

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023\
 Data File : FE044037.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2023 18:57
 Operator : YP\AJ
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 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 02:40:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE083023.M
 Quant Title :
 QLast Update : Thu Aug 31 02:40:20 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...	15.031	1451546	10.017 ug/mlm
Target Compounds			
1) N-OCTANE	2.045	1648553	10.328 ug/ml
2) N-DECANE	4.574	1698960	10.269 ug/ml
3) N-DODECANE	6.739	1710955	10.248 ug/ml
4) N-TETRADECANE	8.567	1729656	10.260 ug/ml
5) N-HEXADECANE	10.175	1730293	10.213 ug/ml
6) N-OCTADECANE	11.620	1741350	10.192 ug/ml
7) N-EICOSANE	12.931	1705949	10.132 ug/ml
8) N-DOCOSANE	14.130	1672164	10.058 ug/ml
10) N-TETRACOSANE	15.234	1639258	10.042 ug/ml
11) N-HEXACOSANE	16.256	1604629	10.090 ug/ml
12) N-OCTACOSANE	17.207	1565342	10.140 ug/ml
13) N-TRIACONTANE	18.096	1512002	10.256 ug/ml
14) N-DOTRIACONTANE	18.930	1395546	10.439 ug/ml
15) N-TETRATRIACONTANE	19.715	1225171	10.371 ug/ml
16) N-HEXATRIACONTANE	20.458	1073255	10.330 ug/mlm
17) N-OCTATRIACONTANE	21.200	998133	10.416 ug/mlm
18) N-TETRACONTANE	22.128	1017231	10.892 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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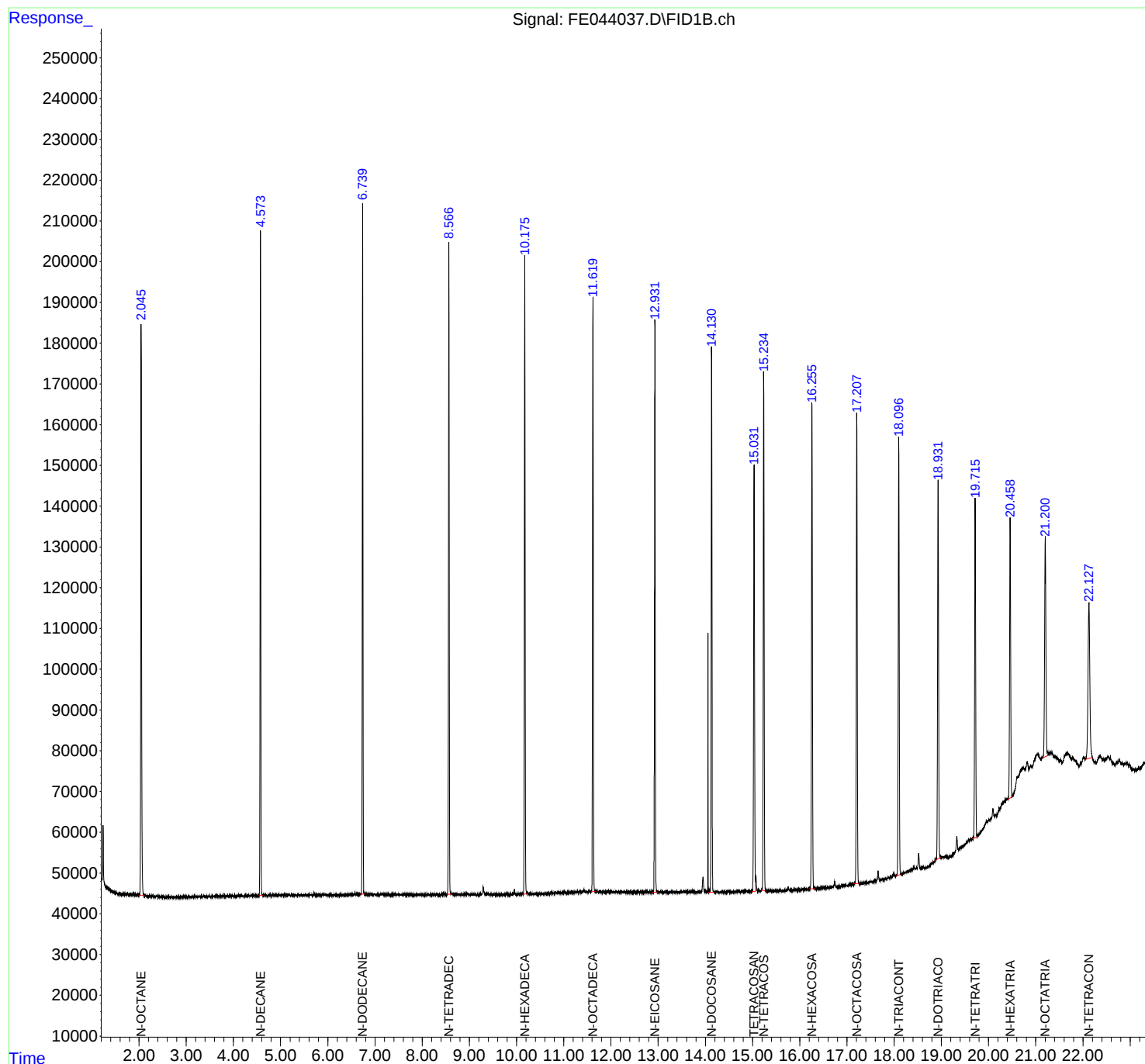
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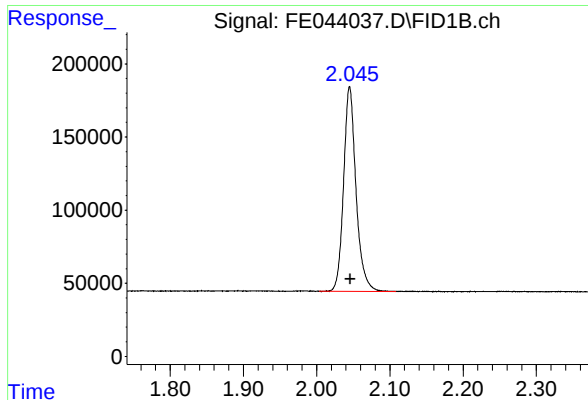
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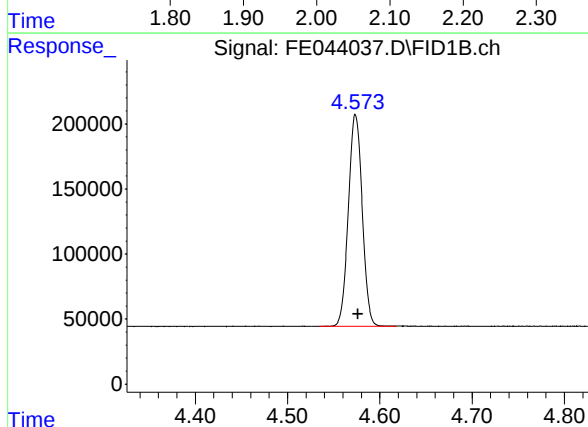
#1 N-OCTANE

