

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020322\
 Data File : FF009849.D
 Signal(s) : FID2B.ch
 Acq On : 03 Feb 2022 21:14
 Operator : AJ\MA
 Sample : N1381-11
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 DB-09(25-30)-02-02-22MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2022
 Supervised By :Ankita Jodhani 02/15/2022

Integration File: calibration.e
 Quant Time: Feb 03 22:38:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011722.M
 Quant Title :
 QLast Update : Tue Jan 18 02:53:40 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...	14.436	1974304	15.108 ug/mlm
Target Compounds			
1) N-OCTANE	2.164	2533826	18.329 ug/ml
2) N-DECANE	4.222	2973271	21.023 ug/ml
3) N-DODECANE	6.228	3064643	21.416 ug/ml
4) N-TETRADECANE	8.014	3128477	21.290 ug/mlm
5) N-HEXADECANE	9.607	2854572	19.082 ug/ml
6) N-OCTADECANE	11.042	3099441	20.104 ug/ml
7) N-EICOSANE	12.346	2916224	19.292 ug/ml
8) N-DOCOSANE	13.540	2842042	19.110 ug/ml
10) N-TETRACOSANE	14.638	2820118	19.016 ug/ml
11) N-HEXACOSANE	15.654	2791561	19.093 ug/mlm
12) N-OCTACOSANE	16.602	2729205	18.801 ug/ml
13) N-TRIACONTANE	17.486	2773152	19.381 ug/mlm
14) N-DOTRIACONTANE	18.315	3112119	22.870 ug/mlm
15) N-TETRATRIACONTANE	19.095	3387520	28.521 ug/mlm
16) N-HEXATRIACONTANE	19.831	3369994	32.686 ug/mlm
17) N-OCTATRIACONTANE	20.537	3736617	41.903 ug/mlm
18) N-TETRACONTANE	21.352	3356799	36.954 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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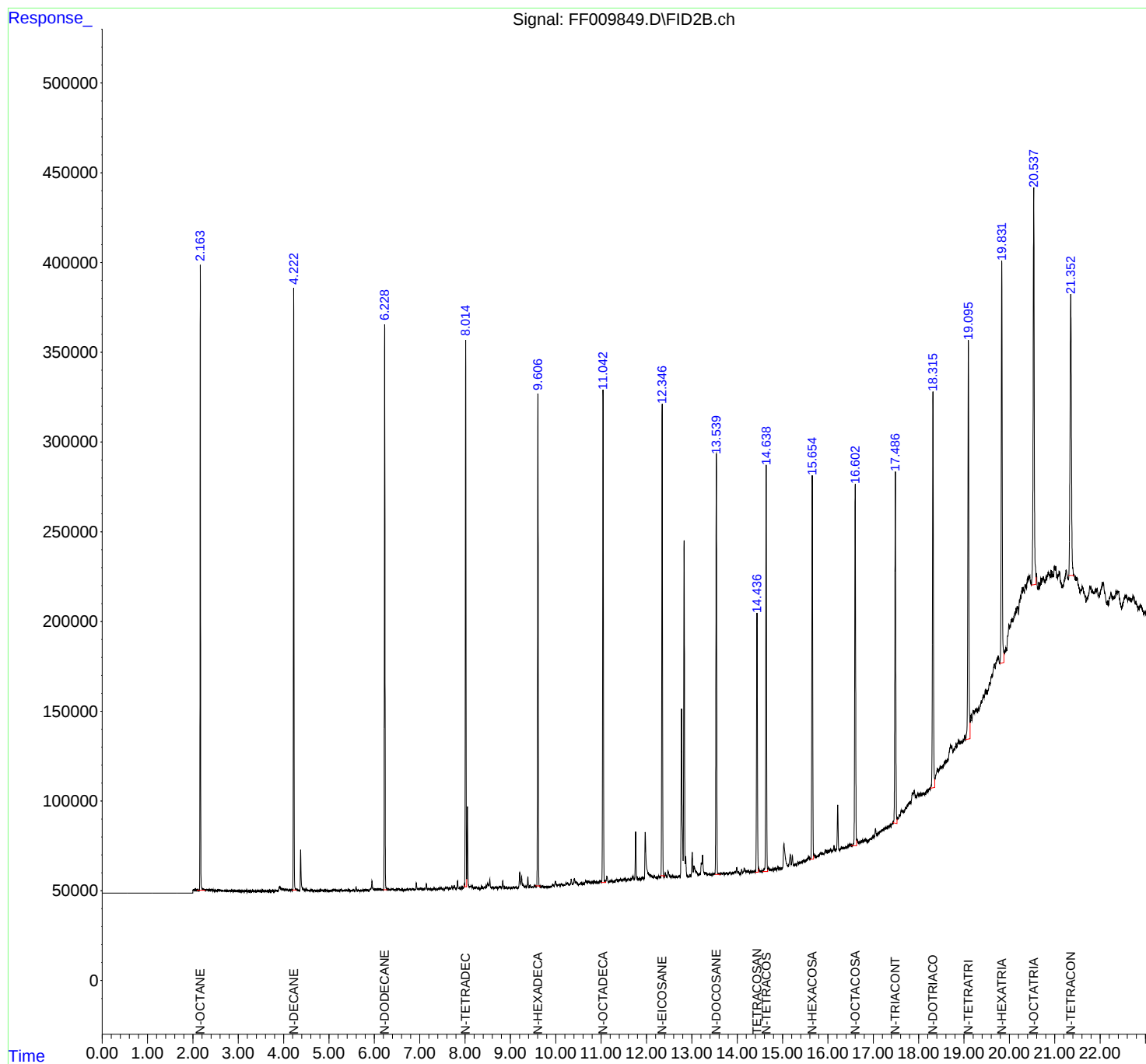
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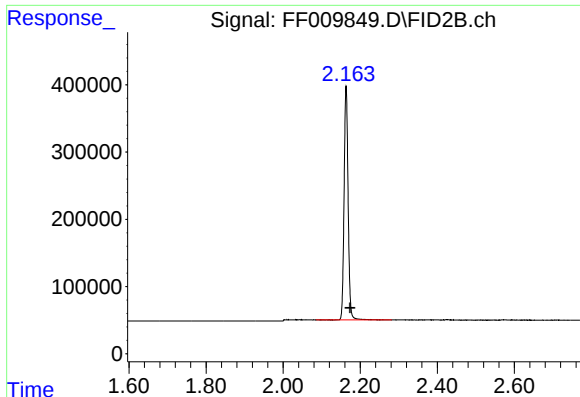
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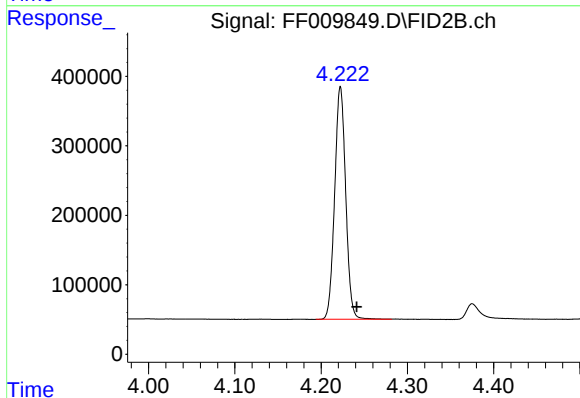
#1 N-OCTANE

