

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083123AL\
 Data File : FF013472.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2023 13:21
 Operator : YP\AJ
 Sample : 04219-02MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_F

Client SampleId :

72-11939MSD

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 00:20:23 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)	11.890	4408361	32.086 ug/ml
Spiked Amount 50.000		Recovery =	64.17%
12) S 1-chlorooctadecane (S...	13.328	3427257	32.705 ug/ml
Spiked Amount 50.000		Recovery =	65.41%
Target Compounds			
1) T n-Nonane (C9)	3.279	4223723	39.529 ug/ml
2) T n-Decane (C10)	4.534	4795635	44.750 ug/ml
3) T A~Naphthalene (C11.7)	6.233	5686427	48.032 ug/ml
4) T n-Dodecane (C12)	6.698	5278285	48.779 ug/ml
5) T A~2-methylnaphthalene...	7.328	5860731	49.444 ug/ml
6) T n-Tetradecane (C14)	8.527	5710937	52.906 ug/ml
7) T n-Hexadecane (C16)	10.132	6365666	58.724 ug/ml
8) T n-Octadecane (C18)	11.576	6724173	61.408 ug/ml
10) T n-Eicosane (C20)	12.887	6921938	63.081 ug/ml
11) T n-Heneicosane (C21)	13.498	6746675	61.408 ug/ml
13) T n-Docosane (C22)	14.084	6737284	61.366 ug/ml
14) T n-Tetracosane (C24)	15.187	5208972	47.412 ug/ml
15) T n-Hexacosane (C26)	16.210	6436375	58.892 ug/ml
16) T n-Octacosane (C28)	17.159	6507240	60.268 ug/ml
17) T n-Tricontane (C30)	18.047	6283154	57.454 ug/ml
18) T n-Dotriacontane (C32)	18.878	6078523	53.812 ug/ml
19) T n-Tetratriacontane (C34)	19.661	5592911	52.653 ug/ml
20) T n-Hexatriacontane (C36)	20.399	5228866	49.609 ug/mlm
21) T n-Octatriacontane (C38)	21.131	5114481	50.639 ug/ml
22) T n-Tetracontane (C40)	22.029	5441136	54.745 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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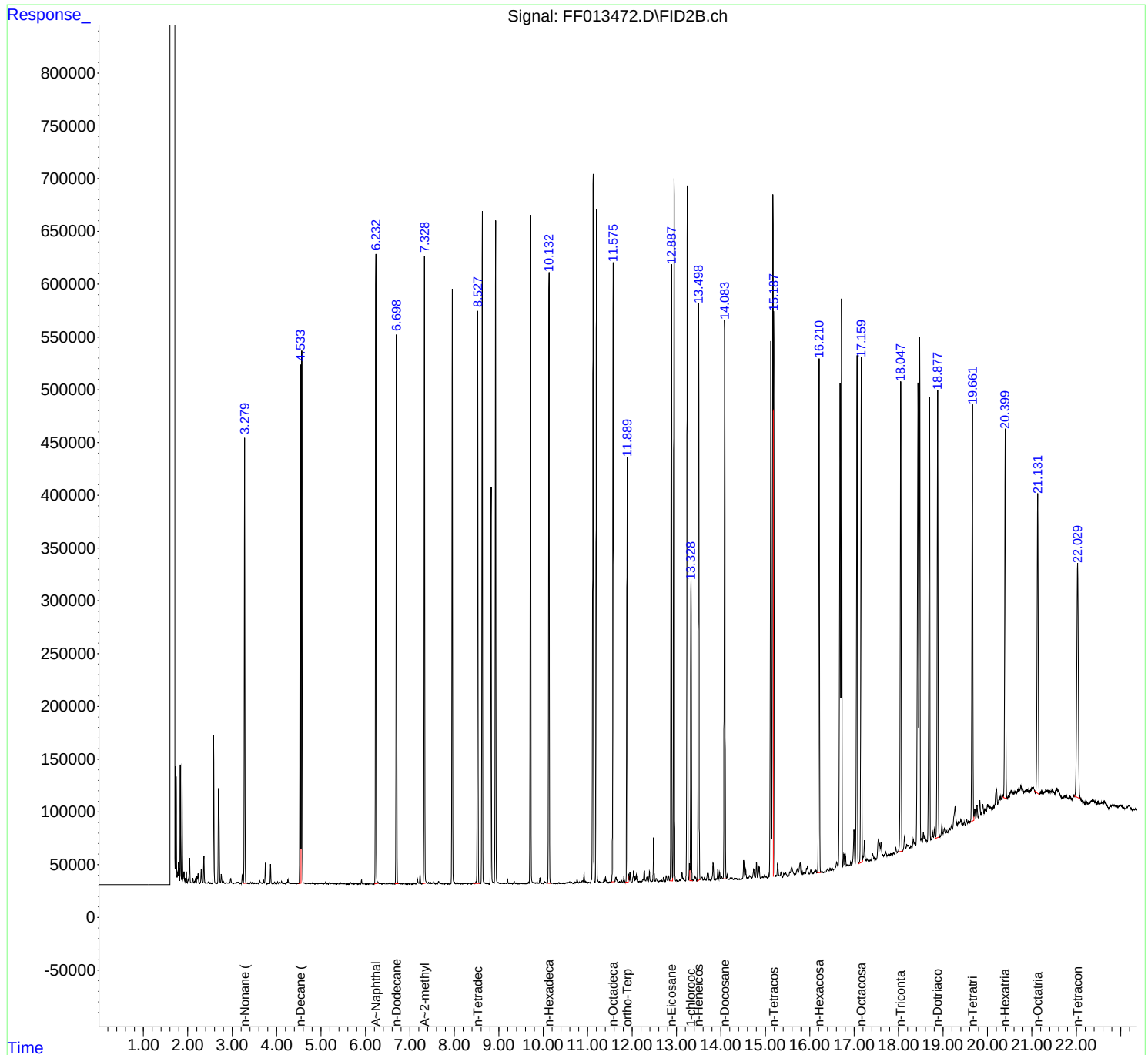
APPROVED

