

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031225\
 Data File : FF015660.D
 Signal(s) : FID2B.ch
 Acq On : 12 Mar 2025 13:57
 Operator : YP\AJ
 Sample : Q1542-01MS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMS

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 02:29:50 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...	15.025	1630279	13.673 ug/ml
Target Compounds			
1) N-OCTANE	2.028	1666823	14.279 ug/ml
2) N-DECANE	4.566	2022845	17.644 ug/ml
3) N-DODECANE	6.734	2219894	18.617 ug/ml
4) N-TETRADECANE	8.561	2250350	19.096 ug/ml
5) N-HEXADECANE	10.168	2328828	19.284 ug/ml
6) N-OCTADECANE	11.613	2492746	19.514 ug/ml
7) N-EICOSANE	12.924	2535739	19.700 ug/ml
8) N-DOCOSANE	14.125	2486933	19.207 ug/ml
10) N-TETRACOSANE	15.225	4378623	33.347 ug/ml
11) N-HEXACOSANE	16.253	2542257	19.703 ug/ml
12) N-OCTACOSANE	17.204	2955313	23.082 ug/ml
13) N-TRIACONTANE	18.094	2498258	19.564 ug/ml
14) N-DOTRIACONTANE	18.927	2563300	20.541 ug/ml
15) N-TETRATRIACONTANE	19.711	1296233	11.316 ug/ml
16) N-HEXATRIACONTANE	20.452	934499	9.288 ug/mlm
17) N-OCTATRIACONTANE	21.188	980494	10.631 ug/mlm
18) N-TETRACONTANE	22.105	1402841	16.517 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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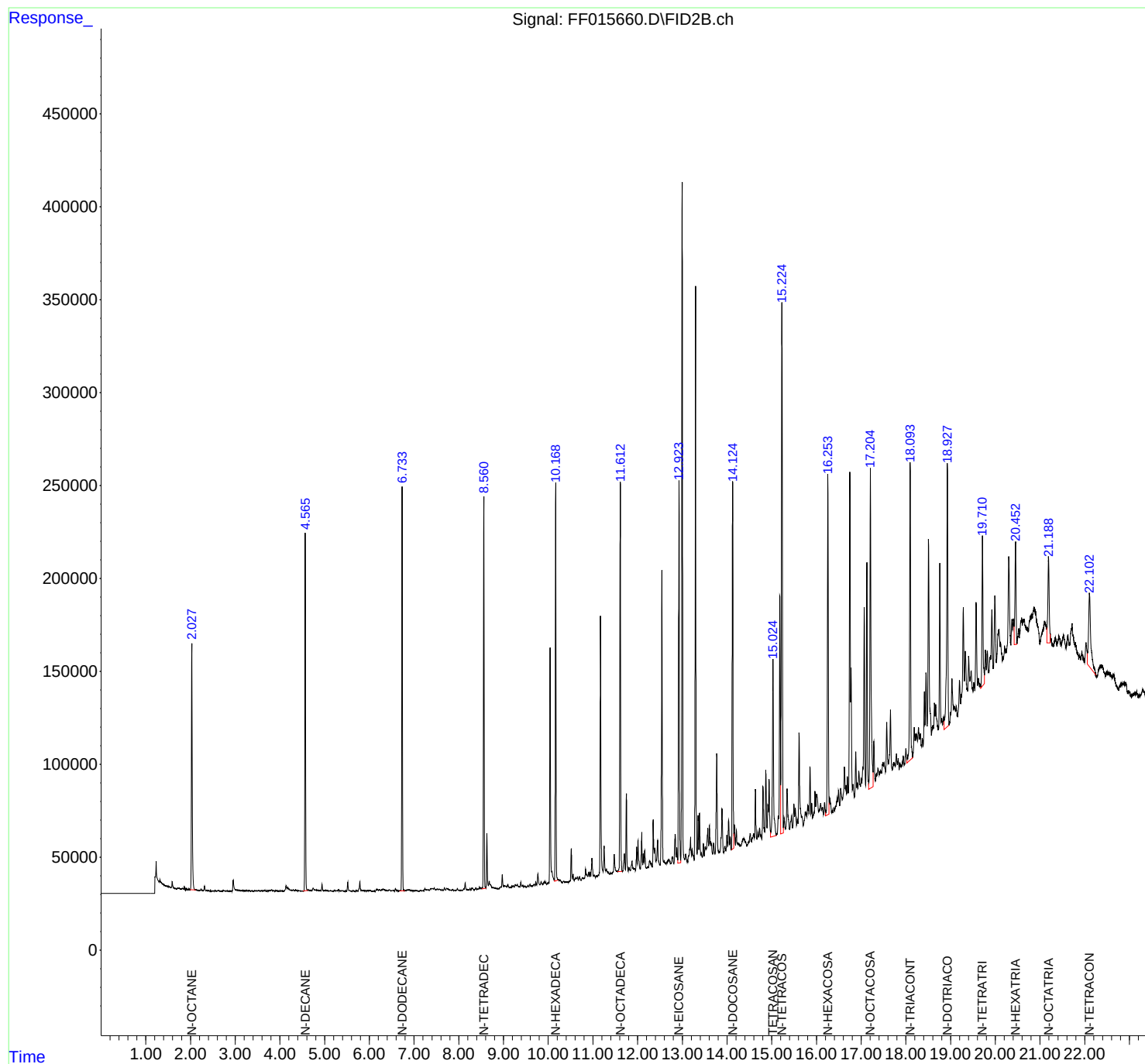
Instrument :
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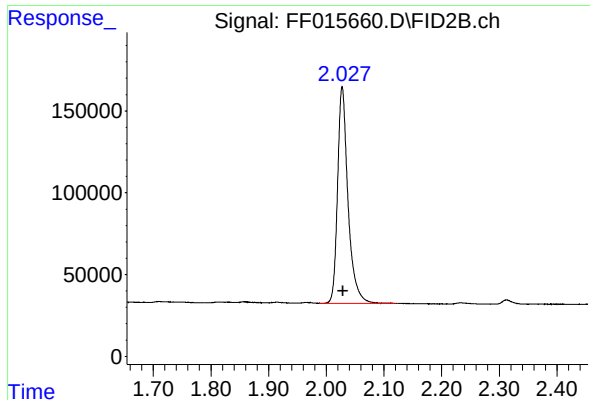
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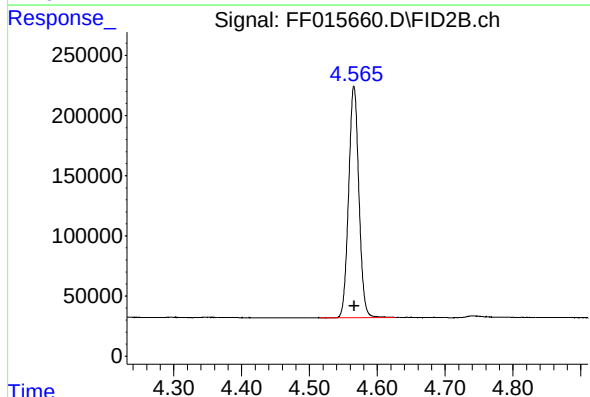
#1 N-OCTANE

