

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121924\
 Data File : FE051705.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2024 10:30
 Operator : YP\AJ
 Sample : P5279-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ROCKAWAY-PARKMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2024
 Supervised By :Ankita Jodhani 12/20/2024

Integration File: Sample.e
 Quant Time: Dec 20 02:43:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE121824.M
 Quant Title :
 QLast Update : Thu Dec 19 02:46:15 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...	15.074	1811917	14.702 ug/mlm
Target Compounds			
1) N-OCTANE	2.217	1308137	12.055 ug/ml
2) N-DECANE	4.716	1710598	14.802 ug/ml
3) N-DODECANE	6.855	2765356	22.075 ug/ml
4) N-TETRADECANE	8.665	2986860	23.507 ug/ml
5) N-HEXADECANE	10.260	2513769	18.829 ug/ml
6) N-OCTADECANE	11.693	2631203	18.675 ug/ml
7) N-EICOSANE	12.993	3076591	22.062 ug/ml
8) N-DOCOSANE	14.183	2648616	19.202 ug/ml
10) N-TETRACOSANE	15.268	4313800	31.577 ug/mlm
11) N-HEXACOSANE	16.292	2475018	18.587 ug/mlm
12) N-OCTACOSANE	17.234	2742051	21.031 ug/ml
13) N-TRIACONTANE	18.115	2658968	20.646 ug/ml
14) N-DOTRIACONTANE	18.940	2298234	18.276 ug/ml
15) N-TETRATRIACONTANE	19.718	2004622	17.408 ug/ml
16) N-HEXATRIACONTANE	20.451	2000669	19.568 ug/ml
17) N-OCTATRIACONTANE	21.189	1865388	19.213 ug/ml
18) N-TETRACONTANE	22.111	1945233	19.978 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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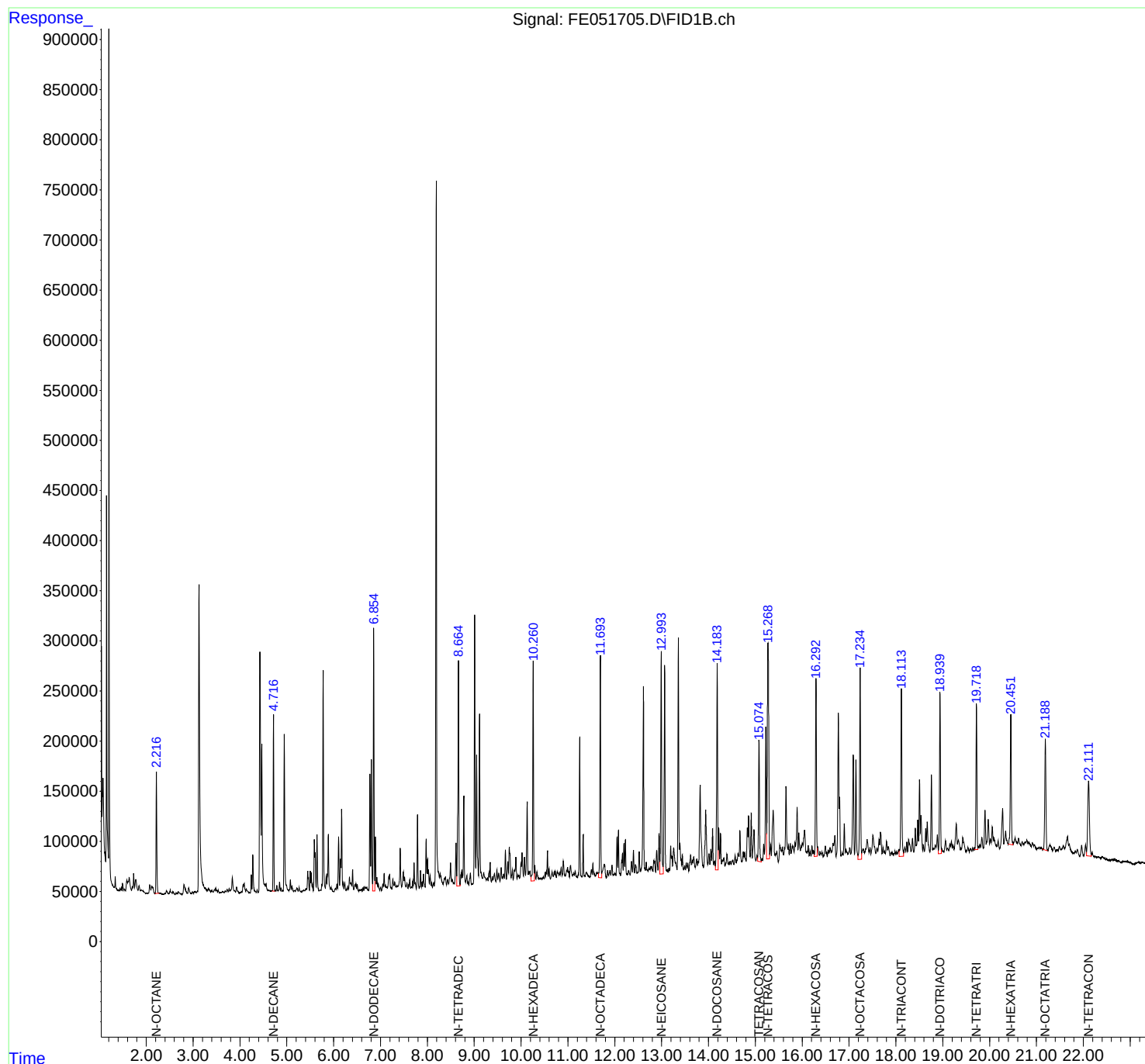
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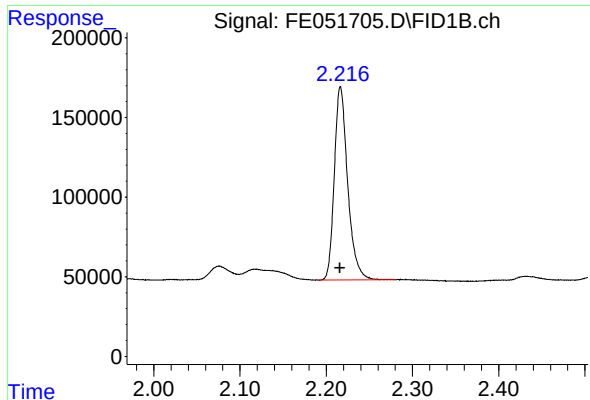
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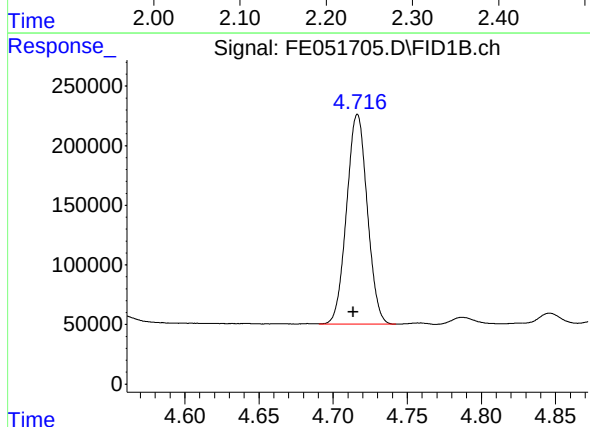
#1 N-OCTANE

