

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020122\
 Data File : FF009820.D
 Signal(s) : FID2B.ch
 Acq On : 01 Feb 2022 10:28
 Operator : AJ\MA
 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 02/02/2022
 Supervised By :Ankita Jodhani 02/02/2022

Integration File: calibration.e
 Quant Time: Feb 02 01:59:23 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...	14.434	5461620	41.794 ug/ml
Target Compounds			
1) N-OCTANE	2.162	6612039	47.830 ug/ml
2) N-DECANE	4.224	6766452	47.843 ug/ml
3) N-DODECANE	6.231	6789396	47.445 ug/ml
4) N-TETRADECANE	8.015	6772319	46.087 ug/ml
5) N-HEXADECANE	9.607	6726633	44.966 ug/ml
6) N-OCTADECANE	11.042	6796077	44.082 ug/ml
7) N-EICOSANE	12.346	6168026	40.804 ug/ml
8) N-DOCOSANE	13.539	6326623	42.541 ug/ml
10) N-TETRACOSANE	14.637	6141906	41.416 ug/ml
11) N-HEXACOSANE	15.654	5952492	40.712 ug/ml
12) N-OCTACOSANE	16.599	5785682	39.856 ug/ml
13) N-TRIACONTANE	17.482	5678759	39.688 ug/ml
14) N-DOTRIACONTANE	18.312	5494670	40.378 ug/mlm
15) N-TETRATRIACONTANE	19.092	5227608	44.013 ug/ml
16) N-HEXATRIACONTANE	19.828	4870537	47.240 ug/mlm
17) N-OCTATRIACONTANE	20.531	4126155	46.271 ug/mlm
18) N-TETRACONTANE	21.345	4289323	47.220 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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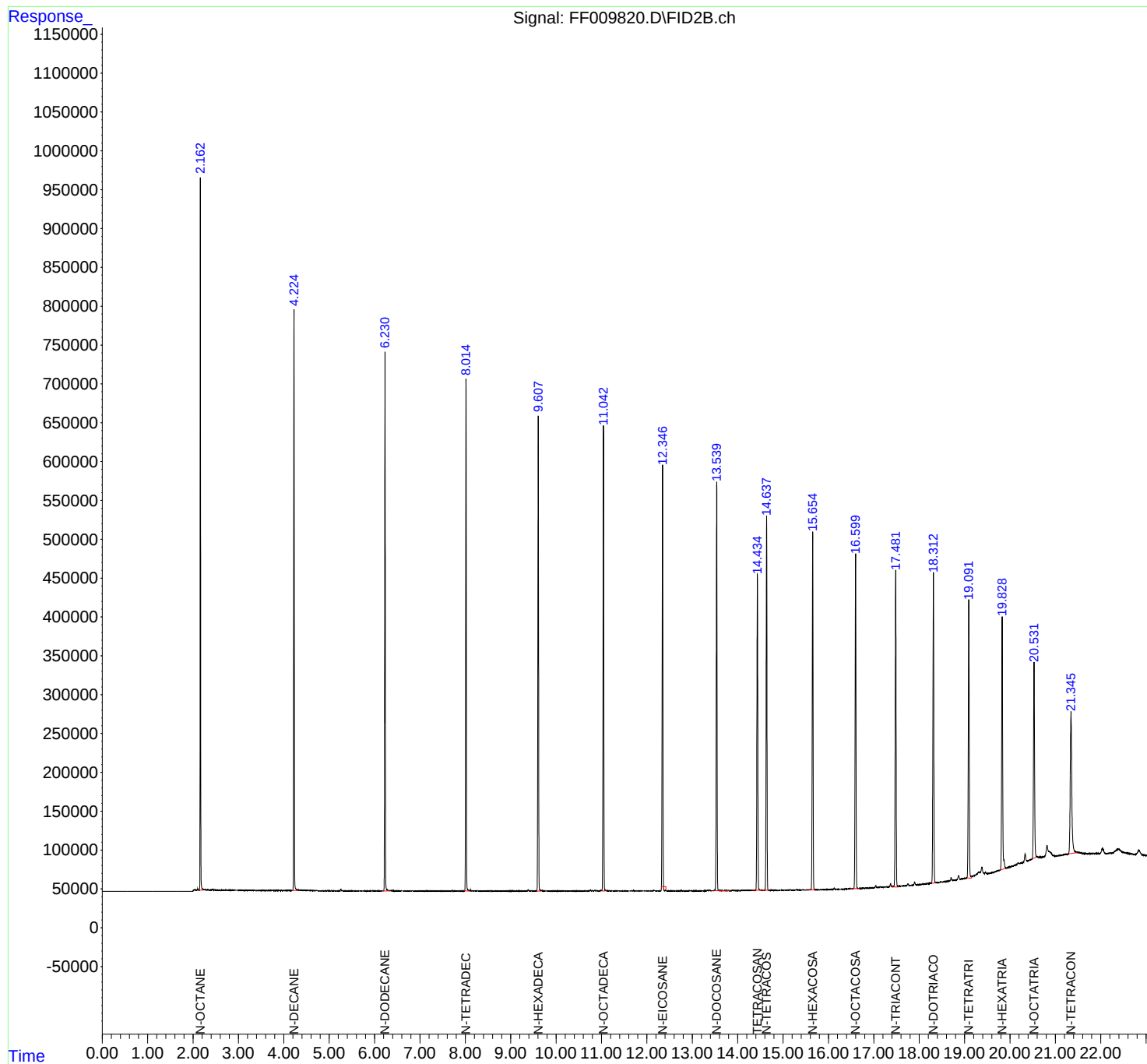
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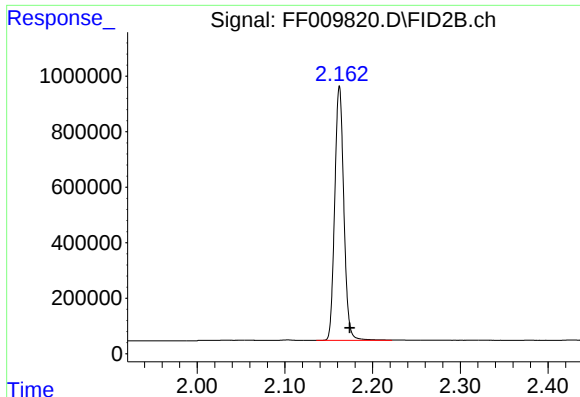
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#1 N-OCTANE

