

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121322\
 Data File : FF011795.D
 Signal(s) : FID2B.ch
 Acq On : 13 Dec 2022 11:44
 Operator : YP\AJ
 Sample : N4955-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2022
 Supervised By :Ankita Jodhani 12/14/2022

Integration File: autoint1.e
 Quant Time: Dec 14 03:03:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120522.M
 Quant Title :
 QLast Update : Tue Dec 06 04:24:35 2022
 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...	15.052	1878601	16.452 ug/ml
Target Compounds			
1) N-OCTANE	2.091	119753	0.894 ug/ml
2) N-DECANE	4.611	131481	0.954 ug/ml
3) N-DODECANE	6.772	130317	0.944 ug/ml
4) N-TETRADECANE	8.598	118948	0.865 ug/ml
5) N-HEXADECANE	10.204	134647	0.971 ug/ml
6) N-OCTADECANE	11.645	134739	0.968 ug/ml
7) N-EICOSANE	12.954	133543	0.986 ug/ml
8) N-DOCOSANE	14.152	126303	0.953 ug/ml
10) N-TETRACOSANE	15.254	145972	1.110 ug/ml
11) N-HEXACOSANE	16.275	127045	1.002 ug/ml
12) N-OCTACOSANE	17.225	135561	1.100 ug/ml
13) N-TRIACONTANE	18.112	161686	1.335 ug/ml
14) N-DOTRIACONTANE	18.944	174940	1.454 ug/ml
15) N-TETRATRIACONTANE	19.729	149113	1.258 ug/ml
16) N-HEXATRIACONTANE	20.468	114784	0.987 ug/ml
17) N-OCTATRIACONTANE	21.208	119033	0.985 ug/ml
18) N-TETRACONTANE	22.130	82271	0.631 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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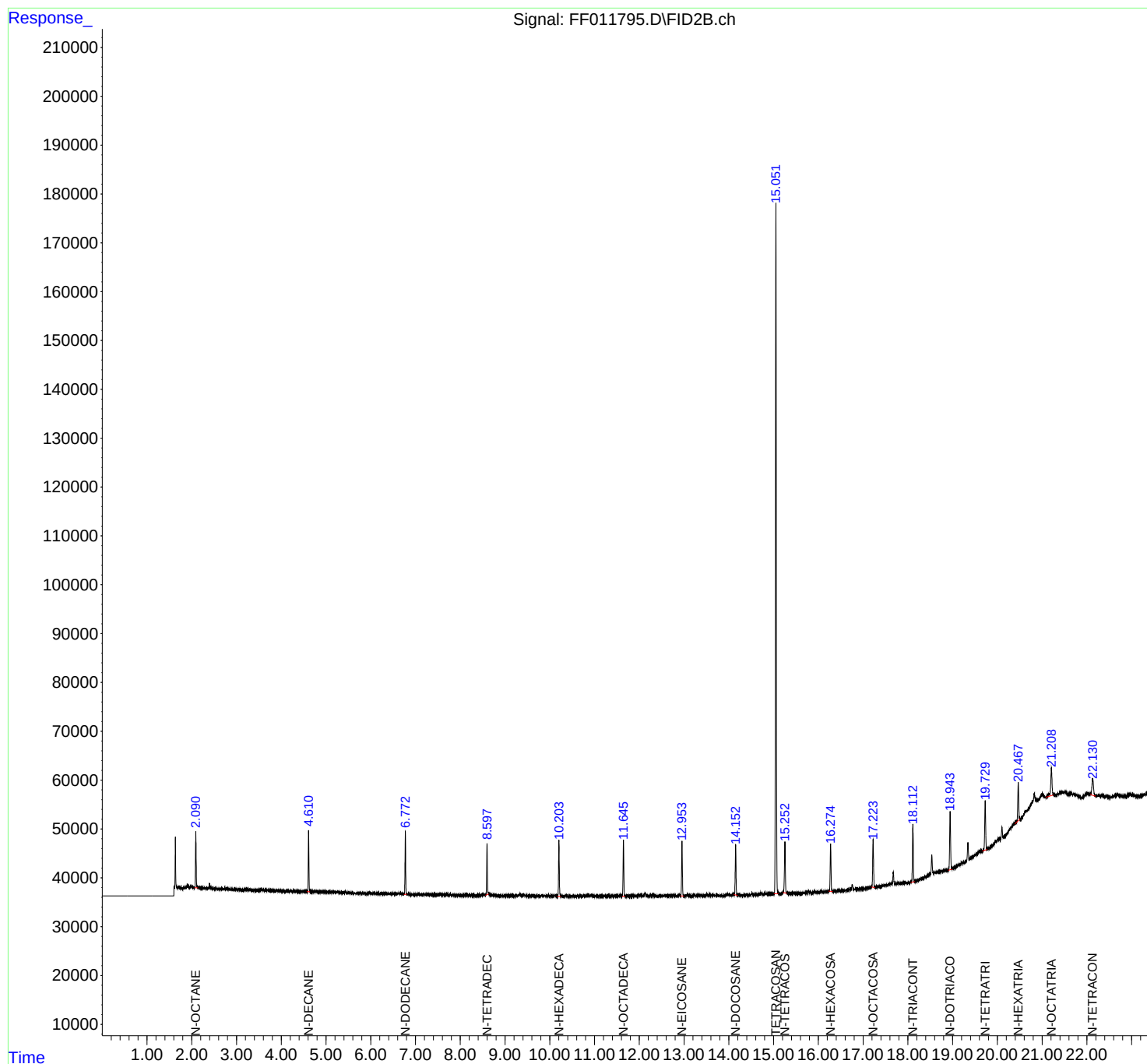
Instrument :
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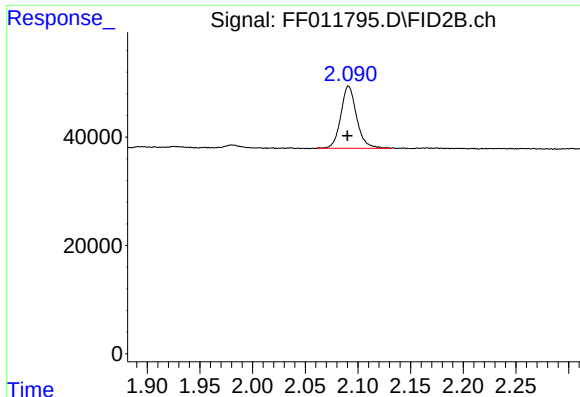
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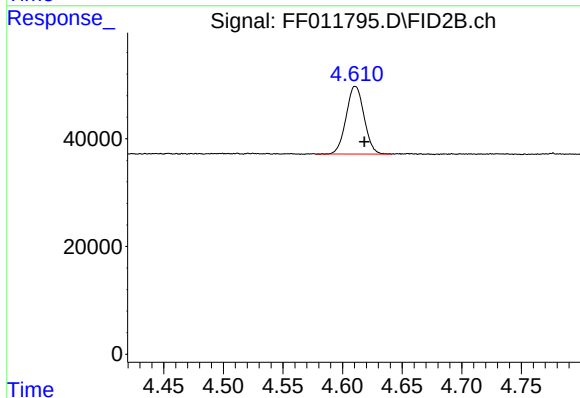
#1 N-OCTANE

