

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101123AL\
 Data File : FE044781.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2023 15:41
 Operator : YP\AJ
 Sample : PB156290BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB156290BSD

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 00:38:03 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)	11.918	9910764	52.790 ug/ml
Spiked Amount 50.000		Recovery =	105.58%
12) S 1-chlorooctadecane (S...	13.358	7817671	57.464 ug/ml
Spiked Amount 50.000		Recovery =	114.93%
Target Compounds			
1) T n-Nonane (C9)	3.303	5037091	31.026 ug/ml
2) T n-Decane (C10)	4.552	5517598	33.321 ug/ml
3) T A~Naphthalene (C11.7)	6.250	6495950	36.334 ug/ml
4) T n-Dodecane (C12)	6.715	6220096	37.396 ug/ml
5) T A~2-methylnaphthalene...	7.347	6768467	39.561 ug/ml
6) T n-Tetradecane (C14)	8.545	7080598	43.130 ug/ml
7) T n-Hexadecane (C16)	10.154	7692522	45.409 ug/ml
8) T n-Octadecane (C18)	11.601	7875871	46.386 ug/ml
10) T n-Eicosane (C20)	12.913	7876454	48.956 ug/ml
11) T n-Heneicosane (C21)	13.526	7539594	48.150 ug/ml
13) T n-Docosane (C22)	14.113	7433995	48.200 ug/ml
14) T n-Tetracosane (C24)	15.200	14216155	94.043 ug/mlm
15) T n-Hexacosane (C26)	16.243	7029401	47.788 ug/ml
16) T n-Octacosane (C28)	17.192	6941623	48.400 ug/ml
17) T n-Tricontane (C30)	18.084	6798007	45.860 ug/ml
18) T n-Dotriacontane (C32)	18.915	6665907	45.029 ug/ml
19) T n-Tetratriacontane (C34)	19.699	6501065	44.484 ug/ml
20) T n-Hexatriacontane (C36)	20.440	5929983	40.881 ug/ml
21) T n-Octatriacontane (C38)	21.181	5754039	38.414 ug/ml
22) T n-Tetracontane (C40)	22.100	5518930	34.972 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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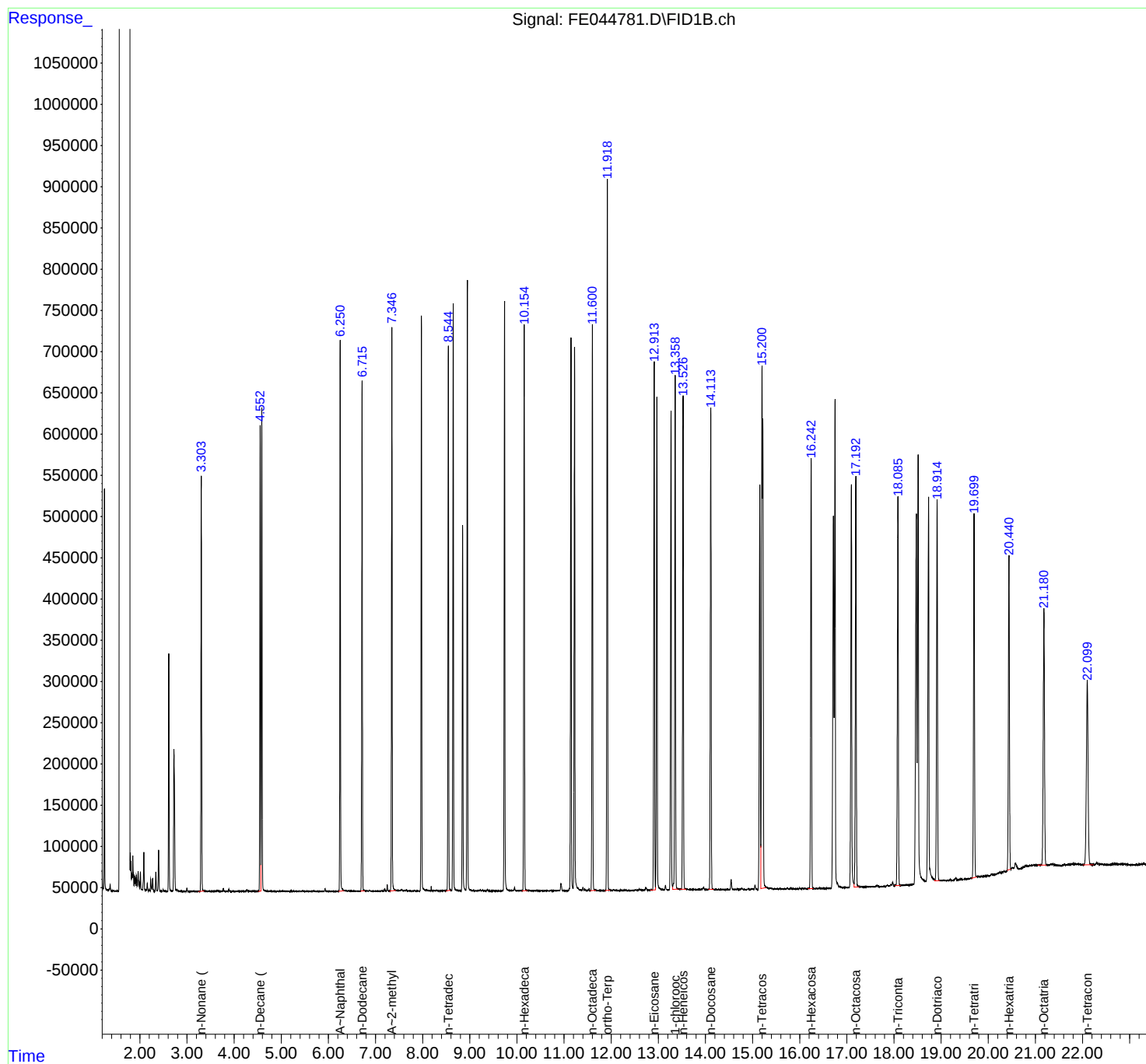
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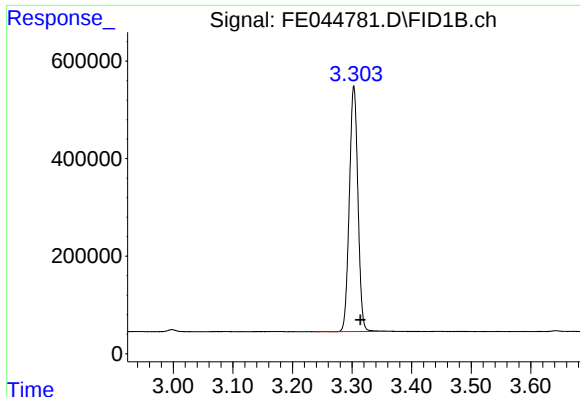
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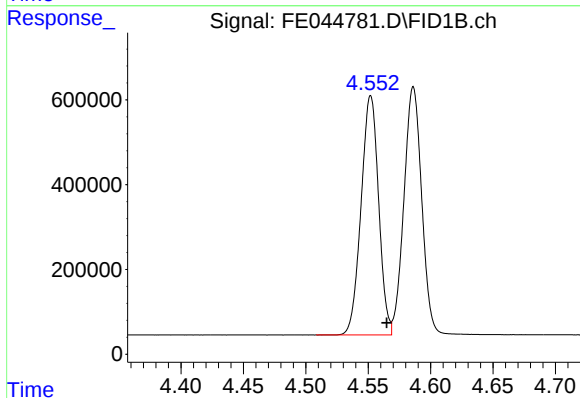
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.011 min
Response: 5037091
Conc: 31.03 ug/ml

