

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080524\
 Data File : FE049442.D
 Signal(s) : FID1B.ch
 Acq On : 05 Aug 2024 09:28
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File: autoint1.e
 Quant Time: Aug 06 01:11:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE072924.M
 Quant Title :
 QLast Update : Tue Jul 30 04:50:04 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.984	6170333	48.252 ug/ml
Target Compounds			
1) N-OCTANE	2.017	6766851	48.154 ug/ml
2) N-DECANE	4.535	7073253	50.471 ug/ml
3) N-DODECANE	6.704	7134775	50.212 ug/ml
4) N-TETRADECANE	8.532	7201534	50.880 ug/ml
5) N-HEXADECANE	10.138	7158470	50.827 ug/ml
6) N-OCTADECANE	11.580	7236033	50.437 ug/ml
7) N-EICOSANE	12.888	7271865	51.585 ug/mlm
8) N-DOCOSANE	14.085	7009002	50.353 ug/ml
10) N-TETRACOSANE	15.188	6984363	50.107 ug/ml
11) N-HEXACOSANE	16.207	6977205	50.005 ug/ml
12) N-OCTACOSANE	17.157	6978971	49.735 ug/ml
13) N-TRIACONTANE	18.043	7189680	50.385 ug/ml
14) N-DOTRIACONTANE	18.874	7331212	52.197 ug/ml
15) N-TETRATRIACONTANE	19.658	7444003	61.186 ug/ml
16) N-HEXATRIACONTANE	20.397	7502910	73.232 ug/ml
17) N-OCTATRIACONTANE	21.126	7251118	76.853 ug/mlm
18) N-TETRACONTANE	22.025	7058976	74.588 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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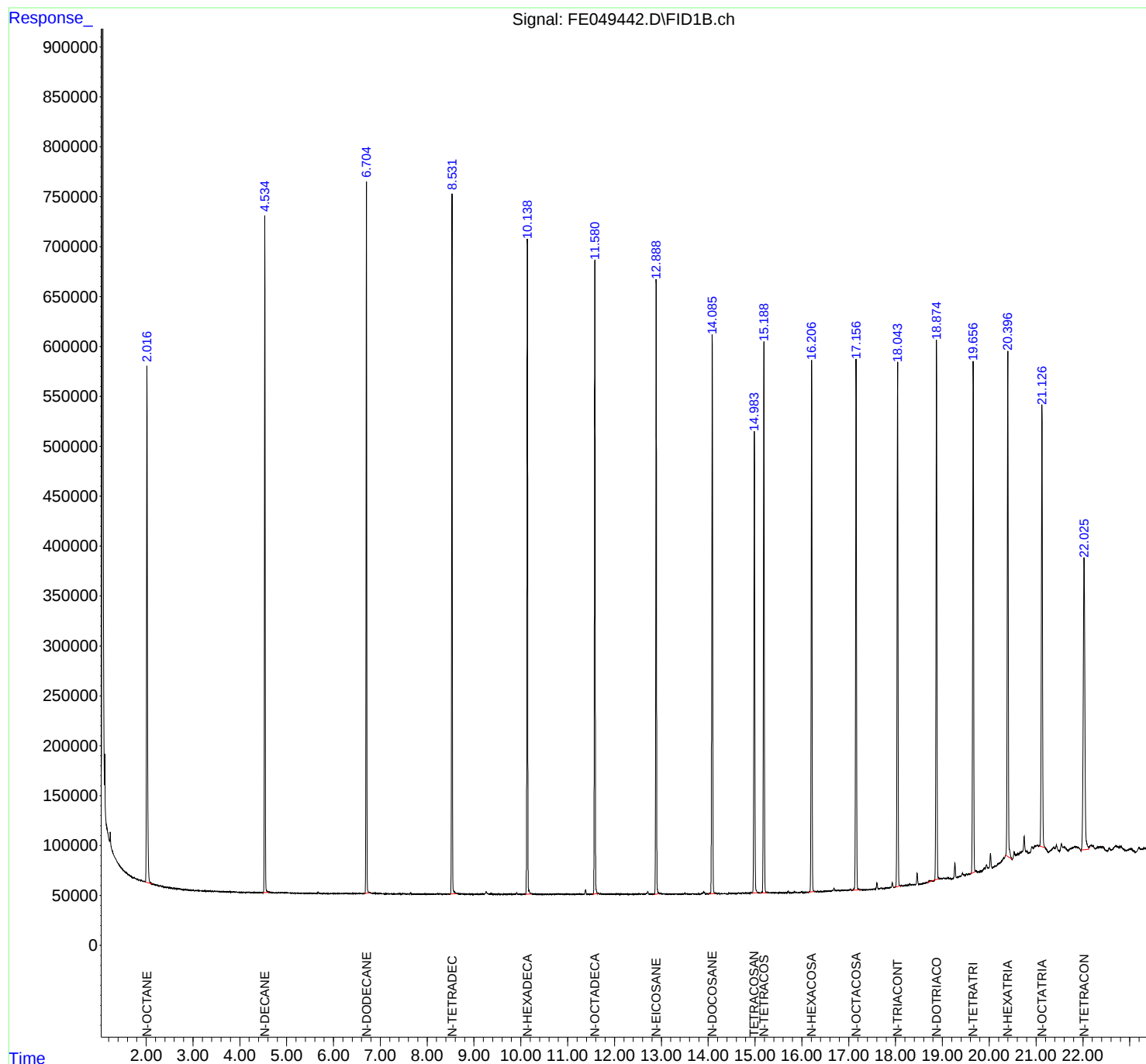
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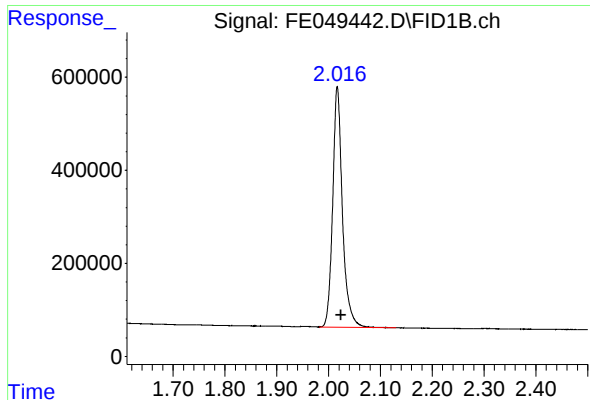
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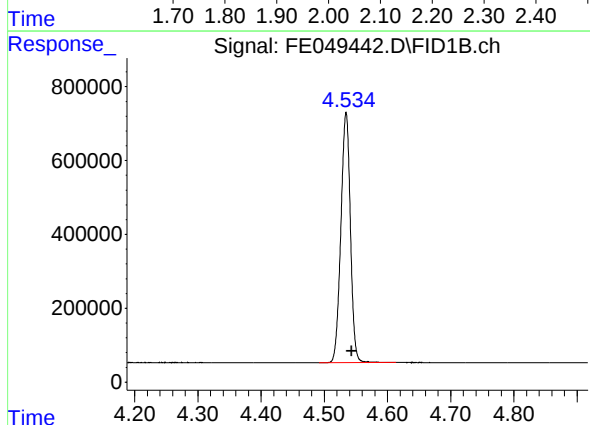
#1 N-OCTANE

