

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072123AL\
 Data File : FD046178.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jul 2023 20:11
 Operator : YP/AJ
 Sample : 03660-07MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :Ankita Jodhani 07/24/2023

Integration File: autoint1.e
 Quant Time: Jul 21 23:26:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 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)	11.406	5604064	32.143 ug/ml
Spiked Amount 50.000		Recovery =	64.29%
12) S 1-chlorooctadecane (S...	12.840	4064269	33.777 ug/ml
Spiked Amount 50.000		Recovery =	67.55%
Target Compounds			
1) T n-Nonane (C9)	3.248	7112022	45.110 ug/ml
2) T n-Decane (C10)	4.295	7452716	46.407 ug/ml
3) T A~Naphthalene (C11.7)	5.853	8166175	47.169 ug/ml
4) T n-Dodecane (C12)	6.292	7646547	47.307 ug/ml
5) T A~2-methylnaphthalene...	6.902	7887609	47.792 ug/ml
6) T n-Tetradecane (C14)	8.078	7449183	46.824 ug/ml
7) T n-Hexadecane (C16)	9.669	7386473	45.392 ug/ml
8) T n-Octadecane (C18)	11.103	7294525	45.222 ug/ml
10) T n-Eicosane (C20)	12.404	7143616	47.857 ug/ml
11) T n-Heneicosane (C21)	13.012	6835288	47.352 ug/ml
13) T n-Docosane (C22)	13.594	6708344	48.012 ug/ml
14) T n-Tetracosane (C24)	14.688	6271889	45.548 ug/ml
15) T n-Hexacosane (C26)	15.705	6093521	47.664 ug/ml
16) T n-Octacosane (C28)	16.646	6322711	51.925 ug/ml
17) T n-Tricontane (C30)	17.529	6364247	51.422 ug/ml
18) T n-Dotriacontane (C32)	18.354	6012292	49.238 ug/mlm
19) T n-Tetratriacontane (C34)	19.132	5654264	44.194 ug/mlm
20) T n-Hexatriacontane (C36)	19.867	5823931	50.853 ug/mlm
21) T n-Octatriacontane (C38)	20.568	5776072	51.304 ug/mlm
22) T n-Tetracontane (C40)	21.395	5543792	51.682 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : 03660-07MS
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ALS Vial : 21 Sample Multiplier: 1