Instrument :
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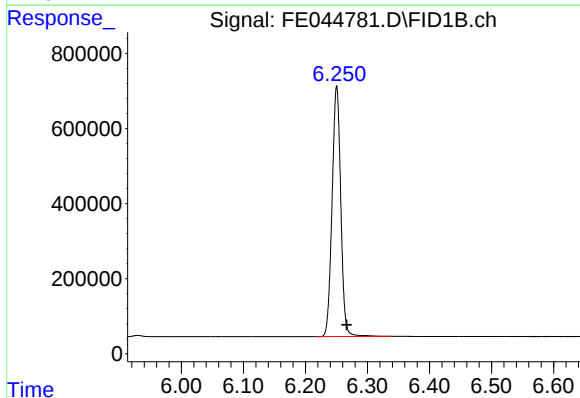
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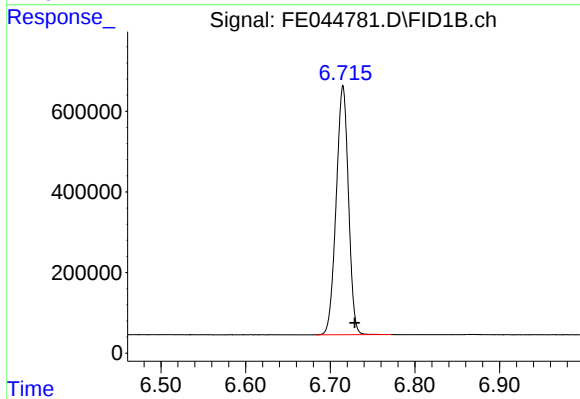
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: -0.013 min
Response: 5517598
Conc: 33.32 ug/ml



