

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092322AL\
 Data File : FE037754.D
 Signal(s) : FID1B.ch
 Acq On : 23 Sep 2022 16:58
 Operator : YP\AJ
 Sample : PB147866BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB147866BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/26/2022

Supervised By :Ankita Jodhani 09/26/2022

Integration File: autoint1.e

Quant Time: Sep 24 17:18:47 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M

Quant Title : GC Extractables

QLast Update : Tue Aug 30 06:54:11 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)	11.626	6488555	38.396 ug/ml
Spiked Amount 50.000		Recovery =	76.79%
12) S 1-chlorooctadecane (S...	13.049	5206706	40.456 ug/ml
Spiked Amount 50.000		Recovery =	80.91%
Target Compounds			
1) T n-Nonane (C9)	3.027	5753255	37.602 ug/ml
2) T n-Decane (C10)	4.280	6037921	39.162 ug/mlm
3) T A~Naphthalene (C11.7)	5.991	6388064	44.340 ug/ml
4) T n-Dodecane (C12)	6.449	6523492	41.253 ug/ml
5) T A~2-methylnaphthalene...	7.084	6292273	45.069 ug/ml
6) T n-Tetradecane (C14)	9.869	6595248	41.623 ug/ml
7) T n-Hexadecane (C16)	9.869	6595248	41.623 ug/ml
8) T n-Octadecane (C18)	11.305	6574954	41.289 ug/ml
10) T n-Eicosane (C20)	12.607	6256190	39.541 ug/ml
11) T n-Heneicosane (C21)	13.216	6144124	38.963 ug/ml
13) T n-Docosane (C22)	13.799	6022865	38.690 ug/ml
14) T n-Tetracosane (C24)	14.898	11765456	78.226 ug/ml
15) T n-Hexacosane (C26)	15.914	5715330	39.470 ug/ml
16) T n-Octacosane (C28)	16.857	6045981	43.641 ug/ml
17) T n-Tricontane (C30)	17.741	5599093	41.160 ug/ml
18) T n-Dotriacontane (C32)	18.568	5855890	43.854 ug/ml
19) T n-Tetratriacontane (C34)	19.349	5755249	45.486 ug/ml
20) T n-Hexatriacontane (C36)	20.087	5647983	43.914 ug/ml
21) T n-Octatriacontane (C38)	20.783	6117552	49.153 ug/ml
22) T n-Tetracontane (C40)	21.563	5784835	44.873 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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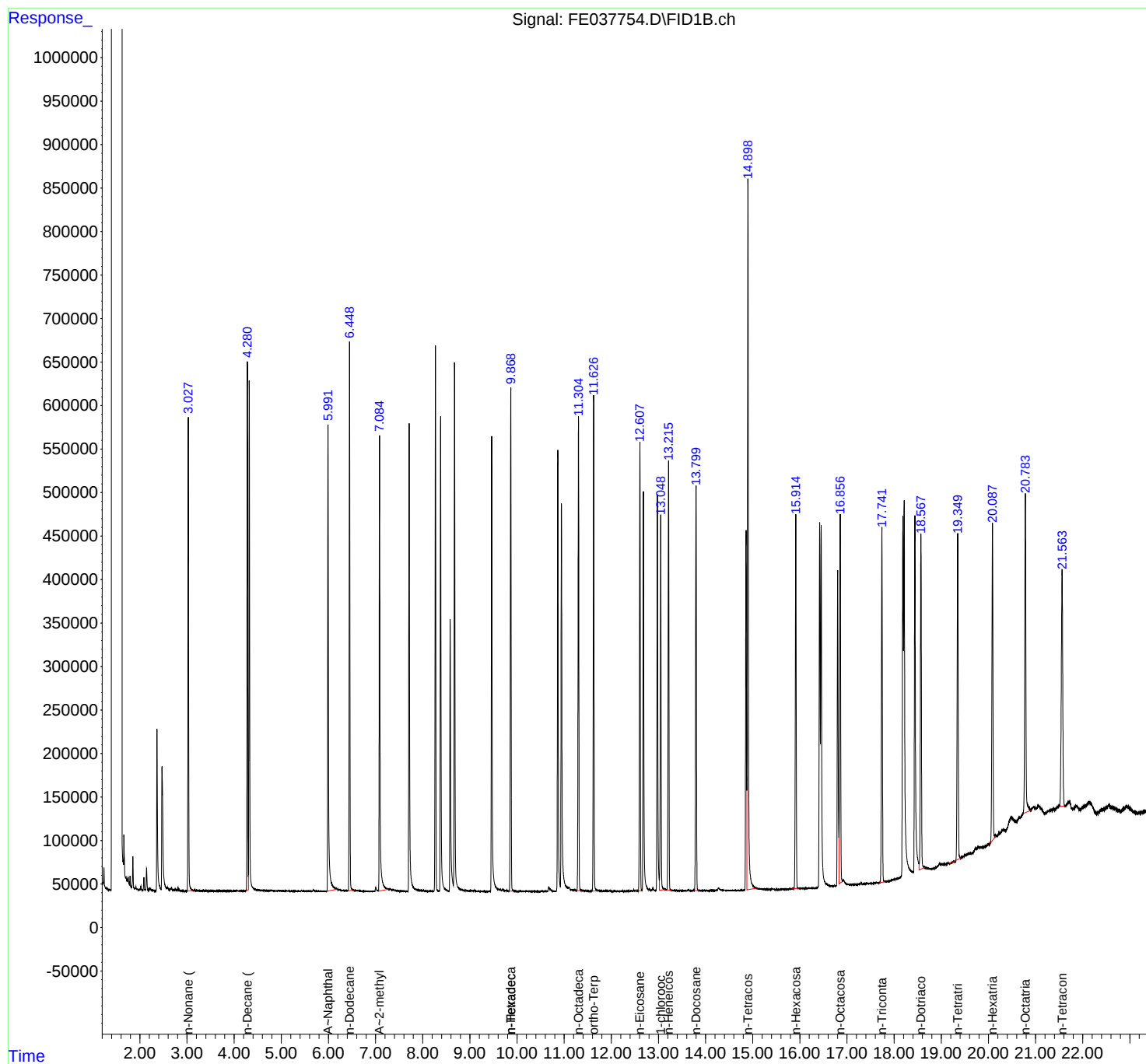
Instrument :
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PB147866BS

