

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013125\
 Data File : FE052198.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2025 04:15
 Operator : YP\AJ
 Sample : Q1236-01MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
 Quant Time: Feb 03 01:38:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 2025
 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...	15.291	1101297	11.057 ug/ml
Target Compounds			
1) N-OCTANE	2.464	1299508	15.238 ug/ml
2) N-DECANE	4.957	1597631	17.460 ug/ml
3) N-DODECANE	7.081	1704521	17.060 ug/ml
4) N-TETRADECANE	8.885	1834596	18.031 ug/ml
5) N-HEXADECANE	10.477	1849210	17.354 ug/ml
6) N-OCTADECANE	11.908	1973886	17.605 ug/mlm
7) N-EICOSANE	13.208	2018339	18.121 ug/ml
8) N-DOCOSANE	14.398	1936046	17.437 ug/ml
10) N-TETRACOSANE	15.495	2072036	18.733 ug/ml
11) N-HEXACOSANE	16.511	1914444	17.562 ug/ml
12) N-OCTACOSANE	17.456	1870699	17.331 ug/mlm
13) N-TRIACONTANE	18.340	2024911	18.872 ug/ml
14) N-DOTRIACONTANE	19.169	2123083	20.333 ug/ml
15) N-TETRATRIACONTANE	19.951	2074972	22.097 ug/ml
16) N-HEXATRIACONTANE	20.689	2461806	30.486 ug/mlm
17) N-OCTATRIACONTANE	21.483	2347988	31.470 ug/ml
18) N-TETRACONTANE	22.500	2392926	32.493 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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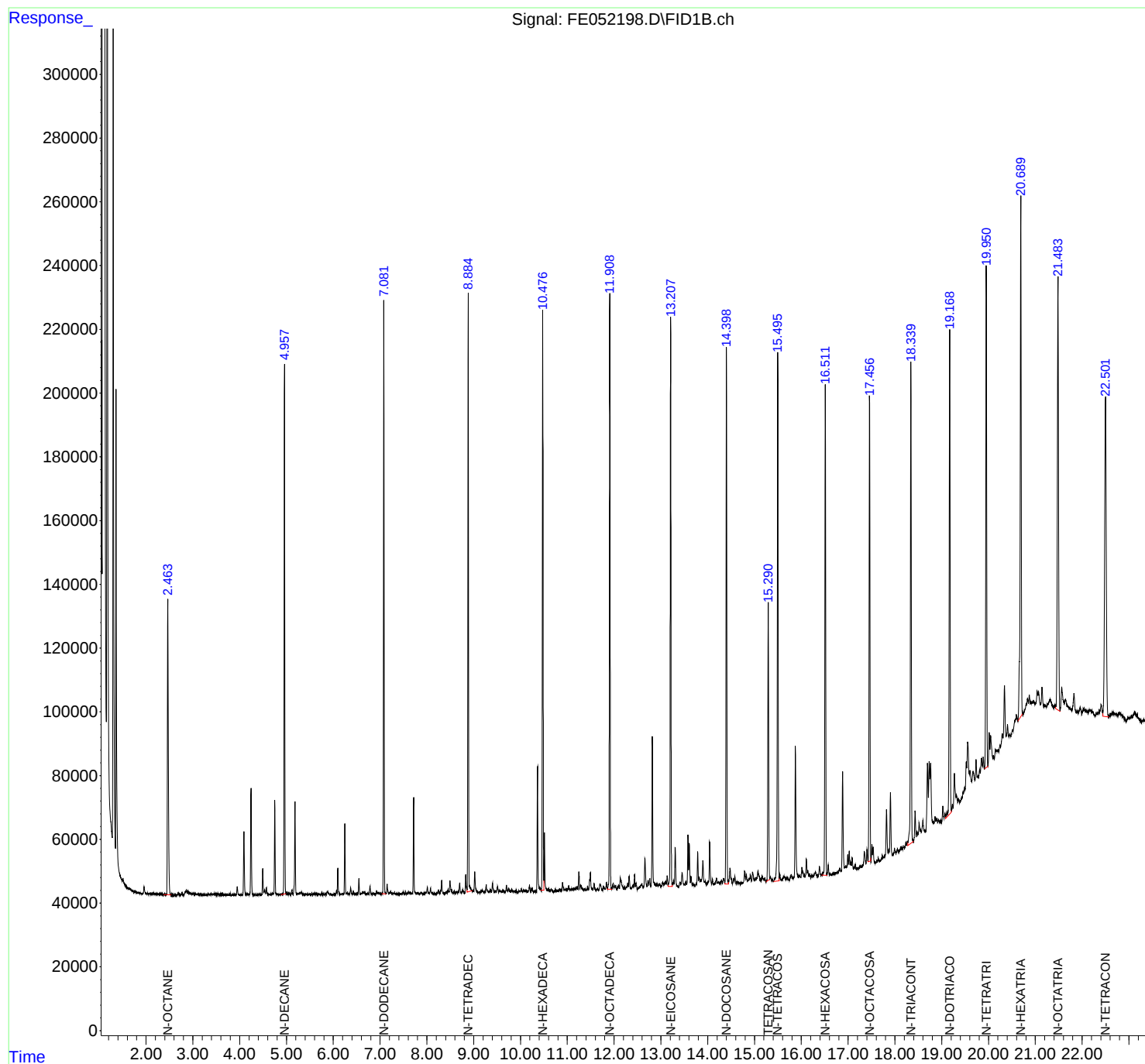
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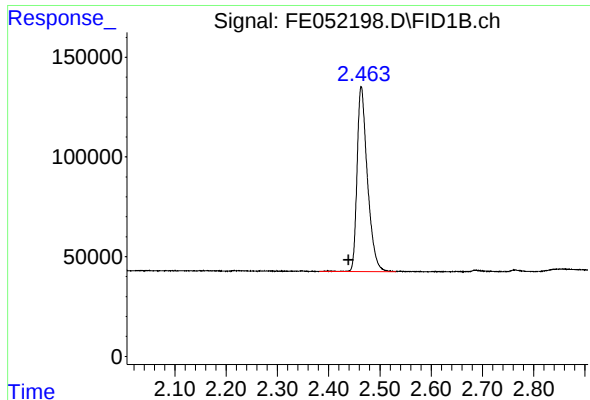
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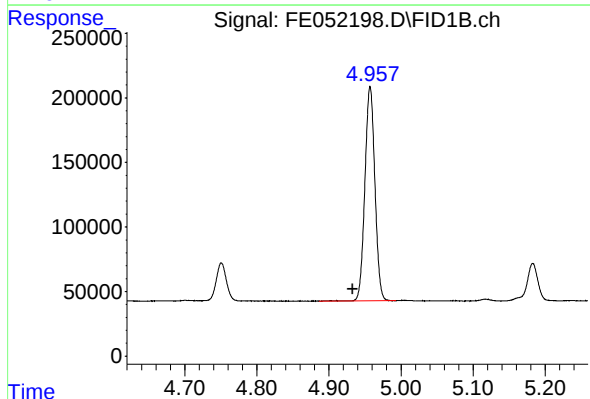
#1 N-OCTANE