R.T.: 2.028 min
Delta R.T.: -0.001 min
Response: 1666823
Conc: 14.28 ug/ml

Instrument :
FID_F
ClientSampleId :
WASTEMS

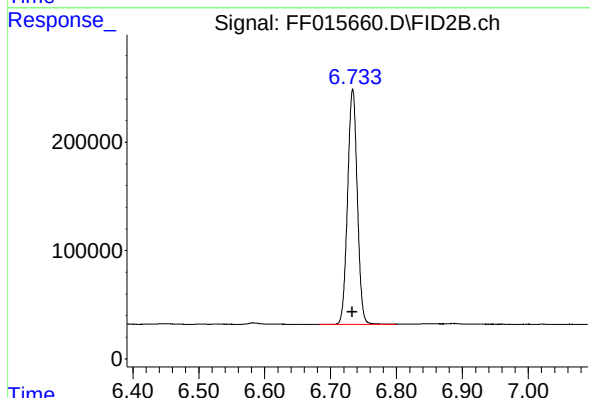
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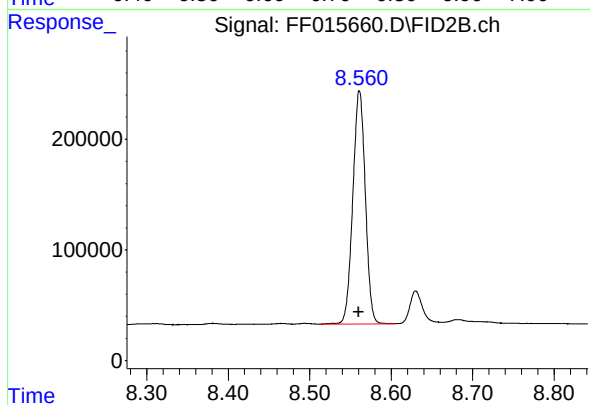
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 2022845
Conc: 17.64 ug/ml



