

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023\
 Data File : FE044035.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2023 17:55
 Operator : YP\AJ
 Sample : 50 TRPH STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :Ankita Jodhani 08/31/2023

Integration File: autoint1.e
 Quant Time: Aug 31 02:38:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE083023.M
 Quant Title :
 QLast Update : Thu Aug 31 02:38:41 2023
 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...	15.036	7318952	50.521 ug/ml
Target Compounds			
1) N-OCTANE	2.045	8141945	51.571 ug/ml
2) N-DECANE	4.577	8451918	51.546 ug/ml
3) N-DODECANE	6.744	8588100	51.865 ug/ml
4) N-TETRADECANE	8.571	8654561	51.788 ug/ml
5) N-HEXADECANE	10.180	8684622	51.630 ug/ml
6) N-OCTADECANE	11.625	8602507	50.675 ug/ml
7) N-EICOSANE	12.937	8609809	51.358 ug/ml
8) N-DOCOSANE	14.136	8363566	50.403 ug/ml
10) N-TETRACOSANE	15.240	8243500	50.568 ug/ml
11) N-HEXACOSANE	16.262	8031294	50.655 ug/ml
12) N-OCTACOSANE	17.212	7811547	50.837 ug/ml
13) N-TRIACONTANE	18.102	7440369	50.903 ug/ml
14) N-DOTRIACONTANE	18.936	6747875	51.228 ug/ml
15) N-TETRATRIACONTANE	19.721	6006587	51.480 ug/ml
16) N-HEXATRIACONTANE	20.460	5301125	51.488 ug/mlm
17) N-OCTATRIACONTANE	21.204	4885802	51.797 ug/mlm
18) N-TETRACONTANE	22.134	4610942	50.883 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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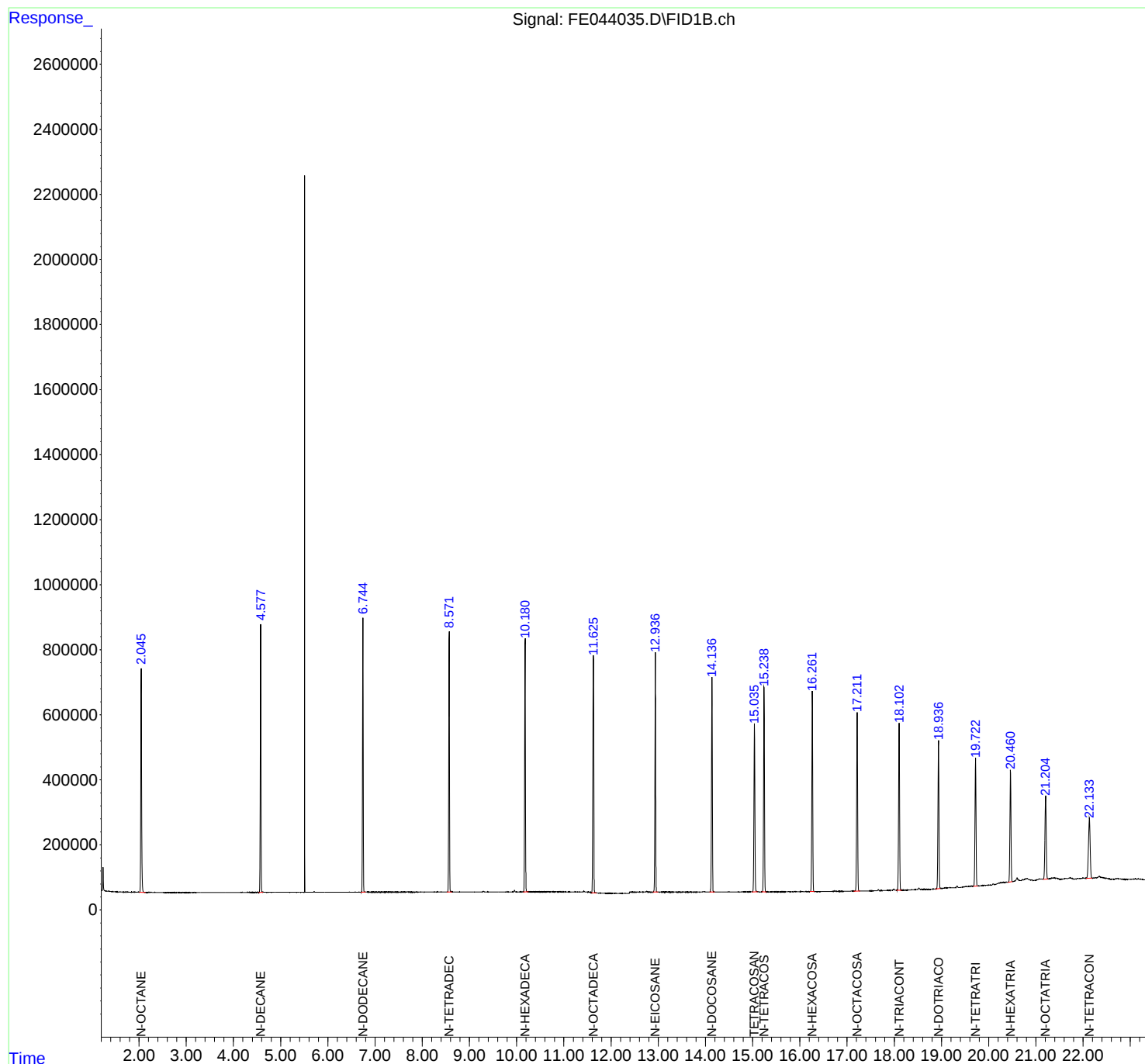
APPROVED

