

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100725AL\
 Data File : FF016538.D
 Signal(s) : FID2B.ch
 Acq On : 07 Oct 2025 14:15
 Operator : YP\AJ
 Sample : PB170001BS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170001BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2025
 Supervised By :mohammad ahmed 10/09/2025

Integration File: autoint1.e
 Quant Time: Oct 08 02:40:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 05:49:41 2025
 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)	11.962	4334532	29.970 ug/ml
Spiked Amount 50.000		Recovery =	59.94%
12) S 1-chlorooctadecane (S...	13.404	3388225	30.376 ug/ml
Spiked Amount 50.000		Recovery =	60.75%
Target Compounds			
1) T n-Nonane (C9)	3.315	4337430	37.099 ug/ml
2) T n-Decane (C10)	4.574	4683244	39.538 ug/mlm
3) T A~Naphthalene (C11.7)	6.284	5405501	41.388 ug/ml
4) T n-Dodecane (C12)	6.752	4889733	40.737 ug/ml
5) T A~2-methylnaphthalene...	7.384	5062478	39.762 ug/ml
6) T n-Tetradecane (C14)	8.588	4949219	41.072 ug/ml
7) T n-Hexadecane (C16)	10.198	5049245	40.431 ug/ml
8) T n-Octadecane (C18)	11.646	5071277	39.150 ug/ml
10) T n-Eicosane (C20)	12.960	5268588	41.203 ug/ml
11) T n-Heneicosane (C21)	13.573	5114436	40.282 ug/ml
13) T n-Docosane (C22)	14.161	5082523	40.031 ug/ml
14) T n-Tetracosane (C24)	15.250	10360212	80.992 ug/mlm
15) T n-Hexacosane (C26)	16.296	4942253	39.536 ug/ml
16) T n-Octacosane (C28)	17.248	4799728	39.174 ug/ml
17) T n-Tricontane (C30)	18.140	4797025	38.518 ug/ml
18) T n-Dotriacontane (C32)	18.976	4729867	39.243 ug/ml
19) T n-Tetratriacontane (C34)	19.763	4733944	43.411 ug/ml
20) T n-Hexatriacontane (C36)	20.507	4422304	47.382 ug/ml
21) T n-Octatriacontane (C38)	21.267	4357782	51.817 ug/ml
22) T n-Tetracontane (C40)	22.217	4161662	53.009 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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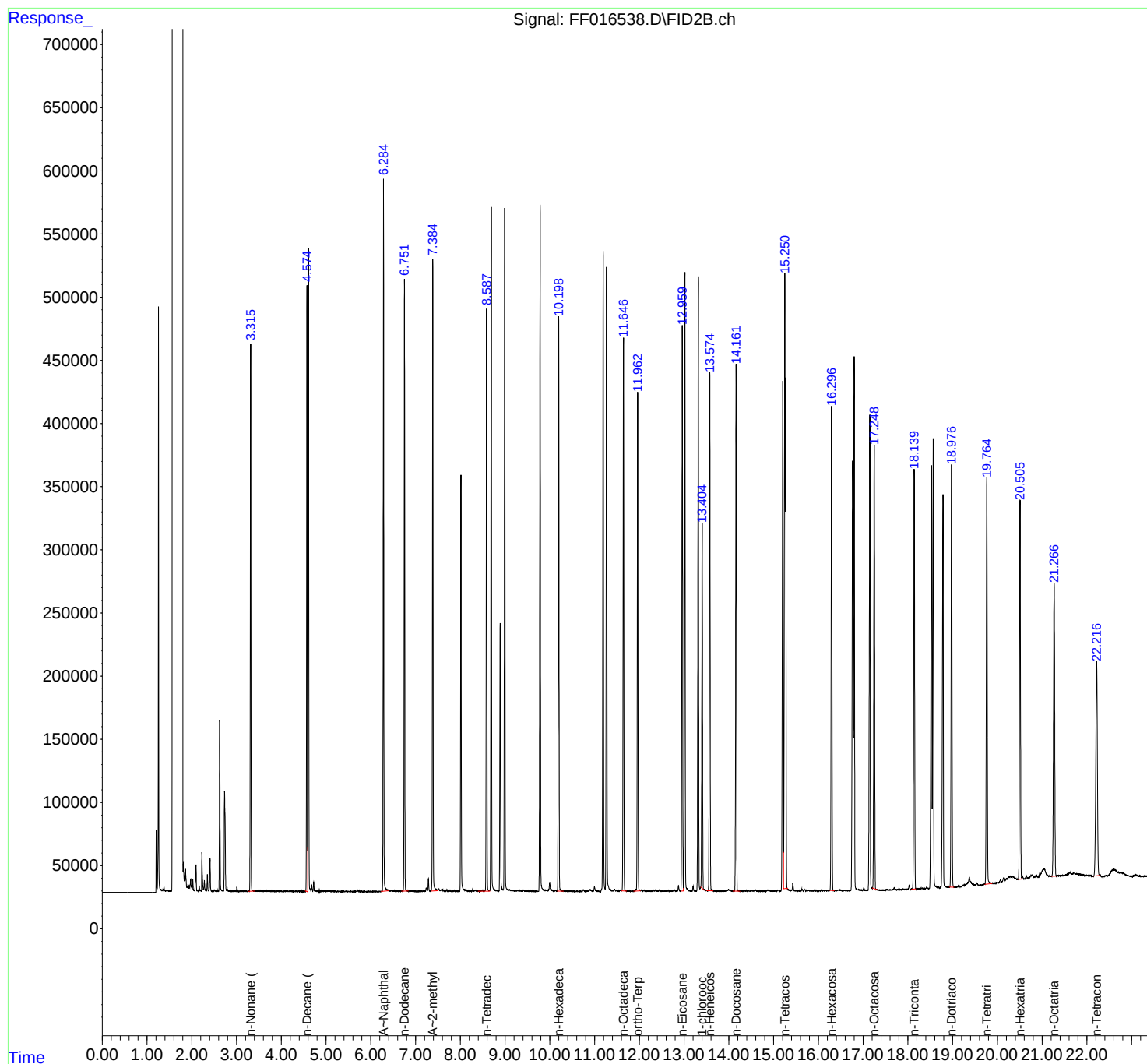
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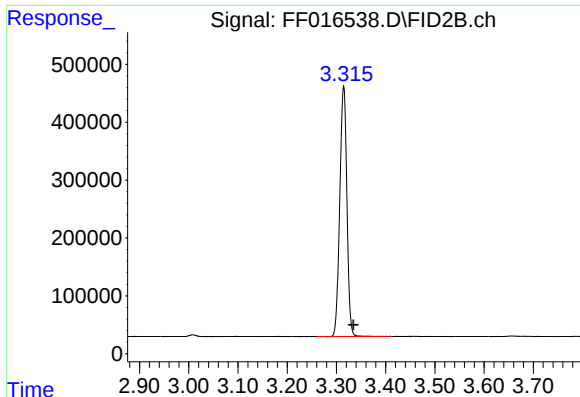
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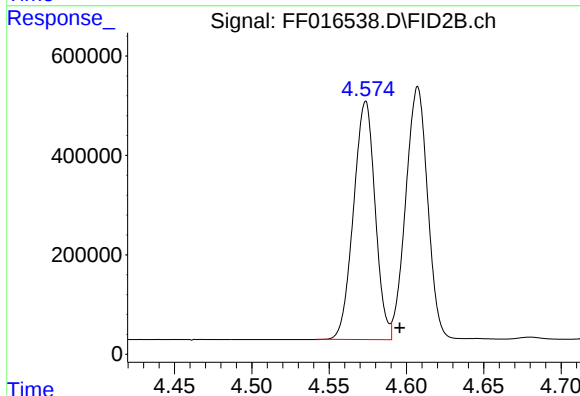
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.020 min
Response: 4337430
Conc: 37.10 ug/ml

