

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050924\
 Data File : FE048062.D
 Signal(s) : FID1B.ch
 Acq On : 10 May 2024 00:57
 Operator : YP\AJ
 Sample : P2403-05
 Misc : 5PPM SOIL LOQ
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-05-QT2-2024

Integration File: autoint1.e
 Quant Time: May 10 05:24:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050924.M
 Quant Title :
 QLast Update : Fri May 10 01:45:53 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...	15.050	2720887	23.602 ug/ml
Target Compounds			
1) N-OCTANE	2.078	739531	5.238 ug/ml
2) N-DECANE	4.598	848353	6.108 ug/ml
3) N-DODECANE	6.763	842354	6.135 ug/ml
4) N-TETRADECANE	8.591	843509	6.202 ug/ml
5) N-HEXADECANE	10.198	818597	6.101 ug/ml
6) N-OCTADECANE	11.641	829605	6.145 ug/ml
7) N-EICOSANE	12.951	865211	6.333 ug/ml
8) N-DOCOSANE	14.149	843601	6.407 ug/ml
10) N-TETRACOSANE	15.251	863762	6.597 ug/ml
11) N-HEXACOSANE	16.272	859724	6.607 ug/ml
12) N-OCTACOSANE	17.220	878253	6.798 ug/ml
13) N-TRIACONTANE	18.108	985936	7.416 ug/ml
14) N-DOTRIACONTANE	18.941	1211247	8.445 ug/ml
15) N-TETRATRIACONTANE	19.723	1273744	9.432 ug/ml
16) N-HEXATRIACONTANE	20.464	1458756	11.017 ug/ml
17) N-OCTATRIACONTANE	21.201	1518200	12.218 ug/ml
18) N-TETRACONTANE	22.129	1544555	12.245 ug/ml

(f)=RT Delta > 1/2 Window

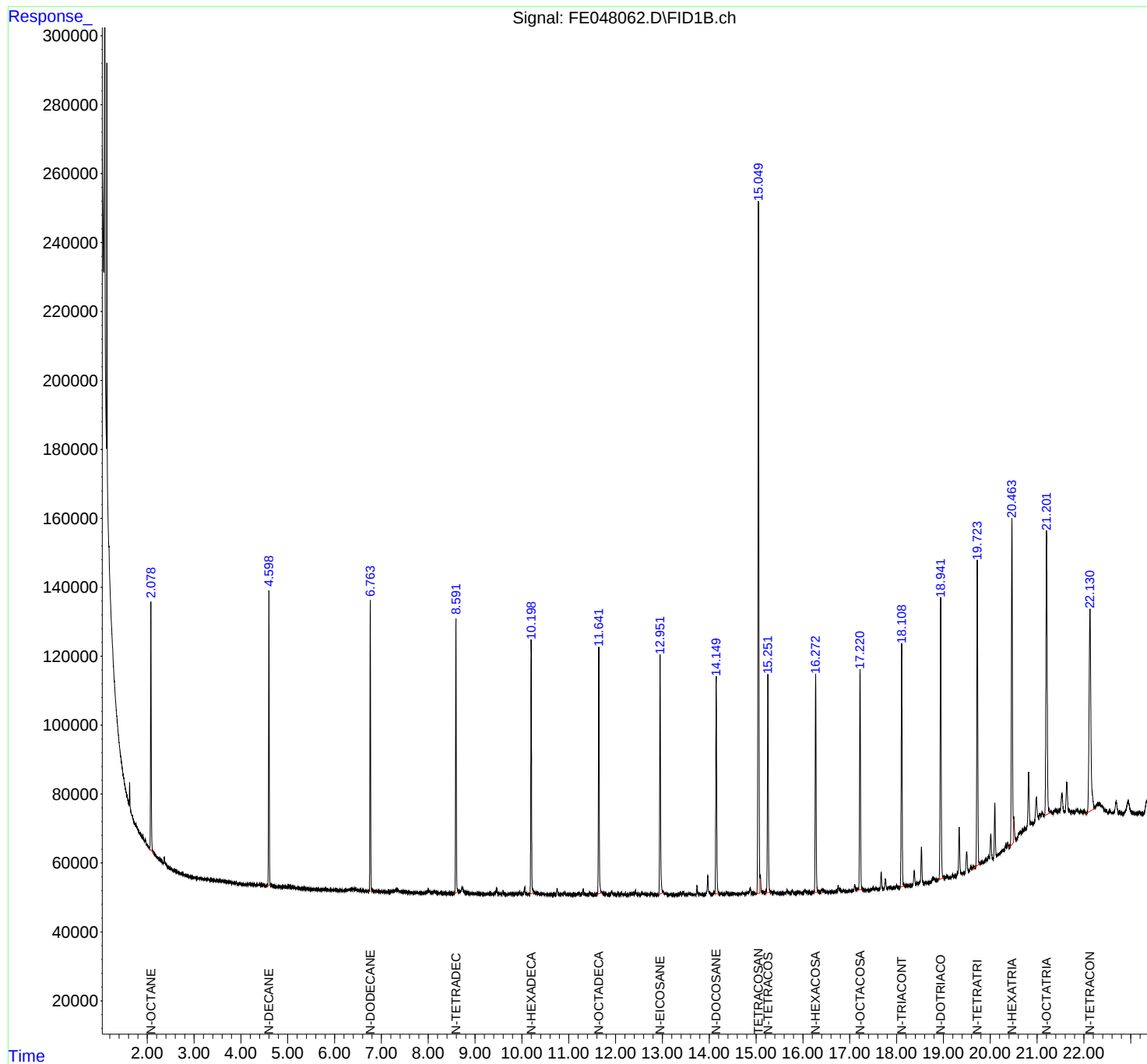
(m)=manual int.

