

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091725\
 Data File : FF016372.D
 Signal(s) : FID2B.ch
 Acq On : 17 Sep 2025 09:50
 Operator : YP\AJ
 Sample : DIESEL FUEL#2
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 18 04:39:35 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...	15.106	172529	1.332 ug/ml
Target Compounds			
2) N-DECANE	4.587	2291264	17.207 ug/ml
3) N-DODECANE	6.771	13066527	96.116 ug/ml
4) N-TETRADECANE	8.607	16429461	117.840 ug/ml
5) N-HEXADECANE	10.215	12704451	89.429 ug/ml
6) N-OCTADECANE	11.658	12602669	85.727 ug/ml
7) N-EICOSANE	12.966	7306841	48.981 ug/ml
8) N-DOCOSANE	14.163	1293702	8.897 ug/ml
10) N-TETRACOSANE	15.268	111177	0.767 ug/ml
12) N-OCTACOSANE	17.244	156047	1.122 ug/ml
13) N-TRIACONTANE	18.134	357979	2.590 ug/ml
14) N-DOTRIACONTANE	18.969	381207	2.951 ug/ml
15) N-TETRATRIACONTANE	19.755	247741	2.258 ug/ml
16) N-HEXATRIACONTANE	20.499	108485	1.232 ug/ml

(f)=RT Delta > 1/2 Window

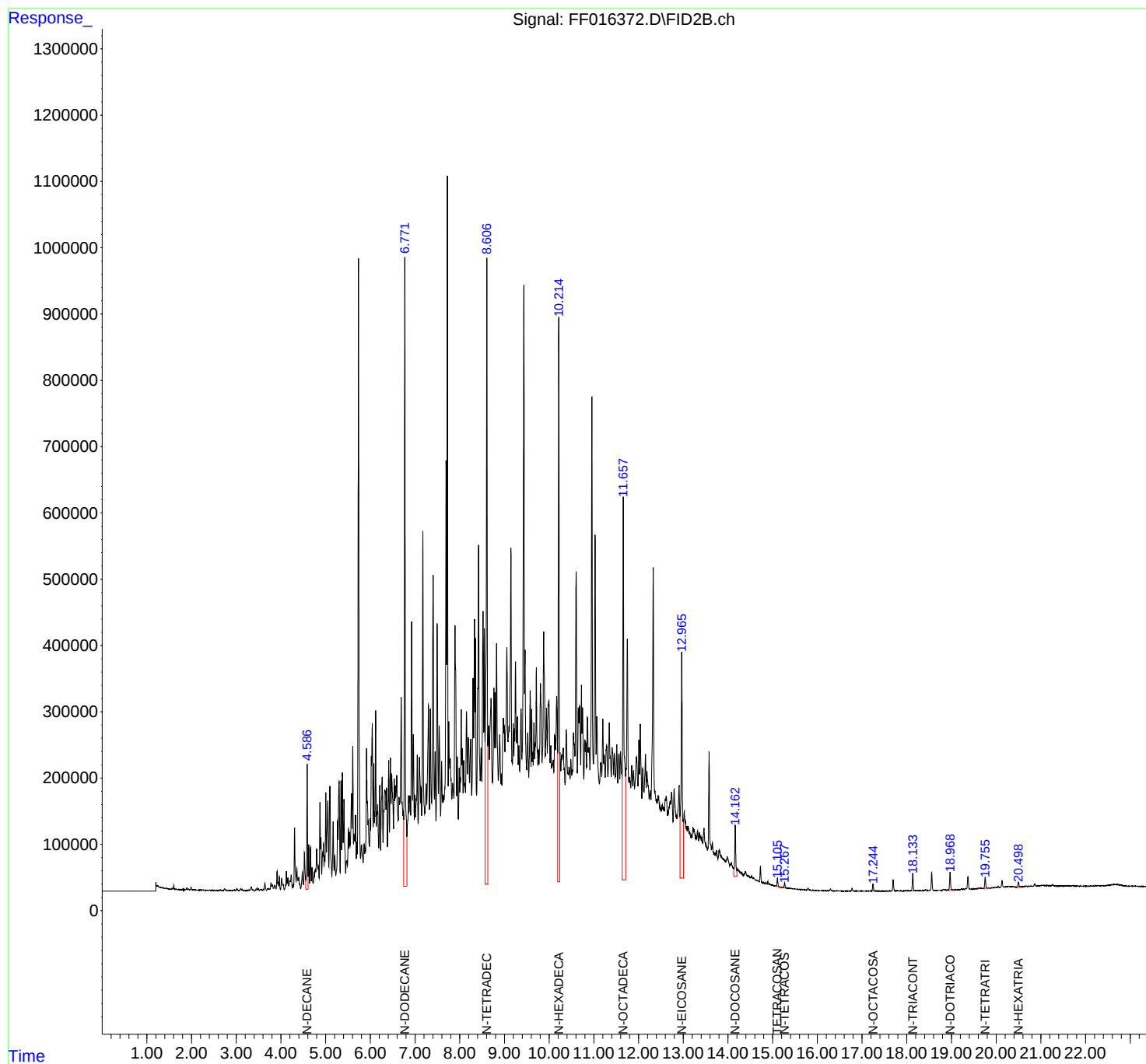
(m)=manual int.