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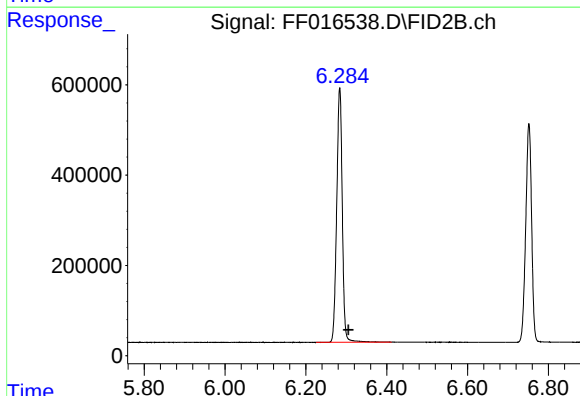
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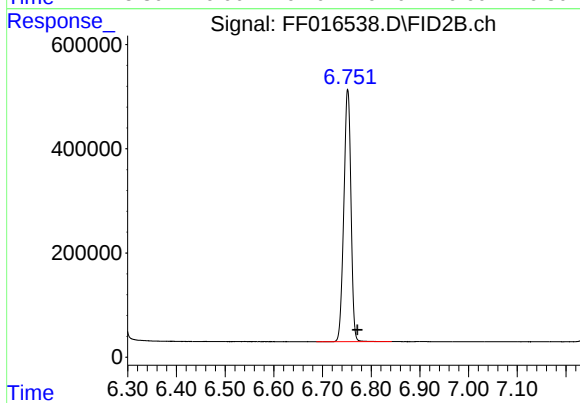
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: -0.022 min
Response: 4683244
Conc: 39.54 ug/ml m



