

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091725\
 Data File : FF016375.D
 Signal(s) : FID2B.ch
 Acq On : 17 Sep 2025 11:19
 Operator : YP\AJ
 Sample : MOTOR OIL 30
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 18 04:40:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:09:50 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...	15.089	409843	3.165 ug/ml
Target Compounds			
4) N-TETRADECANE	8.596	65471	0.470 ug/ml
5) N-HEXADECANE	10.205	269096	1.894 ug/ml
6) N-OCTADECANE	11.650	675818	4.597 ug/ml
7) N-EICOSANE	12.972	2917238	19.555 ug/ml
8) N-DOCOSANE	14.171	1530096	10.523 ug/ml
10) N-TETRACOSANE	15.281	811758	5.602 ug/ml
11) N-HEXACOSANE	16.313	514398	3.600 ug/ml
12) N-OCTACOSANE	17.251	1944714	13.980 ug/ml
13) N-TRIACONTANE	18.134	654509	4.736 ug/ml
14) N-DOTRIACONTANE	18.984	301098	2.331 ug/ml
15) N-TETRATRIACONTANE	19.752	367202	3.347 ug/ml
16) N-HEXATRIACONTANE	20.502	197887	2.248 ug/ml
17) N-OCTATRIACONTANE	21.263	160092	2.155 ug/ml
18) N-TETRACONTANE	22.197	316898	4.849 ug/ml

(f)=RT Delta > 1/2 Window

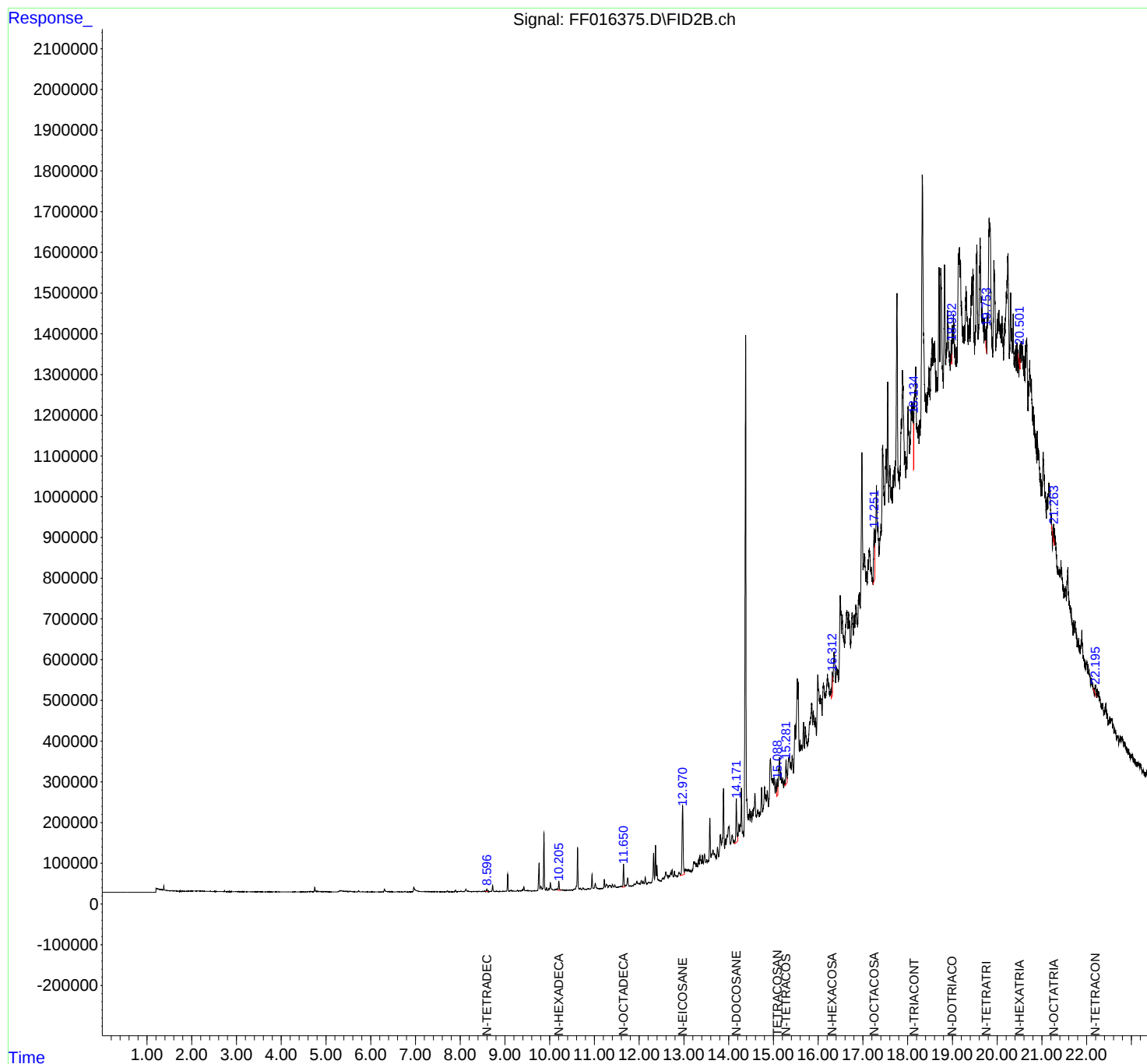
(m)=manual int.

