

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083123AL\
 Data File : FF013471.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2023 12:51
 Operator : YP\AJ
 Sample : 04219-02MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 72-11939MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Integration File: autoint1.e
 Quant Time: Sep 01 00:20:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.889	4305003	31.333 ug/ml
Spiked Amount 50.000		Recovery =	62.67%
12) S 1-chlorooctadecane (S...	13.327	3341088	31.883 ug/ml
Spiked Amount 50.000		Recovery =	63.77%
Target Compounds			
1) T n-Nonane (C9)	3.279	4147309	38.814 ug/ml
2) T n-Decane (C10)	4.533	4704637	43.901 ug/ml
3) T A~Naphthalene (C11.7)	6.232	5561245	46.975 ug/ml
4) T n-Dodecane (C12)	6.698	5166406	47.746 ug/ml
5) T A~2-methylnaphthalene...	7.328	5735473	48.387 ug/ml
6) T n-Tetradecane (C14)	8.526	5581796	51.710 ug/ml
7) T n-Hexadecane (C16)	10.132	6219900	57.379 ug/ml
8) T n-Octadecane (C18)	11.576	6564393	59.949 ug/ml
10) T n-Eicosane (C20)	12.886	6753832	61.549 ug/ml
11) T n-Heneicosane (C21)	13.498	6540339	59.530 ug/ml
13) T n-Docosane (C22)	14.084	6568783	59.832 ug/ml
14) T n-Tetracosane (C24)	15.188	4983885	45.363 ug/ml
15) T n-Hexacosane (C26)	16.210	6270454	57.374 ug/ml
16) T n-Octacosane (C28)	17.158	6360984	58.913 ug/ml
17) T n-Tricontane (C30)	18.047	6142933	56.172 ug/ml
18) T n-Dotriacontane (C32)	18.878	5960731	52.770 ug/ml
19) T n-Tetratriacontane (C34)	19.661	5481300	51.602 ug/ml
20) T n-Hexatriacontane (C36)	20.399	5002746	47.463 ug/ml
21) T n-Octatriacontane (C38)	21.129	5103275	50.528 ug/ml
22) T n-Tetracontane (C40)	22.026	5316769	53.494 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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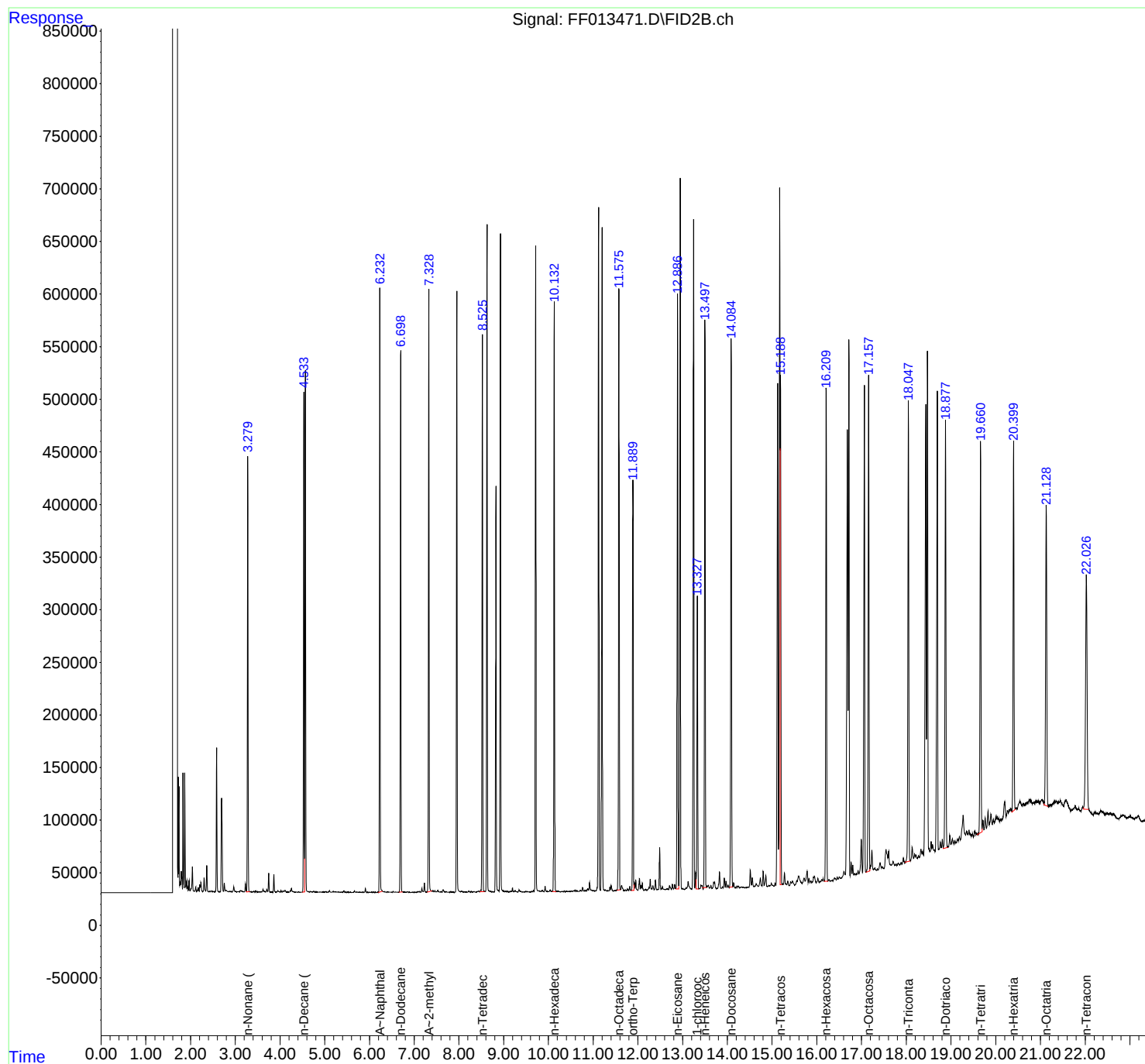
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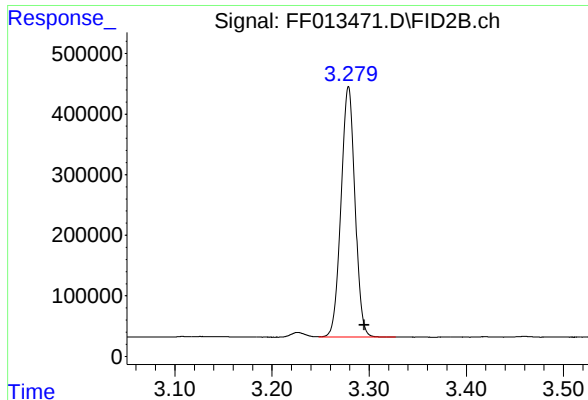
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#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.016 min
Response: 4147309
Conc: 38.81 ug/ml