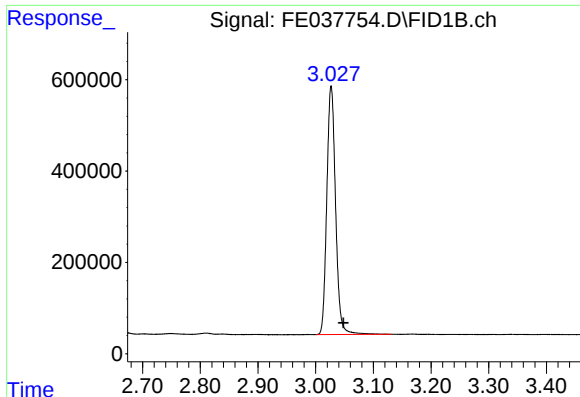
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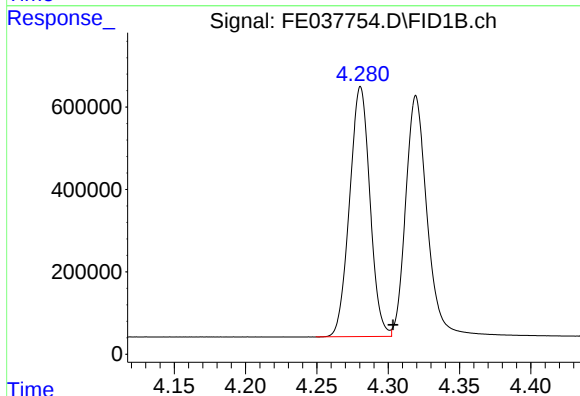
#1 n-Nonane (C9)

R.T.: 3.027 min
Delta R.T.: -0.021 min
Response: 5753255
Conc: 37.60 ug/ml

Instrument :
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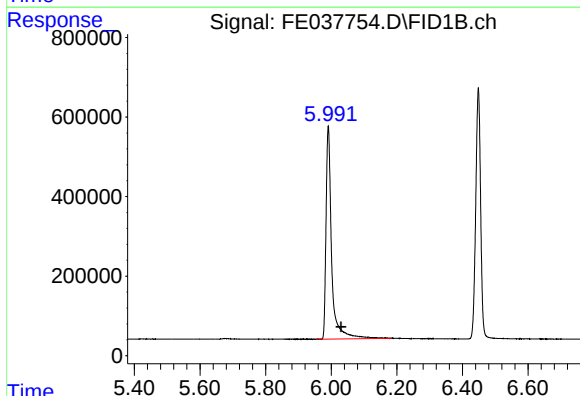
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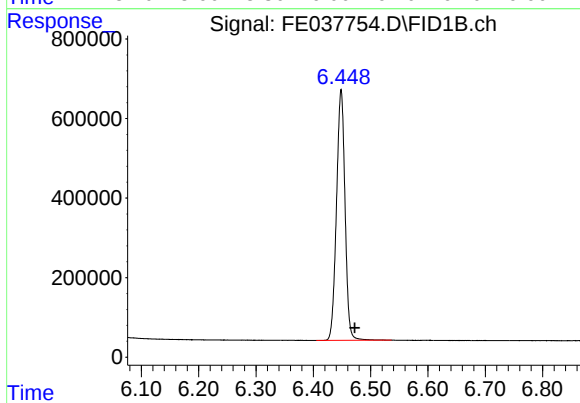
#2 n-Decane (C10)