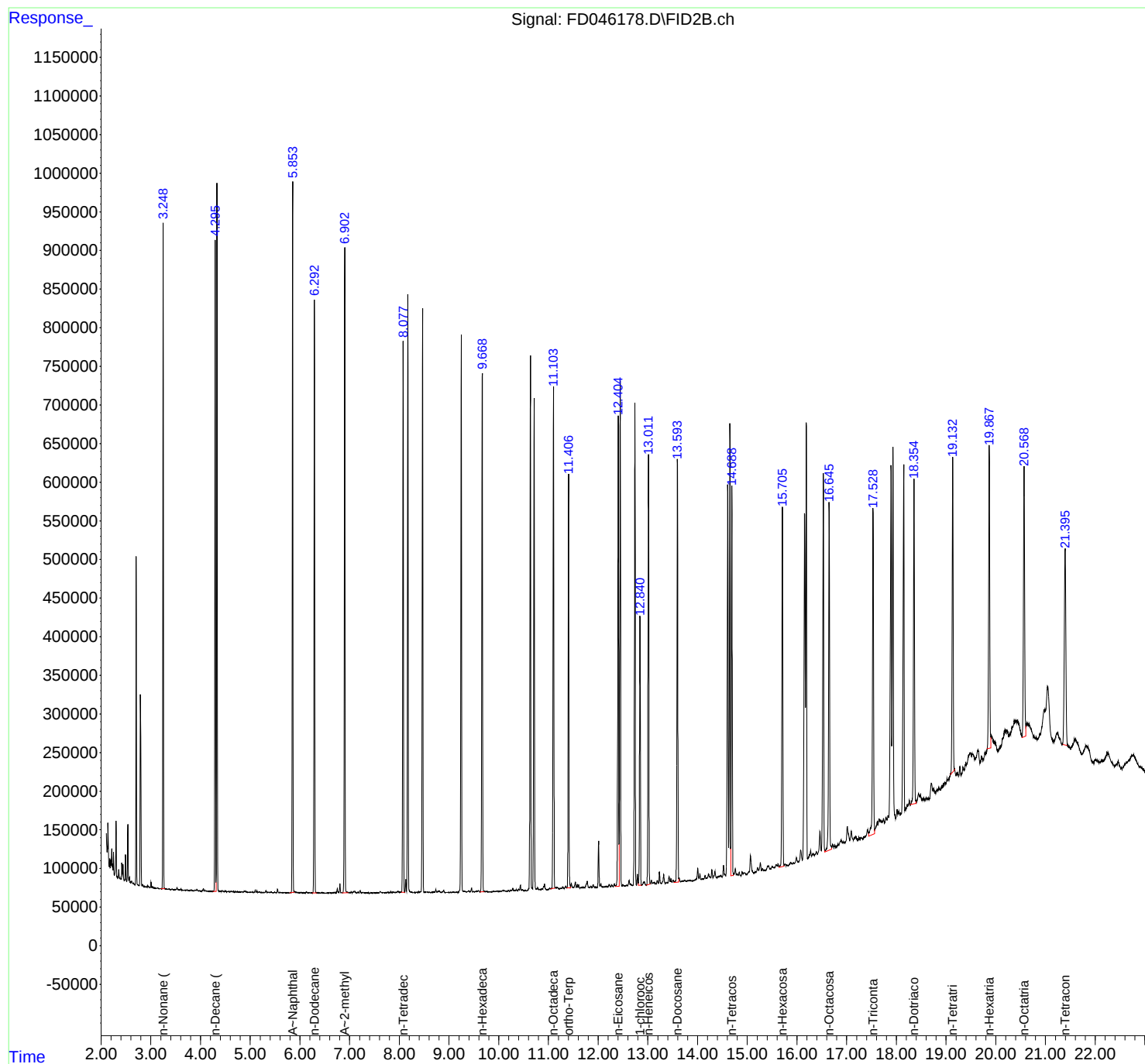
Instrument :
FID_D
ClientSampleId :
5MS

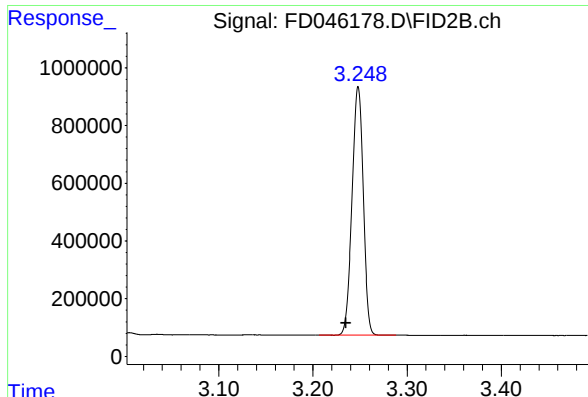
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.248 min
Delta R.T.: 0.013 min
Response: 7112022
Conc: 45.11 ug/ml

Instrument :

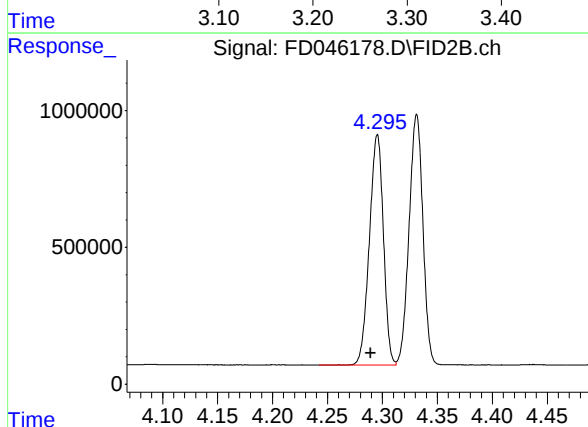
FID_D

ClientSampleId :

