

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052124AL\
 Data File : FE048304.D
 Signal(s) : FID1B.ch
 Acq On : 21 May 2024 14:00
 Operator : YP\AJ
 Sample : PB161027BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB161027BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/22/2024

Supervised By :Ankita Jodhani 05/22/2024

Integration File: autoint1.e

Quant Time: May 22 02:25:01 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M

Quant Title : GC Extractables

QLast Update : Mon Apr 29 03:29:12 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)	11.960	7465275	51.747 ug/ml
Spiked Amount 50.000		Recovery =	103.49%
12) S 1-chlorooctadecane (S...	13.393	6267089	56.086 ug/ml
Spiked Amount 50.000		Recovery =	112.17%
Target Compounds			
1) T n-Nonane (C9)	3.354	5255535	40.779 ug/ml
2) T n-Decane (C10)	4.598	5594549	42.494 ug/ml
3) T A~Naphthalene (C11.7)	6.300	6236890	45.168 ug/ml
4) T n-Dodecane (C12)	6.759	5673986	42.562 ug/ml
5) T A~2-methylnaphthalene...	7.396	6393044	48.041 ug/ml
6) T n-Tetradecane (C14)	8.589	6354137	47.948 ug/ml
7) T n-Hexadecane (C16)	10.195	7021751	51.055 ug/ml
8) T n-Octadecane (C18)	11.638	7147154	51.309 ug/ml
10) T n-Eicosane (C20)	12.948	7127978	52.940 ug/ml
11) T n-Heneicosane (C21)	13.558	6884603	52.008 ug/ml
13) T n-Docosane (C22)	14.144	6828297	51.526 ug/ml
14) T n-Tetracosane (C24)	15.239	12422772	93.297 ug/ml
15) T n-Hexacosane (C26)	16.267	6783205	50.832 ug/ml
16) T n-Octacosane (C28)	17.215	6959607	52.270 ug/ml
17) T n-Tricontane (C30)	18.102	6925859	50.182 ug/ml
18) T n-Dotriacontane (C32)	18.932	7027382	50.877 ug/ml
19) T n-Tetratriacontane (C34)	19.715	7070734	51.906 ug/ml
20) T n-Hexatriacontane (C36)	20.455	6968164	51.464 ug/mlm
21) T n-Octatriacontane (C38)	21.193	7066560	51.182 ug/ml
22) T n-Tetracontane (C40)	22.113	6748310	48.437 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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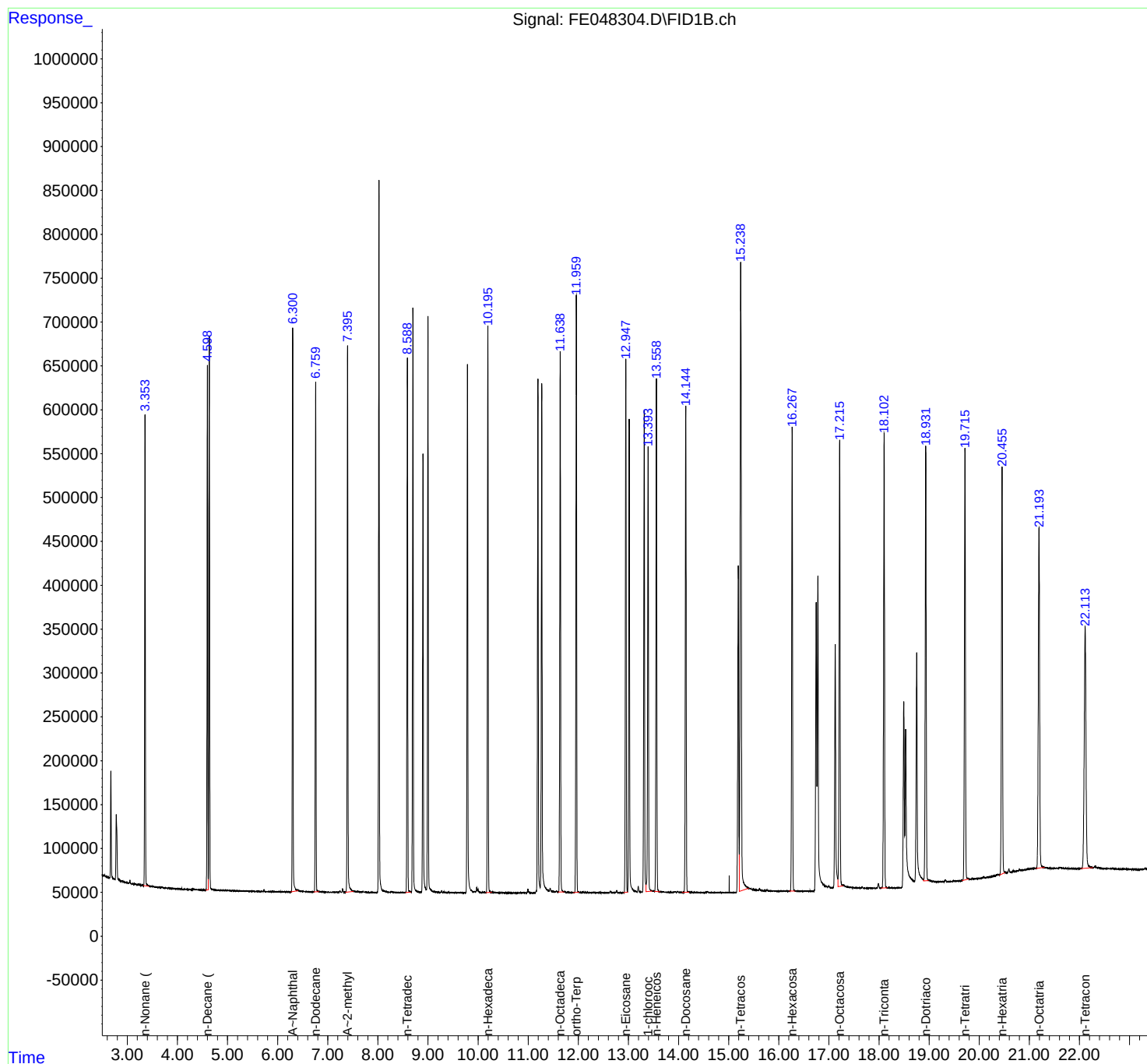
Instrument :
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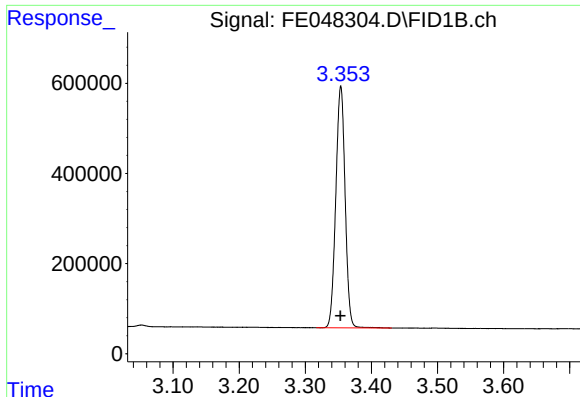
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: 0.000 min
Response: 5255535
Conc: 40.78 ug/ml

