

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112525\
 Data File : FF016803.D
 Signal(s) : FID2B.ch
 Acq On : 25 Nov 2025 19:39
 Operator : YP\AJ
 Sample : Q3530-12
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-06-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File: autoint1.e
 Quant Time: Nov 26 01:47:27 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 : Rx1-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.044	1615428	15.462 ug/ml
Target Compounds			
1) N-OCTANE	2.035	92443	0.833 ug/ml
2) N-DECANE	4.565	85395	0.772 ug/ml
3) N-DODECANE	6.744	60786	0.547 ug/ml
4) N-TETRADECANE	8.586	58302	0.522 ug/mlm
5) N-HEXADECANE	10.192	62608	0.557 ug/ml
6) N-OCTADECANE	11.633	74775	0.639 ug/ml
7) N-EICOSANE	12.943	88401	0.724 ug/ml
8) N-DOCOSANE	14.142	93597	0.785 ug/ml
10) N-TETRACOSANE	15.248	102752	0.867 ug/ml
11) N-HEXACOSANE	16.277	91587	0.797 ug/ml
12) N-OCTACOSANE	17.229	94124	0.826 ug/ml
13) N-TRIACONTANE	18.119	112442	1.001 ug/ml
14) N-DOTRIACONTANE	18.954	138957	1.296 ug/ml
15) N-TETRATRIACONTANE	19.743	130314	1.326 ug/ml
16) N-HEXATRIACONTANE	20.485	117462	1.374 ug/ml
17) N-OCTATRIACONTANE	21.241	96200	1.253 ug/ml
18) N-TETRACONTANE	22.186	86755	1.271 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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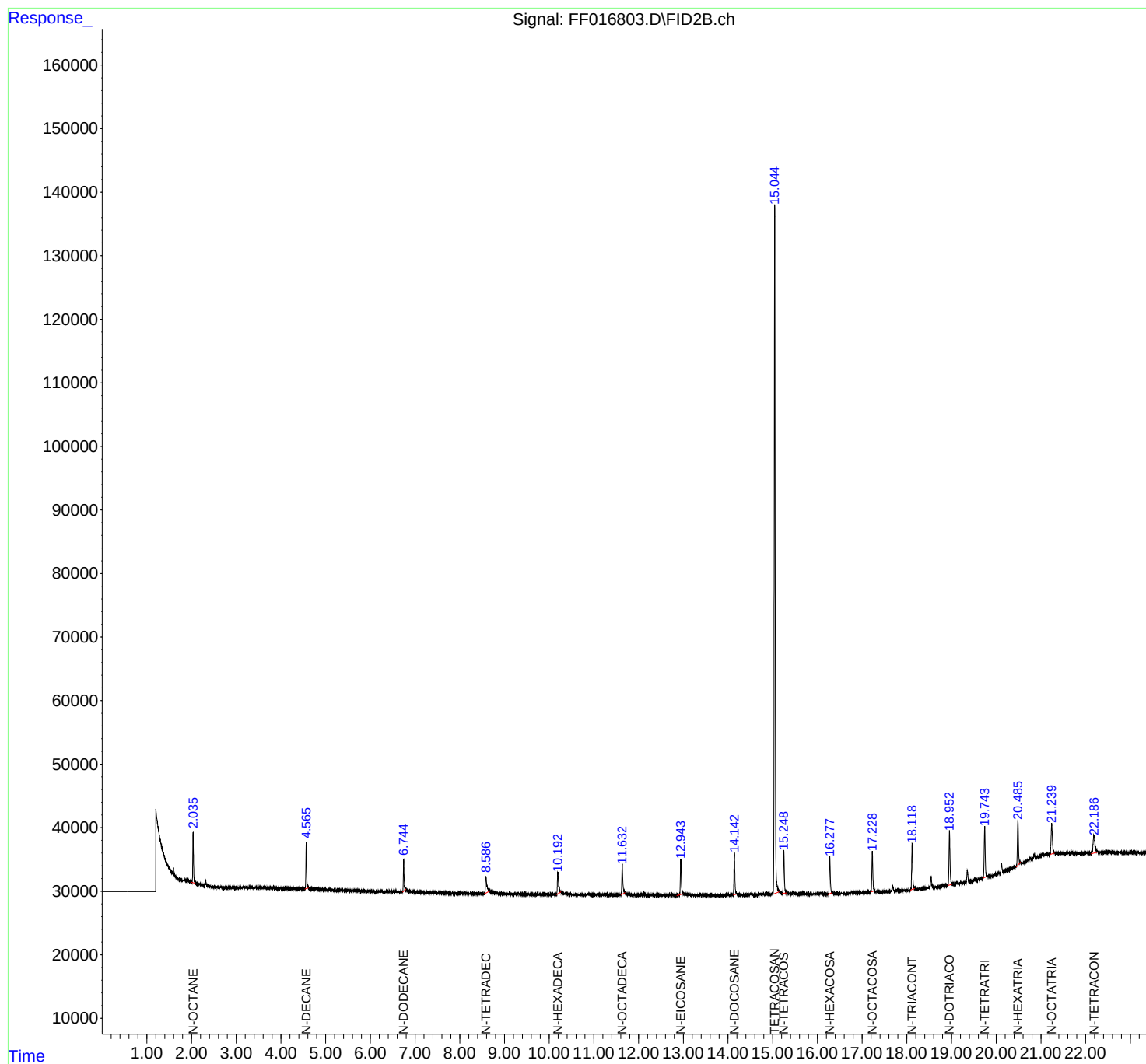
Instrument :
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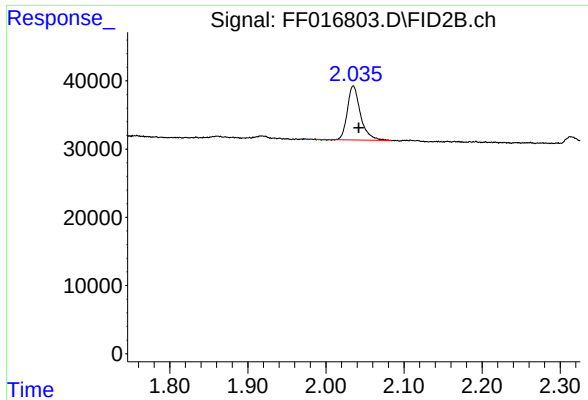
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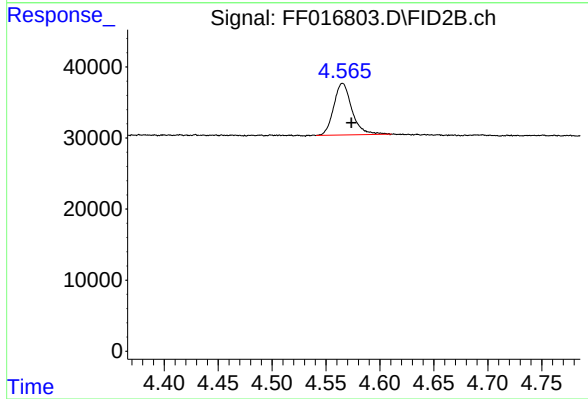
#1 N-OCTANE