R.T.: 2.164 min
Delta R.T.: -0.010 min
Response: 2533826
Conc: 18.33 ug/ml

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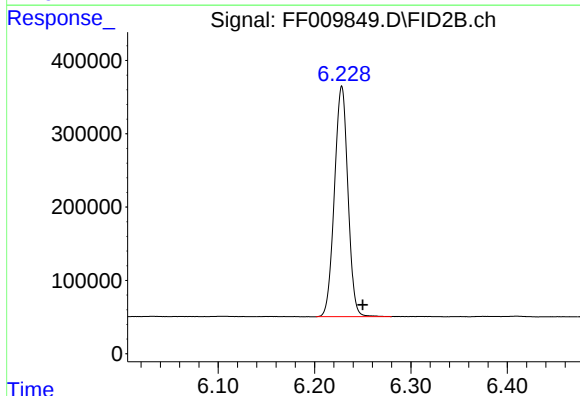
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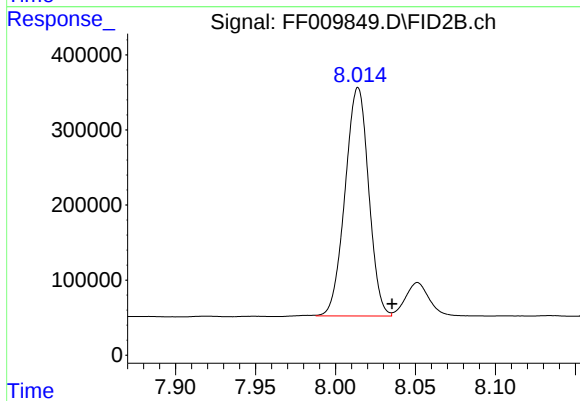
#2 N-DECANE

