

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101123AL\
 Data File : FE044780.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2023 15:10
 Operator : YP\AJ
 Sample : PB156290BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB156290BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :Ankita Jodhani 10/12/2023

Integration File: sample.E
 Quant Time: Oct 12 00:37:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.917	10312852	54.932 ug/ml
Spiked Amount 50.000		Recovery =	109.86%
12) S 1-chlorooctadecane (S...	13.358	8038521	59.088 ug/ml
Spiked Amount 50.000		Recovery =	118.18%
Target Compounds			
1) T n-Nonane (C9)	3.304	5276122	32.498 ug/ml
2) T n-Decane (C10)	4.552	5785014	34.936 ug/ml
3) T A~Naphthalene (C11.7)	6.250	6789428	37.975 ug/ml
4) T n-Dodecane (C12)	6.715	6506922	39.120 ug/ml
5) T A~2-methylnaphthalene...	7.346	7068734	41.316 ug/ml
6) T n-Tetradecane (C14)	8.544	7402090	45.089 ug/ml
7) T n-Hexadecane (C16)	10.154	8031097	47.407 ug/ml
8) T n-Octadecane (C18)	11.600	8203624	48.317 ug/ml
10) T n-Eicosane (C20)	12.912	8187589	50.889 ug/ml
11) T n-Heneicosane (C21)	13.525	7824559	49.970 ug/ml
13) T n-Docosane (C22)	14.112	7718061	50.042 ug/ml
14) T n-Tetracosane (C24)	15.200	14699422	97.240 ug/mlm
15) T n-Hexacosane (C26)	16.242	7267393	49.406 ug/ml
16) T n-Octacosane (C28)	17.192	7198691	50.192 ug/ml
17) T n-Tricontane (C30)	18.083	7054101	47.588 ug/ml
18) T n-Dotriacontane (C32)	18.914	6935098	46.847 ug/ml
19) T n-Tetratriacontane (C34)	19.700	6767328	46.306 ug/ml
20) T n-Hexatriacontane (C36)	20.441	6241396	43.028 ug/ml
21) T n-Octatriacontane (C38)	21.183	6017893	40.176 ug/ml
22) T n-Tetracontane (C40)	22.102	5813851	36.841 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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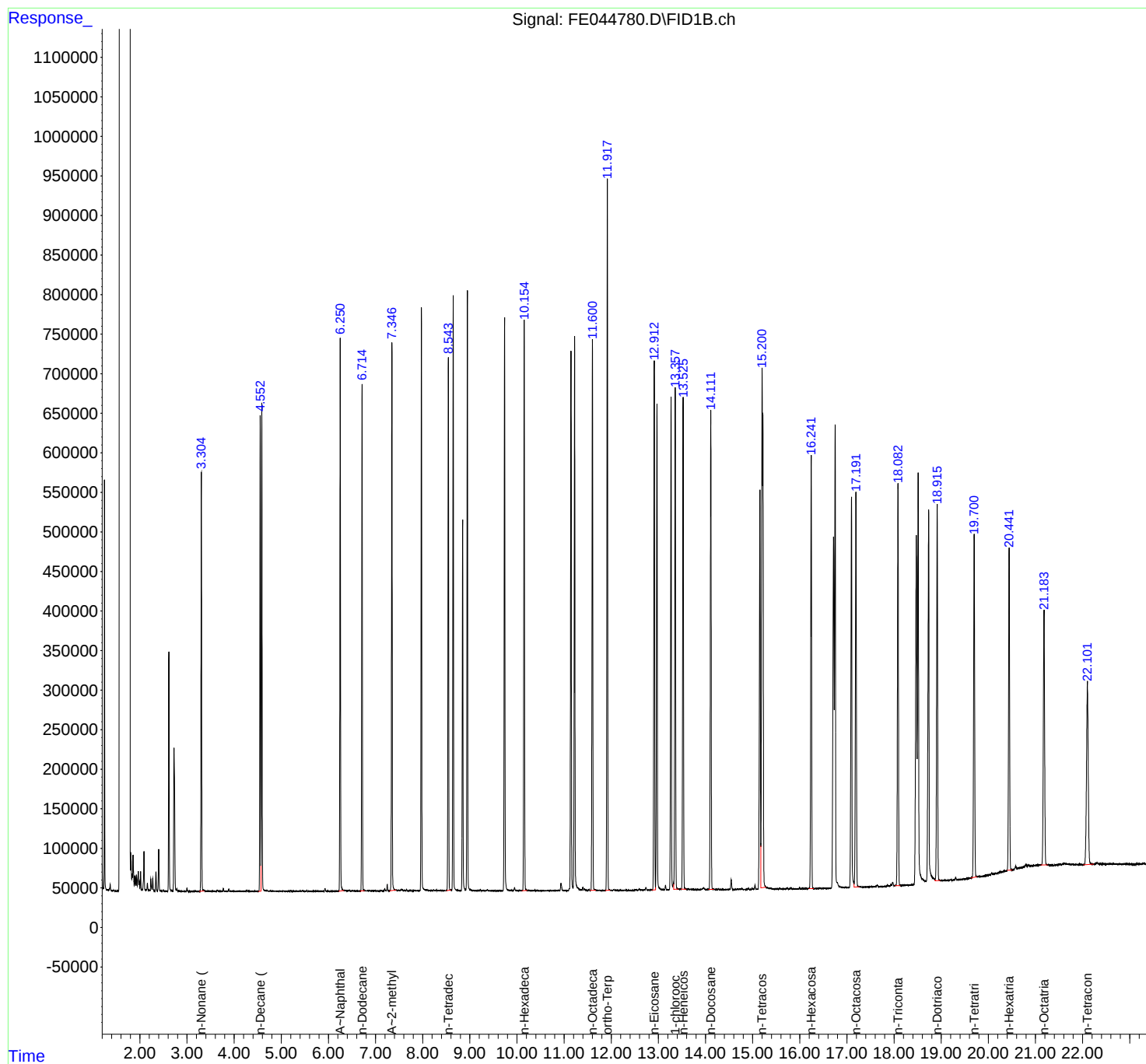
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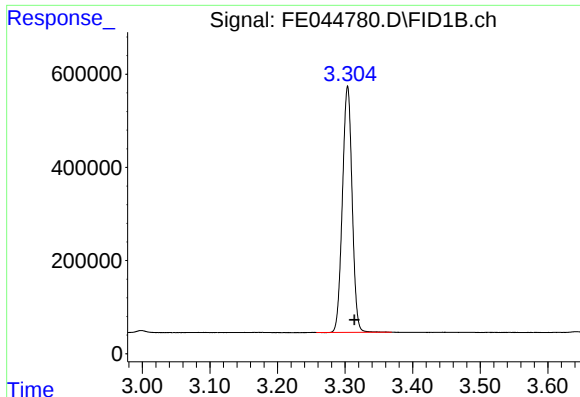
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#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.010 min
Response: 5276122
Conc: 32.50 ug/ml

