

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060524AL\
 Data File : FE048567.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jun 2024 14:24
 Operator : YP\AJ
 Sample : PB161330BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161330BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2024
 Supervised By :Ankita Jodhani 06/06/2024

Integration File: autoint1.e
 Quant Time: Jun 06 01:35:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 2024
 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)	11.948	7395563	51.503 ug/ml
Spiked Amount 50.000		Recovery =	103.01%
12) S 1-chlorooctadecane (S...	13.382	6203578	56.944 ug/ml
Spiked Amount 50.000		Recovery =	113.89%
Target Compounds			
1) T n-Nonane (C9)	3.348	7016633	46.932 ug/ml
2) T n-Decane (C10)	4.591	7472329	49.485 ug/ml
3) T A~Naphthalene (C11.7)	6.291	8267560	55.525 ug/ml
4) T n-Dodecane (C12)	6.750	7554087	51.032 ug/ml
5) T A~2-methylnaphthalene...	7.386	8373895	60.394 ug/ml
6) T n-Tetradecane (C14)	8.580	8224251	57.985 ug/ml
7) T n-Hexadecane (C16)	10.185	8515033	60.399 ug/ml
8) T n-Octadecane (C18)	11.629	8422612	60.644 ug/ml
10) T n-Eicosane (C20)	12.938	8381048	63.332 ug/ml
11) T n-Heneicosane (C21)	13.549	8096476	62.507 ug/ml
13) T n-Docosane (C22)	14.135	8043715	62.421 ug/ml
14) T n-Tetracosane (C24)	15.230	15124323	116.745 ug/ml
15) T n-Hexacosane (C26)	16.258	8055654	62.155 ug/ml
16) T n-Octacosane (C28)	17.206	8361359	64.690 ug/ml
17) T n-Tricontane (C30)	18.093	8288345	61.871 ug/ml
18) T n-Dotriacontane (C32)	18.924	8571503	63.146 ug/ml
19) T n-Tetratriacontane (C34)	19.707	8676888	63.427 ug/ml
20) T n-Hexatriacontane (C36)	20.447	8688969	63.920 ug/ml
21) T n-Octatriacontane (C38)	21.186	8837992	64.808 ug/ml
22) T n-Tetracontane (C40)	22.101	8495743	62.048 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB161330BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

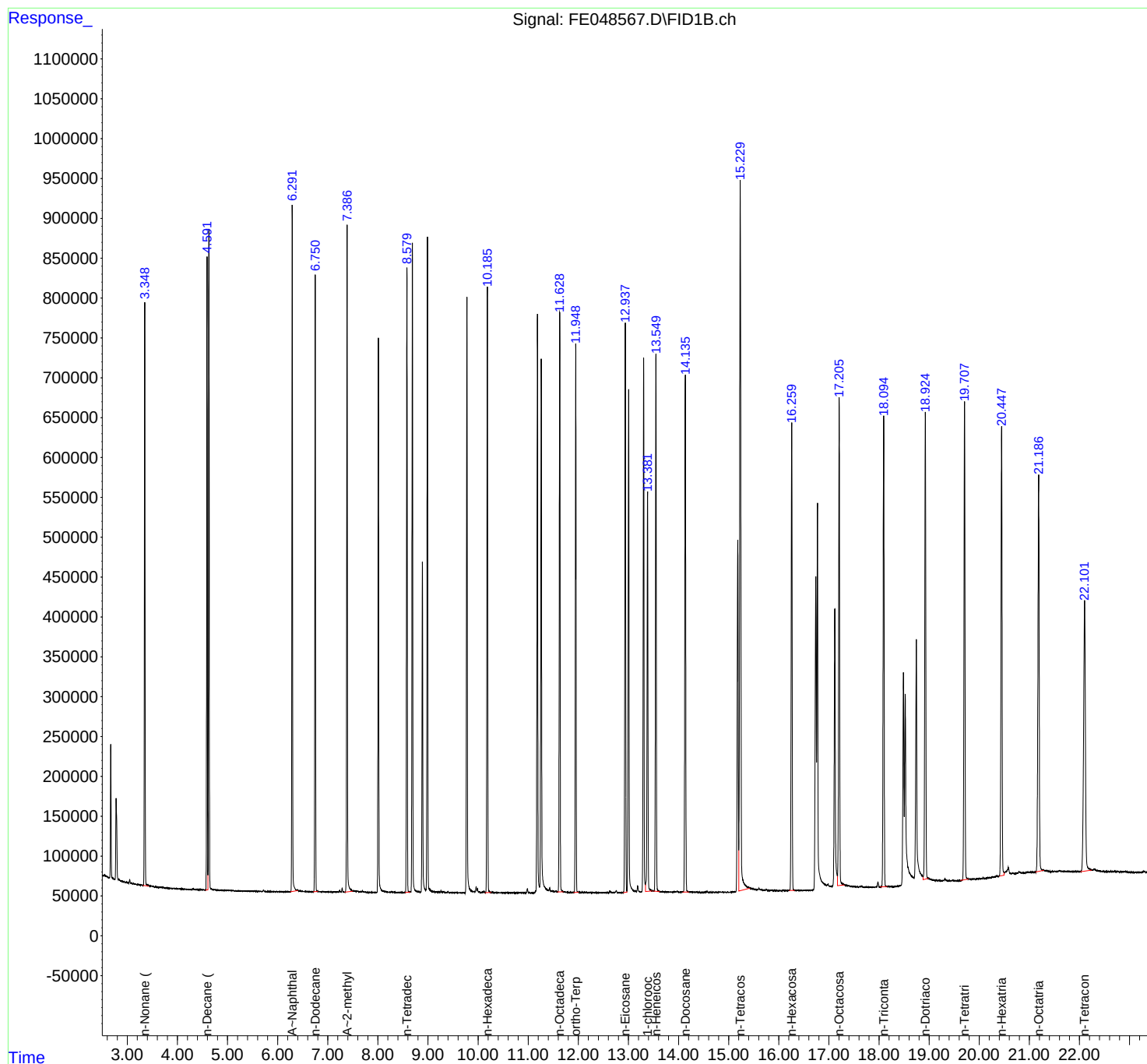
Instrument :
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PB161330BSD

