

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050924\
 Data File : FE048054.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2024 19:51
 Operator : YP\AJ
 Sample : FE050924ICV
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 FE050924ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
 Quant Time: May 10 11:46:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050924.M
 Quant Title :
 QLast Update : Fri May 10 11:42:50 2024
 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...	15.053	5341294	46.332 ug/ml
Target Compounds			
1) N-OCTANE	2.075	6736616	47.719 ug/ml
2) N-DECANE	4.599	6596698	47.497 ug/ml
3) N-DODECANE	6.767	6492686	47.290 ug/ml
4) N-TETRADECANE	8.595	6324283	46.498 ug/ml
5) N-HEXADECANE	10.202	6305297	46.994 ug/ml
6) N-OCTADECANE	11.646	6315134	46.777 ug/ml
7) N-EICOSANE	12.956	6340102	46.406 ug/ml
8) N-DOCOSANE	14.154	6095415	46.296 ug/ml
10) N-TETRACOSANE	15.256	6053681	46.238 ug/ml
11) N-HEXACOSANE	16.277	6037358	46.400 ug/ml
12) N-OCTACOSANE	17.227	6006195	46.488 ug/ml
13) N-TRIACONTANE	18.113	6120933	46.041 ug/ml
14) N-DOTRIACONTANE	18.946	6162787	42.854 ug/ml
15) N-TETRATRIACONTANE	19.729	5902937	43.530 ug/ml
16) N-HEXATRIACONTANE	20.470	5740663	43.875 ug/ml
17) N-OCTATRIACONTANE	21.210	5378178	42.518 ug/ml
18) N-TETRACONTANE	22.135	5142150	40.765 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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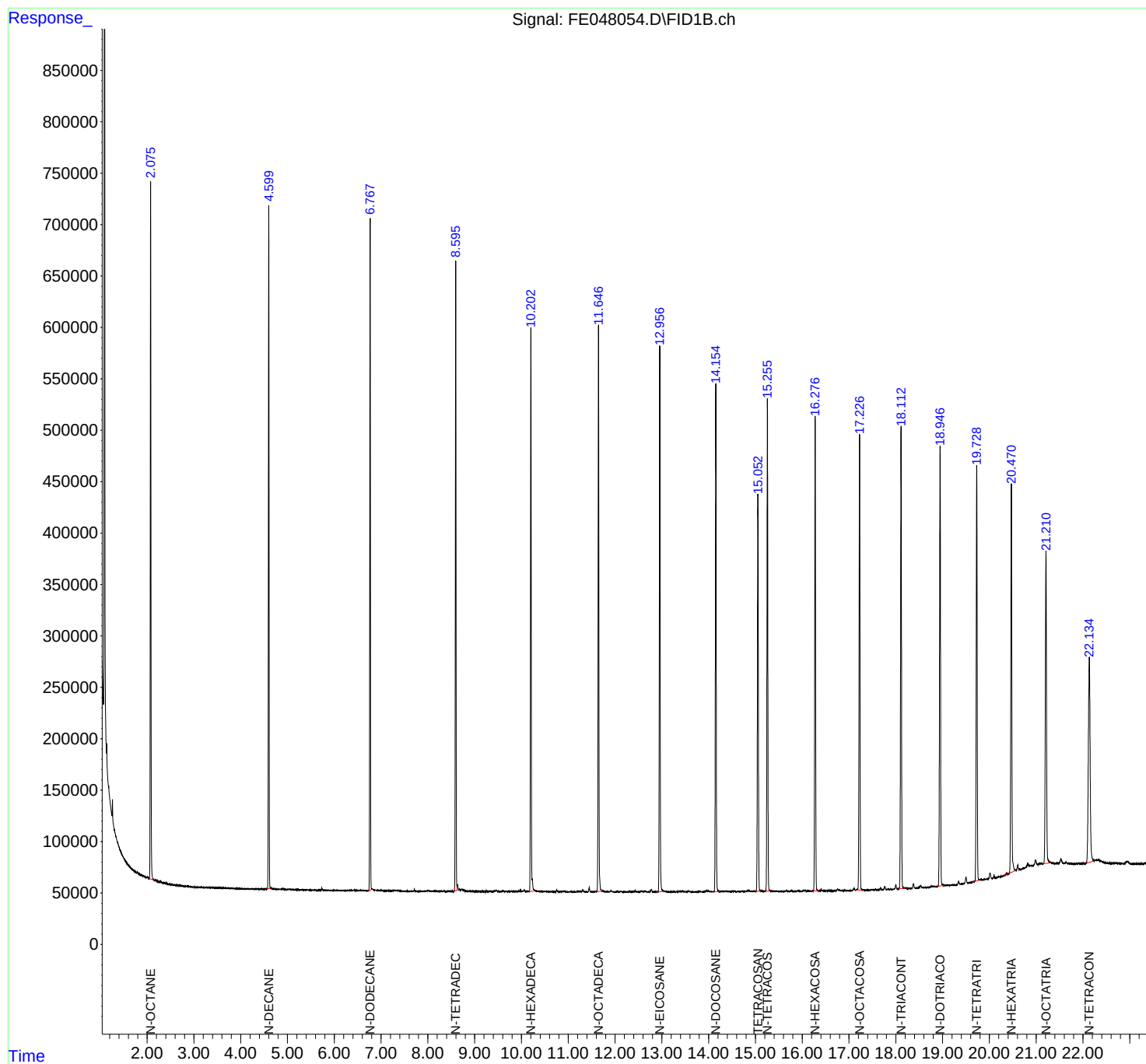
APPROVED

