

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050725\
 Data File : FF015794.D
 Signal(s) : FID2B.ch
 Acq On : 07 May 2025 11:48
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

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 03:10:46 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...	15.021	5172553	45.837 ug/ml
Target Compounds			
1) N-OCTANE	2.020	4769849	42.075 ug/ml
2) N-DECANE	4.560	5285734	51.798 ug/ml
3) N-DODECANE	6.730	5486360	50.106 ug/ml
4) N-TETRADECANE	8.558	5467806	47.373 ug/ml
5) N-HEXADECANE	10.166	5549138	47.019 ug/ml
6) N-OCTADECANE	11.610	5746666	45.682 ug/ml
7) N-EICOSANE	12.921	5779288	44.300 ug/ml
8) N-DOCOSANE	14.121	5699852	44.747 ug/ml
10) N-TETRACOSANE	15.225	5716581	45.446 ug/ml
11) N-HEXACOSANE	16.248	5621592	46.117 ug/ml
12) N-OCTACOSANE	17.199	5595943	47.291 ug/ml
13) N-TRIACONTANE	18.087	5687356	48.256 ug/ml
14) N-DOTRIACONTANE	18.920	5459819	47.924 ug/ml
15) N-TETRATRIACONTANE	19.704	4606703	46.175 ug/ml
16) N-HEXATRIACONTANE	20.442	3696512	46.331 ug/ml
17) N-OCTATRIACONTANE	21.179	3190825	56.190 ug/ml
18) N-TETRACONTANE	22.088f	2992658	73.593 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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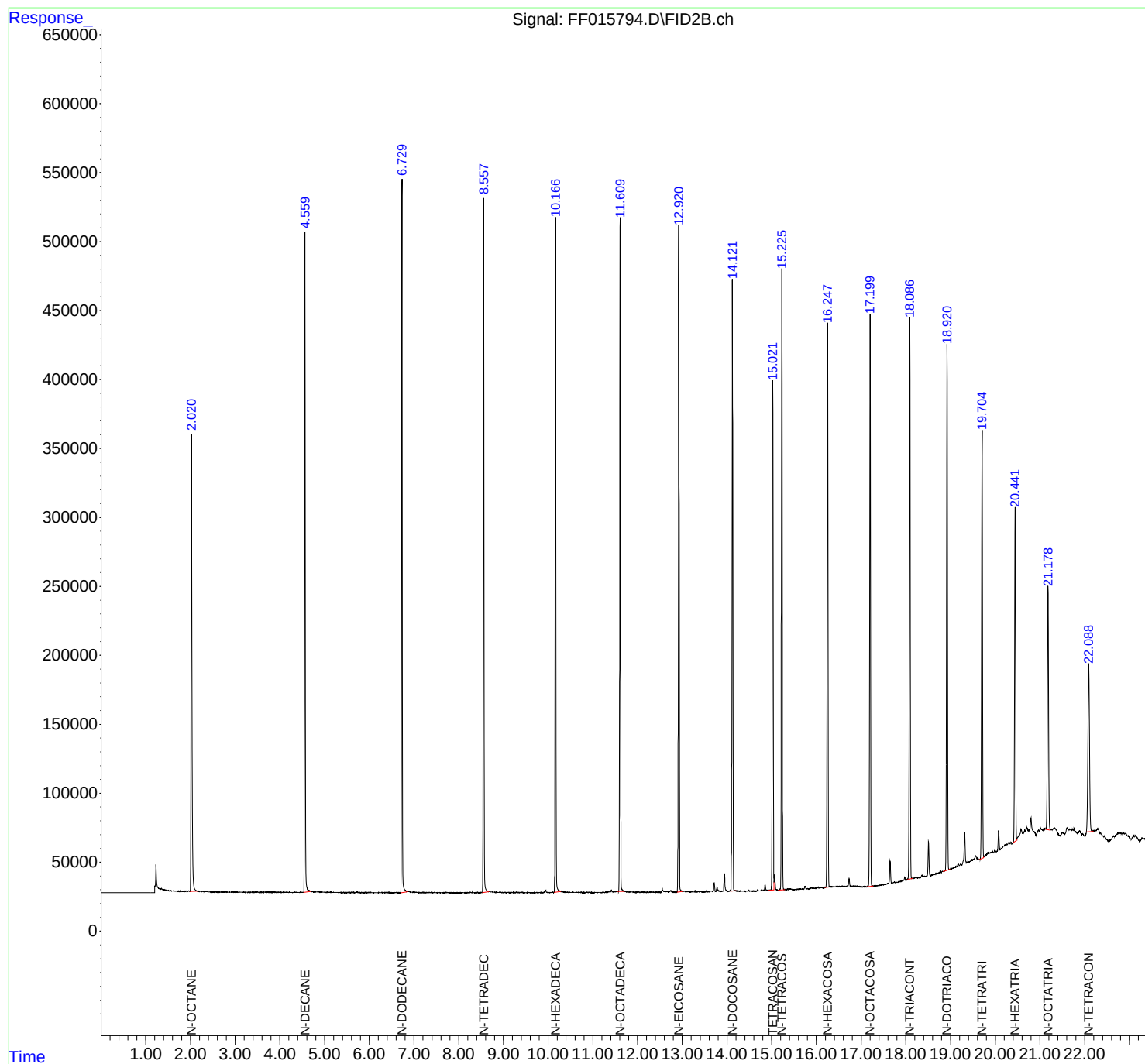
Instrument :
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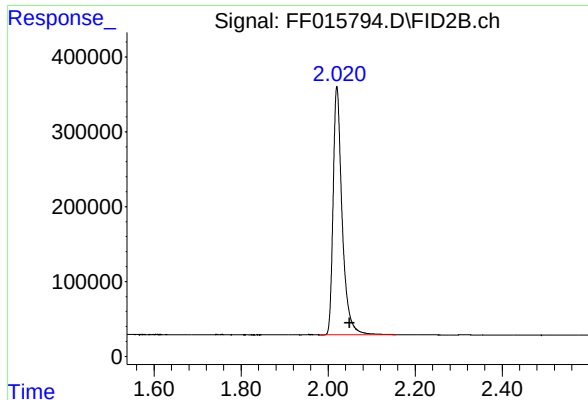
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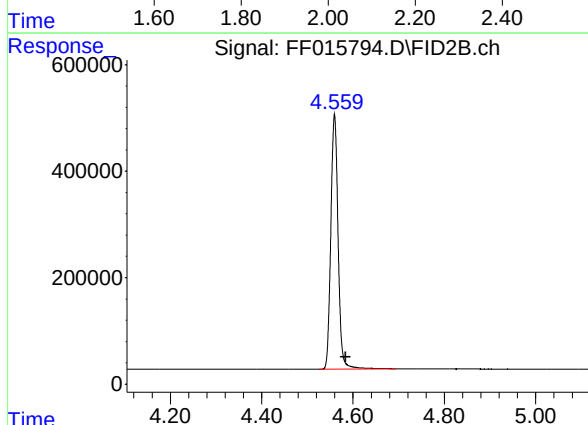
#1 N-OCTANE