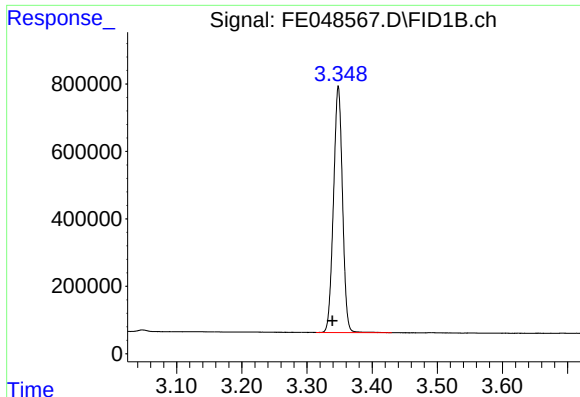
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: 0.009 min
Response: 7016633
Conc: 46.93 ug/ml

Instrument :

FID_E

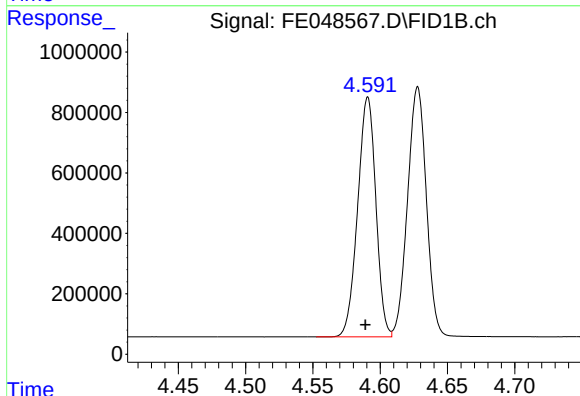
ClientSampleId :

PB161330BSD

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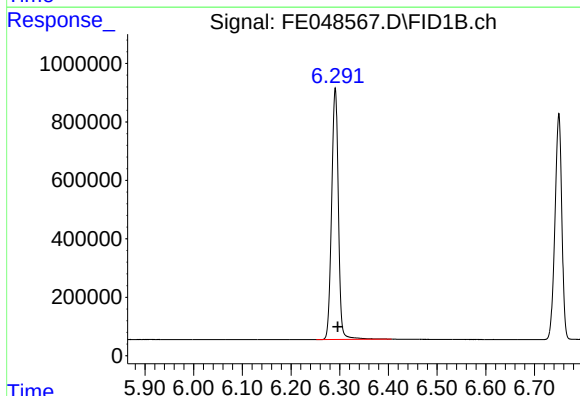
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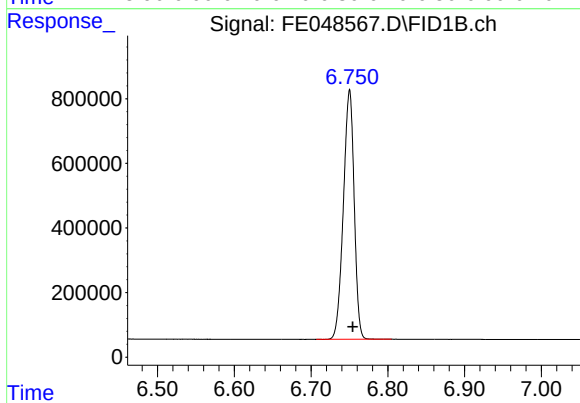
#2 n-Decane (C10)