SMS

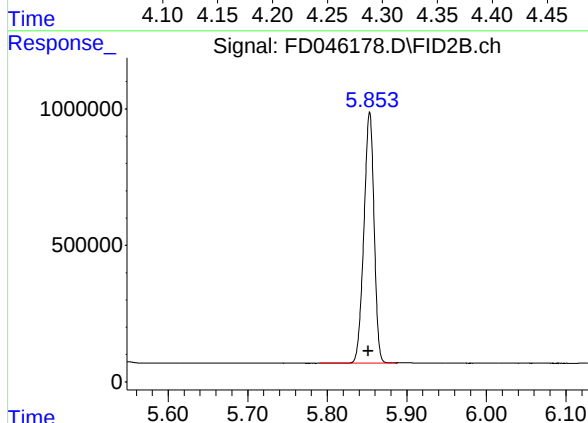
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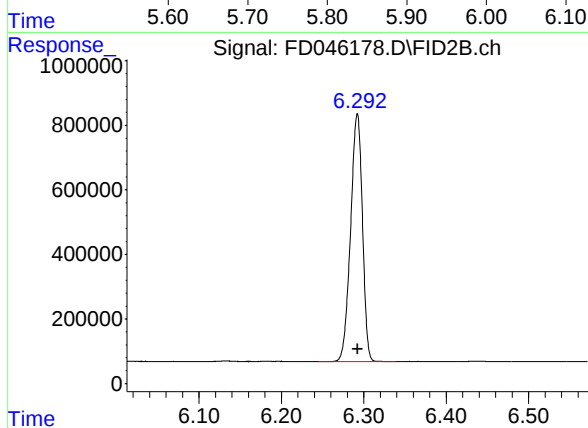
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: 0.006 min
Response: 7452716
Conc: 46.41 ug/ml



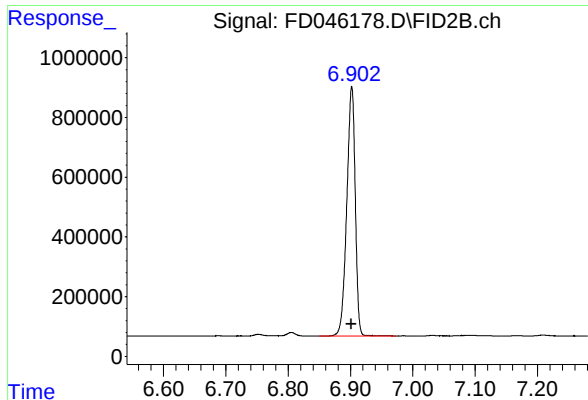
#3 A~Naphthalene (C11.7)

R.T.: 5.853 min
Delta R.T.: 0.002 min
Response: 8166175
Conc: 47.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.292 min
Delta R.T.: 0.000 min
Response: 7646547
Conc: 47.31 ug/ml



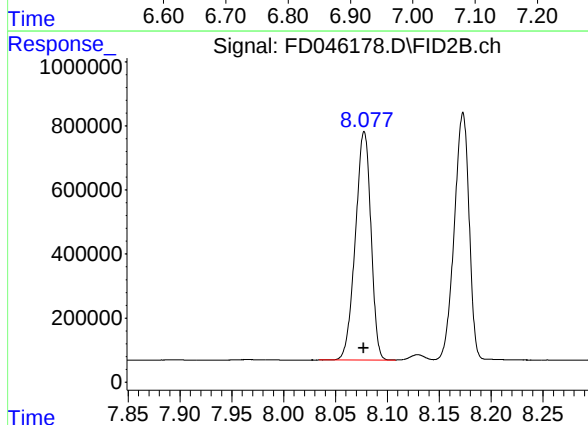
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.902 min
Delta R.T.: 0.000 min
Response: 7887609
Conc: 47.79 ug/ml