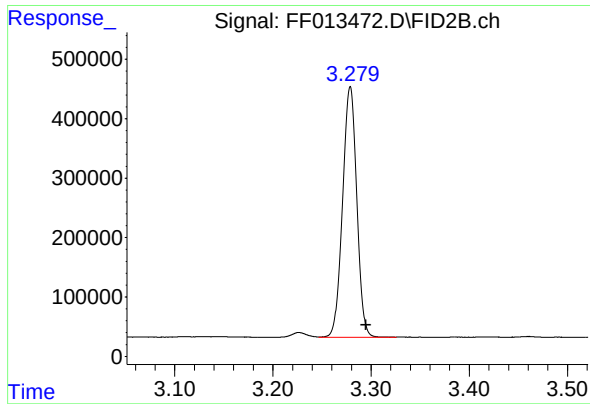
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





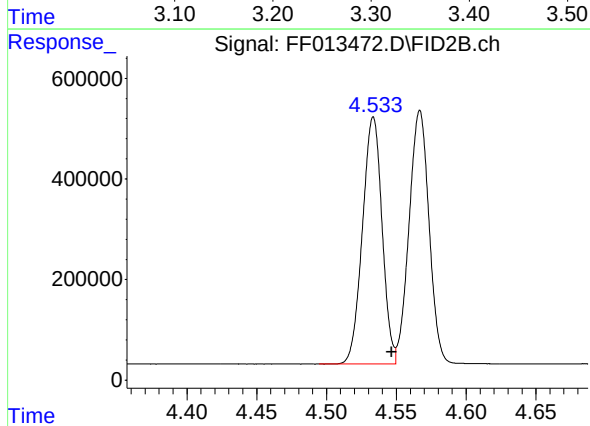
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.016 min
Response: 4223723
Conc: 39.53 ug/ml

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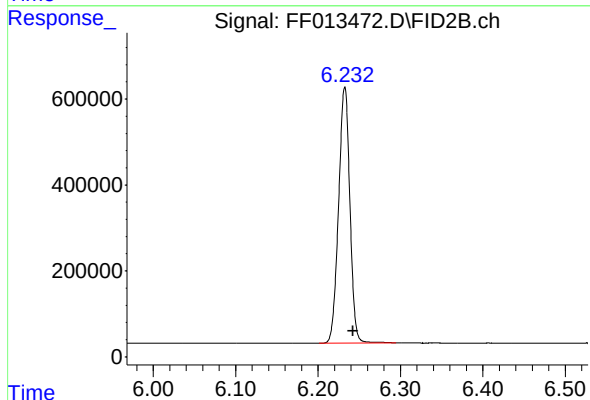
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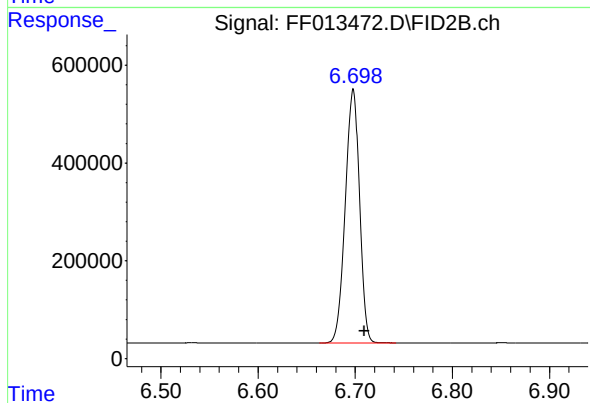
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.013 min
Response: 4795635
Conc: 44.75 ug/ml