R.T.: 4.591 min
Delta R.T.: 0.002 min
Response: 7472329
Conc: 49.49 ug/ml



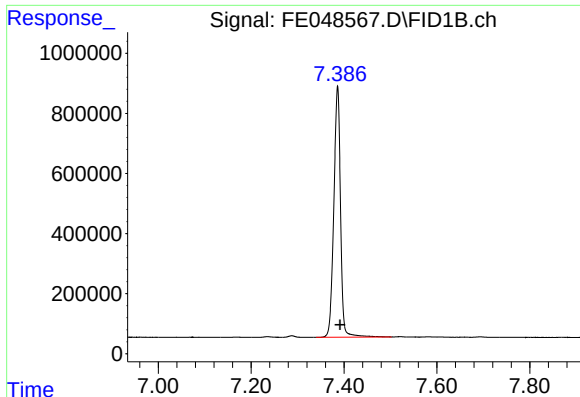
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.005 min
Response: 8267560
Conc: 55.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 7554087
Conc: 51.03 ug/ml



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

R.T.: 7.386 min
Delta R.T.: -0.005 min
Response: 8373895
Conc: 60.39 ug/ml

Instrument :

FID_E

ClientSampleId :

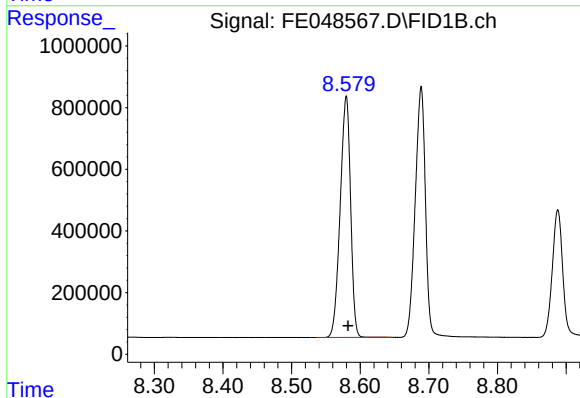
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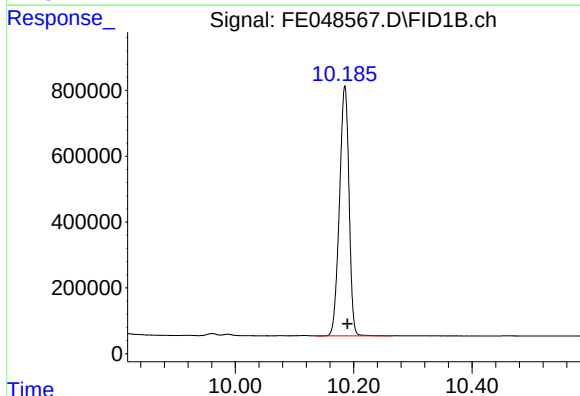
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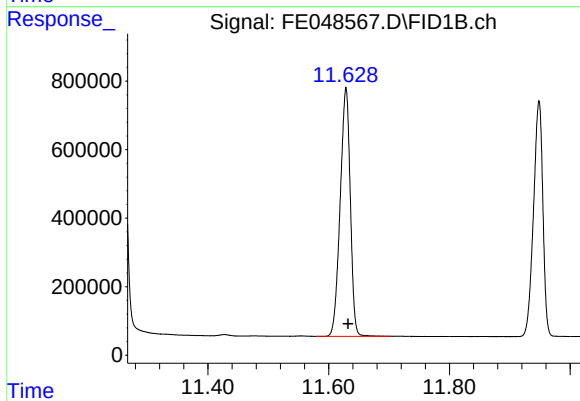
#6 n-Tetradecane (C14)

