

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082223AL\
 Data File : FF013286.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 14:57
 Operator : YP\AJ
 Sample : PB154984BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

PB154984BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :Ankita Jodhani 08/23/2023

Integration File: autoint1.e

Quant Time: Aug 22 23:41:58 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)	11.892	5826739	42.409 ug/ml
Spiked Amount 50.000		Recovery =	84.82%
12) S 1-chlorooctadecane (S...	13.329	4528368	43.212 ug/ml
Spiked Amount 50.000		Recovery =	86.42%
Target Compounds			
1) T n-Nonane (C9)	3.291	4587877	42.937 ug/ml
2) T n-Decane (C10)	4.540	4882630	45.562 ug/ml
3) T A~Naphthalene (C11.7)	6.235	5631608	47.569 ug/ml
4) T n-Dodecane (C12)	6.701	5236433	48.393 ug/ml
5) T A~2-methylnaphthalene...	7.329	5670432	47.838 ug/ml
6) T n-Tetradecane (C14)	8.527	5355956	49.618 ug/ml
7) T n-Hexadecane (C16)	10.134	5483389	50.585 ug/ml
8) T n-Octadecane (C18)	11.577	5593438	51.082 ug/ml
10) T n-Eicosane (C20)	12.886	5731959	52.236 ug/ml
11) T n-Heneicosane (C21)	13.497	5554383	50.556 ug/ml
13) T n-Docosane (C22)	14.084	5533157	50.399 ug/ml
14) T n-Tetracosane (C24)	15.186	4993371	45.449 ug/ml
15) T n-Hexacosane (C26)	16.208	5352054	48.970 ug/ml
16) T n-Octacosane (C28)	17.154	5303230	49.117 ug/ml
17) T n-Tricontane (C30)	18.042	5166352	47.242 ug/ml
18) T n-Dotriacontane (C32)	18.873	4932672	43.668 ug/ml
19) T n-Tetratriacontane (C34)	19.656	4593748	43.247 ug/ml
20) T n-Hexatriacontane (C36)	20.394	4208950	39.932 ug/mlm
21) T n-Octatriacontane (C38)	21.124	4211875	41.702 ug/ml
22) T n-Tetracontane (C40)	22.021	4373483	44.003 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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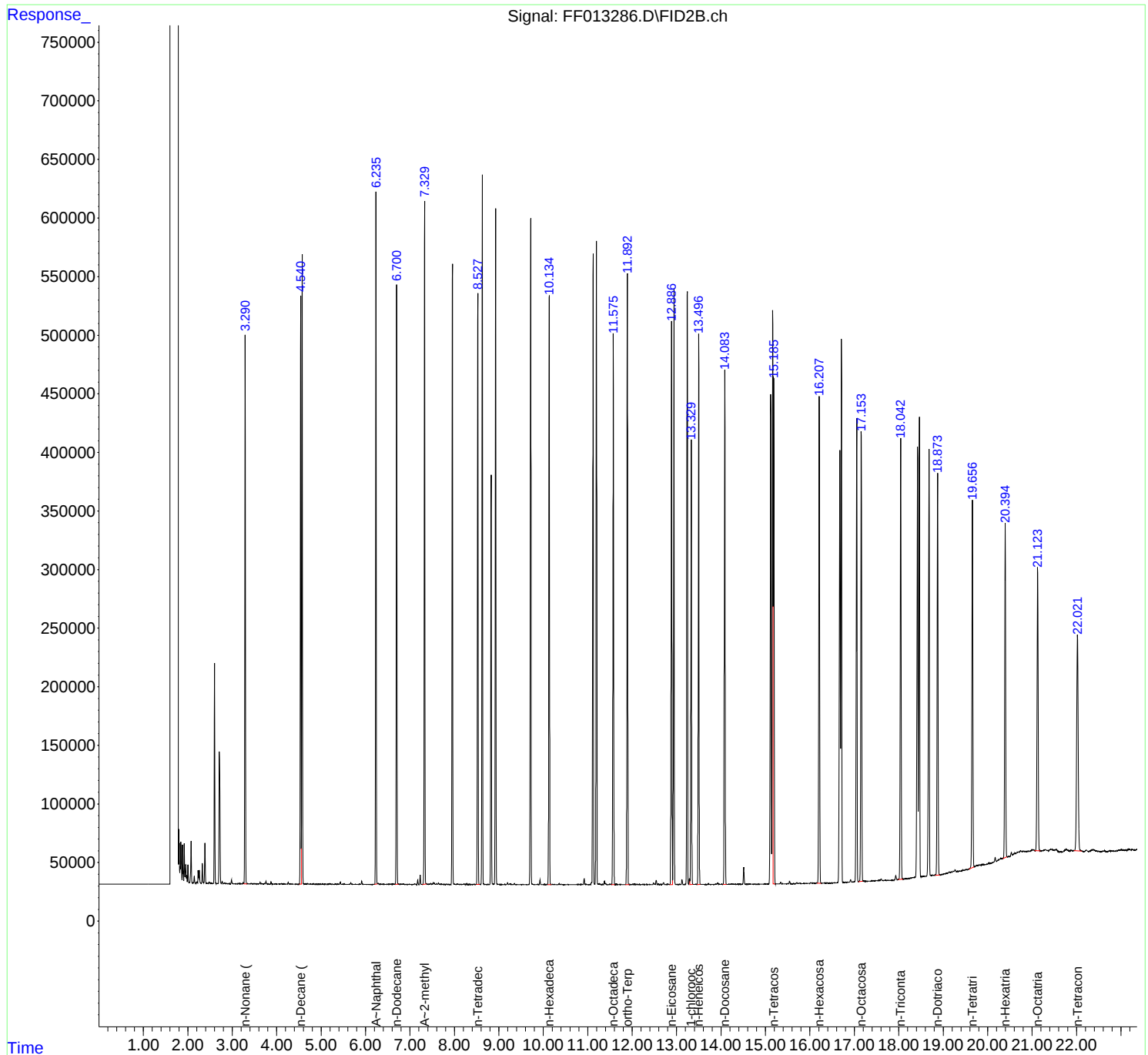
APPROVED