R.T.: 2.091 min
Delta R.T.: 0.001 min
Response: 119753
Conc: 0.89 ug/ml

Instrument : FID_F
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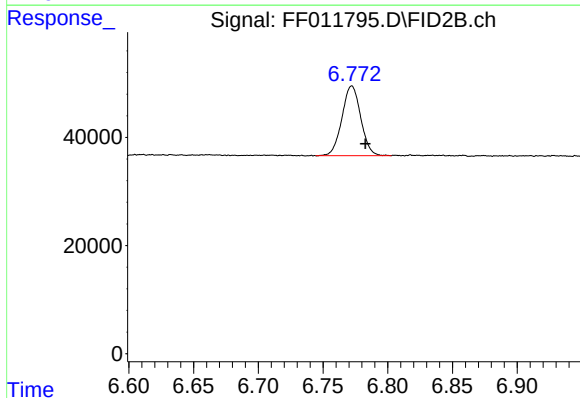
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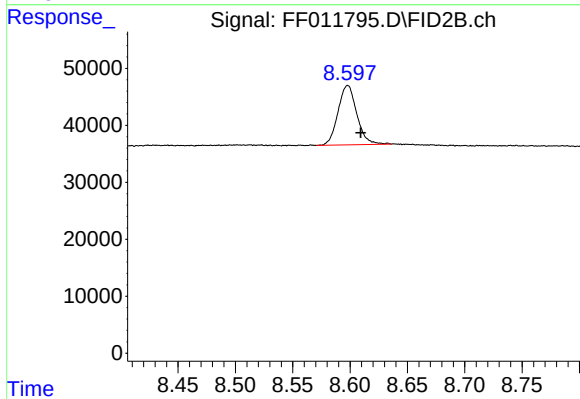
#2 N-DECANE

