

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
 Data File : FF016639.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 14:50
 Operator : YP\AJ
 Sample : Q3474-01MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Yogesh Patel 10/31/2025

Integration File: autoint1.e
 Quant Time: Oct 31 02:22:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 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...	15.060	1178413	11.279 ug/ml
Target Compounds			
1) N-OCTANE	2.058	1716913	15.468 ug/ml
2) N-DECANE	4.576	2086963	18.861 ug/ml
3) N-DODECANE	6.753	2150957	19.363 ug/ml
4) N-TETRADECANE	8.586	2170718	19.431 ug/ml
5) N-HEXADECANE	10.196	2371313	21.105 ug/ml
6) N-OCTADECANE	11.642	2513495	21.478 ug/ml
7) N-EICOSANE	12.956	2408331	19.723 ug/ml
8) N-DOCOSANE	14.158	2496707	20.945 ug/ml
10) N-TETRACOSANE	15.264	2231611	18.834 ug/ml
11) N-HEXACOSANE	16.291	2132184	18.560 ug/ml
12) N-OCTACOSANE	17.246	2339955	20.534 ug/ml
13) N-TRIACONTANE	18.139	2809210	25.002 ug/ml
14) N-DOTRIACONTANE	18.975	3401691	31.733 ug/mlm
15) N-TETRATRIACONTANE	19.765	2788638	28.380 ug/ml
16) N-HEXATRIACONTANE	20.511	2588666	30.274 ug/ml
17) N-OCTATRIACONTANE	21.270	2521406	32.851 ug/ml
18) N-TETRACONTANE	22.218	2910513	42.646 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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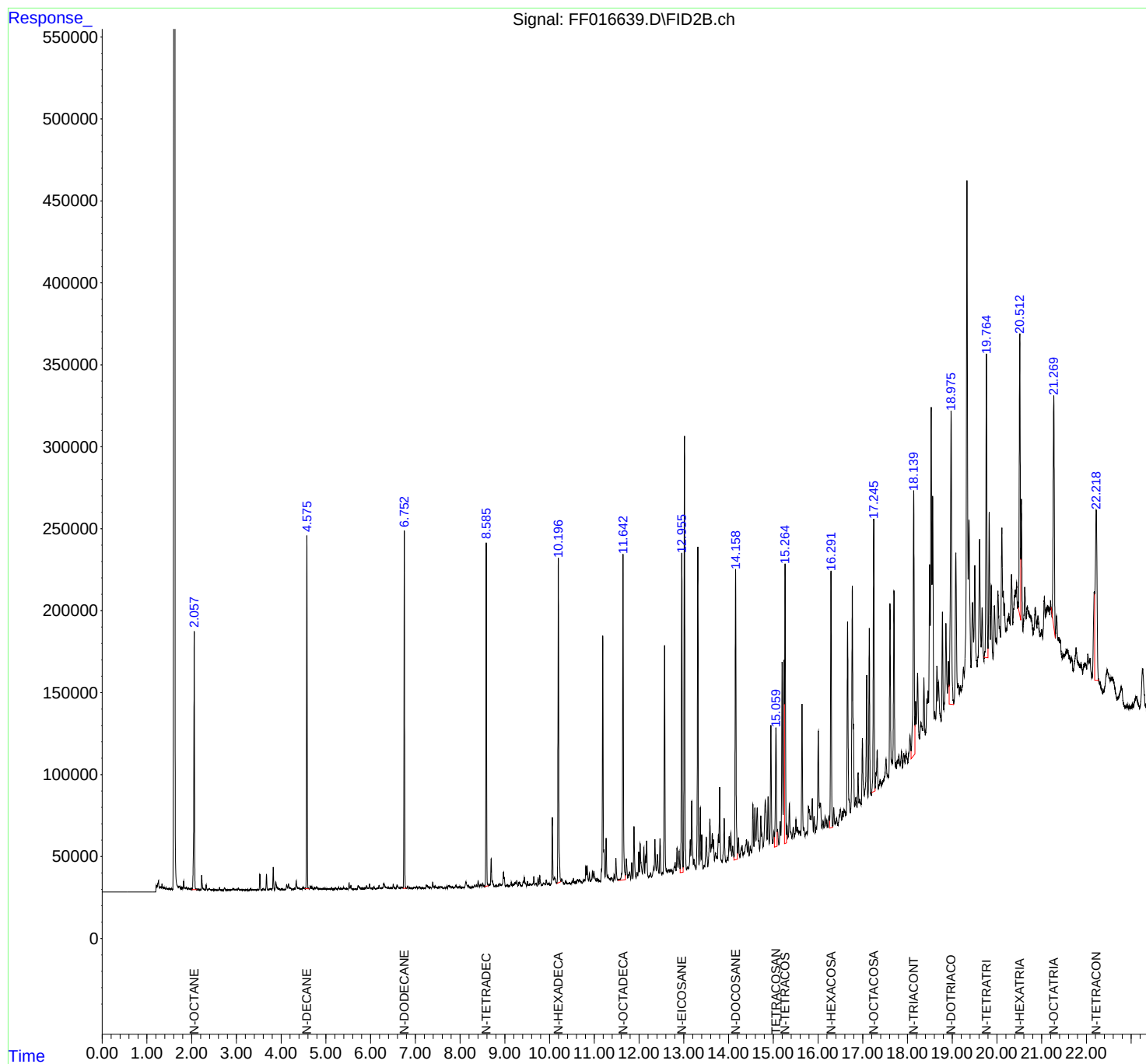
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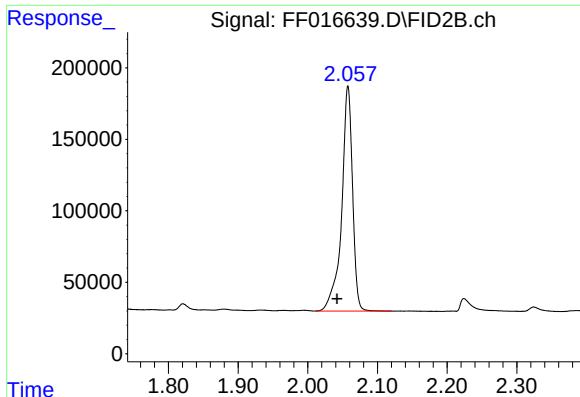
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QLast Update : Wed Oct 29 12:48:52 2025
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Integrator: ChemStation