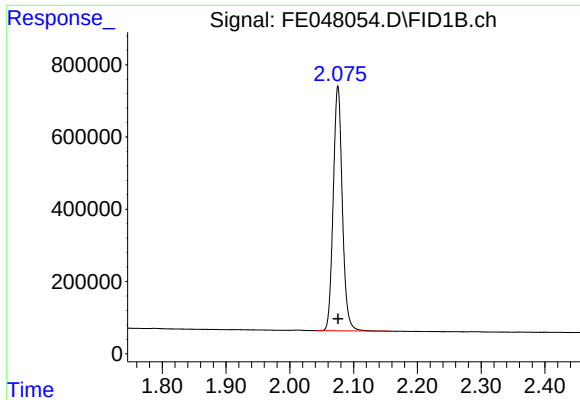
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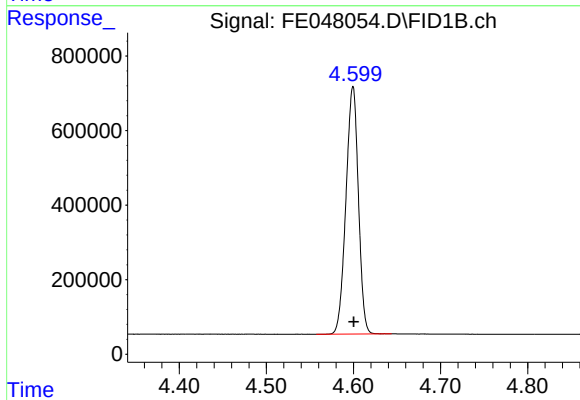
#1 N-OCTANE

R.T.: 2.075 min
Delta R.T.: 0.000 min
Response: 6736616
Conc: 47.72 ug/ml

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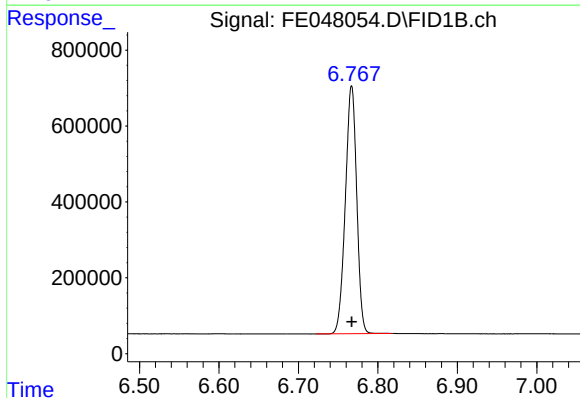
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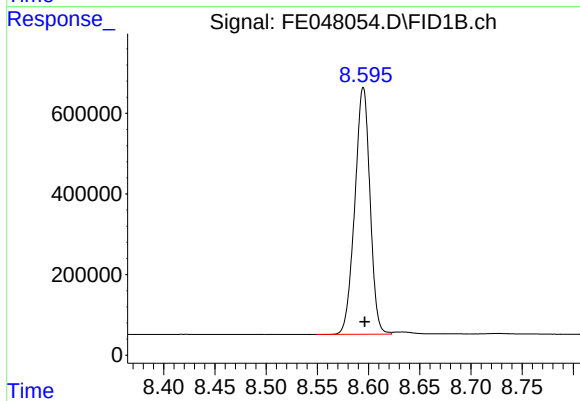
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 6596698
Conc: 47.50 ug/ml