R.T.: 2.045 min
Delta R.T.: 0.000 min
Response: 1648553
Conc: 10.33 ug/ml

Instrument :
FID_E
ClientSampleId :
10 TRPH STD

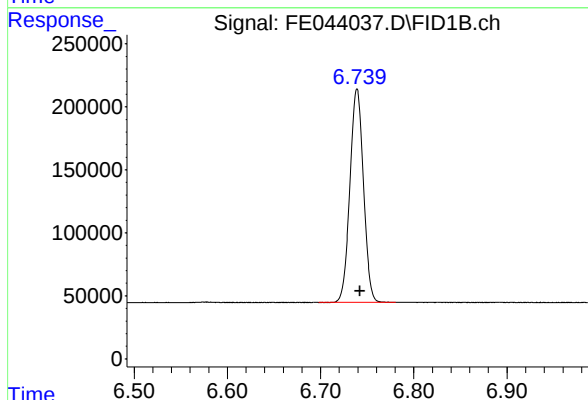
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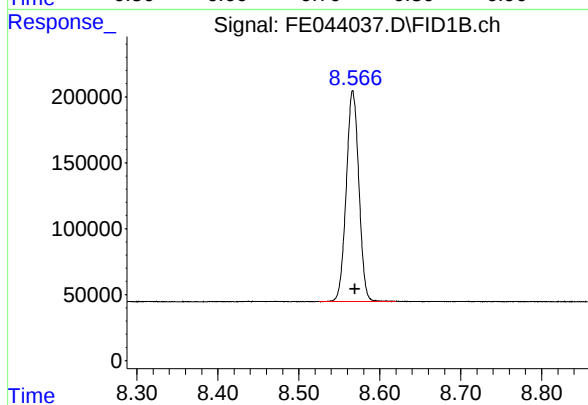
#2 N-DECANE