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





#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: 0.016 min
Response: 1716913
Conc: 15.47 ug/ml

Instrument :

FID_F

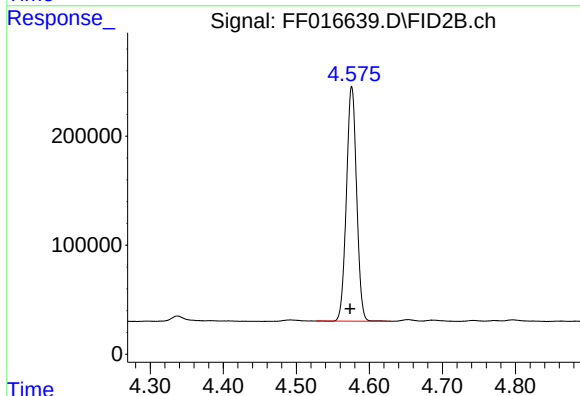
ClientSampleId :

WASTEMSD

Manual Integrations

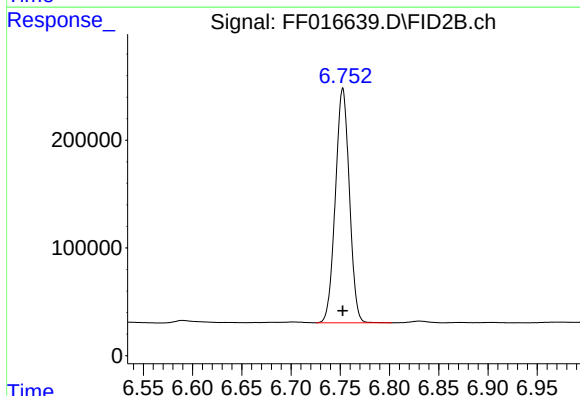
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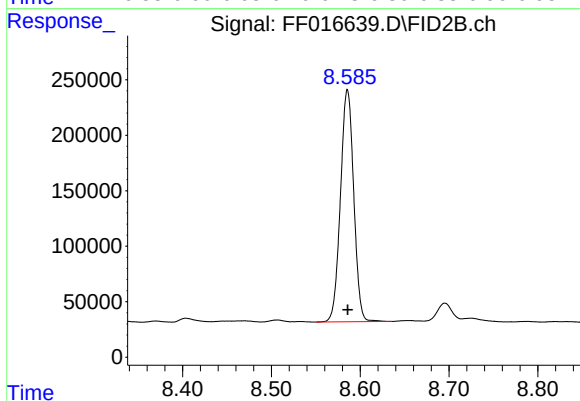
#2 N-DECANE

