

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091725\
 Data File : FF016376.D
 Signal(s) : FID2B.ch
 Acq On : 17 Sep 2025 11:48
 Operator : YP\AJ
 Sample : MOTOR OIL 40
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 18 04:41:11 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...	15.058	276577	2.136 ug/ml
Target Compounds			
4) N-TETRADECANE	8.600	58941	0.423 ug/ml
5) N-HEXADECANE	10.207	212701	1.497 ug/ml
6) N-OCTADECANE	11.652	301478	2.051 ug/ml
7) N-EICOSANE	12.964	381171	2.555 ug/ml
8) N-DOCOSANE	14.168	450358	3.097 ug/ml
10) N-TETRACOSANE	15.281	227305	1.569 ug/ml
11) N-HEXACOSANE	16.312	410624	2.874 ug/ml
12) N-OCTACOSANE	17.256	1245785	8.956 ug/ml
13) N-TRIACONTANE	18.166	5429273	39.288 ug/ml
14) N-DOTRIACONTANE	18.988	572269	4.431 ug/ml
15) N-TETRATRIACONTANE	19.764	110401	1.006 ug/ml
16) N-HEXATRIACONTANE	20.513	421998	4.793 ug/ml
17) N-OCTATRIACONTANE	21.259	551257	7.420 ug/ml
18) N-TETRACONTANE	22.209	241264	3.692 ug/ml

(f)=RT Delta > 1/2 Window

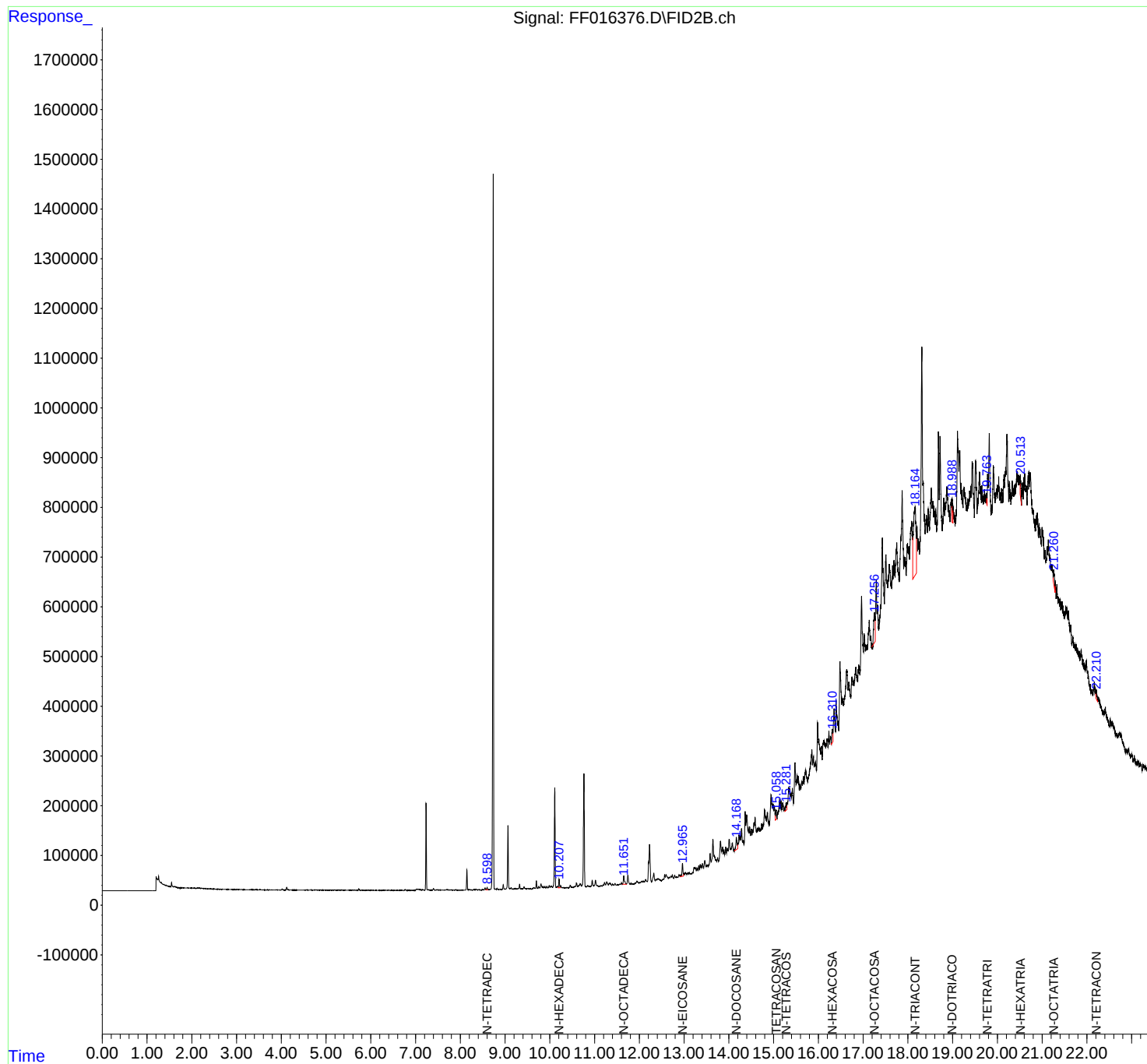
(m)=manual int.

