

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031822\
 Data File : FE035442.D
 Signal(s) : FID1B.CH
 Acq On : 19 Mar 2022 13:23
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/21/2022
 Supervised By :mohammad ahmed 03/21/2022

Integration File: Sample.e
 Quant Time: Mar 20 22:50:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE030922.M
 Quant Title :
 QLast Update : Wed Mar 09 13:31:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	14.456	4118443	45.995 ug/ml
Target Compounds			
1) N-OCTANE	2.180	5815764	50.503 ug/ml
2) N-DECANE	4.237	5546303	49.111 ug/mlm
3) N-DODECANE	6.247	5320045	48.070 ug/mlm
4) N-TETRADECANE	8.034	5250560	45.874 ug/mlm
5) N-HEXADECANE	9.628	5131180	45.342 ug/ml
6) N-OCTADECANE	11.062	5113407	45.075 ug/ml
7) N-EICOSANE	12.367	4861764	45.032 ug/ml
8) N-DOCOSANE	13.560	4744453	45.382 ug/ml
10) N-TETRACOSANE	14.659	4657820	46.037 ug/ml
11) N-HEXACOSANE	15.676	4611084	47.293 ug/ml
12) N-OCTACOSANE	16.621	4613686	49.167 ug/ml
13) N-TRIACONTANE	17.506	4610315	50.898 ug/ml
14) N-DOTRIACONTANE	18.334	4651197	52.919 ug/ml
15) N-TETRATRIACONTANE	19.115	4682158	54.639 ug/ml
16) N-HEXATRIACONTANE	19.850	4552402	57.607 ug/mlm
17) N-OCTATRIACONTANE	20.554	4229104	59.494 ug/mlm
18) N-TETRACONTANE	21.372	4130573	60.067 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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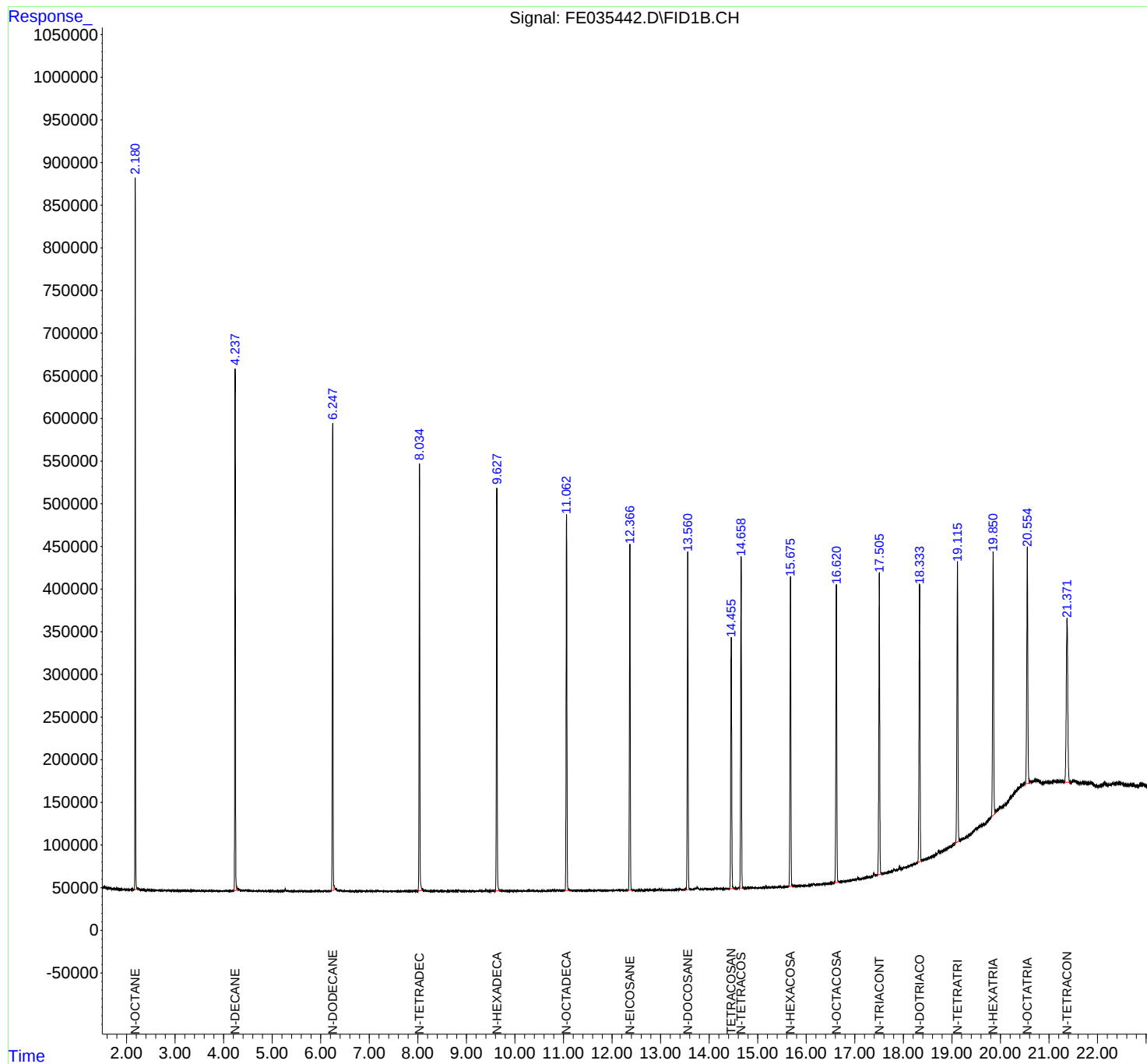
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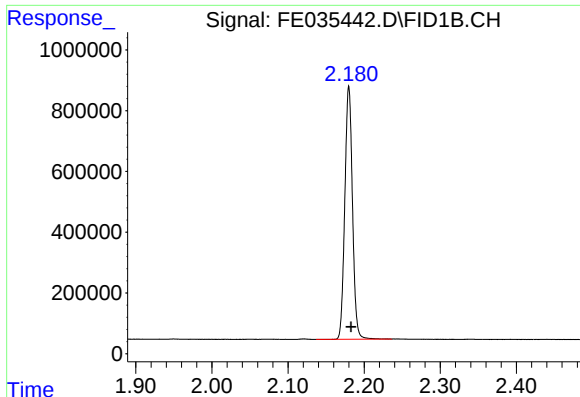
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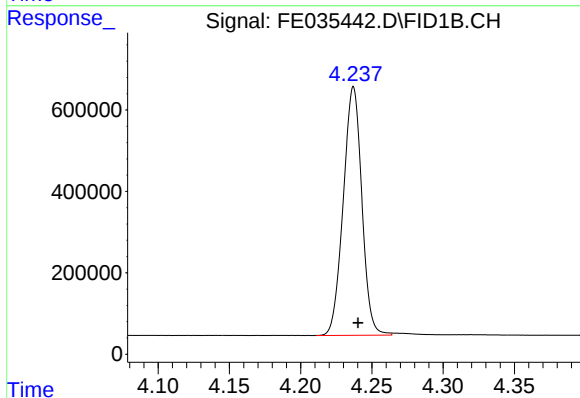
#1 N-OCTANE

