

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072922\
 Data File : FE036762.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jul 2022 20:35
 Operator : YP\AJ
 Sample : N3914-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 METRO-DISPMDS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2022
 Supervised By :Ankita Jodhani 07/29/2022

Integration File: autoint1.e
 Quant Time: Jul 28 21:32:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE072822.M
 Quant Title :
 QLast Update : Thu Jul 28 04:33:35 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...	14.930	7503570	61.459 ug/mlm
Target Compounds			
1) N-OCTANE	1.951	2192641	16.196 ug/ml
2) N-DECANE	4.484	3061102	23.074 ug/ml
3) N-DODECANE	6.655	4076491	30.003 ug/mlm
4) N-TETRADECANE	8.489	4941412	35.913 ug/mlm
5) N-HEXADECANE	10.111	12787571	92.202 ug/mlm
6) N-OCTADECANE	11.542	5892636	41.817 ug/mlm
7) N-EICOSANE	12.824	20094716	141.707 ug/mlm
8) N-DOCOSANE	14.057	3066107	22.032 ug/mlm
10) N-TETRACOSANE	15.174	75304977	537.751 ug/ml
11) N-HEXACOSANE	16.178	5128047	37.783 ug/mlm
12) N-OCTACOSANE	17.100	43950906	331.894 ug/mlm
13) N-TRIACONTANE	18.015	5623488	43.335 ug/mlm
14) N-DOTRIACONTANE	18.847	3947883	31.111 ug/mlm
15) N-TETRATRIACONTANE	19.629	3146668	25.532 ug/mlm
16) N-HEXATRIACONTANE	20.337	49858243	438.300 ug/mlm
17) N-OCTATRIACONTANE	21.090	1932327	17.077 ug/mlm
18) N-TETRACONTANE	21.982	2655371	21.305 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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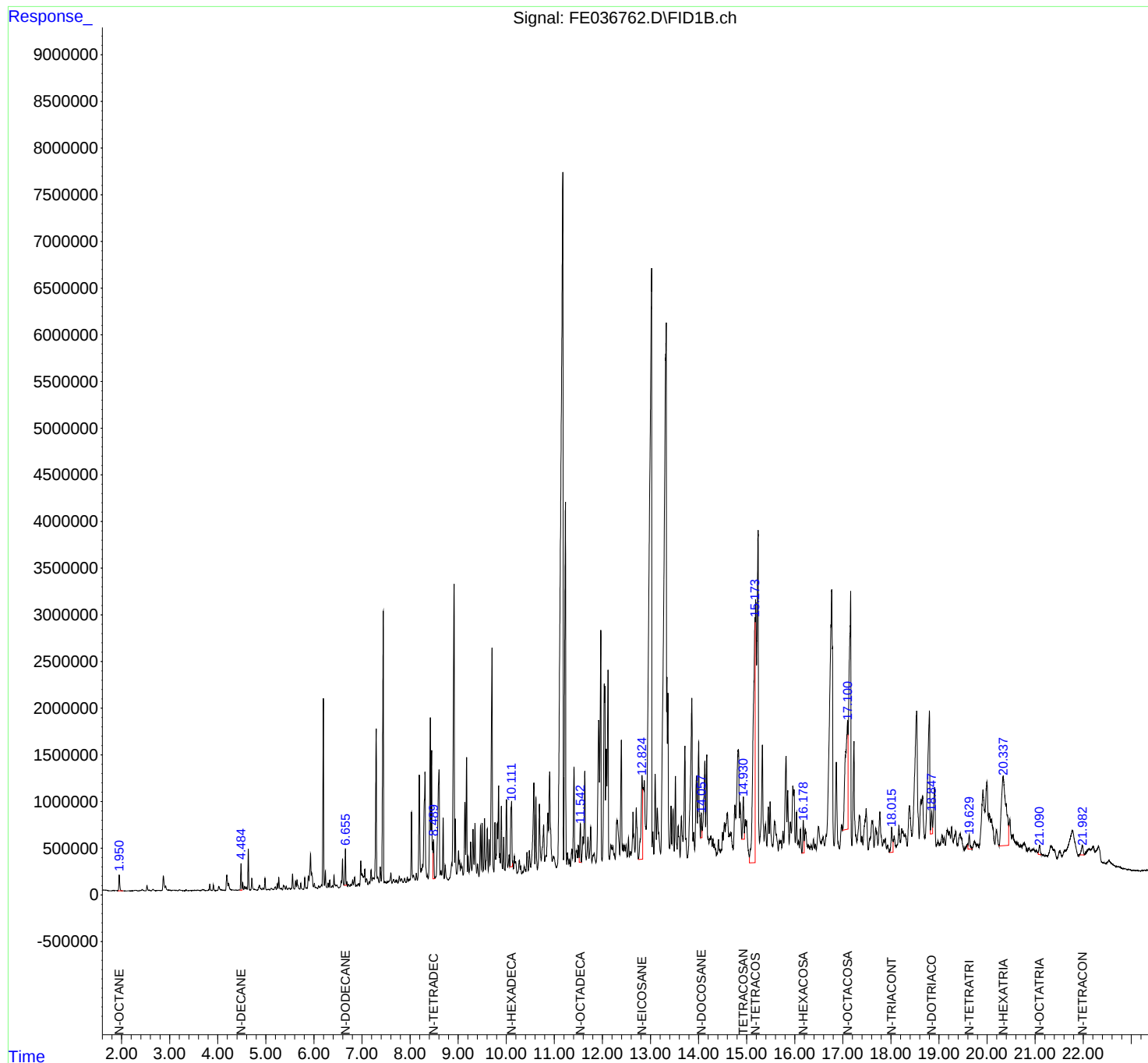
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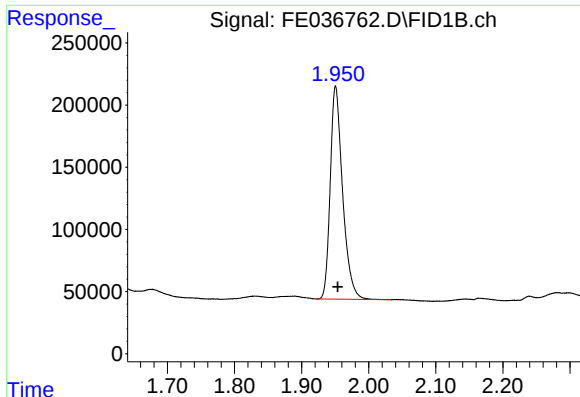
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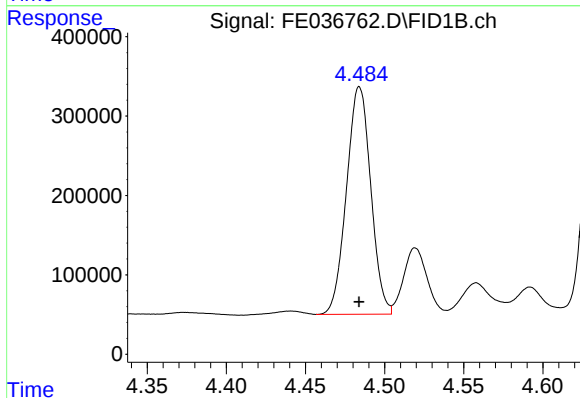
#1 N-OCTANE