R.T.: 2.020 min
Delta R.T.: -0.030 min
Response: 4769849
Conc: 42.07 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

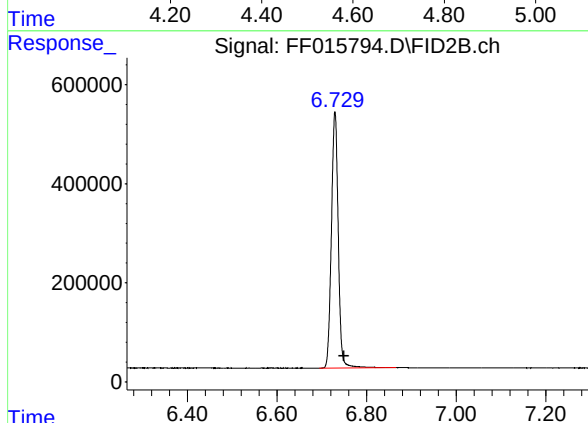
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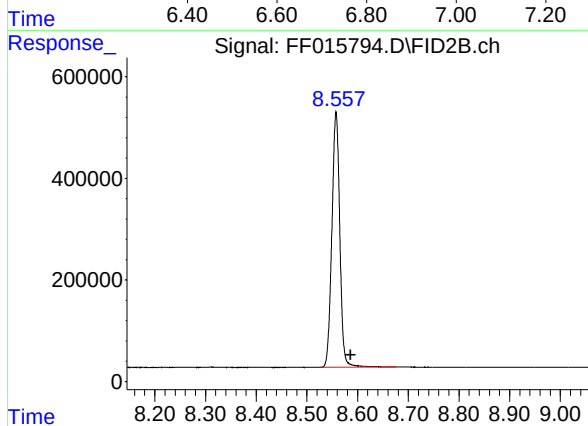
#2 N-DECANE