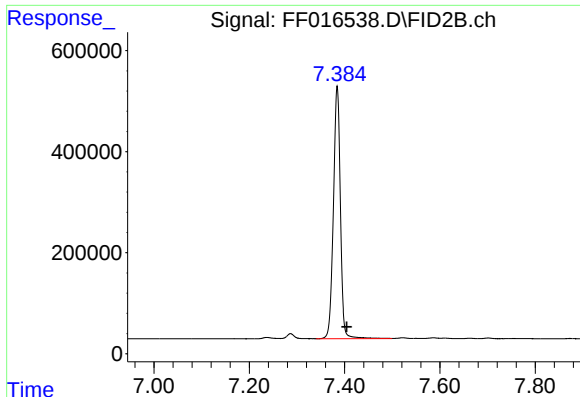
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: -0.021 min
Response: 5405501
Conc: 41.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.752 min
Delta R.T.: -0.020 min
Response: 4889733
Conc: 40.74 ug/ml



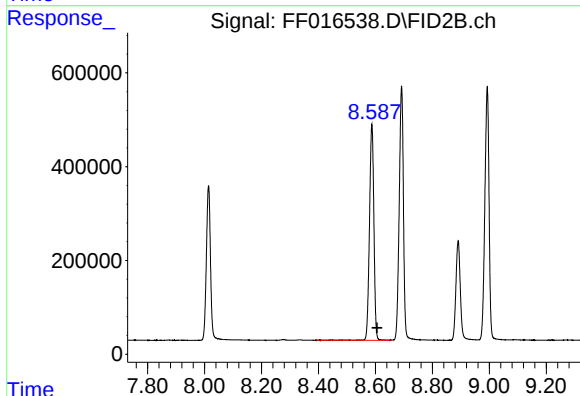
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.384 min
Delta R.T.: -0.020 min
Response: 5062478
Conc: 39.76 ug/ml

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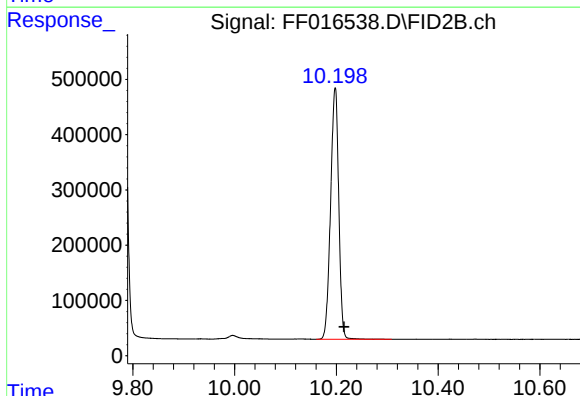
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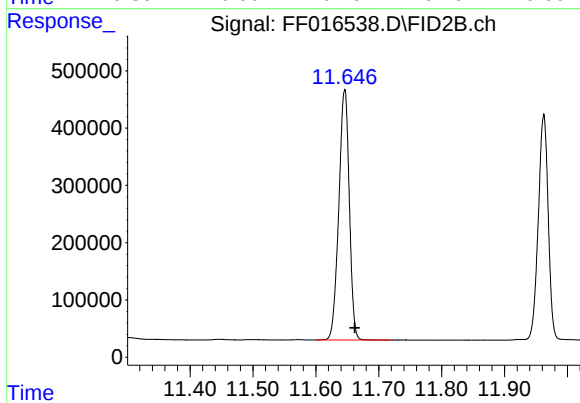
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.018 min
Response: 4949219
Conc: 41.07 ug/ml