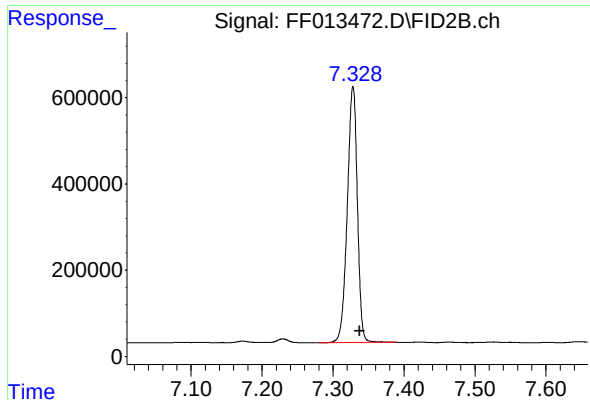
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.010 min
Response: 5686427
Conc: 48.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.011 min
Response: 5278285
Conc: 48.78 ug/ml



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

R.T.: 7.328 min
Delta R.T.: -0.009 min
Response: 5860731
Conc: 49.44 ug/ml

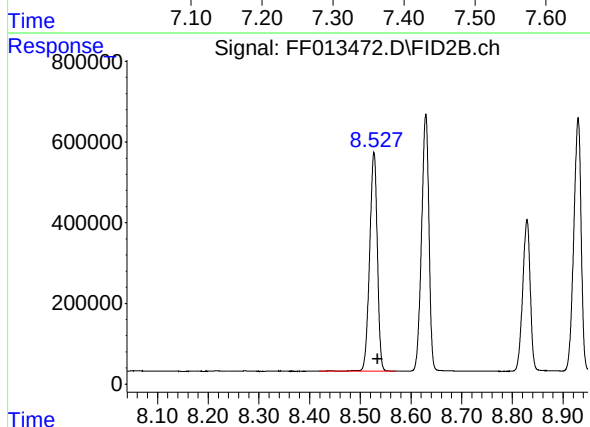
Instrument :

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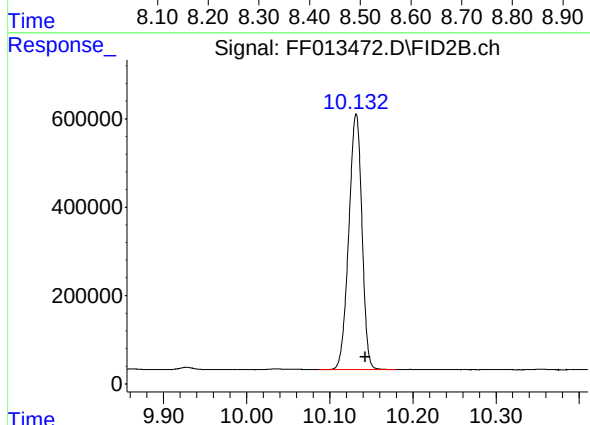
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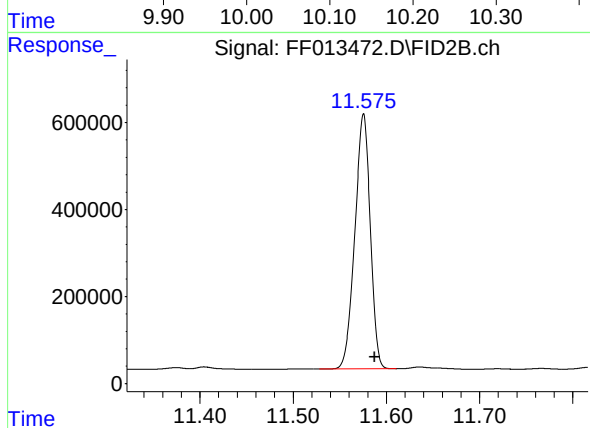
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.007 min
Response: 5710937
Conc: 52.91 ug/ml



