

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF042225\
 Data File : FF015790.D
 Signal(s) : FID2B.ch
 Acq On : 22 Apr 2025 11:08
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2025
 Supervised By :mohammad ahmed 04/24/2025

Integration File: autoint1.e
 Quant Time: Apr 22 11:27:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042225.M
 Quant Title :
 QLast Update : Tue Apr 22 11:27:02 2025
 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...	15.023	738969	6.548 ug/ml
Target Compounds			
1) N-OCTANE	2.050	695245	6.133 ug/ml
2) N-DECANE	4.584	517969	5.076 ug/ml
3) N-DODECANE	6.750	585266	5.345 ug/ml
4) N-TETRADECANE	8.586	667061	5.779 ug/ml
5) N-HEXADECANE	10.185	693108	5.873 ug/ml
6) N-OCTADECANE	11.621	785015	6.240 ug/ml
7) N-EICOSANE	12.927	847618	6.497 ug/ml
8) N-DOCOSANE	14.124	829996	6.516 ug/ml
10) N-TETRACOSANE	15.227	813661	6.469 ug/ml
11) N-HEXACOSANE	16.247	777522	6.378 ug/ml
12) N-OCTACOSANE	17.198	757310	6.400 ug/ml
13) N-TRIACONTANE	18.086	762167	6.467 ug/ml
14) N-DOTRIACONTANE	18.921	734681	6.449 ug/ml
15) N-TETRATRIACONTANE	19.708	583617	5.850 ug/ml
16) N-HEXATRIACONTANE	20.454	381337	4.780 ug/ml
17) N-OCTATRIACONTANE	21.198	211616	3.727 ug/ml
18) N-TETRACONTANE	22.142	207470	5.081 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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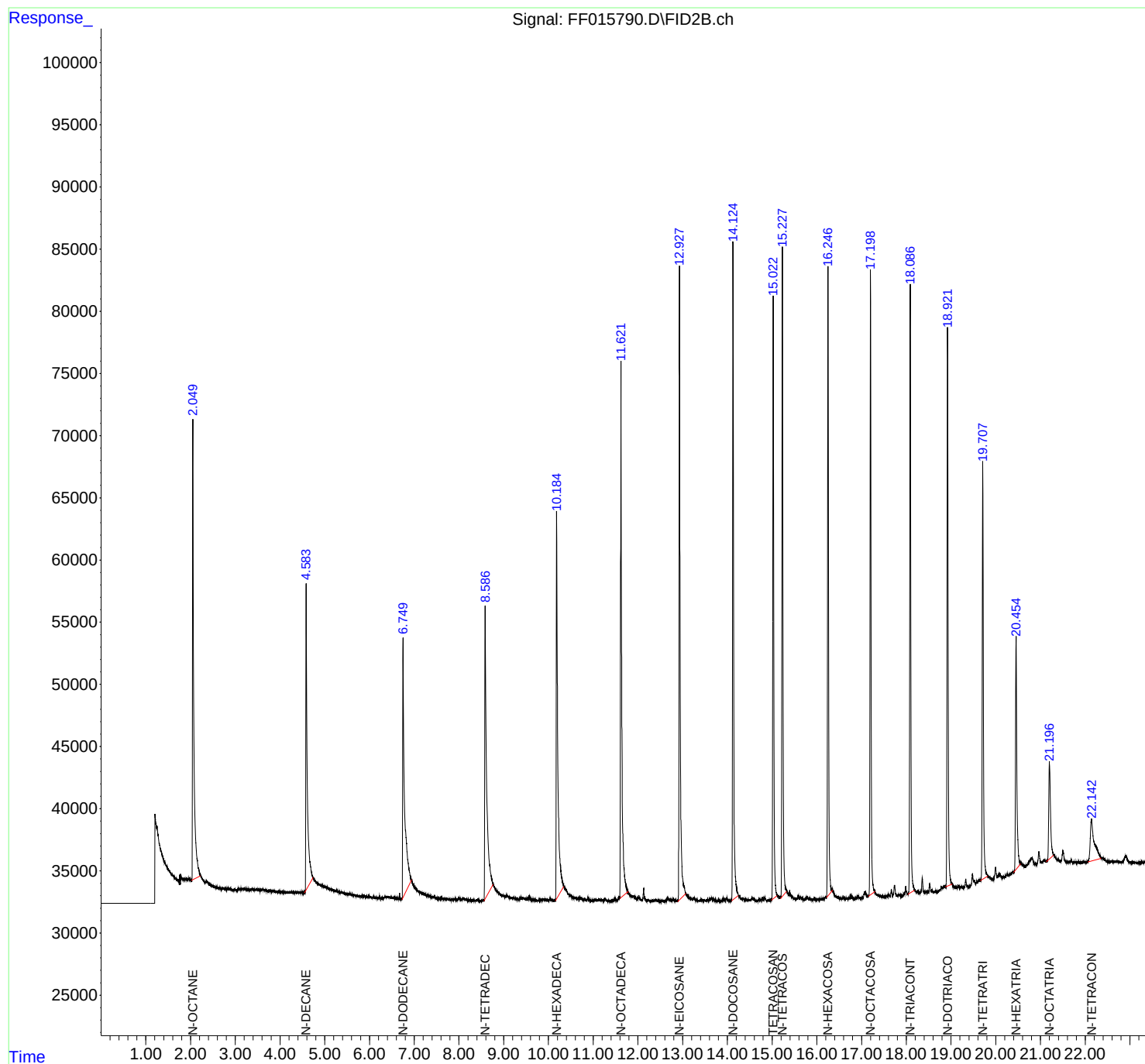
Instrument :
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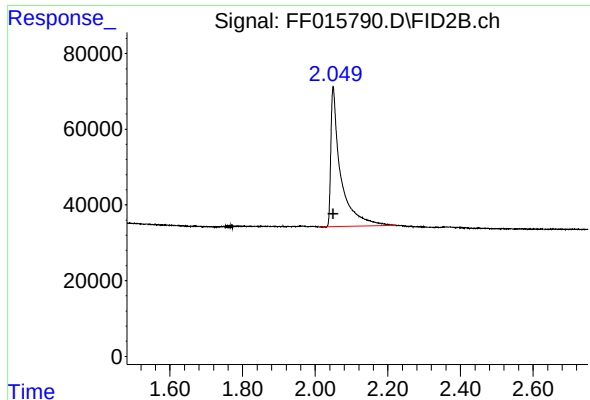
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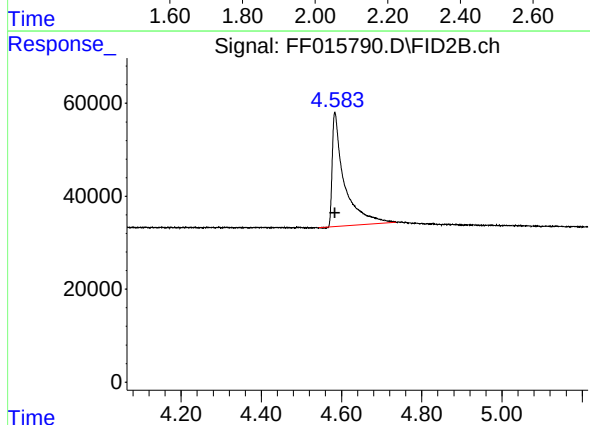
#1 N-OCTANE