R.T.: 2.217 min
Delta R.T.: 0.000 min
Response: 1308137
Conc: 12.05 ug/ml

Instrument :
FID_E
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ROCKAWAY-PARKMSD

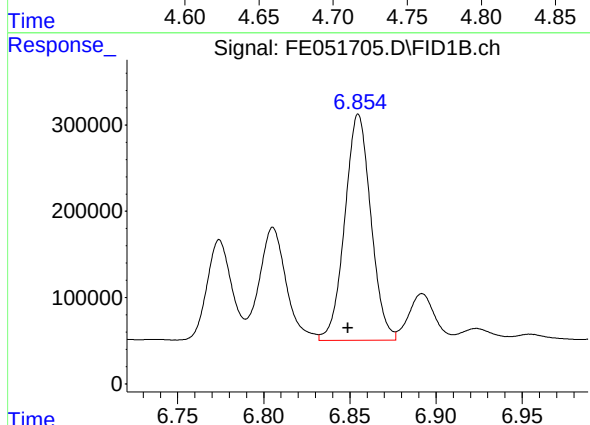
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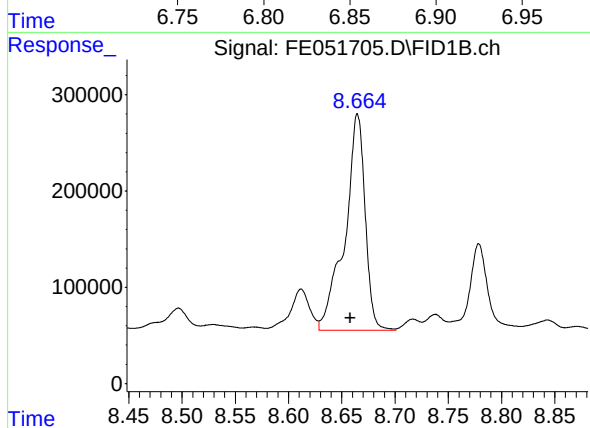
#2 N-DECANE

