

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091725\
 Data File : FF016377.D
 Signal(s) : FID2B.ch
 Acq On : 17 Sep 2025 12:18
 Operator : YP\AJ
 Sample : MOTOR OIL 50
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 18 04:41:36 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...	15.092	296972	2.293 ug/ml
Target Compounds			
4) N-TETRADECANE	8.550f	42939	0.308 ug/ml
5) N-HEXADECANE	10.208	138068	0.972 ug/ml
6) N-OCTADECANE	11.652	280761	1.910 ug/ml
7) N-EICOSANE	12.965	401960	2.695 ug/ml
8) N-DOCOSANE	14.169	610944	4.202 ug/ml
10) N-TETRACOSANE	15.272	176927	1.221 ug/ml
11) N-HEXACOSANE	16.309	411337	2.879 ug/ml
12) N-OCTACOSANE	17.243	891656	6.410 ug/ml
13) N-TRIACONTANE	18.138	1193713	8.638 ug/ml
14) N-DOTRIACONTANE	18.991	404081	3.129 ug/ml
15) N-TETRATRIACONTANE	19.806	2094597	19.093 ug/ml
16) N-HEXATRIACONTANE	20.514	394975	4.487 ug/ml
17) N-OCTATRIACONTANE	21.249	323930	4.360 ug/ml
18) N-TETRACONTANE	22.192	282775	4.327 ug/ml

(f)=RT Delta > 1/2 Window

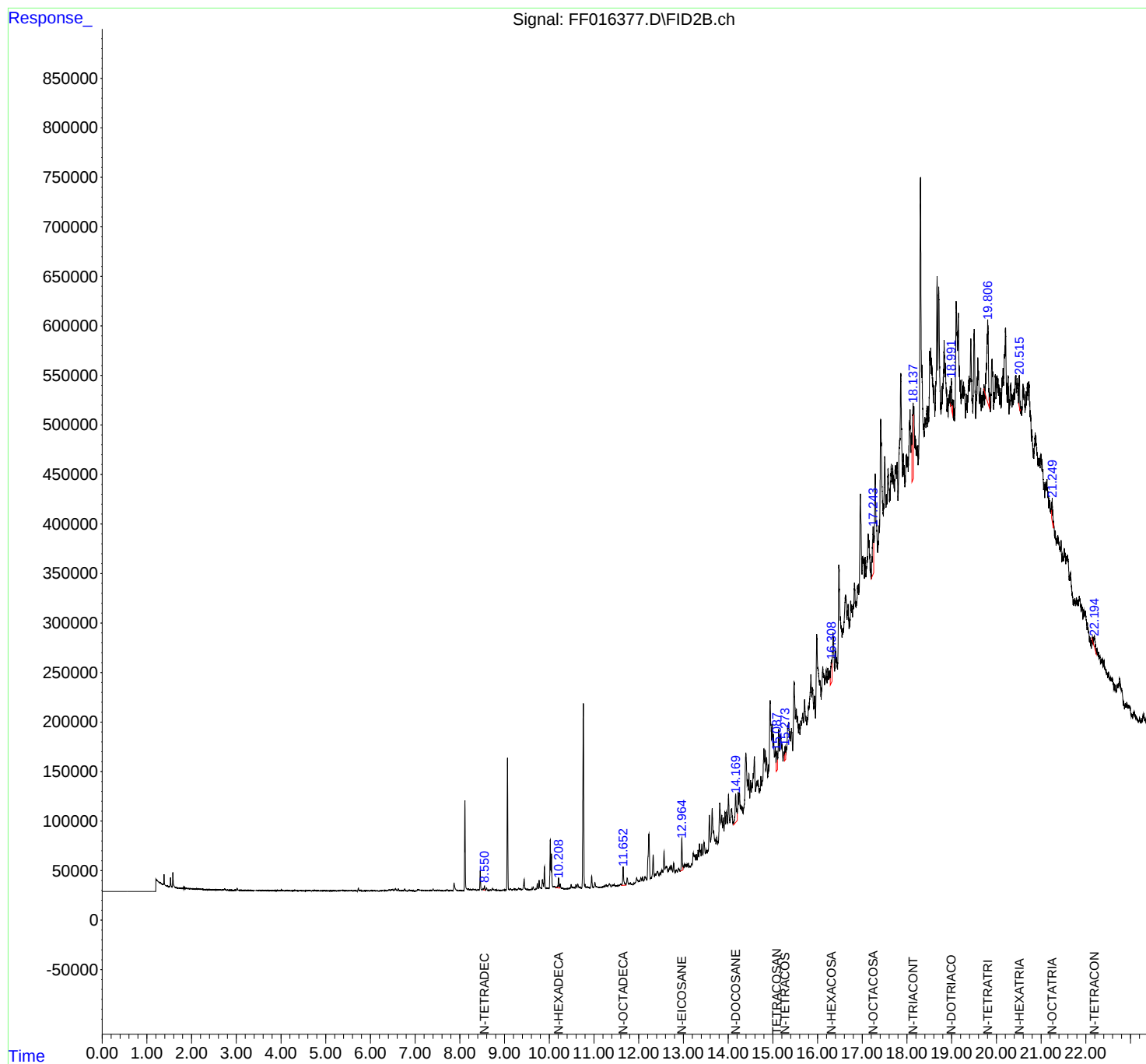
(m)=manual int.