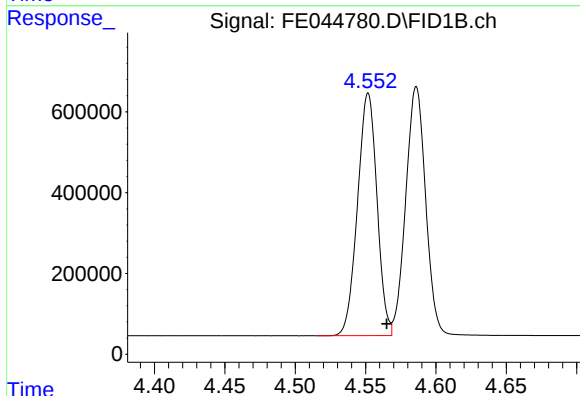
Instrument :

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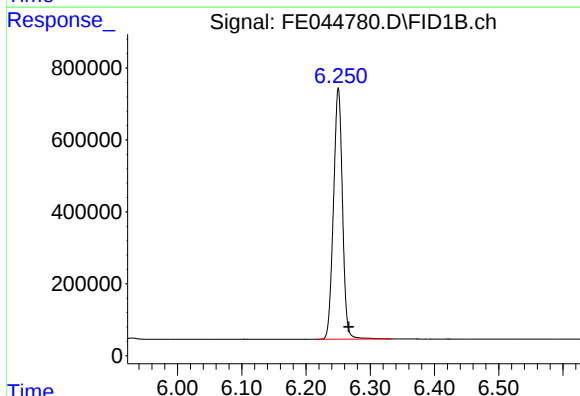
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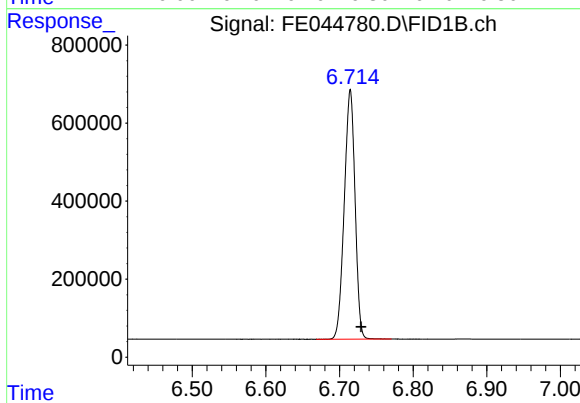
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: -0.013 min
Response: 5785014
Conc: 34.94 ug/ml



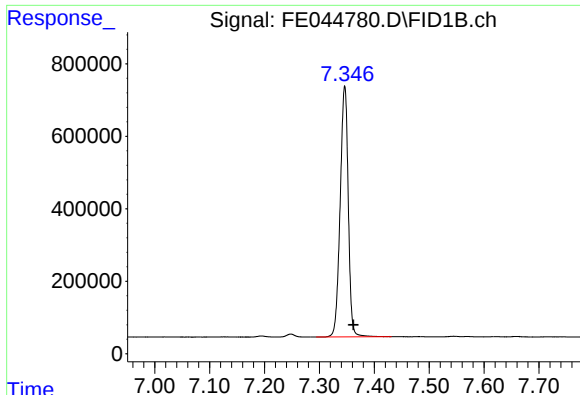
#3 A~Naphthalene (C11.7)

R.T.: 6.250 min
Delta R.T.: -0.016 min
Response: 6789428
Conc: 37.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.715 min
Delta R.T.: -0.014 min
Response: 6506922
Conc: 39.12 ug/ml



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

R.T.: 7.346 min
Delta R.T.: -0.016 min
Response: 7068734
Conc: 41.32 ug/ml

Instrument :

FID_E

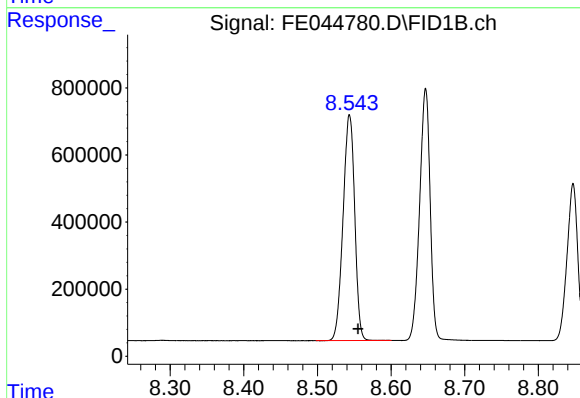
ClientSampleId :

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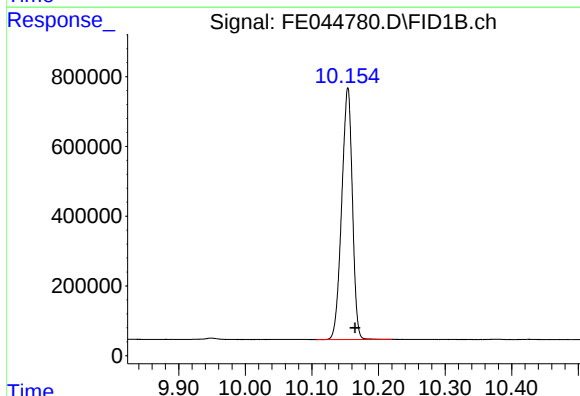
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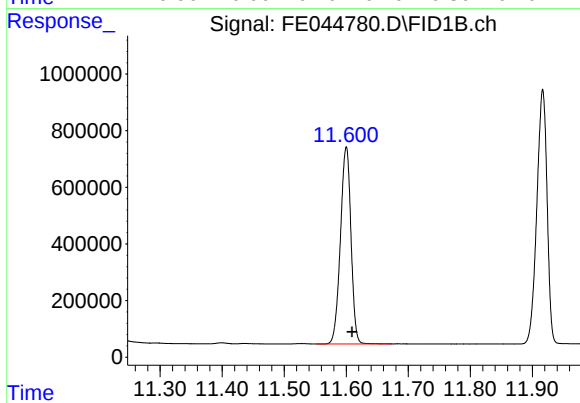
#6 n-Tetradecane (C14)