R.T.: 2.017 min
Delta R.T.: -0.007 min
Response: 6766851
Conc: 48.15 ug/ml

Instrument :
FID_E
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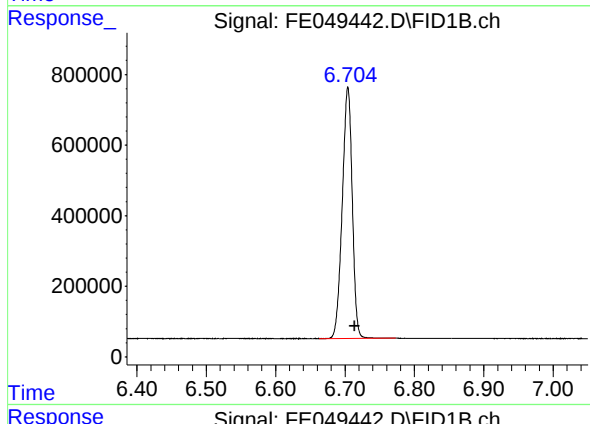
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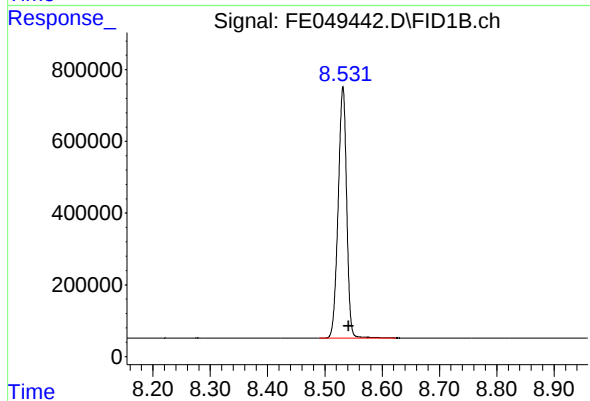
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: -0.009 min
Response: 7073253
Conc: 50.47 ug/ml