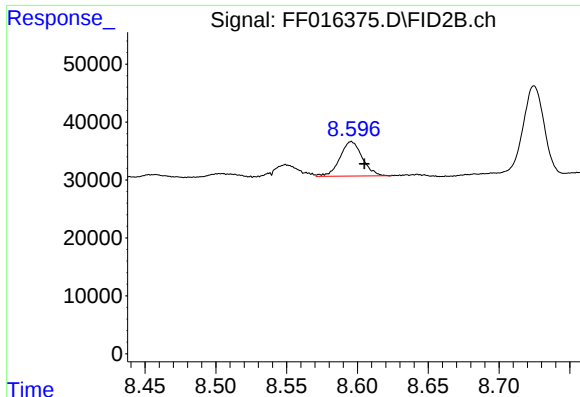
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Signal Info : 20mx0.18mmx0.18um

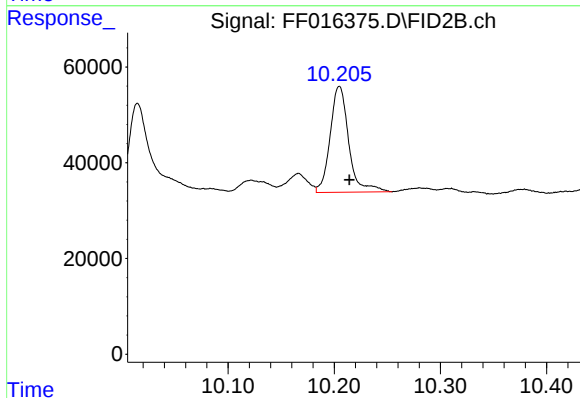




#4 N-TETRADECANE

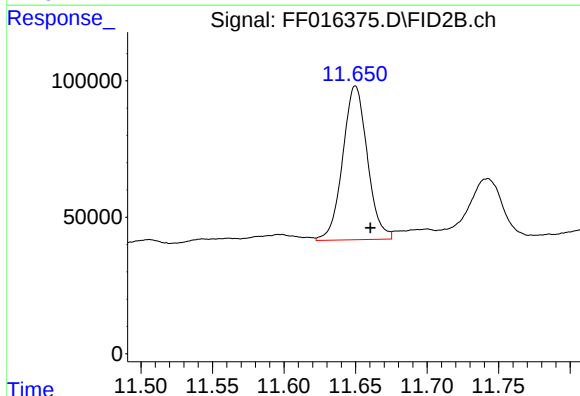
R.T.: 8.596 min
Delta R.T.: -0.009 min
Response: 65471
Conc: 0.47 ug/ml

Instrument :
FID_E
ClientSampleId :