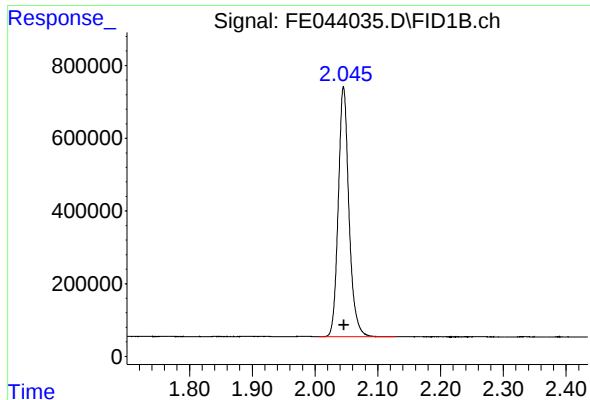
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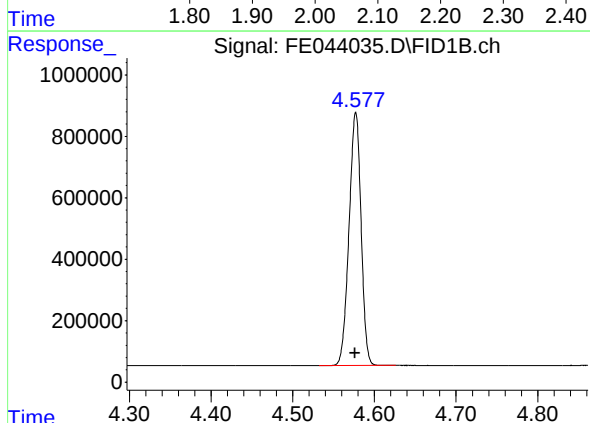
#1 N-OCTANE