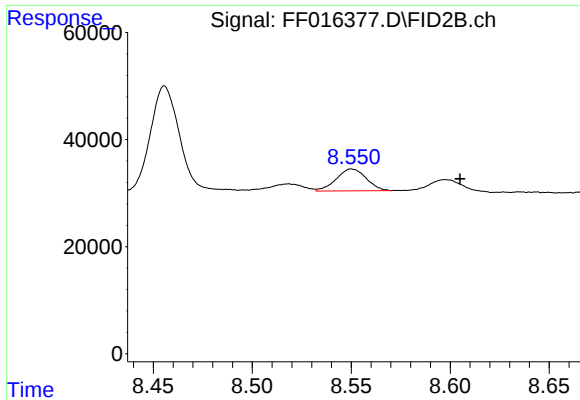
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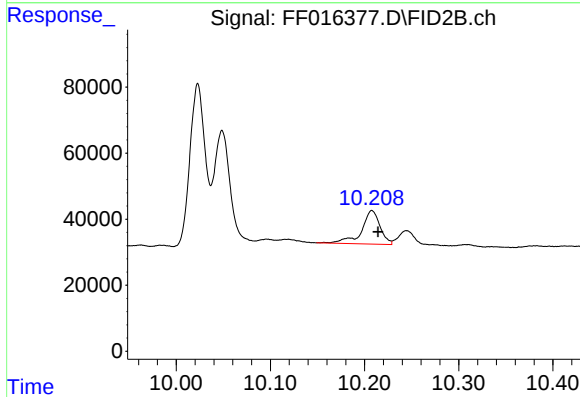




#4 N-TETRADECANE

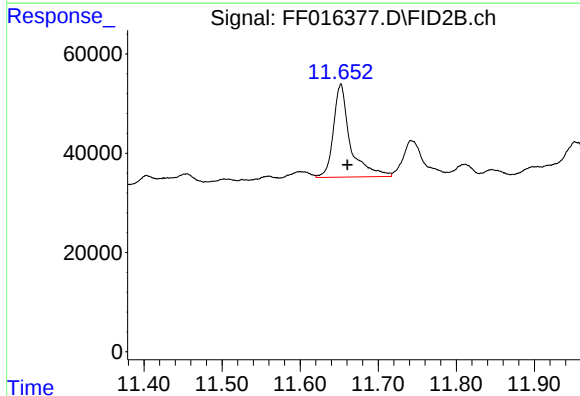
R.T.: 8.550 min
Delta R.T.: -0.055 min
Response: 42939
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :