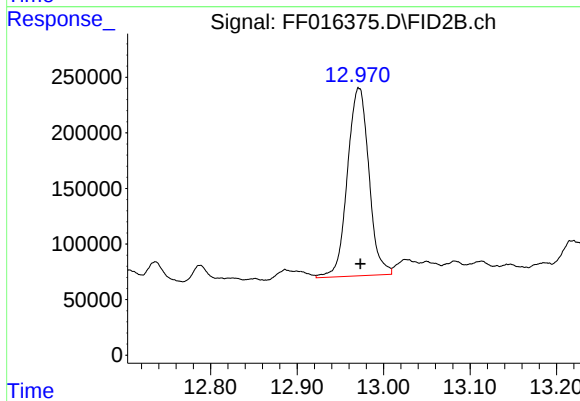
#5 N-HEXADECANE

R.T.: 10.205 min
Delta R.T.: -0.010 min
Response: 269096
Conc: 1.89 ug/ml



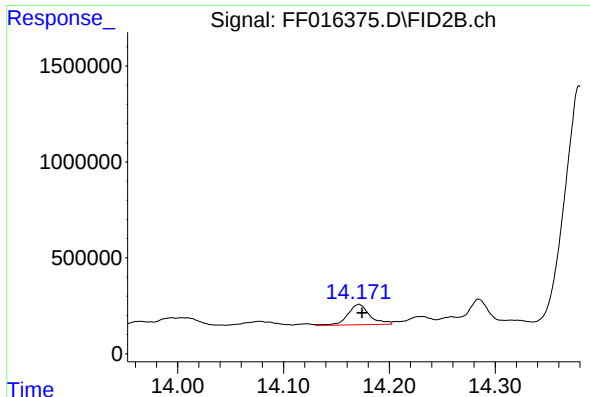
#6 N-OCTADECANE

R.T.: 11.650 min
Delta R.T.: -0.011 min
Response: 675818
Conc: 4.60 ug/ml



#7 N-EICOSANE

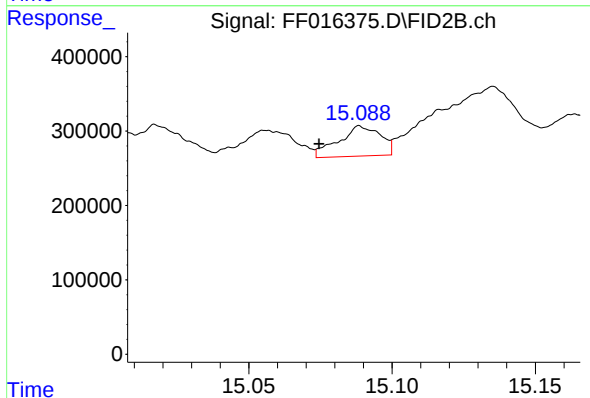
R.T.: 12.972 min
Delta R.T.: -0.002 min
Response: 2917238
Conc: 19.56 ug/ml



#8 N-DOCOSANE

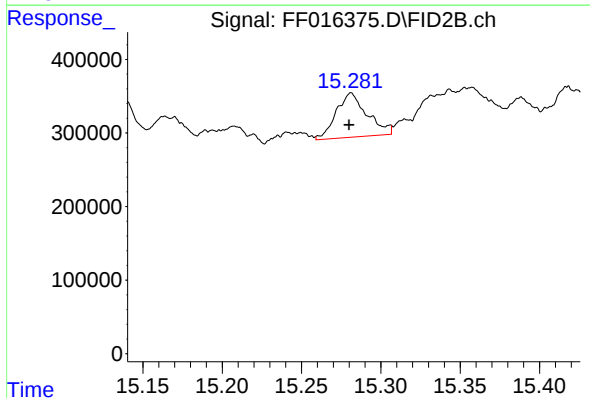
R.T.: 14.171 min
Delta R.T.: -0.003 min
Response: 1530096
Conc: 10.52 ug/ml

Instrument :
FID_E
ClientSampleId :