R.T.: 4.280 min
Delta R.T.: -0.023 min
Response: 6037921
Conc: 39.16 ug/ml m



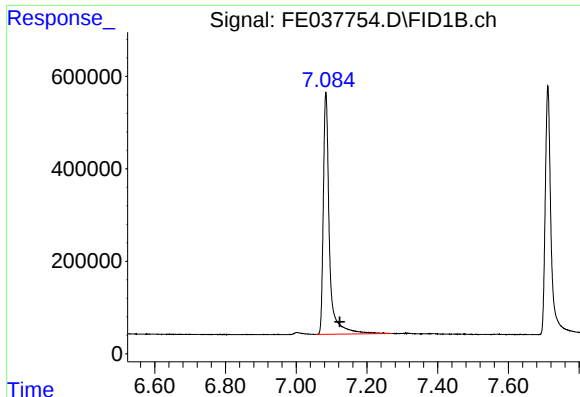
#3 A~Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: -0.040 min
Response: 6388064
Conc: 44.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.449 min
Delta R.T.: -0.024 min
Response: 6523492
Conc: 41.25 ug/ml



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

R.T.: 7.084 min
Delta R.T.: -0.039 min
Response: 6292273
Conc: 45.07 ug/ml

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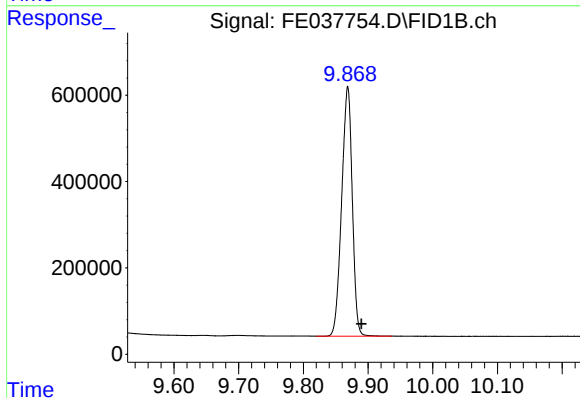
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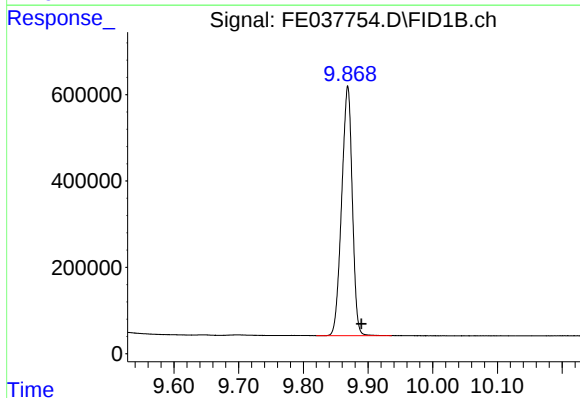
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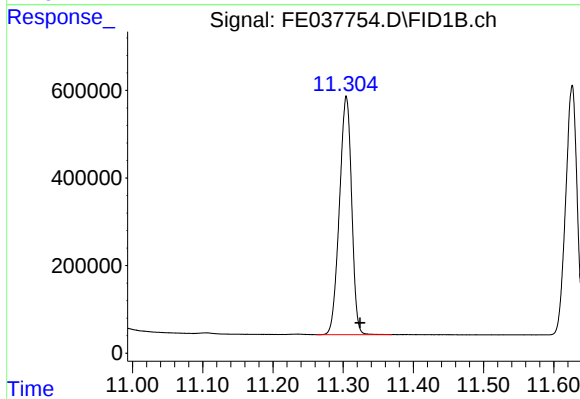
#6 n-Tetradecane (C14)

