

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011922\
 Data File : FF009709.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jan 2022 15:41
 Operator : AJ\MA
 Sample : N1170-01MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SP25-06-20220114-11.0-11.5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/20/2022
 Supervised By :Ankita Jodhani 01/21/2022

Integration File: autoint1.e
 Quant Time: Jan 20 02:14:11 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...	14.449	1854697	14.193 ug/mlm
Target Compounds			
1) N-OCTANE	2.175	2193987	15.871 ug/ml
2) N-DECANE	4.237	2400026	16.970 ug/ml
3) N-DODECANE	6.242	2483989	17.358 ug/ml
4) N-TETRADECANE	8.027	2687217	18.287 ug/ml
5) N-HEXADECANE	9.618	3012375	20.137 ug/mlm
6) N-OCTADECANE	11.056	4386979	28.456 ug/mlm
7) N-EICOSANE	12.361	2998004	19.833 ug/ml
8) N-DOCOSANE	13.552	2785825	18.732 ug/mlm
10) N-TETRACOSANE	14.635	5454399	36.780 ug/mlm
11) N-HEXACOSANE	15.668	2519840	17.235 ug/mlm
12) N-OCTACOSANE	16.612	2706456	18.644 ug/mlm
13) N-TRIACONTANE	17.497	2341558	16.365 ug/mlm
14) N-DOTRIACONTANE	18.326	2897938	21.296 ug/mlm
15) N-TETRATRIACONTANE	19.106	2167949	18.253 ug/mlm
16) N-HEXATRIACONTANE	19.844	2405663	23.333 ug/ml
17) N-OCTATRIACONTANE	20.549	2030505	22.770 ug/ml
18) N-TETRACONTANE	21.367	2277726	25.075 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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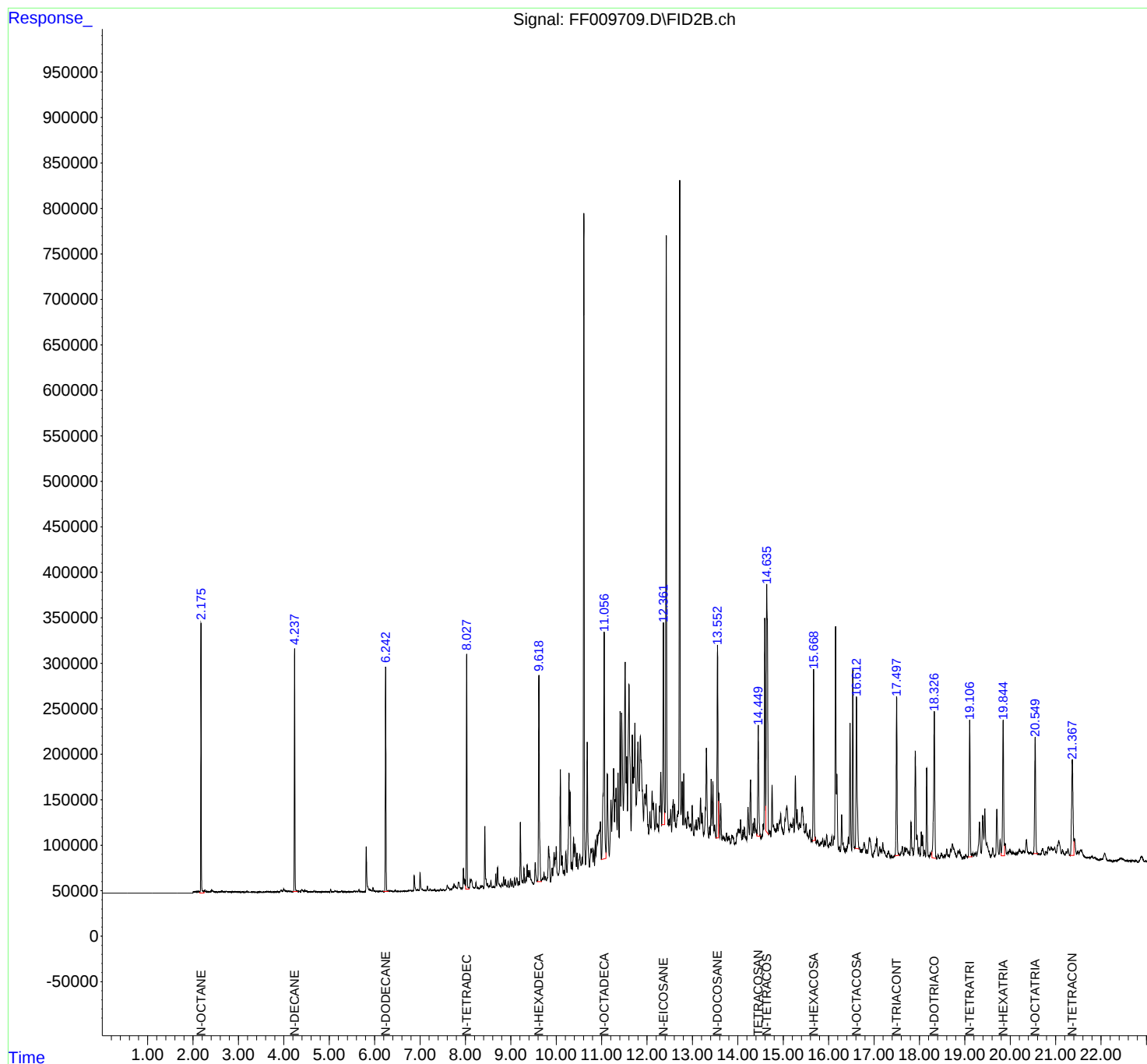
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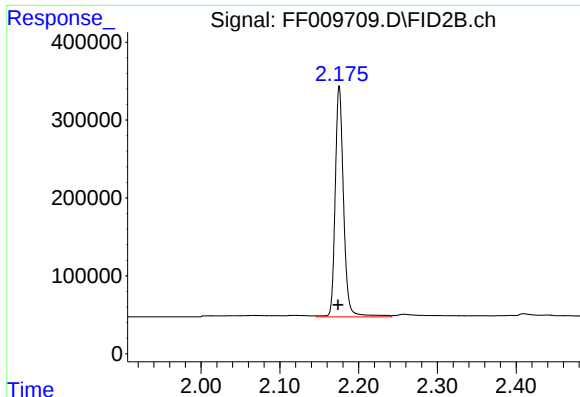
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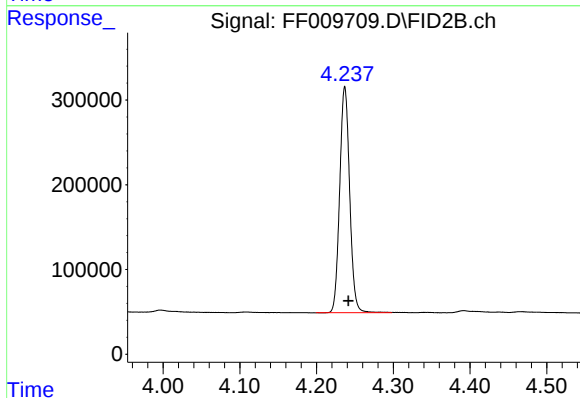
#1 N-OCTANE