R.T.: 4.574 min
Delta R.T.: -0.003 min
Response: 1698960
Conc: 10.27 ug/ml



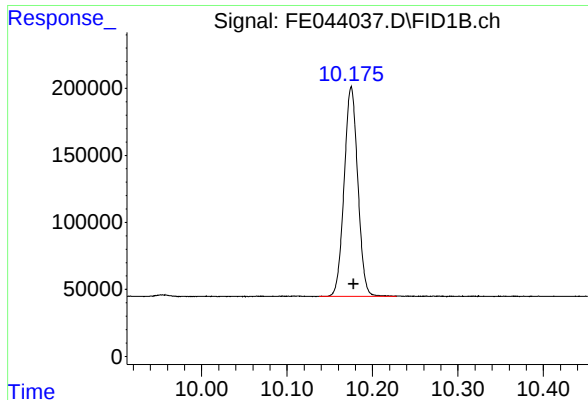
#3 N-DODECANE

R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 1710955
Conc: 10.25 ug/ml



#4 N-TETRADECANE

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 1729656
Conc: 10.26 ug/ml



#5 N-HEXADECANE

R.T.: 10.175 min
Delta R.T.: -0.003 min
Response: 1730293
Conc: 10.21 ug/ml

Instrument :

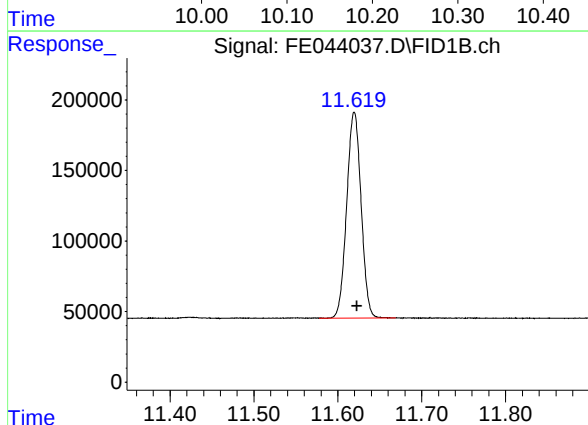
FID_E

ClientSampleId :

10 TRPH STD

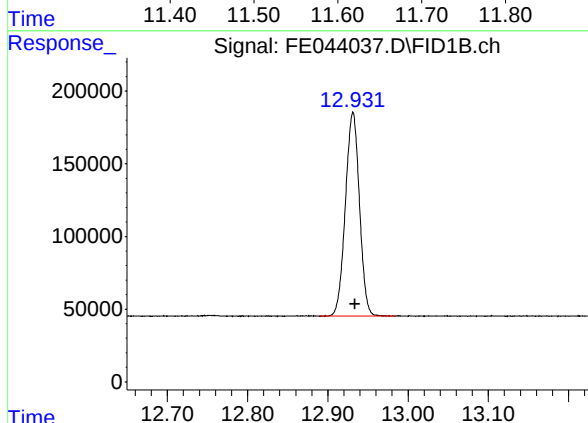
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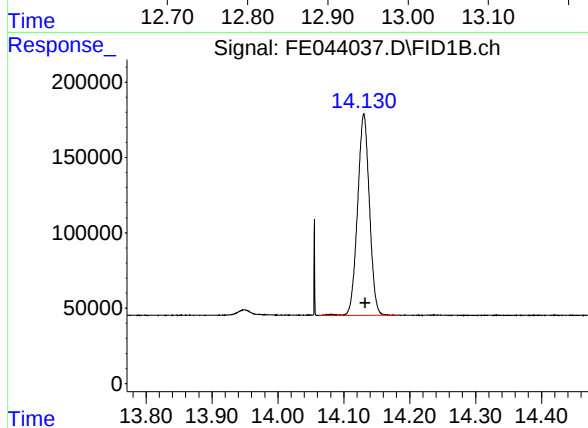
#6 N-OCTADECANE