Instrument :
FID_D
ClientSampleId :
SMS

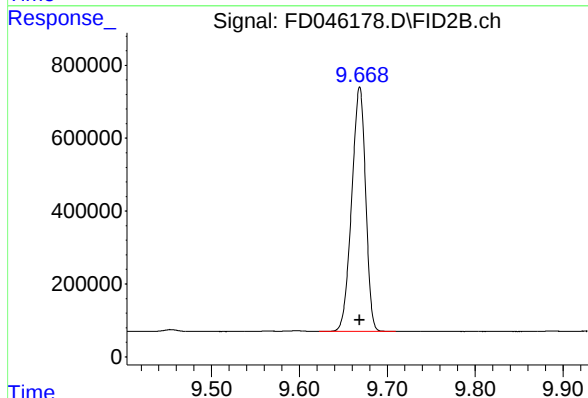
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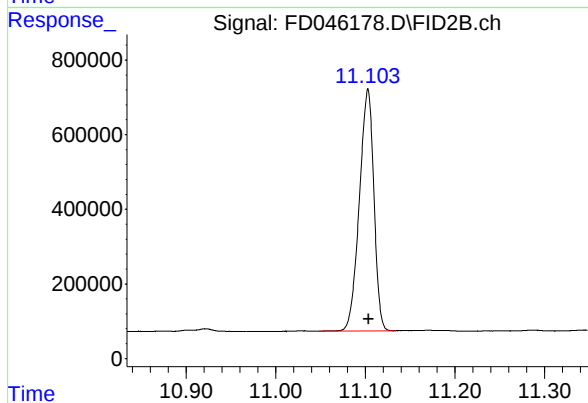
#6 n-Tetradecane (C14)

R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 7449183
Conc: 46.82 ug/ml



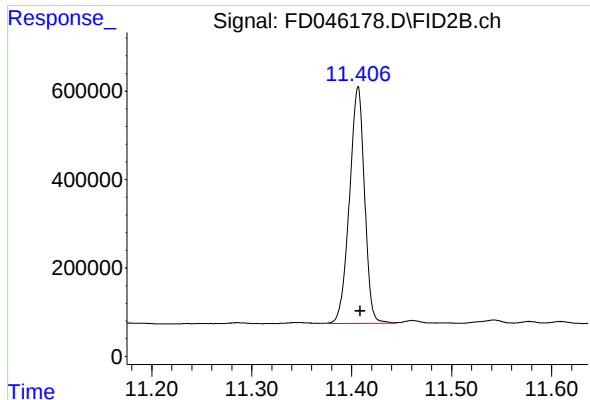
#7 n-Hexadecane (C16)

R.T.: 9.669 min
Delta R.T.: 0.000 min
Response: 7386473
Conc: 45.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.103 min
Delta R.T.: 0.000 min
Response: 7294525
Conc: 45.22 ug/ml



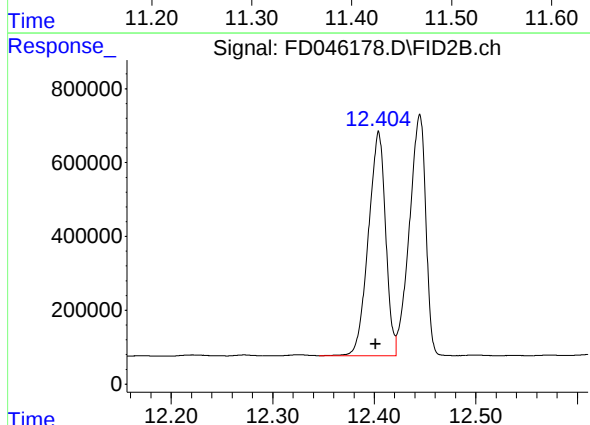
#9 ortho-Terphenyl (SURR)

