

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043024AL\
 Data File : FE047886.D
 Signal(s) : FID1B.ch
 Acq On : 30 Apr 2024 18:33
 Operator : YP\AJ
 Sample : PB160622BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB160622BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/01/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e

Quant Time: May 01 01:19:19 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)	11.979	7178667	49.760 ug/ml
Spiked Amount 50.000		Recovery =	99.52%
12) S 1-chlorooctadecane (S...	13.411	5920960	52.988 ug/mlm
Spiked Amount 50.000		Recovery =	105.98%
Target Compounds			
1) T n-Nonane (C9)	3.363	6061770	47.034 ug/ml
2) T n-Decane (C10)	4.612	6379636	48.457 ug/ml
3) T A~Naphthalene (C11.7)	6.318	6821720	49.403 ug/ml
4) T n-Dodecane (C12)	6.776	6840251	51.310 ug/ml
5) T A~2-methylnaphthalene...	7.414	6874280	51.657 ug/ml
6) T n-Tetradecane (C14)	8.606	7087607	53.483 ug/ml
7) T n-Hexadecane (C16)	10.212	7089168	51.545 ug/ml
8) T n-Octadecane (C18)	11.656	7227991	51.889 ug/ml
10) T n-Eicosane (C20)	12.966	7250956	53.853 ug/ml
11) T n-Heneicosane (C21)	13.578	7040905	53.189 ug/ml
13) T n-Docosane (C22)	14.164	6985357	52.712 ug/ml
14) T n-Tetracosane (C24)	15.261	12050360	90.500 ug/ml
15) T n-Hexacosane (C26)	16.287	6833783	51.211 ug/ml
16) T n-Octacosane (C28)	17.237	7005764	52.617 ug/ml
17) T n-Tricontane (C30)	18.125	6954775	50.392 ug/ml
18) T n-Dotriacontane (C32)	18.957	6961945	50.403 ug/ml
19) T n-Tetratriacontane (C34)	19.740	7230007	53.075 ug/ml
20) T n-Hexatriacontane (C36)	20.479	7435814	54.918 ug/ml
21) T n-Octatriacontane (C38)	21.223	7591316	54.983 ug/mlm
22) T n-Tetracontane (C40)	22.155	7550413	54.194 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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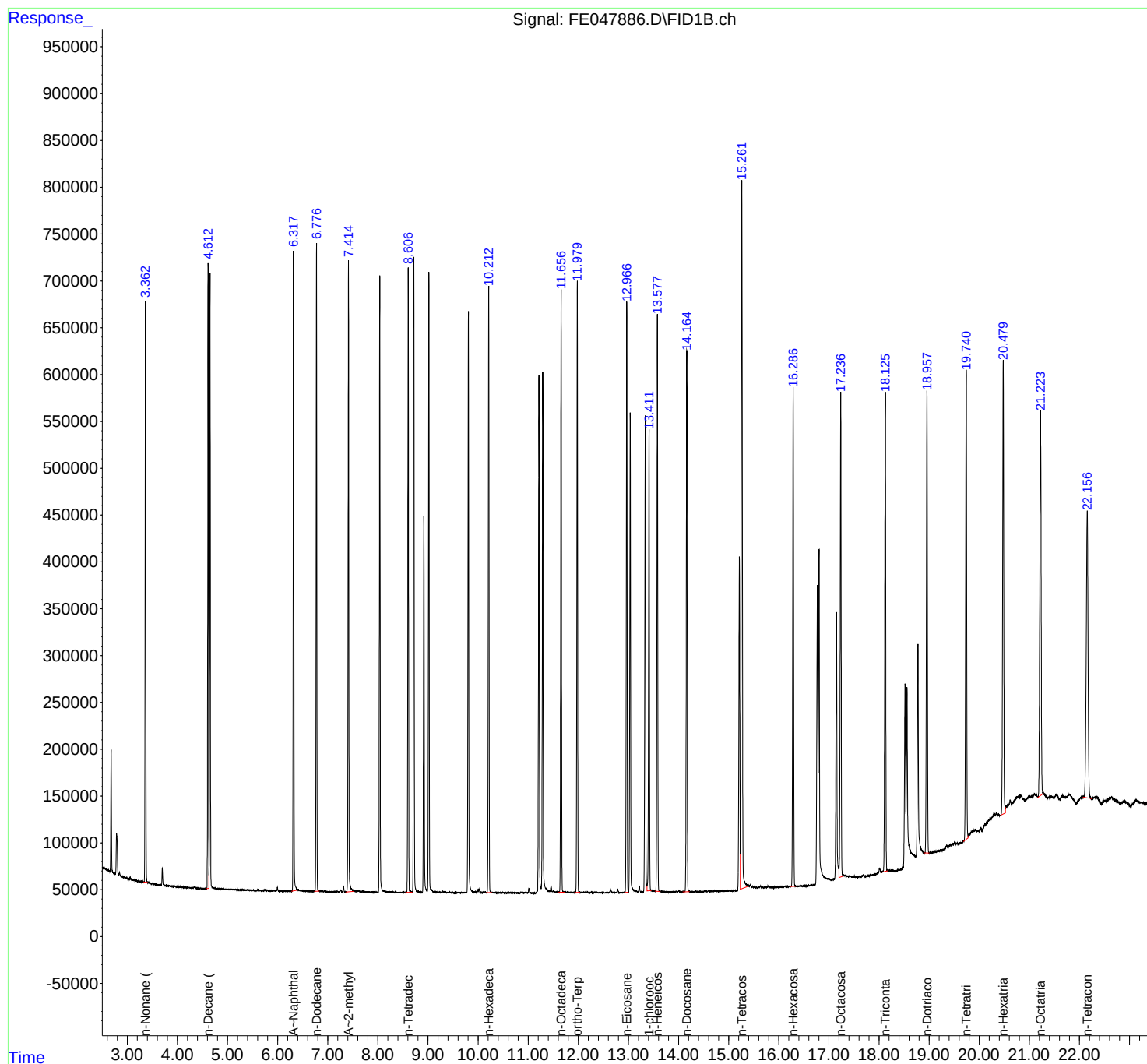
Response via : Initial Calibration