R.T.: 11.620 min
Delta R.T.: -0.003 min
Response: 1741350
Conc: 10.19 ug/ml



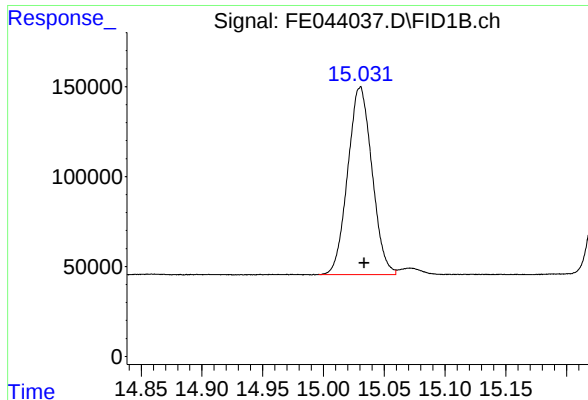
#7 N-EICOSANE

R.T.: 12.931 min
Delta R.T.: -0.002 min
Response: 1705949
Conc: 10.13 ug/ml



#8 N-DOCOSANE

R.T.: 14.130 min
Delta R.T.: -0.003 min
Response: 1672164
Conc: 10.06 ug/ml



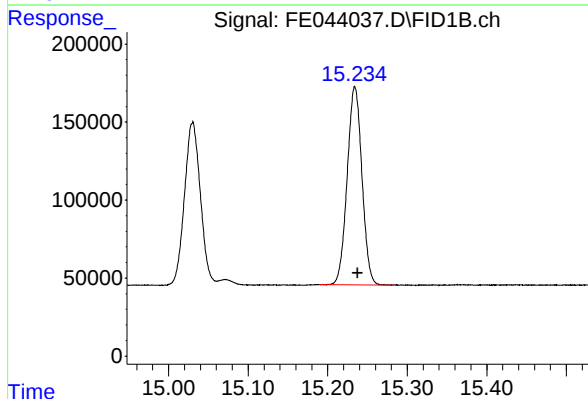
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.031 min
Delta R.T.: -0.003 min
Response: 1451546
Conc: 10.02 ug/ml

Instrument :
FID_E
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10 TRPH STD

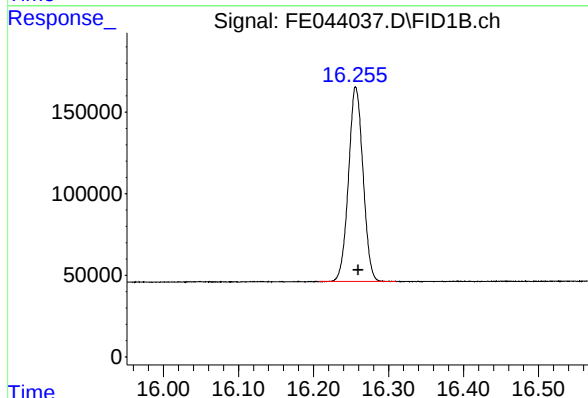
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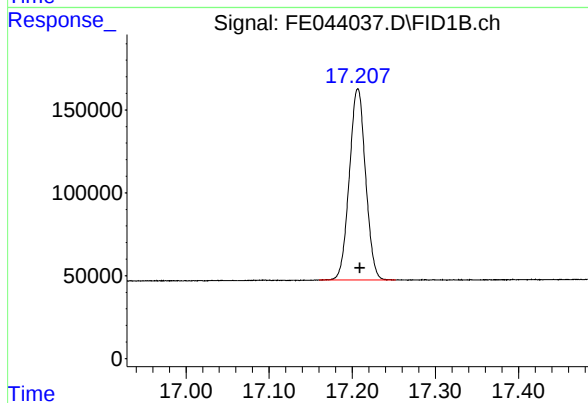
#10 N-TETRACOSANE

R.T.: 15.234 min
Delta R.T.: -0.004 min
Response: 1639258
Conc: 10.04 ug/ml



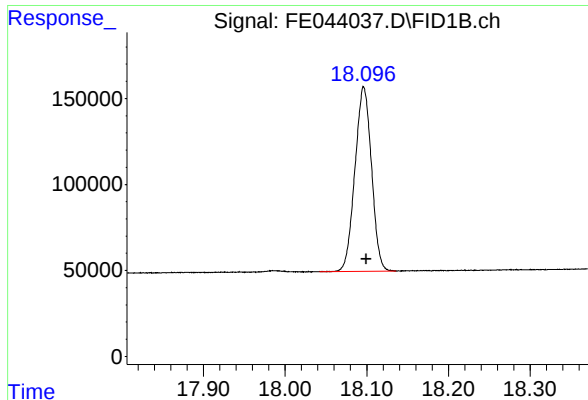
#11 N-HEXACOSANE

R.T.: 16.256 min
Delta R.T.: -0.004 min
Response: 1604629
Conc: 10.09 ug/ml



#12 N-OCTACOSANE

R.T.: 17.207 min
Delta R.T.: -0.003 min
Response: 1565342
Conc: 10.14 ug/ml



#13 N-TRIACONTANE

R.T.: 18.096 min
Delta R.T.: -0.003 min
Response: 1512002
Conc: 10.26 ug/ml

Instrument :