R.T.: 2.035 min
Delta R.T.: -0.007 min
Response: 92443
Conc: 0.83 ug/ml

Instrument :
FID_F
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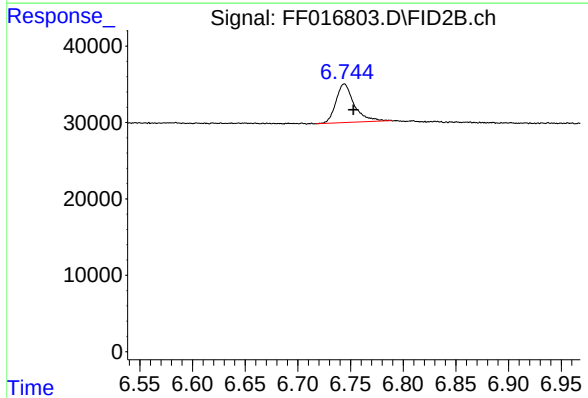
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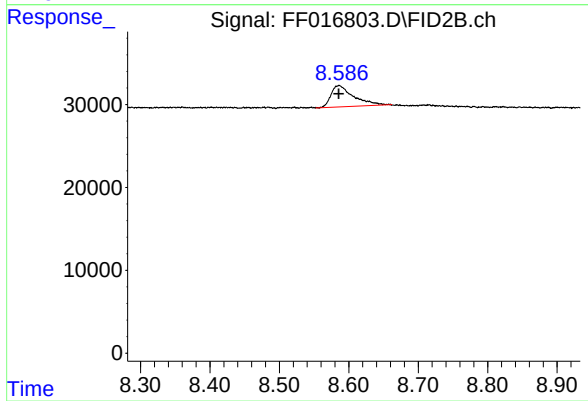
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: -0.008 min
Response: 85395
Conc: 0.77 ug/ml