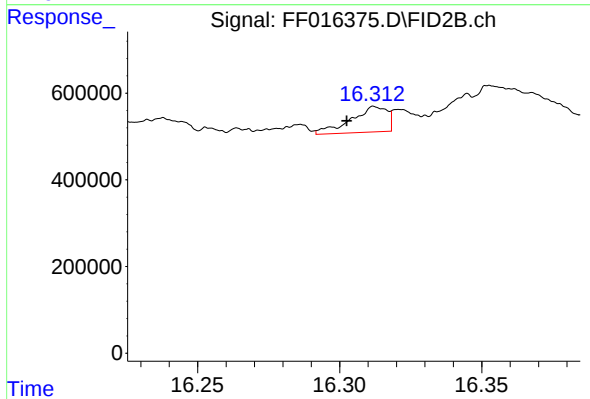
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.089 min
Delta R.T.: 0.015 min
Response: 409843
Conc: 3.17 ug/ml



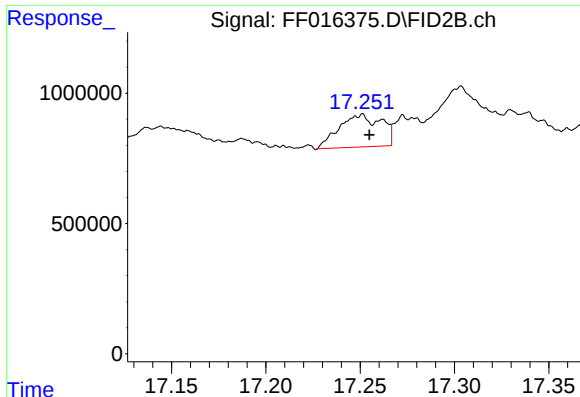
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: 0.001 min
Response: 811758
Conc: 5.60 ug/ml



#11 N-HEXACOSANE

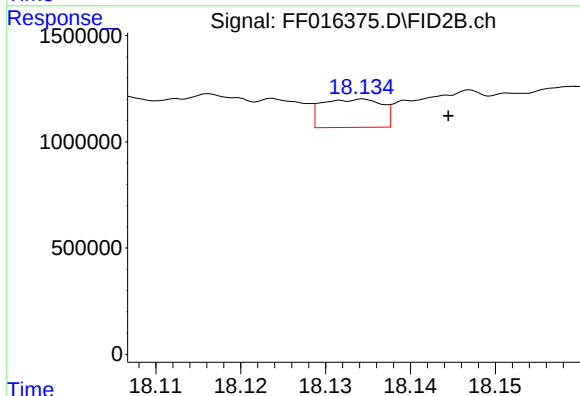
R.T.: 16.313 min
Delta R.T.: 0.010 min
Response: 514398
Conc: 3.60 ug/ml



#12 N-OCTACOSANE

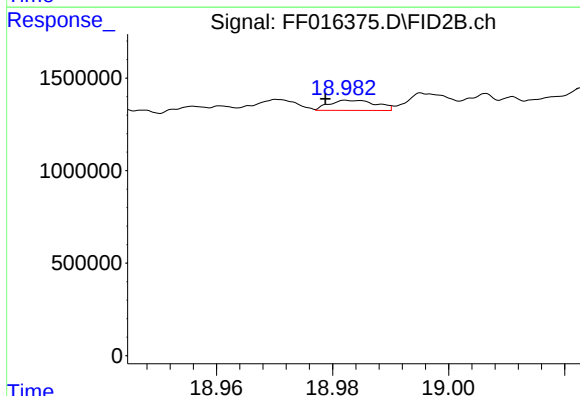
R.T.: 17.251 min
Delta R.T.: -0.004 min
Response: 1944714
Conc: 13.98 ug/ml

Instrument :
FID_E
ClientSampleId :



