

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050924\
 Data File : FE048049.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2024 16:46
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
 Quant Time: May 10 11:43:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050924.M
 Quant Title :
 QLast Update : Fri May 10 11:42:50 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...	15.058	10952266	99.079 ug/ml
Target Compounds			
1) N-OCTANE	2.077	13238533	98.357 ug/ml
2) N-DECANE	4.603	13257835	99.900 ug/ml
3) N-DODECANE	6.771	13134909	99.709 ug/ml
4) N-TETRADECANE	8.600	12899401	99.750 ug/ml
5) N-HEXADECANE	10.208	12947257	100.105 ug/ml
6) N-OCTADECANE	11.651	13015673	99.768 ug/ml
7) N-EICOSANE	12.962	13025414	99.184 ug/ml
8) N-DOCOSANE	14.160	12506385	99.144 ug/ml
10) N-TETRACOSANE	15.263	12412058	99.172 ug/ml
11) N-HEXACOSANE	16.283	12337537	99.072 ug/ml
12) N-OCTACOSANE	17.232	12223508	98.708 ug/ml
13) N-TRIACONTANE	18.121	12420614	98.614 ug/ml
14) N-DOTRIACONTANE	18.953	12676811	99.721 ug/ml
15) N-TETRATRIACONTANE	19.735	11983962	99.339 ug/ml
16) N-HEXATRIACONTANE	20.476	11591493	98.659 ug/ml
17) N-OCTATRIACONTANE	21.216	10908991	98.826 ug/ml
18) N-TETRACONTANE	22.144	10651215	97.095 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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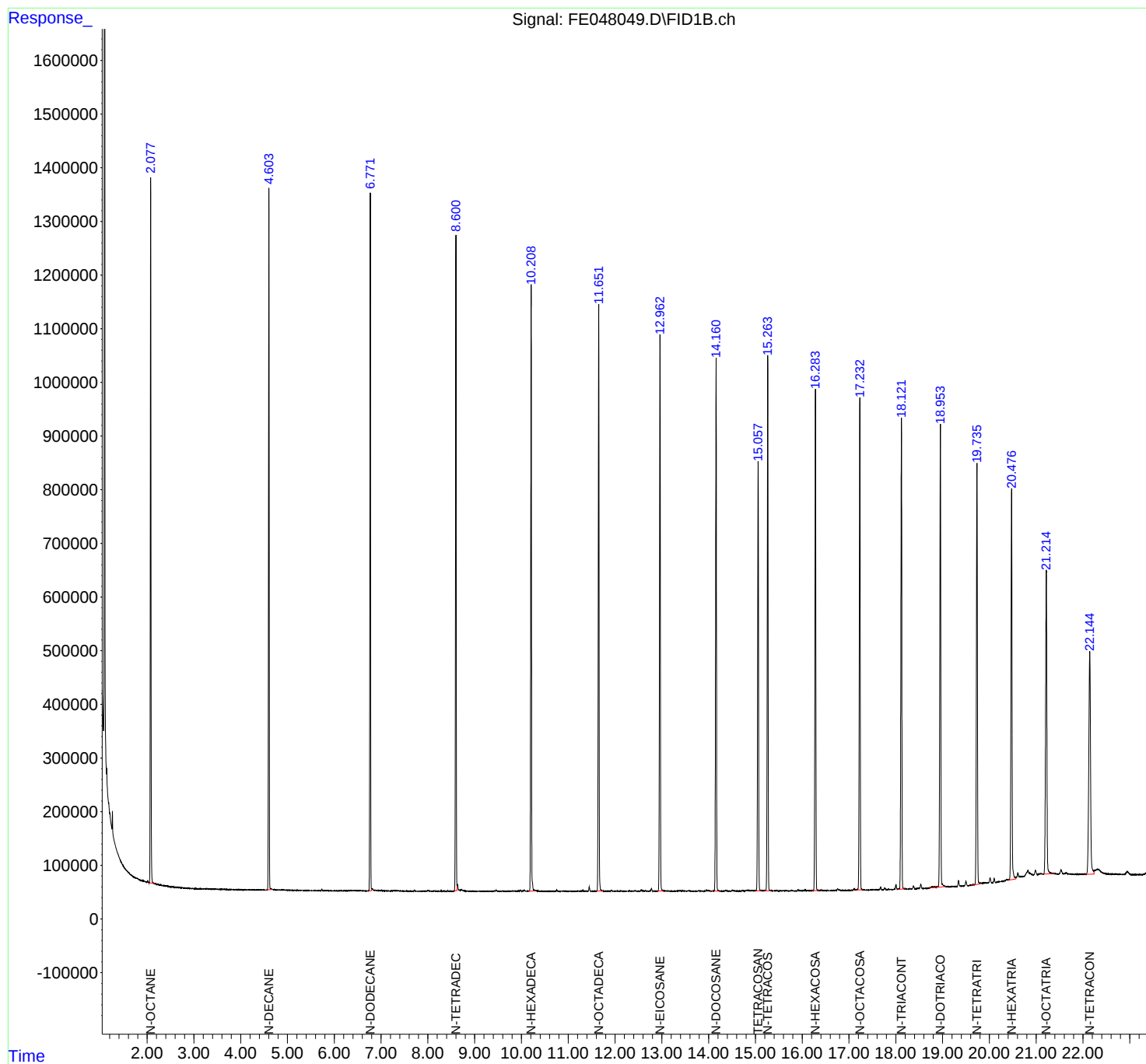
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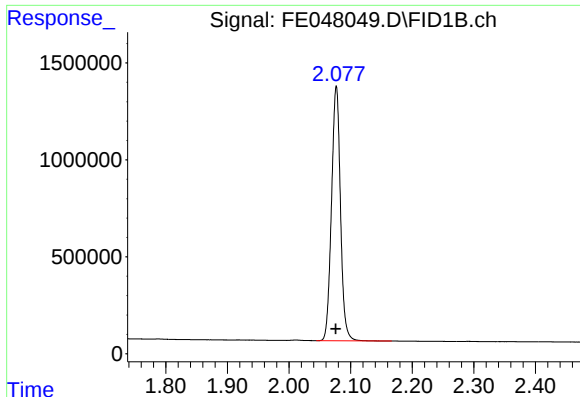
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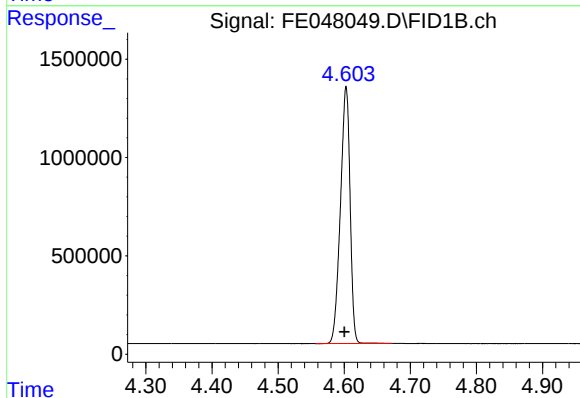
#1 N-OCTANE