R.T.: 8.544 min
Delta R.T.: -0.012 min
Response: 7402090
Conc: 45.09 ug/ml



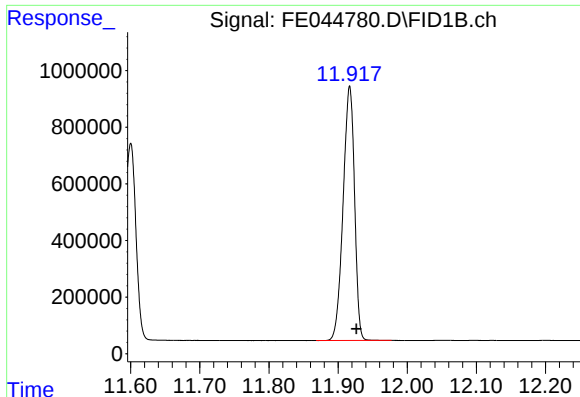
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: -0.011 min
Response: 8031097
Conc: 47.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: -0.009 min
Response: 8203624
Conc: 48.32 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: -0.009 min
Response: 10312852
Conc: 54.93 ug/ml

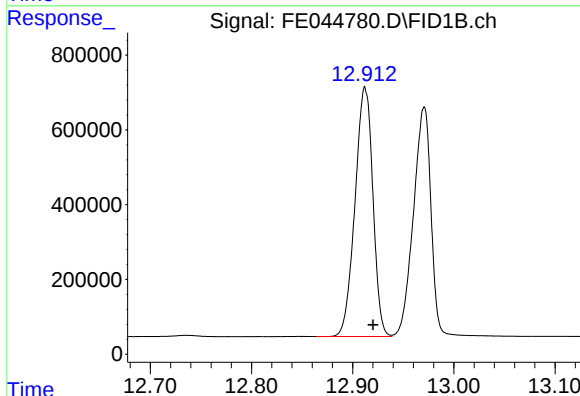
Instrument :

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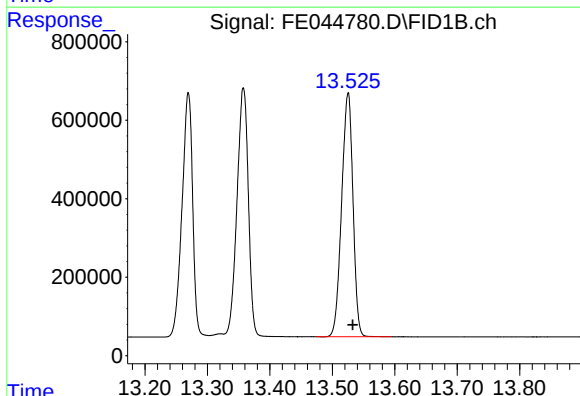
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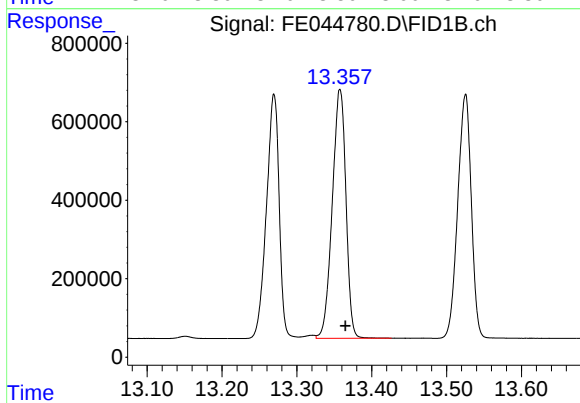
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: -0.008 min
Response: 8187589
Conc: 50.89 ug/ml