R.T.: 2.162 min
Delta R.T.: -0.012 min
Response: 6612039
Conc: 47.83 ug/ml

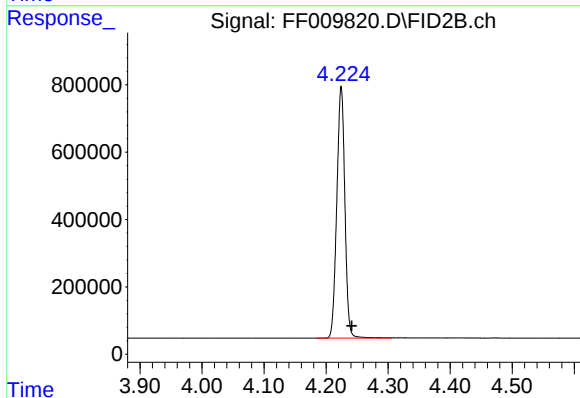
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

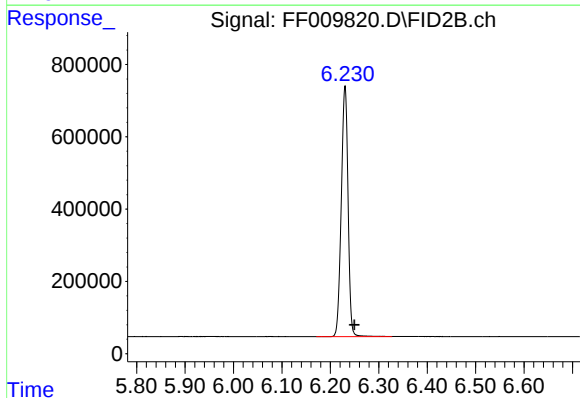
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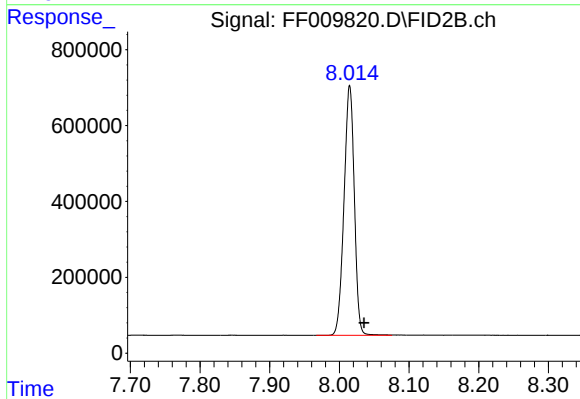
#2 N-DECANE