R.T.: 4.560 min
Delta R.T.: -0.024 min
Response: 5285734
Conc: 51.80 ug/ml



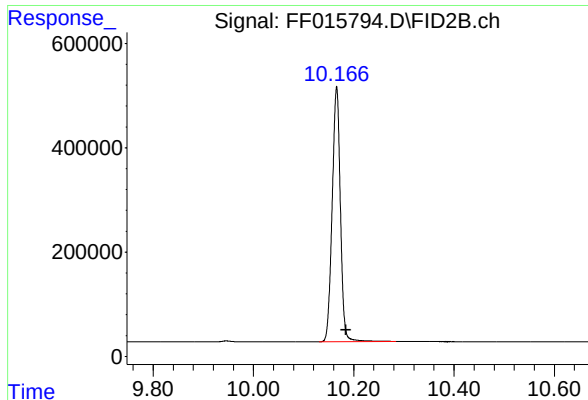
#3 N-DODECANE

R.T.: 6.730 min
Delta R.T.: -0.020 min
Response: 5486360
Conc: 50.11 ug/ml



#4 N-TETRADECANE

R.T.: 8.558 min
Delta R.T.: -0.029 min
Response: 5467806
Conc: 47.37 ug/ml



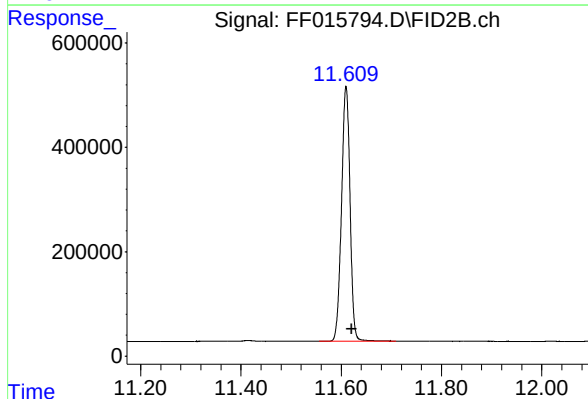
#5 N-HEXADECANE

R.T.: 10.166 min
Delta R.T.: -0.019 min
Response: 5549138
Conc: 47.02 ug/ml

Instrument :
FID_F
ClientSampleId :
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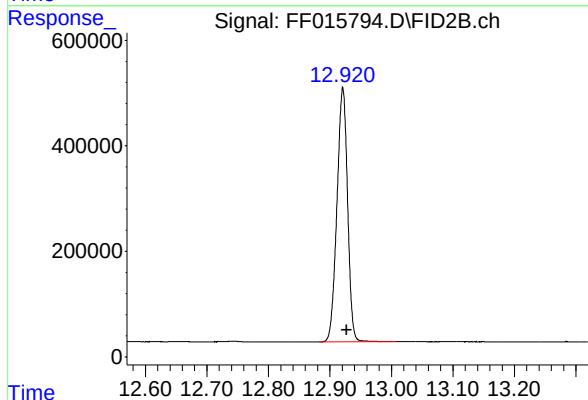
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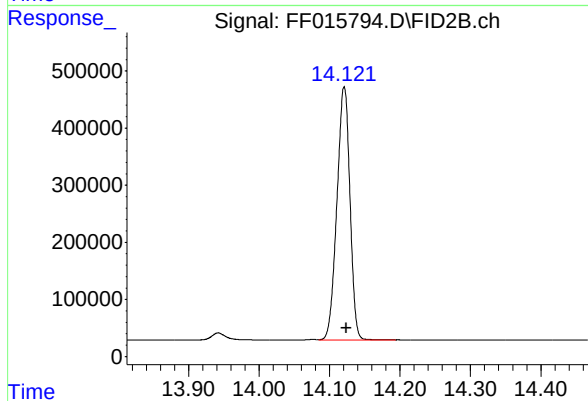
#6 N-OCTADECANE

R.T.: 11.610 min
Delta R.T.: -0.011 min
Response: 5746666
Conc: 45.68 ug/ml



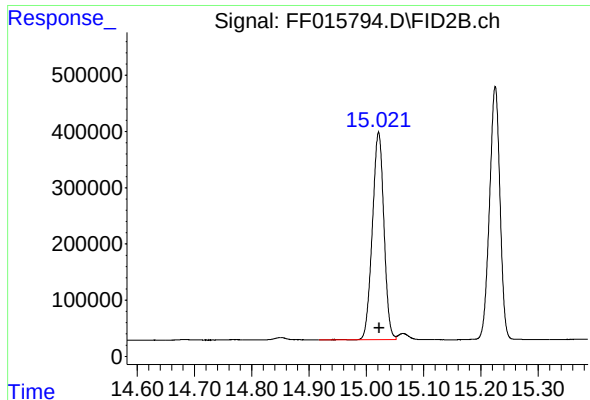
#7 N-EICOSANE

R.T.: 12.921 min
Delta R.T.: -0.006 min
Response: 5779288
Conc: 44.30 ug/ml



#8 N-DOCOSANE

R.T.: 14.121 min
Delta R.T.: -0.003 min
Response: 5699852
Conc: 44.75 ug/ml



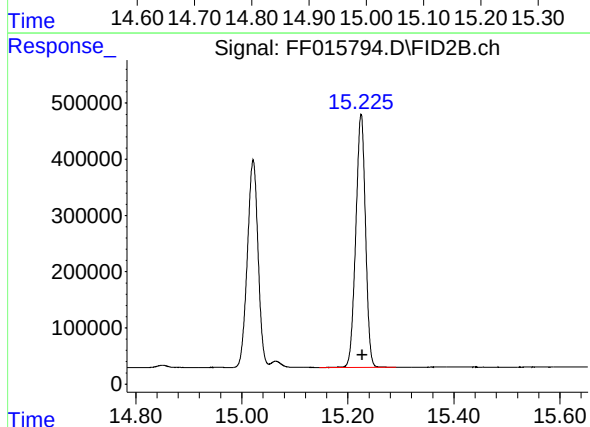
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.021 min
Delta R.T.: -0.001 min
Response: 5172553
Conc: 45.84 ug/ml

