

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031225\
 Data File : FF015661.D
 Signal(s) : FID2B.ch
 Acq On : 12 Mar 2025 14:26
 Operator : YP\AJ
 Sample : Q1542-01MSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/13/2025
 Supervised By :Ankita Jodhani 03/13/2025

Integration File: autoint1.e
 Quant Time: Mar 13 02:30:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:28:15 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...	15.026	1575186	13.211 ug/ml
Target Compounds			
1) N-OCTANE	2.028	1645734	14.098 ug/ml
2) N-DECANE	4.566	1986092	17.323 ug/ml
3) N-DODECANE	6.734	2171348	18.210 ug/ml
4) N-TETRADECANE	8.561	2192215	18.603 ug/ml
5) N-HEXADECANE	10.169	2265328	18.758 ug/ml
6) N-OCTADECANE	11.614	2449528	19.175 ug/ml
7) N-EICOSANE	12.925	2453770	19.063 ug/ml
8) N-DOCOSANE	14.126	2417389	18.670 ug/ml
10) N-TETRACOSANE	15.226	4217686	32.121 ug/ml
11) N-HEXACOSANE	16.254	2444043	18.942 ug/ml
12) N-OCTACOSANE	17.205	2846396	22.232 ug/ml
13) N-TRIACONTANE	18.094	2475059	19.382 ug/ml
14) N-DOTRIACONTANE	18.927	2560916	20.522 ug/ml
15) N-TETRATRIACONTANE	19.712	1195426	10.436 ug/ml
16) N-HEXATRIACONTANE	20.453	817731	8.128 ug/mlm
17) N-OCTATRIACONTANE	21.192	823661	8.931 ug/ml
18) N-TETRACONTANE	22.108	1019736	12.007 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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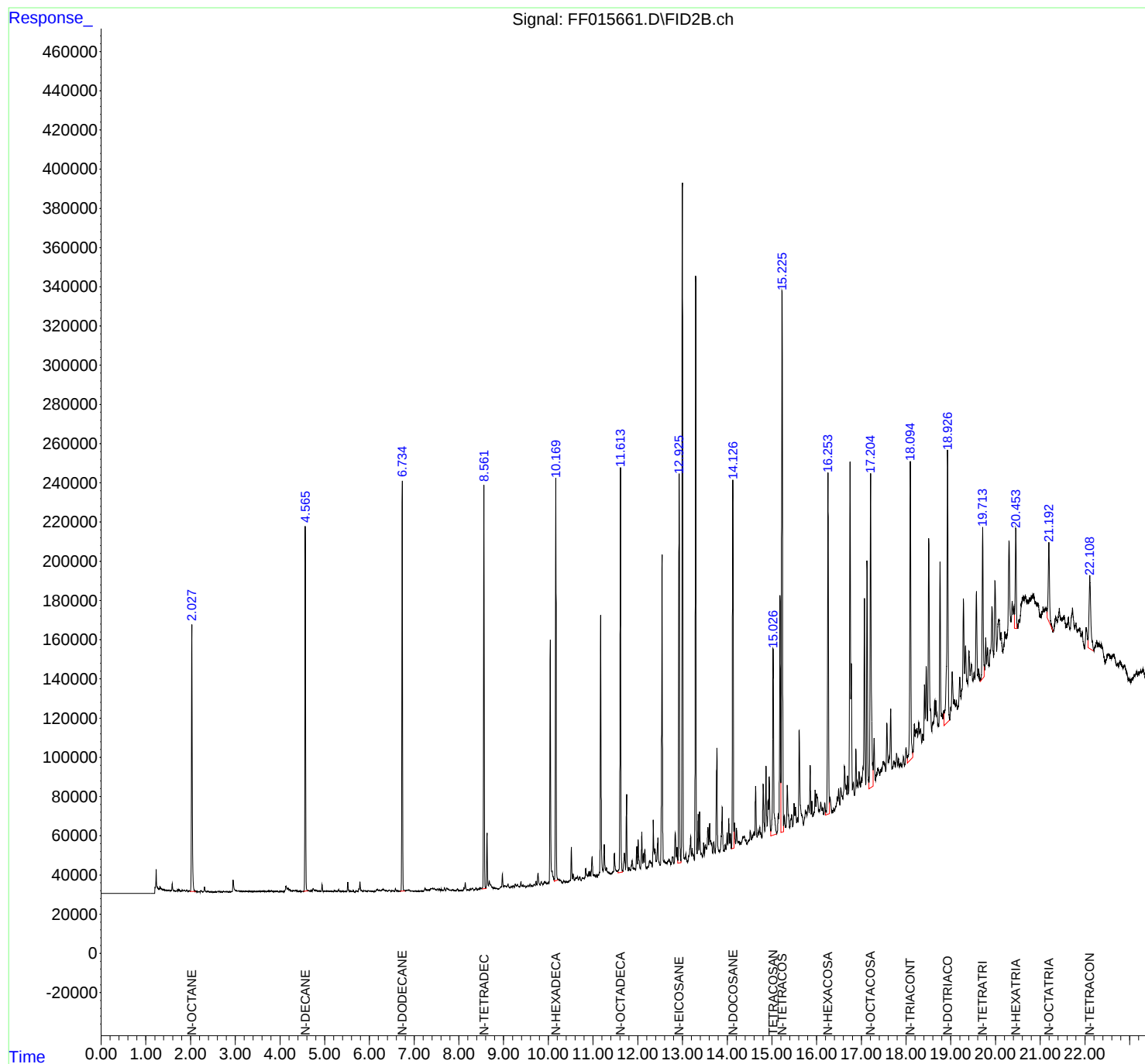
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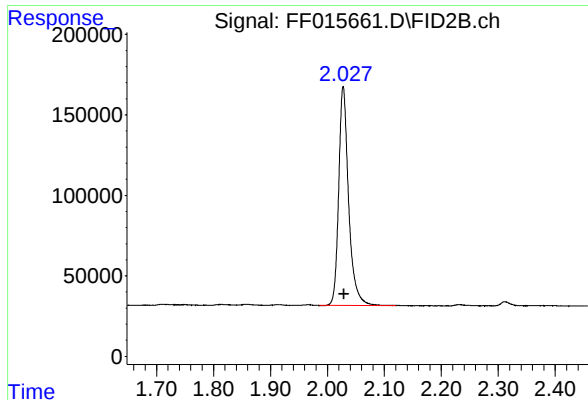
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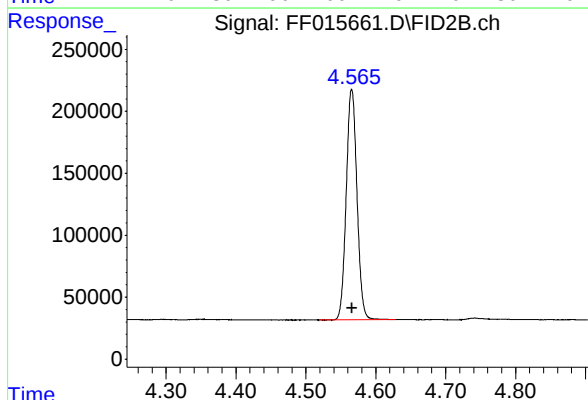
#1 N-OCTANE