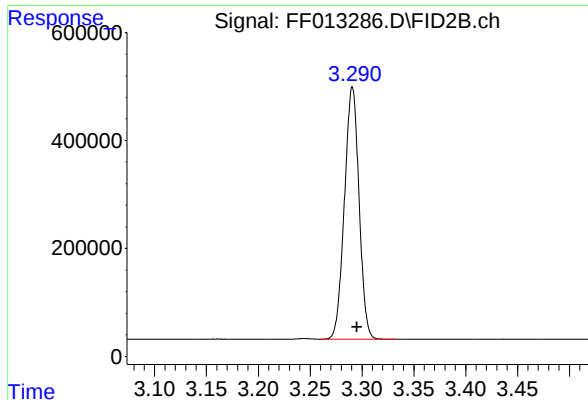
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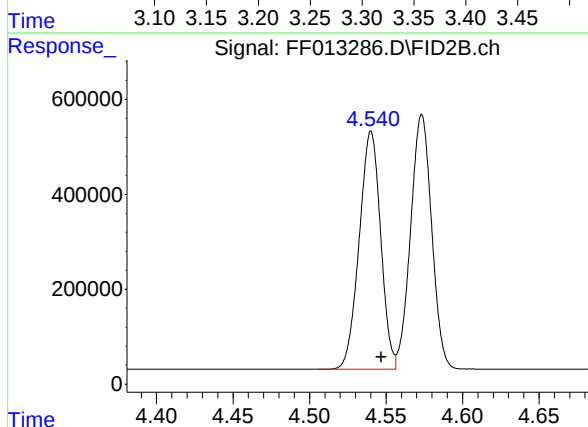
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 4587877
Conc: 42.94 ug/ml

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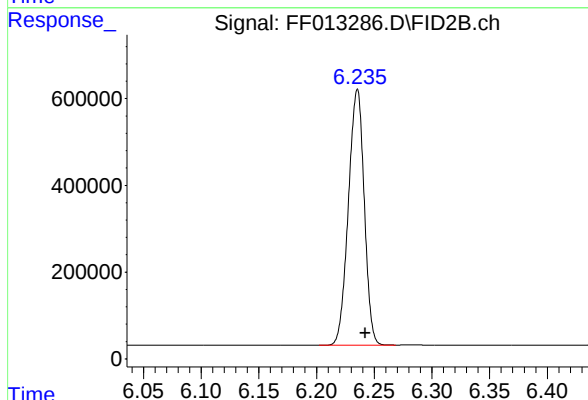
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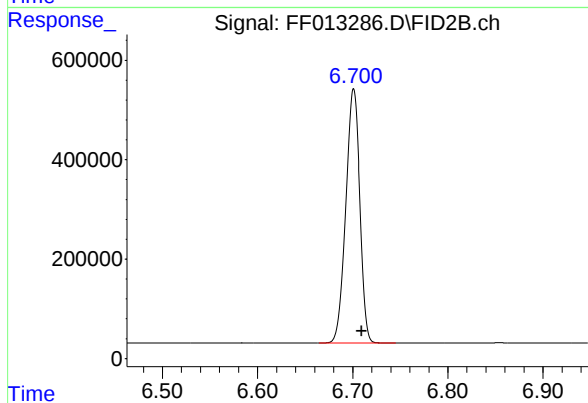
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.007 min
Response: 4882630
Conc: 45.56 ug/ml