R.T.: 4.716 min
Delta R.T.: 0.003 min
Response: 1710598
Conc: 14.80 ug/ml



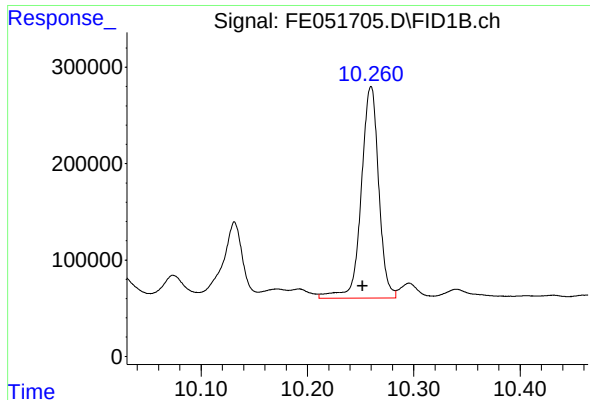
#3 N-DODECANE

R.T.: 6.855 min
Delta R.T.: 0.006 min
Response: 2765356
Conc: 22.07 ug/ml



#4 N-TETRADECANE

R.T.: 8.665 min
Delta R.T.: 0.007 min
Response: 2986860
Conc: 23.51 ug/ml



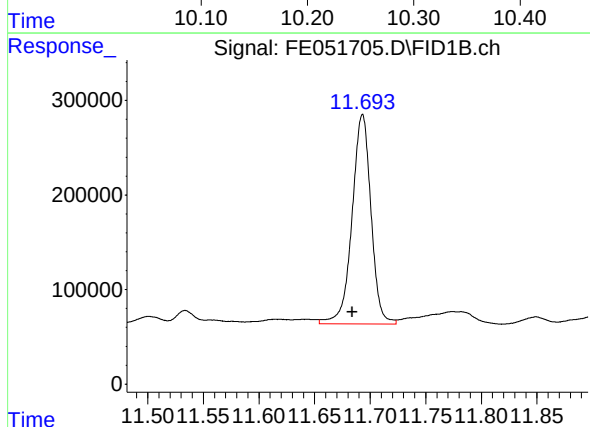
#5 N-HEXADECANE

R.T.: 10.260 min
Delta R.T.: 0.008 min
Response: 2513769
Conc: 18.83 ug/ml

Instrument :
FID_E
ClientSampleId :
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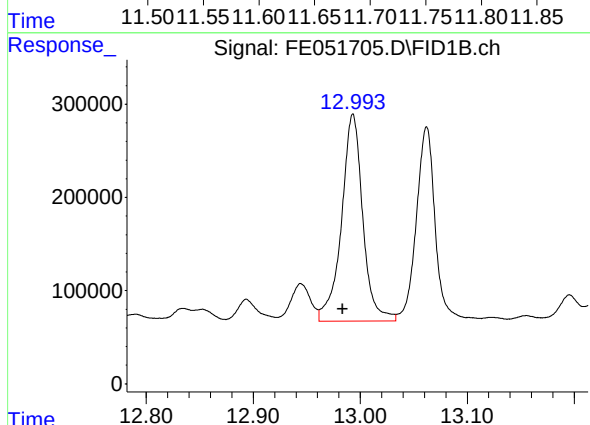
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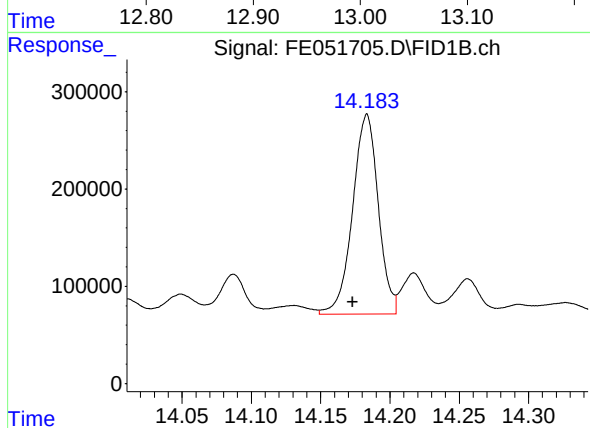
#6 N-OCTADECANE

R.T.: 11.693 min
Delta R.T.: 0.009 min
Response: 2631203
Conc: 18.68 ug/ml



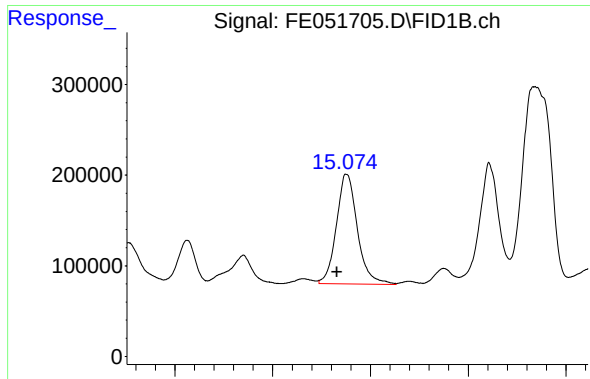
#7 N-EICOSANE

R.T.: 12.993 min
Delta R.T.: 0.010 min
Response: 3076591
Conc: 22.06 ug/ml



#8 N-DOCOSANE

R.T.: 14.183 min
Delta R.T.: 0.010 min
Response: 2648616
Conc: 19.20 ug/ml



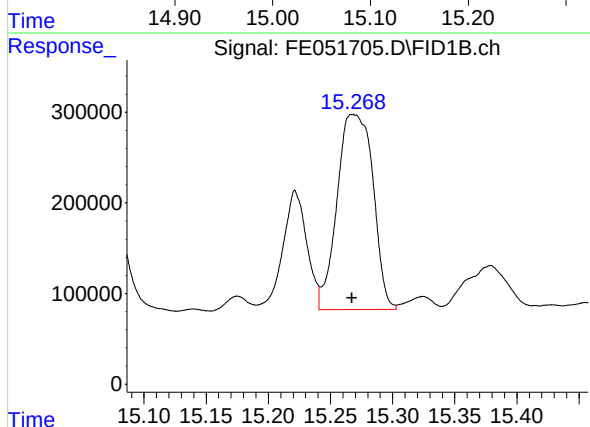
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.074 min
Delta R.T.: 0.008 min
Response: 1811917
Conc: 14.70 ug/ml