R.T.: 2.045 min
Delta R.T.: 0.000 min
Response: 8141945
Conc: 51.57 ug/ml

Instrument :
FID_E
ClientSampleId :
50 TRPH STD

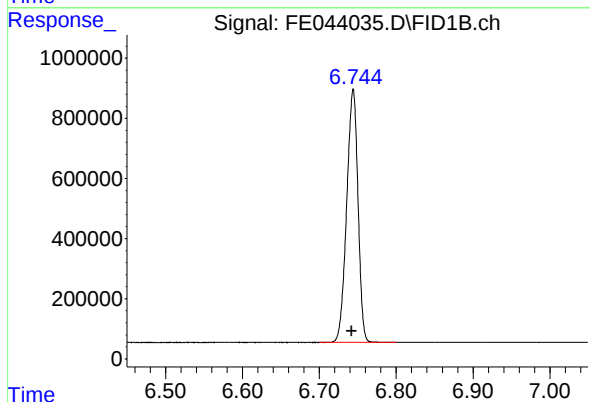
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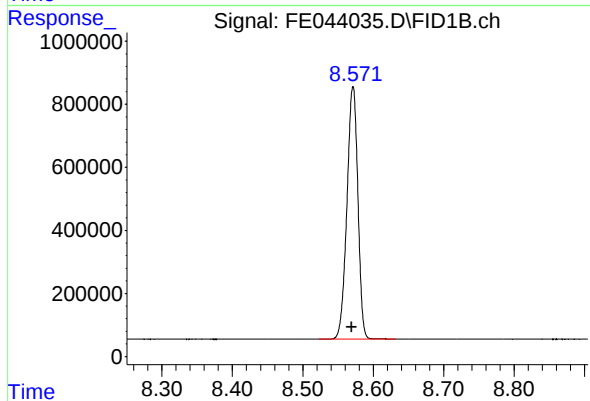
#2 N-DECANE