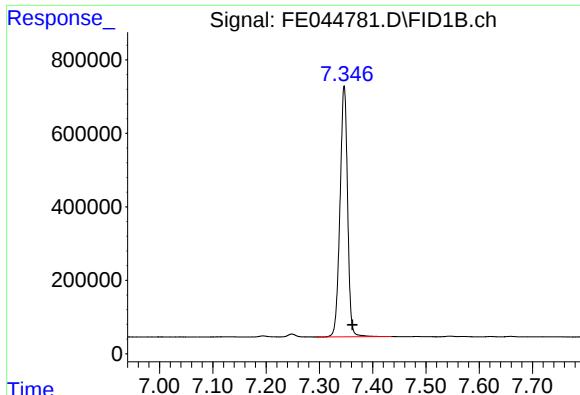
#3 A~Naphthalene (C11.7)

R.T.: 6.250 min
Delta R.T.: -0.016 min
Response: 6495950
Conc: 36.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.715 min
Delta R.T.: -0.014 min
Response: 6220096
Conc: 37.40 ug/ml



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

R.T.: 7.347 min
Delta R.T.: -0.015 min
Response: 6768467
Conc: 39.56 ug/ml

Instrument :

FID_E

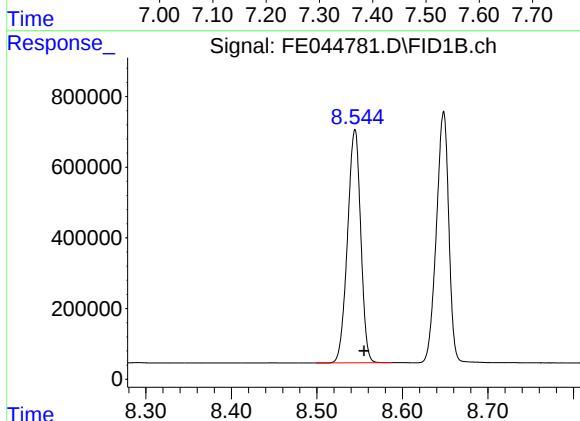
ClientSampleId :

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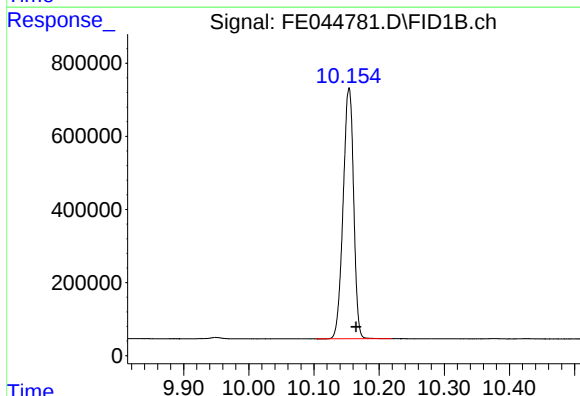
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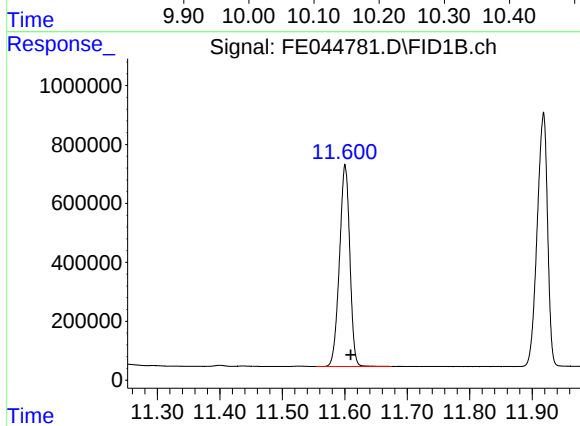
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.011 min
Response: 7080598
Conc: 43.13 ug/ml