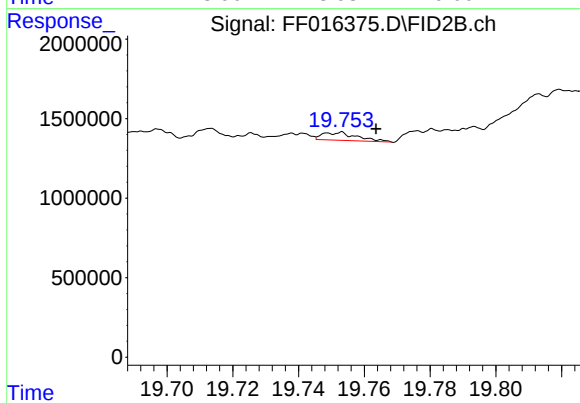
#13 N-TRIACONTANE

R.T.: 18.134 min
Delta R.T.: -0.011 min
Response: 654509
Conc: 4.74 ug/ml



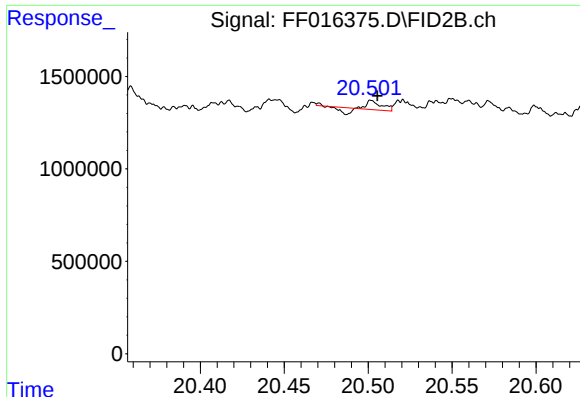
#14 N-DOTRIACONTANE

R.T.: 18.984 min
Delta R.T.: 0.005 min
Response: 301098
Conc: 2.33 ug/ml



#15 N-TETRATRIACONTANE

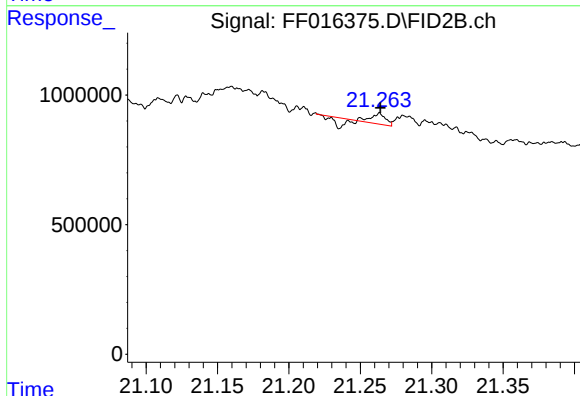
R.T.: 19.752 min
Delta R.T.: -0.011 min
Response: 367202
Conc: 3.35 ug/ml



#16 N-HEXATRIACONTANE

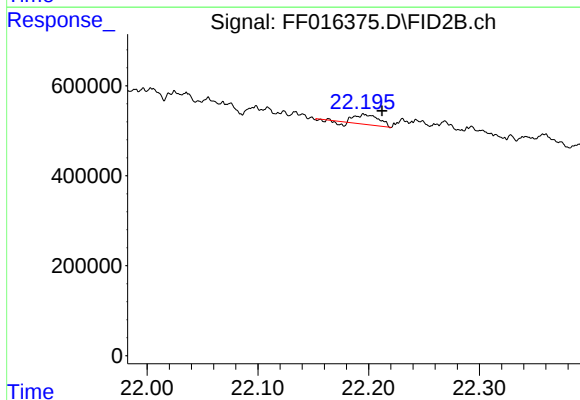
R.T.: 20.502 min
Delta R.T.: -0.003 min
Response: 197887
Conc: 2.25 ug/ml

Instrument :
FID_E
ClientSampleId :



#17 N-OCTATRIACONTANE

R.T.: 21.263 min
Delta R.T.: 0.000 min
Response: 160092
Conc: 2.15 ug/ml



#18 N-TETRACONTANE

R.T.: 22.197 min
Delta R.T.: -0.015 min
Response: 316898
Conc: 4.85 ug/ml