R.T.: 4.222 min
Delta R.T.: -0.019 min
Response: 2973271
Conc: 21.02 ug/ml



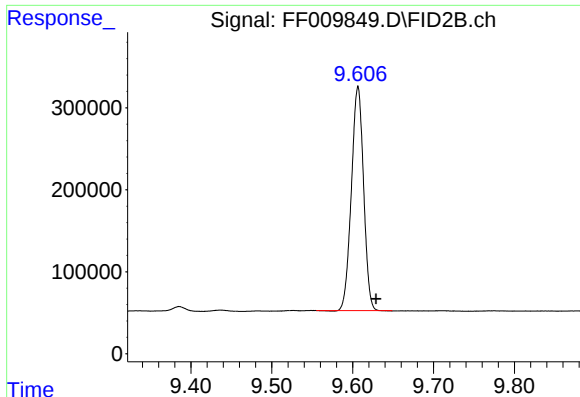
#3 N-DODECANE

R.T.: 6.228 min
Delta R.T.: -0.022 min
Response: 3064643
Conc: 21.42 ug/ml



#4 N-TETRADECANE

R.T.: 8.014 min
Delta R.T.: -0.022 min
Response: 3128477
Conc: 21.29 ug/ml m



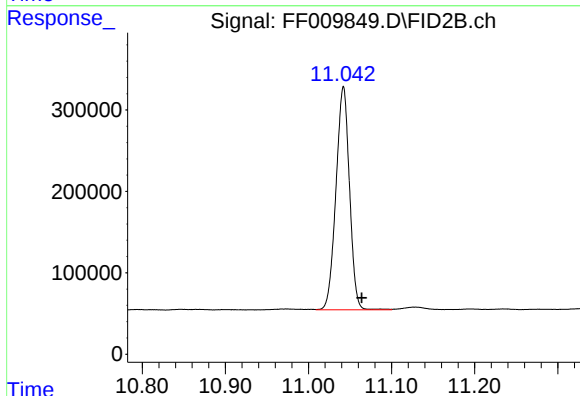
#5 N-HEXADECANE

R.T.: 9.607 min
Delta R.T.: -0.022 min
Response: 2854572
Conc: 19.08 ug/ml

Instrument :
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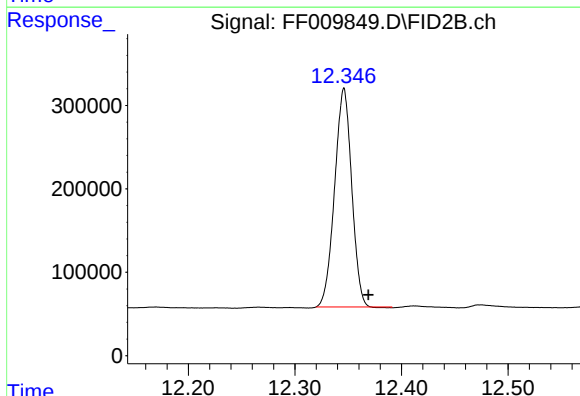
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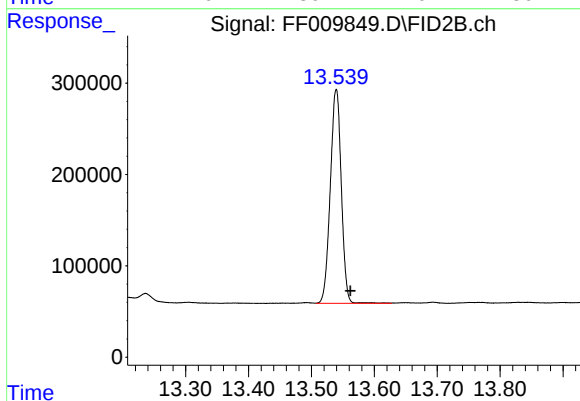
#6 N-OCTADECANE