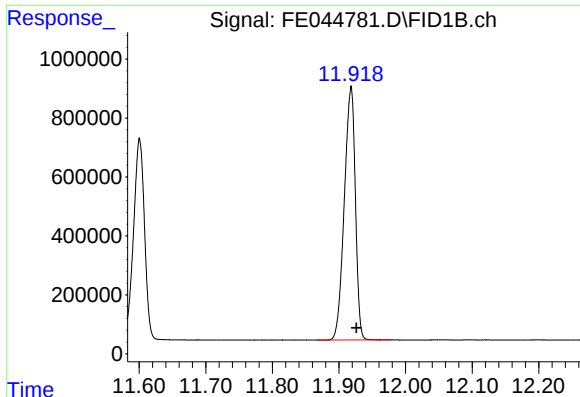
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: -0.011 min
Response: 7692522
Conc: 45.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: -0.009 min
Response: 7875871
Conc: 46.39 ug/ml



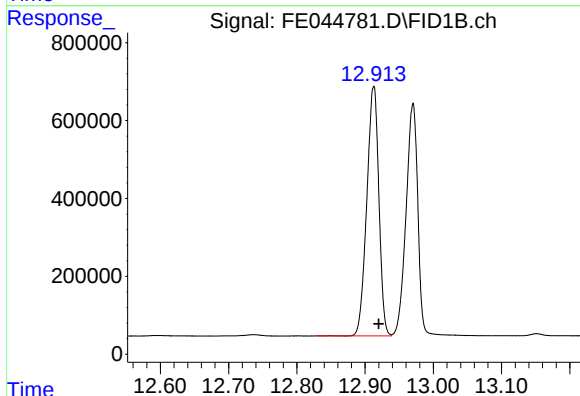
#9 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: -0.008 min
Response: 9910764
Conc: 52.79 ug/ml

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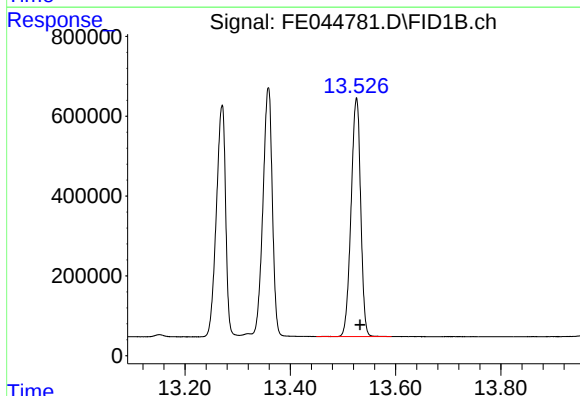
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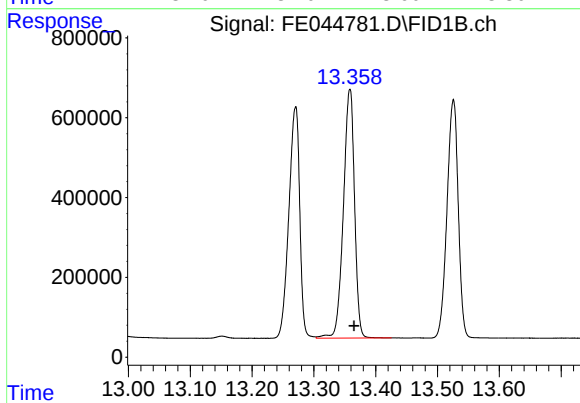
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.007 min
Response: 7876454
Conc: 48.96 ug/ml



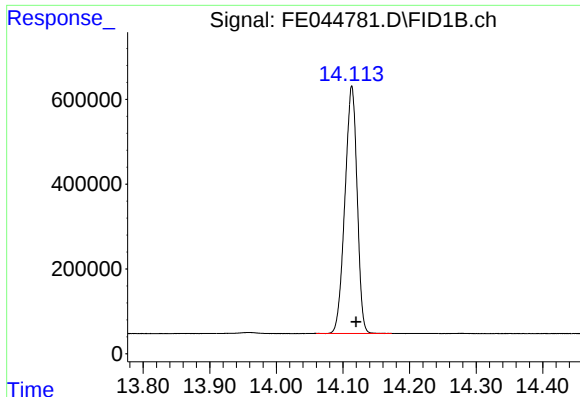
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: -0.007 min
Response: 7539594
Conc: 48.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.007 min
Response: 7817671
Conc: 57.46 ug/ml