R.T.: 2.077 min
Delta R.T.: 0.000 min
Response: 13238533
Conc: 98.36 ug/ml

Instrument :
FID_E
ClientSampleId :
100 TRPH STD

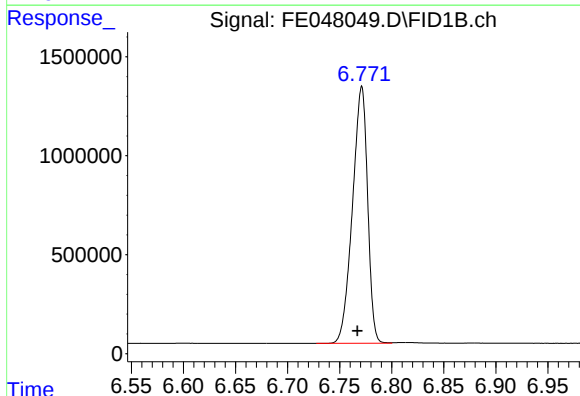
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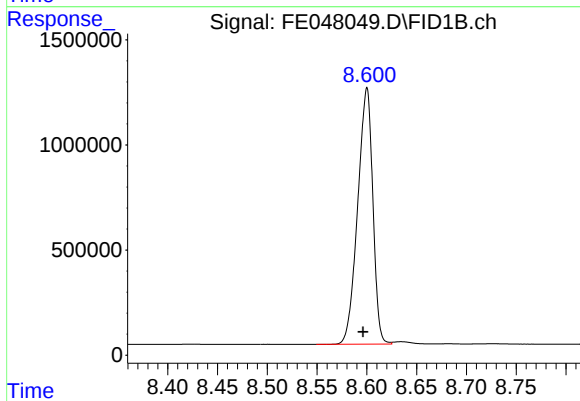
#2 N-DECANE