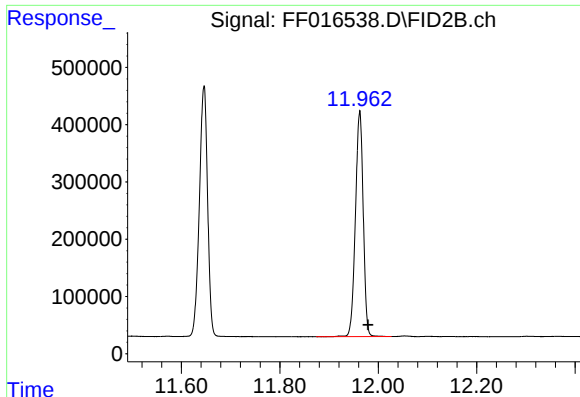
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.018 min
Response: 5049245
Conc: 40.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.646 min
Delta R.T.: -0.016 min
Response: 5071277
Conc: 39.15 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.962 min
Delta R.T.: -0.017 min
Response: 4334532
Conc: 29.97 ug/ml

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FID_F

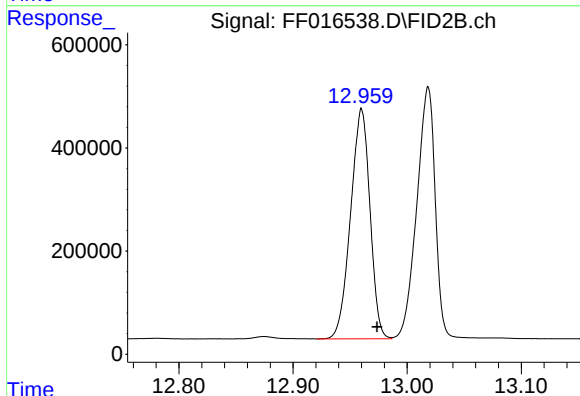
ClientSampleId :

PB170001BS

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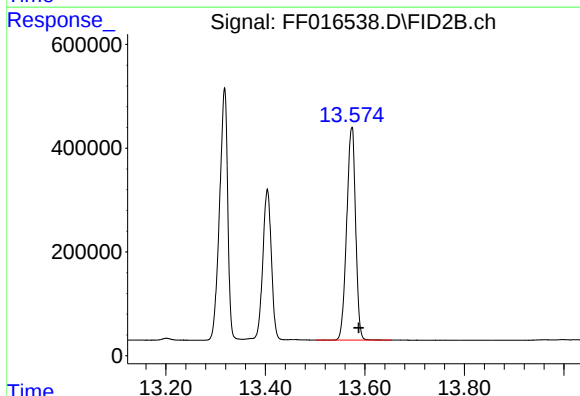
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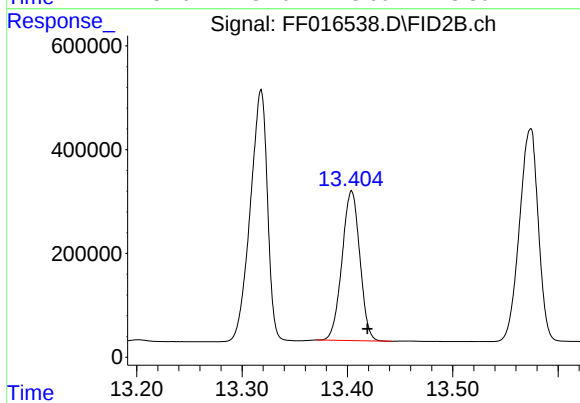
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.014 min
Response: 5268588
Conc: 41.20 ug/ml



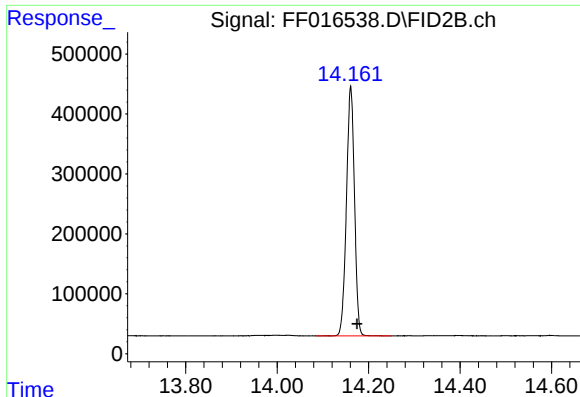
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: -0.014 min
Response: 5114436
Conc: 40.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.404 min
Delta R.T.: -0.015 min
Response: 3388225
Conc: 30.38 ug/ml