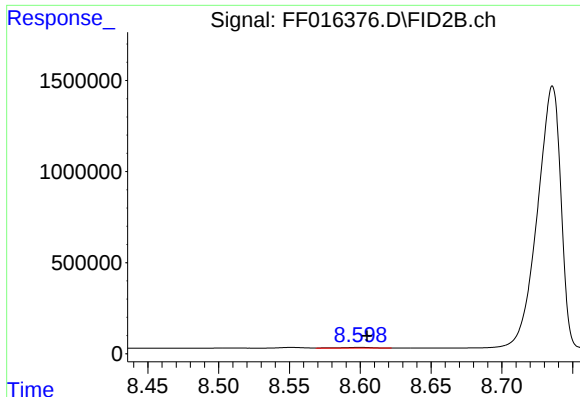
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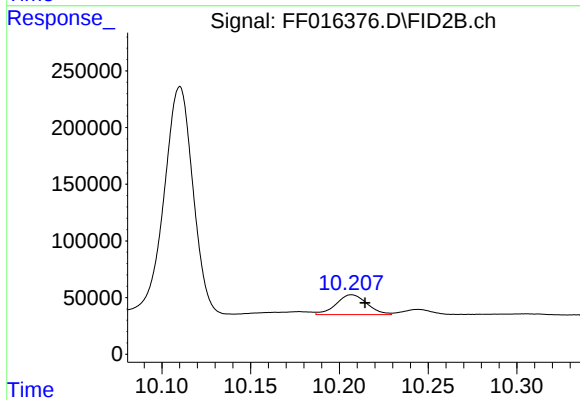




#4 N-TETRADECANE

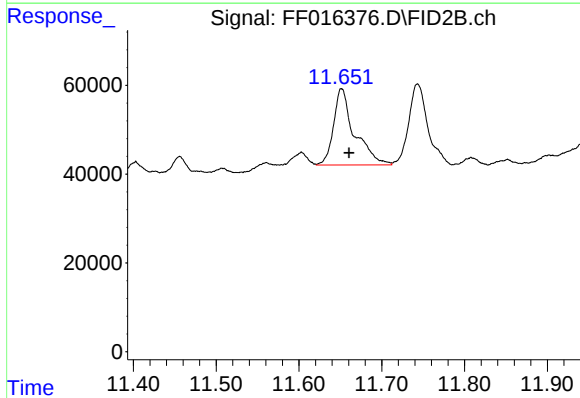
R.T.: 8.600 min
Delta R.T.: -0.005 min
Response: 58941
Conc: 0.42 ug/ml