Instrument :
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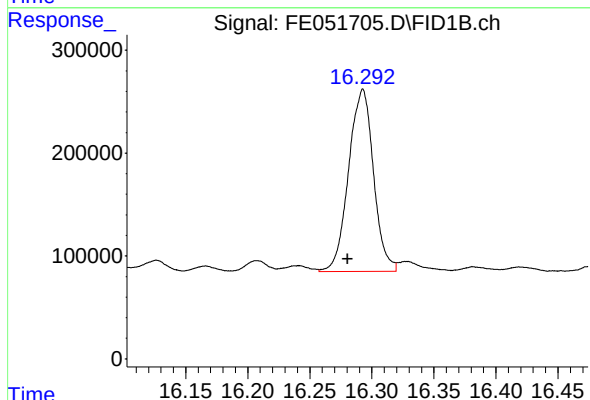
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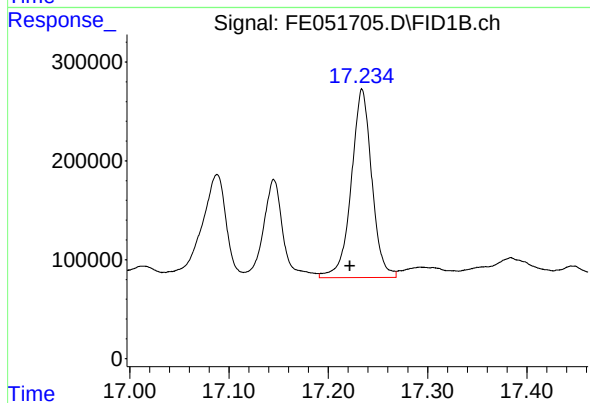
#10 N-TETRACOSANE

R.T.: 15.268 min
Delta R.T.: 0.001 min
Response: 4313800
Conc: 31.58 ug/ml m



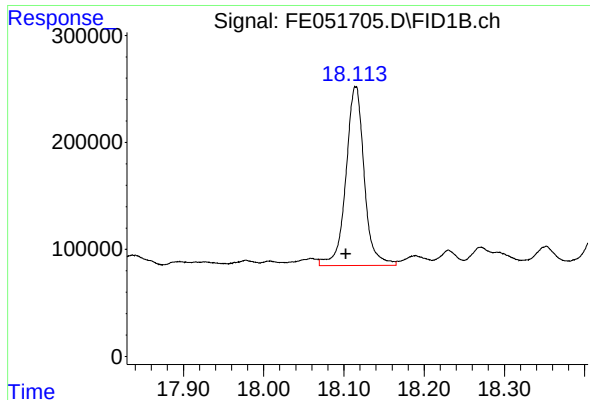
#11 N-HEXACOSANE

R.T.: 16.292 min
Delta R.T.: 0.012 min
Response: 2475018
Conc: 18.59 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.234 min
Delta R.T.: 0.012 min
Response: 2742051
Conc: 21.03 ug/ml



#13 N-TRIACONTANE

R.T.: 18.115 min
Delta R.T.: 0.012 min
Response: 2658968
Conc: 20.65 ug/ml

Instrument :

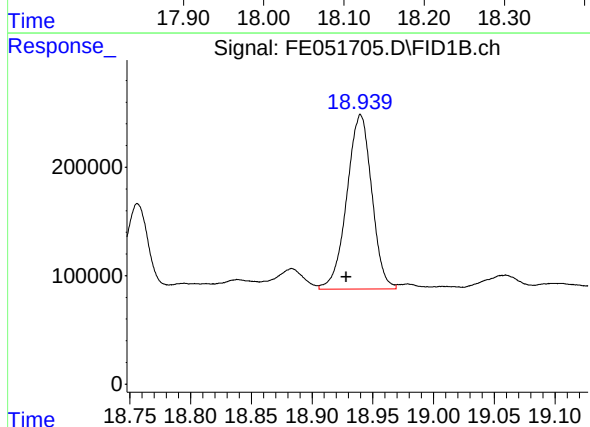
FID_E

ClientSampleId :