R.T.: 4.577 min
Delta R.T.: 0.000 min
Response: 8451918
Conc: 51.55 ug/ml



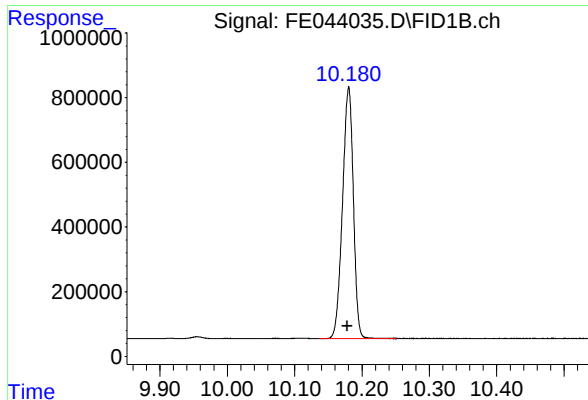
#3 N-DODECANE

R.T.: 6.744 min
Delta R.T.: 0.002 min
Response: 8588100
Conc: 51.87 ug/ml



#4 N-TETRADECANE

R.T.: 8.571 min
Delta R.T.: 0.002 min
Response: 8654561
Conc: 51.79 ug/ml



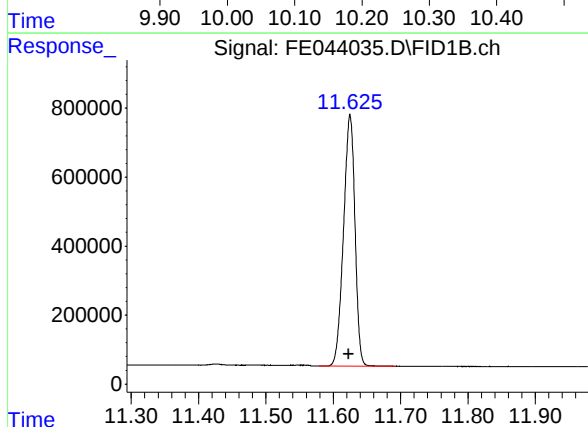
#5 N-HEXADECANE

R.T.: 10.180 min
Delta R.T.: 0.002 min
Response: 8684622
Conc: 51.63 ug/ml

Instrument :
FID_E
ClientSampleId :
50 TRPH STD

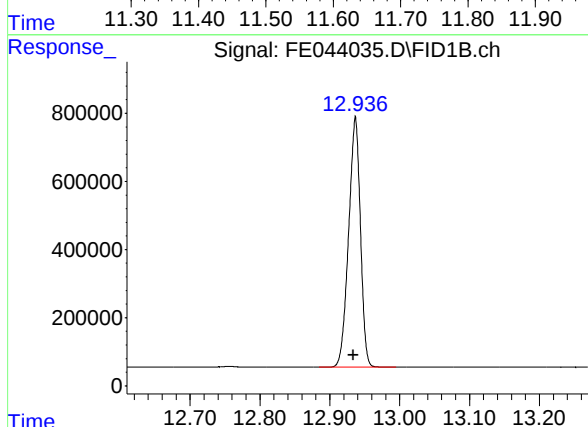
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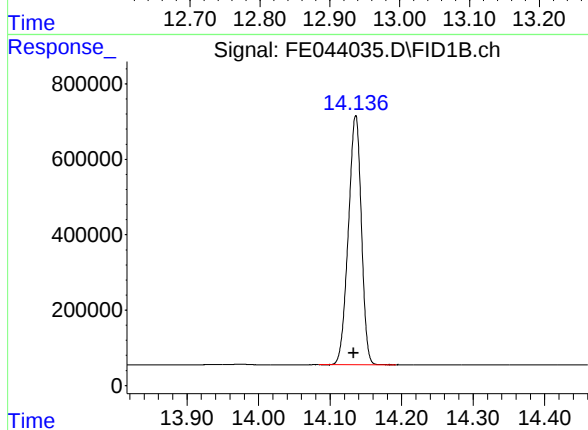
#6 N-OCTADECANE

R.T.: 11.625 min
Delta R.T.: 0.002 min
Response: 8602507
Conc: 50.67 ug/ml



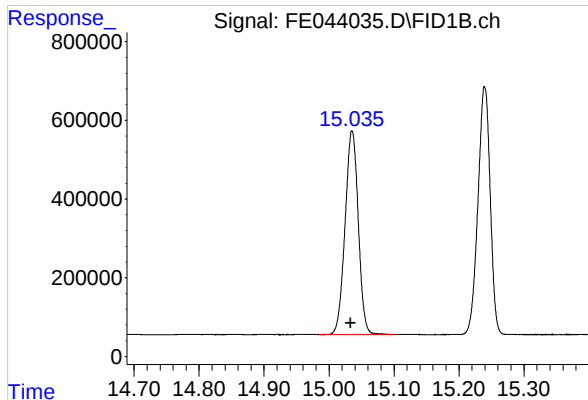
#7 N-EICOSANE

R.T.: 12.937 min
Delta R.T.: 0.003 min
Response: 8609809
Conc: 51.36 ug/ml



#8 N-DOCOSANE

R.T.: 14.136 min
Delta R.T.: 0.003 min
Response: 8363566
Conc: 50.40 ug/ml



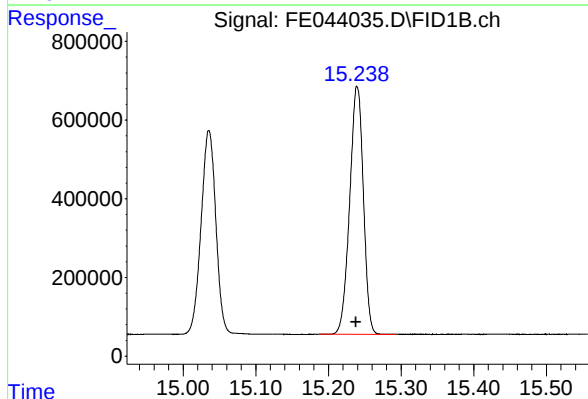
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.036 min
Delta R.T.: 0.002 min
Response: 7318952
Conc: 50.52 ug/ml