R.T.: 2.464 min
Delta R.T.: 0.025 min
Response: 1299508
Conc: 15.24 ug/ml

Instrument :
FID_E
ClientSampleId :
WASTEMSD

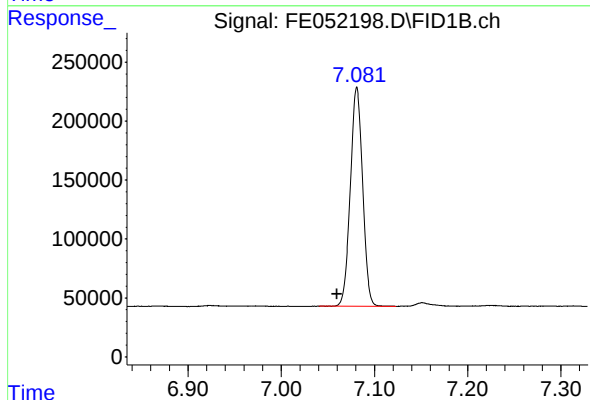
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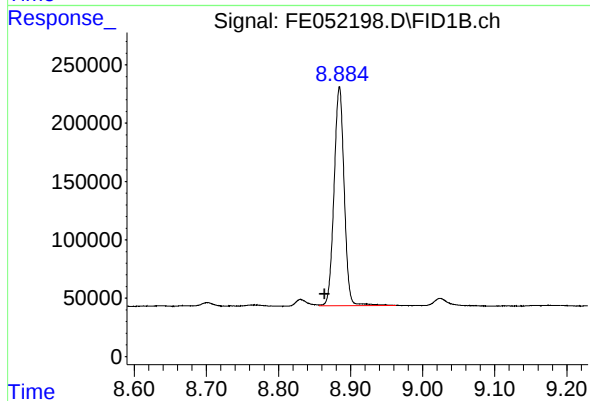
#2 N-DECANE