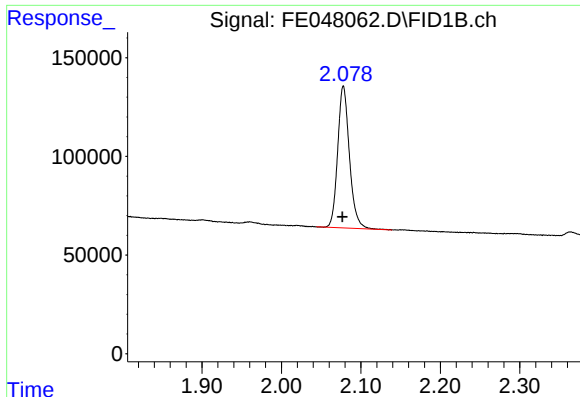
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

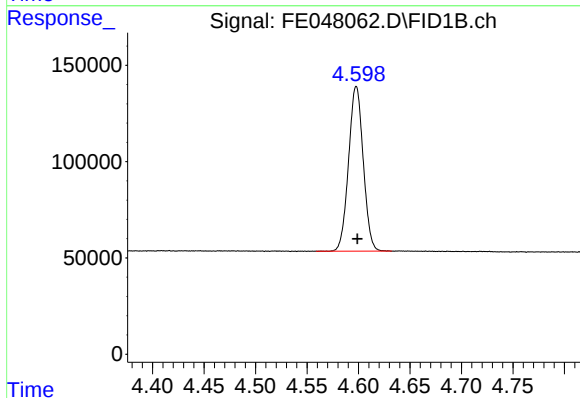




#1 N-OCTANE

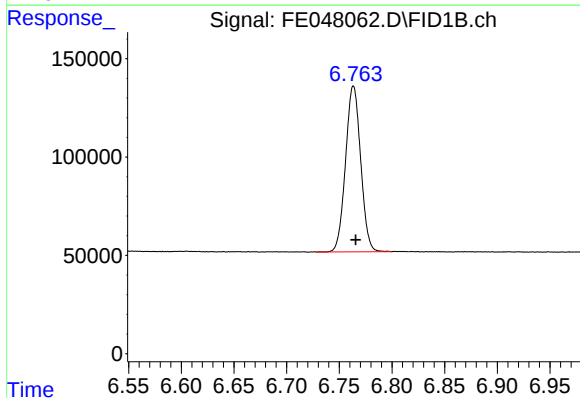
R.T.: 2.078 min
Delta R.T.: 0.000 min
Response: 739531
Conc: 5.24 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-05-QT2-2024



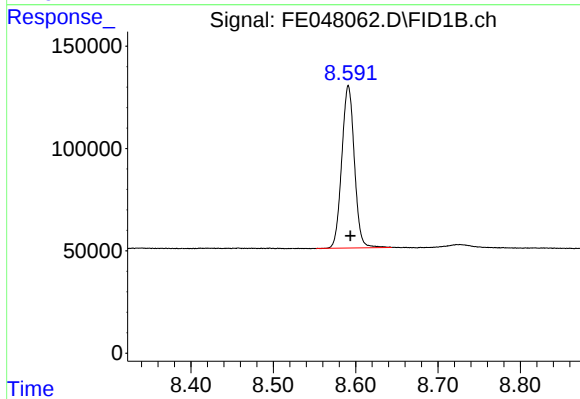
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 848353
Conc: 6.11 ug/ml