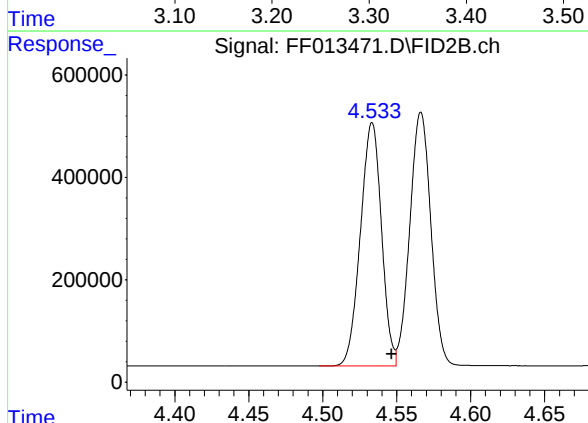
Instrument :

FID_F

ClientSampleId :
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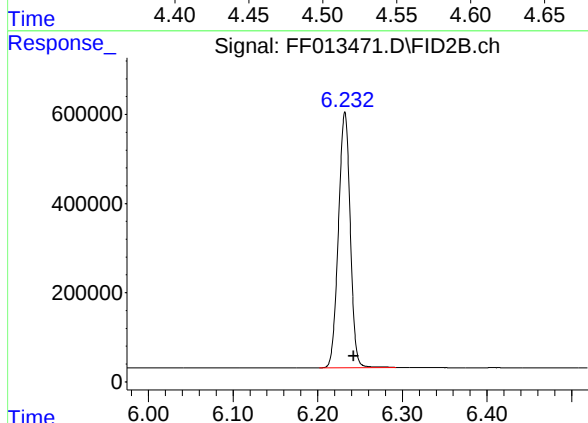
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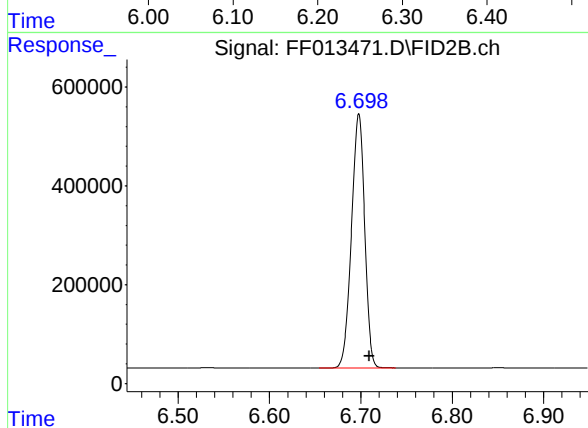
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.013 min
Response: 4704637
Conc: 43.90 ug/ml