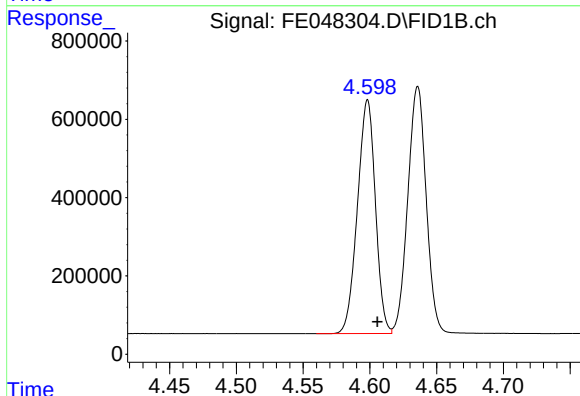
Instrument :

FID_E

ClientSampleId :
PB161027BS

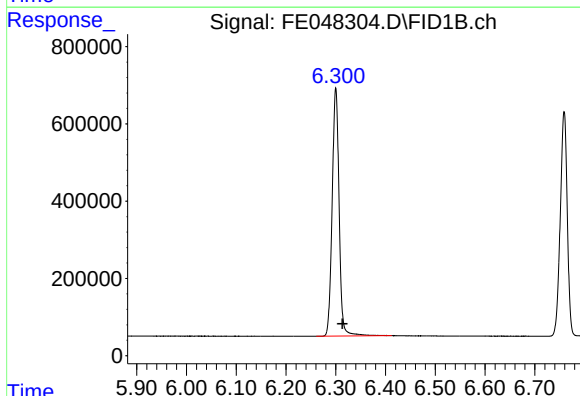
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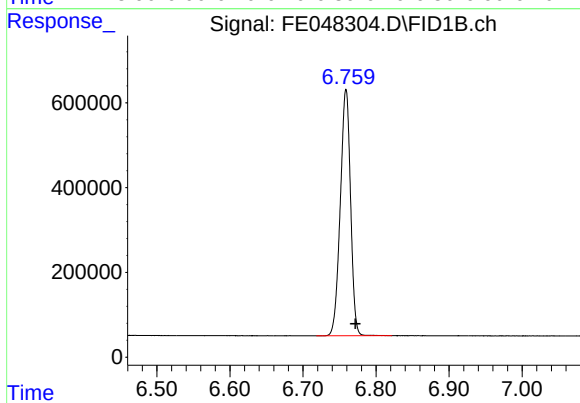
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.007 min
Response: 5594549
Conc: 42.49 ug/ml



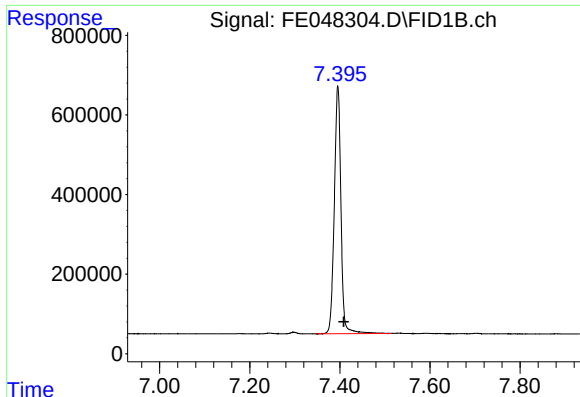
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.013 min
Response: 6236890
Conc: 45.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.759 min
Delta R.T.: -0.013 min
Response: 5673986
Conc: 42.56 ug/ml



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

R.T.: 7.396 min
Delta R.T.: -0.013 min
Response: 6393044
Conc: 48.04 ug/ml

Instrument :

FID_E

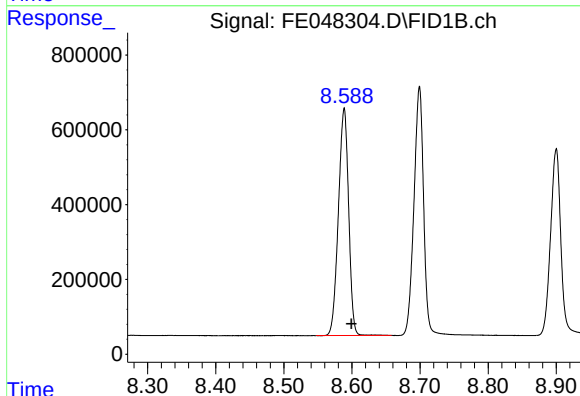
ClientSampleId :

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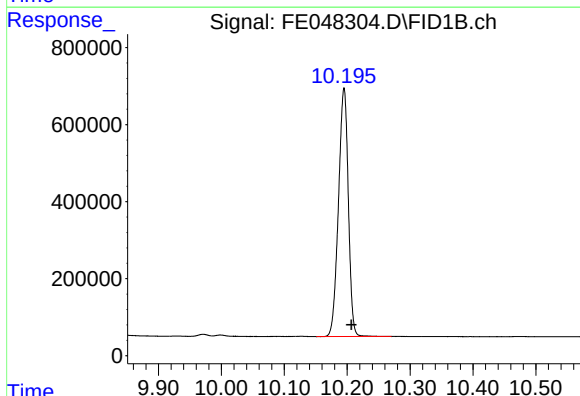
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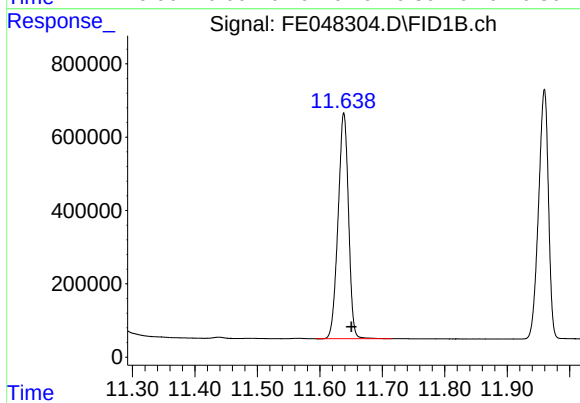
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: -0.011 min
Response: 6354137
Conc: 47.95 ug/ml