R.T.: 11.406 min
Delta R.T.: -0.002 min
Response: 5604064
Conc: 32.14 ug/ml

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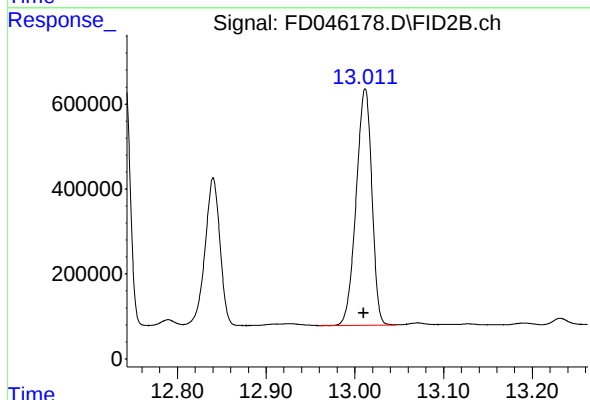
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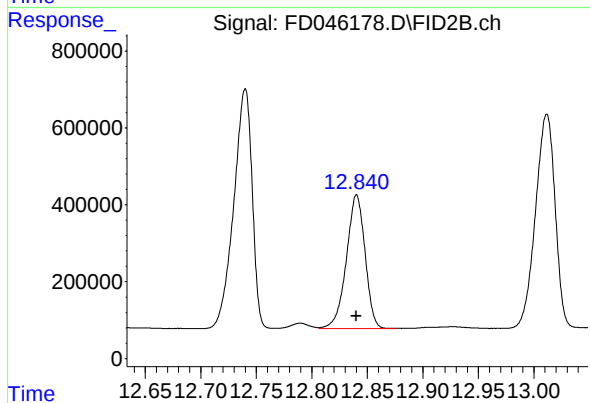
#10 n-Eicosane (C20)

R.T.: 12.404 min
Delta R.T.: 0.003 min
Response: 7143616
Conc: 47.86 ug/ml



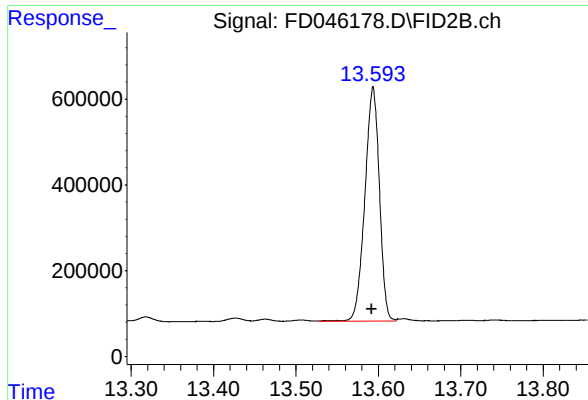
#11 n-Heneicosane (C21)

R.T.: 13.012 min
Delta R.T.: 0.002 min
Response: 6835288
Conc: 47.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.840 min
Delta R.T.: 0.000 min
Response: 4064269
Conc: 33.78 ug/ml



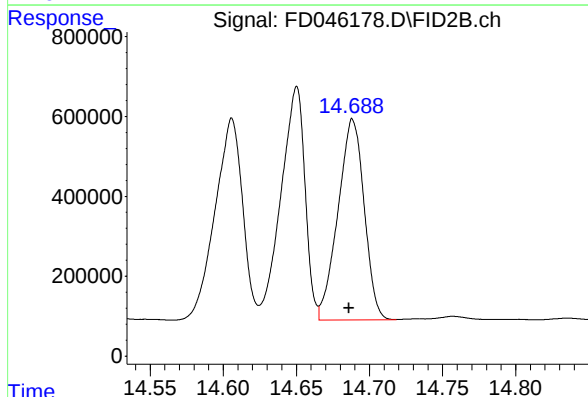
#13 n-Docosane (C22)