R.T.: 2.180 min
Delta R.T.: -0.003 min
Response: 5815764
Conc: 50.50 ug/ml

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FID_E
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50 PPM TRPH STD

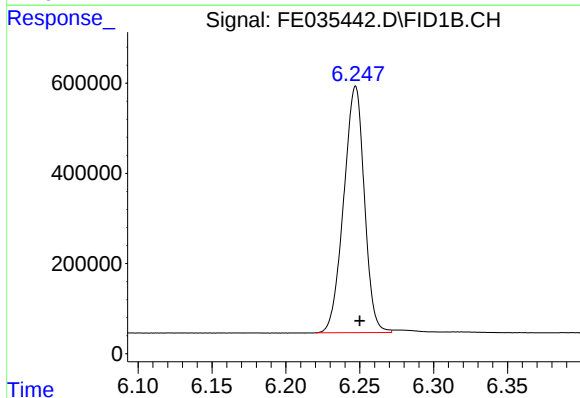
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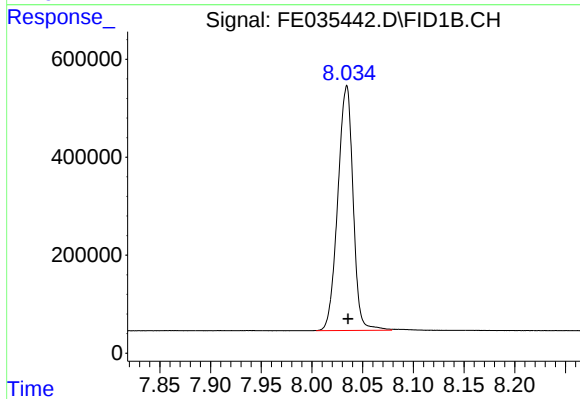
#2 N-DECANE