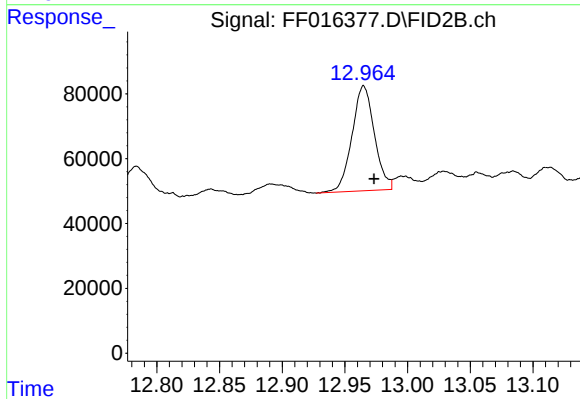
#5 N-HEXADECANE

R.T.: 10.208 min
Delta R.T.: -0.007 min
Response: 138068
Conc: 0.97 ug/ml



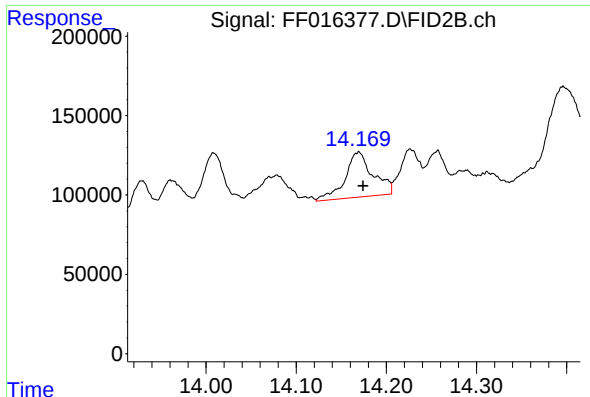
#6 N-OCTADECANE

R.T.: 11.652 min
Delta R.T.: -0.008 min
Response: 280761
Conc: 1.91 ug/ml



#7 N-EICOSANE

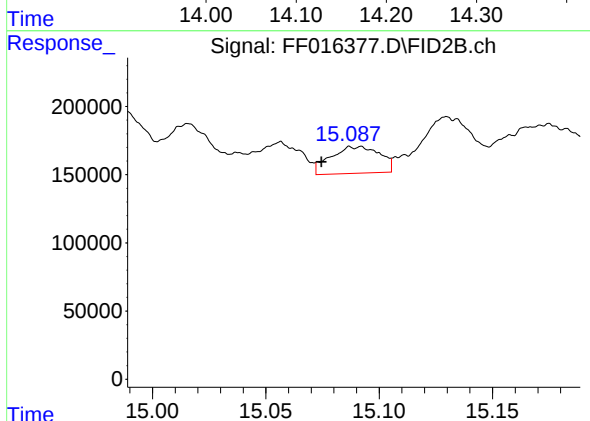
R.T.: 12.965 min
Delta R.T.: -0.008 min
Response: 401960
Conc: 2.69 ug/ml



#8 N-DOCOSANE

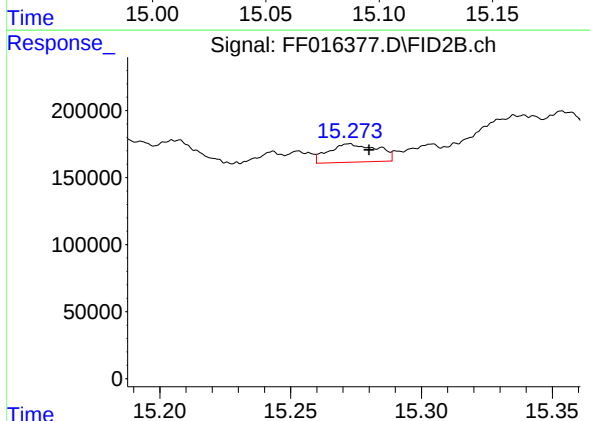
R.T.: 14.169 min
Delta R.T.: -0.005 min
Response: 610944
Conc: 4.20 ug/ml

Instrument :
FID_E
ClientSampleId :



