

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122021\
 Data File : FF009484.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2021 16:18
 Operator : AJ\MA
 Sample : M5116-01MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2021
 Supervised By :mohammad ahmed 12/22/2021

Integration File: autoint1.e
 Quant Time: Dec 21 00:03:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF121521.M
 Quant Title :
 QLast Update : Thu Dec 16 03:33:07 2021
 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...	14.478	2029218	17.517 ug/ml
Target Compounds			
1) N-OCTANE	2.193	2480684	17.910 ug/ml
2) N-DECANE	4.260	3161107	22.171 ug/ml
3) N-DODECANE	6.269	3380631	23.377 ug/ml
4) N-TETRADECANE	8.055	3638420	25.025 ug/ml
5) N-HEXADECANE	9.648	3385961	23.576 ug/ml
6) N-OCTADECANE	11.084	3483001	24.132 ug/ml
7) N-EICOSANE	12.389	3352025	23.652 ug/ml
8) N-DOCOSANE	13.583	3199195	23.478 ug/ml
10) N-TETRACOSANE	14.681	3146586	23.898 ug/ml
11) N-HEXACOSANE	15.698	2867046	22.940 ug/ml
12) N-OCTACOSANE	16.646	2849201	23.927 ug/ml
13) N-TRIACONTANE	17.529	2831886	24.723 ug/mlm
14) N-DOTRIACONTANE	18.358	3072868	28.118 ug/ml
15) N-TETRATRIACONTANE	19.138	2160530	20.396 ug/ml
16) N-HEXATRIACONTANE	19.873	1587770	15.852 ug/mlm
17) N-OCTATRIACONTANE	20.581	1432786	14.591 ug/ml
18) N-TETRACONTANE	21.410	1474475	14.599 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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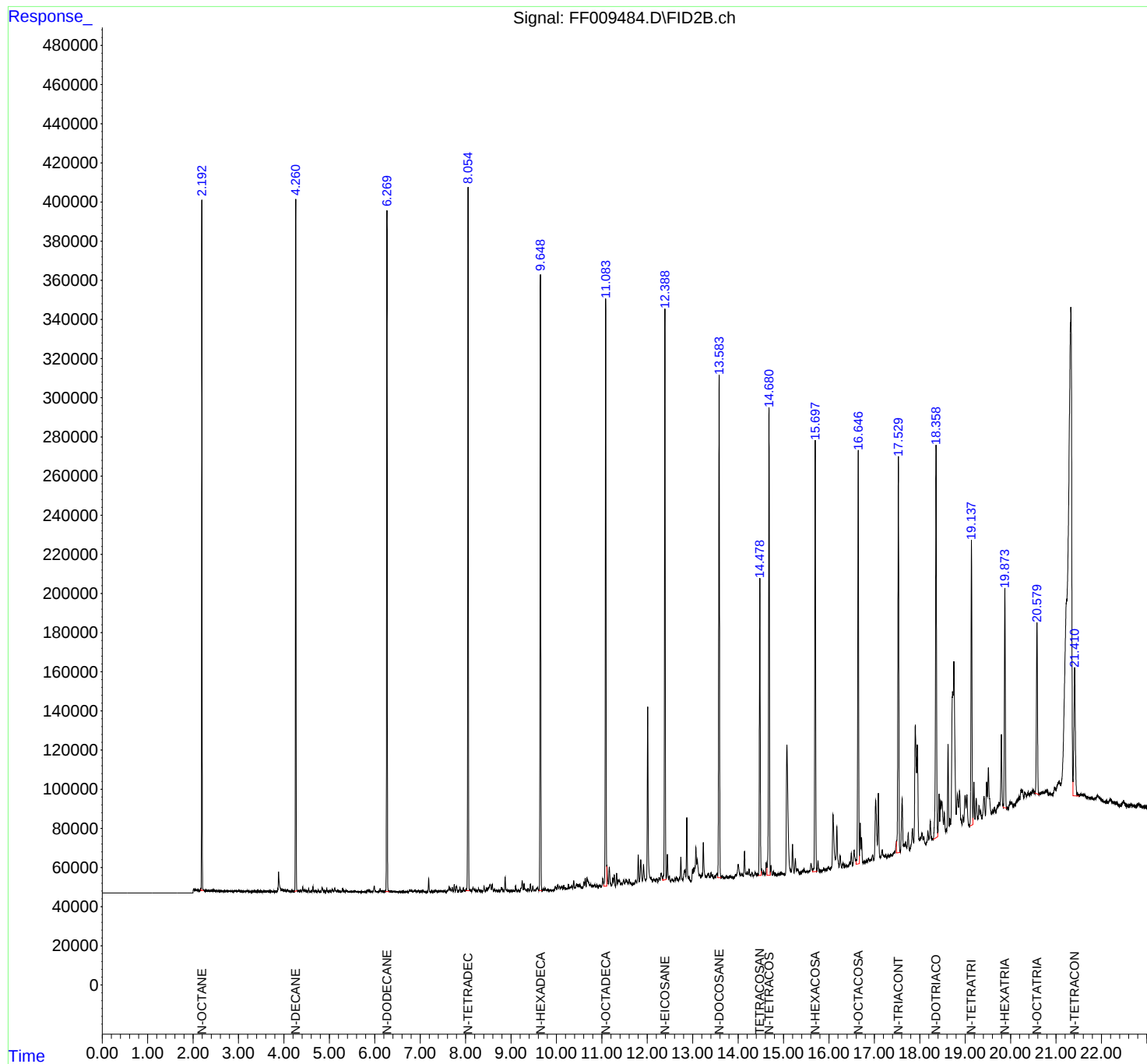
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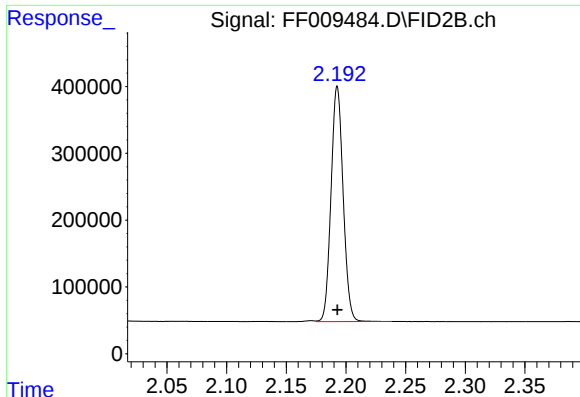
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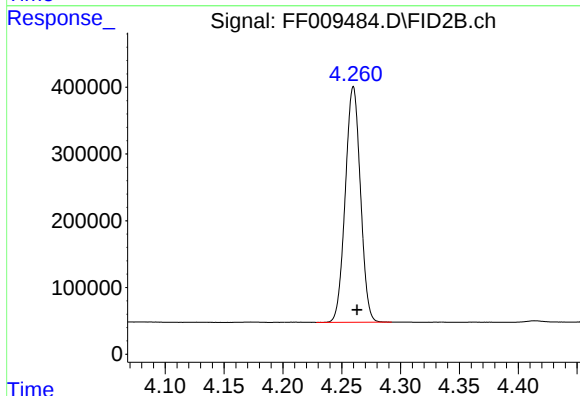
#1 N-OCTANE