ROCKAWAY-PARKMSD

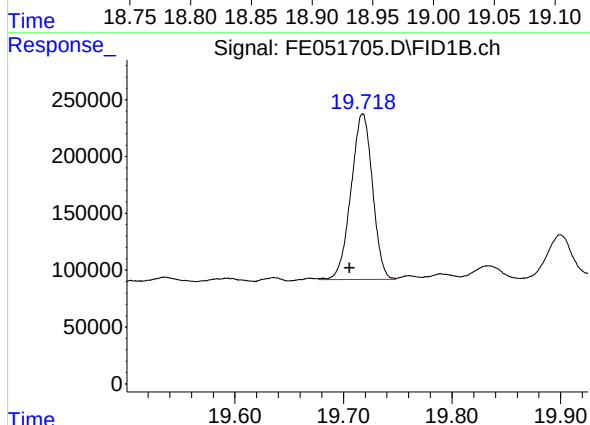
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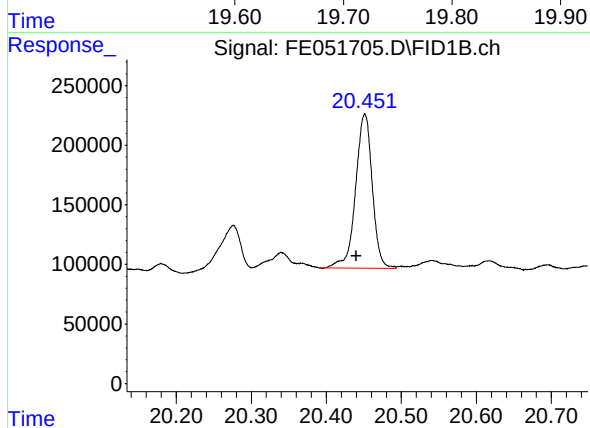
#14 N-DOTRIACONTANE

R.T.: 18.940 min
Delta R.T.: 0.012 min
Response: 2298234
Conc: 18.28 ug/ml



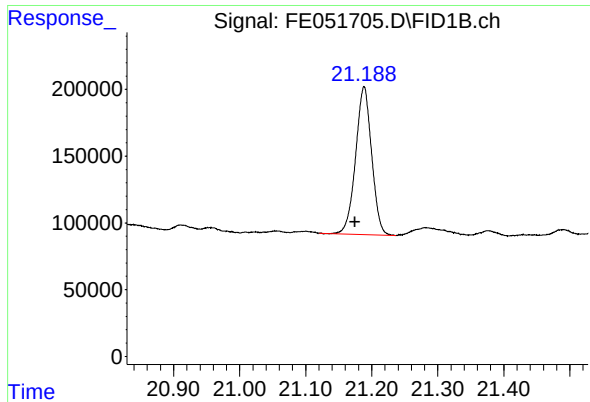
#15 N-TETRATRIACONTANE

R.T.: 19.718 min
Delta R.T.: 0.012 min
Response: 2004622
Conc: 17.41 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.451 min
Delta R.T.: 0.012 min
Response: 2000669
Conc: 19.57 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.189 min
Delta R.T.: 0.014 min
Response: 1865388
Conc: 19.21 ug/ml

Instrument :

FID_E

ClientSampleId :

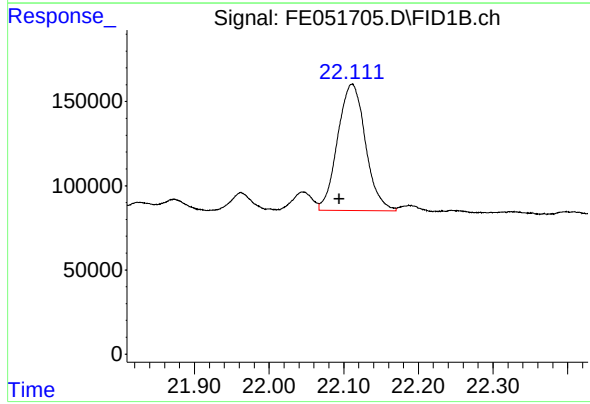
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#18 N-TETRACONTANE

R.T.: 22.111 min
Delta R.T.: 0.017 min
Response: 1945233
Conc: 19.98 ug/ml