R.T.: 4.576 min
Delta R.T.: 0.002 min
Response: 2086963
Conc: 18.86 ug/ml



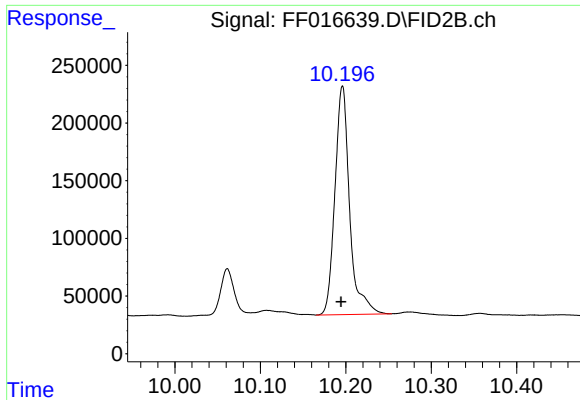
#3 N-DODECANE

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 2150957
Conc: 19.36 ug/ml



#4 N-TETRADECANE

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 2170718
Conc: 19.43 ug/ml



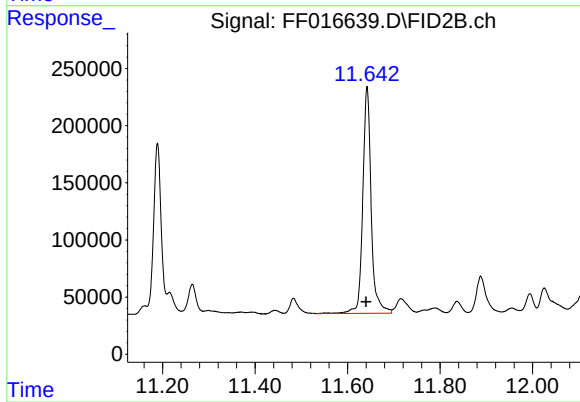
#5 N-HEXADECANE

R.T.: 10.196 min
Delta R.T.: 0.002 min
Response: 2371313
Conc: 21.11 ug/ml

Instrument :
FID_F
ClientSampleId :
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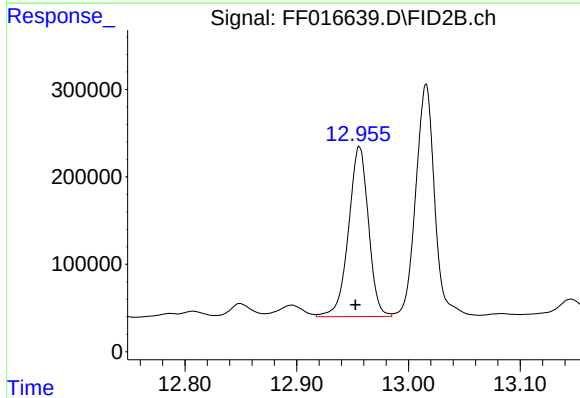
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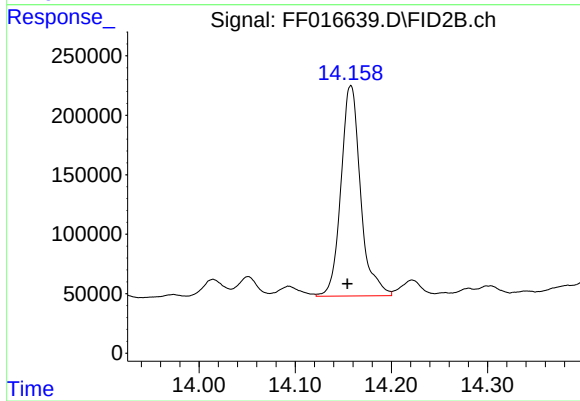
#6 N-OCTADECANE