R.T.: 2.175 min
Delta R.T.: 0.001 min
Response: 2193987
Conc: 15.87 ug/ml

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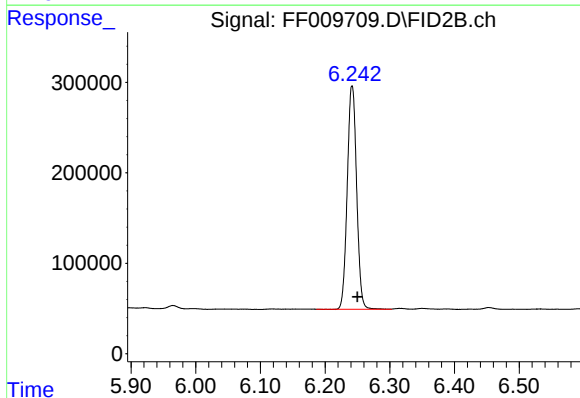
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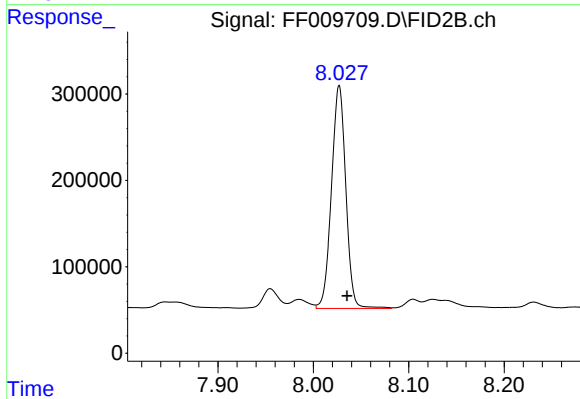
#2 N-DECANE