Instrument :
FID_E
ClientSampleId :



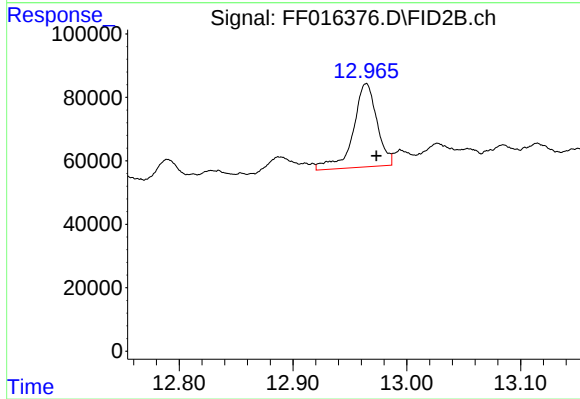
#5 N-HEXADECANE

R.T.: 10.207 min
Delta R.T.: -0.007 min
Response: 212701
Conc: 1.50 ug/ml



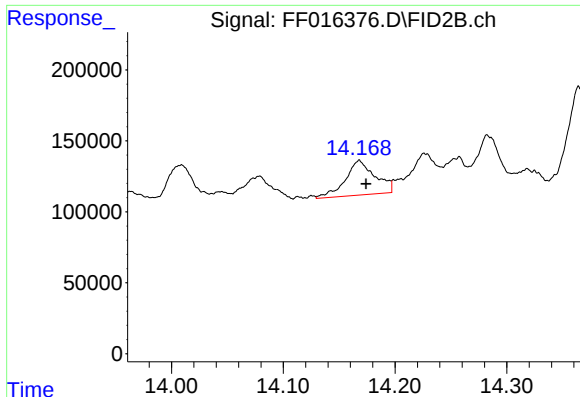
#6 N-OCTADECANE

R.T.: 11.652 min
Delta R.T.: -0.009 min
Response: 301478
Conc: 2.05 ug/ml



#7 N-EICOSANE

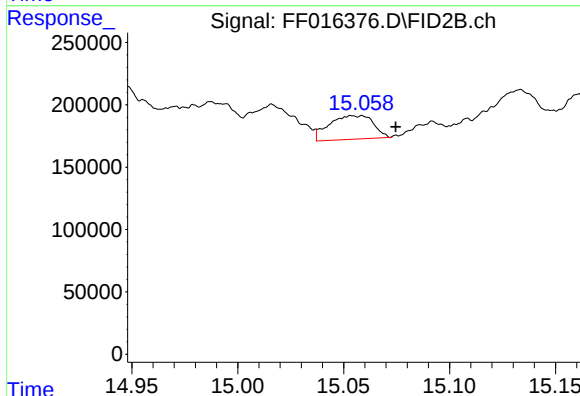
R.T.: 12.964 min
Delta R.T.: -0.009 min
Response: 381171
Conc: 2.56 ug/ml



#8 N-DOCOSANE

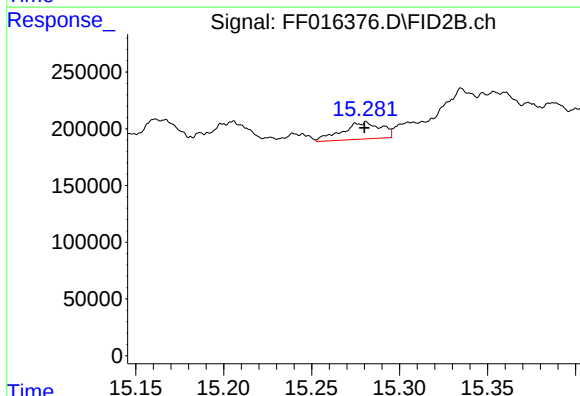
R.T.: 14.168 min
Delta R.T.: -0.006 min
Response: 450358
Conc: 3.10 ug/ml

Instrument :
FID_E
ClientSampleId :