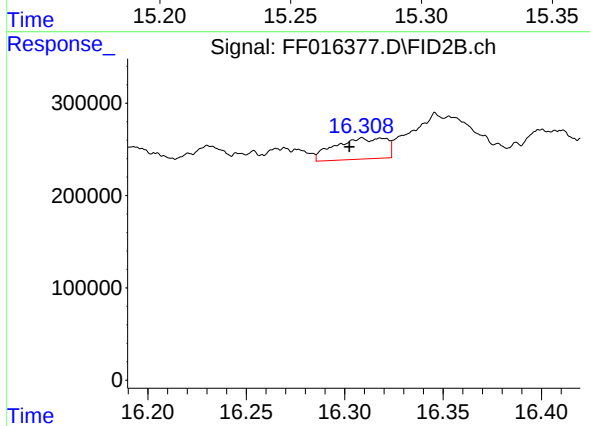
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.092 min
Delta R.T.: 0.017 min
Response: 296972
Conc: 2.29 ug/ml



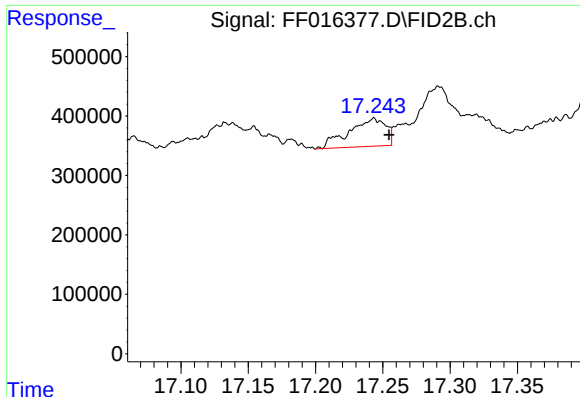
#10 N-TETRACOSANE

R.T.: 15.272 min
Delta R.T.: -0.008 min
Response: 176927
Conc: 1.22 ug/ml



#11 N-HEXACOSANE

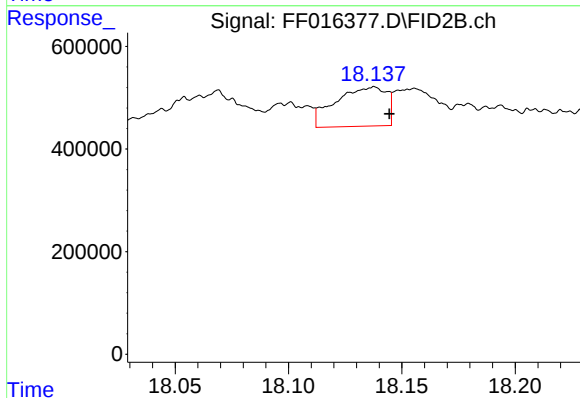
R.T.: 16.309 min
Delta R.T.: 0.006 min
Response: 411337
Conc: 2.88 ug/ml



#12 N-OCTACOSANE

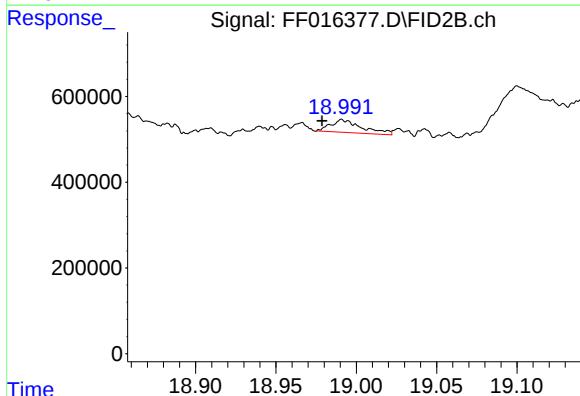
R.T.: 17.243 min
Delta R.T.: -0.011 min
Response: 891656
Conc: 6.41 ug/ml

Instrument :
FID_E
ClientSampleId :