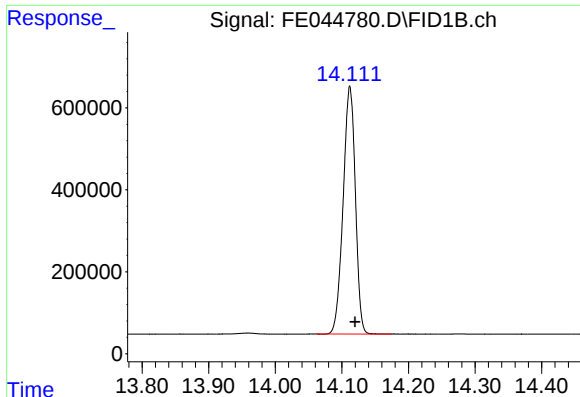
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: -0.007 min
Response: 7824559
Conc: 49.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.007 min
Response: 8038521
Conc: 59.09 ug/ml



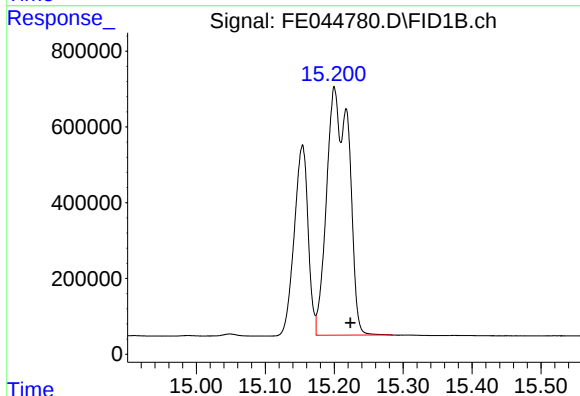
#13 n-Docosane (C22)

R.T.: 14.112 min
Delta R.T.: -0.008 min
Response: 7718061
Conc: 50.04 ug/ml

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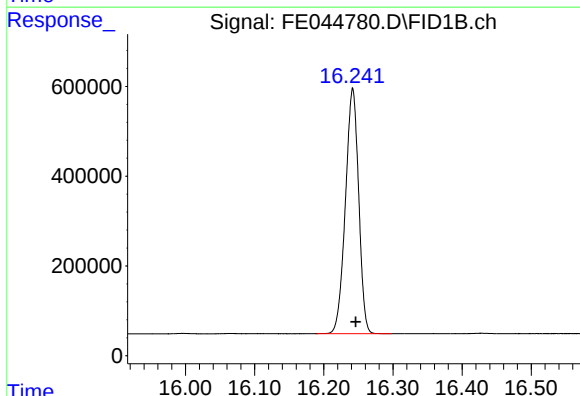
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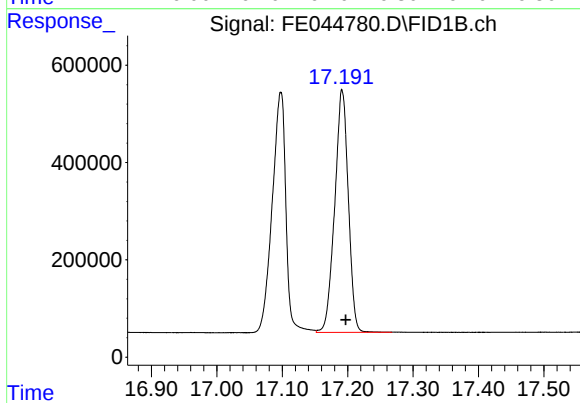
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.024 min
Response: 14699422
Conc: 97.24 ug/ml m



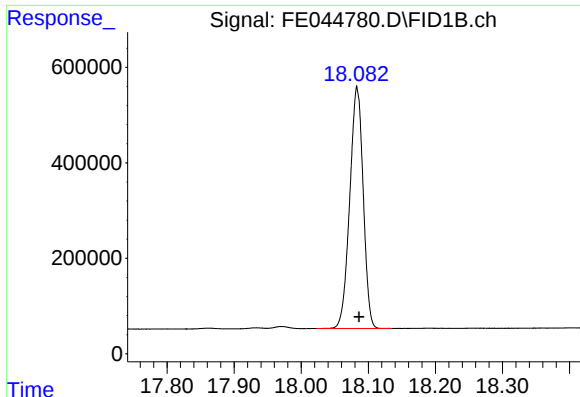
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: -0.004 min
Response: 7267393
Conc: 49.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: -0.006 min
Response: 7198691
Conc: 50.19 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.083 min
Delta R.T.: -0.003 min
Response: 7054101
Conc: 47.59 ug/ml

Instrument :