#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: -0.014 min
Response: 5082523
Conc: 40.03 ug/ml

Instrument :

FID_F

ClientSampleId :

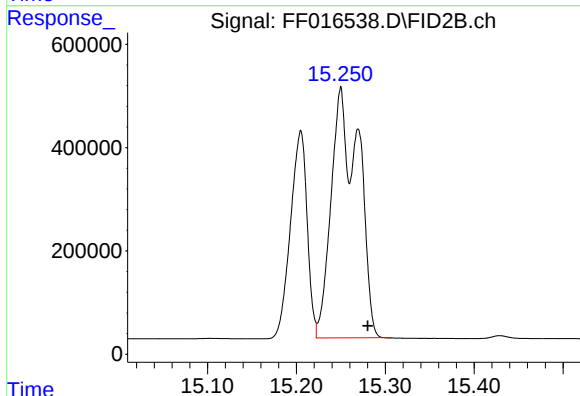
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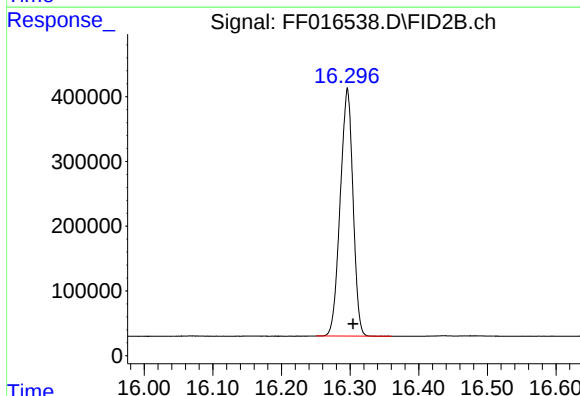
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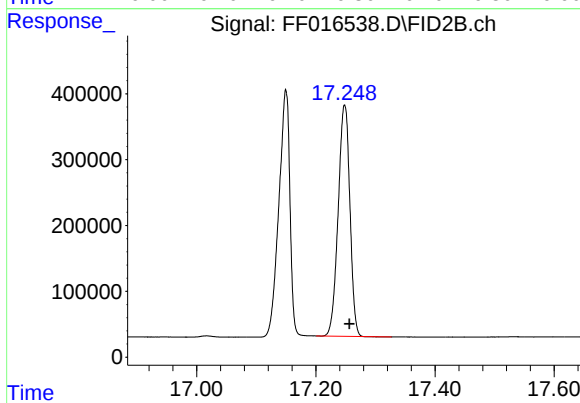
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.030 min
Response: 10360212
Conc: 80.99 ug/ml m



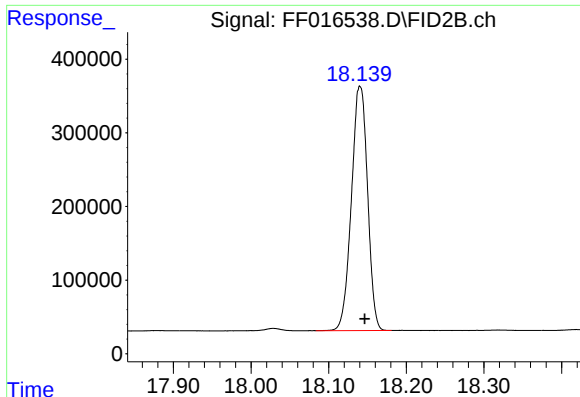
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: -0.008 min
Response: 4942253
Conc: 39.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.248 min
Delta R.T.: -0.008 min
Response: 4799728
Conc: 39.17 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.140 min
Delta R.T.: -0.006 min
Response: 4797025
Conc: 38.52 ug/ml