#13 n-Docosane (C22)

R.T.: 14.113 min
Delta R.T.: -0.007 min
Response: 7433995
Conc: 48.20 ug/ml

Instrument :

FID_E

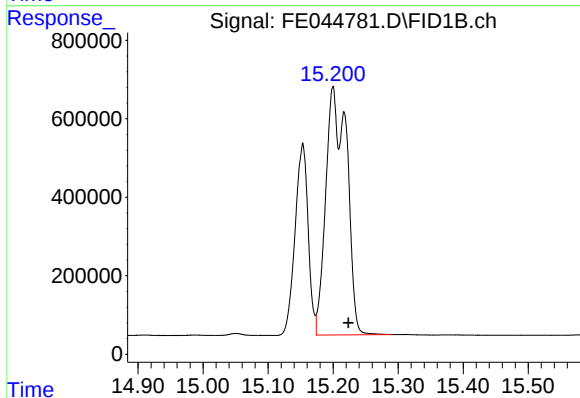
ClientSampleId :

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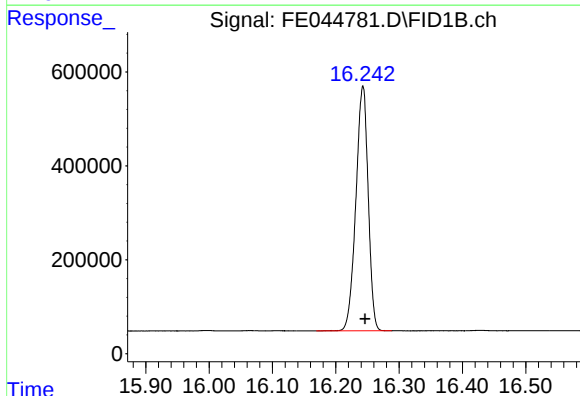
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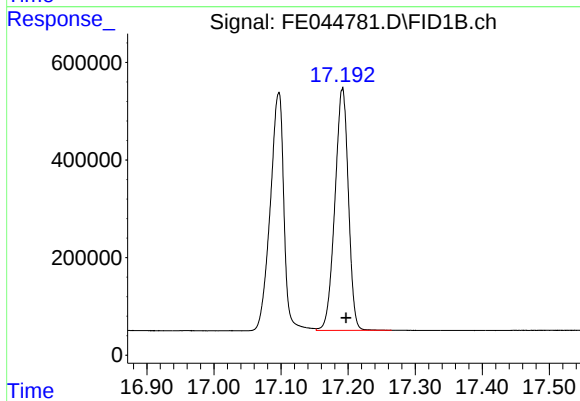
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.023 min
Response: 14216155
Conc: 94.04 ug/ml m



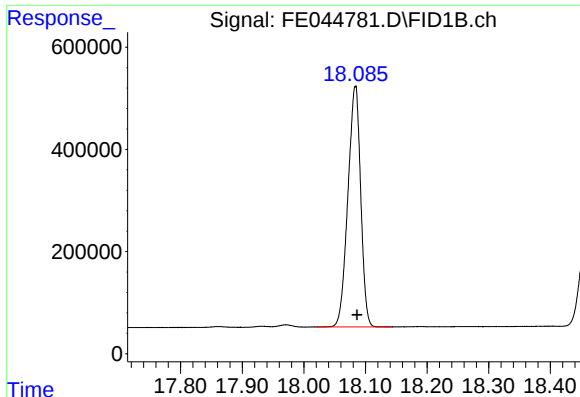
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: -0.003 min
Response: 7029401
Conc: 47.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: -0.005 min
Response: 6941623
Conc: 48.40 ug/ml