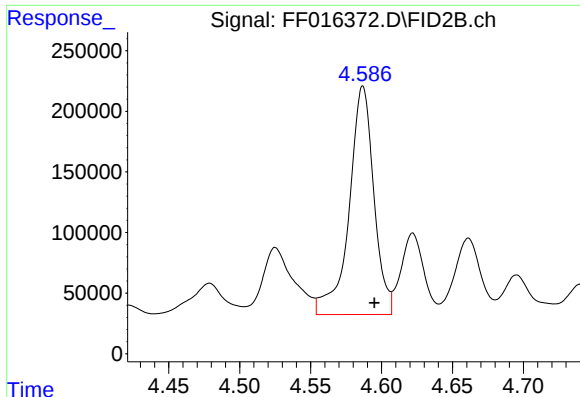
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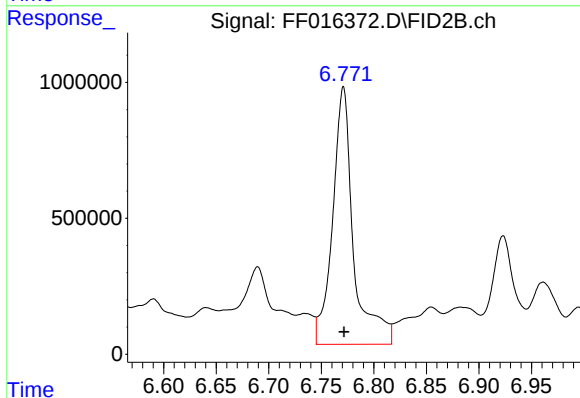




#2 N-DECANE

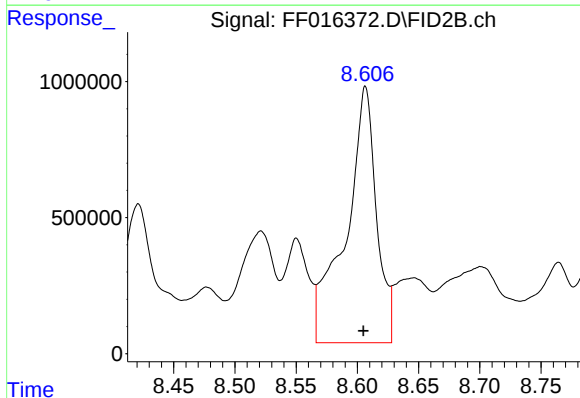
R.T.: 4.587 min
Delta R.T.: -0.008 min
Response: 2291264
Conc: 17.21 ug/ml

Instrument :
FID_E
ClientSampleId :