R.T.: 4.957 min
Delta R.T.: 0.024 min
Response: 1597631
Conc: 17.46 ug/ml



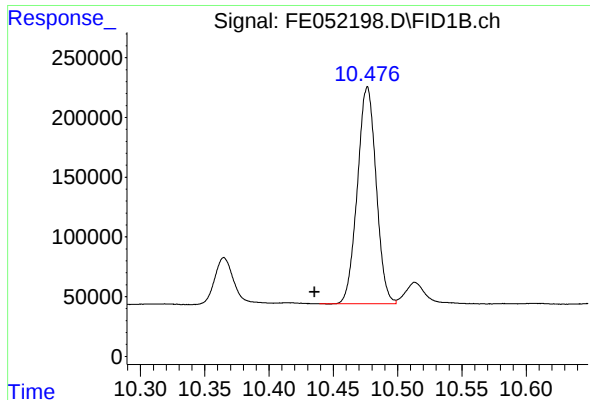
#3 N-DODECANE

R.T.: 7.081 min
Delta R.T.: 0.021 min
Response: 1704521
Conc: 17.06 ug/ml



#4 N-TETRADECANE

R.T.: 8.885 min
Delta R.T.: 0.021 min
Response: 1834596
Conc: 18.03 ug/ml



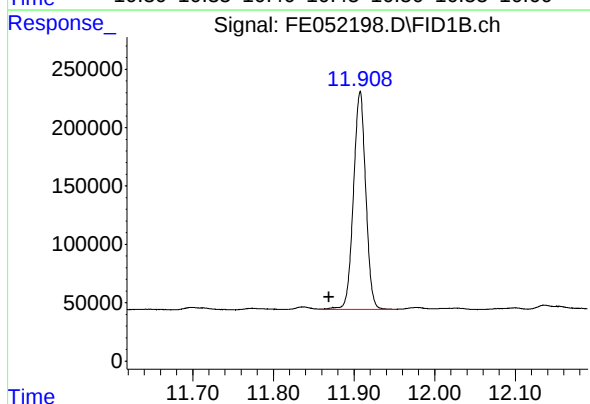
#5 N-HEXADECANE

R.T.: 10.477 min
Delta R.T.: 0.041 min
Response: 1849210
Conc: 17.35 ug/ml

Instrument :
FID_E
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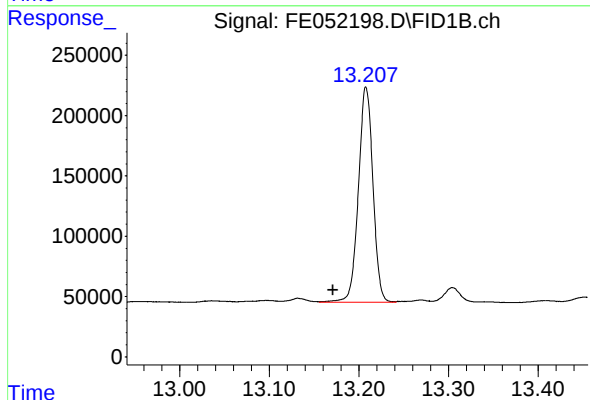
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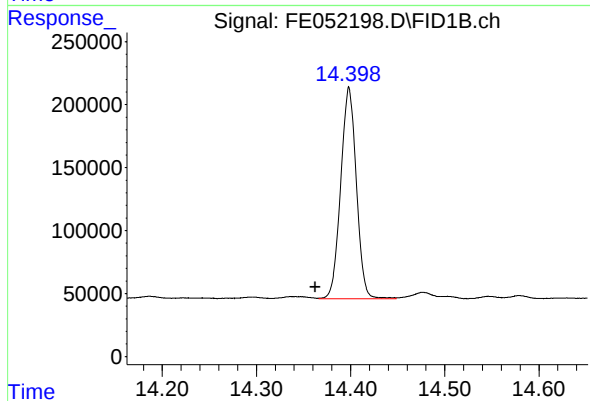
#6 N-OCTADECANE

R.T.: 11.908 min
Delta R.T.: 0.039 min
Response: 1973886
Conc: 17.60 ug/ml



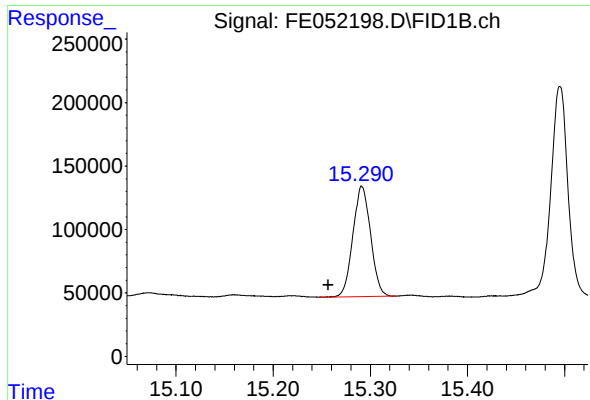
#7 N-EICOSANE

R.T.: 13.208 min
Delta R.T.: 0.037 min
Response: 2018339
Conc: 18.12 ug/ml



#8 N-DOCOSANE

R.T.: 14.398 min
Delta R.T.: 0.036 min
Response: 1936046
Conc: 17.44 ug/ml



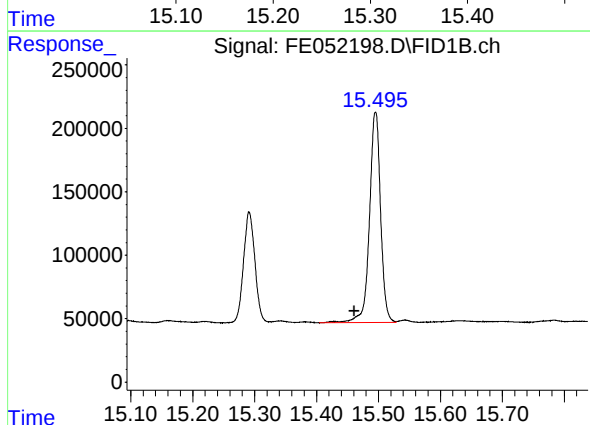
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.291 min
Delta R.T.: 0.034 min
Response: 1101297
Conc: 11.06 ug/ml