R.T.: 2.028 min
Delta R.T.: -0.001 min
Response: 1645734
Conc: 14.10 ug/ml

Instrument :
FID_F
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WASTEMSD

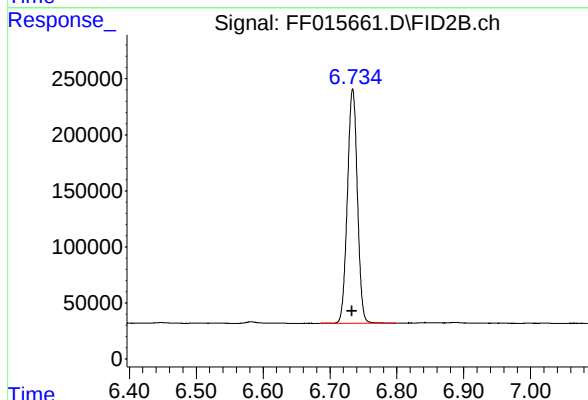
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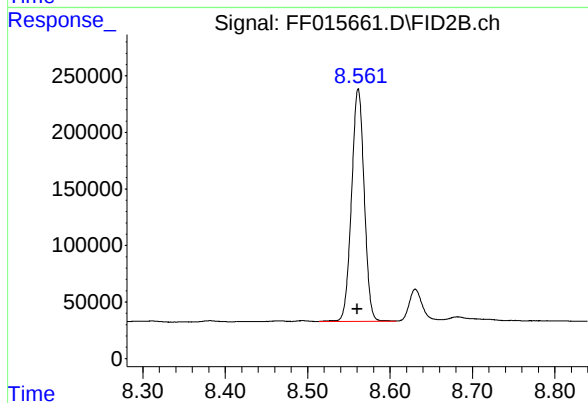
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 1986092
Conc: 17.32 ug/ml



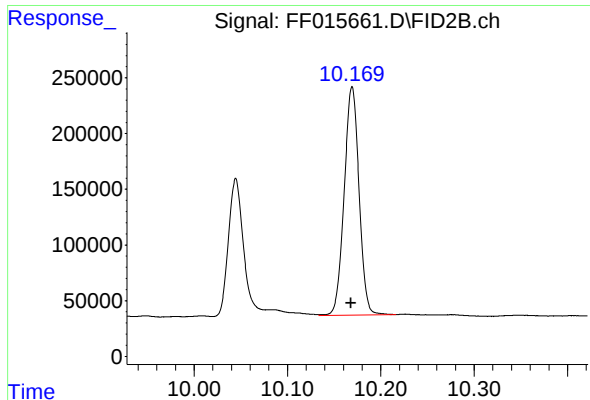
#3 N-DODECANE

R.T.: 6.734 min
Delta R.T.: 0.001 min
Response: 2171348
Conc: 18.21 ug/ml



#4 N-TETRADECANE

R.T.: 8.561 min
Delta R.T.: 0.001 min
Response: 2192215
Conc: 18.60 ug/ml



#5 N-HEXADECANE

R.T.: 10.169 min
Delta R.T.: 0.001 min
Response: 2265328
Conc: 18.76 ug/ml

Instrument :

FID_F

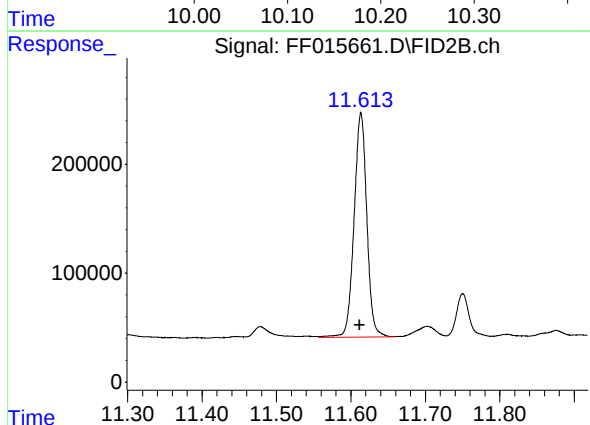
ClientSampleId :