R.T.: 4.237 min
Delta R.T.: -0.004 min
Response: 2400026
Conc: 16.97 ug/ml



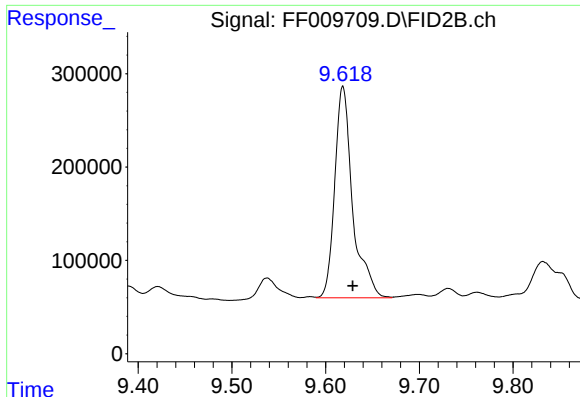
#3 N-DODECANE

R.T.: 6.242 min
Delta R.T.: -0.008 min
Response: 2483989
Conc: 17.36 ug/ml



#4 N-TETRADECANE

R.T.: 8.027 min
Delta R.T.: -0.008 min
Response: 2687217
Conc: 18.29 ug/ml



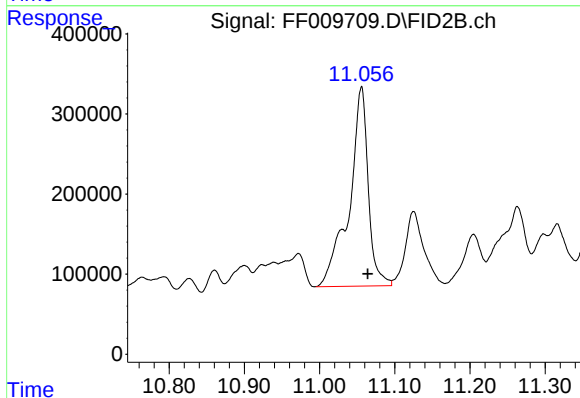
#5 N-HEXADECANE

R.T.: 9.618 min
Delta R.T.: -0.011 min
Response: 3012375
Conc: 20.14 ug/ml

Instrument : FID_F
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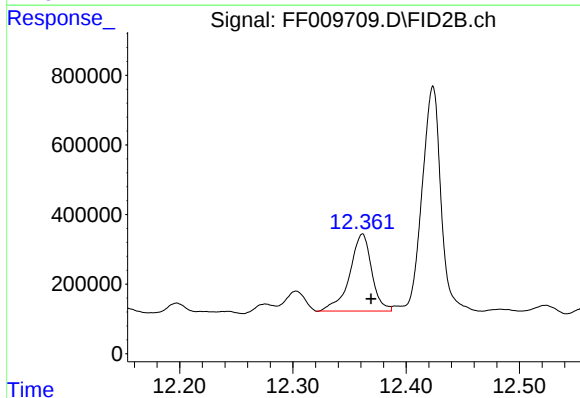
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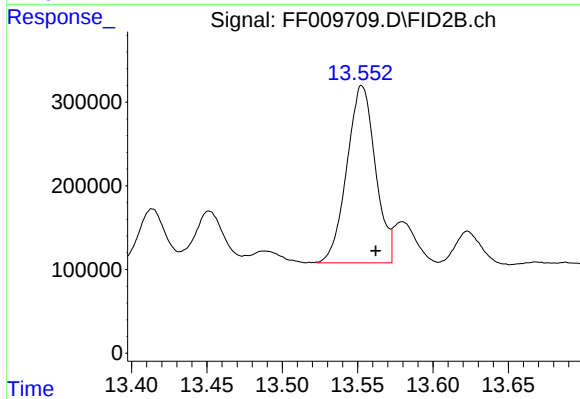
#6 N-OCTADECANE