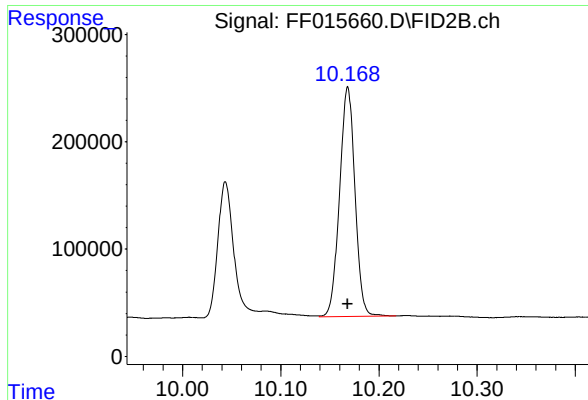
#3 N-DODECANE

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 2219894
Conc: 18.62 ug/ml



#4 N-TETRADECANE

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 2250350
Conc: 19.10 ug/ml



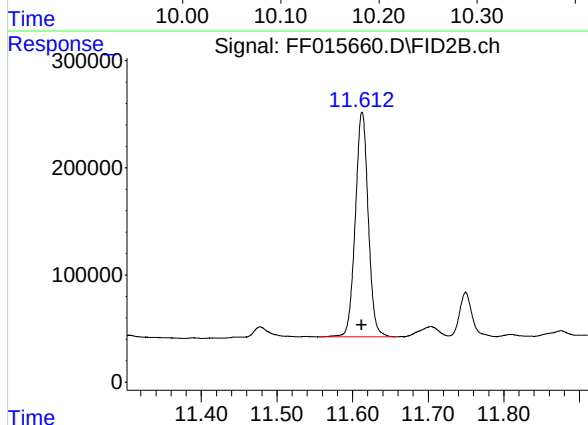
#5 N-HEXADECANE

R.T.: 10.168 min
Delta R.T.: 0.000 min
Response: 2328828
Conc: 19.28 ug/ml

Instrument :
FID_F
ClientSampleId :
WASTEMS

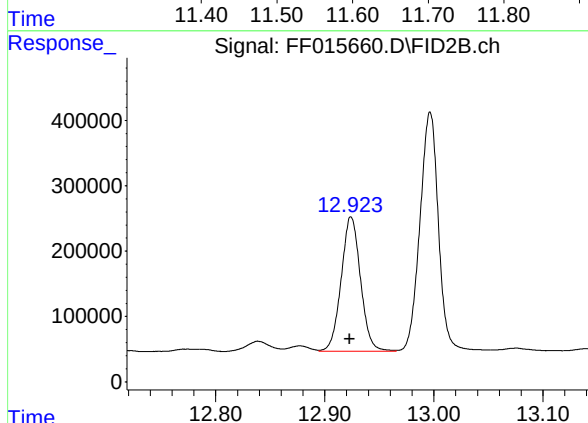
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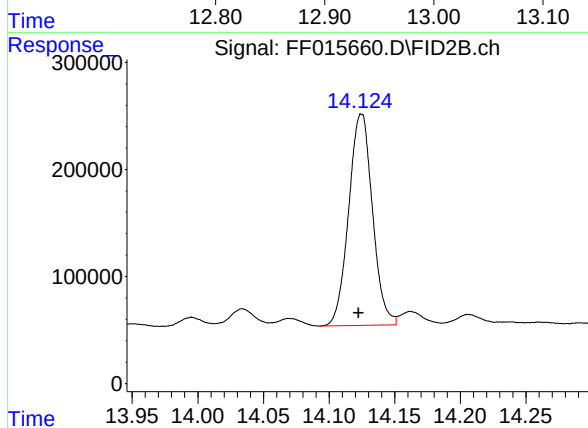
#6 N-OCTADECANE