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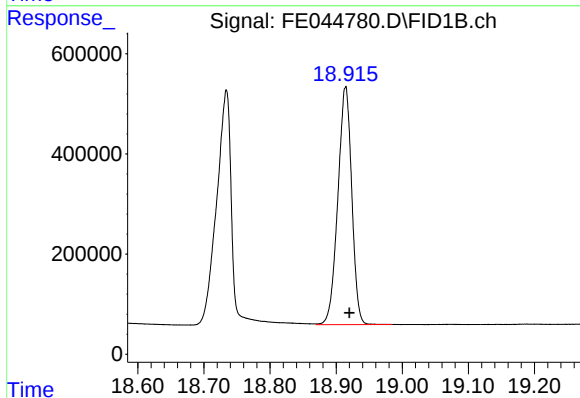
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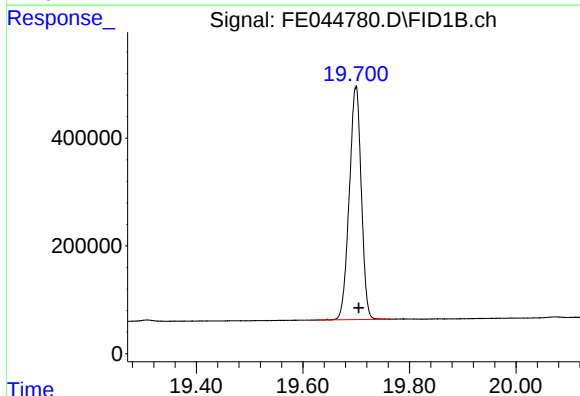
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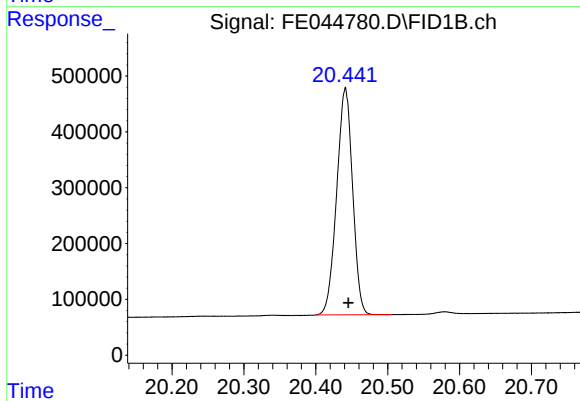
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.005 min
Response: 6935098
Conc: 46.85 ug/ml



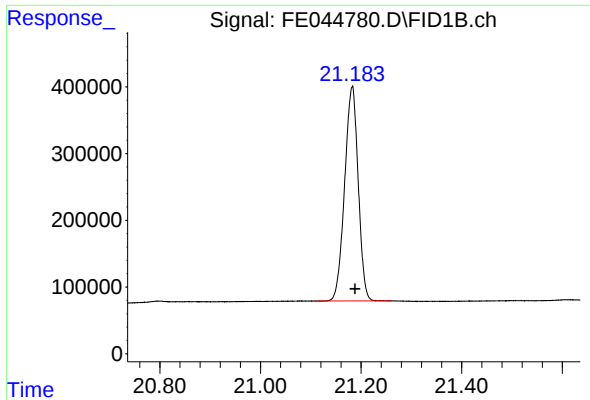
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.005 min
Response: 6767328
Conc: 46.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: -0.004 min
Response: 6241396
Conc: 43.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.006 min
Response: 6017893
Conc: 40.18 ug/ml

Instrument :

FID_E

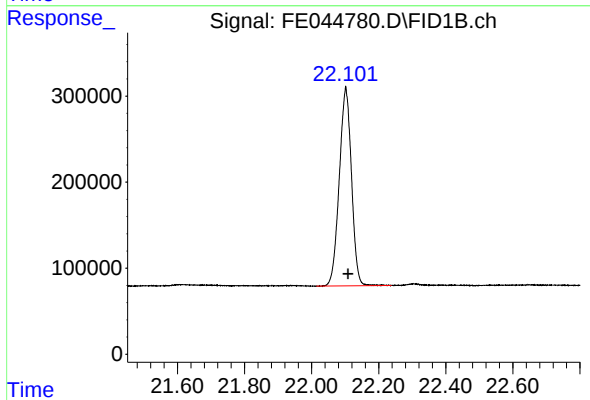
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#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.007 min
Response: 5813851
Conc: 36.84 ug/ml