R.T.: 4.237 min
Delta R.T.: -0.004 min
Response: 5546303
Conc: 49.11 ug/ml m



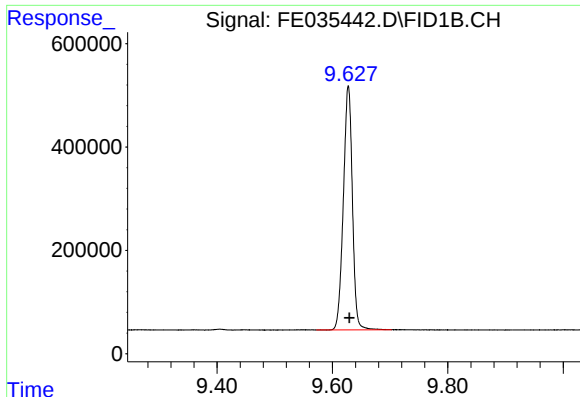
#3 N-DODECANE

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 5320045
Conc: 48.07 ug/ml m



#4 N-TETRADECANE

R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 5250560
Conc: 45.87 ug/ml m



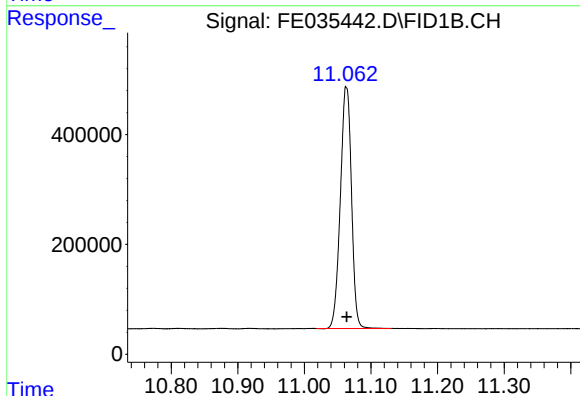
#5 N-HEXADECANE

R.T.: 9.628 min
Delta R.T.: -0.002 min
Response: 5131180
Conc: 45.34 ug/ml

Instrument :
FID_E
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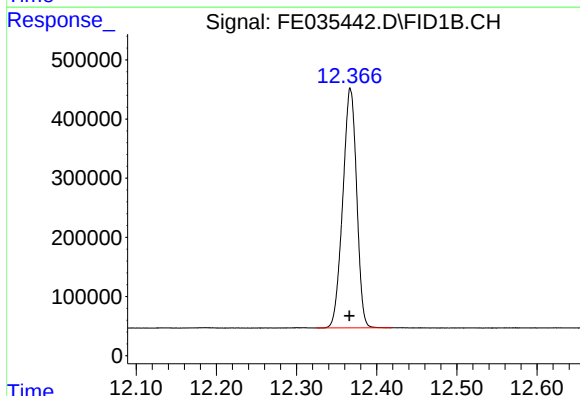
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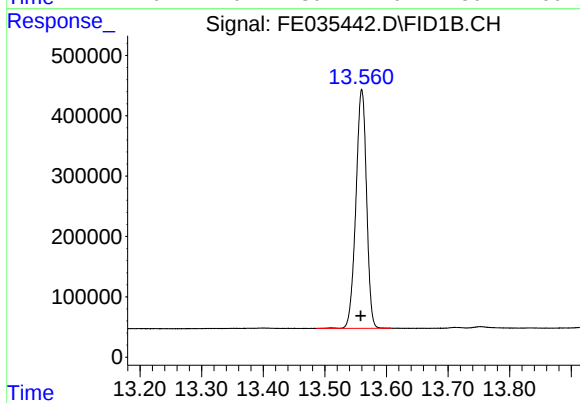
#6 N-OCTADECANE

R.T.: 11.062 min
Delta R.T.: -0.001 min
Response: 5113407
Conc: 45.07 ug/ml



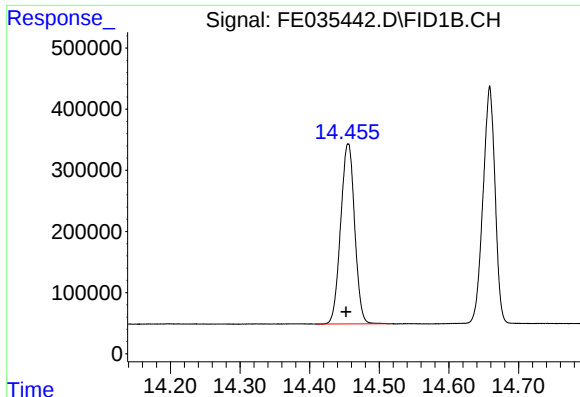
#7 N-EICOSANE

R.T.: 12.367 min
Delta R.T.: 0.001 min
Response: 4861764
Conc: 45.03 ug/ml



#8 N-DOCOSANE

R.T.: 13.560 min
Delta R.T.: 0.002 min
Response: 4744453
Conc: 45.38 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.456 min
Delta R.T.: 0.003 min
Response: 4118443
Conc: 45.99 ug/ml