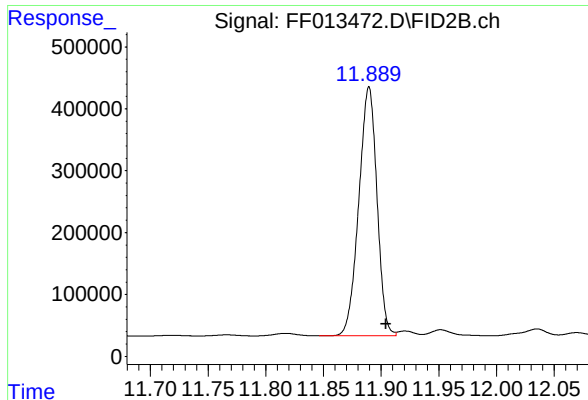
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.011 min
Response: 6365666
Conc: 58.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: -0.012 min
Response: 6724173
Conc: 61.41 ug/ml



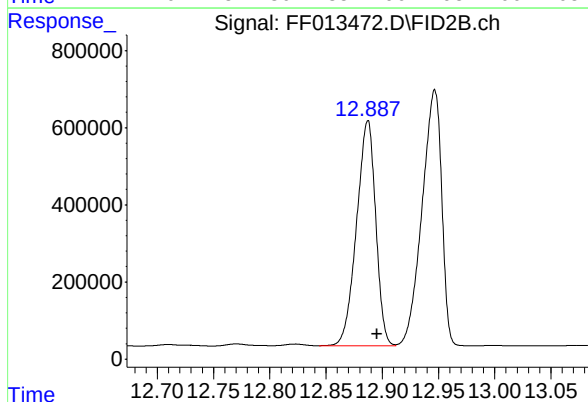
#9 ortho-Terphenyl (SURR)

R.T.: 11.890 min
Delta R.T.: -0.015 min
Response: 4408361
Conc: 32.09 ug/ml

Instrument :
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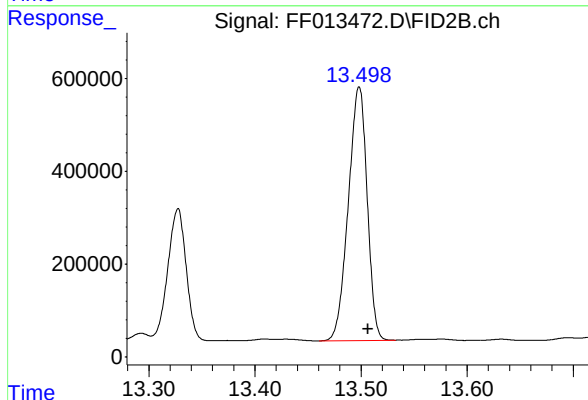
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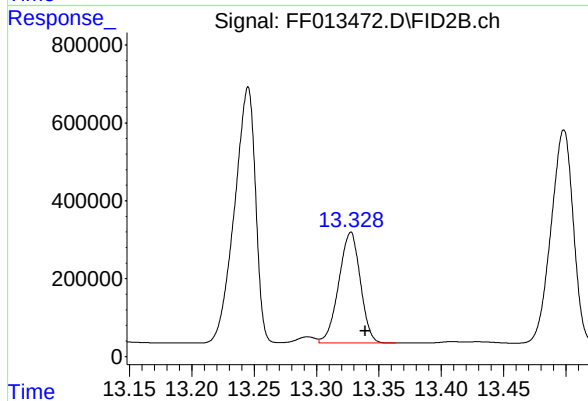
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.008 min
Response: 6921938
Conc: 63.08 ug/ml



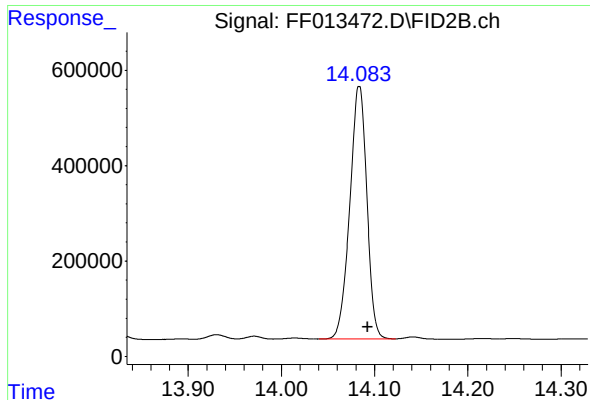
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.008 min
Response: 6746675
Conc: 61.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.328 min
Delta R.T.: -0.012 min
Response: 3427257
Conc: 32.70 ug/ml