R.T.: 1.951 min
Delta R.T.: -0.003 min
Response: 2192641
Conc: 16.20 ug/ml

Instrument :
FID_E
ClientSampleId :
METRO-DISPMSD

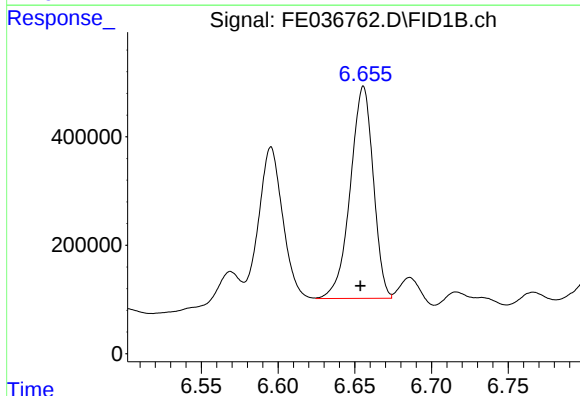
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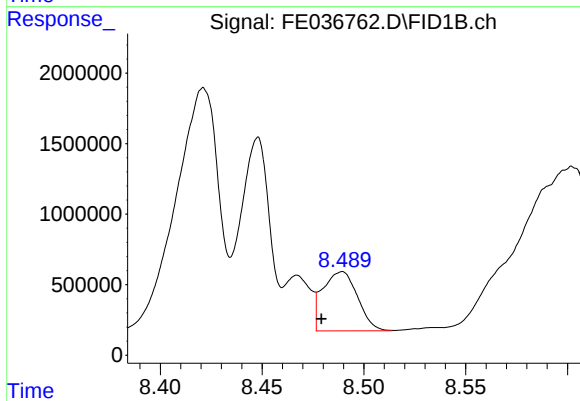
#2 N-DECANE