Instrument :
FID_E
ClientSampleId :
50 TRPH STD

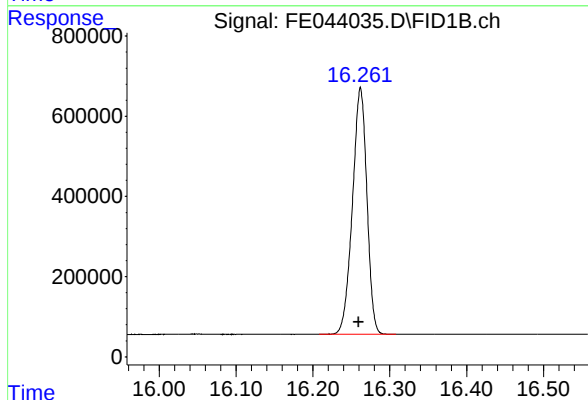
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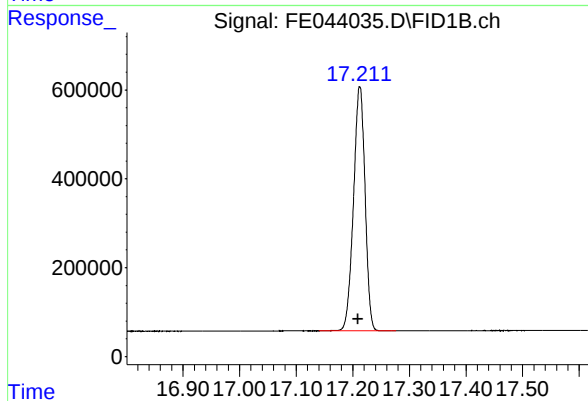
#10 N-TETRACOSANE

