

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080224\
 Data File : FE049408.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2024 22:22
 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 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
 Quant Time: Aug 03 03:22:27 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...	14.989	5685150	44.457 ug/ml
Target Compounds			
1) N-OCTANE	2.018	6646063	47.295 ug/ml
2) N-DECANE	4.537	6633955	47.336 ug/ml
3) N-DODECANE	6.707	6649991	46.800 ug/ml
4) N-TETRADECANE	8.535	6709623	47.404 ug/ml
5) N-HEXADECANE	10.142	6639534	47.142 ug/ml
6) N-OCTADECANE	11.584	6692941	46.651 ug/ml
7) N-EICOSANE	12.893	6699183	47.522 ug/ml
8) N-DOCOSANE	14.090	6477130	46.532 ug/ml
10) N-TETRACOSANE	15.192	6458978	46.338 ug/ml
11) N-HEXACOSANE	16.213	6458590	46.288 ug/ml
12) N-OCTACOSANE	17.161	6437778	45.879 ug/ml
13) N-TRIACONTANE	18.049	6592698	46.201 ug/ml
14) N-DOTRIACONTANE	18.880	6599857	46.990 ug/ml
15) N-TETRATRIACONTANE	19.663	6613792	54.362 ug/ml
16) N-HEXATRIACONTANE	20.403	6468695	63.137 ug/ml
17) N-OCTATRIACONTANE	21.134	6371784	67.533 ug/ml
18) N-TETRACONTANE	22.035	6384716	67.463 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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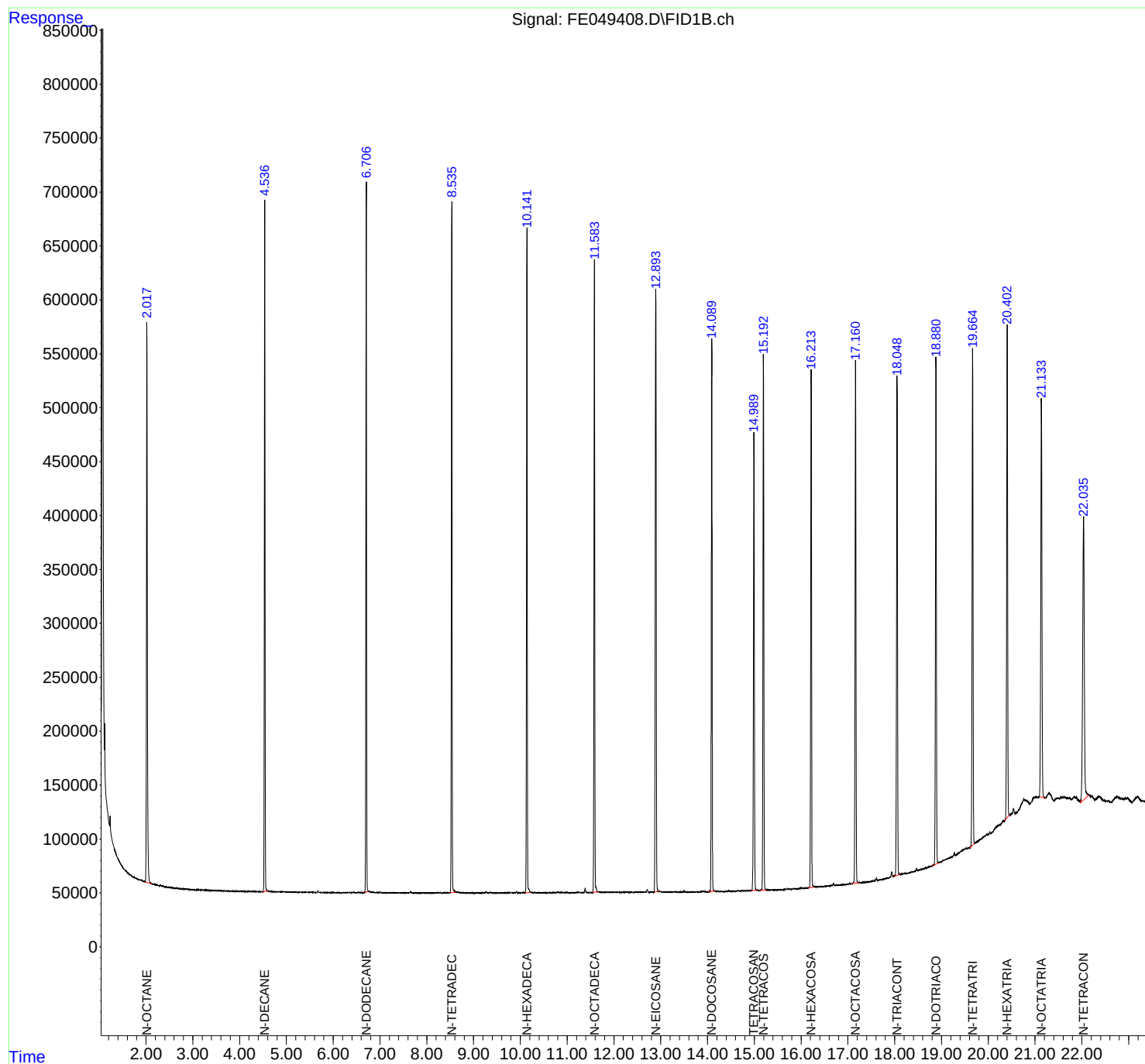
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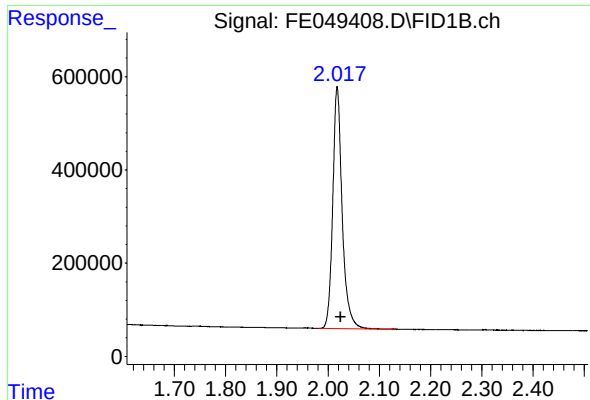
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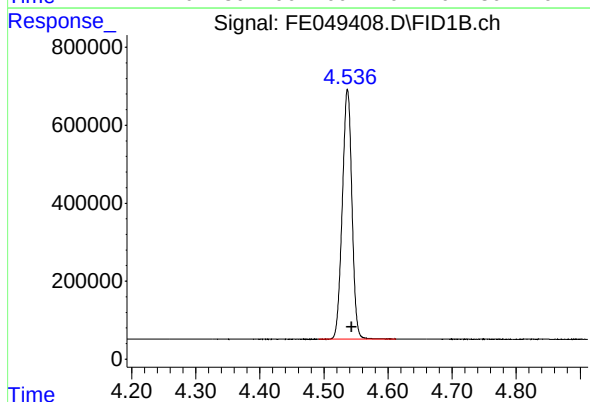
#1 N-OCTANE