Instrument :
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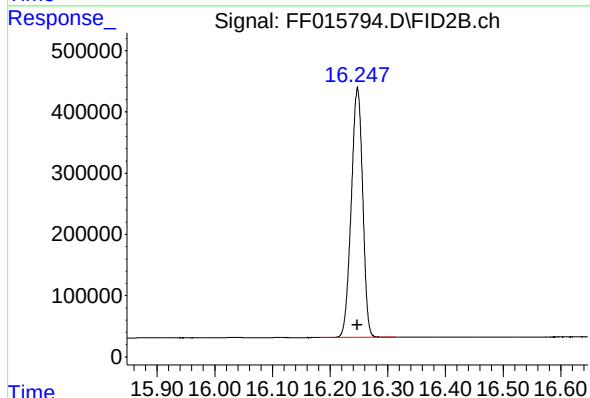
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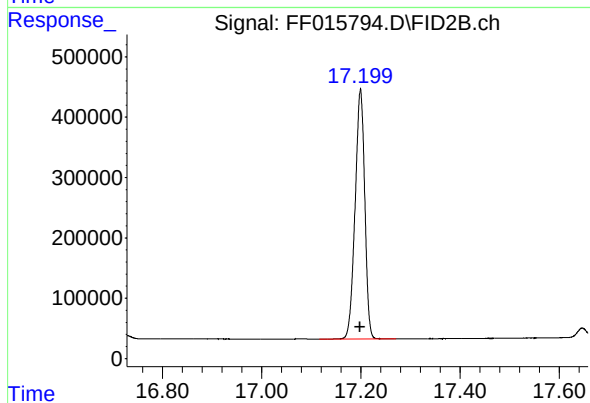
#10 N-TETRACOSANE