R.T.: 2.050 min
Delta R.T.: 0.000 min
Response: 695245
Conc: 6.13 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

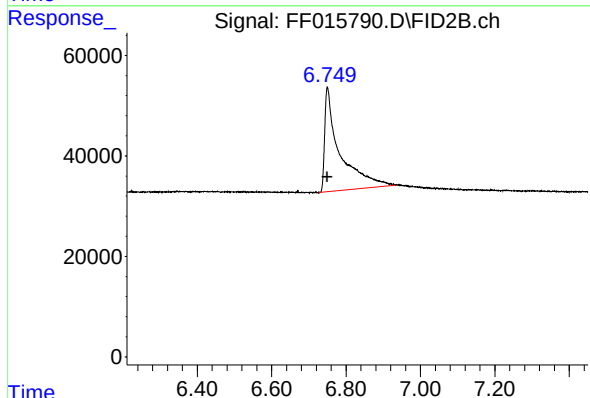
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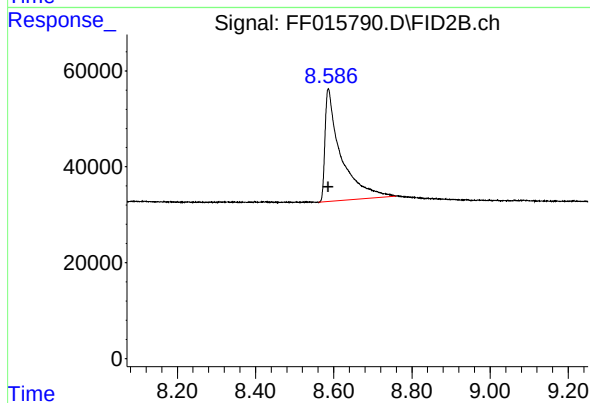
#2 N-DECANE

