

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020722\
 Data File : FF009890.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2022 12:14
 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 02/08/2022
 Supervised By :Ankita Jodhani 02/08/2022

Integration File: calibration.e
 Quant Time: Feb 08 03:26:00 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...	14.422	6227738	47.657 ug/mlm
Target Compounds			
1) N-OCTANE	2.144	7608573	55.038 ug/mlm
2) N-DECANE	4.205	8157788	57.681 ug/ml
3) N-DODECANE	6.212	8113719	56.700 ug/ml
4) N-TETRADECANE	8.000	8048151	54.769 ug/ml
5) N-HEXADECANE	9.594	7921766	52.955 ug/ml
6) N-OCTADECANE	11.030	7943081	51.522 ug/ml
7) N-EICOSANE	12.334	7483994	49.510 ug/mlm
8) N-DOCOSANE	13.527	7240632	48.687 ug/ml
10) N-TETRACOSANE	14.627	7068483	47.664 ug/ml
11) N-HEXACOSANE	15.644	6893578	47.149 ug/ml
12) N-OCTACOSANE	16.590	6859009	47.250 ug/ml
13) N-TRIACONTANE	17.475	6830957	47.741 ug/mlm
14) N-DOTRIACONTANE	18.304	6803388	49.995 ug/mlm
15) N-TETRATRIACONTANE	19.083	6494206	54.677 ug/mlm
16) N-HEXATRIACONTANE	19.821	6004220	58.235 ug/mlm
17) N-OCTATRIACONTANE	20.522	5097657	57.166 ug/mlm
18) N-TETRACONTANE	21.335	4937724	54.358 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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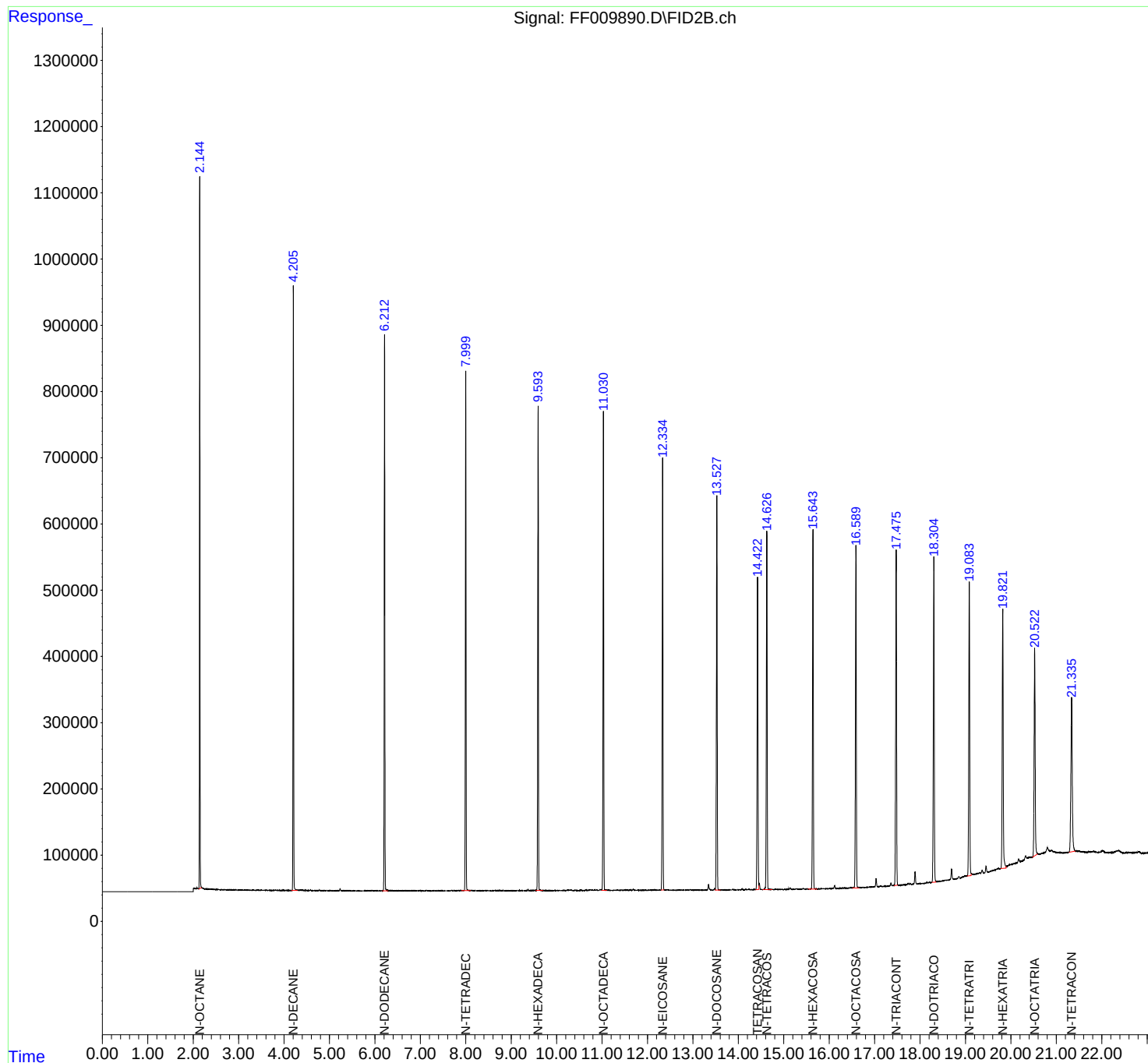
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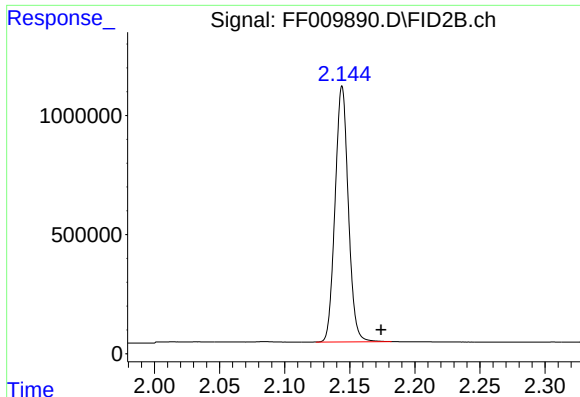
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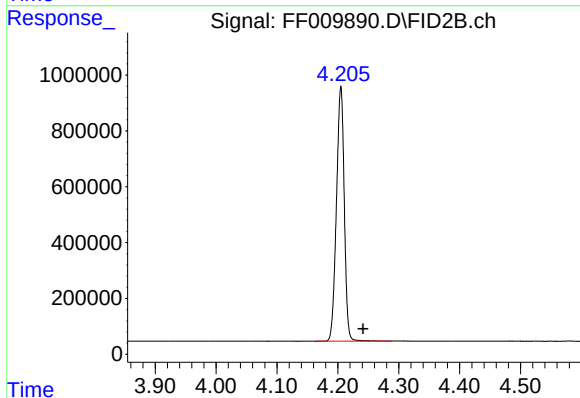
#1 N-OCTANE