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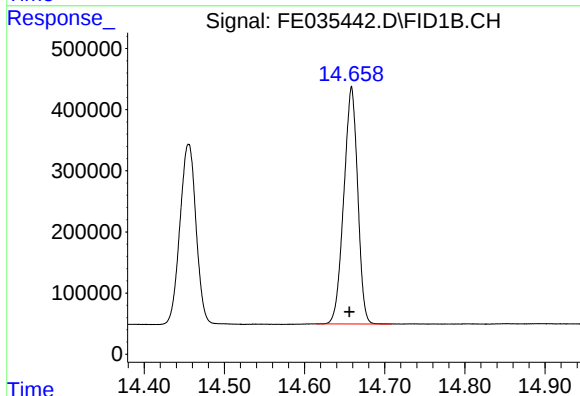
50 PPM TRPH STD

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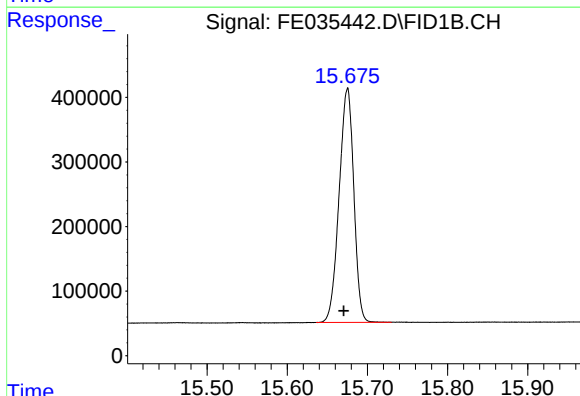
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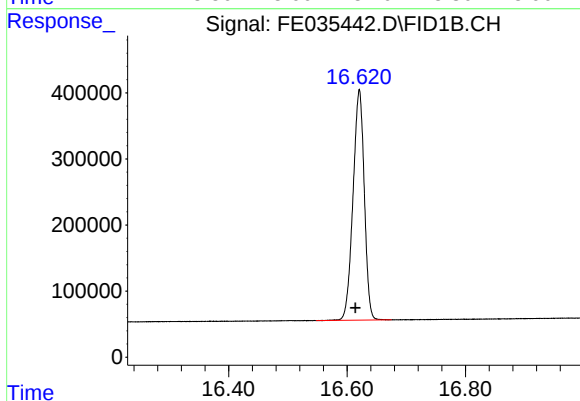
#10 N-TETRACOSANE

