

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050725\
 Data File : FF015799.D
 Signal(s) : FID2B.ch
 Acq On : 07 May 2025 14:14
 Operator : YP\AJ
 Sample : Q1936-01MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SMALL-PILE-AMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/09/2025

Integration File: autoint1.e
 Quant Time: May 08 05:37:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042225.M
 Quant Title :
 QLast Update : Tue Apr 22 11:27:50 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...	15.018	897685	7.955 ug/ml
Target Compounds			
1) N-OCTANE	2.028	1475763	13.018 ug/ml
2) N-DECANE	4.565	1596942	15.649 ug/ml
3) N-DODECANE	6.732	1710321	15.620 ug/ml
4) N-TETRADECANE	8.558	1689403	14.637 ug/ml
5) N-HEXADECANE	10.165	1813192	15.364 ug/ml
6) N-OCTADECANE	11.609	1845067	14.667 ug/ml
7) N-EICOSANE	12.919	1853836	14.210 ug/ml
8) N-DOCOSANE	14.118	1868903	14.672 ug/ml
10) N-TETRACOSANE	15.221	1867834	14.849 ug/ml
11) N-HEXACOSANE	16.244	1847308	15.155 ug/ml
12) N-OCTACOSANE	17.194	1792889	15.152 ug/ml
13) N-TRIACONTANE	18.083	1765479	14.980 ug/ml
14) N-DOTRIACONTANE	18.915	1480375	12.994 ug/ml
15) N-TETRATRIACONTANE	19.699	883174	8.852 ug/ml
16) N-HEXATRIACONTANE	20.440	565995	7.094 ug/ml
17) N-OCTATRIACONTANE	21.174	441781	7.780 ug/mlm
18) N-TETRACONTANE	22.085	422995	10.402 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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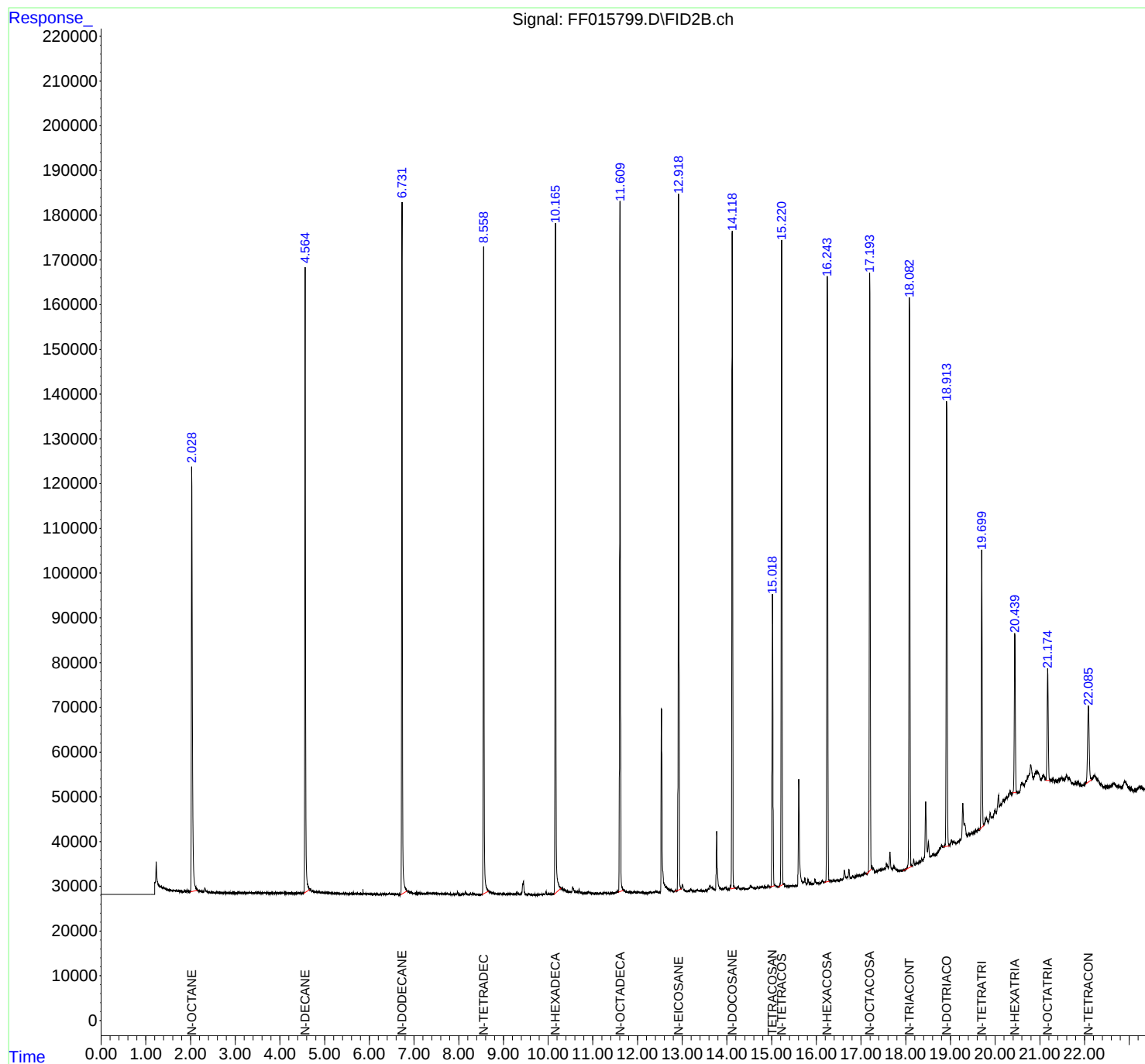
Instrument :
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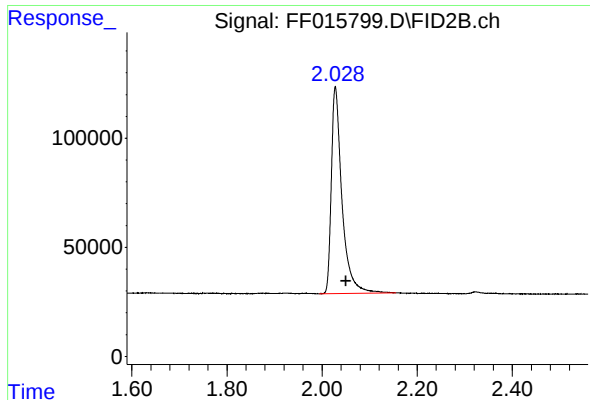
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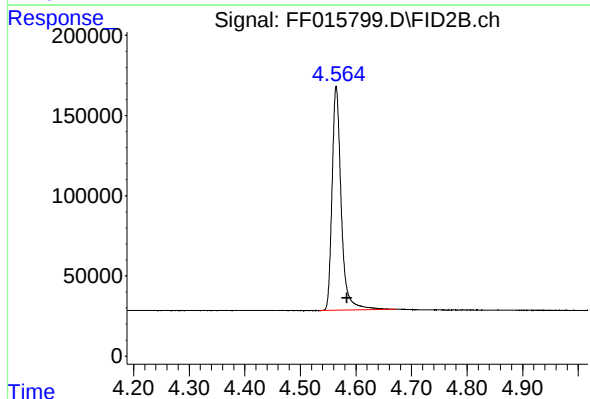
#1 N-OCTANE