R.T.: 4.603 min
Delta R.T.: 0.003 min
Response: 13257835
Conc: 99.90 ug/ml



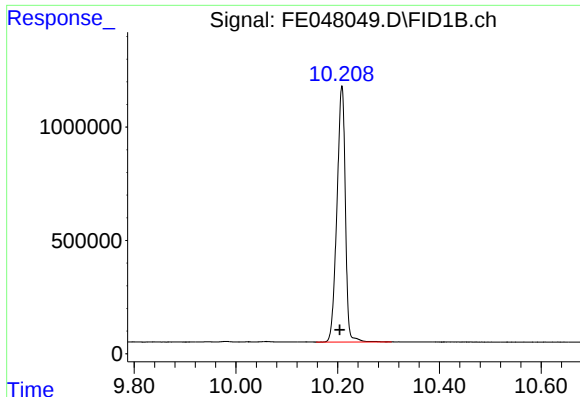
#3 N-DODECANE

R.T.: 6.771 min
Delta R.T.: 0.004 min
Response: 13134909
Conc: 99.71 ug/ml



#4 N-TETRADECANE

R.T.: 8.600 min
Delta R.T.: 0.004 min
Response: 12899401
Conc: 99.75 ug/ml



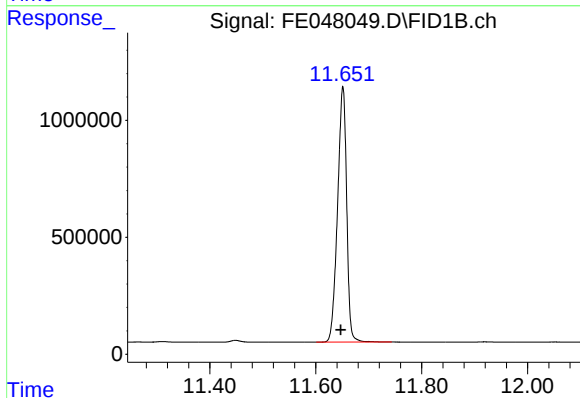
#5 N-HEXADECANE

R.T.: 10.208 min
Delta R.T.: 0.004 min
Response: 12947257
Conc: 100.11 ug/ml

Instrument :
FID_E
ClientSampleId :
100 TRPH STD

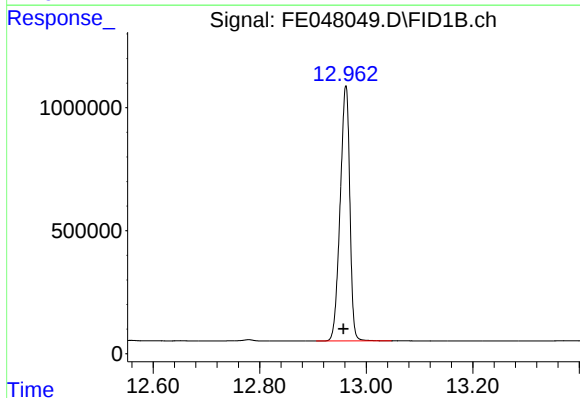
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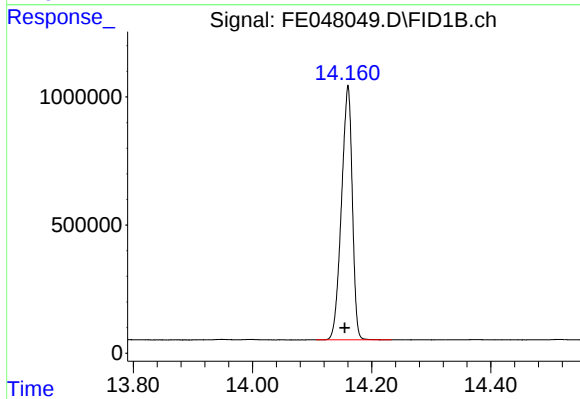
#6 N-OCTADECANE