R.T.: 11.056 min
Delta R.T.: -0.008 min
Response: 4386979
Conc: 28.46 ug/ml m



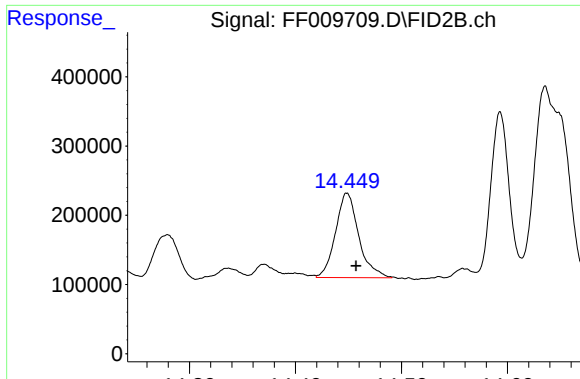
#7 N-EICOSANE

R.T.: 12.361 min
Delta R.T.: -0.008 min
Response: 2998004
Conc: 19.83 ug/ml



#8 N-DOCOSANE

R.T.: 13.552 min
Delta R.T.: -0.010 min
Response: 2785825
Conc: 18.73 ug/ml m



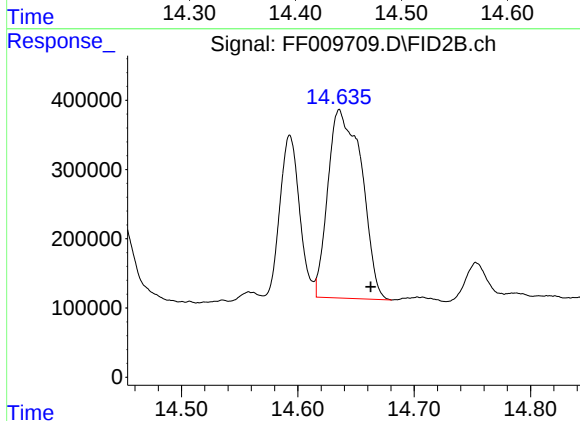
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.449 min
Delta R.T.: -0.008 min
Response: 1854697
Conc: 14.19 ug/ml

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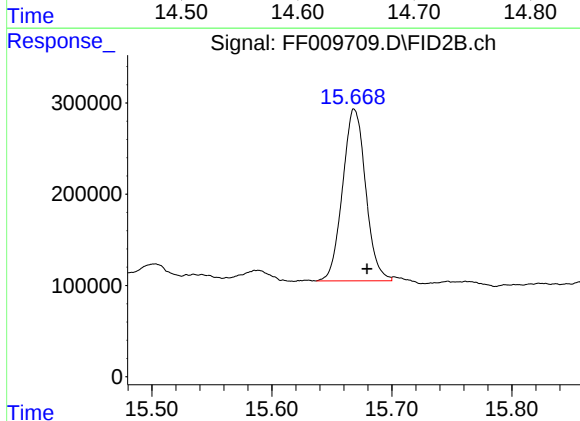
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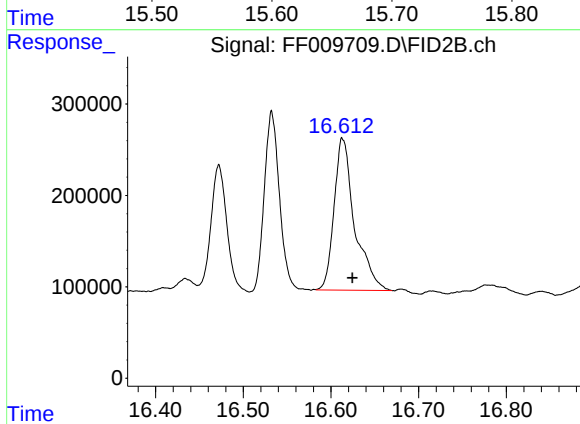
#10 N-TETRACOSANE

R.T.: 14.635 min
Delta R.T.: -0.027 min
Response: 5454399
Conc: 36.78 ug/ml m



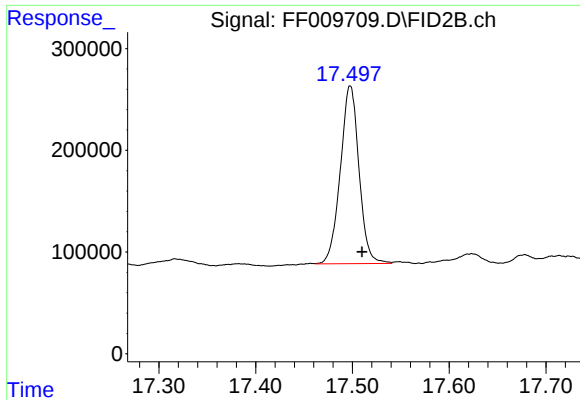
#11 N-HEXACOSANE

R.T.: 15.668 min
Delta R.T.: -0.012 min
Response: 2519840
Conc: 17.23 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.612 min
Delta R.T.: -0.012 min
Response: 2706456
Conc: 18.64 ug/ml m