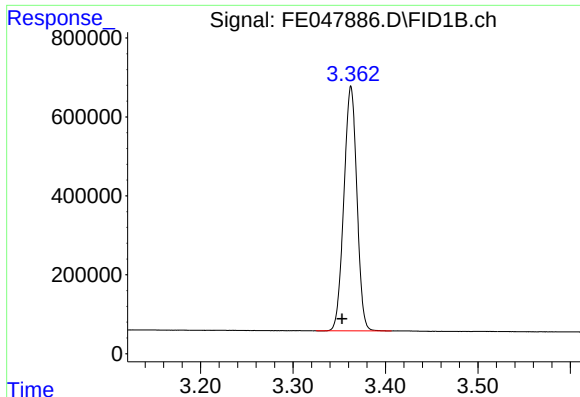
Integrator: ChemStation

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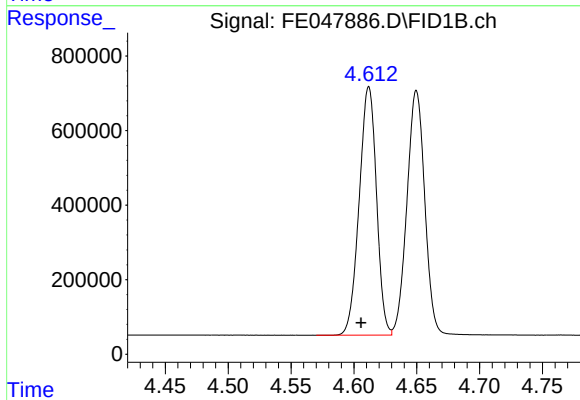
#1 n-Nonane (C9)