R.T.: 2.018 min
Delta R.T.: -0.006 min
Response: 6646063
Conc: 47.29 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

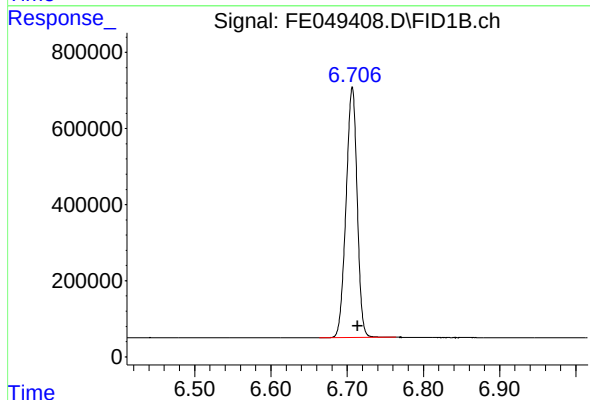
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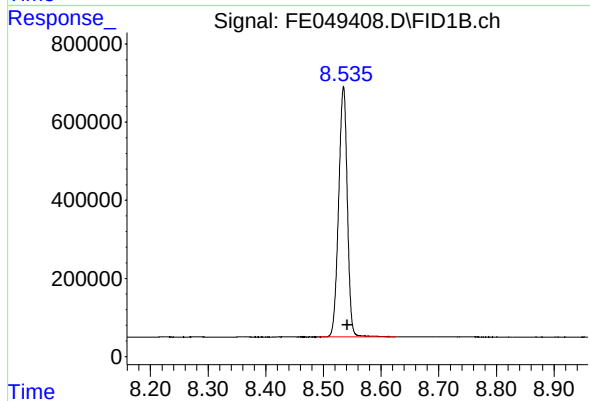
#2 N-DECANE

R.T.: 4.537 min
Delta R.T.: -0.007 min
Response: 6633955
Conc: 47.34 ug/ml



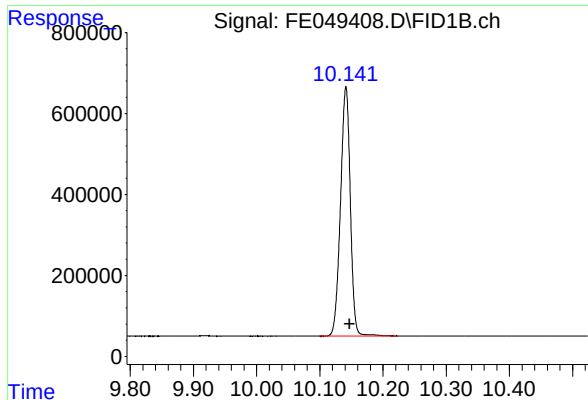
#3 N-DODECANE

R.T.: 6.707 min
Delta R.T.: -0.007 min
Response: 6649991
Conc: 46.80 ug/ml



#4 N-TETRADECANE

R.T.: 8.535 min
Delta R.T.: -0.007 min
Response: 6709623
Conc: 47.40 ug/ml



#5 N-HEXADECANE

R.T.: 10.142 min
Delta R.T.: -0.006 min
Response: 6639534
Conc: 47.14 ug/ml

Instrument :

FID_E

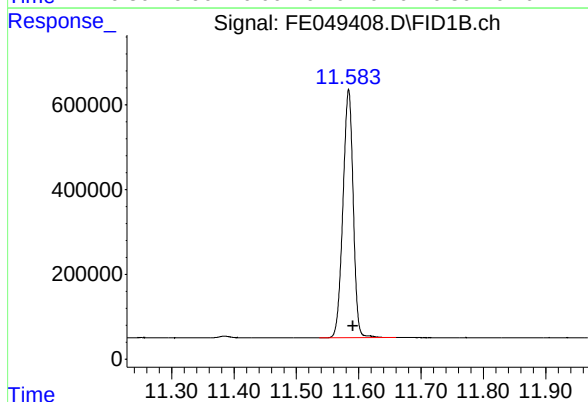
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