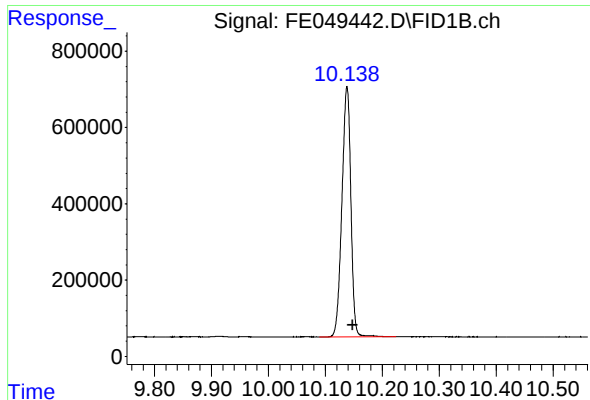
#3 N-DODECANE

R.T.: 6.704 min
Delta R.T.: -0.009 min
Response: 7134775
Conc: 50.21 ug/ml



#4 N-TETRADECANE

R.T.: 8.532 min
Delta R.T.: -0.010 min
Response: 7201534
Conc: 50.88 ug/ml



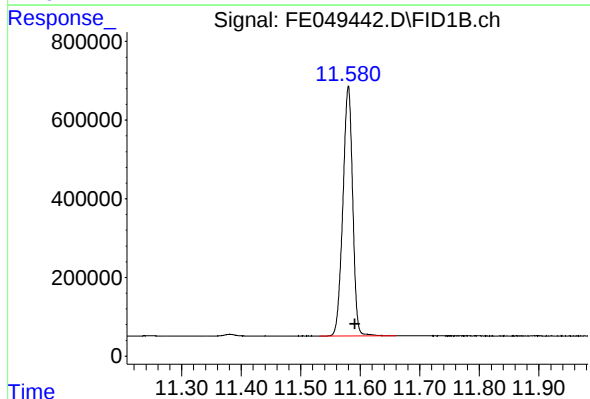
#5 N-HEXADECANE

R.T.: 10.138 min
Delta R.T.: -0.010 min
Response: 7158470
Conc: 50.83 ug/ml

Instrument :
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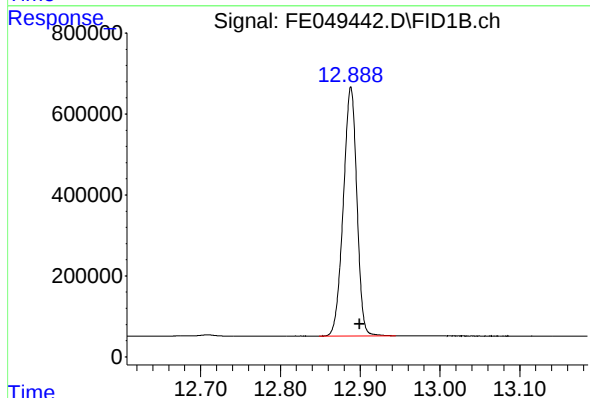
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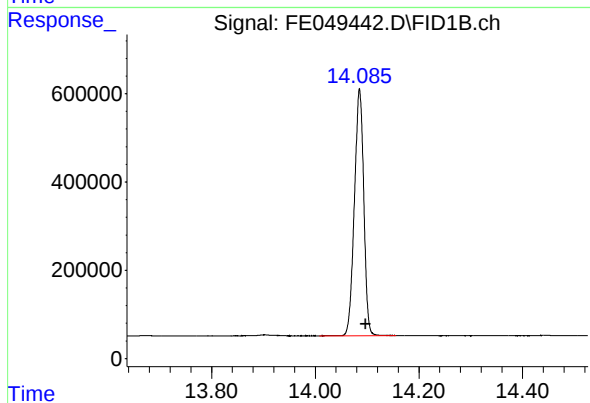
#6 N-OCTADECANE

R.T.: 11.580 min
Delta R.T.: -0.011 min
Response: 7236033
Conc: 50.44 ug/ml



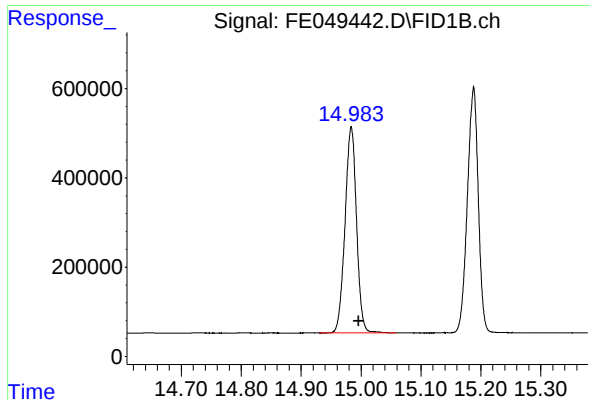
#7 N-EICOSANE

R.T.: 12.888 min
Delta R.T.: -0.012 min
Response: 7271865
Conc: 51.58 ug/ml m



#8 N-DOCOSANE

R.T.: 14.085 min
Delta R.T.: -0.011 min
Response: 7009002
Conc: 50.35 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.984 min
Delta R.T.: -0.013 min
Response: 6170333
Conc: 48.25 ug/ml

Instrument :

FID_E

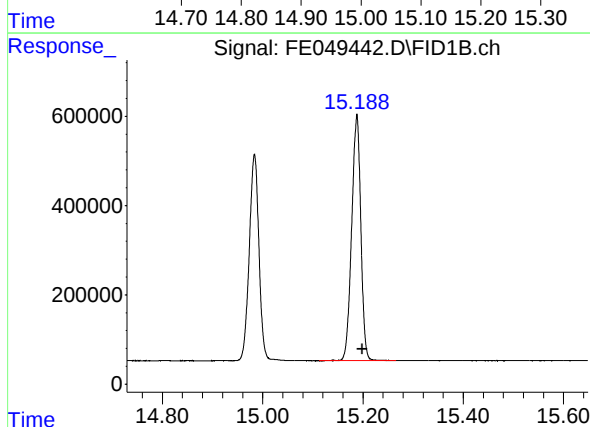
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