R.T.: 14.659 min
Delta R.T.: 0.003 min
Response: 4657820
Conc: 46.04 ug/ml



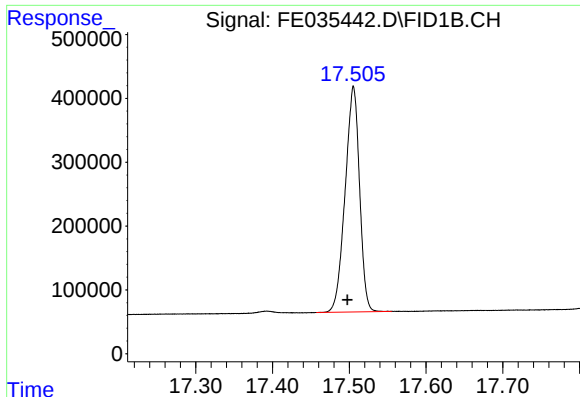
#11 N-HEXACOSANE

R.T.: 15.676 min
Delta R.T.: 0.005 min
Response: 4611084
Conc: 47.29 ug/ml



#12 N-OCTACOSANE

R.T.: 16.621 min
Delta R.T.: 0.007 min
Response: 4613686
Conc: 49.17 ug/ml



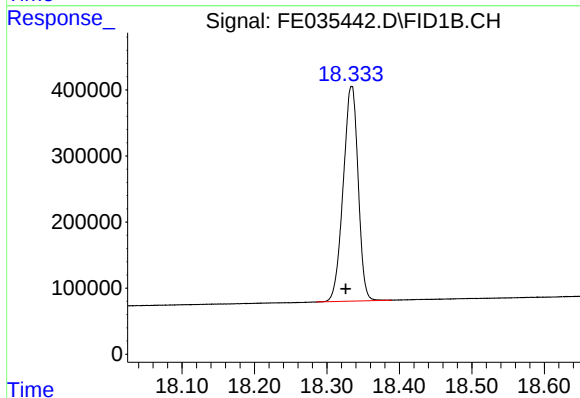
#13 N-TRIACONTANE

R.T.: 17.506 min
Delta R.T.: 0.008 min
Response: 4610315
Conc: 50.90 ug/ml

Instrument :
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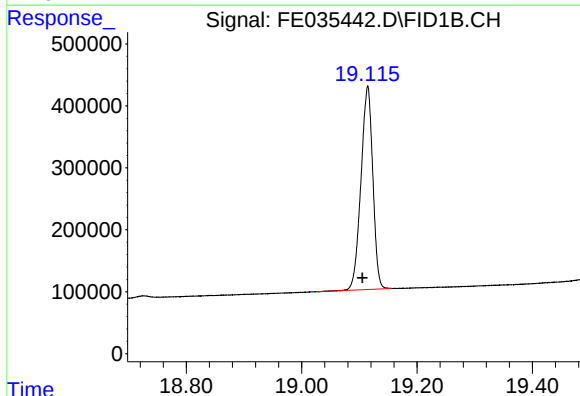
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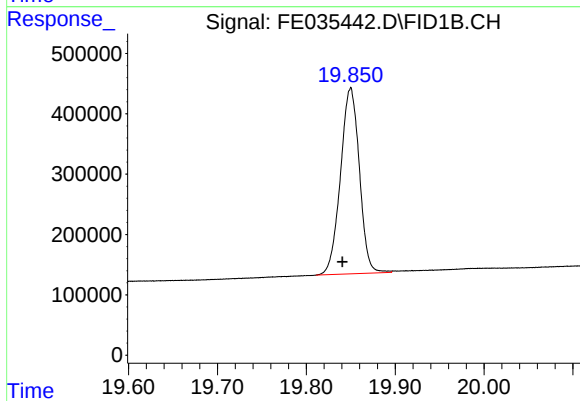
#14 N-DOTRIACONTANE

R.T.: 18.334 min
Delta R.T.: 0.008 min
Response: 4651197
Conc: 52.92 ug/ml



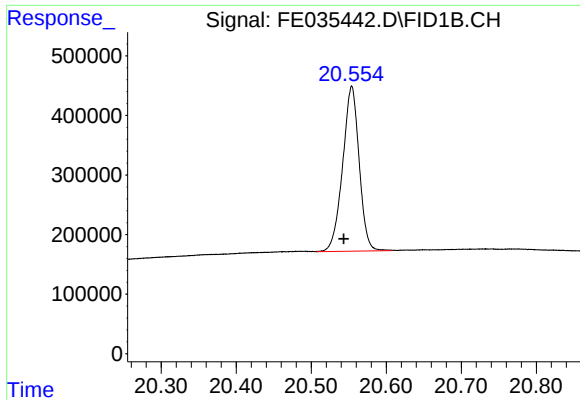
#15 N-TETRATRIACONTANE

R.T.: 19.115 min
Delta R.T.: 0.009 min
Response: 4682158
Conc: 54.64 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.850 min
Delta R.T.: 0.009 min
Response: 4552402
Conc: 57.61 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.554 min
Delta R.T.: 0.010 min
Response: 4229104
Conc: 59.49 ug/ml

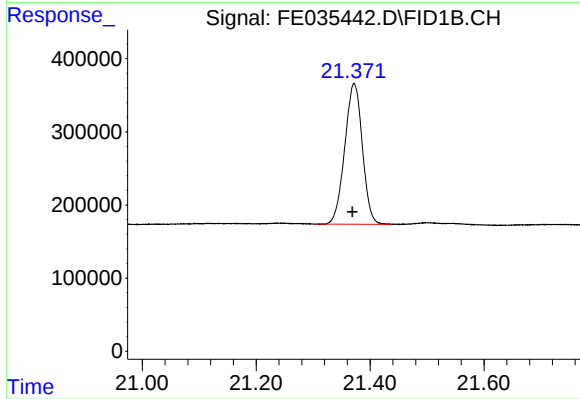
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#18 N-TETRACONTANE

R.T.: 21.372 min
Delta R.T.: 0.003 min
Response: 4130573
Conc: 60.07 ug/ml