R.T.: 9.869 min
Delta R.T.: -0.021 min
Response: 6595248
Conc: 41.62 ug/ml



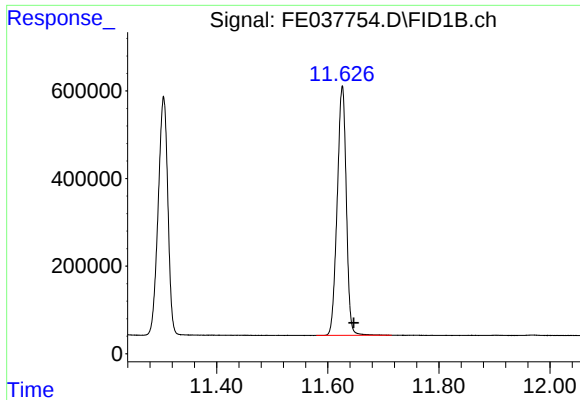
#7 n-Hexadecane (C16)

R.T.: 9.869 min
Delta R.T.: -0.021 min
Response: 6595248
Conc: 41.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.305 min
Delta R.T.: -0.020 min
Response: 6574954
Conc: 41.29 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: -0.021 min
Response: 6488555
Conc: 38.40 ug/ml

Instrument :

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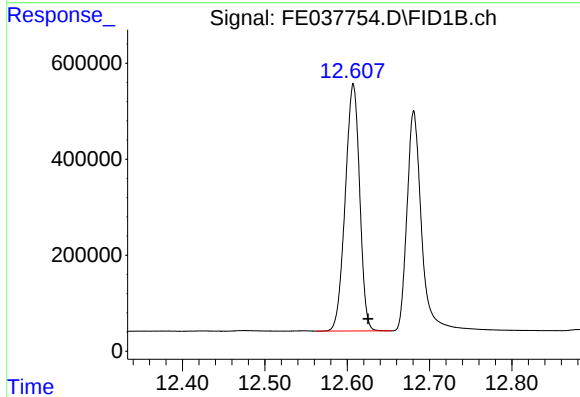
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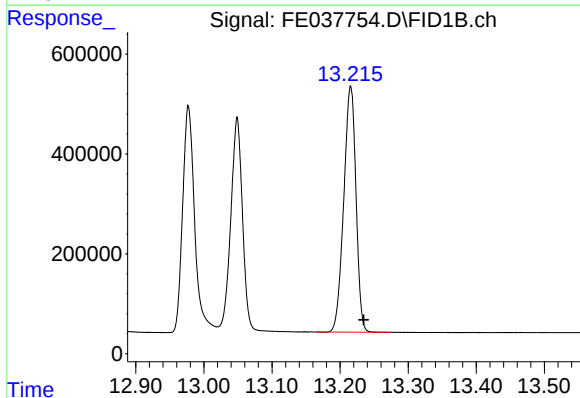
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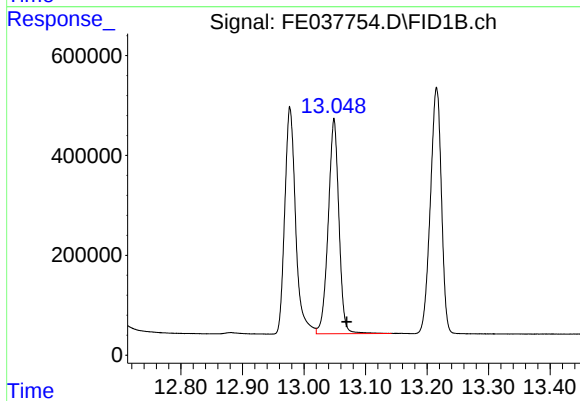
#10 n-Eicosane (C20)

R.T.: 12.607 min
Delta R.T.: -0.018 min
Response: 6256190
Conc: 39.54 ug/ml



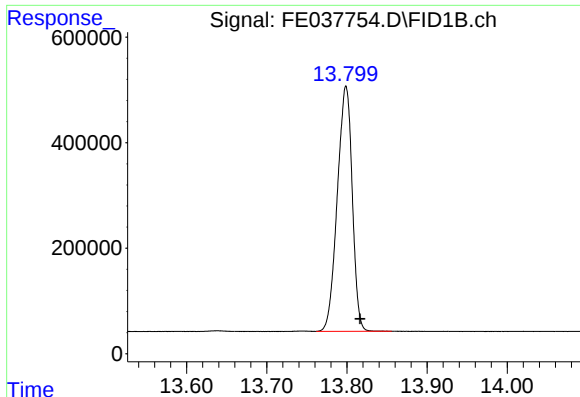
#11 n-Heneicosane (C21)