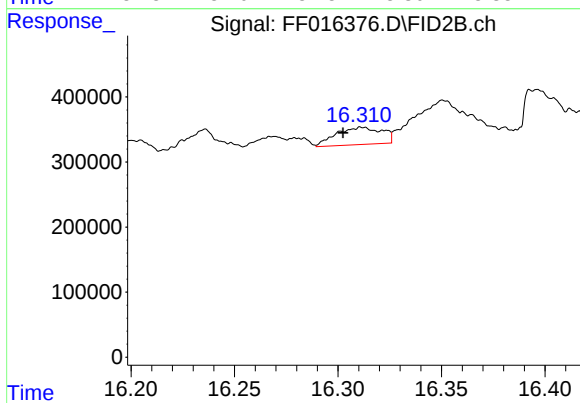
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.058 min
Delta R.T.: -0.016 min
Response: 276577
Conc: 2.14 ug/ml



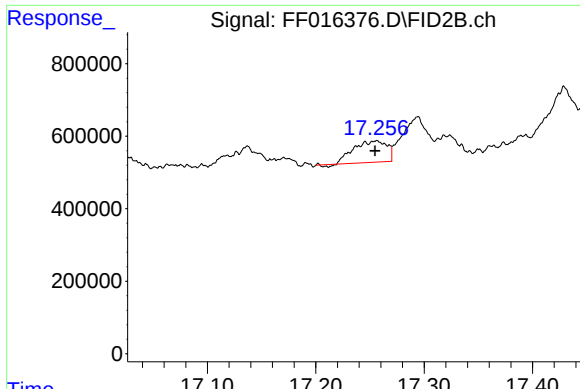
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: 0.001 min
Response: 227305
Conc: 1.57 ug/ml



#11 N-HEXACOSANE

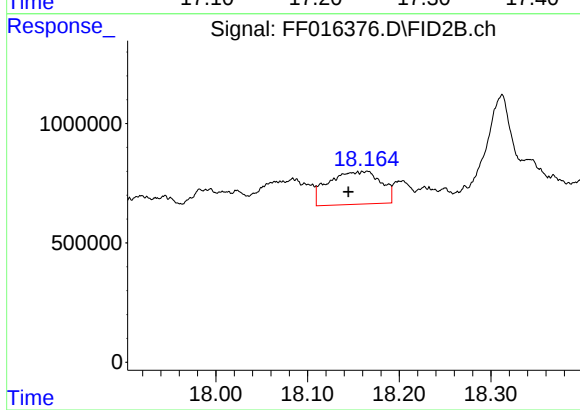
R.T.: 16.312 min
Delta R.T.: 0.009 min
Response: 410624
Conc: 2.87 ug/ml



#12 N-OCTACOSANE

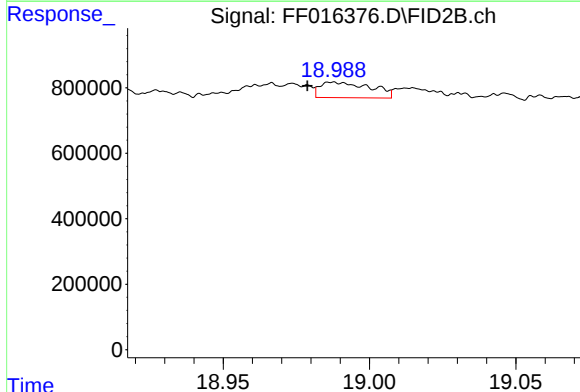
R.T.: 17.256 min
Delta R.T.: 0.001 min
Response: 1245785
Conc: 8.96 ug/ml

Instrument :
FID_E
ClientSampleId :