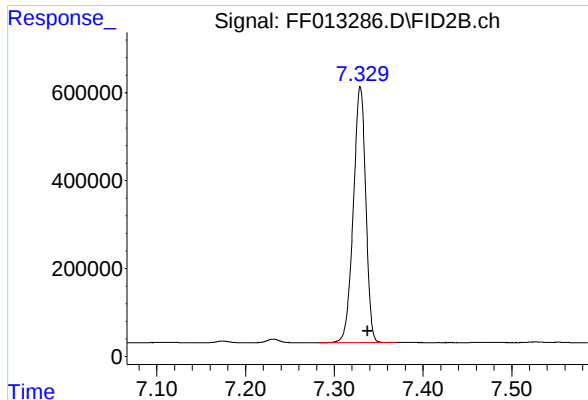
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.007 min
Response: 5631608
Conc: 47.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.008 min
Response: 5236433
Conc: 48.39 ug/ml



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

R.T.: 7.329 min
Delta R.T.: -0.008 min
Response: 5670432
Conc: 47.84 ug/ml

Instrument :

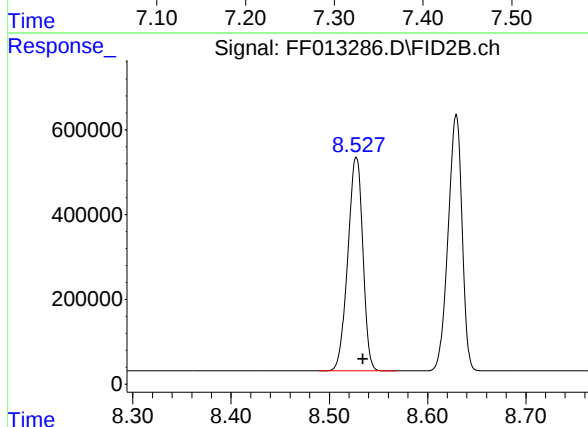
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ClientSampleId :

PB154984BS

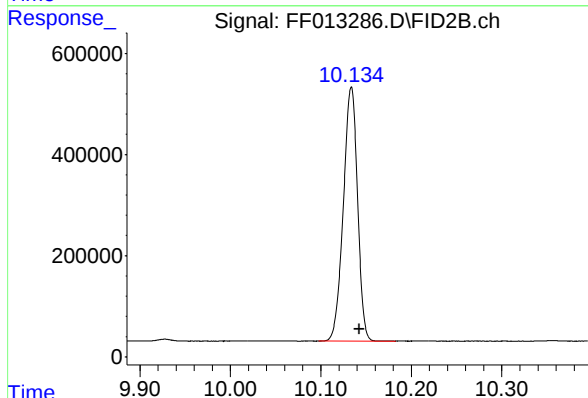
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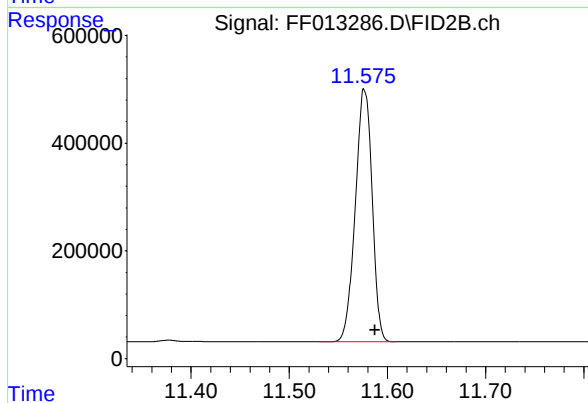
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.007 min
Response: 5355956
Conc: 49.62 ug/ml



