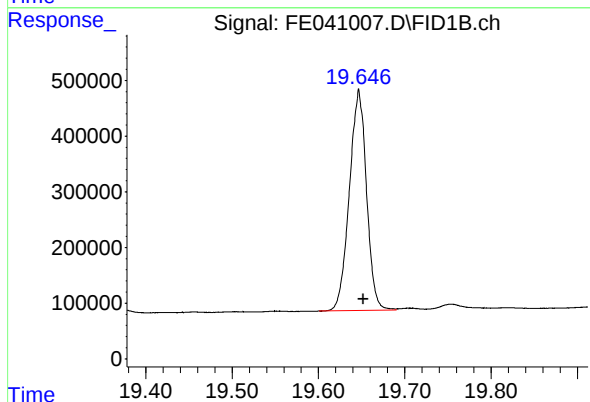
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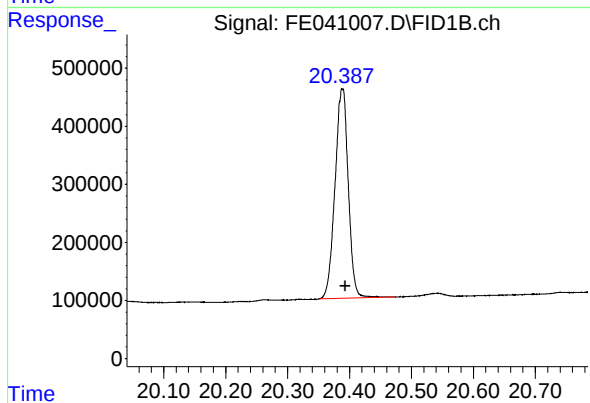
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: -0.006 min
Response: 5495972
Conc: 32.11 ug/ml



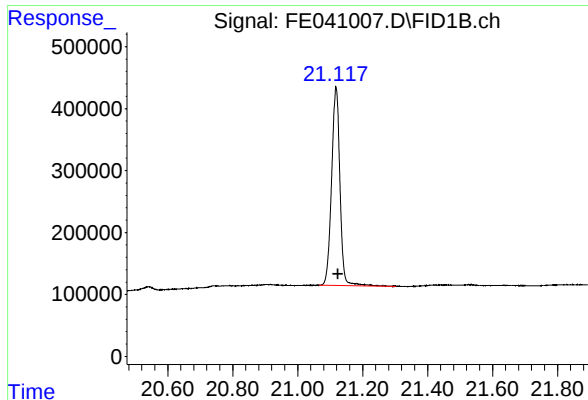
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: -0.005 min
Response: 5470582
Conc: 35.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.389 min
Delta R.T.: -0.005 min
Response: 5378016
Conc: 37.02 ug/ml



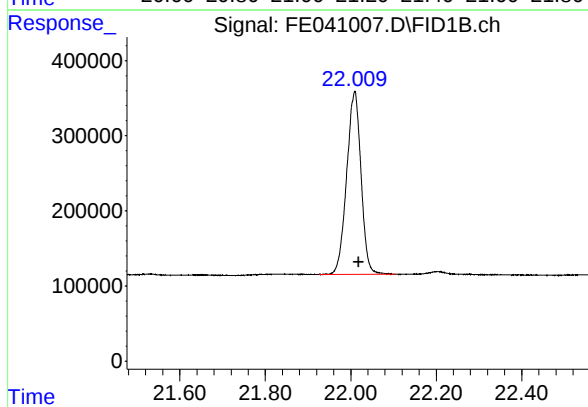
#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: -0.006 min
Response: 5725162
Conc: 41.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: -0.009 min
Response: 5674235
Conc: 36.72 ug/ml m