R.T.: 11.042 min
Delta R.T.: -0.022 min
Response: 3099441
Conc: 20.10 ug/ml



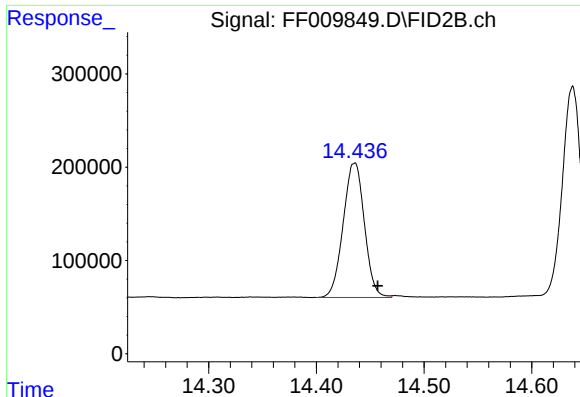
#7 N-EICOSANE

R.T.: 12.346 min
Delta R.T.: -0.023 min
Response: 2916224
Conc: 19.29 ug/ml



#8 N-DOCOSANE

R.T.: 13.540 min
Delta R.T.: -0.022 min
Response: 2842042
Conc: 19.11 ug/ml



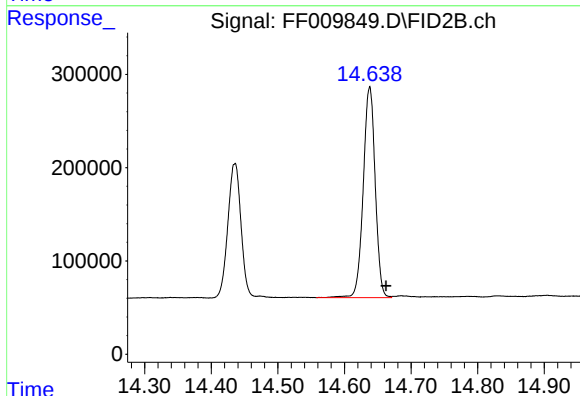
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.436 min
Delta R.T.: -0.021 min
Response: 1974304
Conc: 15.11 ug/ml

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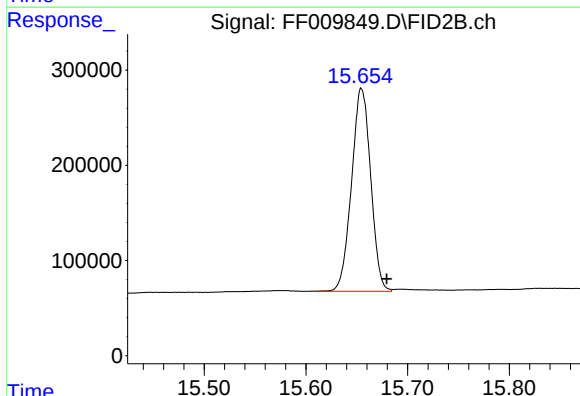
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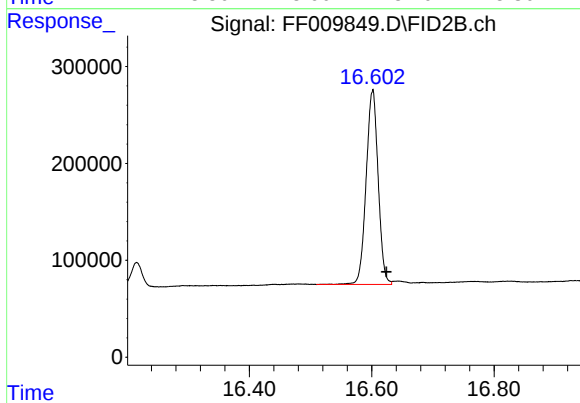
#10 N-TETRACOSANE

R.T.: 14.638 min
Delta R.T.: -0.025 min
Response: 2820118
Conc: 19.02 ug/ml



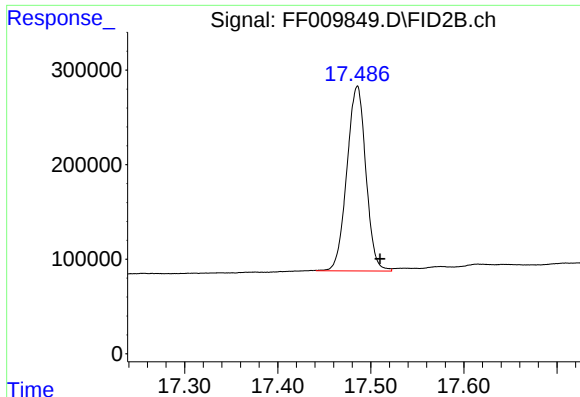
#11 N-HEXACOSANE

R.T.: 15.654 min
Delta R.T.: -0.026 min
Response: 2791561
Conc: 19.09 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.602 min
Delta R.T.: -0.023 min
Response: 2729205
Conc: 18.80 ug/ml