R.T.: 2.028 min
Delta R.T.: -0.022 min
Response: 1475763
Conc: 13.02 ug/ml

Instrument :
FID_F
ClientSampleId :
SMALL-PILE-AMS

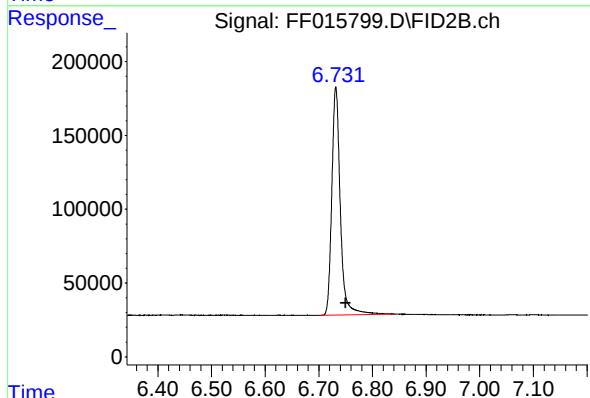
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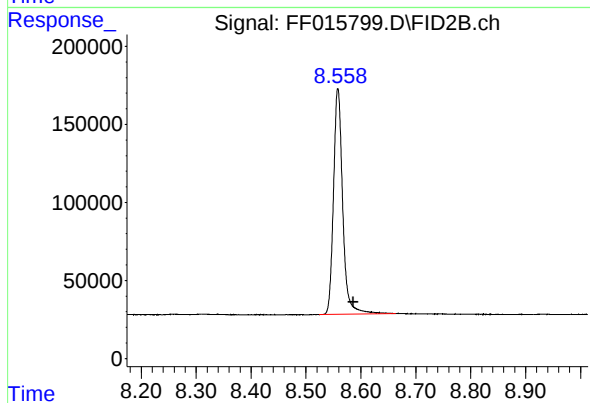
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: -0.019 min
Response: 1596942
Conc: 15.65 ug/ml