R.T.: 4.224 min
Delta R.T.: -0.017 min
Response: 6766452
Conc: 47.84 ug/ml



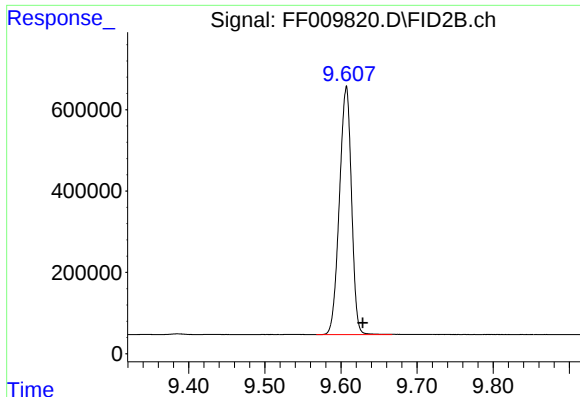
#3 N-DODECANE

R.T.: 6.231 min
Delta R.T.: -0.019 min
Response: 6789396
Conc: 47.45 ug/ml



#4 N-TETRADECANE

R.T.: 8.015 min
Delta R.T.: -0.021 min
Response: 6772319
Conc: 46.09 ug/ml



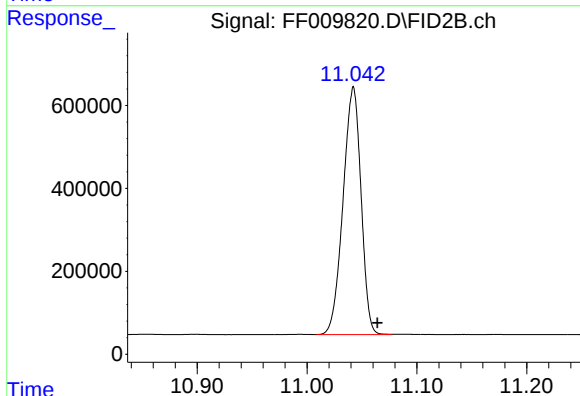
#5 N-HEXADECANE

R.T.: 9.607 min
Delta R.T.: -0.021 min
Response: 6726633
Conc: 44.97 ug/ml

Instrument :
FID_F
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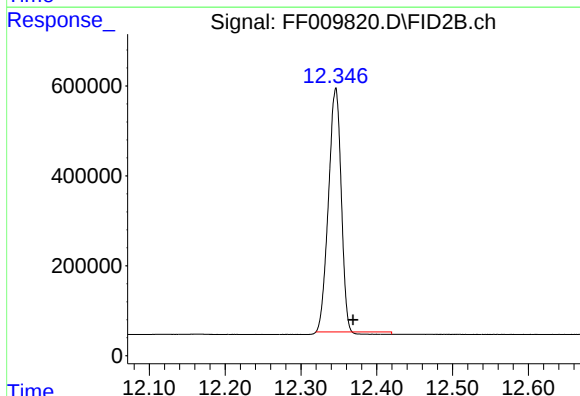
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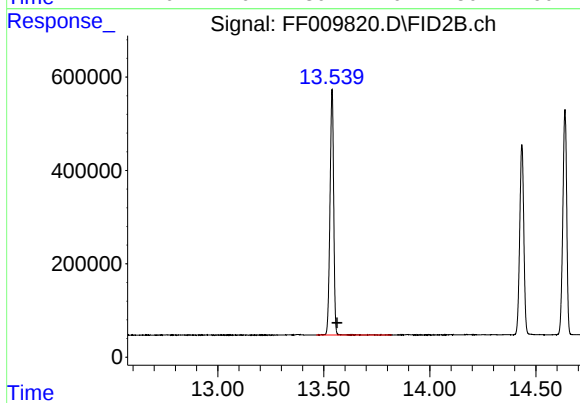
#6 N-OCTADECANE

R.T.: 11.042 min
Delta R.T.: -0.022 min
Response: 6796077
Conc: 44.08 ug/ml



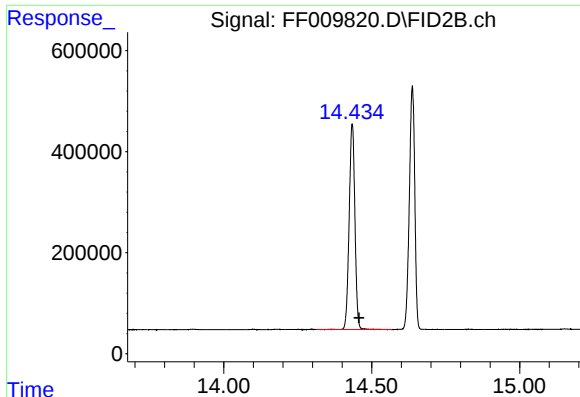
#7 N-EICOSANE

R.T.: 12.346 min
Delta R.T.: -0.023 min
Response: 6168026
Conc: 40.80 ug/ml



#8 N-DOCOSANE

R.T.: 13.539 min
Delta R.T.: -0.023 min
Response: 6326623
Conc: 42.54 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.434 min
Delta R.T.: -0.023 min
Response: 5461620
Conc: 41.79 ug/ml