R.T.: 3.363 min
Delta R.T.: 0.010 min
Response: 6061770
Conc: 47.03 ug/ml

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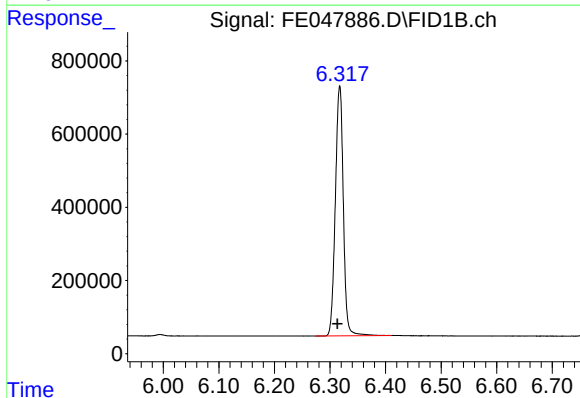
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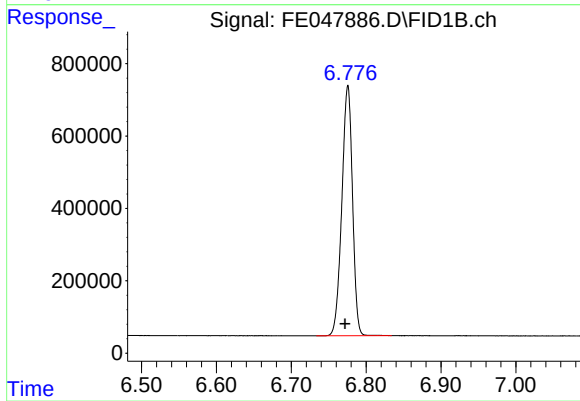
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: 0.006 min
Response: 6379636
Conc: 48.46 ug/ml



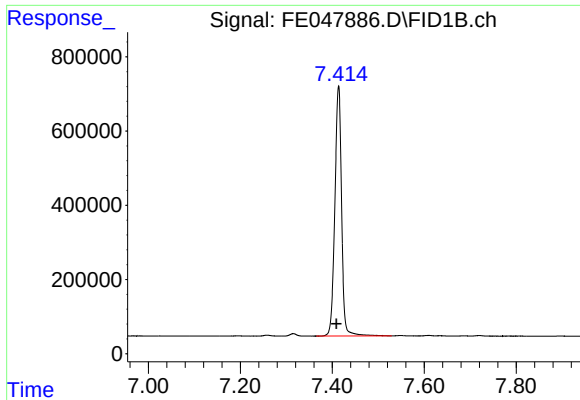
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: 0.004 min
Response: 6821720
Conc: 49.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.776 min
Delta R.T.: 0.004 min
Response: 6840251
Conc: 51.31 ug/ml



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

R.T.: 7.414 min
Delta R.T.: 0.005 min
Response: 6874280
Conc: 51.66 ug/ml

Instrument :

FID_E

ClientSampleId :

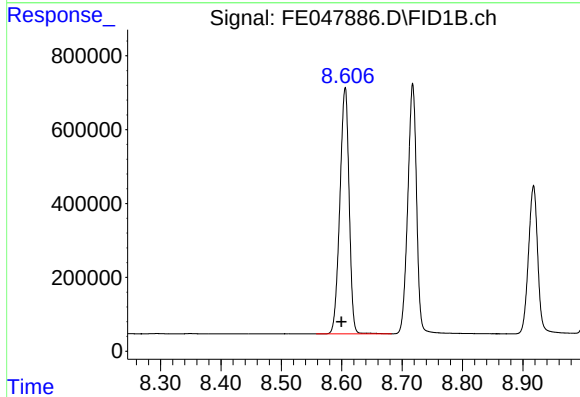
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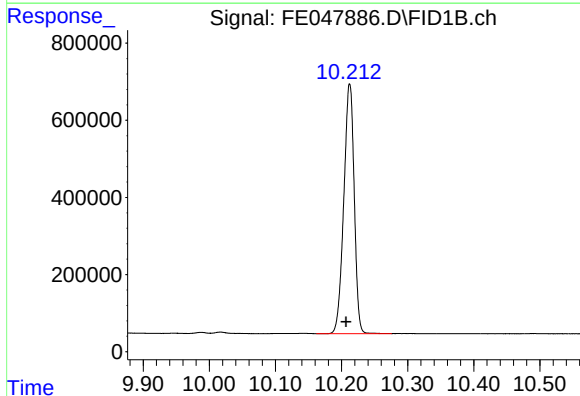
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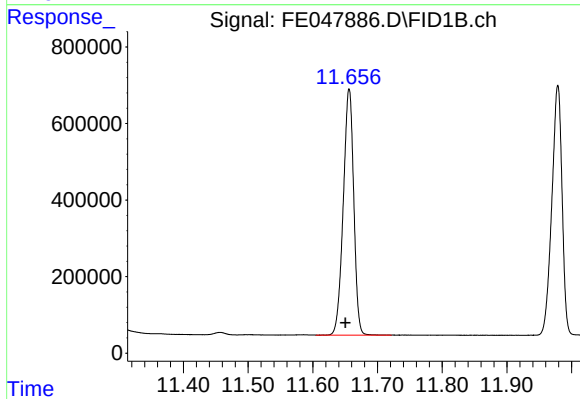
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: 0.006 min
Response: 7087607
Conc: 53.48 ug/ml