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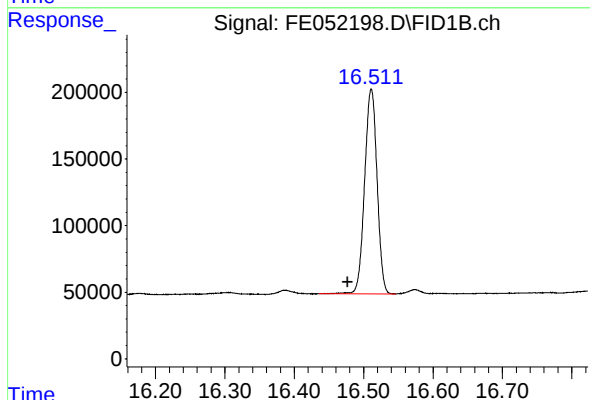
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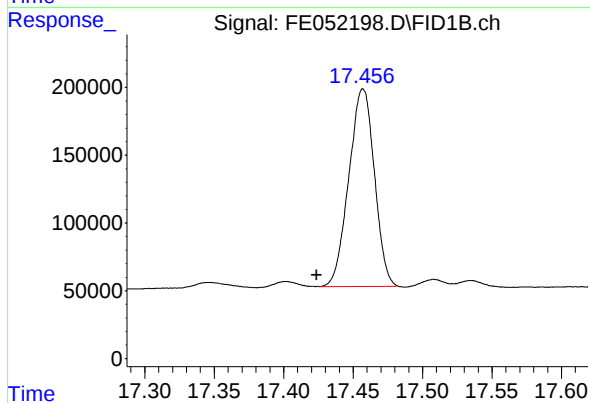
#10 N-TETRACOSANE

R.T.: 15.495 min
Delta R.T.: 0.034 min
Response: 2072036
Conc: 18.73 ug/ml



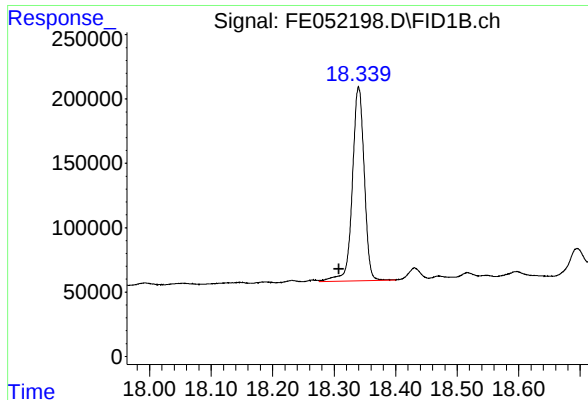
#11 N-HEXACOSANE

R.T.: 16.511 min
Delta R.T.: 0.034 min
Response: 1914444
Conc: 17.56 ug/ml



#12 N-OCTACOSANE

R.T.: 17.456 min
Delta R.T.: 0.033 min
Response: 1870699
Conc: 17.33 ug/ml m



#13 N-TRIACONTANE

R.T.: 18.340 min
Delta R.T.: 0.032 min
Response: 2024911
Conc: 18.87 ug/ml

Instrument :

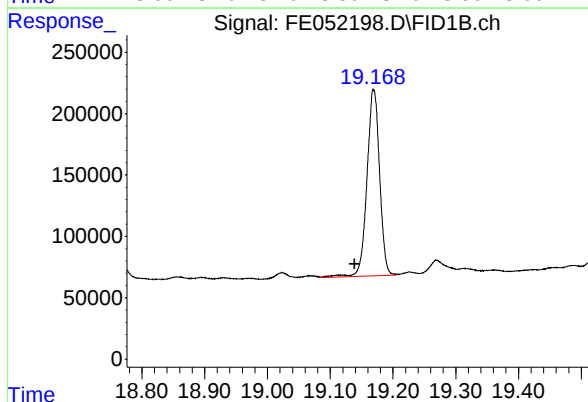
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ClientSampleId :