#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.009 min
Response: 6737284
Conc: 61.37 ug/ml

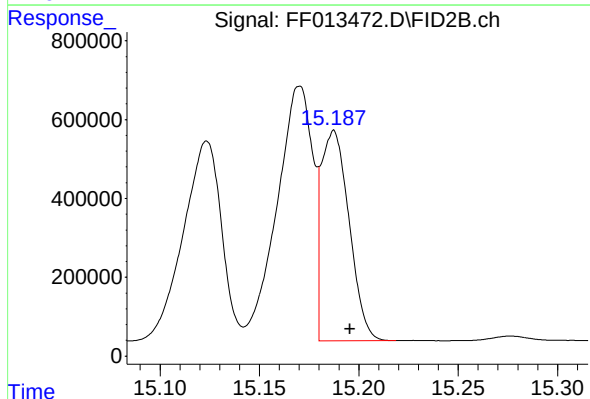
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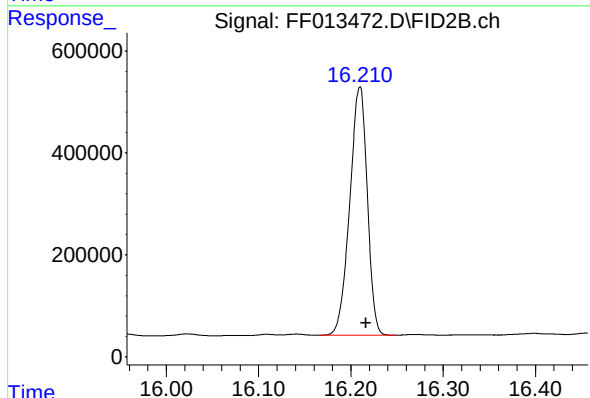
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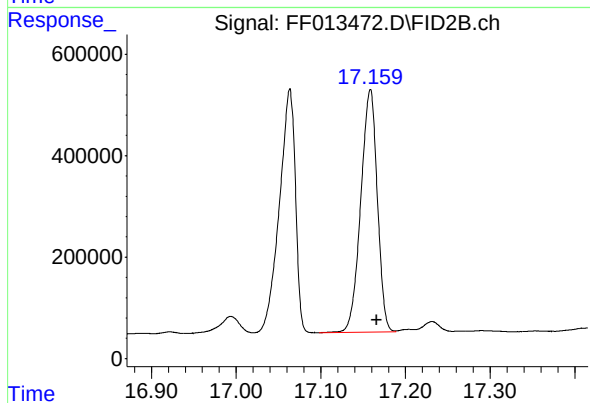
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.008 min
Response: 5208972
Conc: 47.41 ug/ml



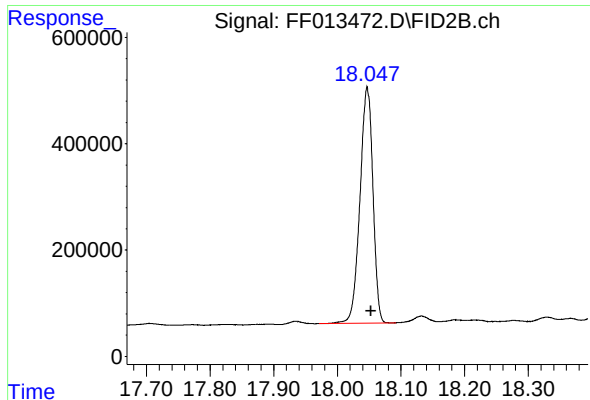
#15 n-Hexacosane (C26)

R.T.: 16.210 min
Delta R.T.: -0.007 min
Response: 6436375
Conc: 58.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.159 min
Delta R.T.: -0.007 min
Response: 6507240
Conc: 60.27 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.047 min
Delta R.T.: -0.006 min
Response: 6283154
Conc: 57.45 ug/ml