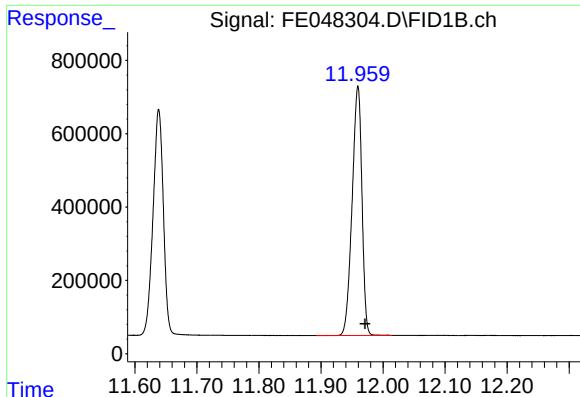
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: -0.012 min
Response: 7021751
Conc: 51.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.638 min
Delta R.T.: -0.012 min
Response: 7147154
Conc: 51.31 ug/ml



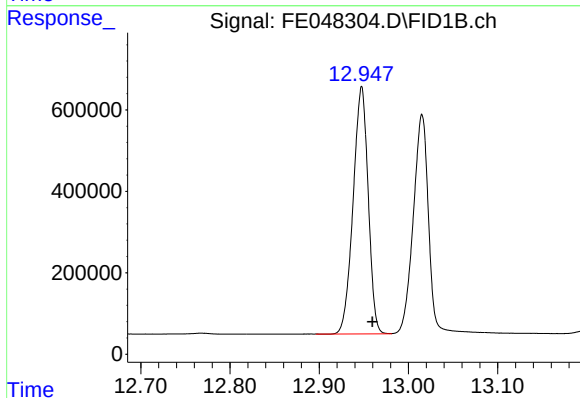
#9 ortho-Terphenyl (SURR)

R.T.: 11.960 min
Delta R.T.: -0.011 min
Response: 7465275
Conc: 51.75 ug/ml

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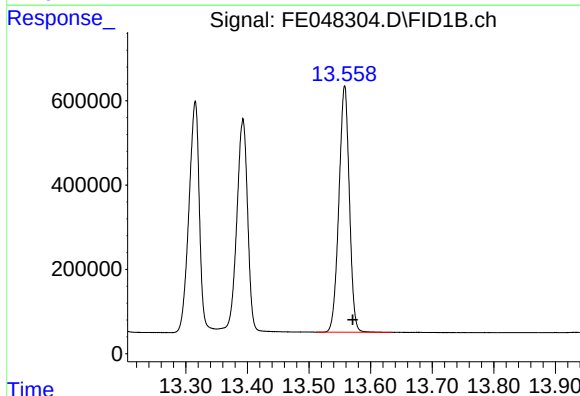
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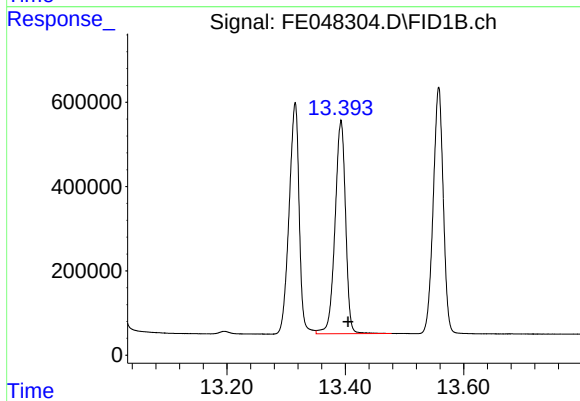
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.012 min
Response: 7127978
Conc: 52.94 ug/ml