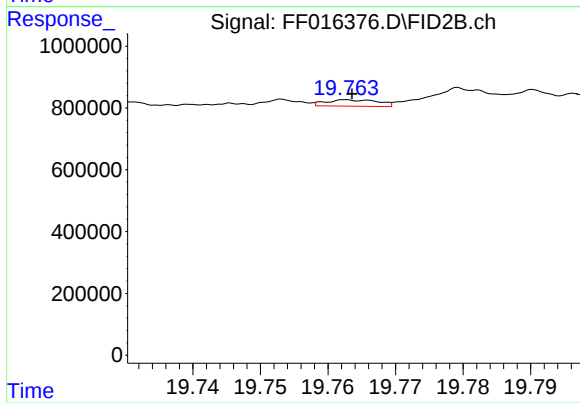
#13 N-TRIACONTANE

R.T.: 18.166 min
Delta R.T.: 0.021 min
Response: 5429273
Conc: 39.29 ug/ml



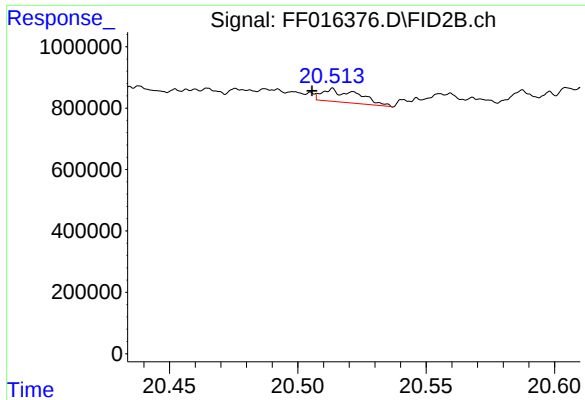
#14 N-DOTRIACONTANE

R.T.: 18.988 min
Delta R.T.: 0.009 min
Response: 572269
Conc: 4.43 ug/ml



#15 N-TETRATRIACONTANE

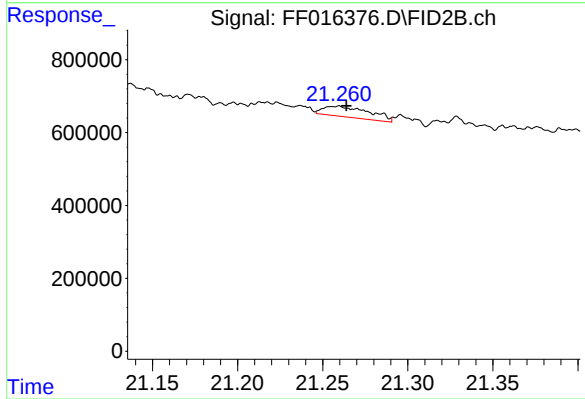
R.T.: 19.764 min
Delta R.T.: 0.000 min
Response: 110401
Conc: 1.01 ug/ml



#16 N-HEXATRIACONTANE

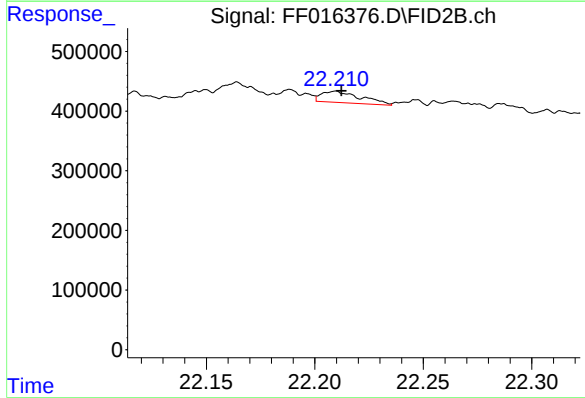
R.T.: 20.513 min
Delta R.T.: 0.008 min
Response: 421998
Conc: 4.79 ug/ml

Instrument :
FID_E
ClientSampleId :



#17 N-OCTATRIACONTANE

R.T.: 21.259 min
Delta R.T.: -0.005 min
Response: 551257
Conc: 7.42 ug/ml



#18 N-TETRACONTANE

R.T.: 22.209 min
Delta R.T.: -0.003 min
Response: 241264
Conc: 3.69 ug/ml