R.T.: 11.642 min
Delta R.T.: 0.002 min
Response: 2513495
Conc: 21.48 ug/ml



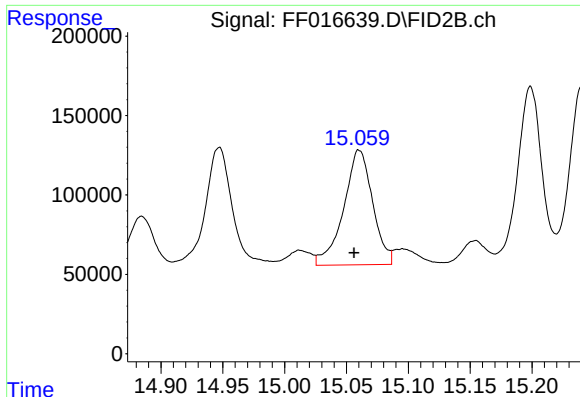
#7 N-EICOSANE

R.T.: 12.956 min
Delta R.T.: 0.003 min
Response: 2408331
Conc: 19.72 ug/ml



#8 N-DOCOSANE

R.T.: 14.158 min
Delta R.T.: 0.004 min
Response: 2496707
Conc: 20.94 ug/ml



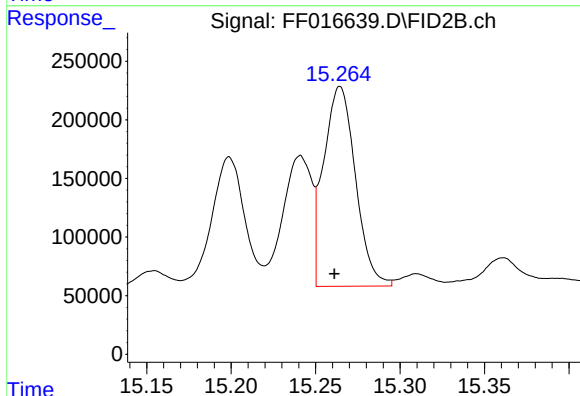
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.060 min
Delta R.T.: 0.004 min
Response: 1178413
Conc: 11.28 ug/ml

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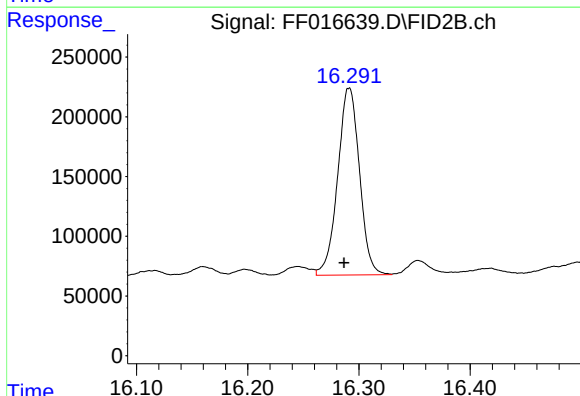
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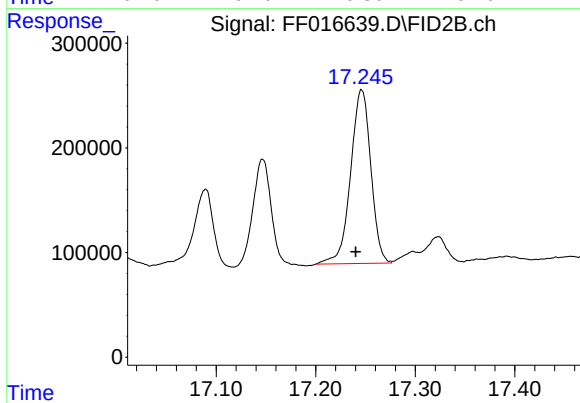
#10 N-TETRACOSANE