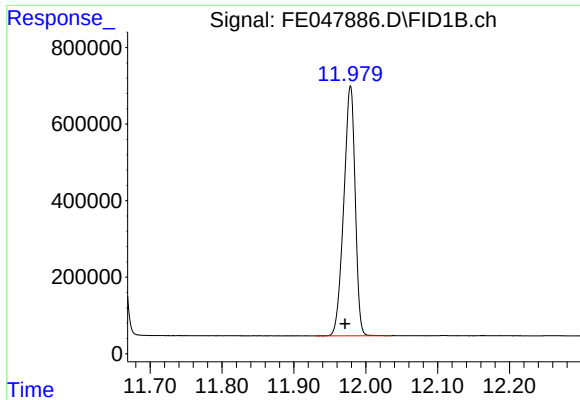
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: 0.005 min
Response: 7089168
Conc: 51.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.656 min
Delta R.T.: 0.006 min
Response: 7227991
Conc: 51.89 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.979 min
Delta R.T.: 0.008 min
Response: 7178667
Conc: 49.76 ug/ml

Instrument :

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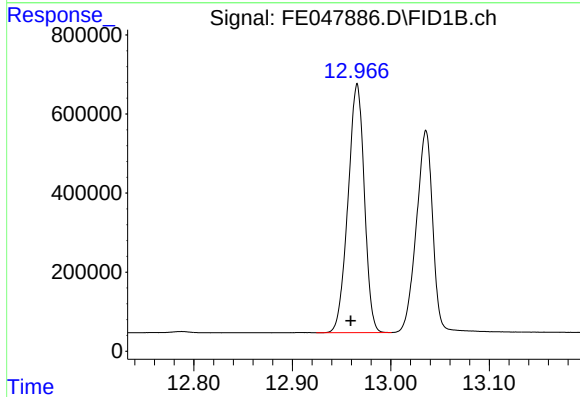
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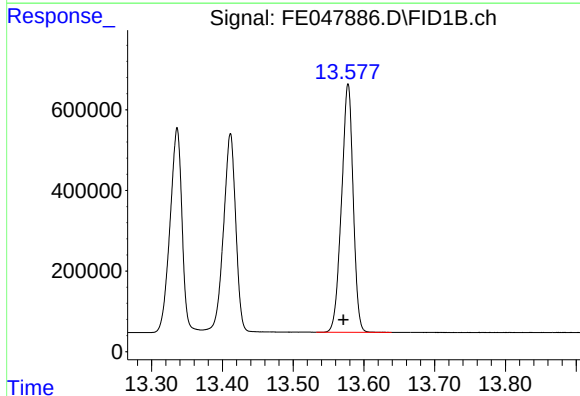
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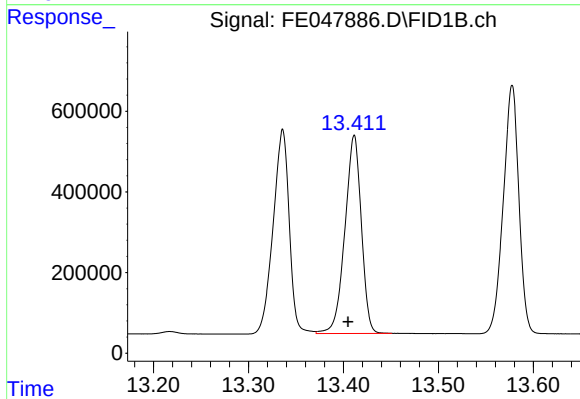
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: 0.006 min
Response: 7250956
Conc: 53.85 ug/ml



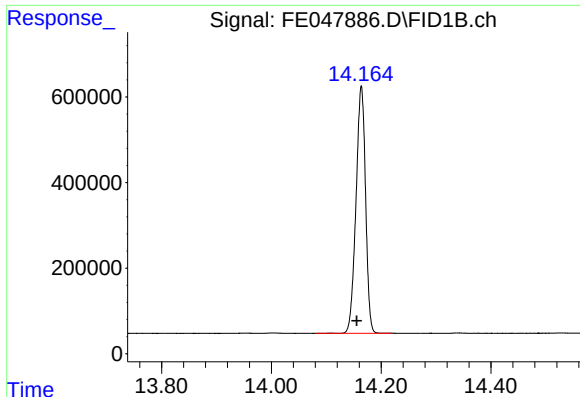
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.007 min
Response: 7040905
Conc: 53.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: 0.006 min
Response: 5920960
Conc: 52.99 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: 0.008 min
Response: 6985357
Conc: 52.71 ug/ml