R.T.: 2.193 min
Delta R.T.: 0.000 min
Response: 2480684
Conc: 17.91 ug/ml

Instrument :
FID_F
ClientSampleId :
WASTEMS

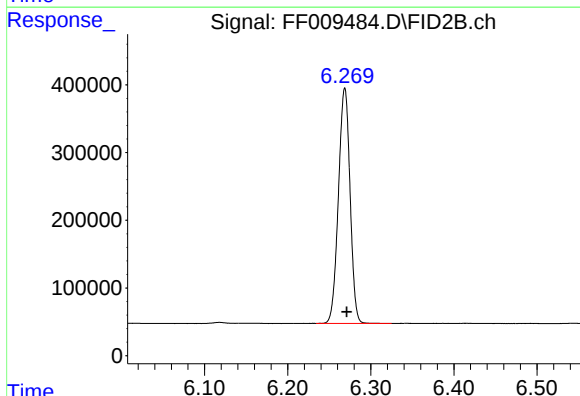
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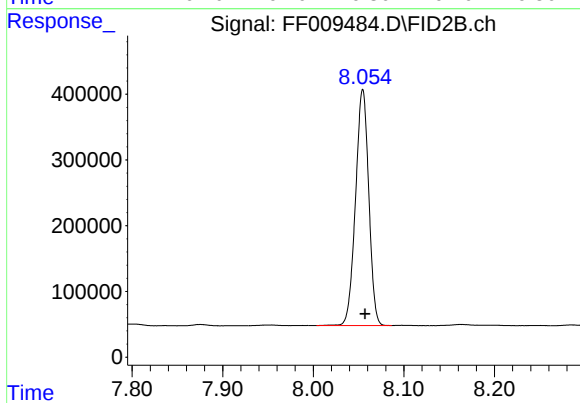
#2 N-DECANE