R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 3061102
Conc: 23.07 ug/ml



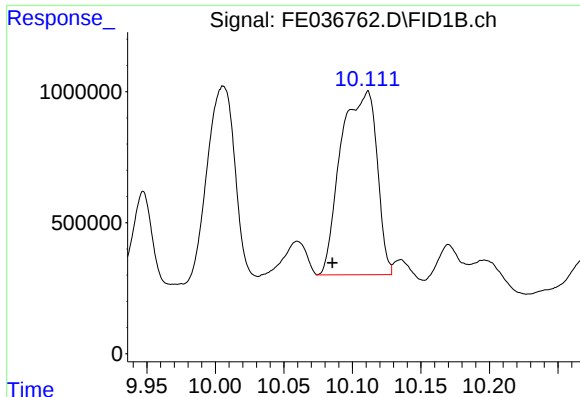
#3 N-DODECANE

R.T.: 6.655 min
Delta R.T.: 0.002 min
Response: 4076491
Conc: 30.00 ug/ml m



#4 N-TETRADECANE

R.T.: 8.489 min
Delta R.T.: 0.010 min
Response: 4941412
Conc: 35.91 ug/ml m



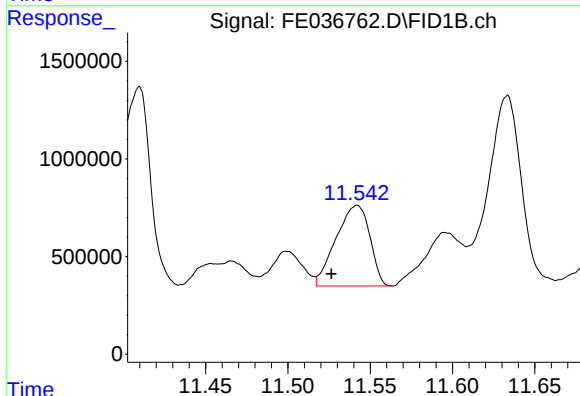
#5 N-HEXADECANE

R.T.: 10.111 min
Delta R.T.: 0.026 min
Response: 12787571
Conc: 92.20 ug/ml

Instrument :
FID_E
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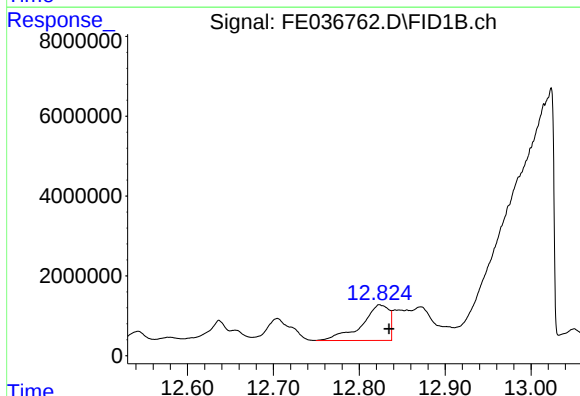
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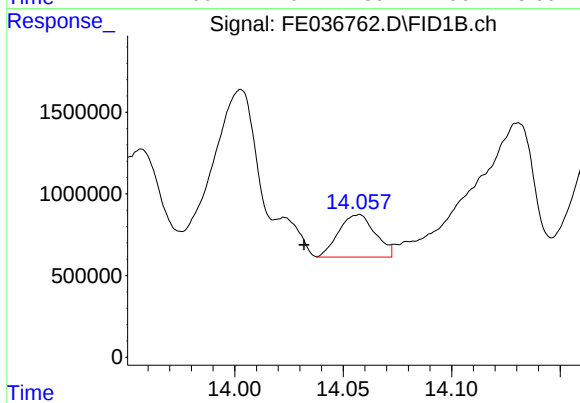
#6 N-OCTADECANE