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 517969
Conc: 5.08 ug/ml



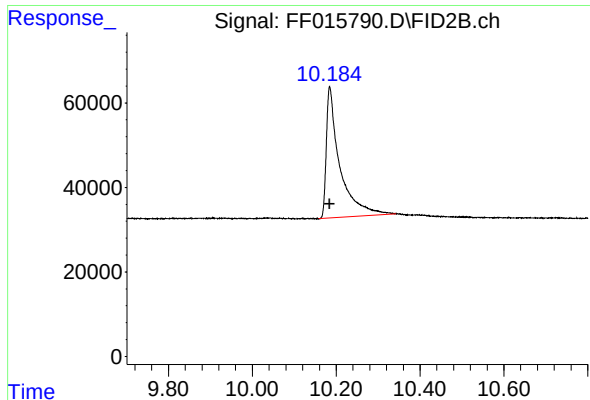
#3 N-DODECANE

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 585266
Conc: 5.35 ug/ml



#4 N-TETRADECANE

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 667061
Conc: 5.78 ug/ml



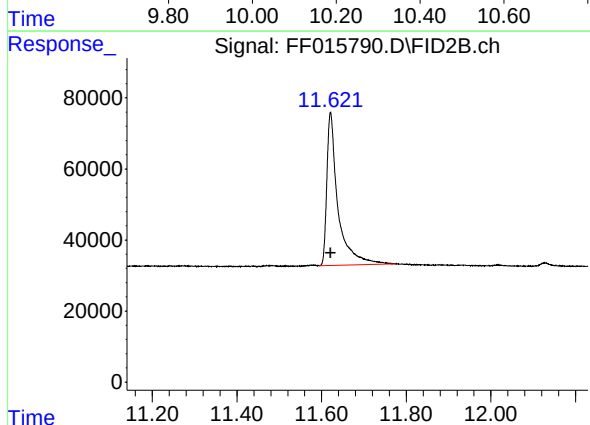
#5 N-HEXADECANE

R.T.: 10.185 min
Delta R.T.: 0.000 min
Response: 693108
Conc: 5.87 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

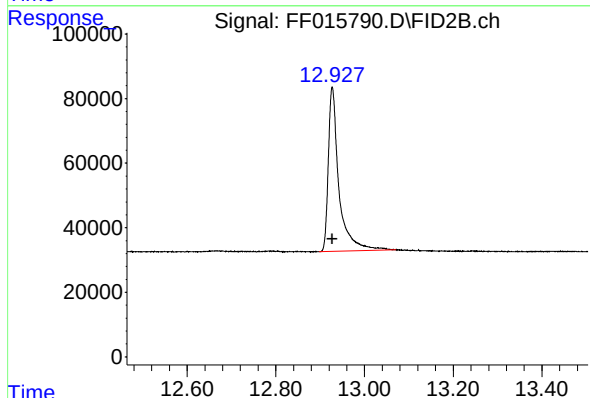
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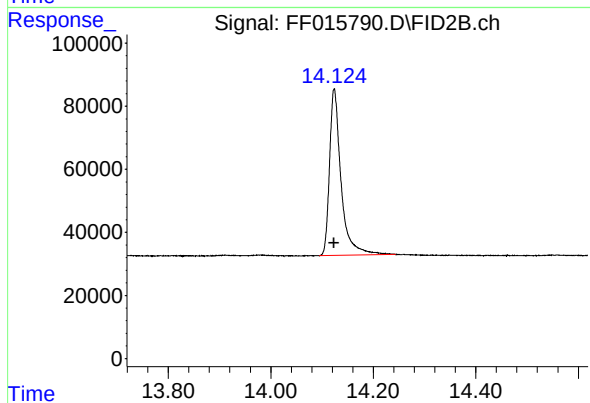
#6 N-OCTADECANE