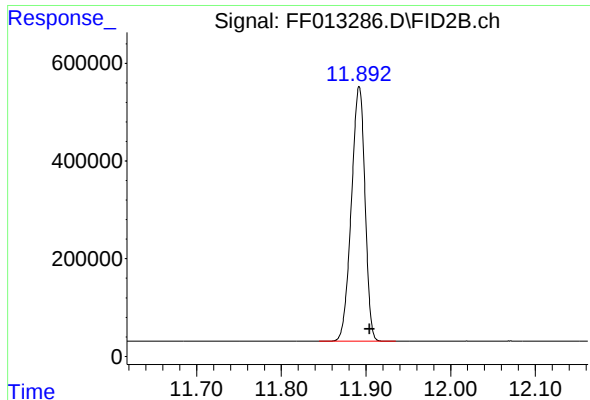
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.009 min
Response: 5483389
Conc: 50.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.011 min
Response: 5593438
Conc: 51.08 ug/ml



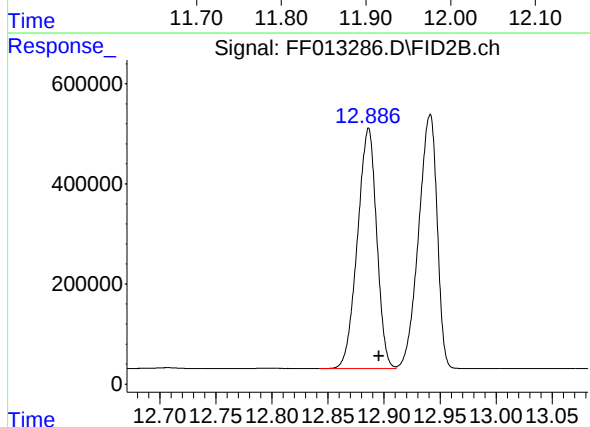
#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.012 min
Response: 5826739
Conc: 42.41 ug/ml

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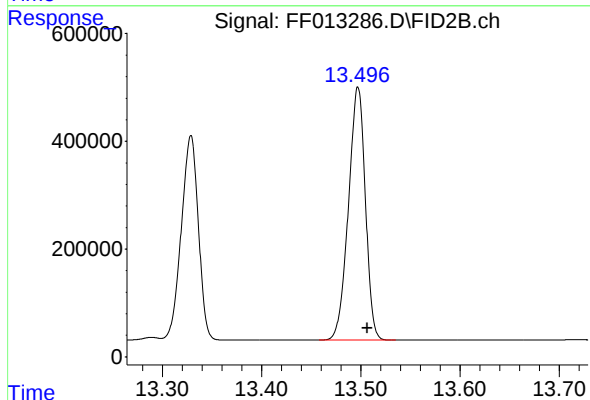
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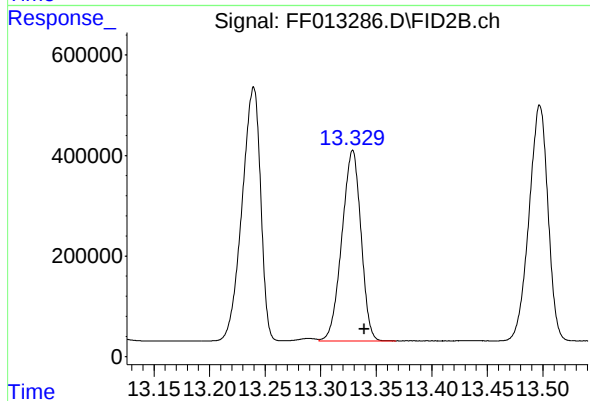
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.009 min
Response: 5731959
Conc: 52.24 ug/ml



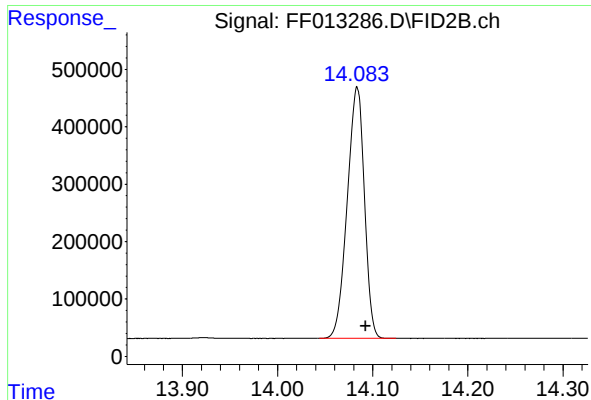
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.009 min
Response: 5554383
Conc: 50.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.010 min
Response: 4528368
Conc: 43.21 ug/ml