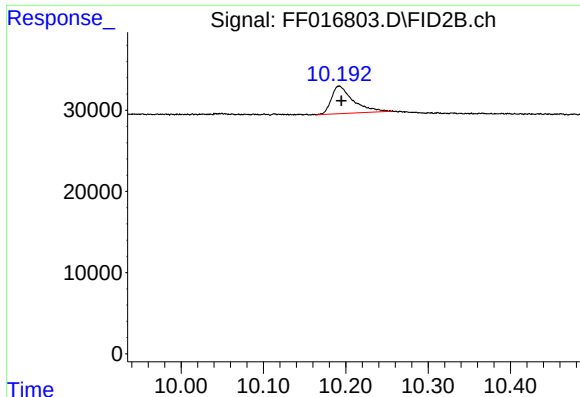
#3 N-DODECANE

R.T.: 6.744 min
Delta R.T.: -0.008 min
Response: 60786
Conc: 0.55 ug/ml



#4 N-TETRADECANE

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 58302
Conc: 0.52 ug/ml m



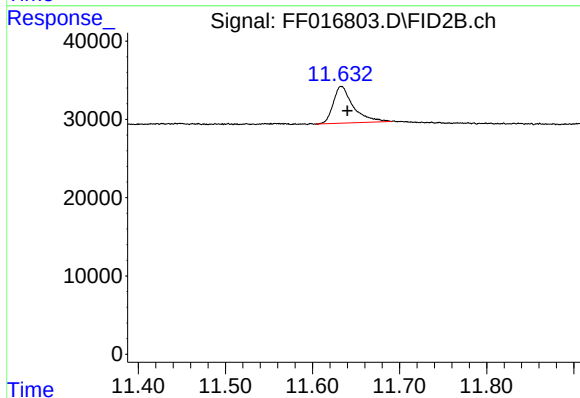
#5 N-HEXADECANE

R.T.: 10.192 min
Delta R.T.: -0.003 min
Response: 62608
Conc: 0.56 ug/ml

Instrument :
FID_F
ClientSampleId :
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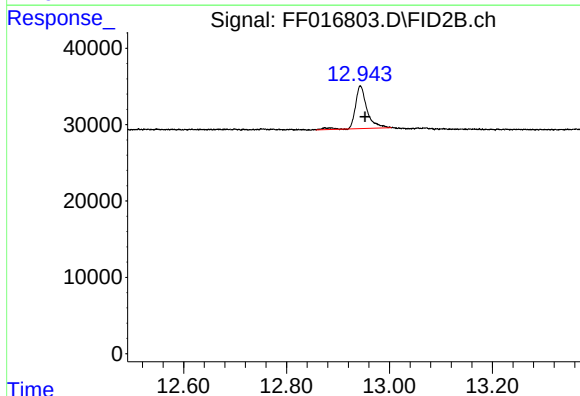
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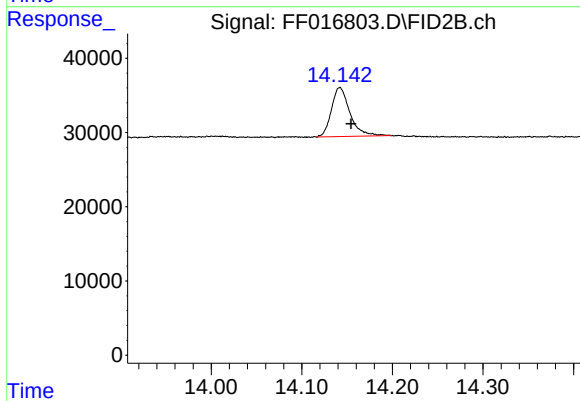
#6 N-OCTADECANE

R.T.: 11.633 min
Delta R.T.: -0.007 min
Response: 74775
Conc: 0.64 ug/ml



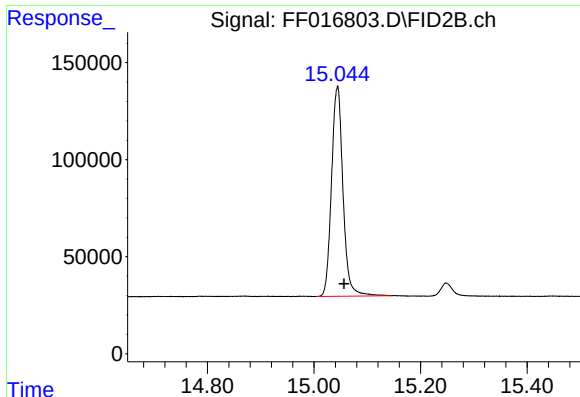
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.009 min
Response: 88401
Conc: 0.72 ug/ml