R.T.: 4.260 min
Delta R.T.: -0.003 min
Response: 3161107
Conc: 22.17 ug/ml



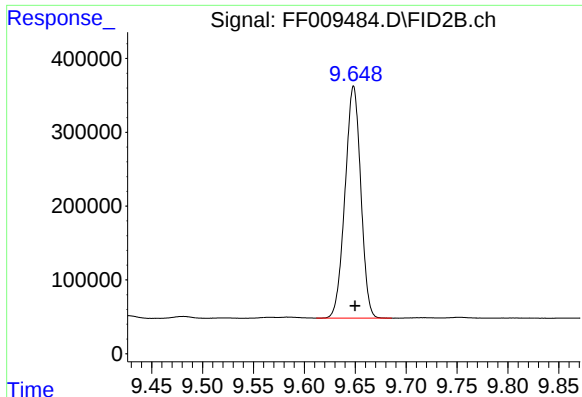
#3 N-DODECANE

R.T.: 6.269 min
Delta R.T.: -0.002 min
Response: 3380631
Conc: 23.38 ug/ml



#4 N-TETRADECANE

R.T.: 8.055 min
Delta R.T.: -0.003 min
Response: 3638420
Conc: 25.02 ug/ml



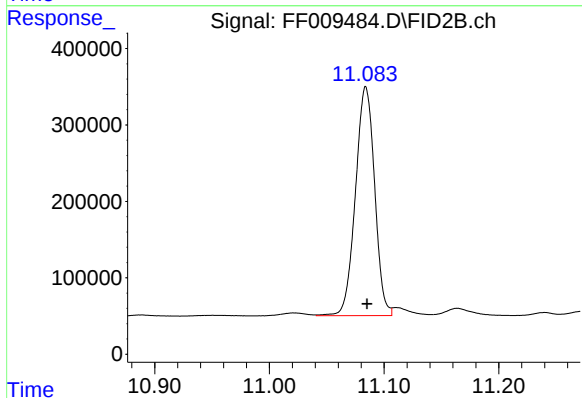
#5 N-HEXADECANE

R.T.: 9.648 min
Delta R.T.: -0.001 min
Response: 3385961
Conc: 23.58 ug/ml

Instrument :
FID_F
ClientSampleId :
WASTEMS

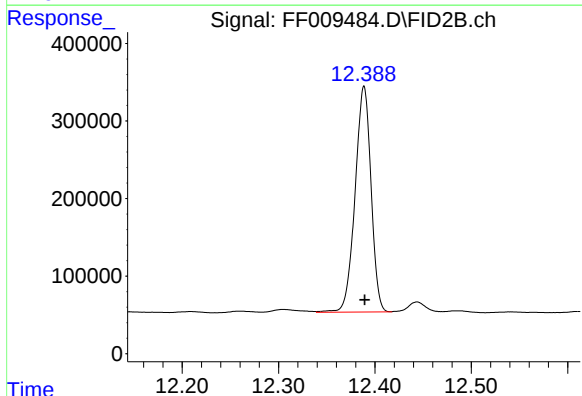
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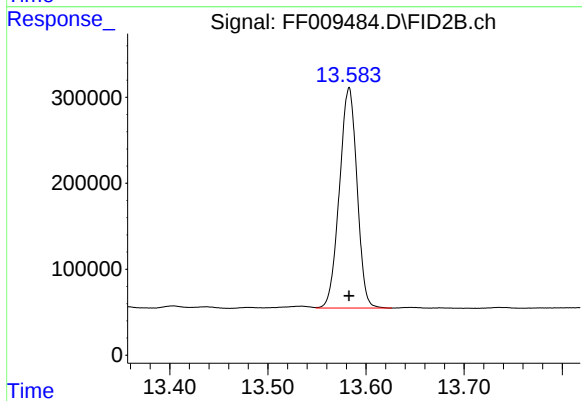
#6 N-OCTADECANE