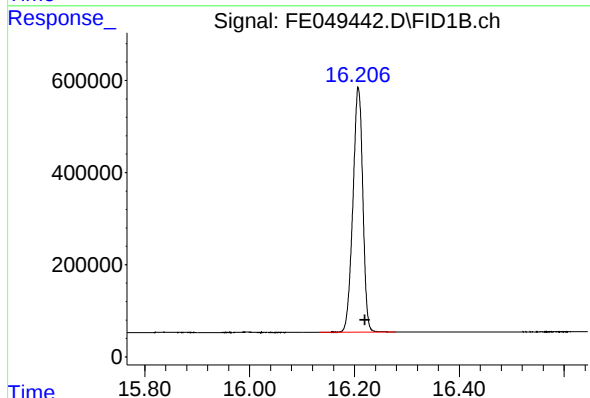
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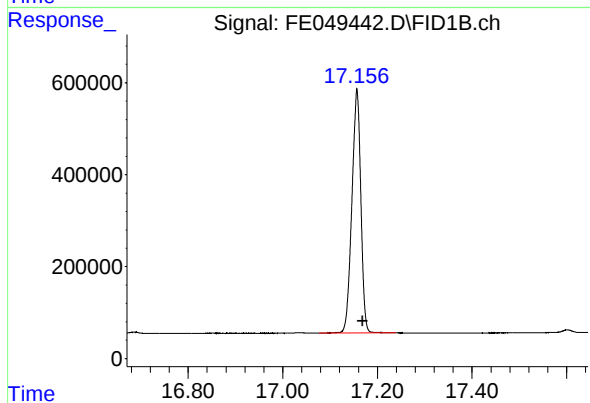
#10 N-TETRACOSANE