R.T.: 2.144 min
Delta R.T.: -0.030 min
Response: 7608573
Conc: 55.04 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

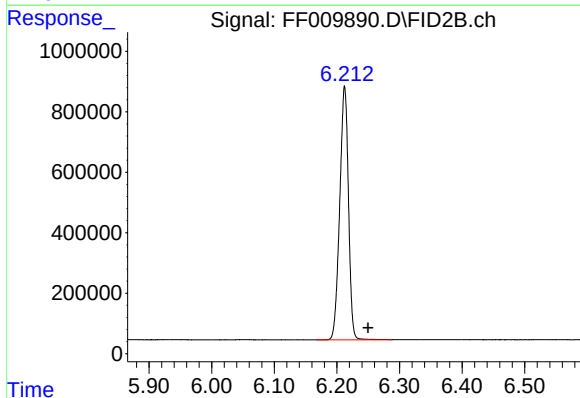
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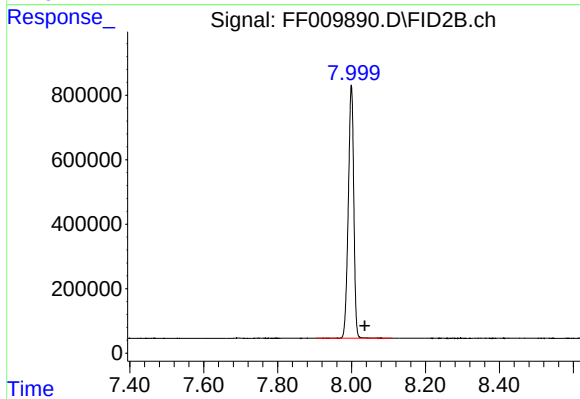
#2 N-DECANE