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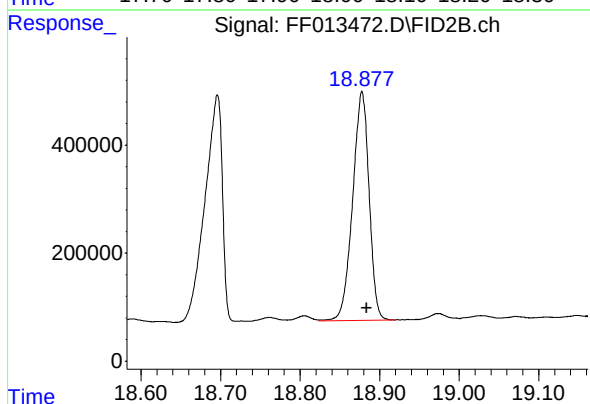
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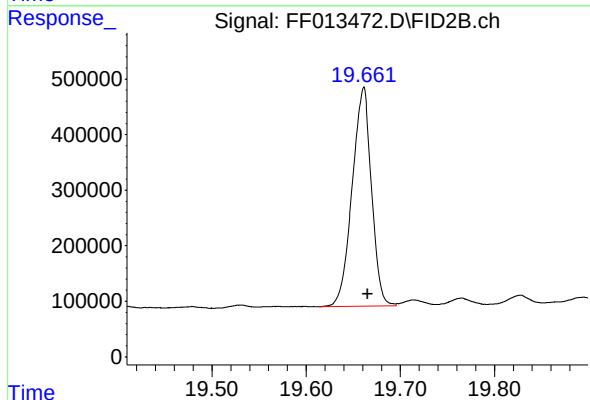
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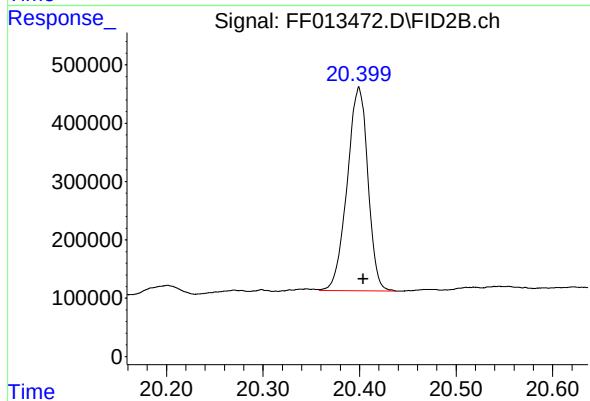
#18 n-Dotriacontane (C32)

R.T.: 18.878 min
Delta R.T.: -0.006 min
Response: 6078523
Conc: 53.81 ug/ml



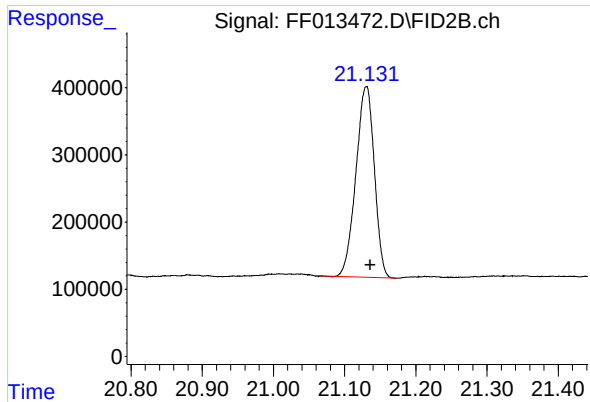
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.004 min
Response: 5592911
Conc: 52.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.399 min
Delta R.T.: -0.005 min
Response: 5228866
Conc: 49.61 ug/ml m



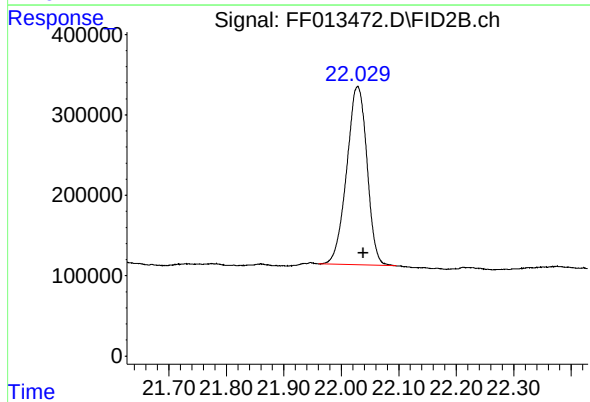
#21 n-Octatriacontane (C38)

R.T.: 21.131 min
Delta R.T.: -0.005 min
Response: 5114481
Conc: 50.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.029 min
Delta R.T.: -0.009 min
Response: 5441136
Conc: 54.74 ug/ml m