WASTEMSD

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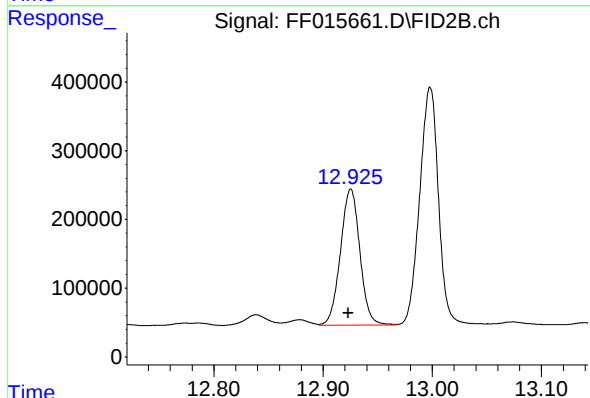
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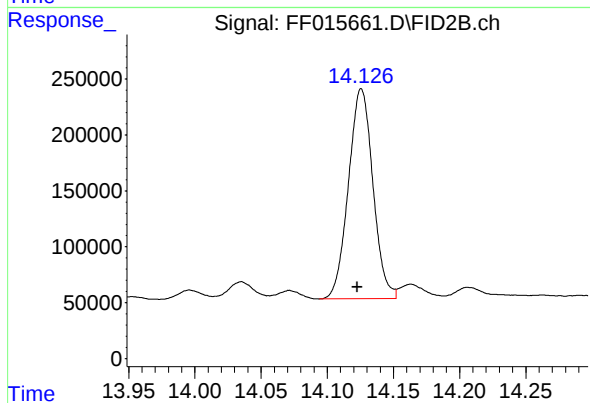
#6 N-OCTADECANE

R.T.: 11.614 min
Delta R.T.: 0.002 min
Response: 2449528
Conc: 19.18 ug/ml



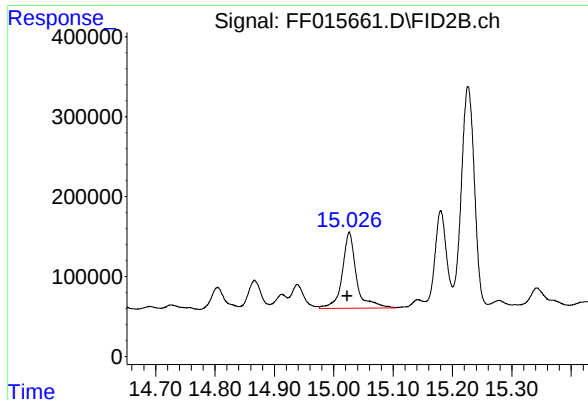
#7 N-EICOSANE

R.T.: 12.925 min
Delta R.T.: 0.002 min
Response: 2453770
Conc: 19.06 ug/ml



#8 N-DOCOSANE

R.T.: 14.126 min
Delta R.T.: 0.003 min
Response: 2417389
Conc: 18.67 ug/ml



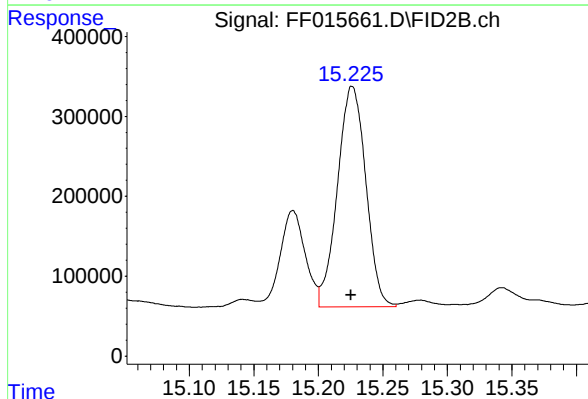
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.026 min
Delta R.T.: 0.004 min
Response: 1575186
Conc: 13.21 ug/ml