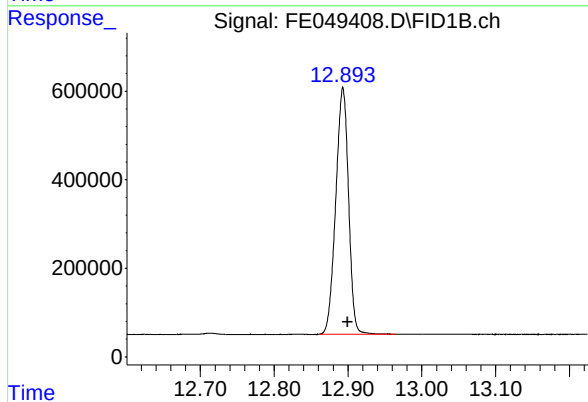
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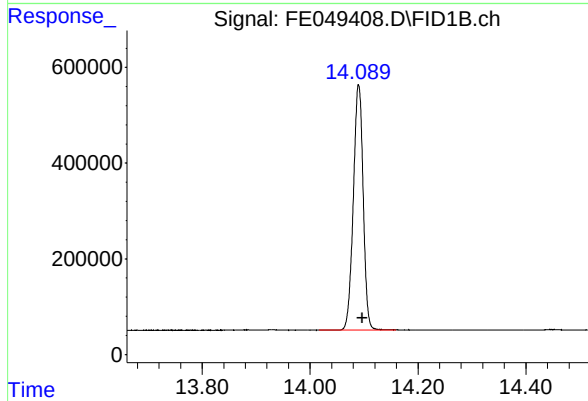
#6 N-OCTADECANE

R.T.: 11.584 min
Delta R.T.: -0.007 min
Response: 6692941
Conc: 46.65 ug/ml



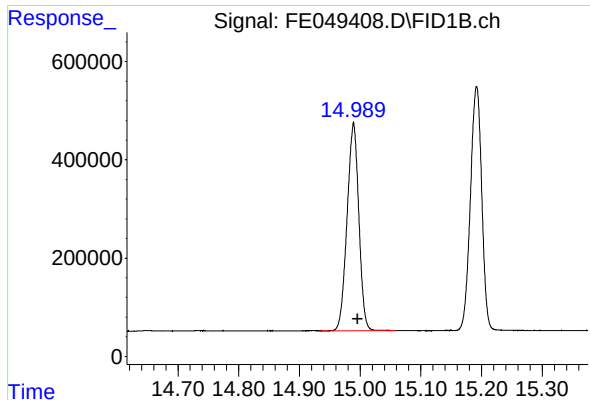
#7 N-EICOSANE

R.T.: 12.893 min
Delta R.T.: -0.006 min
Response: 6699183
Conc: 47.52 ug/ml



#8 N-DOCOSANE

R.T.: 14.090 min
Delta R.T.: -0.007 min
Response: 6477130
Conc: 46.53 ug/ml



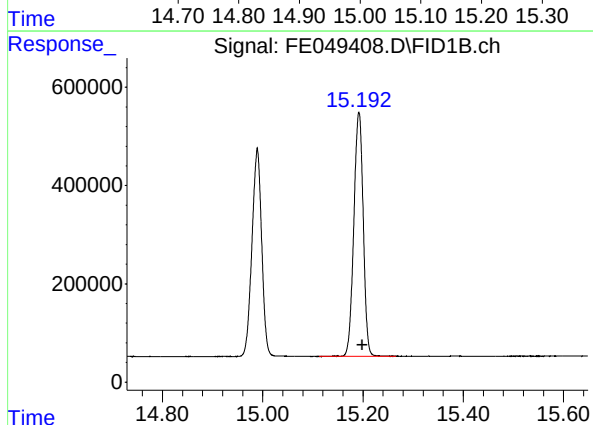
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.989 min
Delta R.T.: -0.007 min
Response: 5685150
Conc: 44.46 ug/ml