R.T.: 4.205 min
Delta R.T.: -0.036 min
Response: 8157788
Conc: 57.68 ug/ml



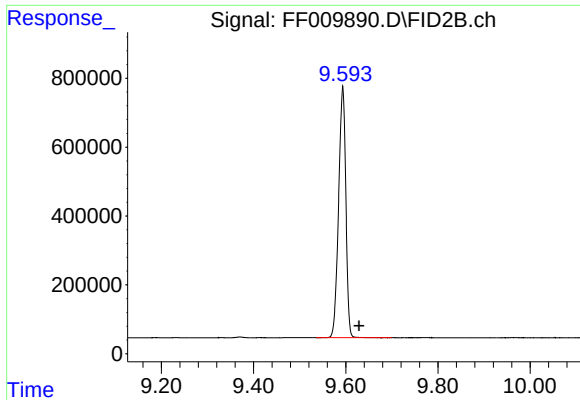
#3 N-DODECANE

R.T.: 6.212 min
Delta R.T.: -0.038 min
Response: 8113719
Conc: 56.70 ug/ml



#4 N-TETRADECANE

R.T.: 8.000 min
Delta R.T.: -0.036 min
Response: 8048151
Conc: 54.77 ug/ml



#5 N-HEXADECANE

R.T.: 9.594 min
Delta R.T.: -0.035 min
Response: 7921766
Conc: 52.96 ug/ml

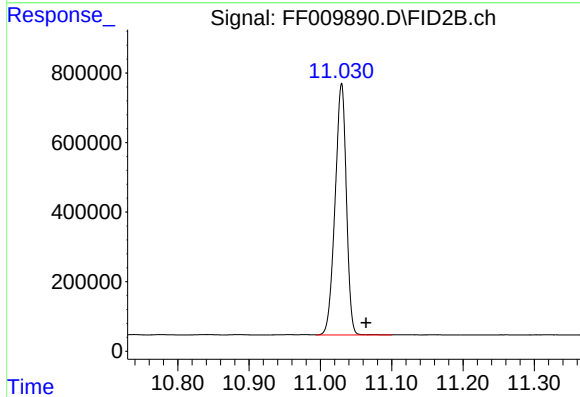
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

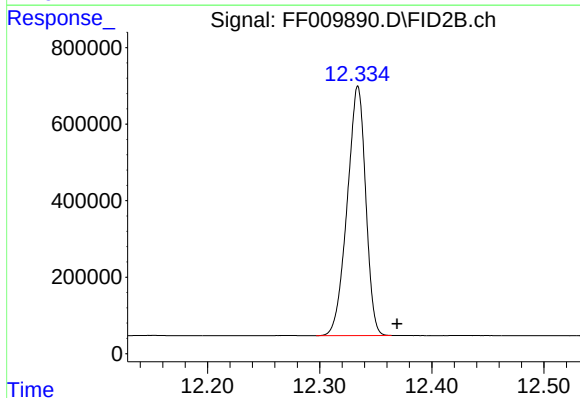
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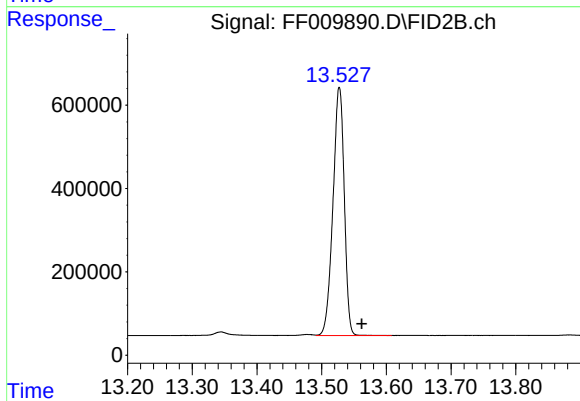
#6 N-OCTADECANE