R.T.: 15.240 min
Delta R.T.: 0.002 min
Response: 8243500
Conc: 50.57 ug/ml



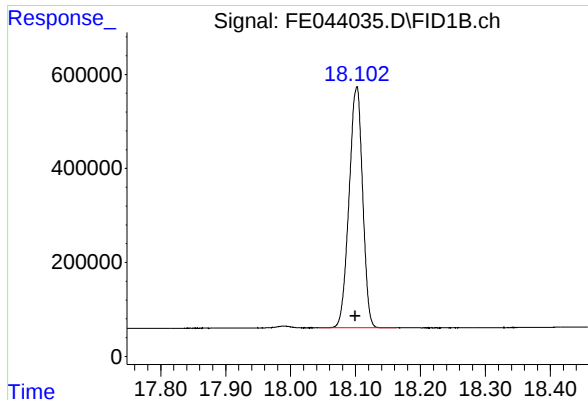
#11 N-HEXACOSANE

R.T.: 16.262 min
Delta R.T.: 0.002 min
Response: 8031294
Conc: 50.66 ug/ml



#12 N-OCTACOSANE

R.T.: 17.212 min
Delta R.T.: 0.003 min
Response: 7811547
Conc: 50.84 ug/ml



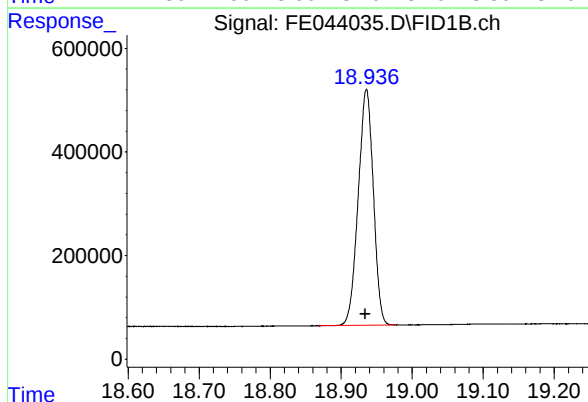
#13 N-TRIACONTANE

R.T.: 18.102 min
Delta R.T.: 0.002 min
Response: 7440369
Conc: 50.90 ug/ml

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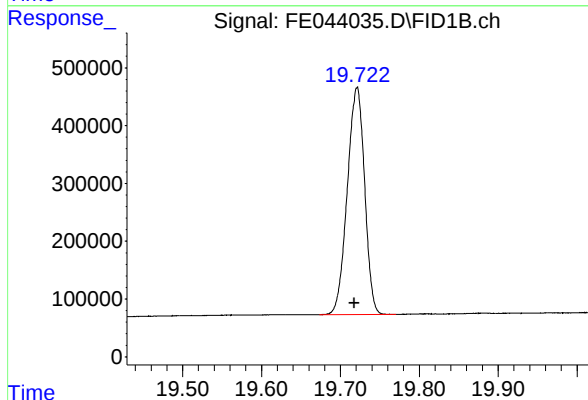
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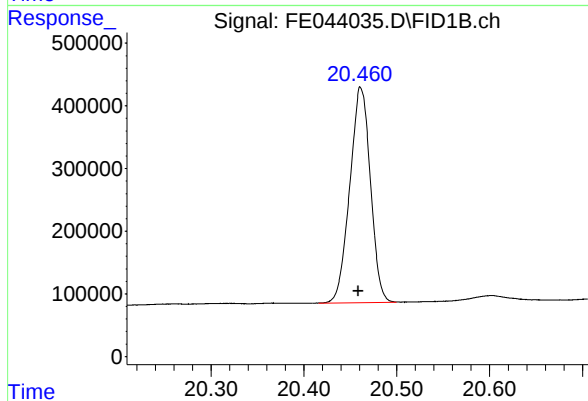
#14 N-DOTRIACONTANE

R.T.: 18.936 min
Delta R.T.: 0.002 min
Response: 6747875
Conc: 51.23 ug/ml



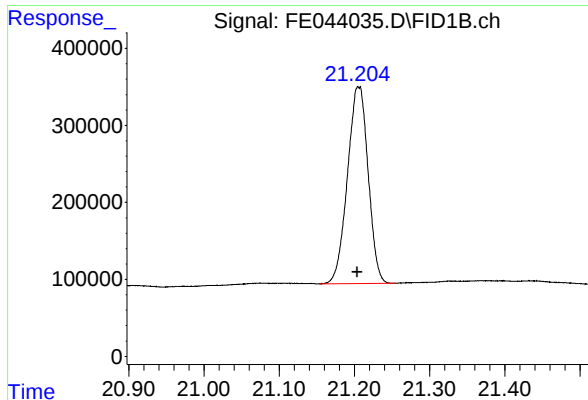
#15 N-TETRATRIACONTANE

R.T.: 19.721 min
Delta R.T.: 0.003 min
Response: 6006587
Conc: 51.48 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.460 min
Delta R.T.: 0.001 min
Response: 5301125
Conc: 51.49 ug/ml m



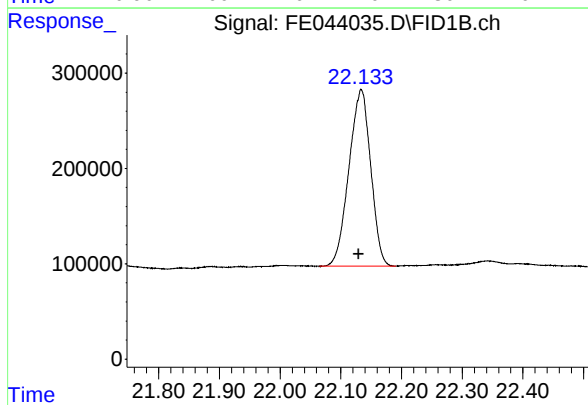
#17 N-OCTATRIACONTANE

R.T.: 21.204 min
Delta R.T.: 0.000 min
Response: 4885802
Conc: 51.80 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.134 min
Delta R.T.: 0.004 min
Response: 4610942
Conc: 50.88 ug/ml