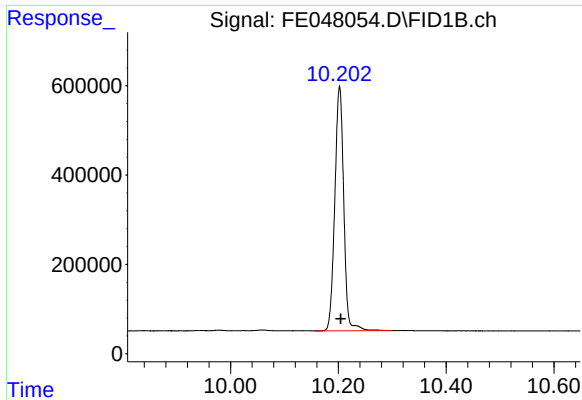
#3 N-DODECANE

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 6492686
Conc: 47.29 ug/ml



#4 N-TETRADECANE

R.T.: 8.595 min
Delta R.T.: -0.001 min
Response: 6324283
Conc: 46.50 ug/ml



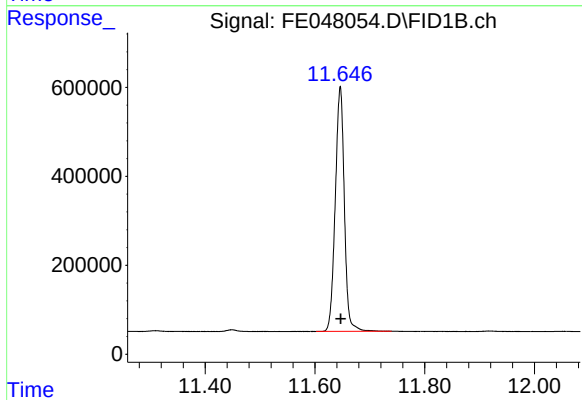
#5 N-HEXADECANE

R.T.: 10.202 min
Delta R.T.: -0.002 min
Response: 6305297
Conc: 46.99 ug/ml

Instrument :
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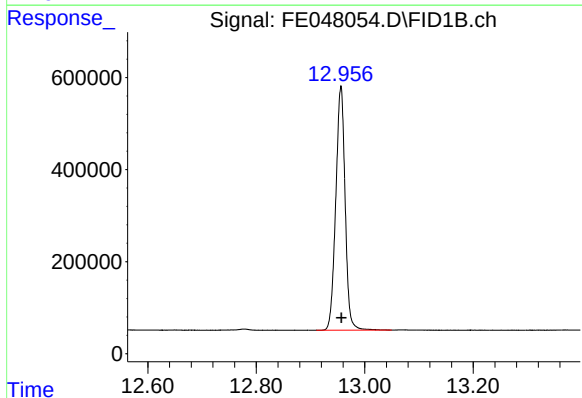
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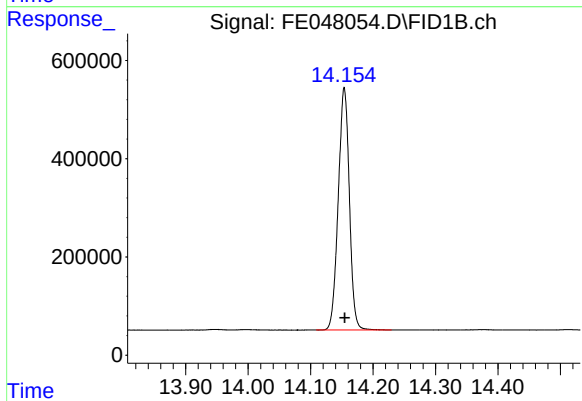
#6 N-OCTADECANE