R.T.: 11.030 min
Delta R.T.: -0.034 min
Response: 7943081
Conc: 51.52 ug/ml



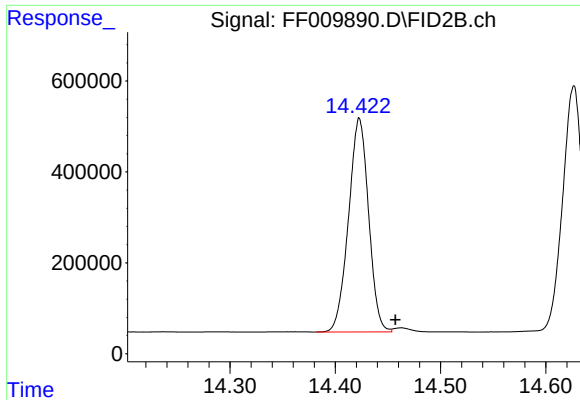
#7 N-EICOSANE

R.T.: 12.334 min
Delta R.T.: -0.035 min
Response: 7483994
Conc: 49.51 ug/ml m



#8 N-DOCOSANE

R.T.: 13.527 min
Delta R.T.: -0.035 min
Response: 7240632
Conc: 48.69 ug/ml



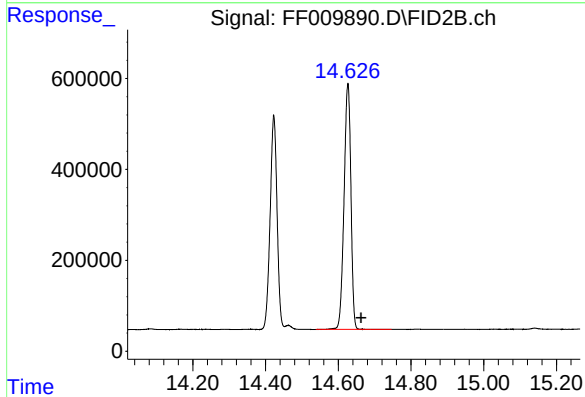
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.422 min
Delta R.T.: -0.035 min
Response: 6227738
Conc: 47.66 ug/ml

Instrument :
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50 PPM TRPH STD

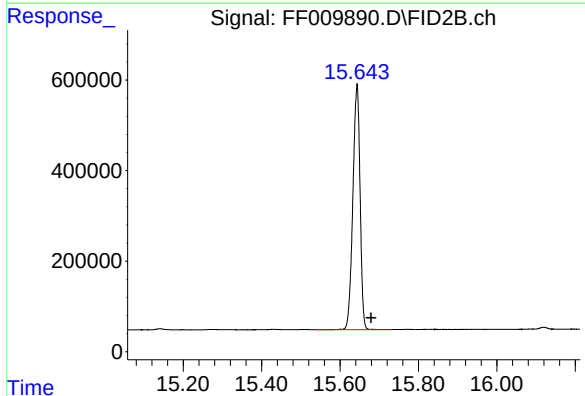
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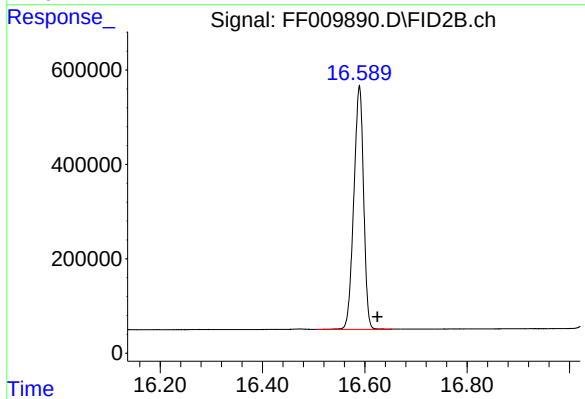
#10 N-TETRACOSANE