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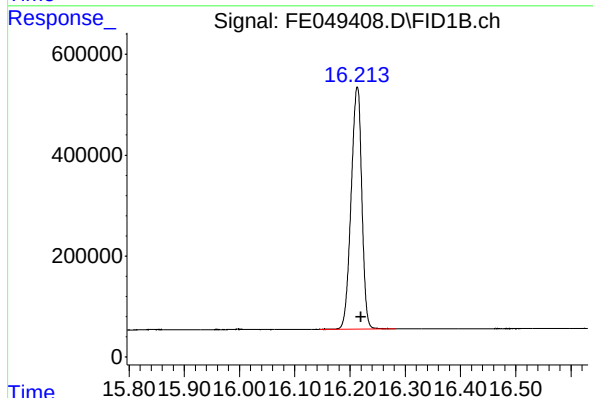
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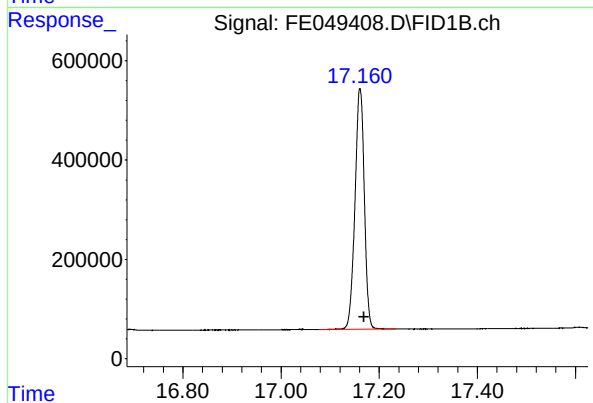
#10 N-TETRACOSANE

R.T.: 15.192 min
Delta R.T.: -0.007 min
Response: 6458978
Conc: 46.34 ug/ml



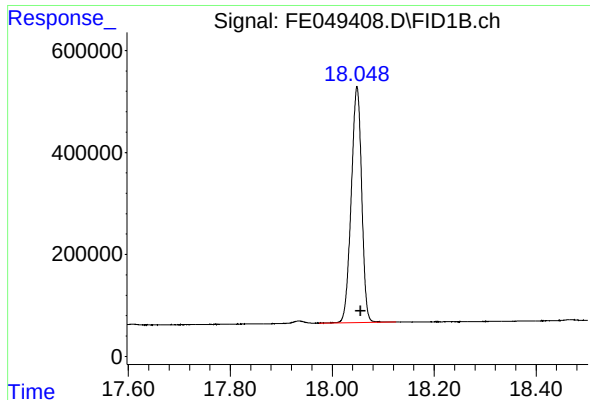
#11 N-HEXACOSANE

R.T.: 16.213 min
Delta R.T.: -0.006 min
Response: 6458590
Conc: 46.29 ug/ml



#12 N-OCTACOSANE

R.T.: 17.161 min
Delta R.T.: -0.008 min
Response: 6437778
Conc: 45.88 ug/ml



#13 N-TRIACONTANE

R.T.: 18.049 min
Delta R.T.: -0.007 min
Response: 6592698
Conc: 46.20 ug/ml

Instrument :

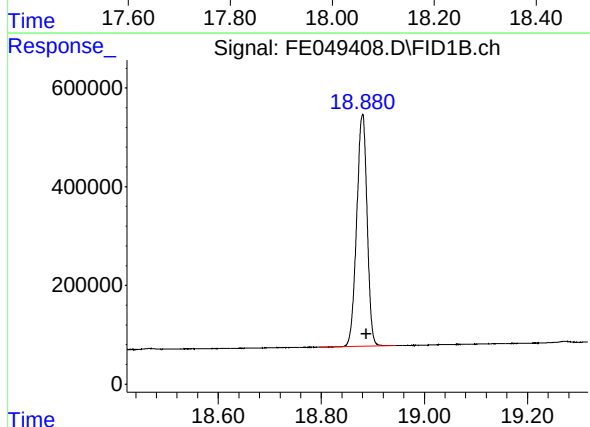
FID_E

ClientSampleId :