R.T.: 11.613 min
Delta R.T.: 0.000 min
Response: 2492746
Conc: 19.51 ug/ml



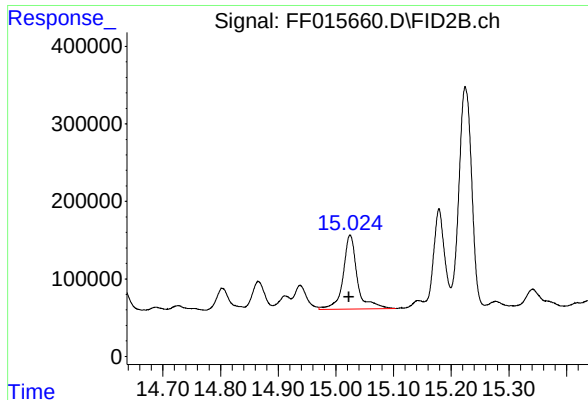
#7 N-EICOSANE

R.T.: 12.924 min
Delta R.T.: 0.001 min
Response: 2535739
Conc: 19.70 ug/ml



#8 N-DOCOSANE

R.T.: 14.125 min
Delta R.T.: 0.002 min
Response: 2486933
Conc: 19.21 ug/ml



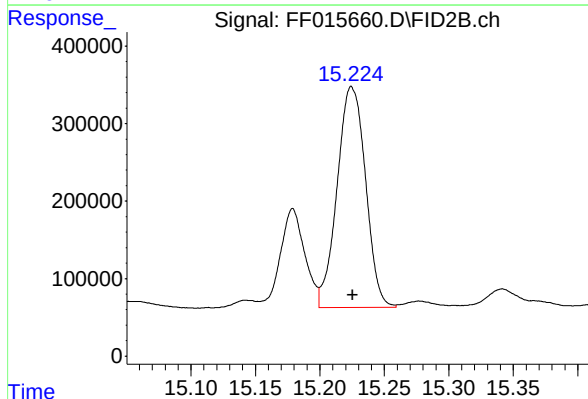
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.025 min
Delta R.T.: 0.002 min
Response: 1630279
Conc: 13.67 ug/ml

Instrument :
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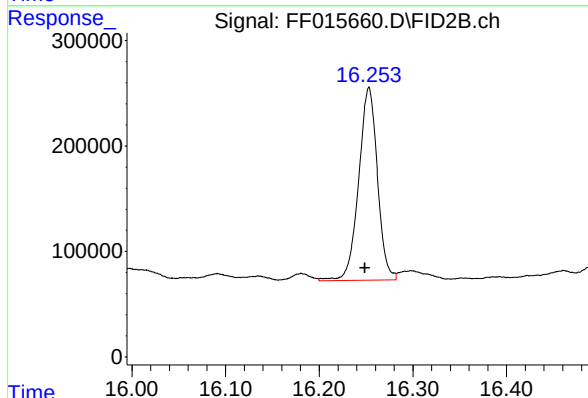
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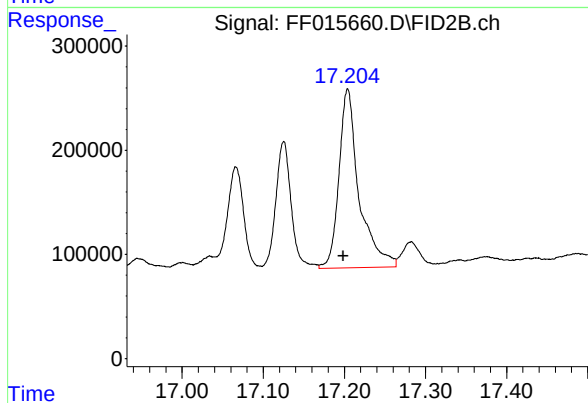
#10 N-TETRACOSANE