R.T.: 13.216 min
Delta R.T.: -0.019 min
Response: 6144124
Conc: 38.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.049 min
Delta R.T.: -0.021 min
Response: 5206706
Conc: 40.46 ug/ml



#13 n-Docosane (C22)

R.T.: 13.799 min
Delta R.T.: -0.018 min
Response: 6022865
Conc: 38.69 ug/ml

Instrument :

FID_E

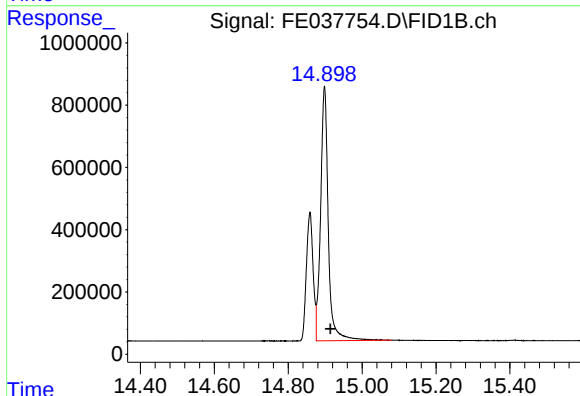
ClientSampleId :

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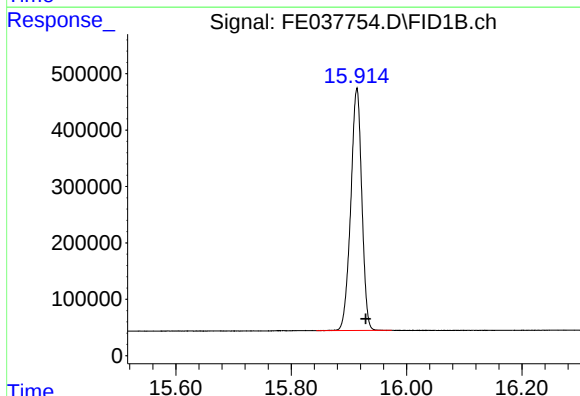
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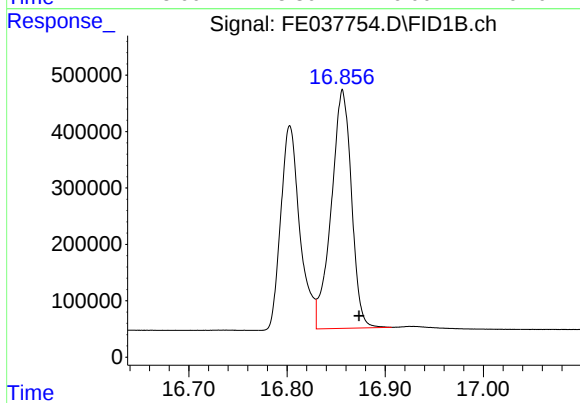
#14 n-Tetracosane (C24)

R.T.: 14.898 min
Delta R.T.: -0.016 min
Response: 11765456
Conc: 78.23 ug/ml



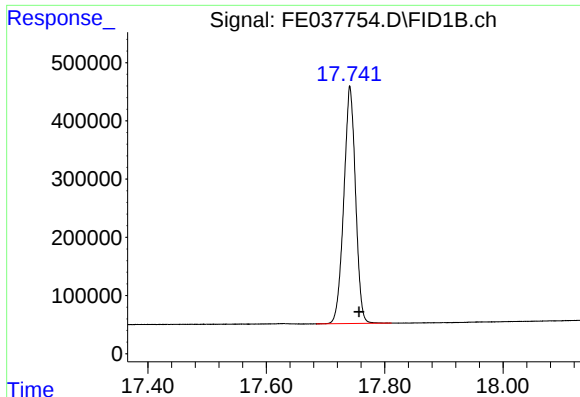
#15 n-Hexacosane (C26)

R.T.: 15.914 min
Delta R.T.: -0.016 min
Response: 5715330
Conc: 39.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.857 min
Delta R.T.: -0.017 min
Response: 6045981
Conc: 43.64 ug/ml