R.T.: 11.084 min
Delta R.T.: -0.001 min
Response: 3483001
Conc: 24.13 ug/ml



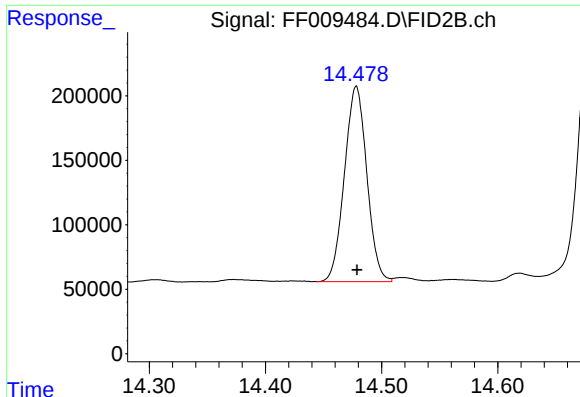
#7 N-EICOSANE

R.T.: 12.389 min
Delta R.T.: 0.000 min
Response: 3352025
Conc: 23.65 ug/ml



#8 N-DOCOSANE

R.T.: 13.583 min
Delta R.T.: 0.000 min
Response: 3199195
Conc: 23.48 ug/ml



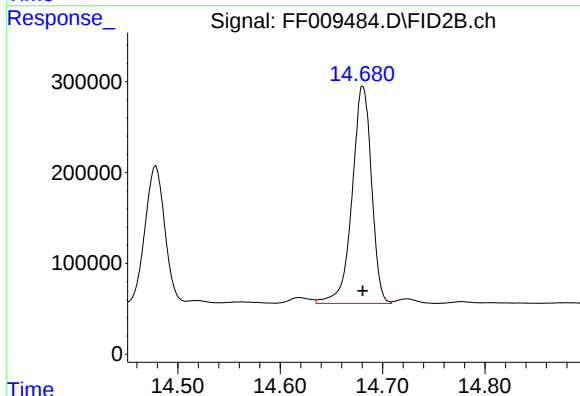
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.478 min
Delta R.T.: 0.000 min
Response: 2029218
Conc: 17.52 ug/ml

Instrument :
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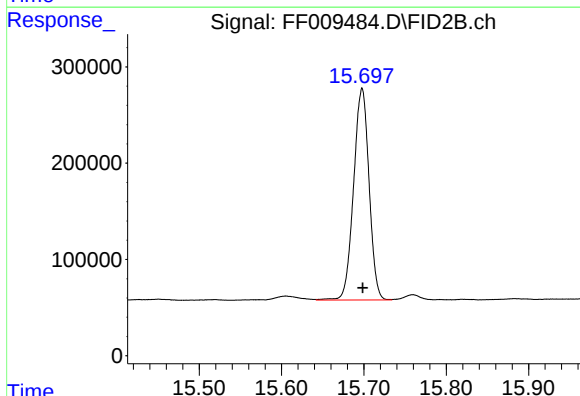
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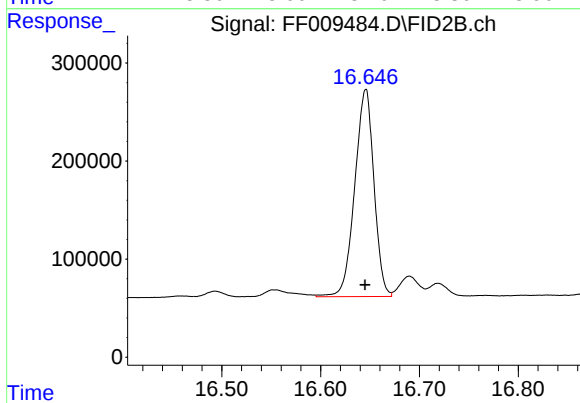
#10 N-TETRACOSANE