R.T.: 11.542 min
Delta R.T.: 0.015 min
Response: 5892636
Conc: 41.82 ug/ml m



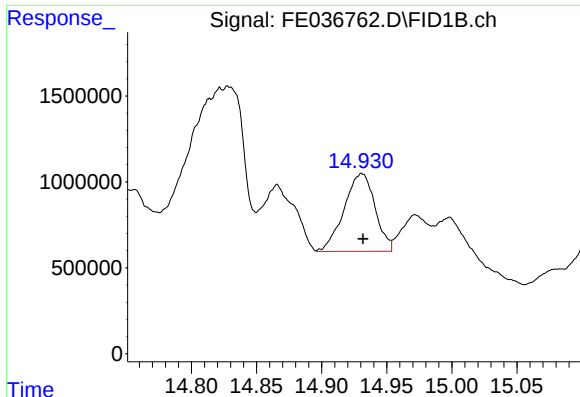
#7 N-EICOSANE

R.T.: 12.824 min
Delta R.T.: -0.011 min
Response: 20094716
Conc: 141.71 ug/ml m



#8 N-DOCOSANE

R.T.: 14.057 min
Delta R.T.: 0.025 min
Response: 3066107
Conc: 22.03 ug/ml m



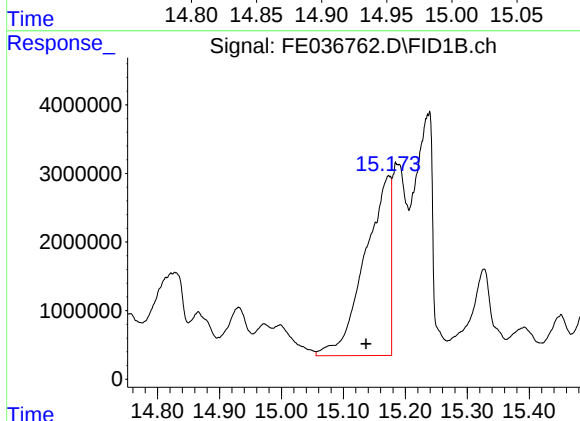
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.930 min
Delta R.T.: -0.001 min
Response: 7503570
Conc: 61.46 ug/ml

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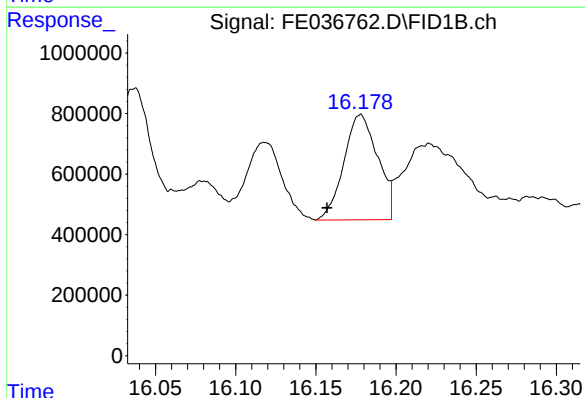
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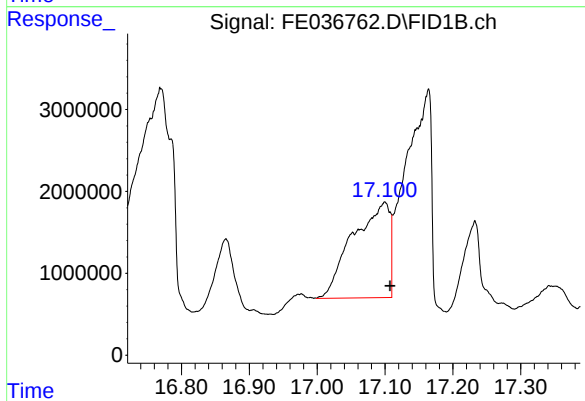
#10 N-TETRACOSANE

R.T.: 15.174 min
Delta R.T.: 0.037 min
Response: 75304977
Conc: 537.75 ug/ml



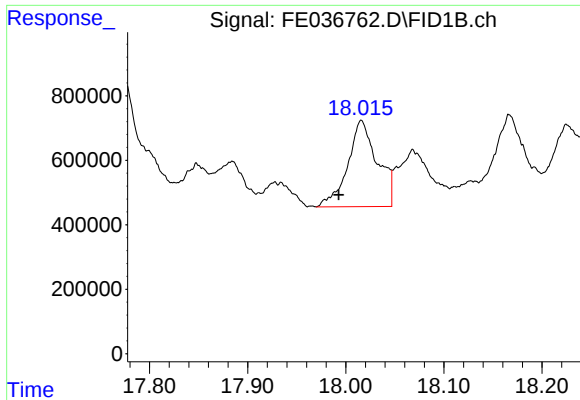
#11 N-HEXACOSANE

R.T.: 16.178 min
Delta R.T.: 0.021 min
Response: 5128047
Conc: 37.78 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.100 min
Delta R.T.: -0.008 min
Response: 43950906
Conc: 331.89 ug/ml m