R.T.: 4.611 min
Delta R.T.: -0.008 min
Response: 131481
Conc: 0.95 ug/ml



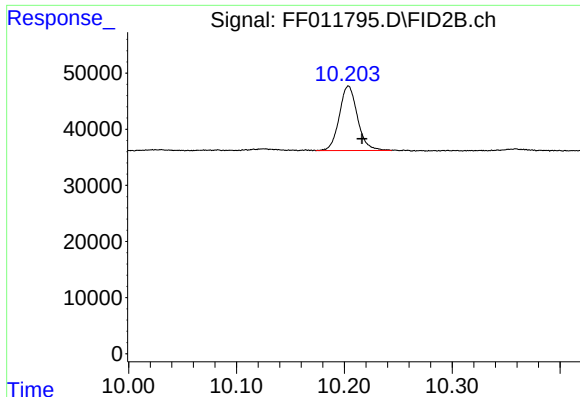
#3 N-DODECANE

R.T.: 6.772 min
Delta R.T.: -0.011 min
Response: 130317
Conc: 0.94 ug/ml



#4 N-TETRADECANE

R.T.: 8.598 min
Delta R.T.: -0.011 min
Response: 118948
Conc: 0.86 ug/ml



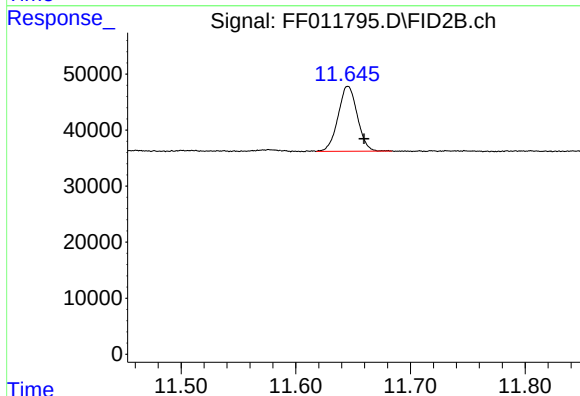
#5 N-HEXADECANE

R.T.: 10.204 min
Delta R.T.: -0.013 min
Response: 134647
Conc: 0.97 ug/ml

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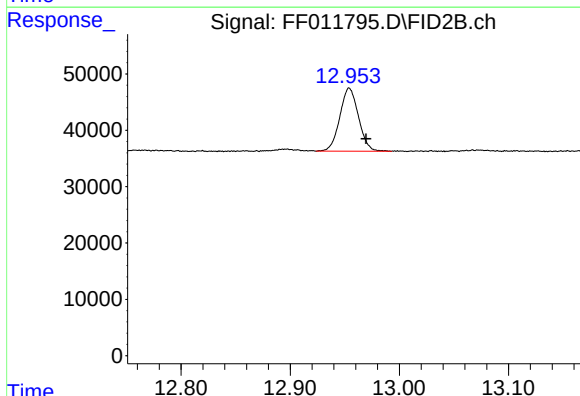
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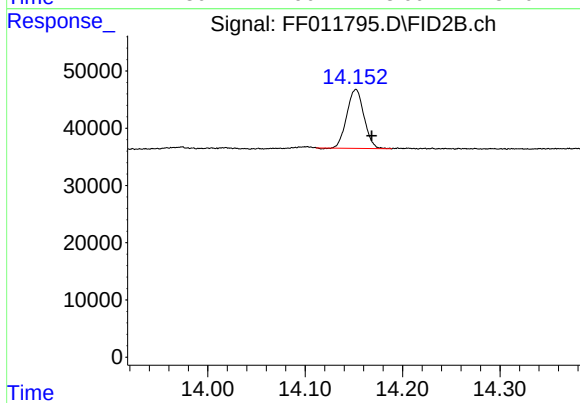
#6 N-OCTADECANE