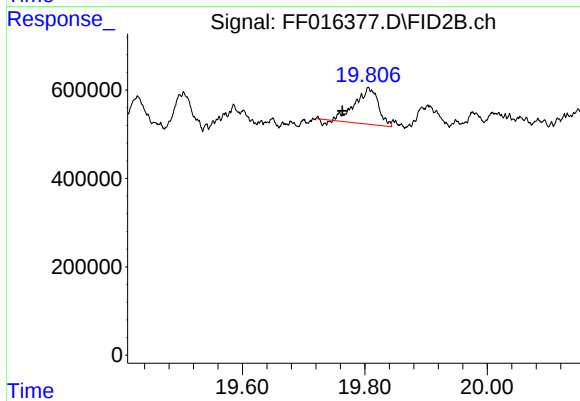
#13 N-TRIACONTANE

R.T.: 18.138 min
Delta R.T.: -0.007 min
Response: 1193713
Conc: 8.64 ug/ml



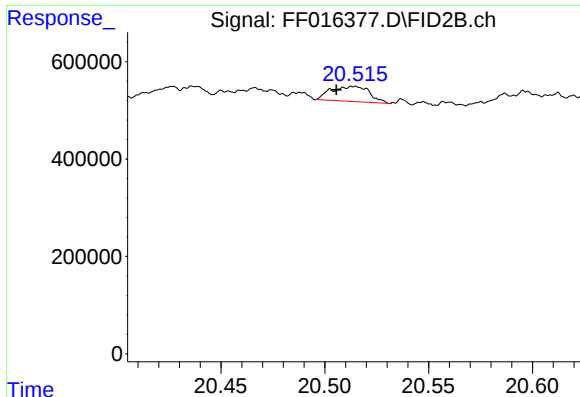
#14 N-DOTRIACONTANE

R.T.: 18.991 min
Delta R.T.: 0.012 min
Response: 404081
Conc: 3.13 ug/ml



#15 N-TETRATRIACONTANE

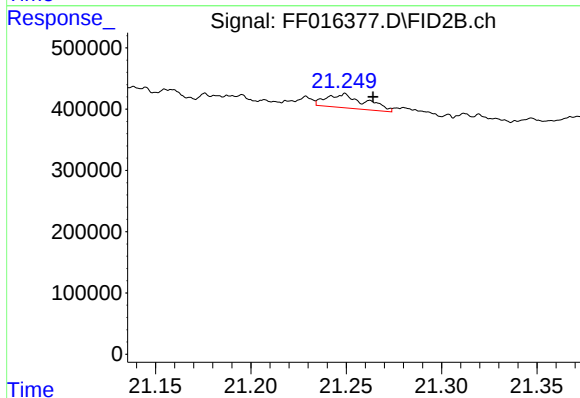
R.T.: 19.806 min
Delta R.T.: 0.042 min
Response: 2094597
Conc: 19.09 ug/ml



#16 N-HEXATRIACONTANE

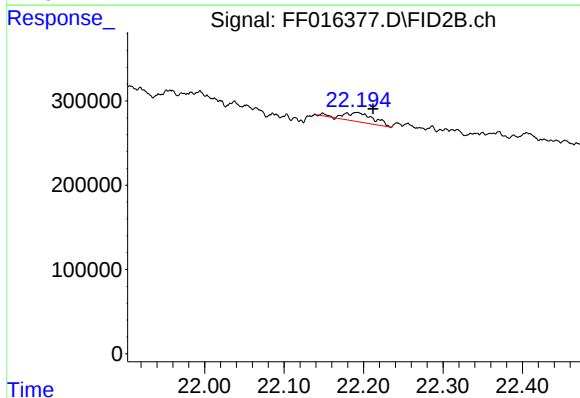
R.T.: 20.514 min
Delta R.T.: 0.009 min
Response: 394975
Conc: 4.49 ug/ml

Instrument :
FID_E
ClientSampleId :



#17 N-OCTATRIACONTANE

R.T.: 21.249 min
Delta R.T.: -0.015 min
Response: 323930
Conc: 4.36 ug/ml



#18 N-TETRACONTANE

R.T.: 22.192 min
Delta R.T.: -0.020 min
Response: 282775
Conc: 4.33 ug/ml