R.T.: 13.594 min
Delta R.T.: 0.002 min
Response: 6708344
Conc: 48.01 ug/ml

Instrument :
FID_D
ClientSampleId :
SMS

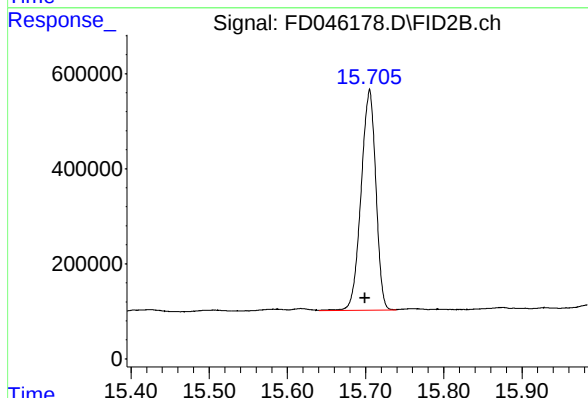
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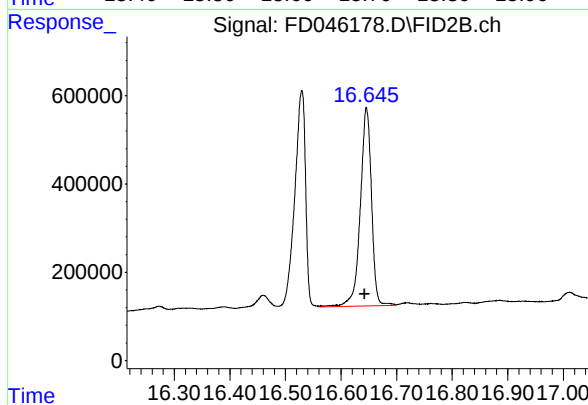
#14 n-Tetracosane (C24)

R.T.: 14.688 min
Delta R.T.: 0.003 min
Response: 6271889
Conc: 45.55 ug/ml



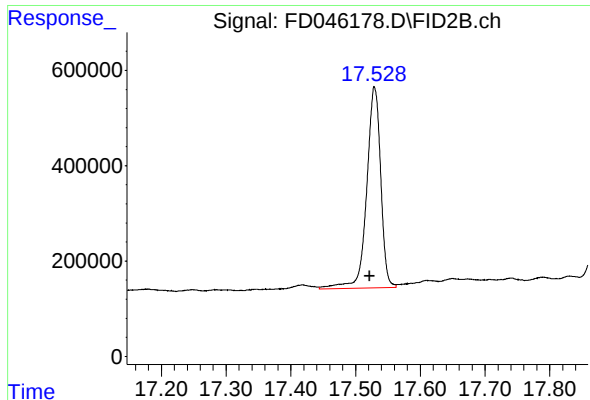
#15 n-Hexacosane (C26)

R.T.: 15.705 min
Delta R.T.: 0.006 min
Response: 6093521
Conc: 47.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.646 min
Delta R.T.: 0.004 min
Response: 6322711
Conc: 51.92 ug/ml



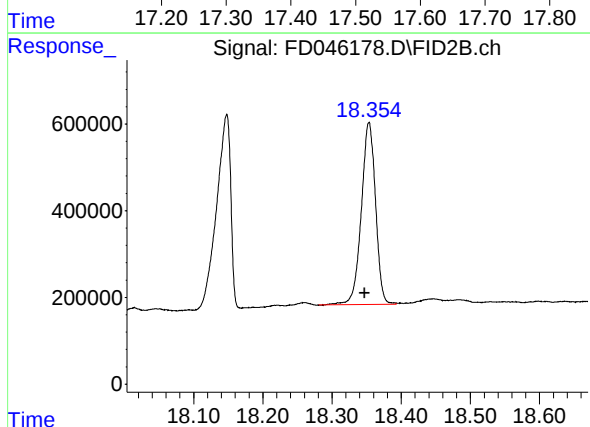
#17 n-Tricontane (C30)