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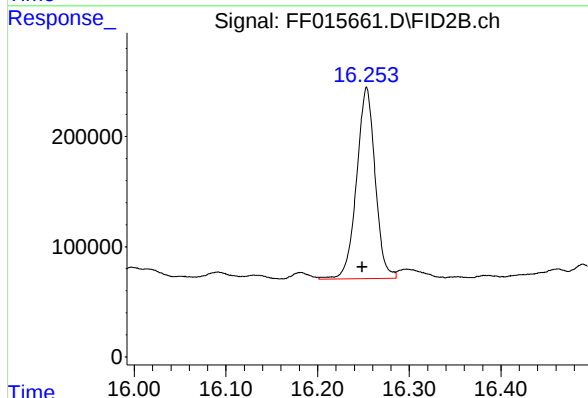
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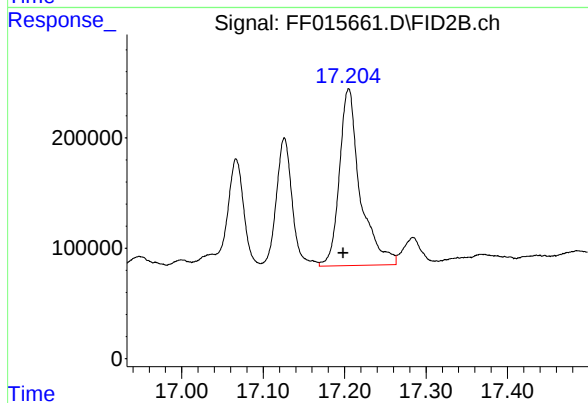
#10 N-TETRACOSANE