WASTEMSD

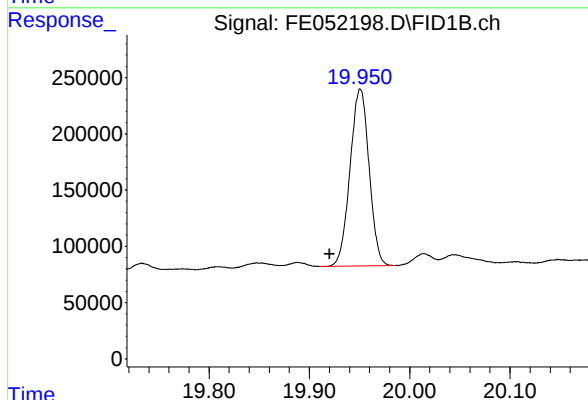
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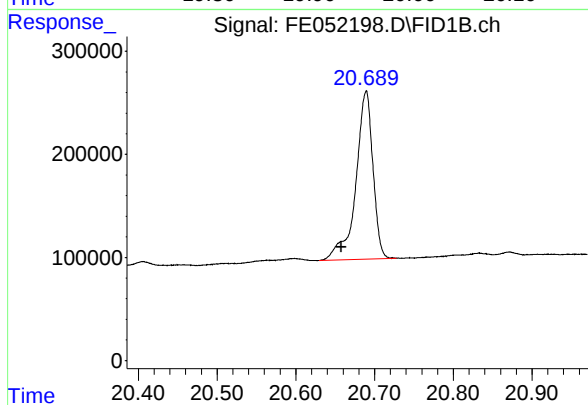
#14 N-DOTRIACONTANE

R.T.: 19.169 min
Delta R.T.: 0.030 min
Response: 2123083
Conc: 20.33 ug/ml



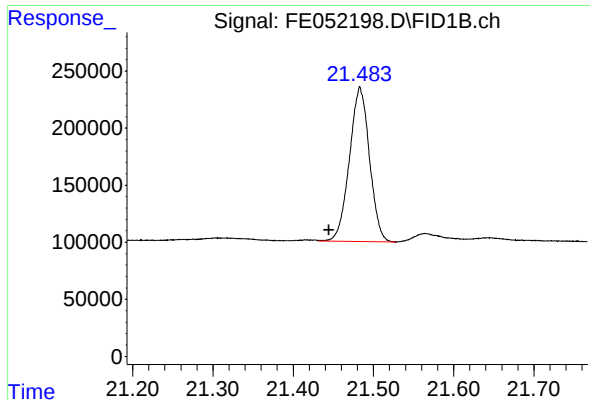
#15 N-TETRATRIACONTANE

R.T.: 19.951 min
Delta R.T.: 0.031 min
Response: 2074972
Conc: 22.10 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.689 min
Delta R.T.: 0.032 min
Response: 2461806
Conc: 30.49 ug/ml m



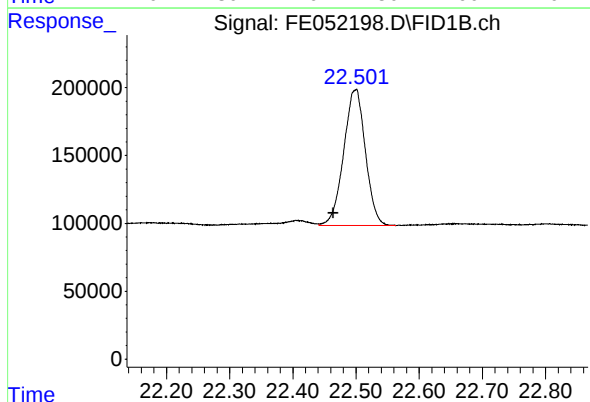
#17 N-OCTATRIACONTANE

R.T.: 21.483 min
Delta R.T.: 0.039 min
Response: 2347988
Conc: 31.47 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.500 min
Delta R.T.: 0.036 min
Response: 2392926
Conc: 32.49 ug/ml