50 PPM TRPH STD

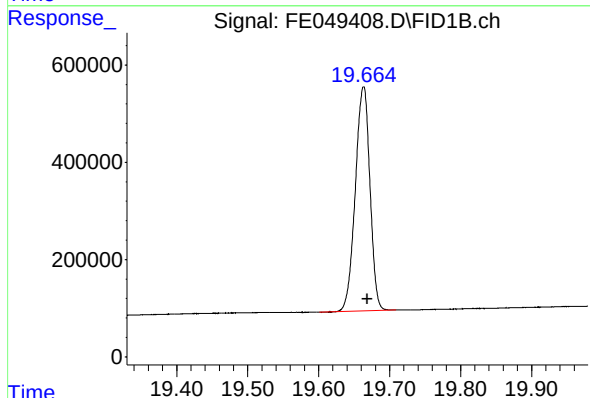
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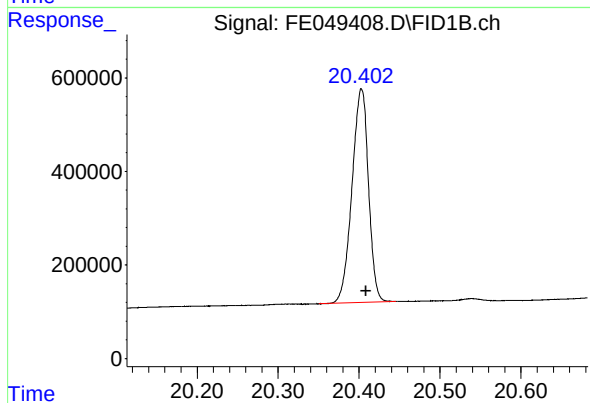
#14 N-DOTRIACONTANE

R.T.: 18.880 min
Delta R.T.: -0.008 min
Response: 6599857
Conc: 46.99 ug/ml



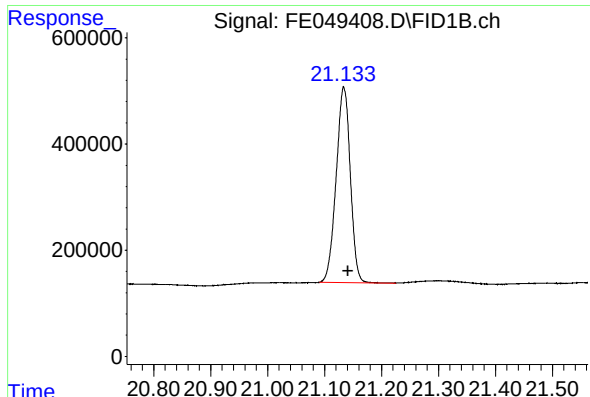
#15 N-TETRATRIACONTANE

R.T.: 19.663 min
Delta R.T.: -0.005 min
Response: 6613792
Conc: 54.36 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.403 min
Delta R.T.: -0.006 min
Response: 6468695
Conc: 63.14 ug/ml



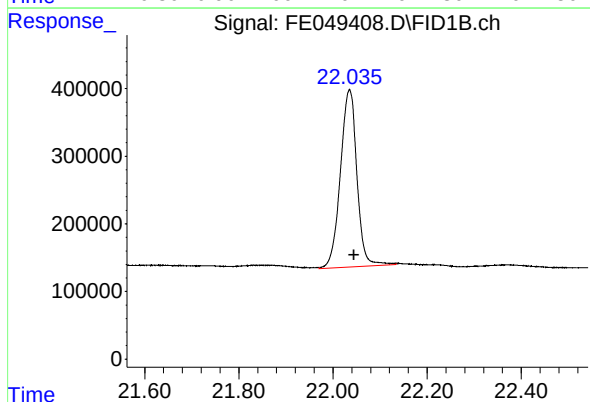
#17 N-OCTATRIACONTANE

R.T.: 21.134 min
Delta R.T.: -0.007 min
Response: 6371784
Conc: 67.53 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.035 min
Delta R.T.: -0.009 min
Response: 6384716
Conc: 67.46 ug/ml m