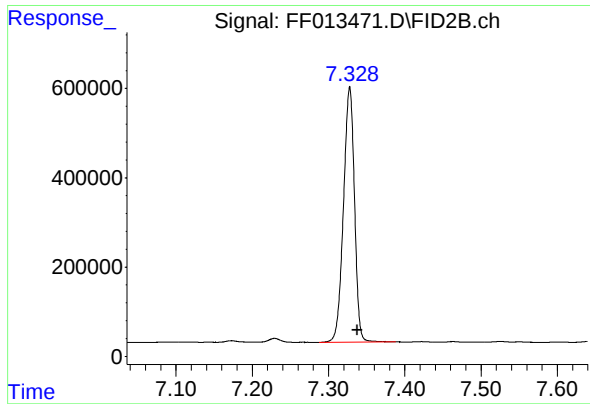
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.010 min
Response: 5561245
Conc: 46.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.011 min
Response: 5166406
Conc: 47.75 ug/ml



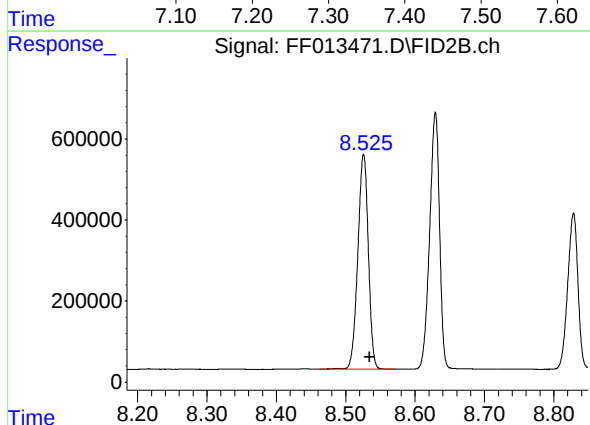
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.328 min
Delta R.T.: -0.010 min
Response: 5735473
Conc: 48.39 ug/ml

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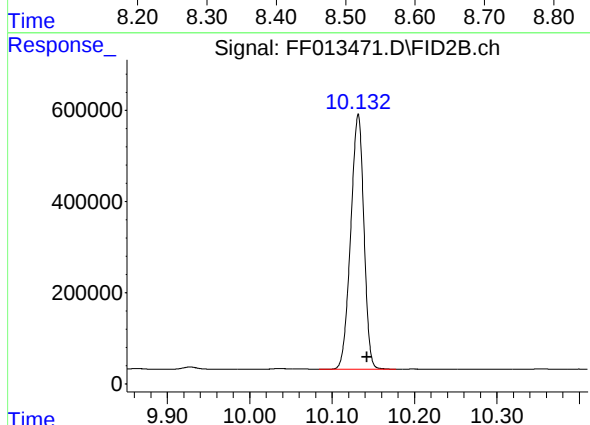
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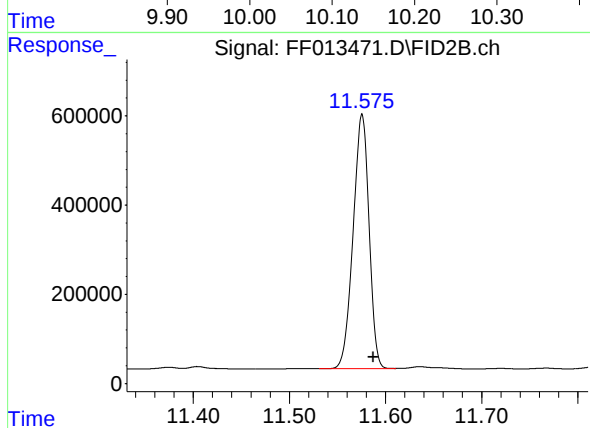
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.008 min
Response: 5581796
Conc: 51.71 ug/ml