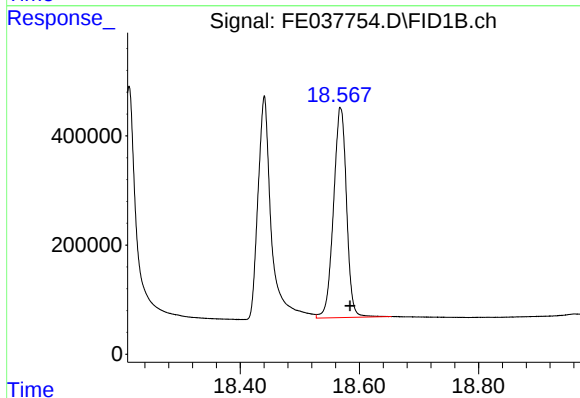
#17 n-Tricontane (C30)

R.T.: 17.741 min
Delta R.T.: -0.015 min
Response: 5599093
Conc: 41.16 ug/ml

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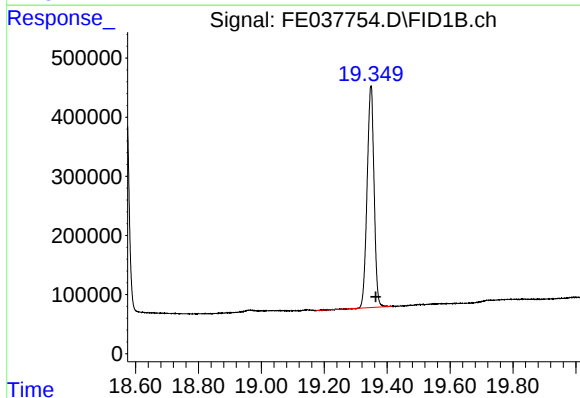
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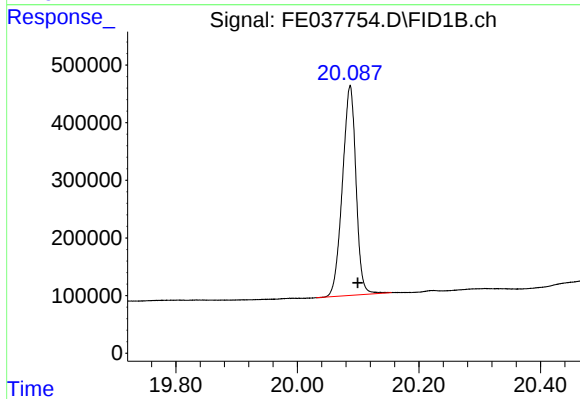
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: -0.016 min
Response: 5855890
Conc: 43.85 ug/ml



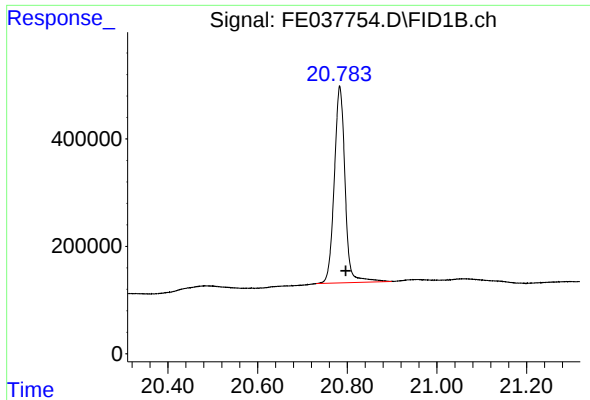
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.015 min
Response: 5755249
Conc: 45.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.087 min
Delta R.T.: -0.013 min
Response: 5647983
Conc: 43.91 ug/ml



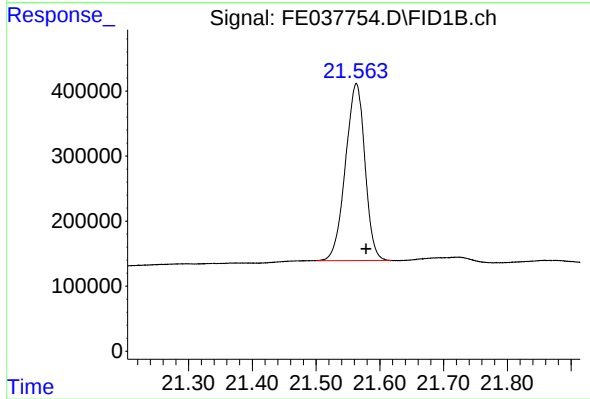
#21 n-Octatriacontane (C38)

R.T.: 20.783 min
Delta R.T.: -0.013 min
Response: 6117552
Conc: 49.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.563 min
Delta R.T.: -0.016 min
Response: 5784835
Conc: 44.87 ug/ml m