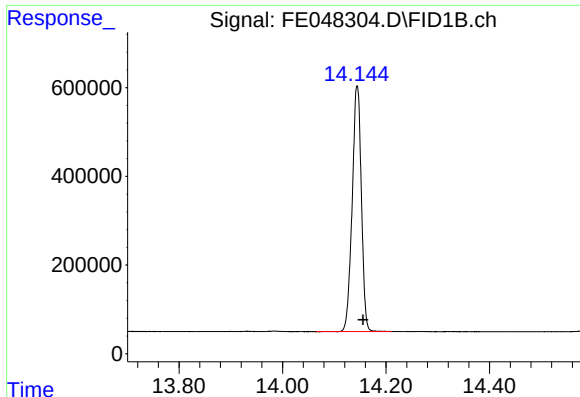
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.013 min
Response: 6884603
Conc: 52.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min
Delta R.T.: -0.012 min
Response: 6267089
Conc: 56.09 ug/ml



#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 6828297
Conc: 51.53 ug/ml

Instrument :

FID_E

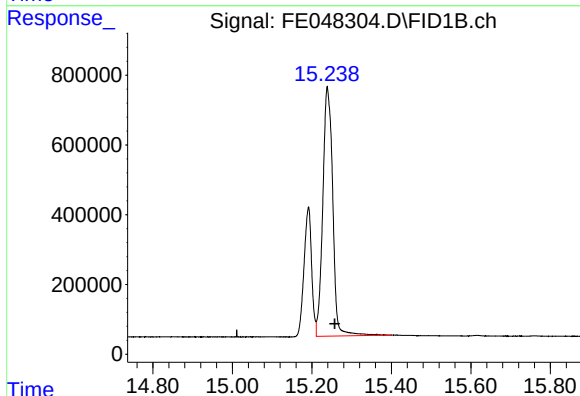
ClientSampleId :

PB161027BS

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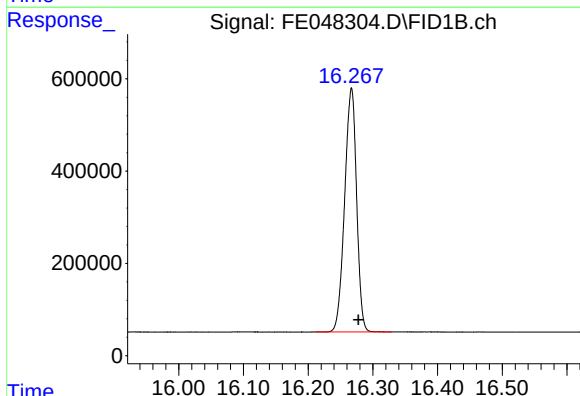
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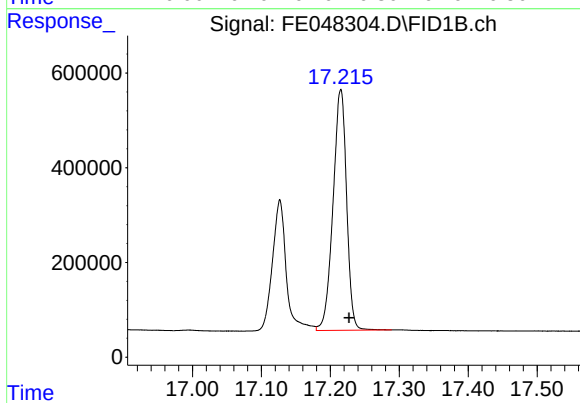
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: -0.019 min
Response: 12422772
Conc: 93.30 ug/ml



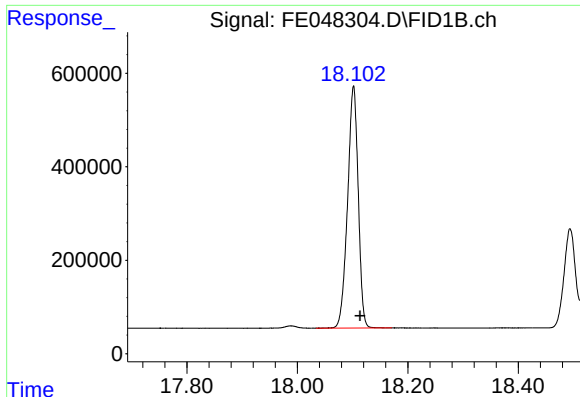
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: -0.011 min
Response: 6783205
Conc: 50.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.215 min
Delta R.T.: -0.012 min
Response: 6959607
Conc: 52.27 ug/ml