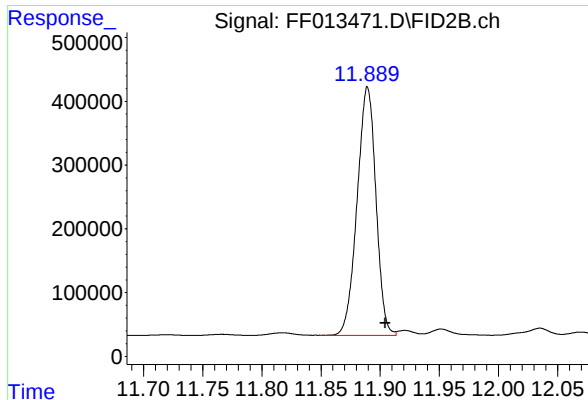
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.011 min
Response: 6219900
Conc: 57.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: -0.012 min
Response: 6564393
Conc: 59.95 ug/ml



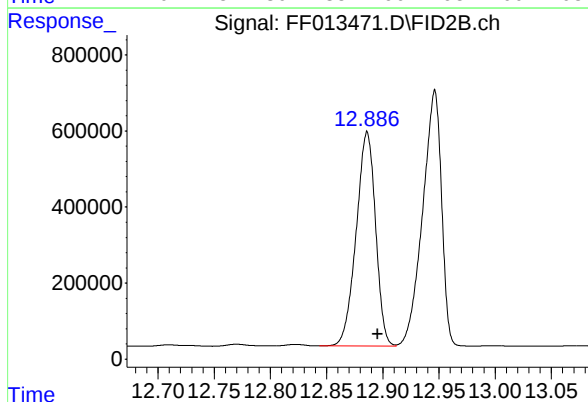
#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: -0.015 min
Response: 4305003
Conc: 31.33 ug/ml

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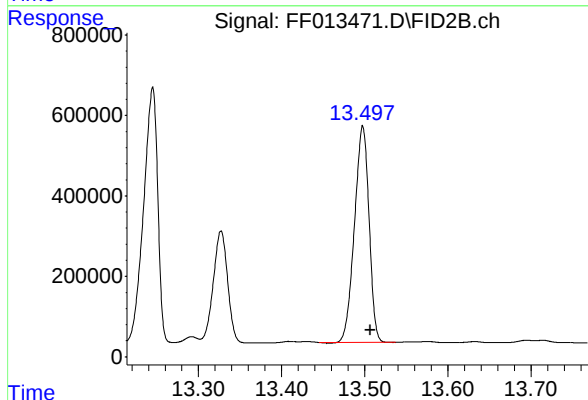
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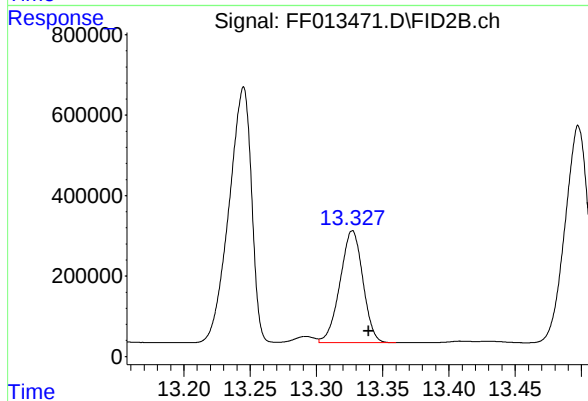
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.009 min
Response: 6753832
Conc: 61.55 ug/ml



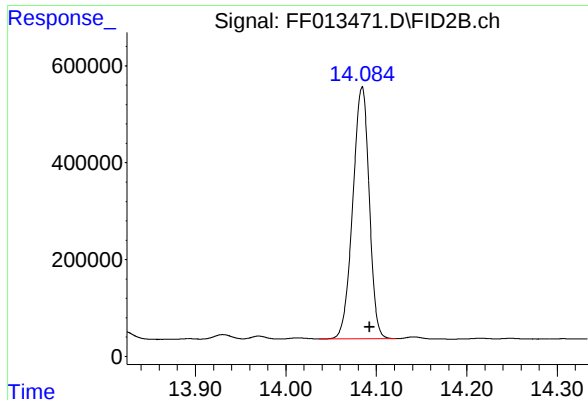
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.009 min
Response: 6540339
Conc: 59.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: -0.012 min
Response: 3341088
Conc: 31.88 ug/ml