#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.009 min
Response: 5533157
Conc: 50.40 ug/ml

Instrument :

FID_F

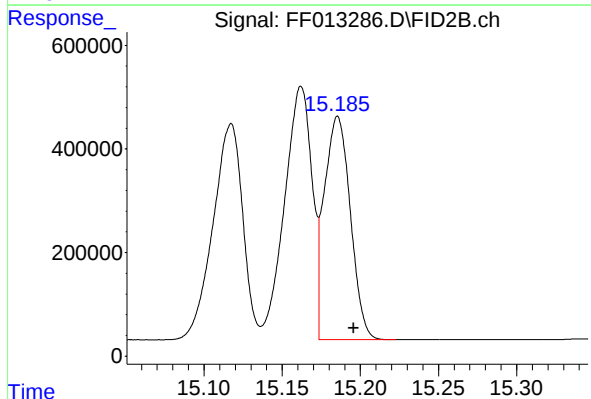
ClientSampleId :

PB154984BS

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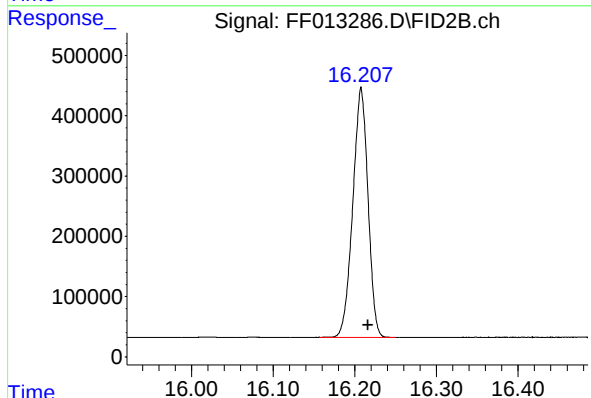
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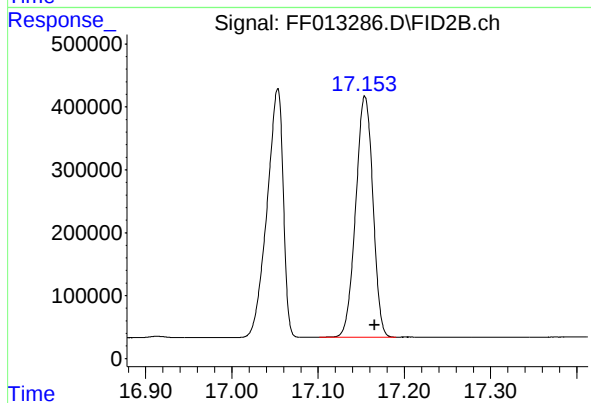
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.010 min
Response: 4993371
Conc: 45.45 ug/ml



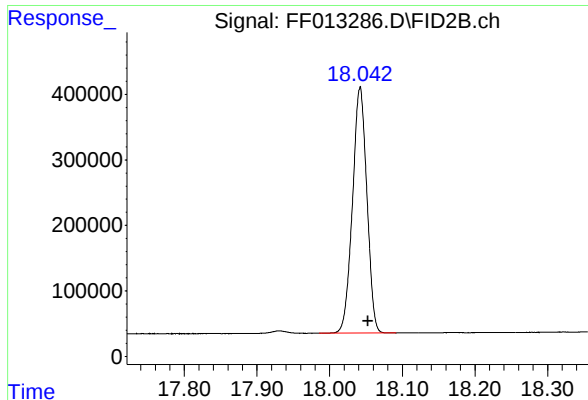
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.009 min
Response: 5352054
Conc: 48.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.154 min
Delta R.T.: -0.012 min
Response: 5303230
Conc: 49.12 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 5166352
Conc: 47.24 ug/ml