R.T.: 11.646 min
Delta R.T.: 0.000 min
Response: 6315134
Conc: 46.78 ug/ml



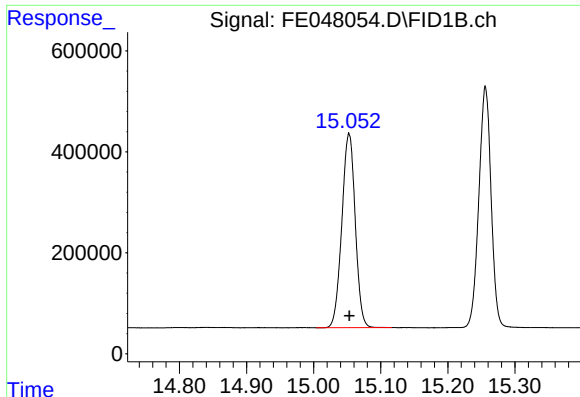
#7 N-EICOSANE

R.T.: 12.956 min
Delta R.T.: -0.001 min
Response: 6340102
Conc: 46.41 ug/ml



#8 N-DOCOSANE

R.T.: 14.154 min
Delta R.T.: 0.000 min
Response: 6095415
Conc: 46.30 ug/ml



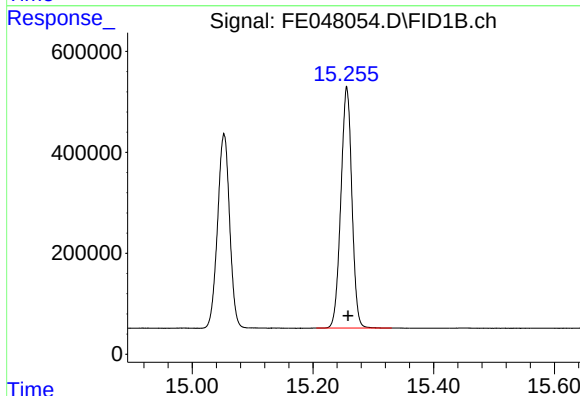
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.053 min
Delta R.T.: 0.000 min
Response: 5341294
Conc: 46.33 ug/ml

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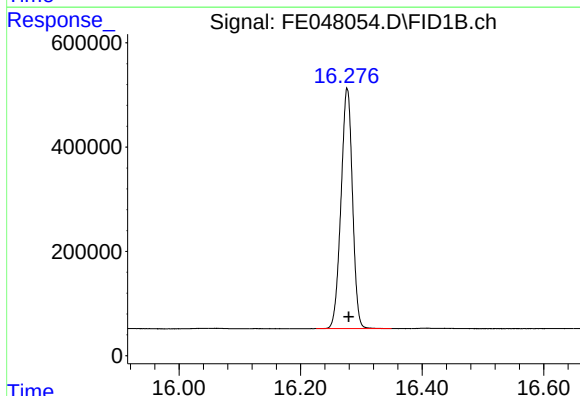
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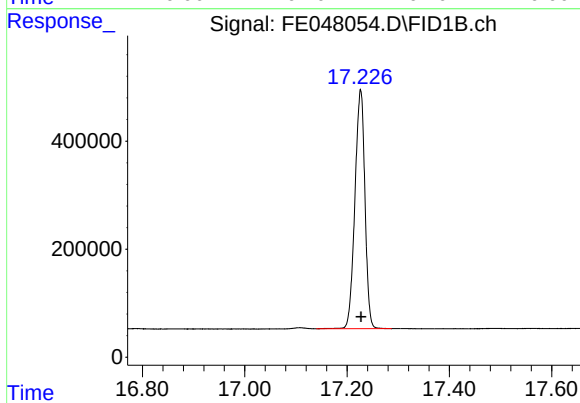
#10 N-TETRACOSANE

R.T.: 15.256 min
Delta R.T.: -0.002 min
Response: 6053681
Conc: 46.24 ug/ml



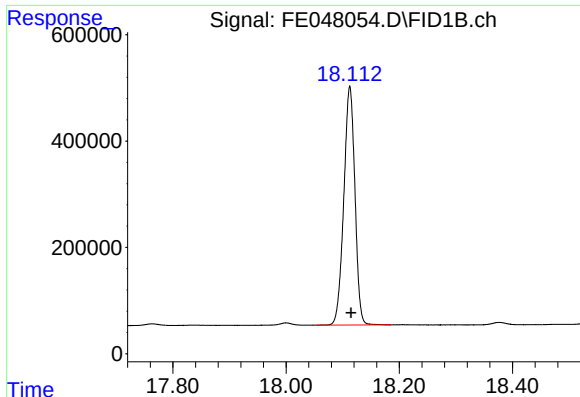
#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: -0.002 min
Response: 6037358
Conc: 46.40 ug/ml