R.T.: 14.681 min
Delta R.T.: 0.000 min
Response: 3146586
Conc: 23.90 ug/ml



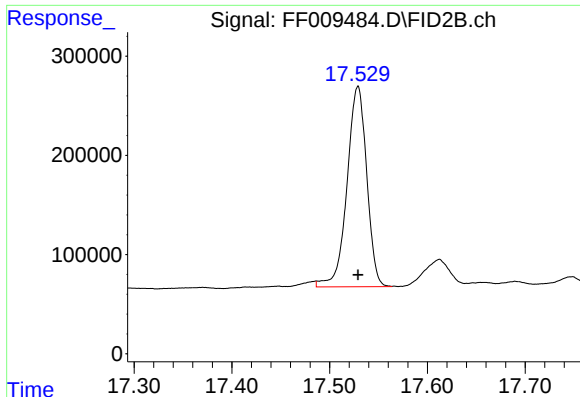
#11 N-HEXACOSANE

R.T.: 15.698 min
Delta R.T.: 0.000 min
Response: 2867046
Conc: 22.94 ug/ml



#12 N-OCTACOSANE

R.T.: 16.646 min
Delta R.T.: 0.000 min
Response: 2849201
Conc: 23.93 ug/ml



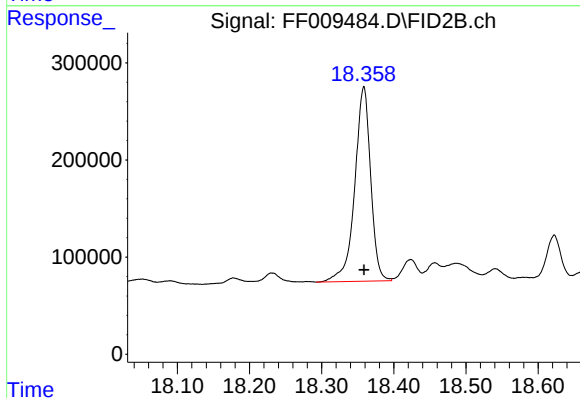
#13 N-TRIACONTANE

R.T.: 17.529 min
Delta R.T.: 0.000 min
Response: 2831886
Conc: 24.72 ug/ml

Instrument :
FID_F
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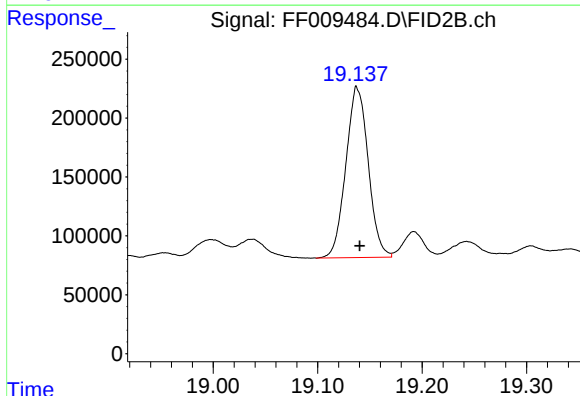
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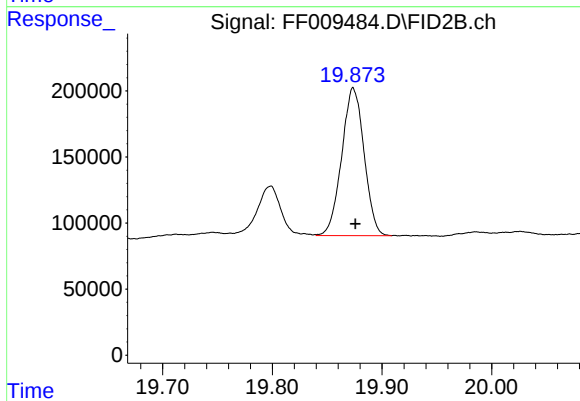
#14 N-DOTRIACONTANE

R.T.: 18.358 min
Delta R.T.: 0.000 min
Response: 3072868
Conc: 28.12 ug/ml



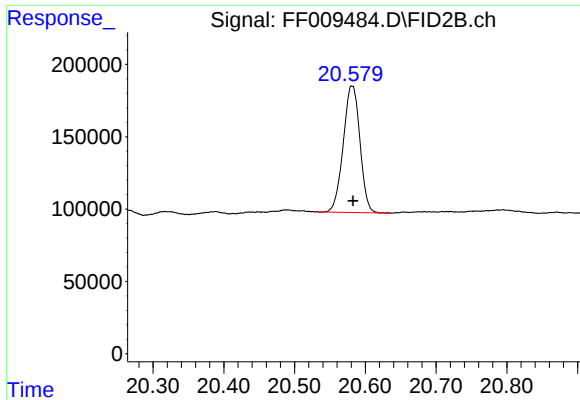
#15 N-TETRATRIACONTANE

R.T.: 19.138 min
Delta R.T.: -0.003 min
Response: 2160530
Conc: 20.40 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.873 min
Delta R.T.: -0.002 min
Response: 1587770
Conc: 15.85 ug/ml m



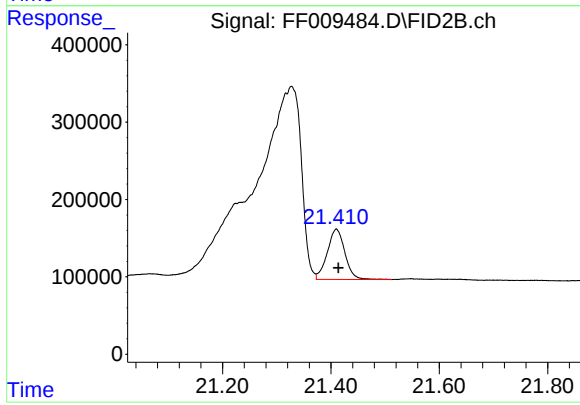
#17 N-OCTATRIACONTANE

R.T.: 20.581 min
Delta R.T.: -0.002 min
Response: 1432786
Conc: 14.59 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.410 min
Delta R.T.: -0.004 min
Response: 1474475
Conc: 14.60 ug/ml