R.T.: 11.651 min
Delta R.T.: 0.004 min
Response: 13015673
Conc: 99.77 ug/ml



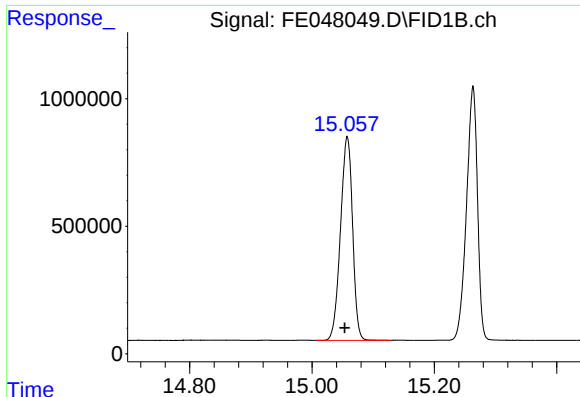
#7 N-EICOSANE

R.T.: 12.962 min
Delta R.T.: 0.005 min
Response: 13025414
Conc: 99.18 ug/ml



#8 N-DOCOSANE

R.T.: 14.160 min
Delta R.T.: 0.006 min
Response: 12506385
Conc: 99.14 ug/ml



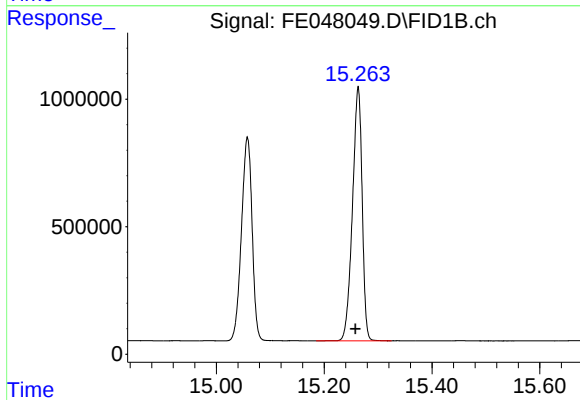
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.058 min
Delta R.T.: 0.004 min
Response: 10952266
Conc: 99.08 ug/ml

Instrument :
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100 TRPH STD

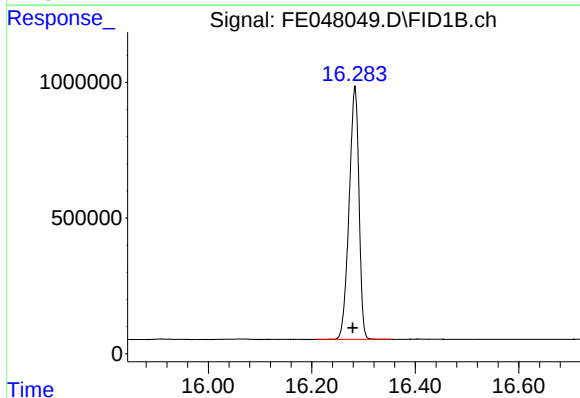
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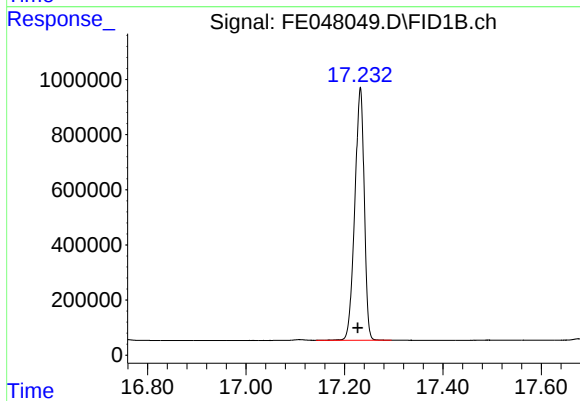
#10 N-TETRACOSANE