R.T.: 11.621 min
Delta R.T.: 0.000 min
Response: 785015
Conc: 6.24 ug/ml



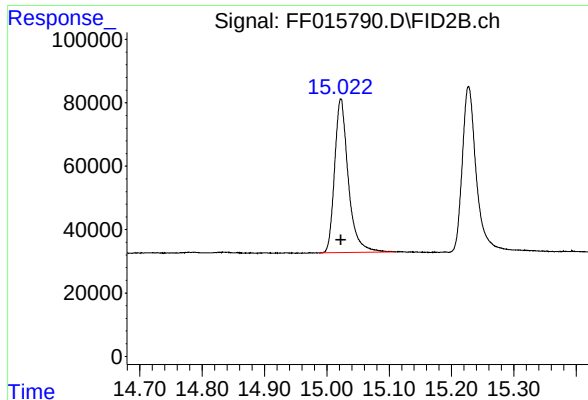
#7 N-EICOSANE

R.T.: 12.927 min
Delta R.T.: 0.000 min
Response: 847618
Conc: 6.50 ug/ml



#8 N-DOCOSANE

R.T.: 14.124 min
Delta R.T.: 0.000 min
Response: 829996
Conc: 6.52 ug/ml



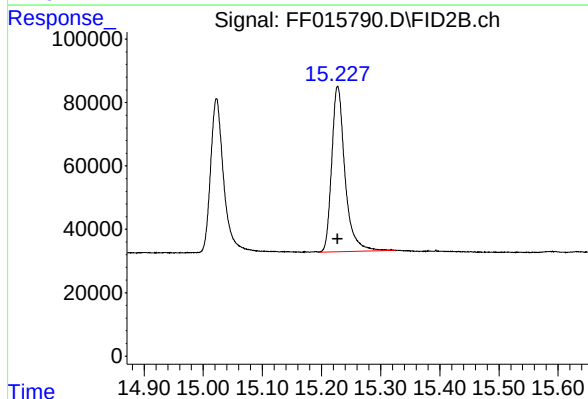
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.023 min
Delta R.T.: 0.000 min
Response: 738969
Conc: 6.55 ug/ml

Instrument :
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5 TRPH STD

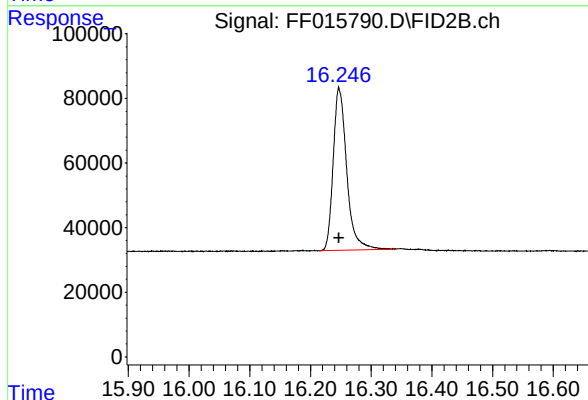
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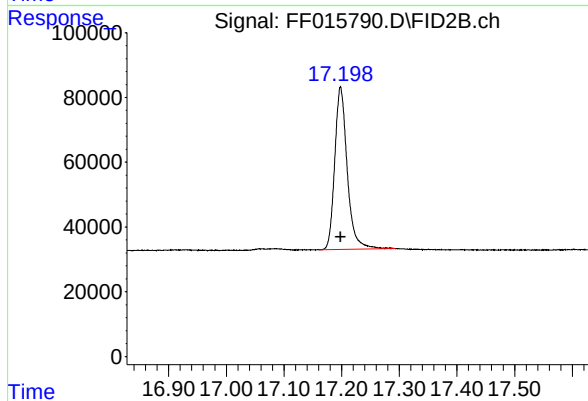
#10 N-TETRACOSANE

R.T.: 15.227 min
Delta R.T.: 0.000 min
Response: 813661
Conc: 6.47 ug/ml



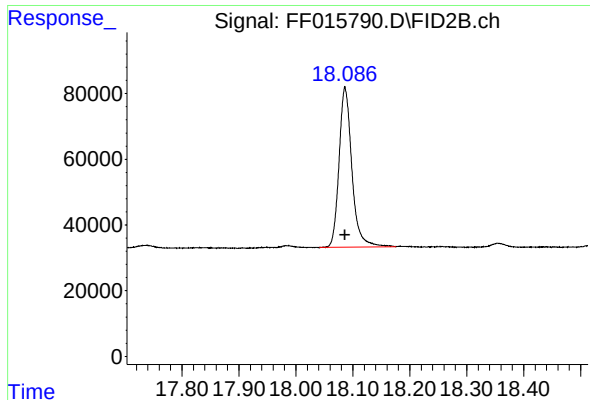
#11 N-HEXACOSANE

R.T.: 16.247 min
Delta R.T.: 0.000 min
Response: 777522
Conc: 6.38 ug/ml



#12 N-OCTACOSANE

R.T.: 17.198 min
Delta R.T.: 0.000 min
Response: 757310
Conc: 6.40 ug/ml



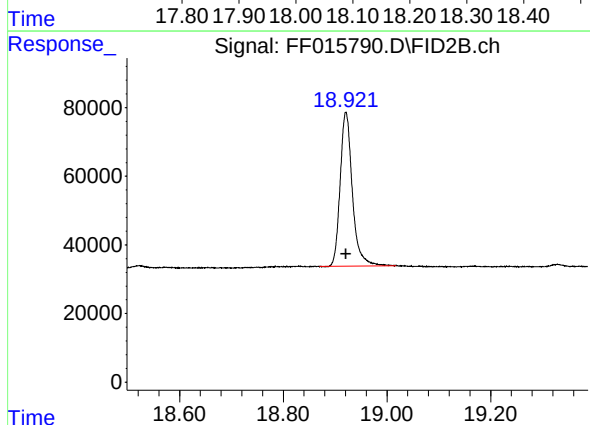
#13 N-TRIACONTANE

R.T.: 18.086 min
Delta R.T.: 0.000 min
Response: 762167
Conc: 6.47 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