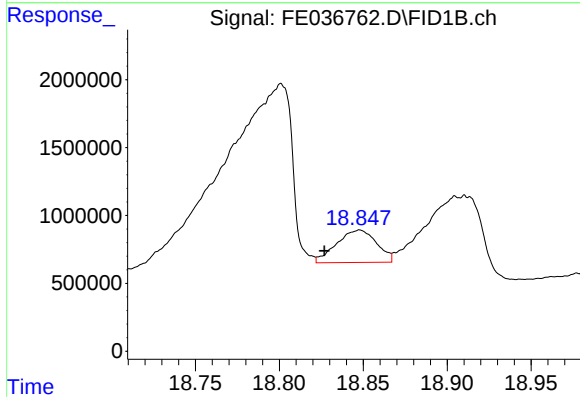
#13 N-TRIACONTANE

R.T.: 18.015 min
Delta R.T.: 0.022 min
Response: 5623488
Conc: 43.33 ug/ml

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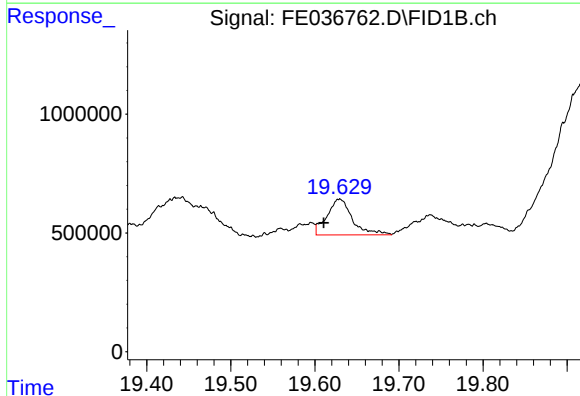
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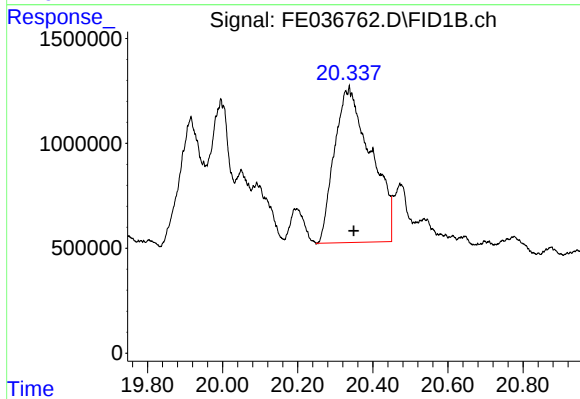
#14 N-DOTRIACONTANE

R.T.: 18.847 min
Delta R.T.: 0.021 min
Response: 3947883
Conc: 31.11 ug/ml m



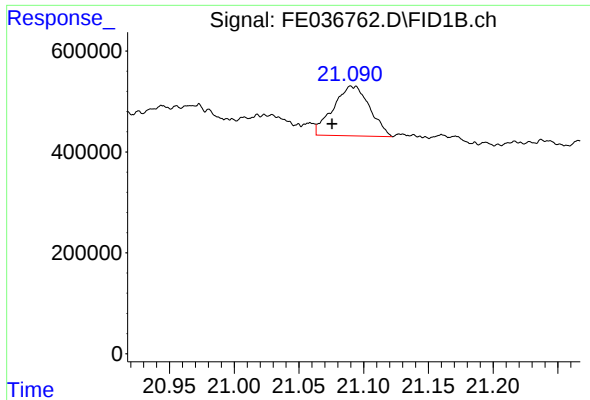
#15 N-TETRATRIACONTANE

R.T.: 19.629 min
Delta R.T.: 0.019 min
Response: 3146668
Conc: 25.53 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.337 min
Delta R.T.: -0.012 min
Response: 49858243
Conc: 438.30 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.090 min
Delta R.T.: 0.014 min
Response: 1932327
Conc: 17.08 ug/ml

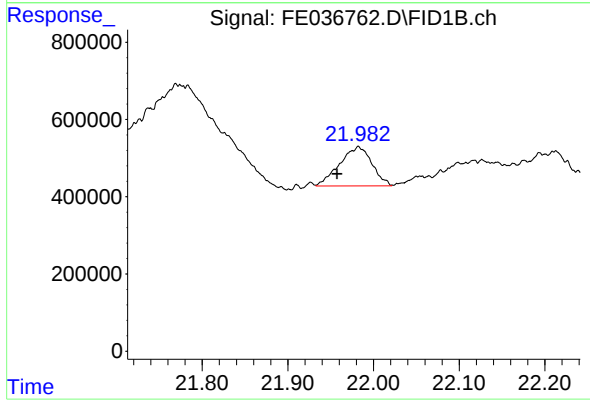
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#18 N-TETRACONTANE

R.T.: 21.982 min
Delta R.T.: 0.024 min
Response: 2655371
Conc: 21.31 ug/ml m