#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.008 min
Response: 6568783
Conc: 59.83 ug/ml

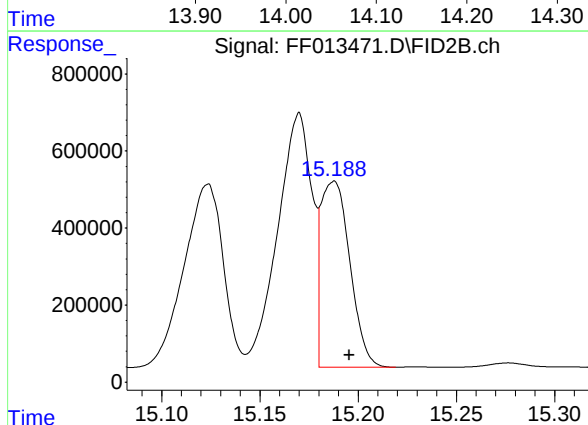
Instrument :

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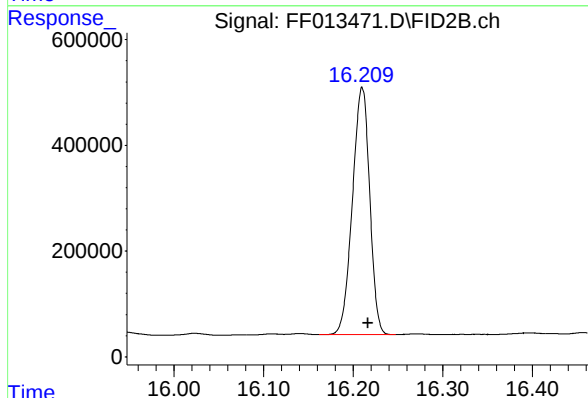
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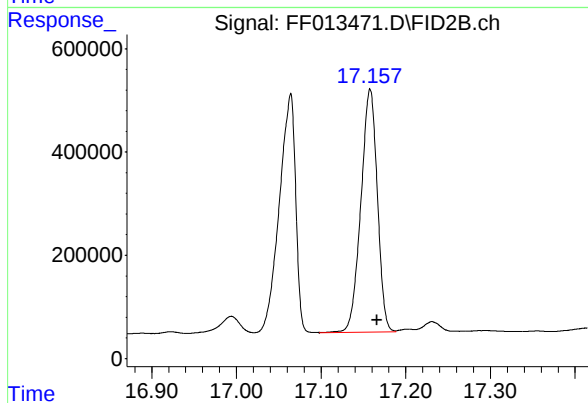
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.008 min
Response: 4983885
Conc: 45.36 ug/ml



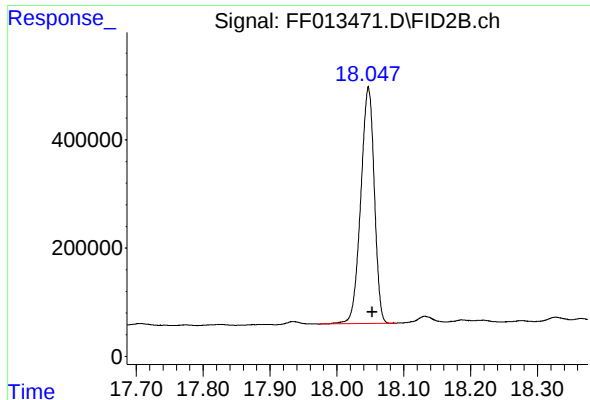
#15 n-Hexacosane (C26)

R.T.: 16.210 min
Delta R.T.: -0.006 min
Response: 6270454
Conc: 57.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.158 min
Delta R.T.: -0.008 min
Response: 6360984
Conc: 58.91 ug/ml



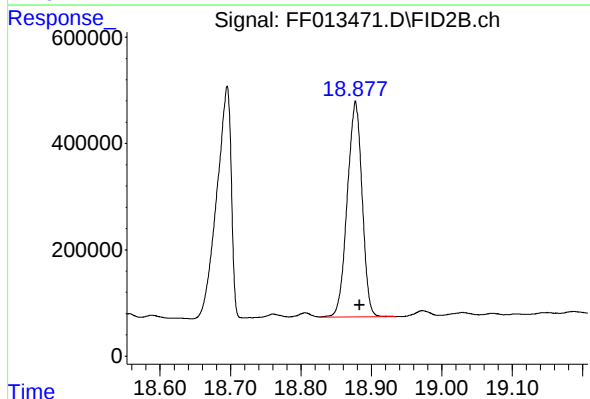
#17 n-Tricontane (C30)