Instrument :

FID_F

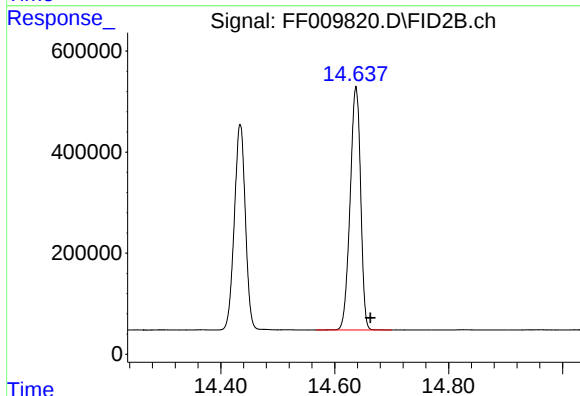
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

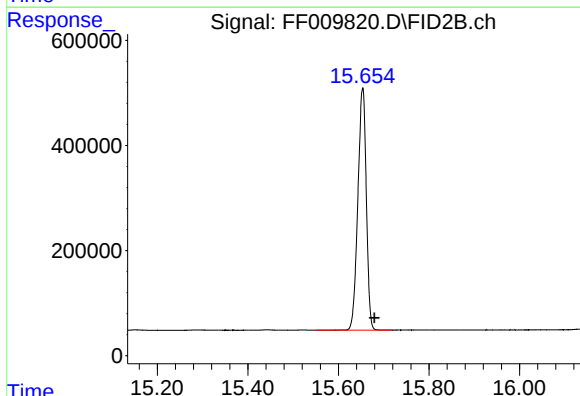
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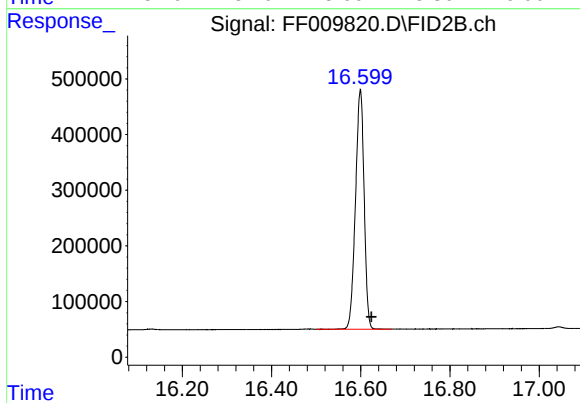
#10 N-TETRACOSANE