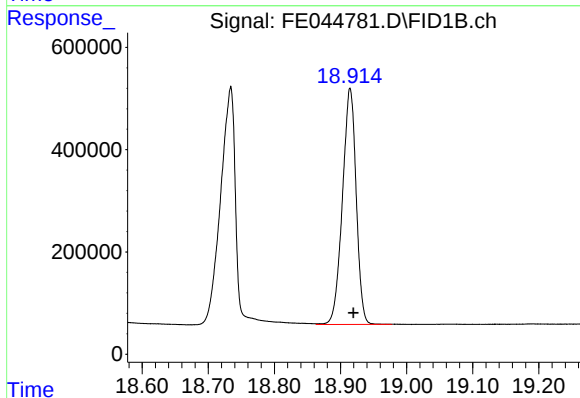
#17 n-Tricontane (C30)

R.T.: 18.084 min
Delta R.T.: -0.003 min
Response: 6798007
Conc: 45.86 ug/ml

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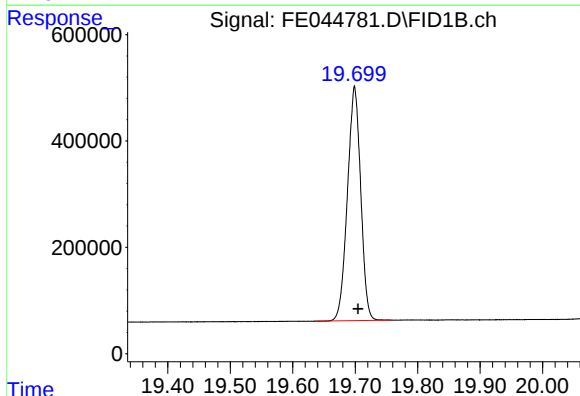
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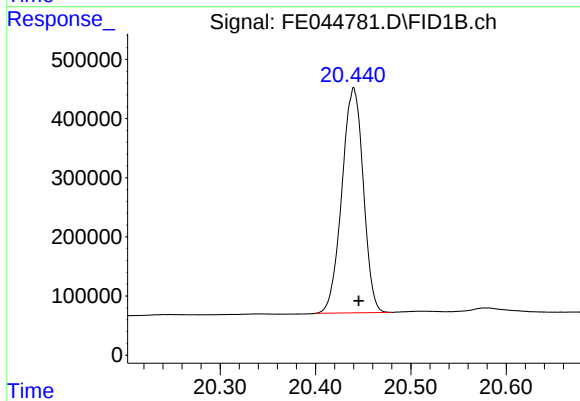
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.005 min
Response: 6665907
Conc: 45.03 ug/ml



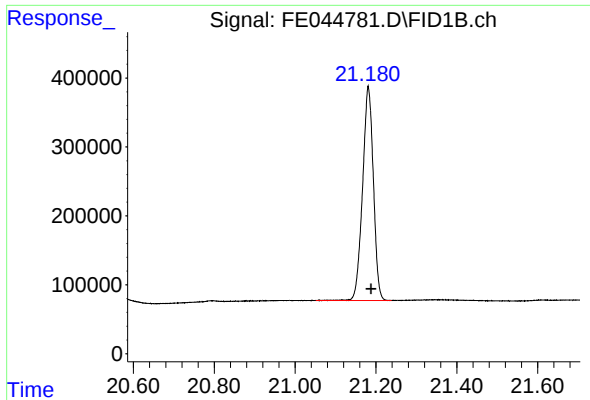
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: -0.006 min
Response: 6501065
Conc: 44.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: -0.005 min
Response: 5929983
Conc: 40.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: -0.007 min
Response: 5754039
Conc: 38.41 ug/ml

Instrument :

FID_E

ClientSampleId :

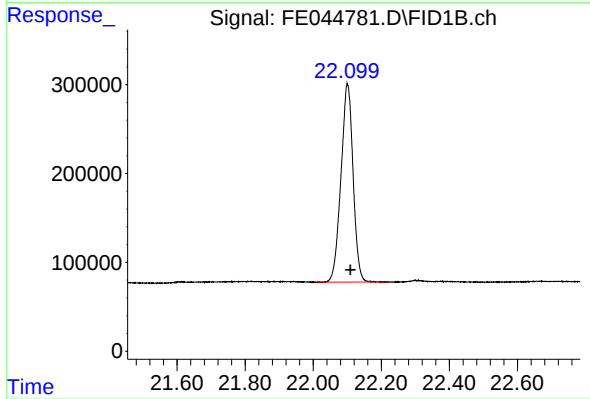
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#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.009 min
Response: 5518930
Conc: 34.97 ug/ml