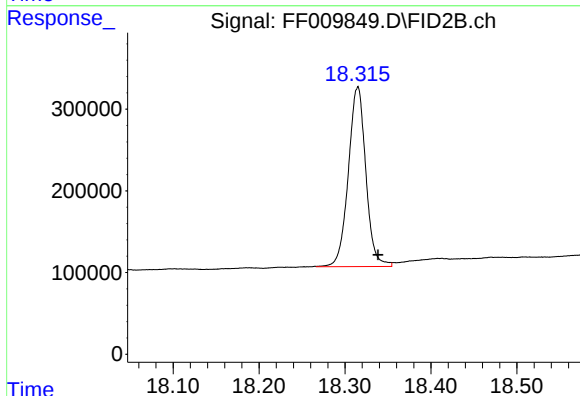
#13 N-TRIACONTANE

R.T.: 17.486 min
Delta R.T.: -0.024 min
Response: 2773152
Conc: 19.38 ug/ml

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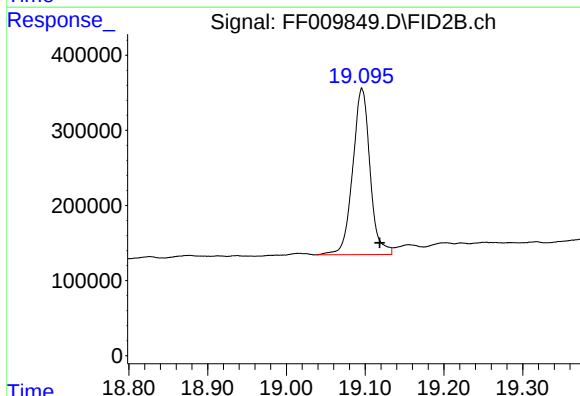
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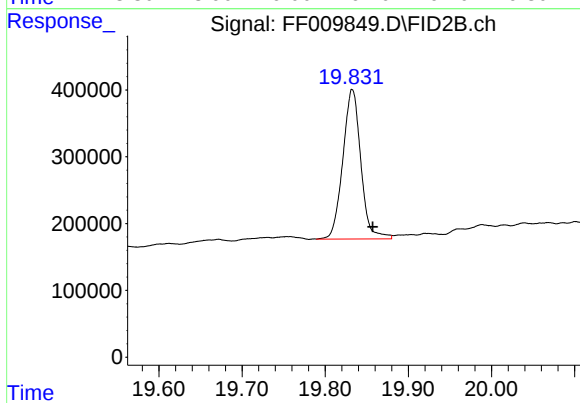
#14 N-DOTRIACONTANE

R.T.: 18.315 min
Delta R.T.: -0.024 min
Response: 3112119
Conc: 22.87 ug/ml m



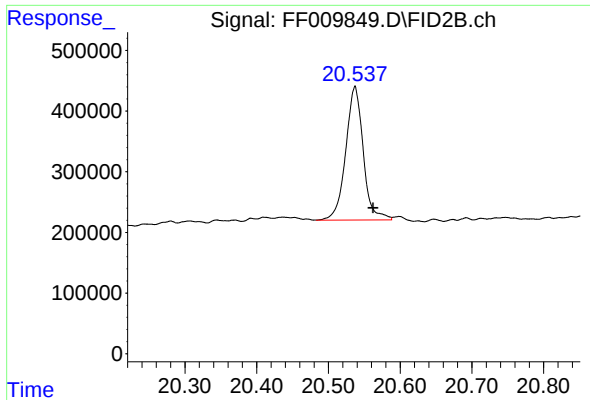
#15 N-TETRATRIACONTANE

R.T.: 19.095 min
Delta R.T.: -0.023 min
Response: 3387520
Conc: 28.52 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.831 min
Delta R.T.: -0.026 min
Response: 3369994
Conc: 32.69 ug/ml m



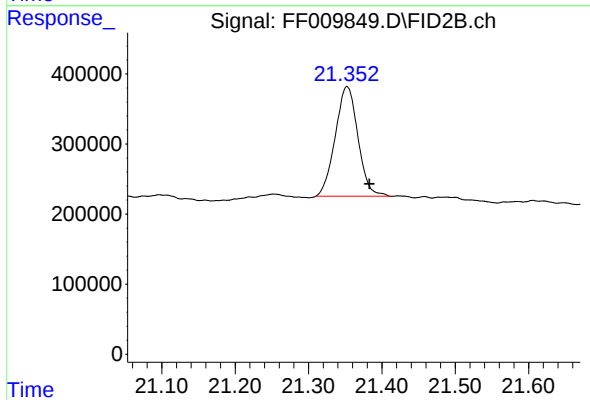
#17 N-OCTATRIACONTANE

R.T.: 20.537 min
Delta R.T.: -0.026 min
Response: 3736617
Conc: 41.90 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.352 min
Delta R.T.: -0.031 min
Response: 3356799
Conc: 36.95 ug/ml