#12 N-OCTACOSANE

R.T.: 17.227 min
Delta R.T.: 0.000 min
Response: 6006195
Conc: 46.49 ug/ml



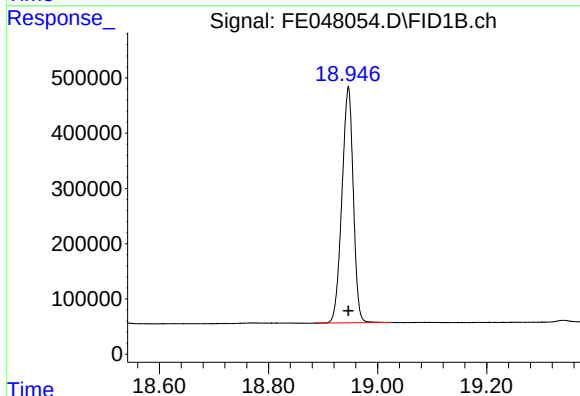
#13 N-TRIACONTANE

R.T.: 18.113 min
Delta R.T.: -0.002 min
Response: 6120933
Conc: 46.04 ug/ml

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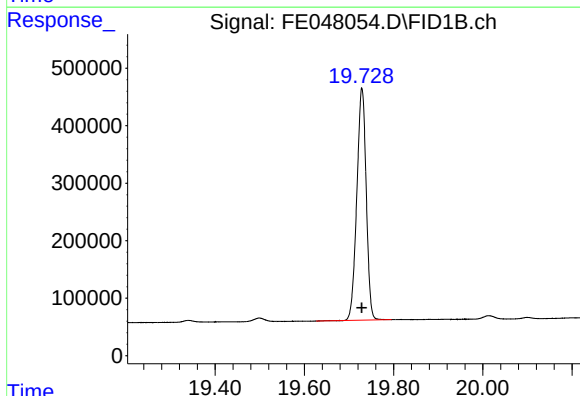
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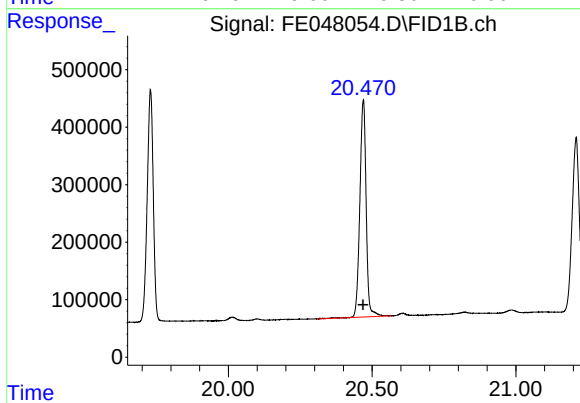
#14 N-DOTRIACONTANE

R.T.: 18.946 min
Delta R.T.: 0.000 min
Response: 6162787
Conc: 42.85 ug/ml



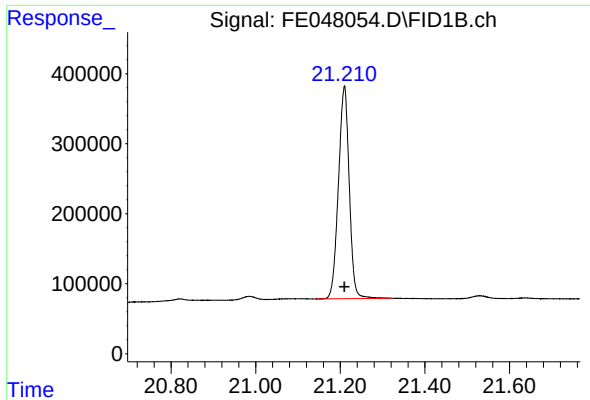
#15 N-TETRATRIACONTANE

R.T.: 19.729 min
Delta R.T.: 0.000 min
Response: 5902937
Conc: 43.53 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.470 min
Delta R.T.: 0.000 min
Response: 5740663
Conc: 43.88 ug/ml



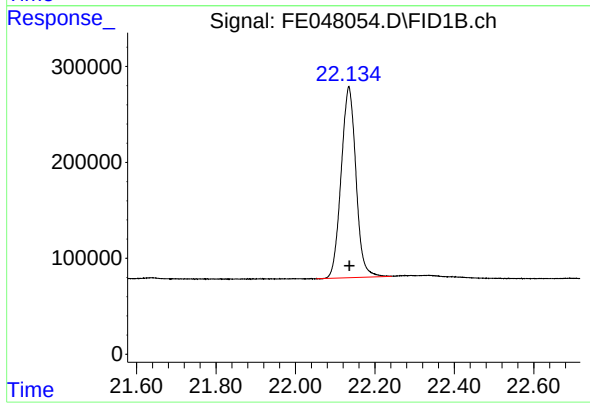
#17 N-OCTATRIACONTANE

R.T.: 21.210 min
Delta R.T.: 0.000 min
Response: 5378178
Conc: 42.52 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.135 min
Delta R.T.: -0.002 min
Response: 5142150
Conc: 40.77 ug/ml