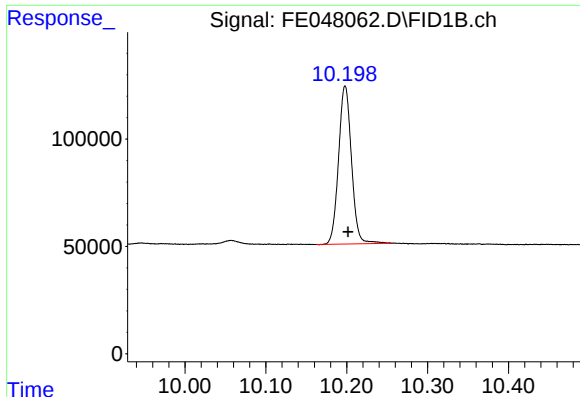
#3 N-DODECANE

R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 842354
Conc: 6.14 ug/ml



#4 N-TETRADECANE

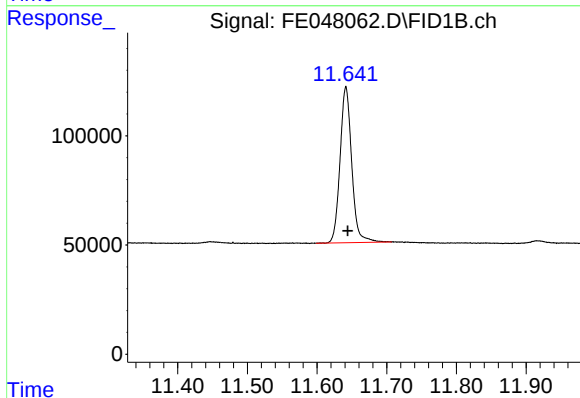
R.T.: 8.591 min
Delta R.T.: -0.003 min
Response: 843509
Conc: 6.20 ug/ml



#5 N-HEXADECANE

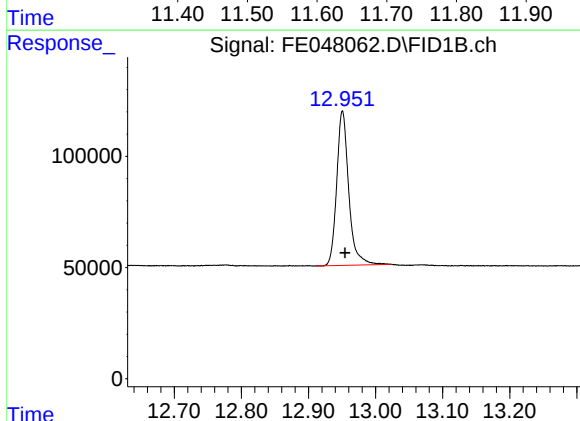
R.T.: 10.198 min
Delta R.T.: -0.004 min
Response: 818597
Conc: 6.10 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-05-QT2-2024