R.T.: 15.264 min
Delta R.T.: 0.003 min
Response: 2231611
Conc: 18.83 ug/ml



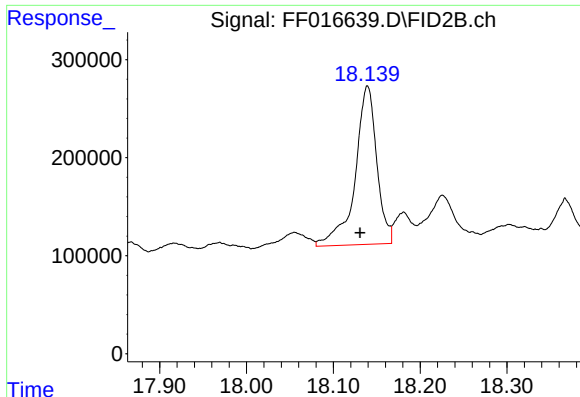
#11 N-HEXACOSANE

R.T.: 16.291 min
Delta R.T.: 0.005 min
Response: 2132184
Conc: 18.56 ug/ml



#12 N-OCTACOSANE

R.T.: 17.246 min
Delta R.T.: 0.006 min
Response: 2339955
Conc: 20.53 ug/ml



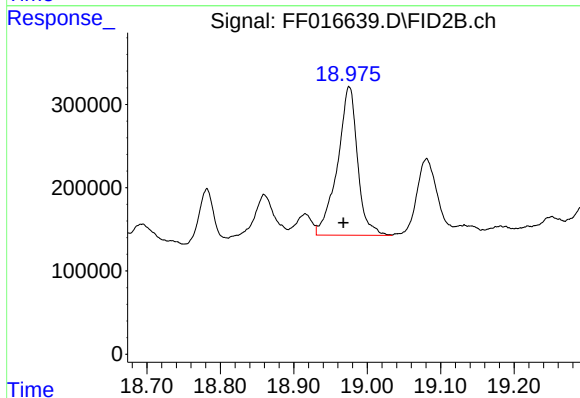
#13 N-TRIACONTANE

R.T.: 18.139 min
Delta R.T.: 0.009 min
Response: 2809210
Conc: 25.00 ug/ml

Instrument :
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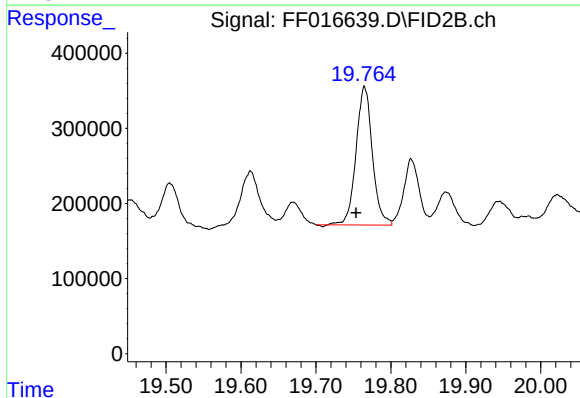
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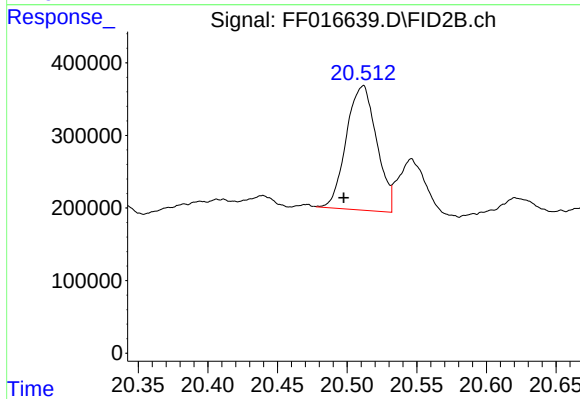
#14 N-DOTRIACONTANE

R.T.: 18.975 min
Delta R.T.: 0.007 min
Response: 3401691
Conc: 31.73 ug/ml m



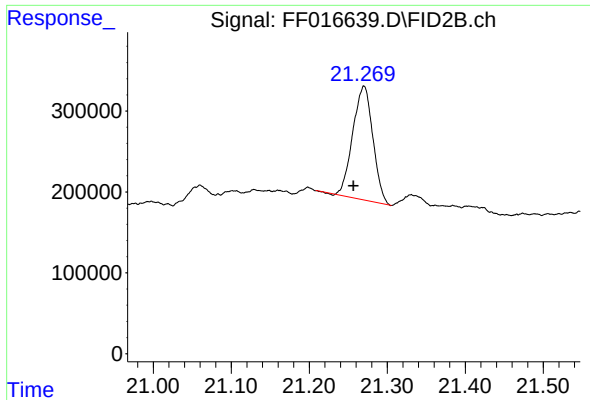
#15 N-TETRATRIACONTANE

R.T.: 19.765 min
Delta R.T.: 0.011 min
Response: 2788638
Conc: 28.38 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.511 min
Delta R.T.: 0.014 min
Response: 2588666
Conc: 30.27 ug/ml



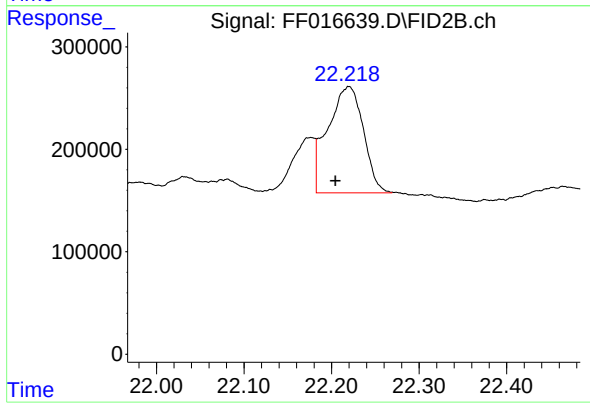
#17 N-OCTATRIACONTANE

R.T.: 21.270 min
Delta R.T.: 0.014 min
Response: 2521406
Conc: 32.85 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.218 min
Delta R.T.: 0.014 min
Response: 2910513
Conc: 42.65 ug/ml m