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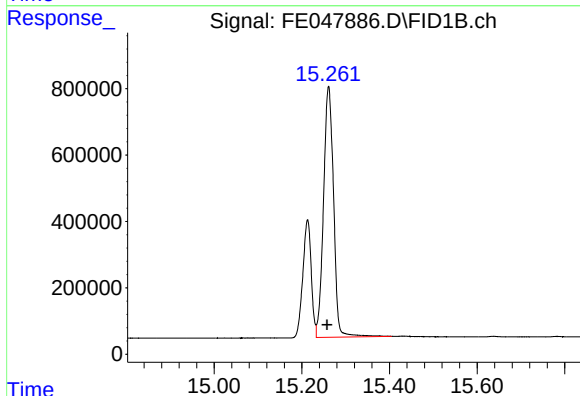
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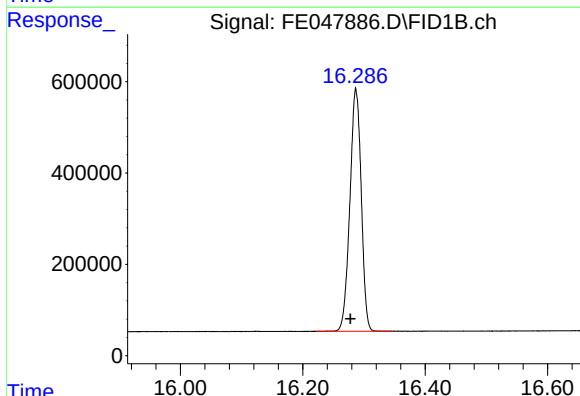
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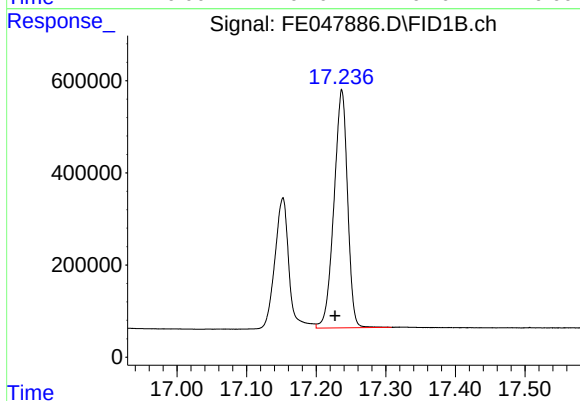
#14 n-Tetracosane (C24)

R.T.: 15.261 min
Delta R.T.: 0.003 min
Response: 12050360
Conc: 90.50 ug/ml



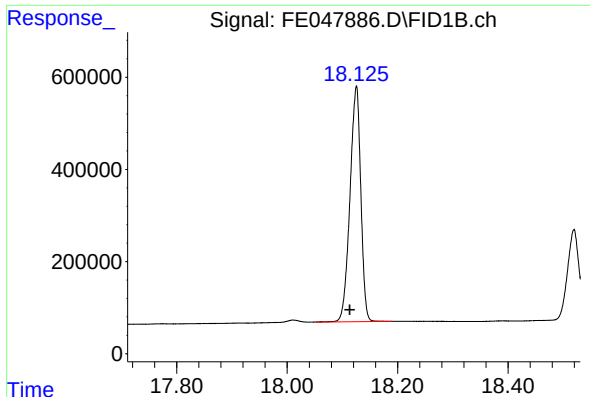
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.009 min
Response: 6833783
Conc: 51.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: 0.010 min
Response: 7005764
Conc: 52.62 ug/ml