R.T.: 11.645 min
Delta R.T.: -0.014 min
Response: 134739
Conc: 0.97 ug/ml



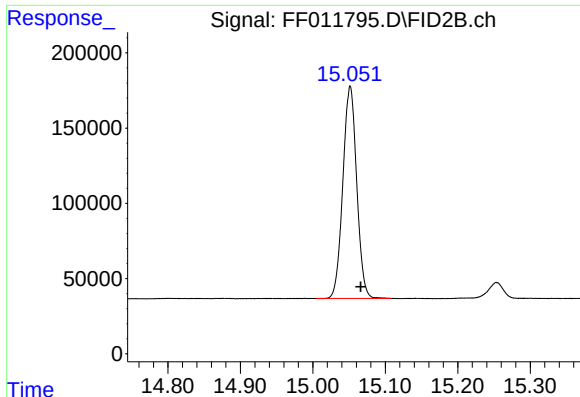
#7 N-EICOSANE

R.T.: 12.954 min
Delta R.T.: -0.015 min
Response: 133543
Conc: 0.99 ug/ml



#8 N-DOCOSANE

R.T.: 14.152 min
Delta R.T.: -0.016 min
Response: 126303
Conc: 0.95 ug/ml



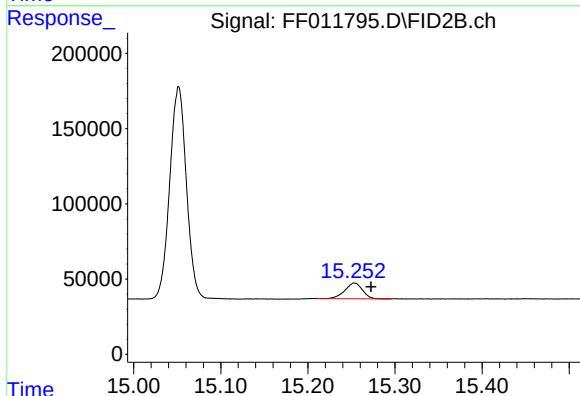
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.052 min
Delta R.T.: -0.014 min
Response: 1878601
Conc: 16.45 ug/ml

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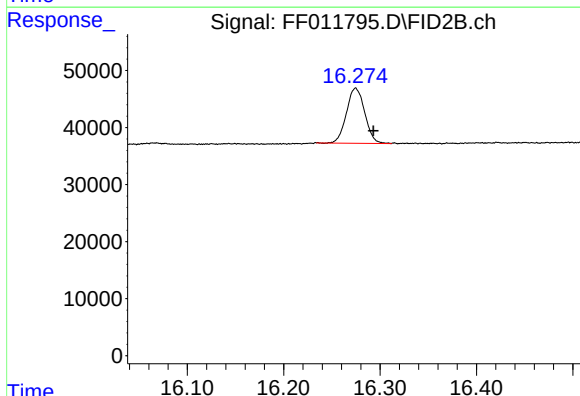
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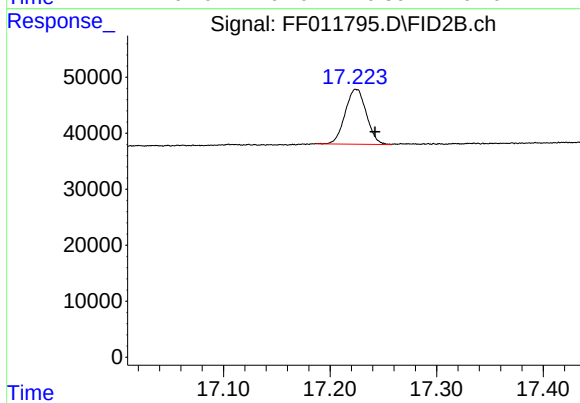
#10 N-TETRACOSANE