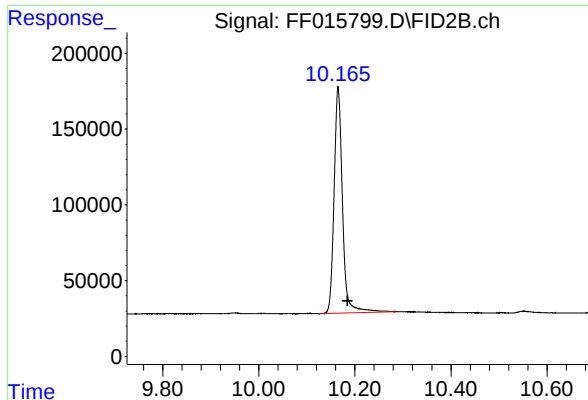
#3 N-DODECANE

R.T.: 6.732 min
Delta R.T.: -0.018 min
Response: 1710321
Conc: 15.62 ug/ml



#4 N-TETRADECANE

R.T.: 8.558 min
Delta R.T.: -0.028 min
Response: 1689403
Conc: 14.64 ug/ml



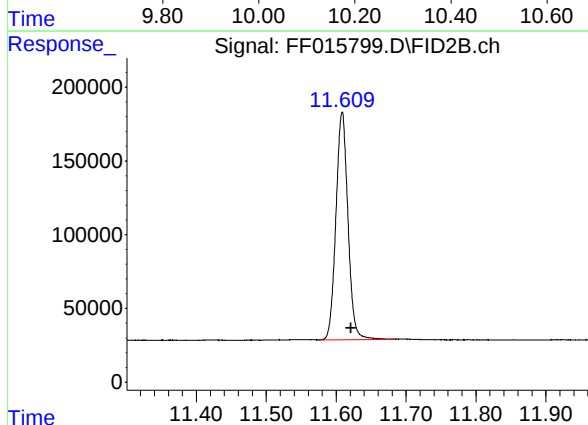
#5 N-HEXADECANE

R.T.: 10.165 min
Delta R.T.: -0.019 min
Response: 1813192
Conc: 15.36 ug/ml

Instrument :
FID_F
ClientSampleId :
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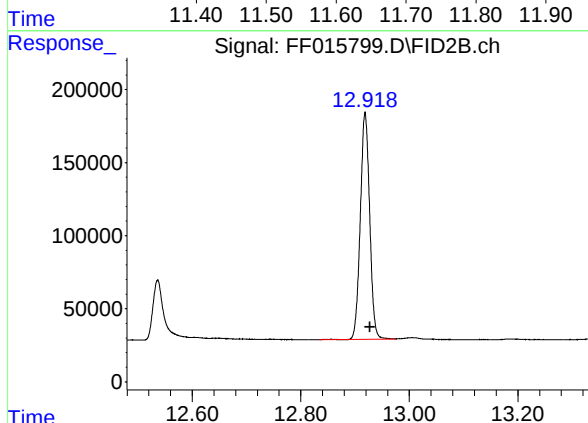
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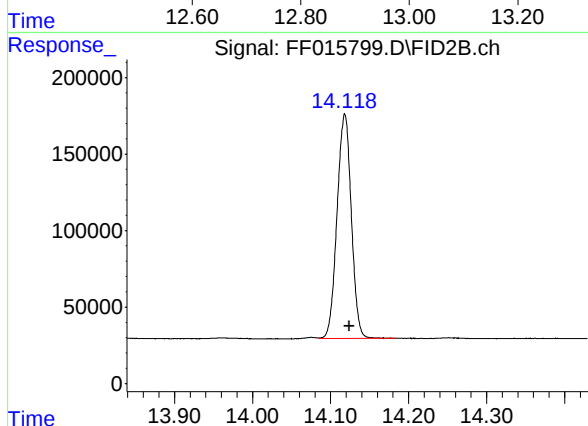
#6 N-OCTADECANE

R.T.: 11.609 min
Delta R.T.: -0.013 min
Response: 1845067
Conc: 14.67 ug/ml



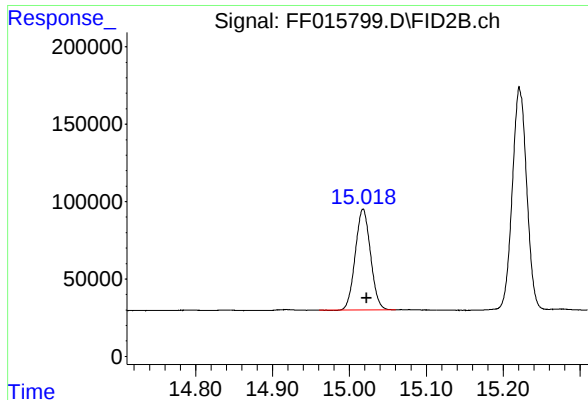
#7 N-EICOSANE

R.T.: 12.919 min
Delta R.T.: -0.009 min
Response: 1853836
Conc: 14.21 ug/ml



#8 N-DOCOSANE

R.T.: 14.118 min
Delta R.T.: -0.005 min
Response: 1868903
Conc: 14.67 ug/ml



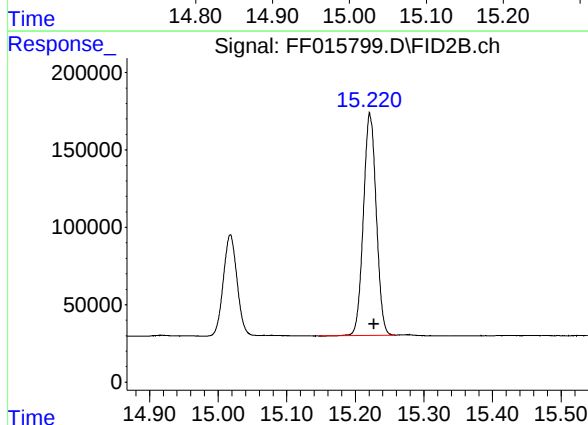
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.018 min
Delta R.T.: -0.005 min
Response: 897685
Conc: 7.95 ug/ml