#8 N-DOCOSANE

R.T.: 14.142 min
Delta R.T.: -0.012 min
Response: 93597
Conc: 0.79 ug/ml



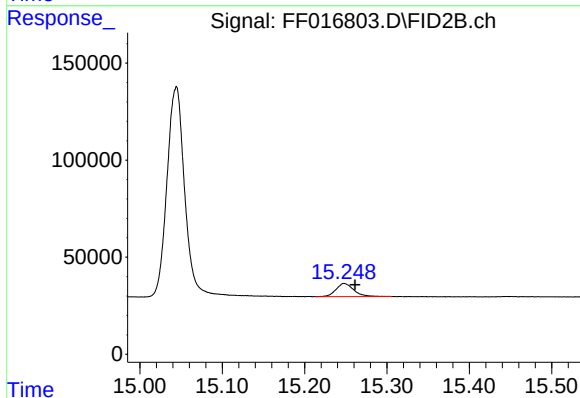
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.044 min
Delta R.T.: -0.012 min
Response: 1615428
Conc: 15.46 ug/ml

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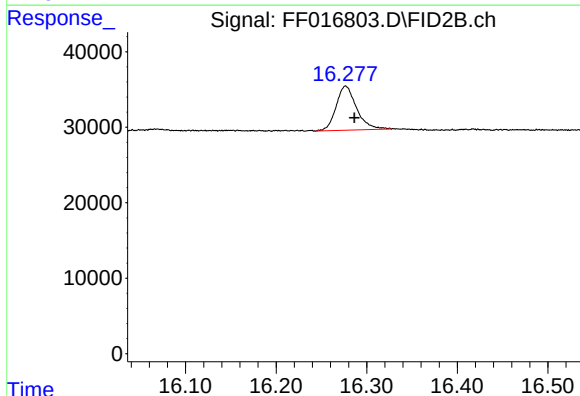
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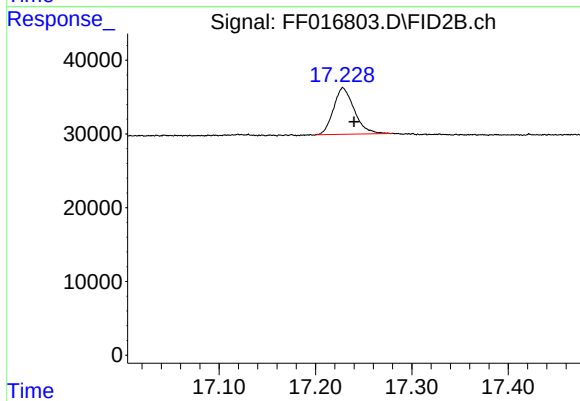
#10 N-TETRACOSANE

R.T.: 15.248 min
Delta R.T.: -0.013 min
Response: 102752
Conc: 0.87 ug/ml



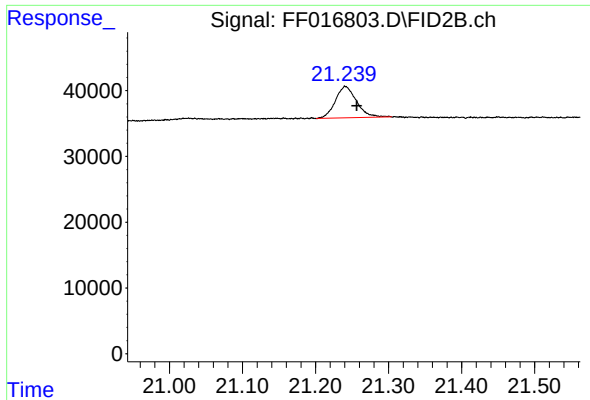
#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: -0.010 min
Response: 91587
Conc: 0.80 ug/ml



#12 N-OCTACOSANE

R.T.: 17.229 min
Delta R.T.: -0.012 min
Response: 94124
Conc: 0.83 ug/ml



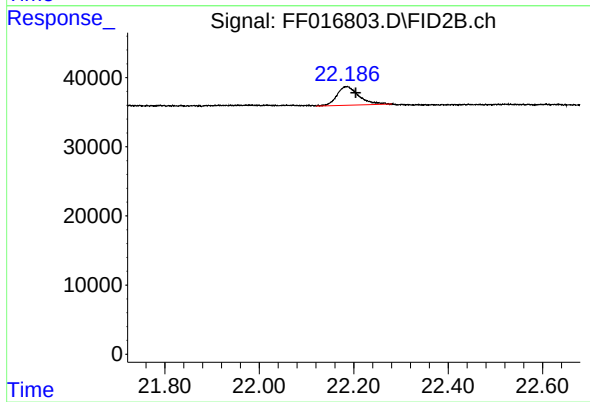
#17 N-OCTATRIACONTANE

R.T.: 21.241 min
Delta R.T.: -0.015 min
Response: 96200
Conc: 1.25 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.186 min
Delta R.T.: -0.018 min
Response: 86755
Conc: 1.27 ug/ml m