R.T.: 15.263 min
Delta R.T.: 0.005 min
Response: 12412058
Conc: 99.17 ug/ml



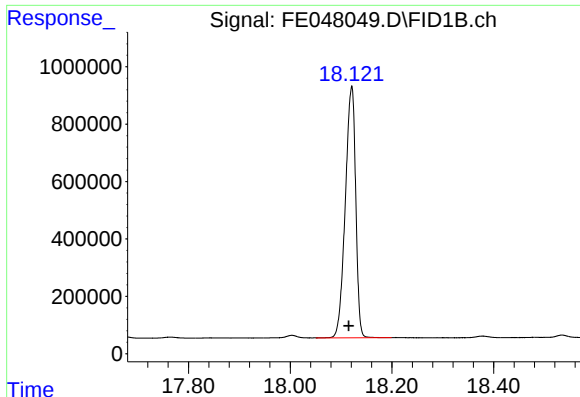
#11 N-HEXACOSANE

R.T.: 16.283 min
Delta R.T.: 0.004 min
Response: 12337537
Conc: 99.07 ug/ml



#12 N-OCTACOSANE

R.T.: 17.232 min
Delta R.T.: 0.005 min
Response: 12223508
Conc: 98.71 ug/ml



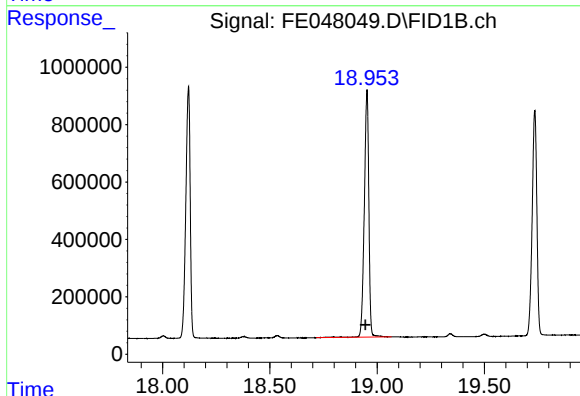
#13 N-TRIACONTANE

R.T.: 18.121 min
Delta R.T.: 0.006 min
Response: 12420614
Conc: 98.61 ug/ml

Instrument :
FID_E
ClientSampleId :
100 TRPH STD

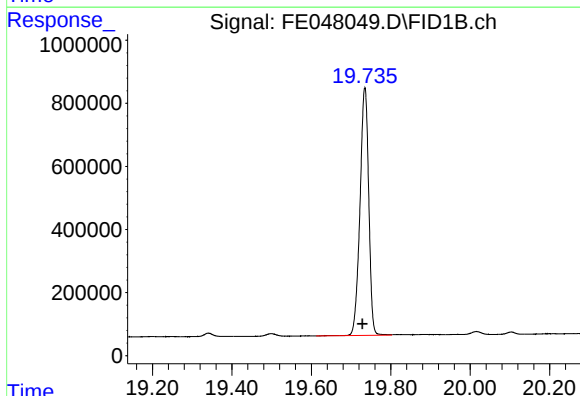
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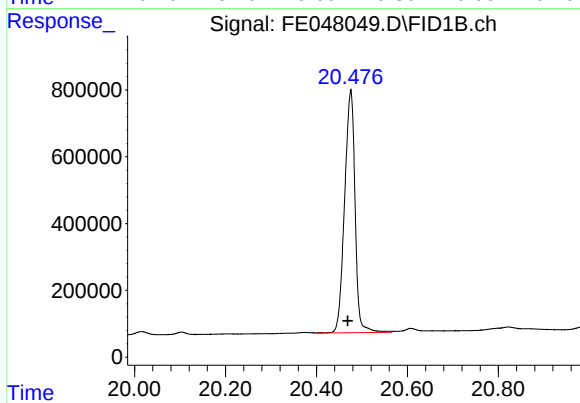
#14 N-DOTRIACONTANE

R.T.: 18.953 min
Delta R.T.: 0.007 min
Response: 12676811
Conc: 99.72 ug/ml



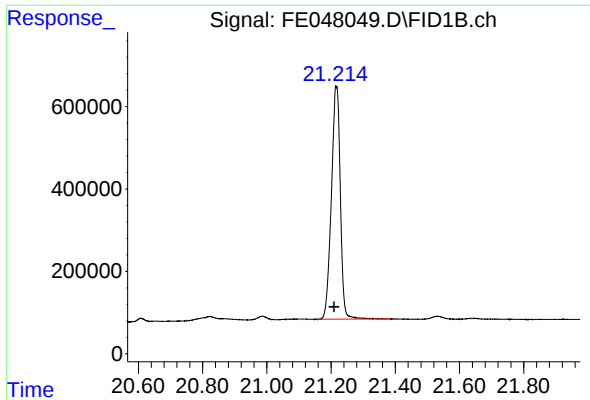
#15 N-TETRATRIACONTANE

R.T.: 19.735 min
Delta R.T.: 0.006 min
Response: 11983962
Conc: 99.34 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.476 min
Delta R.T.: 0.007 min
Response: 11591493
Conc: 98.66 ug/ml



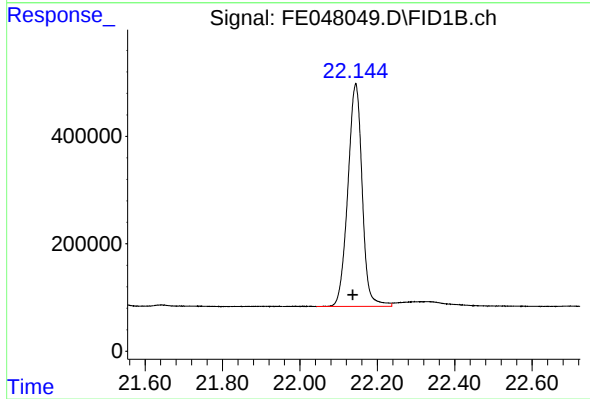
#17 N-OCTATRIACONTANE

R.T.: 21.216 min
Delta R.T.: 0.006 min
Response: 10908991
Conc: 98.83 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.144 min
Delta R.T.: 0.008 min
Response: 10651215
Conc: 97.09 ug/ml