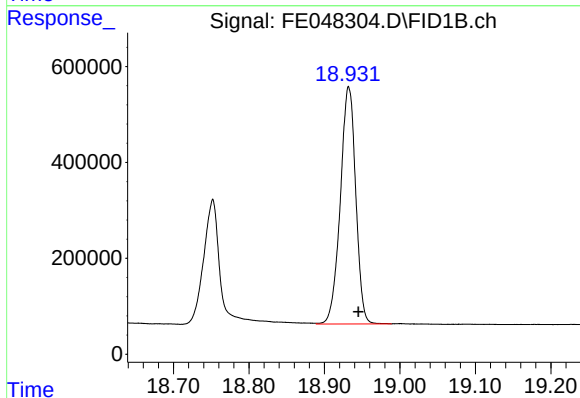
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: -0.012 min
Response: 6925859
Conc: 50.18 ug/ml

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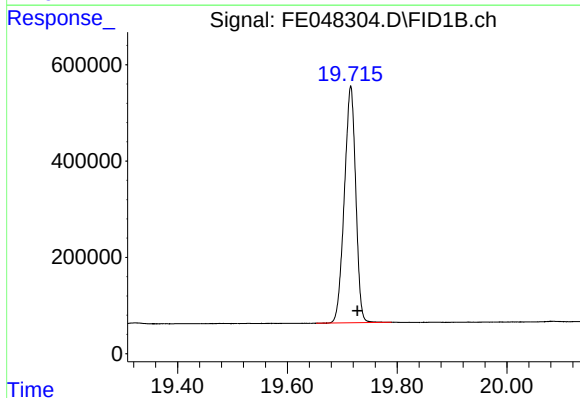
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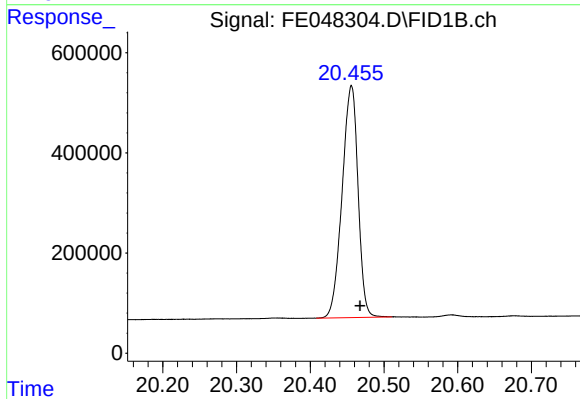
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.013 min
Response: 7027382
Conc: 50.88 ug/ml



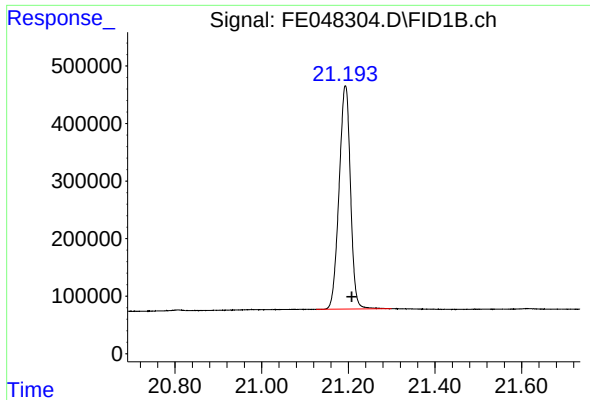
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.012 min
Response: 7070734
Conc: 51.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.012 min
Response: 6968164
Conc: 51.46 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.014 min
Response: 7066560
Conc: 51.18 ug/ml

Instrument :

FID_E

ClientSampleId :

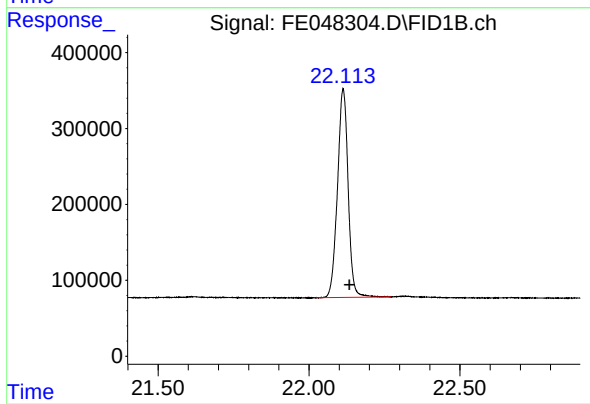
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#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: -0.021 min
Response: 6748310
Conc: 48.44 ug/ml