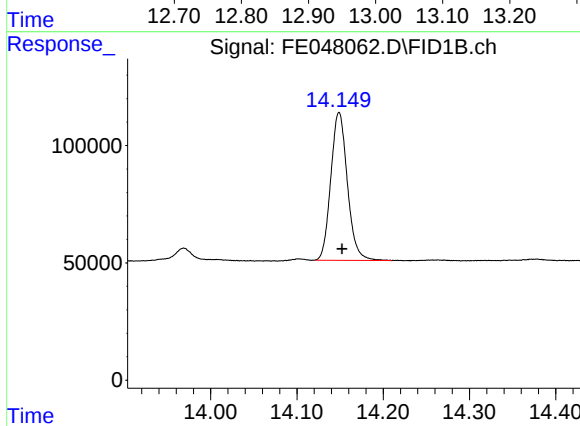
#6 N-OCTADECANE

R.T.: 11.641 min
Delta R.T.: -0.003 min
Response: 829605
Conc: 6.15 ug/ml



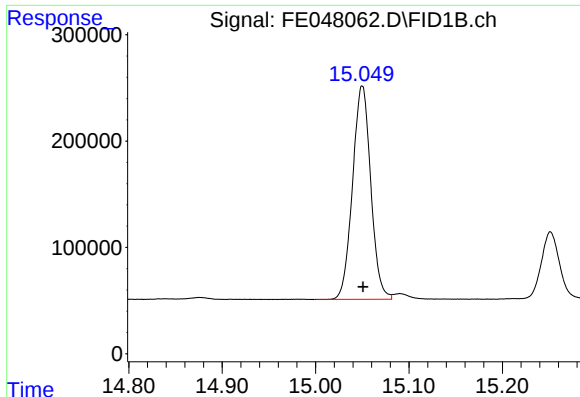
#7 N-EICOSANE

R.T.: 12.951 min
Delta R.T.: -0.004 min
Response: 865211
Conc: 6.33 ug/ml



#8 N-DOCOSANE

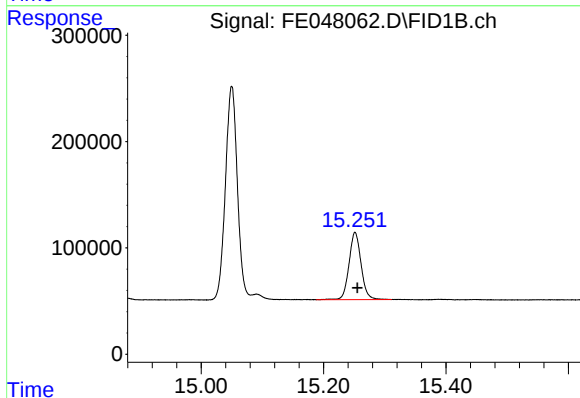
R.T.: 14.149 min
Delta R.T.: -0.004 min
Response: 843601
Conc: 6.41 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

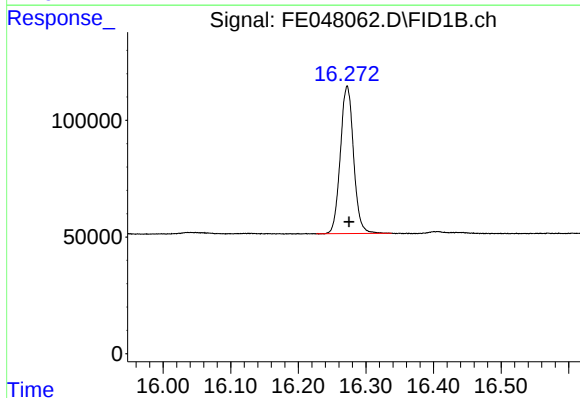
R.T.: 15.050 min
Delta R.T.: 0.000 min
Response: 2720887
Conc: 23.60 ug/ml

Instrument :
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ClientSampleId :
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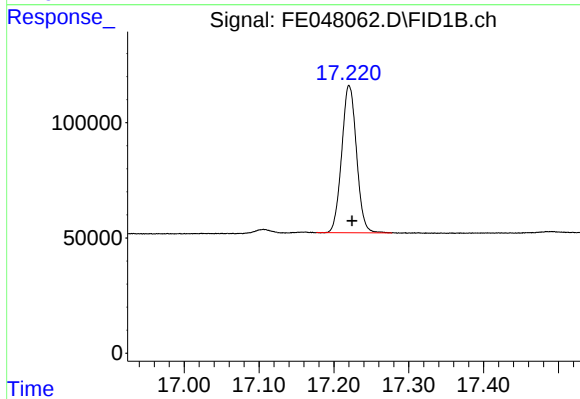
#10 N-TETRACOSANE

R.T.: 15.251 min
Delta R.T.: -0.003 min
Response: 863762
Conc: 6.60 ug/ml



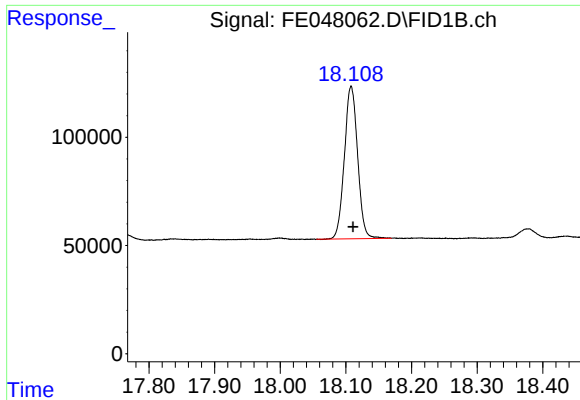
#11 N-HEXACOSANE

R.T.: 16.272 min
Delta R.T.: -0.003 min
Response: 859724
Conc: 6.61 ug/ml



#12 N-OCTACOSANE

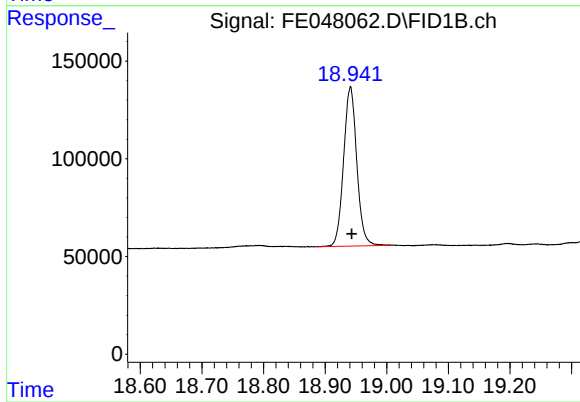
R.T.: 17.220 min
Delta R.T.: -0.004 min
Response: 878253
Conc: 6.80 ug/ml