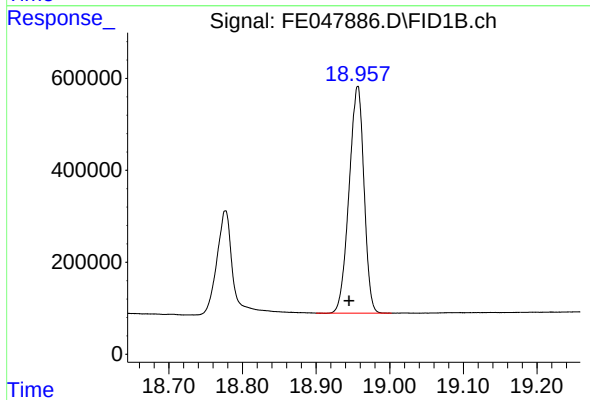
#17 n-Tricontane (C30)

R.T.: 18.125 min
Delta R.T.: 0.012 min
Response: 6954775
Conc: 50.39 ug/ml

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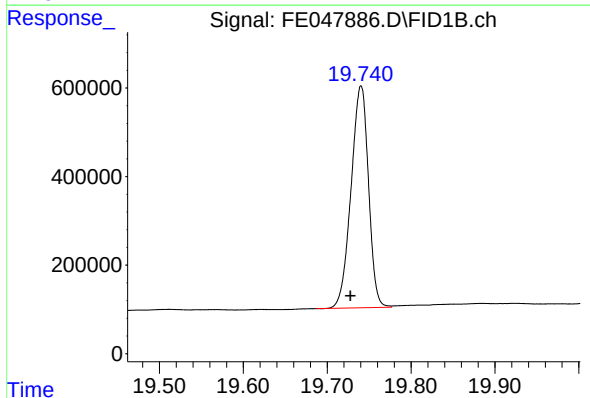
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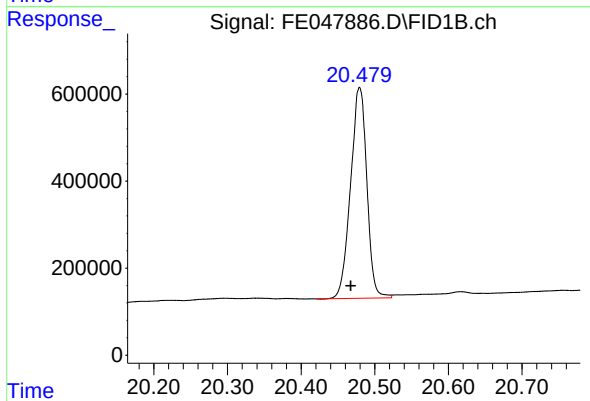
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.012 min
Response: 6961945
Conc: 50.40 ug/ml



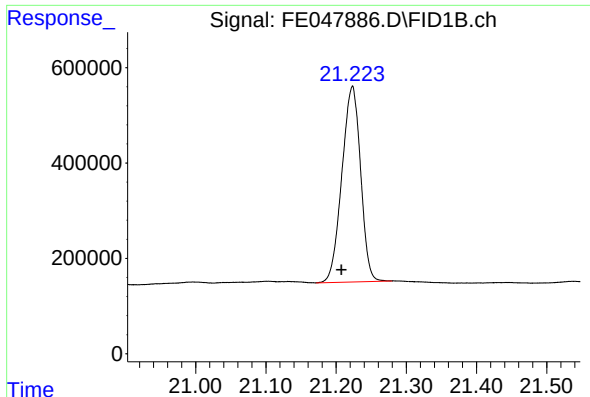
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.013 min
Response: 7230007
Conc: 53.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.012 min
Response: 7435814
Conc: 54.92 ug/ml



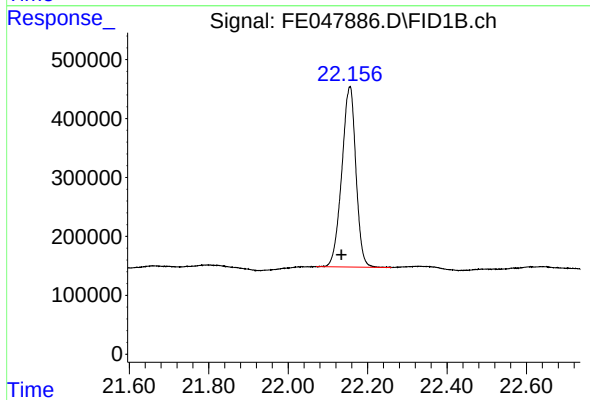
#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: 0.016 min
Response: 7591316
Conc: 54.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: 0.021 min
Response: 7550413
Conc: 54.19 ug/ml