R.T.: 15.254 min
Delta R.T.: -0.019 min
Response: 145972
Conc: 1.11 ug/ml



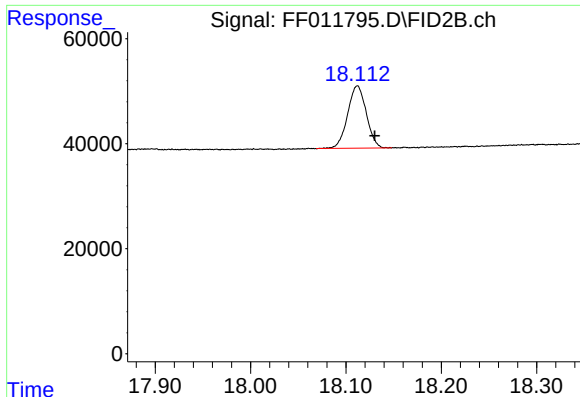
#11 N-HEXACOSANE

R.T.: 16.275 min
Delta R.T.: -0.019 min
Response: 127045
Conc: 1.00 ug/ml



#12 N-OCTACOSANE

R.T.: 17.225 min
Delta R.T.: -0.018 min
Response: 135561
Conc: 1.10 ug/ml



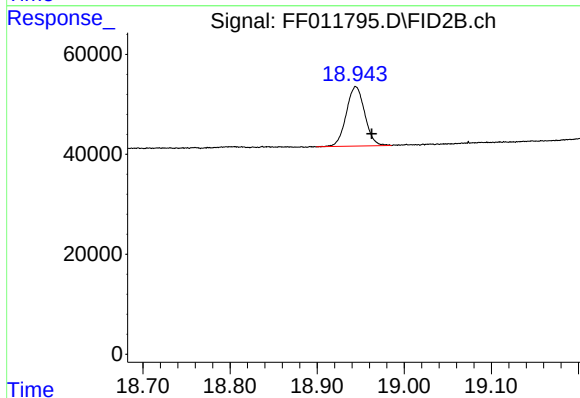
#13 N-TRIACONTANE

R.T.: 18.112 min
Delta R.T.: -0.018 min
Response: 161686
Conc: 1.33 ug/ml

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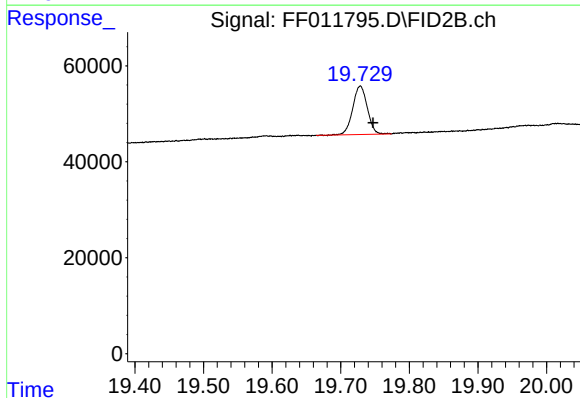
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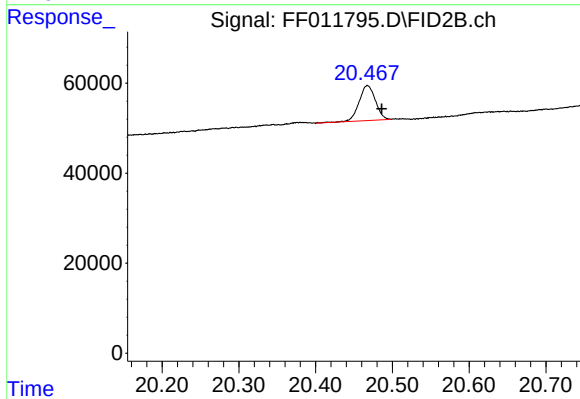
#14 N-DOTRIACONTANE

R.T.: 18.944 min
Delta R.T.: -0.018 min
Response: 174940
Conc: 1.45 ug/ml



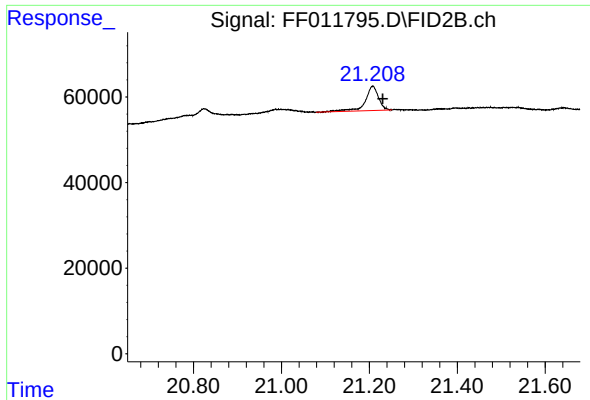
#15 N-TETRATRIACONTANE

R.T.: 19.729 min
Delta R.T.: -0.019 min
Response: 149113
Conc: 1.26 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.468 min
Delta R.T.: -0.019 min
Response: 114784
Conc: 0.99 ug/ml



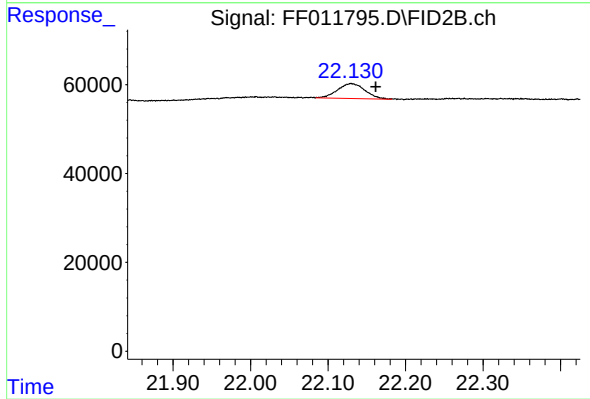
#17 N-OCTATRIACONTANE

R.T.: 21.208 min
Delta R.T.: -0.022 min
Response: 119033
Conc: 0.99 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.130 min
Delta R.T.: -0.032 min
Response: 82271
Conc: 0.63 ug/ml m