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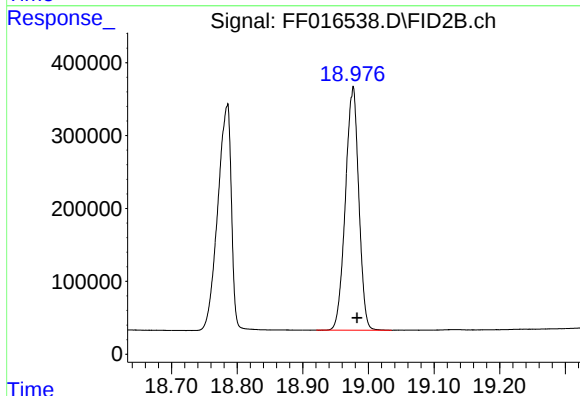
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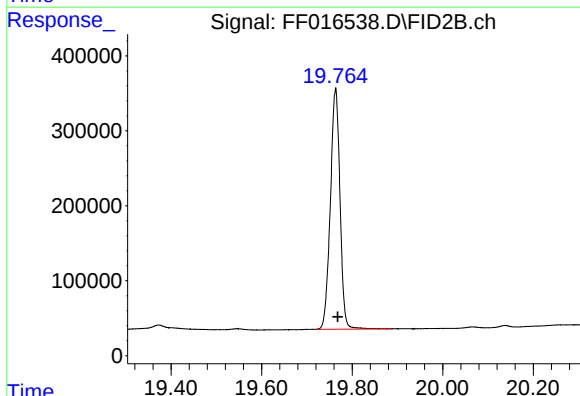
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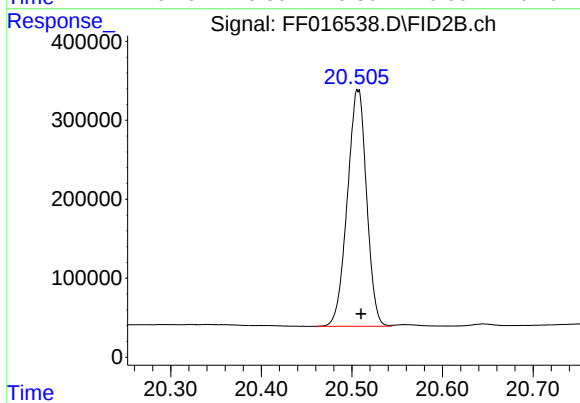
#18 n-Dotriacontane (C32)

R.T.: 18.976 min
Delta R.T.: -0.006 min
Response: 4729867
Conc: 39.24 ug/ml



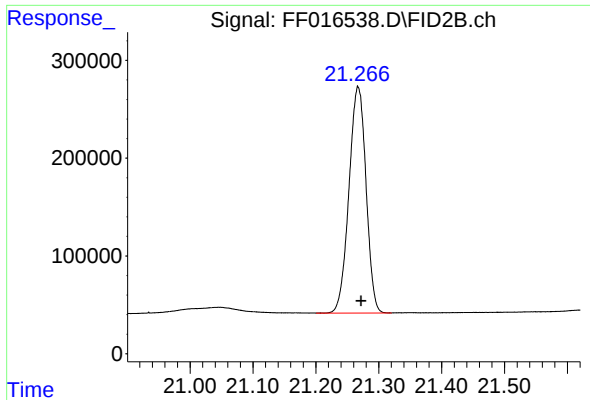
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: -0.005 min
Response: 4733944
Conc: 43.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.507 min
Delta R.T.: -0.004 min
Response: 4422304
Conc: 47.38 ug/ml



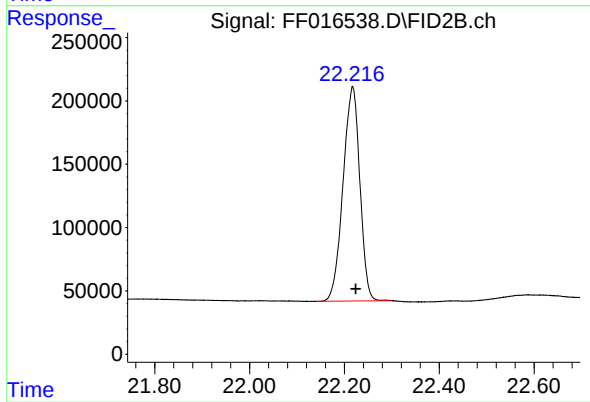
#21 n-Octatriacontane (C38)

R.T.: 21.267 min
Delta R.T.: -0.005 min
Response: 4357782
Conc: 51.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.217 min
Delta R.T.: -0.007 min
Response: 4161662
Conc: 53.01 ug/ml