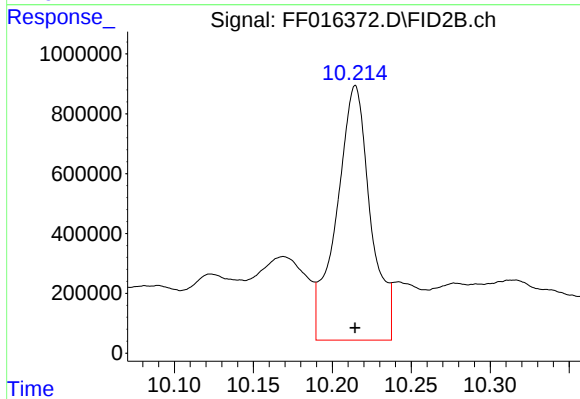
#3 N-DODECANE

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 13066527
Conc: 96.12 ug/ml



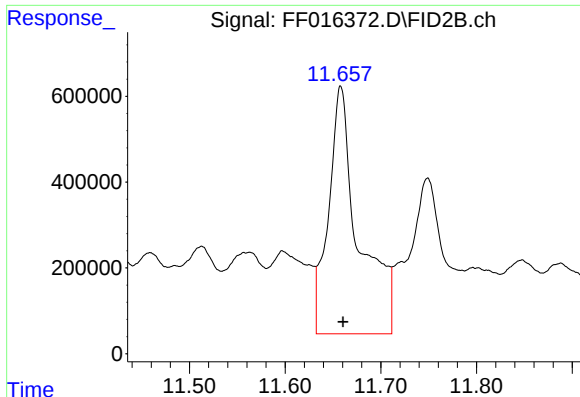
#4 N-TETRADECANE

R.T.: 8.607 min
Delta R.T.: 0.002 min
Response: 16429461
Conc: 117.84 ug/ml



#5 N-HEXADECANE

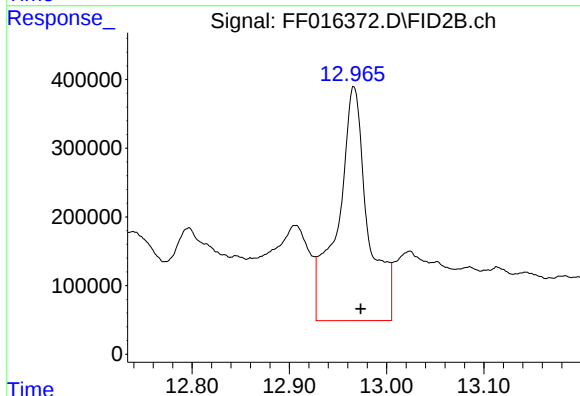
R.T.: 10.215 min
Delta R.T.: 0.000 min
Response: 12704451
Conc: 89.43 ug/ml



#6 N-OCTADECANE

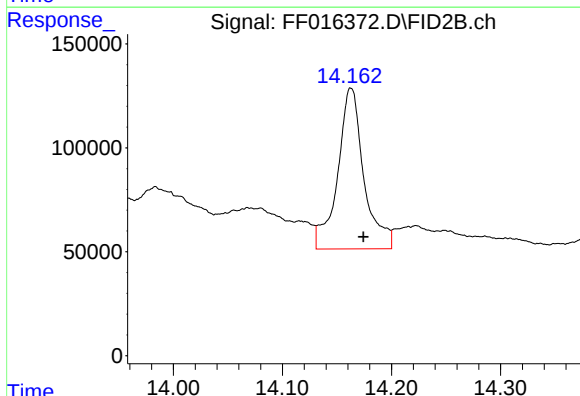
R.T.: 11.658 min
Delta R.T.: -0.002 min
Response: 12602669
Conc: 85.73 ug/ml

Instrument :
FID_E
ClientSampleId :



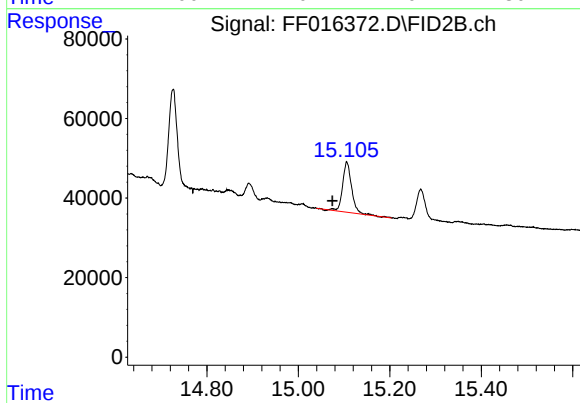
#7 N-EICOSANE

R.T.: 12.966 min
Delta R.T.: -0.007 min
Response: 7306841
Conc: 48.98 ug/ml



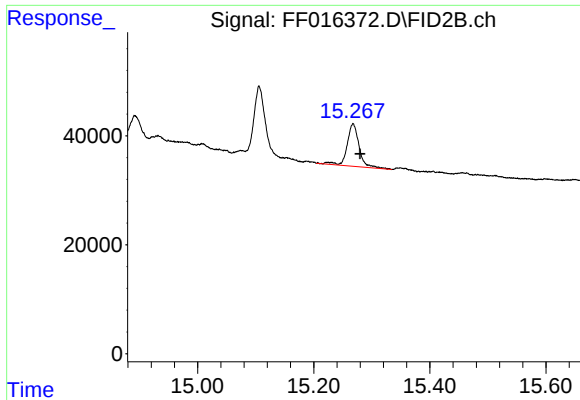
#8 N-DOCOSANE

R.T.: 14.163 min
Delta R.T.: -0.011 min
Response: 1293702
Conc: 8.90 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

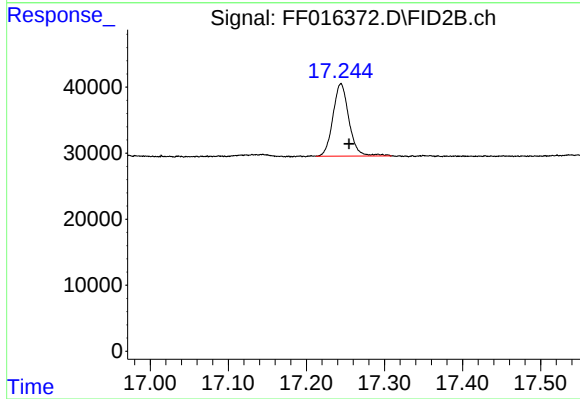
R.T.: 15.106 min
Delta R.T.: 0.032 min
Response: 172529
Conc: 1.33 ug/ml