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 4217686
Conc: 32.12 ug/ml



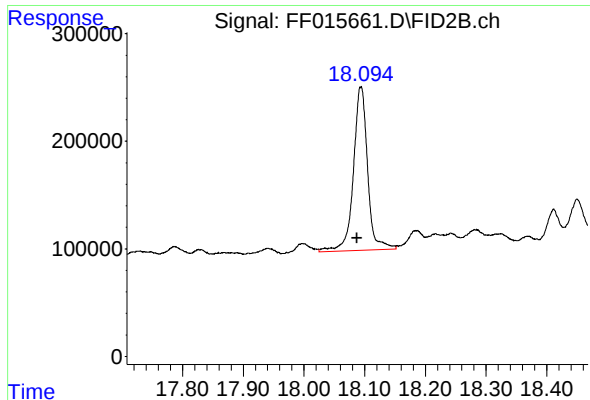
#11 N-HEXACOSANE

R.T.: 16.254 min
Delta R.T.: 0.005 min
Response: 2444043
Conc: 18.94 ug/ml



#12 N-OCTACOSANE

R.T.: 17.205 min
Delta R.T.: 0.006 min
Response: 2846396
Conc: 22.23 ug/ml



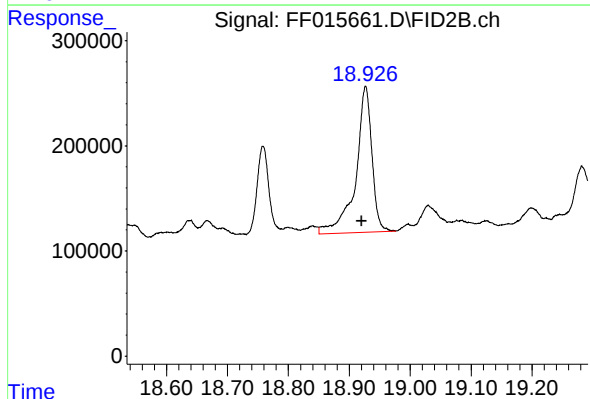
#13 N-TRIACONTANE

R.T.: 18.094 min
Delta R.T.: 0.007 min
Response: 2475059
Conc: 19.38 ug/ml

Instrument :
FID_F
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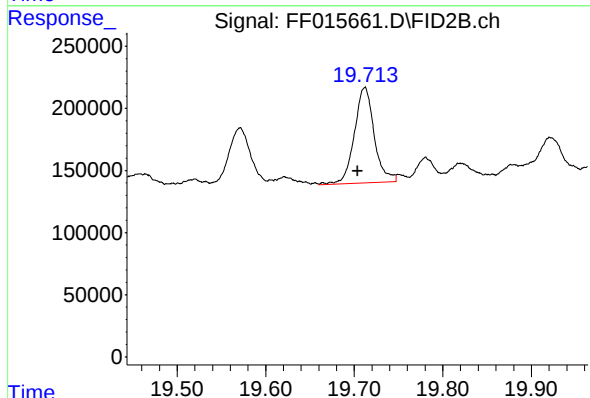
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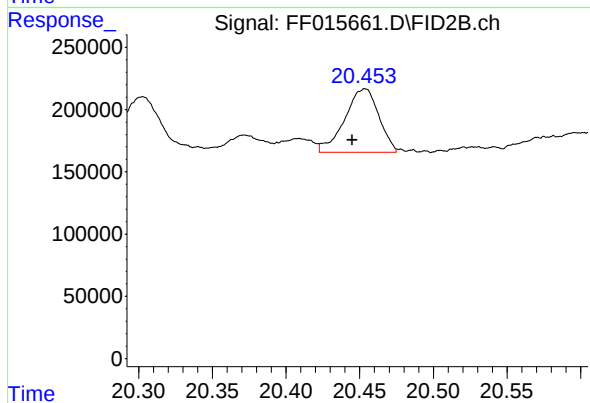
#14 N-DOTRIACONTANE

R.T.: 18.927 min
Delta R.T.: 0.007 min
Response: 2560916
Conc: 20.52 ug/ml



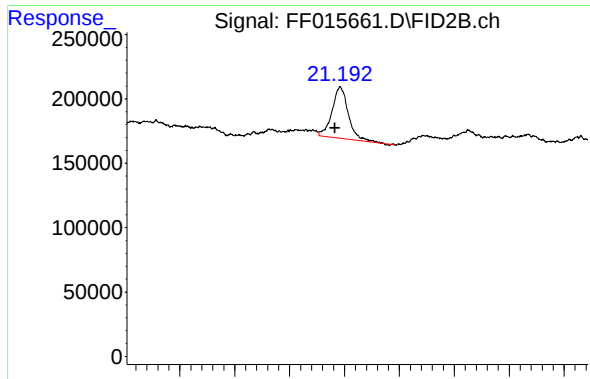
#15 N-TETRATRIACONTANE

R.T.: 19.712 min
Delta R.T.: 0.008 min
Response: 1195426
Conc: 10.44 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.453 min
Delta R.T.: 0.008 min
Response: 817731
Conc: 8.13 ug/ml m



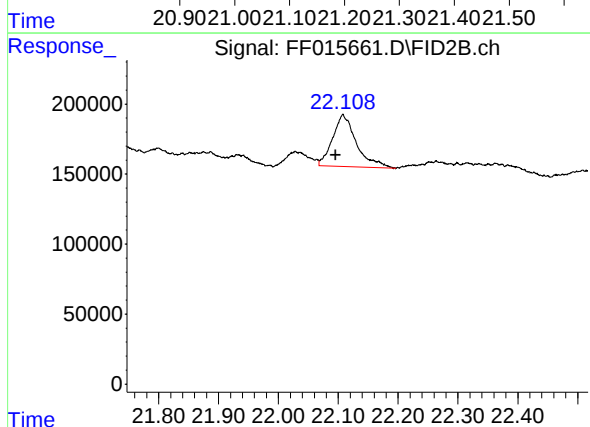
#17 N-OCTATRIACONTANE

R.T.: 21.192 min
Delta R.T.: 0.009 min
Response: 823661
Conc: 8.93 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.108 min
Delta R.T.: 0.012 min
Response: 1019736
Conc: 12.01 ug/ml