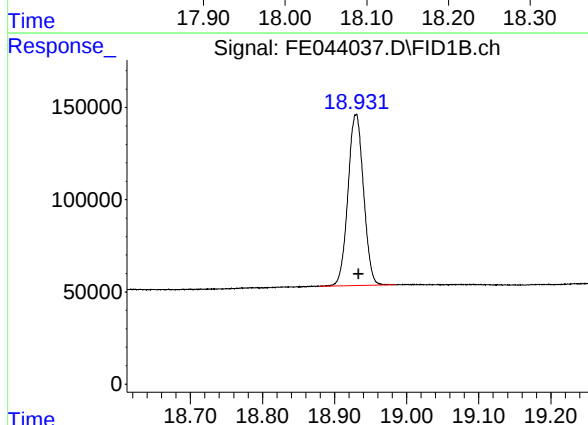
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ClientSampleId :

10 TRPH STD

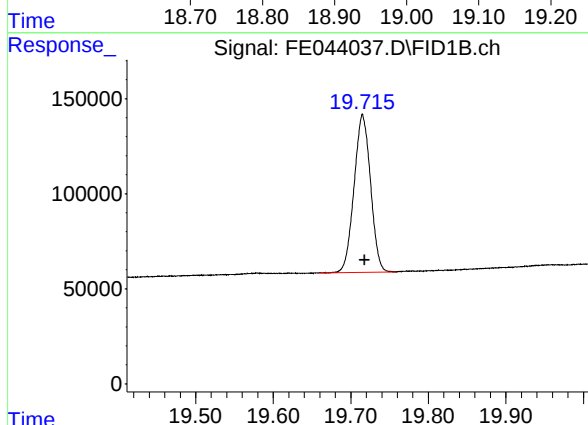
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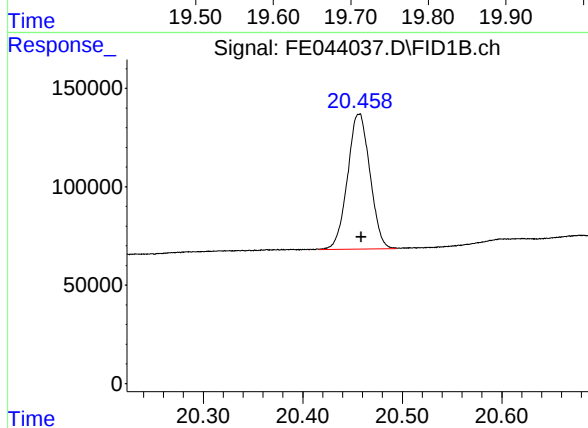
#14 N-DOTRIACONTANE

R.T.: 18.930 min
Delta R.T.: -0.004 min
Response: 1395546
Conc: 10.44 ug/ml



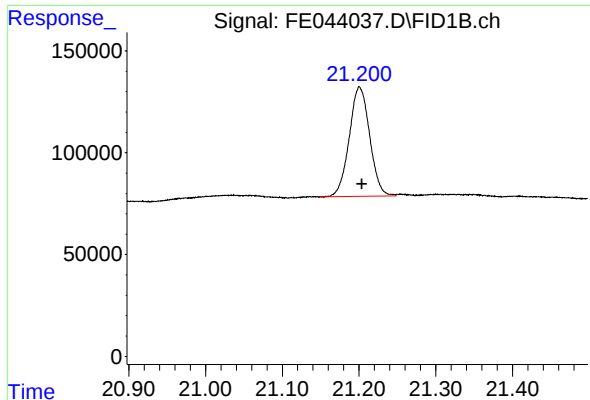
#15 N-TETRATRIACONTANE

R.T.: 19.715 min
Delta R.T.: -0.003 min
Response: 1225171
Conc: 10.37 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.458 min
Delta R.T.: -0.001 min
Response: 1073255
Conc: 10.33 ug/ml m



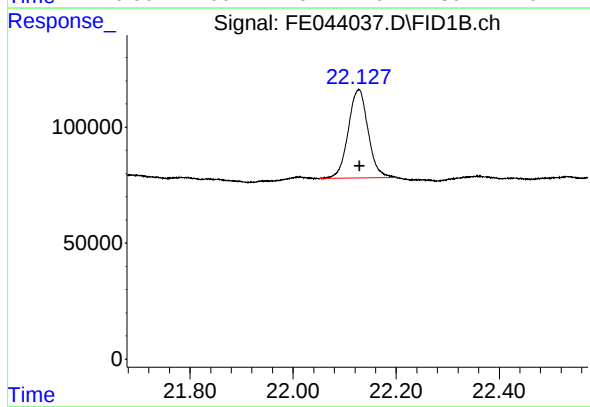
#17 N-OCTATRIACONTANE

R.T.: 21.200 min
Delta R.T.: -0.004 min
Response: 998133
Conc: 10.42 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.128 min
Delta R.T.: -0.002 min
Response: 1017231
Conc: 10.89 ug/ml