R.T.: 14.627 min
Delta R.T.: -0.036 min
Response: 7068483
Conc: 47.66 ug/ml



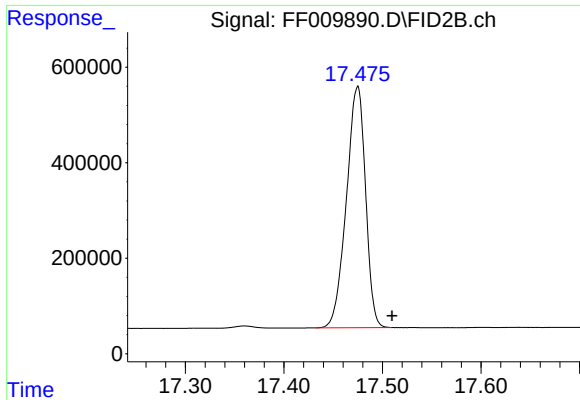
#11 N-HEXACOSANE

R.T.: 15.644 min
Delta R.T.: -0.036 min
Response: 6893578
Conc: 47.15 ug/ml



#12 N-OCTACOSANE

R.T.: 16.590 min
Delta R.T.: -0.035 min
Response: 6859009
Conc: 47.25 ug/ml



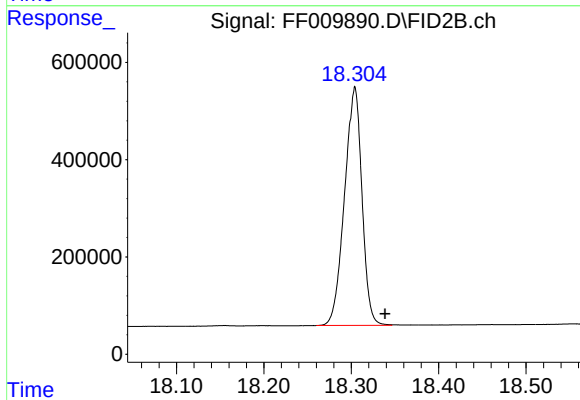
#13 N-TRIACONTANE

R.T.: 17.475 min
Delta R.T.: -0.035 min
Response: 6830957
Conc: 47.74 ug/ml

Instrument :
FID_F
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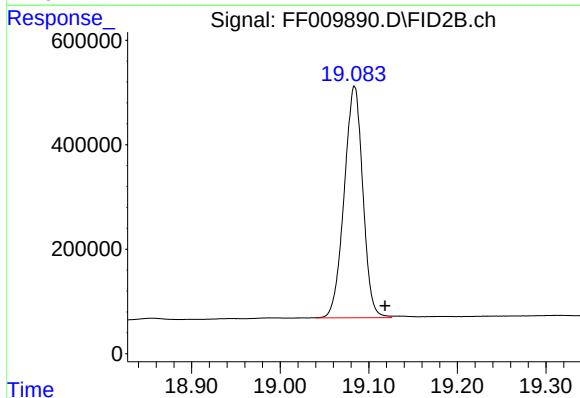
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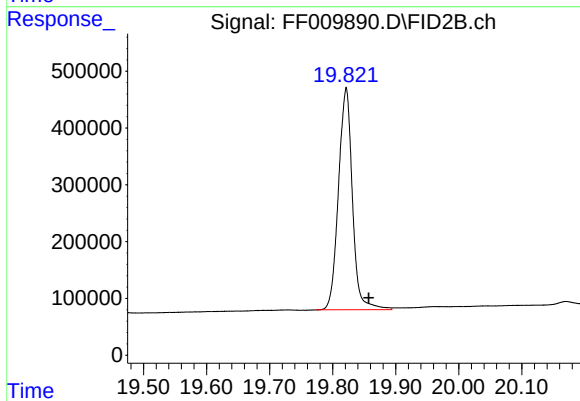
#14 N-DOTRIACONTANE

R.T.: 18.304 min
Delta R.T.: -0.035 min
Response: 6803388
Conc: 50.00 ug/ml m



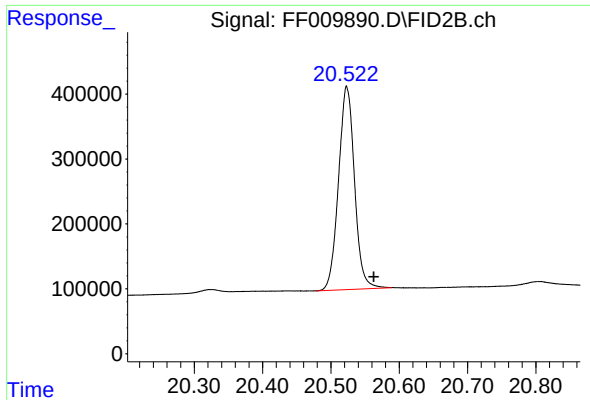
#15 N-TETRATRIACONTANE

R.T.: 19.083 min
Delta R.T.: -0.036 min
Response: 6494206
Conc: 54.68 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.821 min
Delta R.T.: -0.036 min
Response: 6004220
Conc: 58.24 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.522 min
Delta R.T.: -0.041 min
Response: 5097657
Conc: 57.17 ug/ml

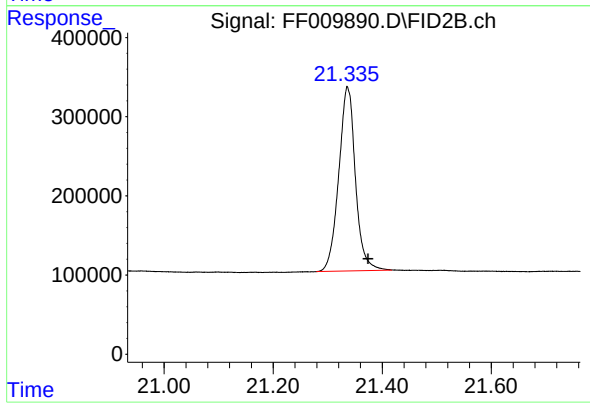
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#18 N-TETRACONTANE

R.T.: 21.335 min
Delta R.T.: -0.039 min
Response: 4937724
Conc: 54.36 ug/ml m