R.T.: 17.529 min
Delta R.T.: 0.008 min
Response: 6364247
Conc: 51.42 ug/ml

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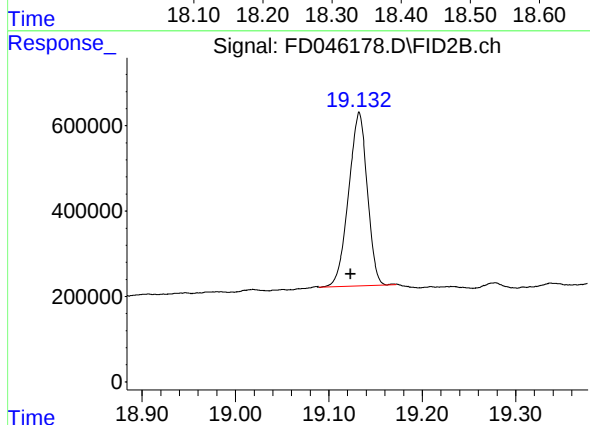
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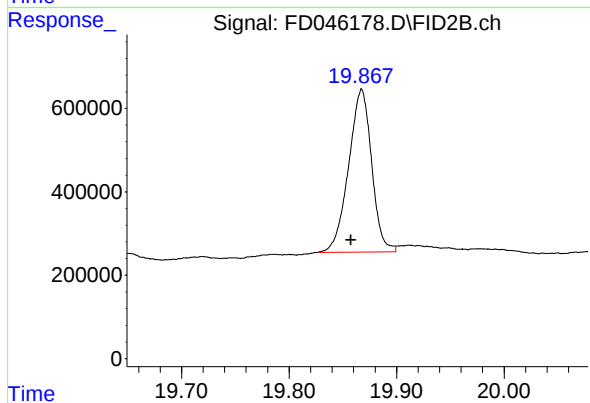
#18 n-Dotriacontane (C32)

R.T.: 18.354 min
Delta R.T.: 0.007 min
Response: 6012292
Conc: 49.24 ug/ml m



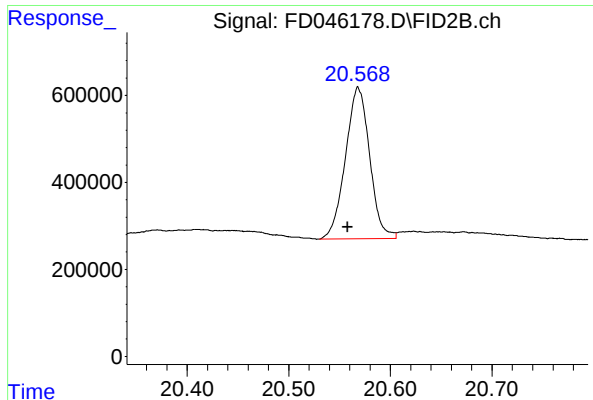
#19 n-Tetratriacontane (C34)

R.T.: 19.132 min
Delta R.T.: 0.008 min
Response: 5654264
Conc: 44.19 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.867 min
Delta R.T.: 0.009 min
Response: 5823931
Conc: 50.85 ug/ml m



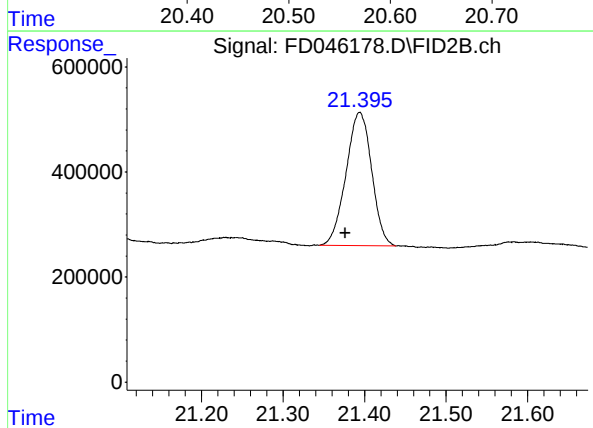
#21 n-Octatriacontane (C38)

R.T.: 20.568 min
Delta R.T.: 0.010 min
Response: 5776072
Conc: 51.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.395 min
Delta R.T.: 0.018 min
Response: 5543792
Conc: 51.68 ug/ml m