R.T.: 14.637 min
Delta R.T.: -0.025 min
Response: 6141906
Conc: 41.42 ug/ml



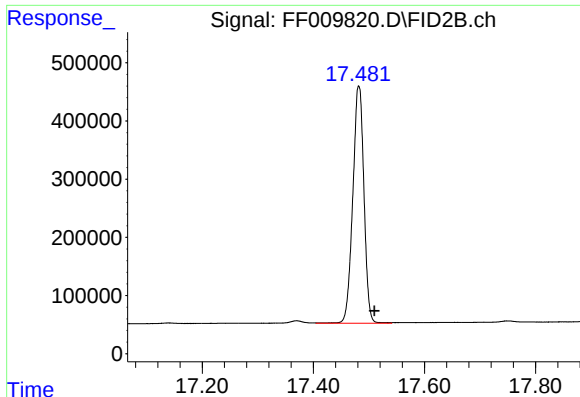
#11 N-HEXACOSANE

R.T.: 15.654 min
Delta R.T.: -0.025 min
Response: 5952492
Conc: 40.71 ug/ml



#12 N-OCTACOSANE

R.T.: 16.599 min
Delta R.T.: -0.025 min
Response: 5785682
Conc: 39.86 ug/ml



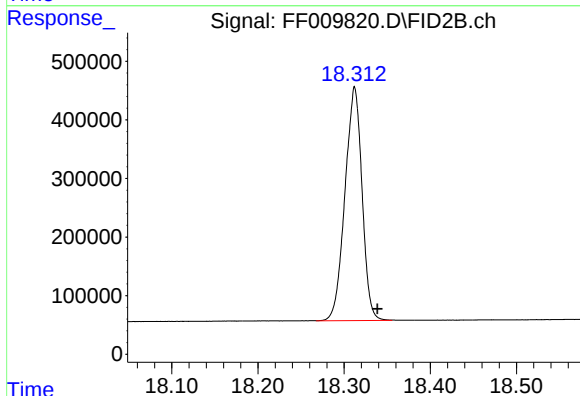
#13 N-TRIACONTANE

R.T.: 17.482 min
Delta R.T.: -0.028 min
Response: 5678759
Conc: 39.69 ug/ml

Instrument :
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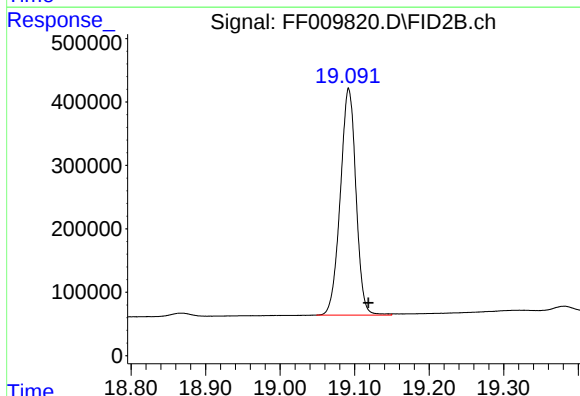
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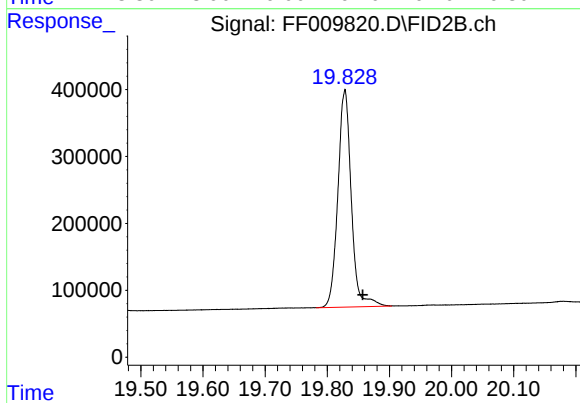
#14 N-DOTRIACONTANE

R.T.: 18.312 min
Delta R.T.: -0.027 min
Response: 5494670
Conc: 40.38 ug/ml m



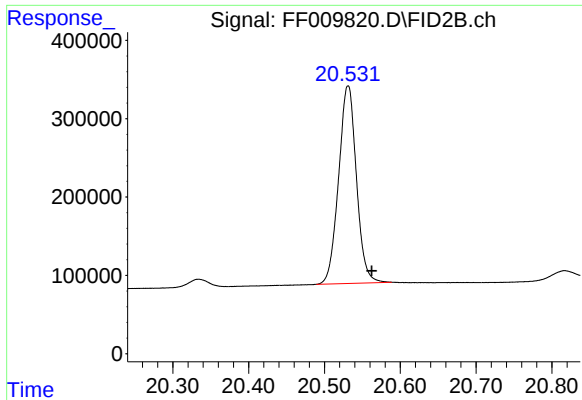
#15 N-TETRATRIACONTANE

R.T.: 19.092 min
Delta R.T.: -0.027 min
Response: 5227608
Conc: 44.01 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.828 min
Delta R.T.: -0.029 min
Response: 4870537
Conc: 47.24 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.531 min
Delta R.T.: -0.031 min
Response: 4126155
Conc: 46.27 ug/ml

Instrument :

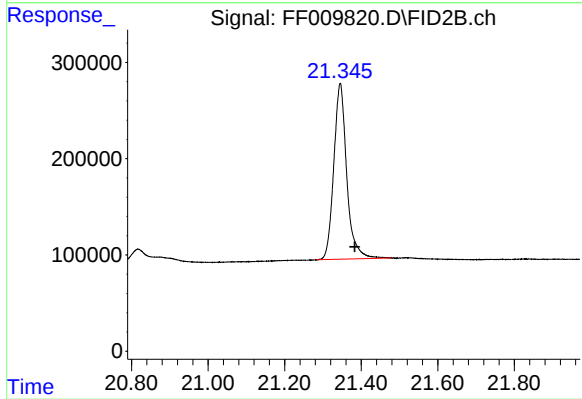
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#18 N-TETRACONTANE

R.T.: 21.345 min
Delta R.T.: -0.038 min
Response: 4289323
Conc: 47.22 ug/ml m