R.T.: 18.047 min
Delta R.T.: -0.006 min
Response: 6142933
Conc: 56.17 ug/ml

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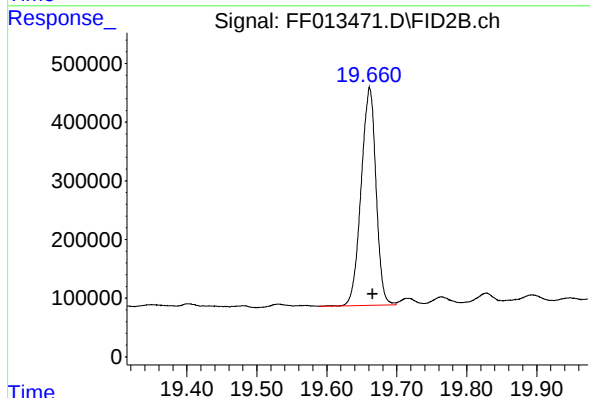
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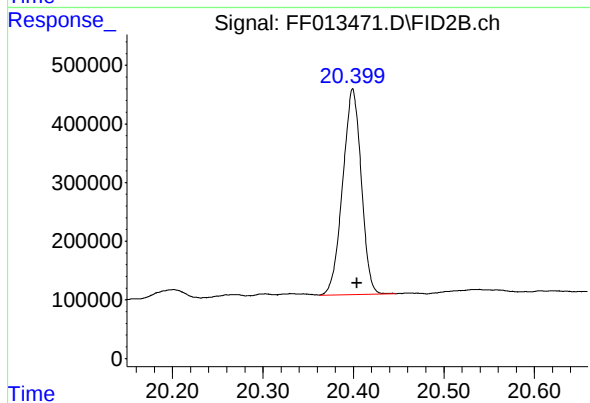
#18 n-Dotriacontane (C32)

R.T.: 18.878 min
Delta R.T.: -0.006 min
Response: 5960731
Conc: 52.77 ug/ml



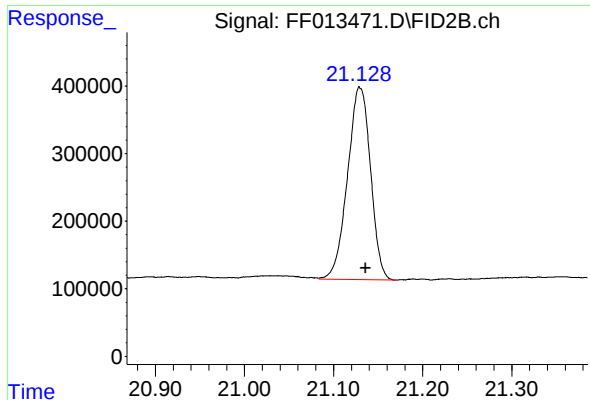
#19 n-Tetatriacontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.004 min
Response: 5481300
Conc: 51.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.399 min
Delta R.T.: -0.005 min
Response: 5002746
Conc: 47.46 ug/ml



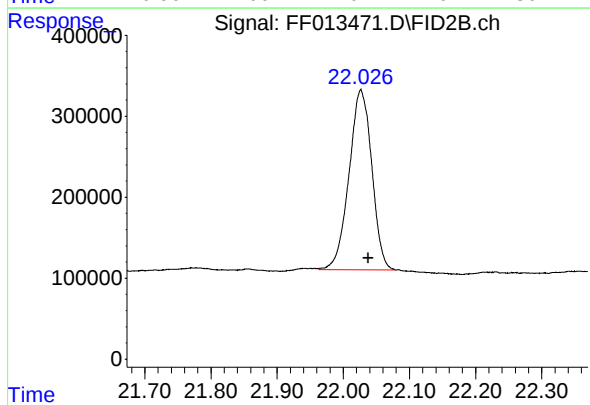
#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: -0.007 min
Response: 5103275
Conc: 50.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: -0.012 min
Response: 5316769
Conc: 53.49 ug/ml m