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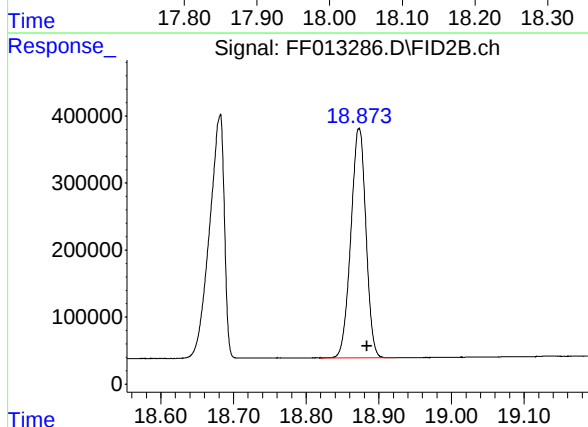
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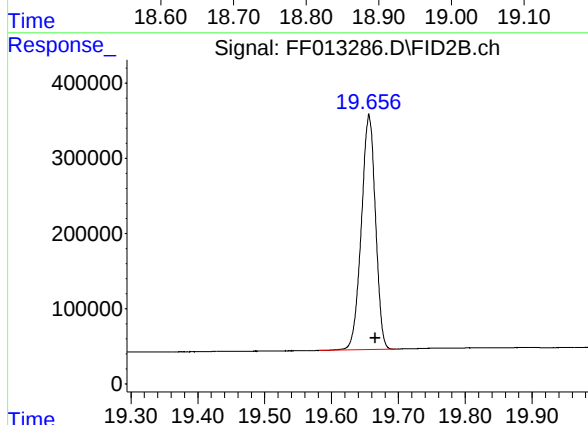
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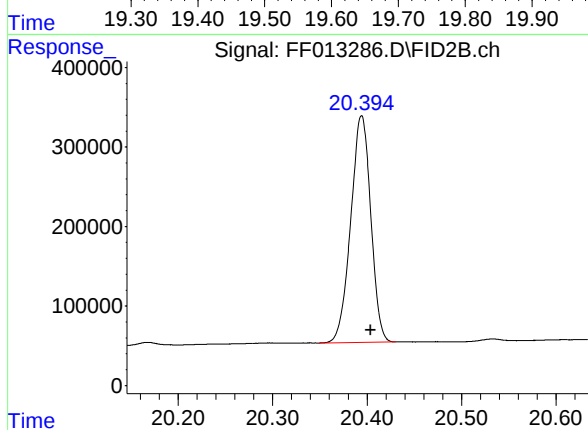
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: -0.011 min
Response: 4932672
Conc: 43.67 ug/ml



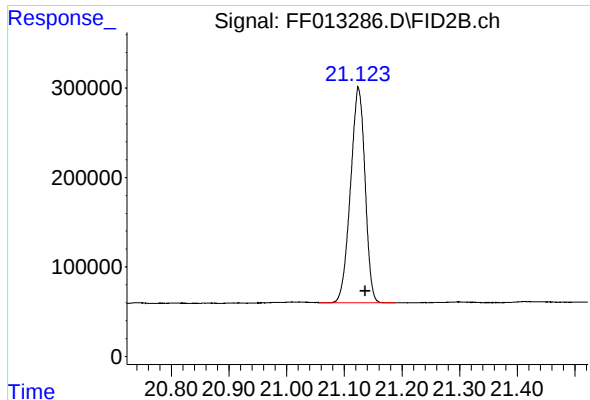
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.009 min
Response: 4593748
Conc: 43.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: -0.010 min
Response: 4208950
Conc: 39.93 ug/ml m



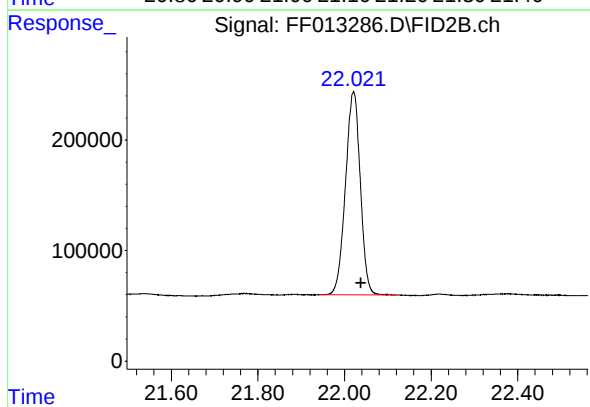
#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.012 min
Response: 4211875
Conc: 41.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.021 min
Delta R.T.: -0.017 min
Response: 4373483
Conc: 44.00 ug/ml