R.T.: 15.188 min
Delta R.T.: -0.011 min
Response: 6984363
Conc: 50.11 ug/ml



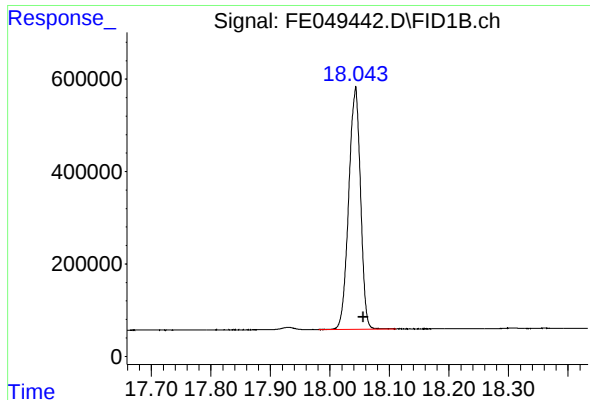
#11 N-HEXACOSANE

R.T.: 16.207 min
Delta R.T.: -0.012 min
Response: 6977205
Conc: 50.01 ug/ml



#12 N-OCTACOSANE

R.T.: 17.157 min
Delta R.T.: -0.012 min
Response: 6978971
Conc: 49.74 ug/ml



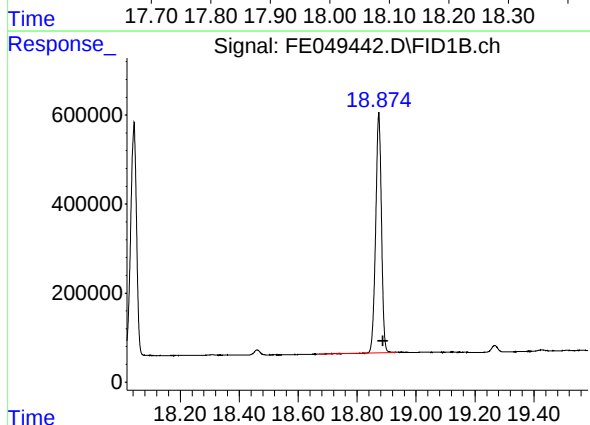
#13 N-TRIACONTANE

R.T.: 18.043 min
Delta R.T.: -0.013 min
Response: 7189680
Conc: 50.38 ug/ml

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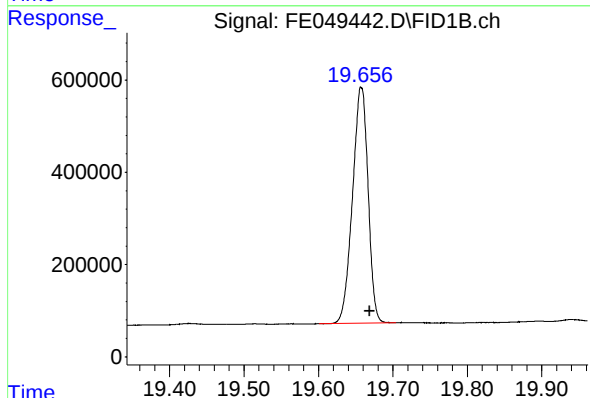
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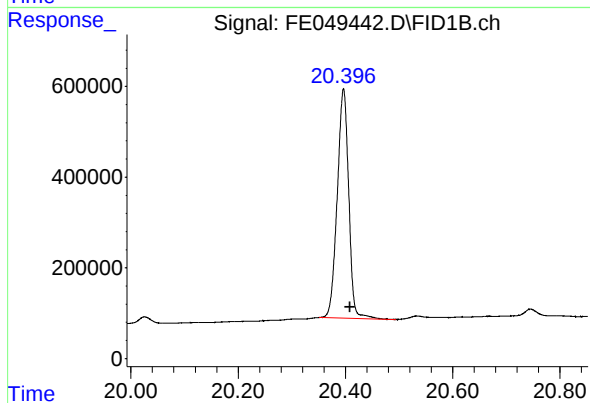
#14 N-DOTRIACONTANE

R.T.: 18.874 min
Delta R.T.: -0.014 min
Response: 7331212
Conc: 52.20 ug/ml



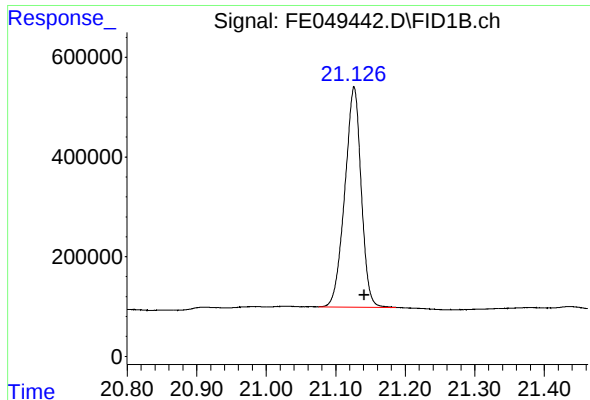
#15 N-TETRATRIACONTANE

R.T.: 19.658 min
Delta R.T.: -0.011 min
Response: 7444003
Conc: 61.19 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.397 min
Delta R.T.: -0.012 min
Response: 7502910
Conc: 73.23 ug/ml



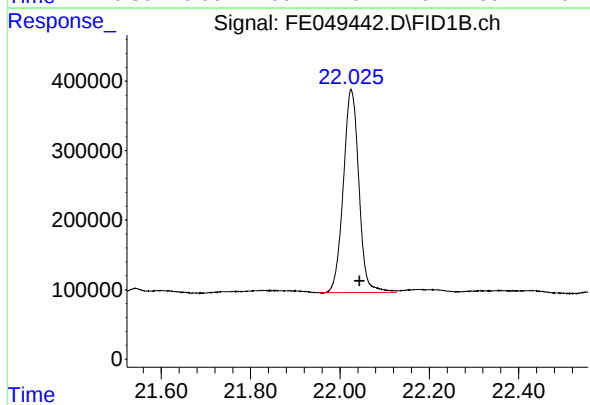
#17 N-OCTATRIACONTANE

R.T.: 21.126 min
Delta R.T.: -0.015 min
Response: 7251118
Conc: 76.85 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.025 min
Delta R.T.: -0.019 min
Response: 7058976
Conc: 74.59 ug/ml