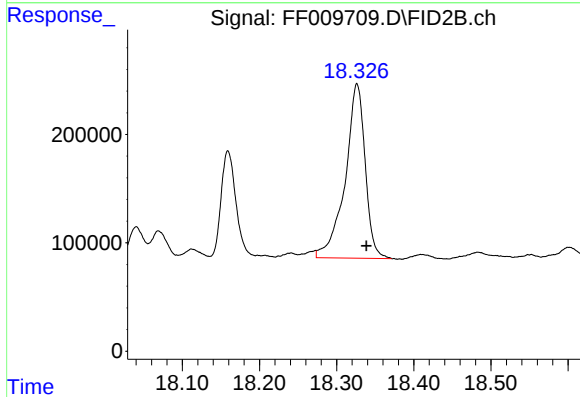
#13 N-TRIACONTANE

R.T.: 17.497 min
Delta R.T.: -0.013 min
Response: 2341558
Conc: 16.36 ug/ml

Instrument : FID_F
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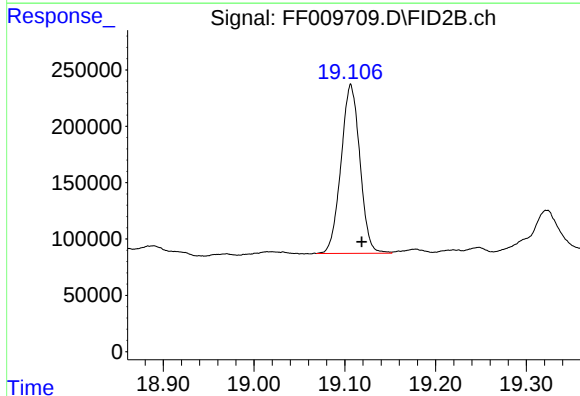
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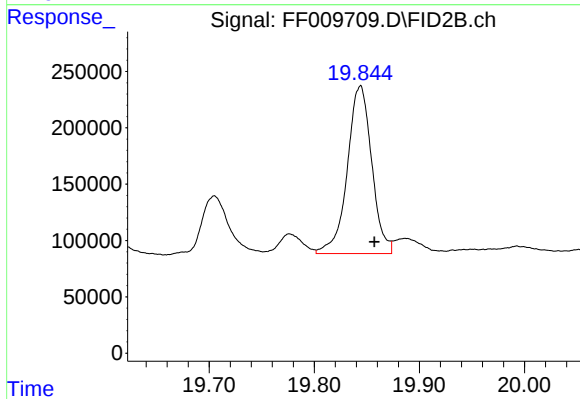
#14 N-DOTRIACONTANE

R.T.: 18.326 min
Delta R.T.: -0.013 min
Response: 2897938
Conc: 21.30 ug/ml m



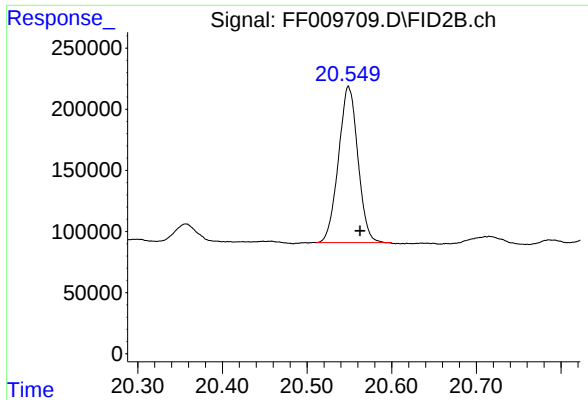
#15 N-TETRATRIACONTANE

R.T.: 19.106 min
Delta R.T.: -0.013 min
Response: 2167949
Conc: 18.25 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.844 min
Delta R.T.: -0.013 min
Response: 2405663
Conc: 23.33 ug/ml



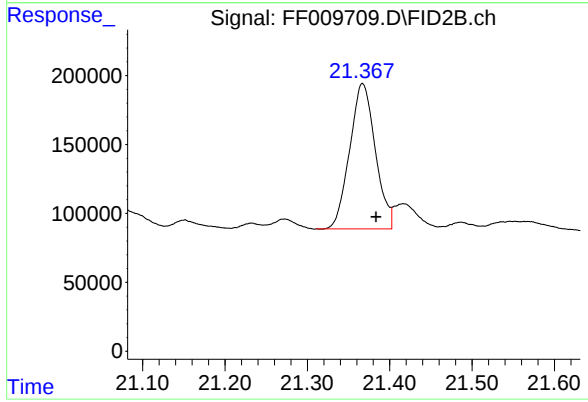
#17 N-OCTATRIACONTANE

R.T.: 20.549 min
Delta R.T.: -0.014 min
Response: 2030505
Conc: 22.77 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.367 min
Delta R.T.: -0.016 min
Response: 2277726
Conc: 25.07 ug/ml