#13 N-TRIACONTANE

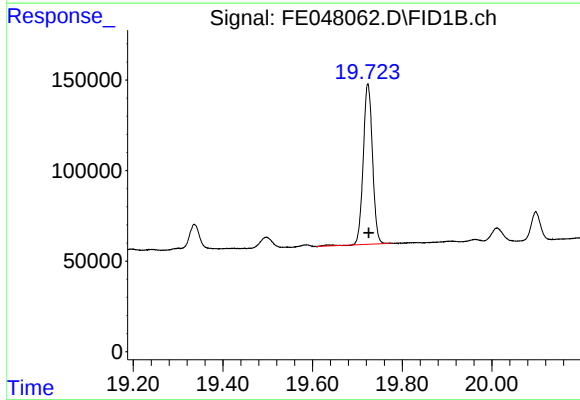
R.T.: 18.108 min
Delta R.T.: -0.003 min
Response: 985936
Conc: 7.42 ug/ml

Instrument :
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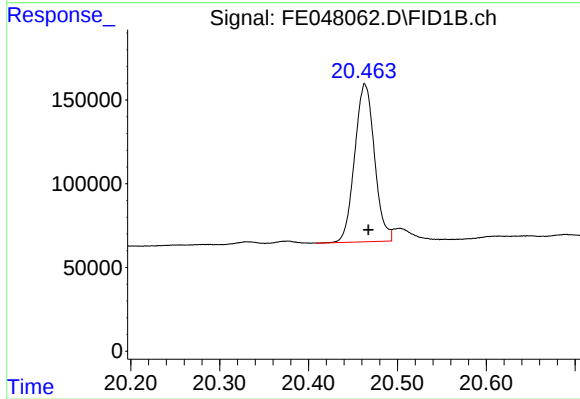
#14 N-DOTRIACONTANE

R.T.: 18.941 min
Delta R.T.: -0.002 min
Response: 1211247
Conc: 8.44 ug/ml



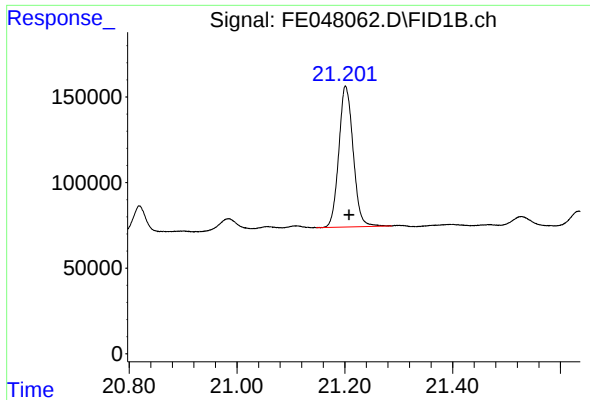
#15 N-TETRATRIACONTANE

R.T.: 19.723 min
Delta R.T.: -0.002 min
Response: 1273744
Conc: 9.43 ug/ml



#16 N-HEXATRIACONTANE

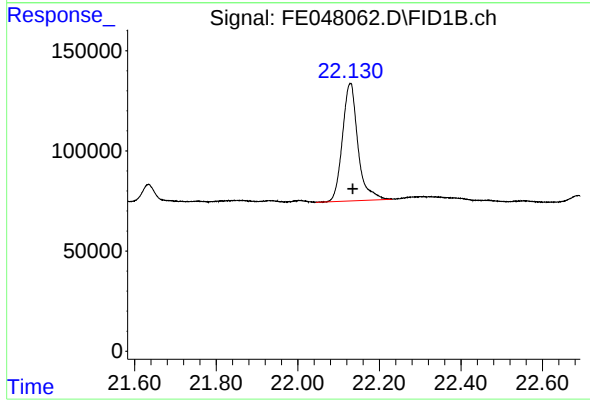
R.T.: 20.464 min
Delta R.T.: -0.004 min
Response: 1458756
Conc: 11.02 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.201 min
Delta R.T.: -0.007 min
Response: 1518200
Conc: 12.22 ug/ml

Instrument :
FID_E
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#18 N-TETRACONTANE

R.T.: 22.129 min
Delta R.T.: -0.005 min
Response: 1544555
Conc: 12.24 ug/ml