Instrument :
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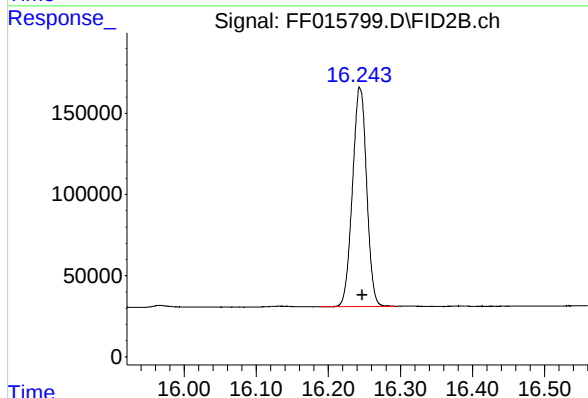
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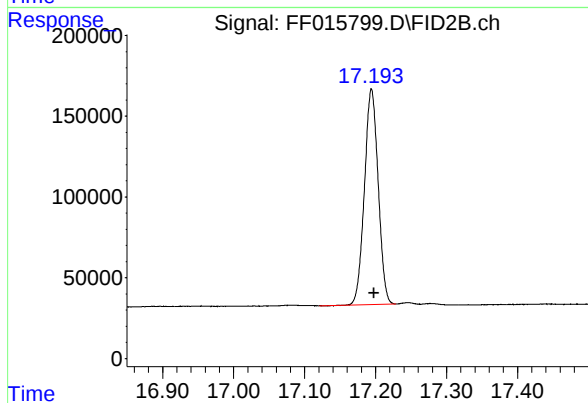
#10 N-TETRACOSANE