R.T.: 15.225 min
Delta R.T.: 0.000 min
Response: 4378623
Conc: 33.35 ug/ml



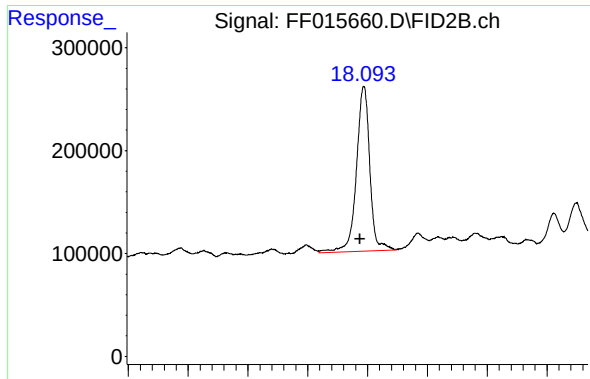
#11 N-HEXACOSANE

R.T.: 16.253 min
Delta R.T.: 0.005 min
Response: 2542257
Conc: 19.70 ug/ml



#12 N-OCTACOSANE

R.T.: 17.204 min
Delta R.T.: 0.005 min
Response: 2955313
Conc: 23.08 ug/ml



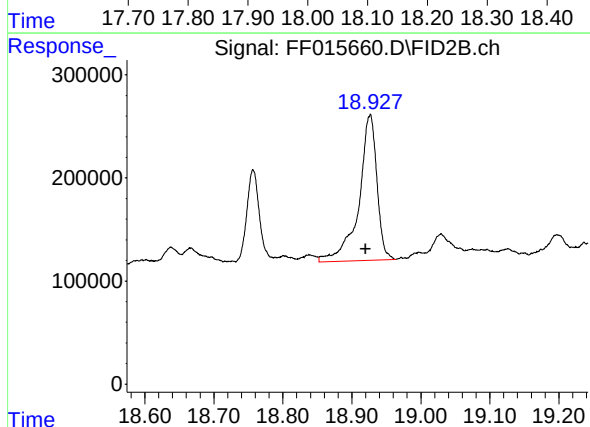
#13 N-TRIACONTANE

R.T.: 18.094 min
Delta R.T.: 0.007 min
Response: 2498258
Conc: 19.56 ug/ml

Instrument :
FID_F
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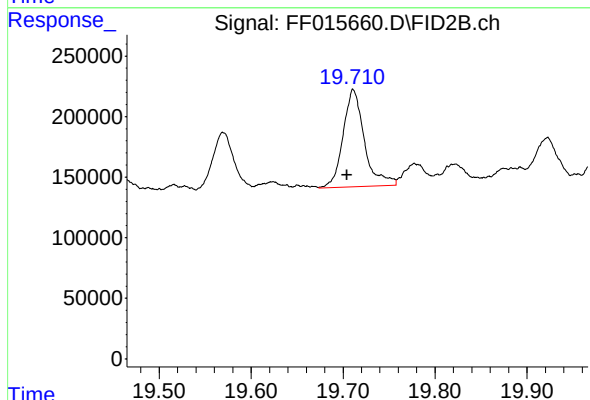
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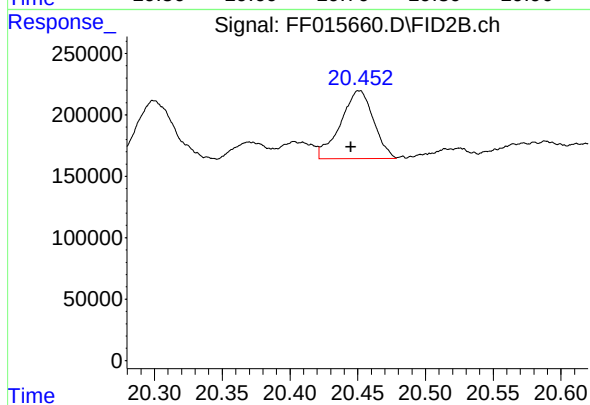
#14 N-DOTRIACONTANE

R.T.: 18.927 min
Delta R.T.: 0.006 min
Response: 2563300
Conc: 20.54 ug/ml



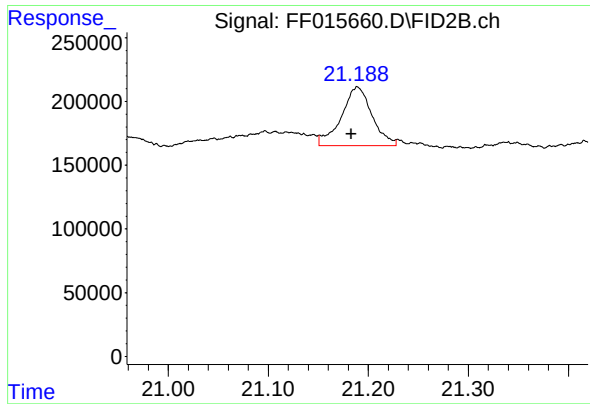
#15 N-TETRATRIACONTANE

R.T.: 19.711 min
Delta R.T.: 0.007 min
Response: 1296233
Conc: 11.32 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.452 min
Delta R.T.: 0.007 min
Response: 934499
Conc: 9.29 ug/ml m



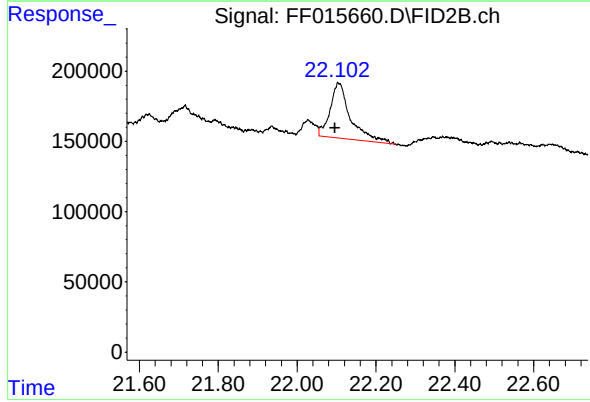
#17 N-OCTATRIACONTANE

R.T.: 21.188 min
Delta R.T.: 0.005 min
Response: 980494
Conc: 10.63 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.105 min
Delta R.T.: 0.009 min
Response: 1402841
Conc: 16.52 ug/ml