#10 N-TETRACOSANE

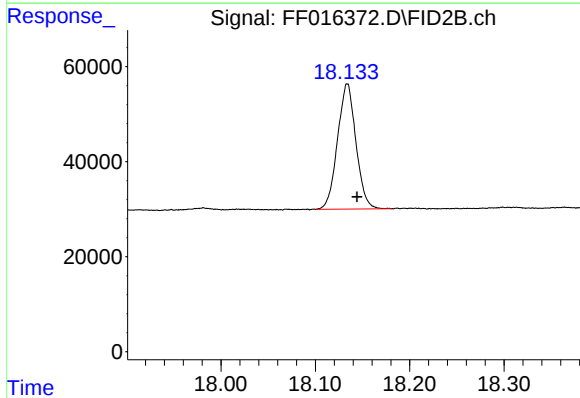
R.T.: 15.268 min
Delta R.T.: -0.012 min
Response: 111177
Conc: 0.77 ug/ml

Instrument :
FID_E
ClientSampleId :



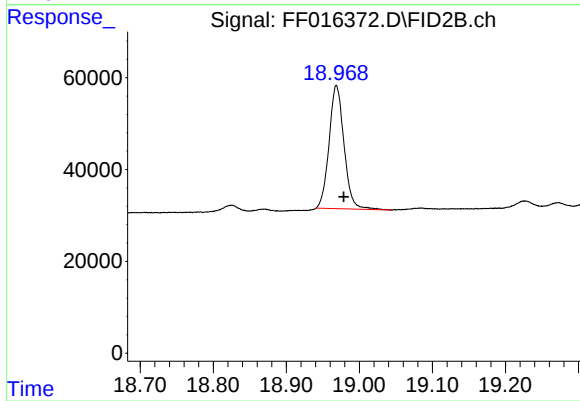
#12 N-OCTACOSANE

R.T.: 17.244 min
Delta R.T.: -0.011 min
Response: 156047
Conc: 1.12 ug/ml



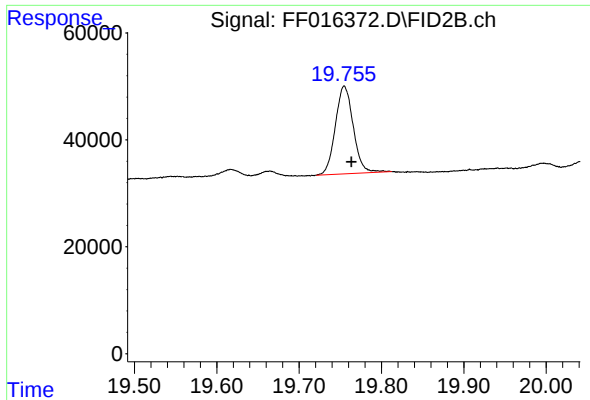
#13 N-TRIACONTANE

R.T.: 18.134 min
Delta R.T.: -0.011 min
Response: 357979
Conc: 2.59 ug/ml



#14 N-DOTRIACONTANE

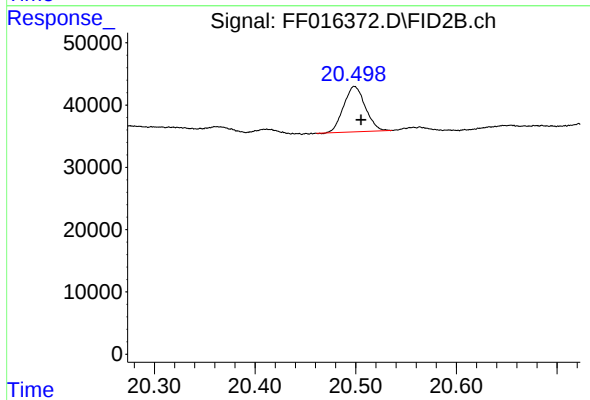
R.T.: 18.969 min
Delta R.T.: -0.010 min
Response: 381207
Conc: 2.95 ug/ml



#15 N-TETRATRIACONTANE

R.T.: 19.755 min
Delta R.T.: -0.009 min
Response: 247741
Conc: 2.26 ug/ml

Instrument :
FID_E
ClientSampleId :



#16 N-HEXATRIACONTANE

R.T.: 20.499 min
Delta R.T.: -0.007 min
Response: 108485
Conc: 1.23 ug/ml