R.T.: 15.225 min
Delta R.T.: -0.002 min
Response: 5716581
Conc: 45.45 ug/ml



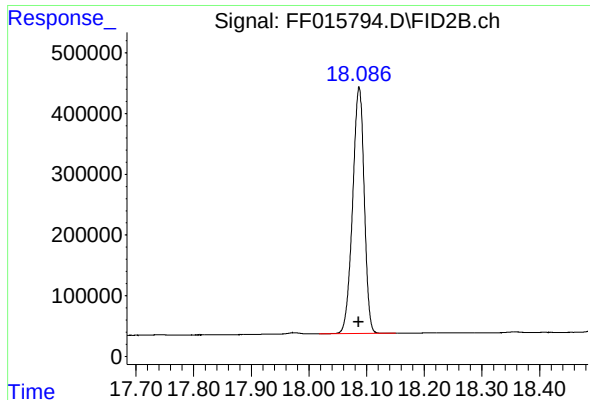
#11 N-HEXACOSANE

R.T.: 16.248 min
Delta R.T.: 0.000 min
Response: 5621592
Conc: 46.12 ug/ml



#12 N-OCTACOSANE

R.T.: 17.199 min
Delta R.T.: 0.001 min
Response: 5595943
Conc: 47.29 ug/ml



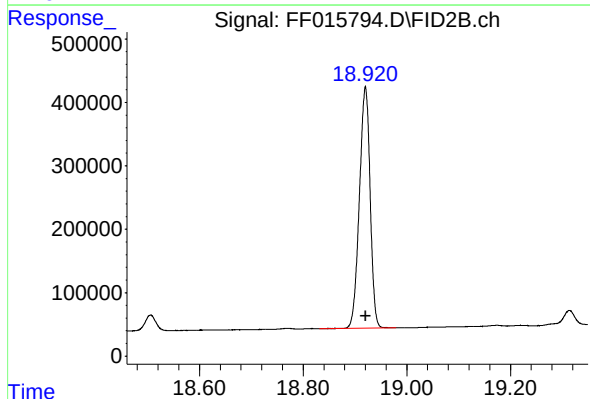
#13 N-TRIACONTANE

R.T.: 18.087 min
Delta R.T.: 0.000 min
Response: 5687356
Conc: 48.26 ug/ml

Instrument :
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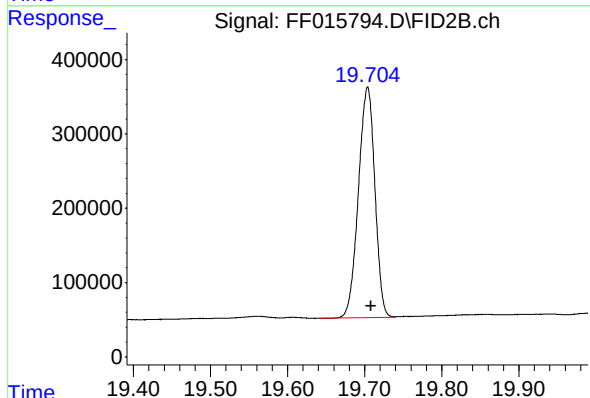
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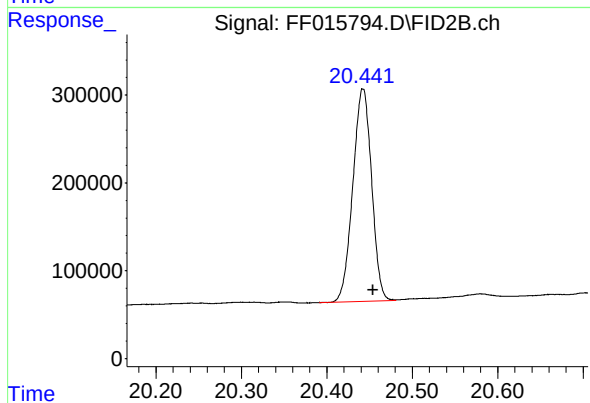
#14 N-DOTRIACONTANE

R.T.: 18.920 min
Delta R.T.: 0.000 min
Response: 5459819
Conc: 47.92 ug/ml



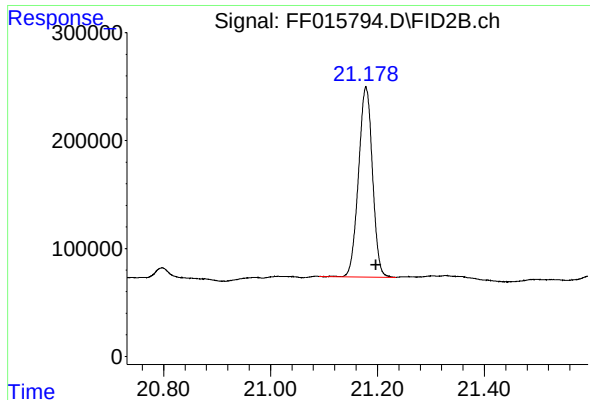
#15 N-TETRATRIACONTANE

R.T.: 19.704 min
Delta R.T.: -0.004 min
Response: 4606703
Conc: 46.18 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.442 min
Delta R.T.: -0.012 min
Response: 3696512
Conc: 46.33 ug/ml



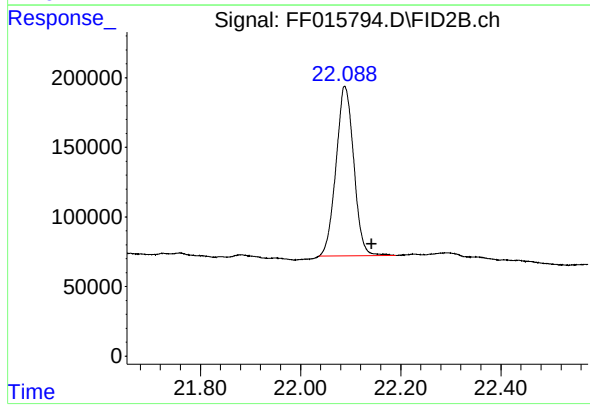
#17 N-OCTATRIACONTANE

R.T.: 21.179 min
Delta R.T.: -0.019 min
Response: 3190825
Conc: 56.19 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.088 min
Delta R.T.: -0.054 min
Response: 2992658
Conc: 73.59 ug/ml m