R.T.: 15.221 min
Delta R.T.: -0.006 min
Response: 1867834
Conc: 14.85 ug/ml



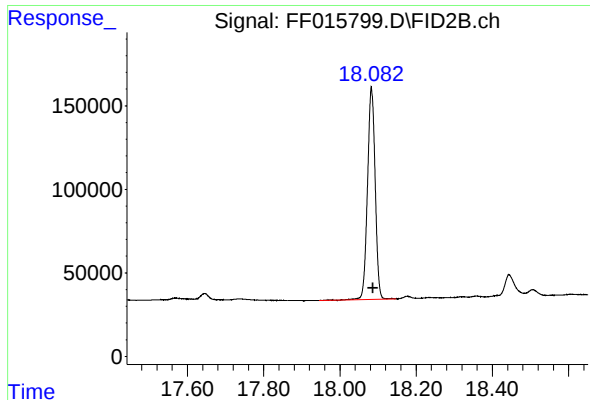
#11 N-HEXACOSANE

R.T.: 16.244 min
Delta R.T.: -0.003 min
Response: 1847308
Conc: 15.15 ug/ml



#12 N-OCTACOSANE

R.T.: 17.194 min
Delta R.T.: -0.004 min
Response: 1792889
Conc: 15.15 ug/ml



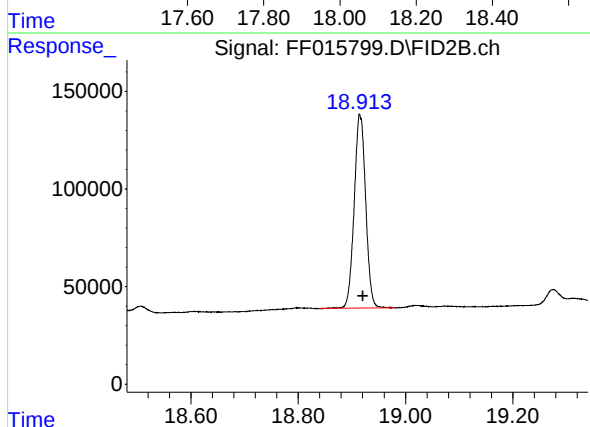
#13 N-TRIACONTANE

R.T.: 18.083 min
Delta R.T.: -0.004 min
Response: 1765479
Conc: 14.98 ug/ml

Instrument :
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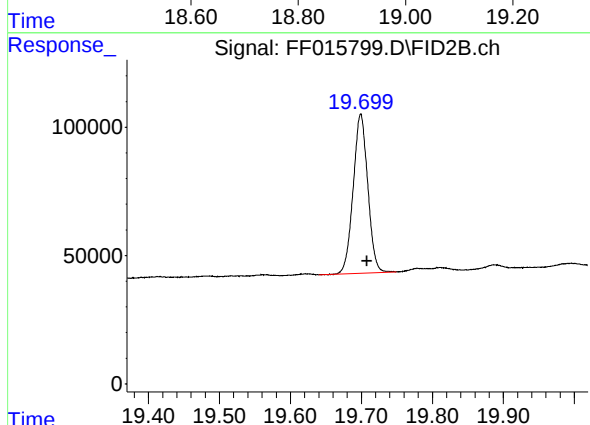
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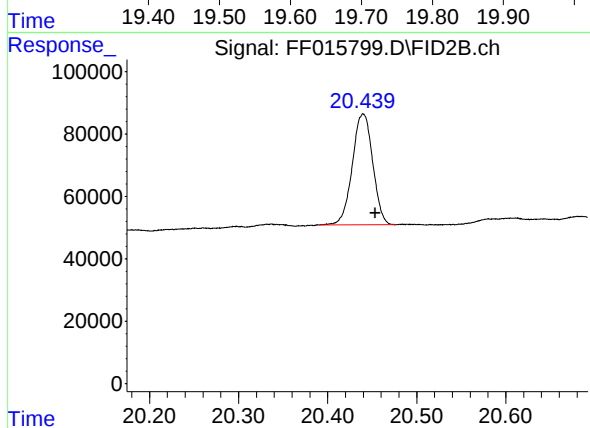
#14 N-DOTRIACONTANE

R.T.: 18.915 min
Delta R.T.: -0.006 min
Response: 1480375
Conc: 12.99 ug/ml



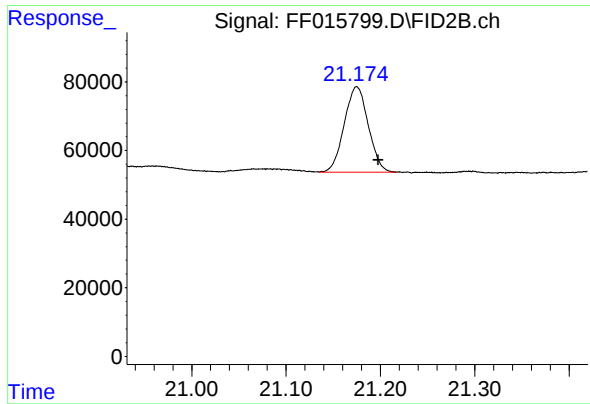
#15 N-TETRATRIACONTANE

R.T.: 19.699 min
Delta R.T.: -0.009 min
Response: 883174
Conc: 8.85 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.440 min
Delta R.T.: -0.014 min
Response: 565995
Conc: 7.09 ug/ml



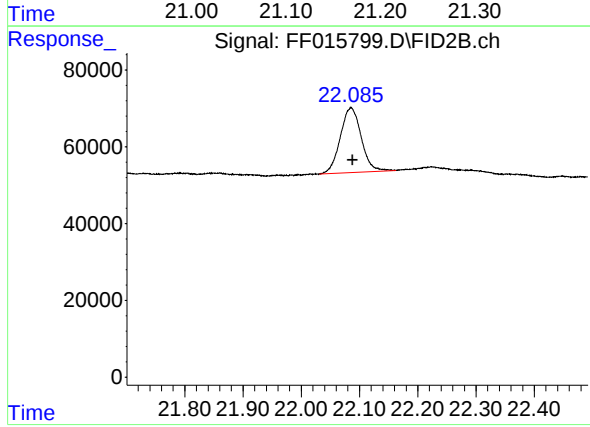
#17 N-OCTATRIACONTANE

R.T.: 21.174 min
Delta R.T.: -0.023 min
Response: 441781
Conc: 7.78 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.085 min
Delta R.T.: -0.003 min
Response: 422995
Conc: 10.40 ug/ml m