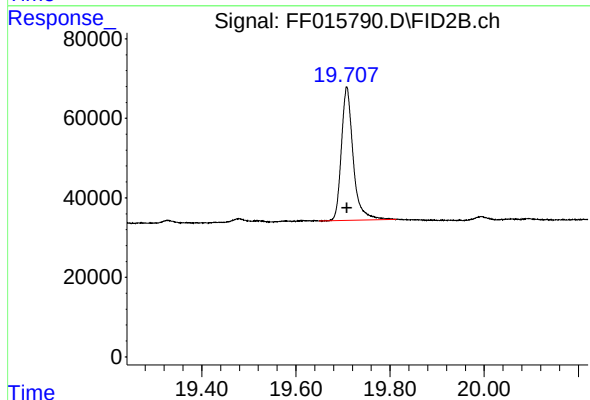
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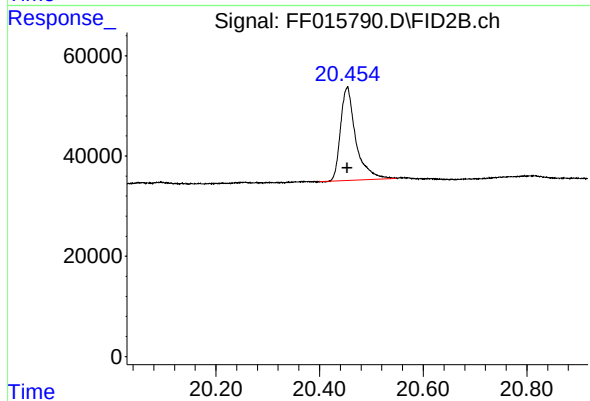
#14 N-DOTRIACONTANE

R.T.: 18.921 min
Delta R.T.: 0.000 min
Response: 734681
Conc: 6.45 ug/ml



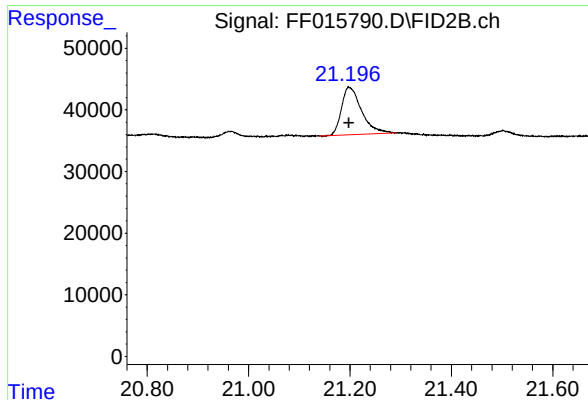
#15 N-TETRATRIACONTANE

R.T.: 19.708 min
Delta R.T.: 0.000 min
Response: 583617
Conc: 5.85 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.454 min
Delta R.T.: 0.000 min
Response: 381337
Conc: 4.78 ug/ml



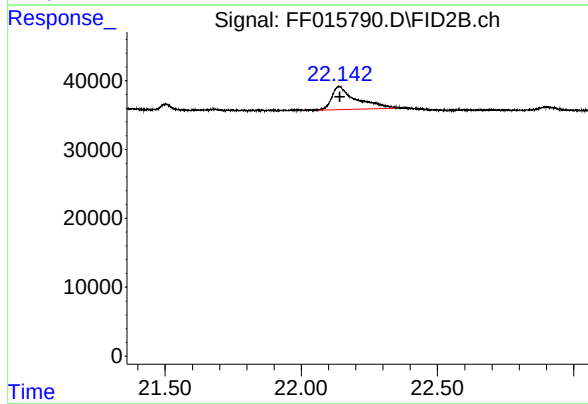
#17 N-OCTATRIACONTANE

R.T.: 21.198 min
Delta R.T.: 0.000 min
Response: 211616
Conc: 3.73 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.142 min
Delta R.T.: 0.000 min
Response: 207470
Conc: 5.08 ug/ml m