R.T.: 8.580 min
Delta R.T.: -0.003 min
Response: 8224251
Conc: 57.99 ug/ml



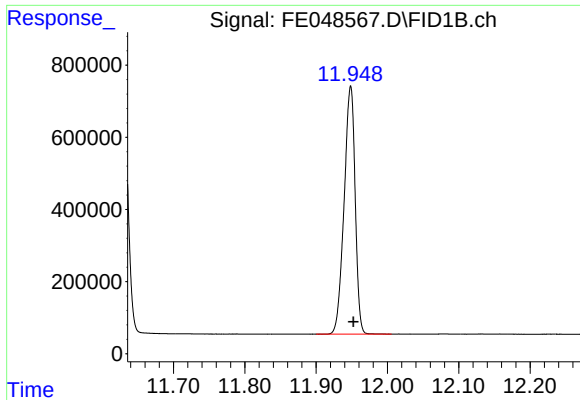
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.004 min
Response: 8515033
Conc: 60.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.629 min
Delta R.T.: -0.003 min
Response: 8422612
Conc: 60.64 ug/ml



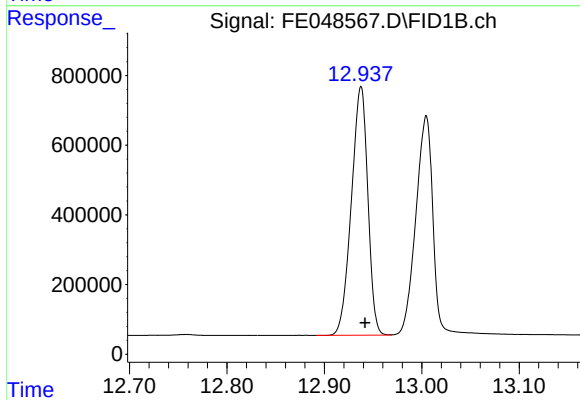
#9 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: -0.004 min
Response: 7395563
Conc: 51.50 ug/ml

Instrument :
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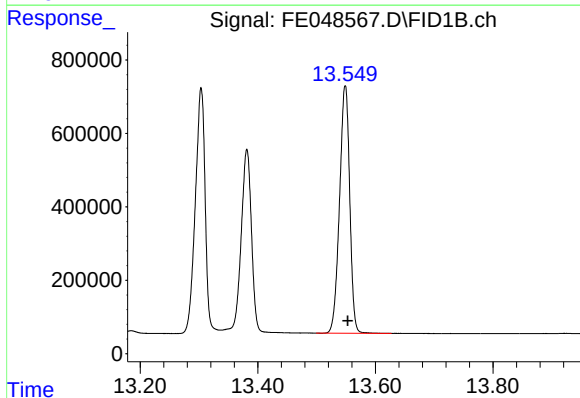
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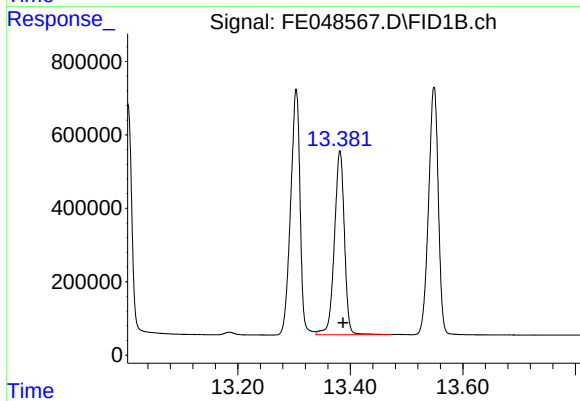
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: -0.004 min
Response: 8381048
Conc: 63.33 ug/ml



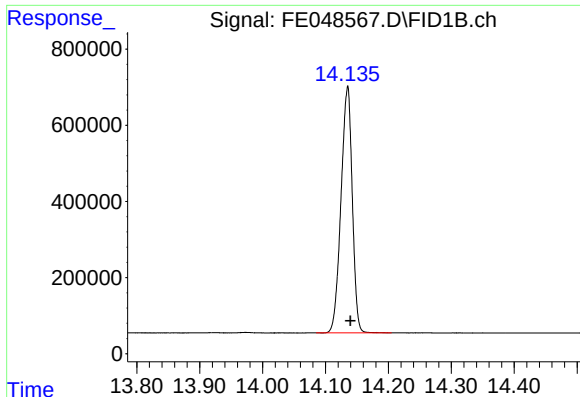
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: -0.004 min
Response: 8096476
Conc: 62.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min
Delta R.T.: -0.005 min
Response: 6203578
Conc: 56.94 ug/ml



#13 n-Docosane (C22)

R.T.: 14.135 min
Delta R.T.: -0.004 min
Response: 8043715
Conc: 62.42 ug/ml

Instrument :

FID_E

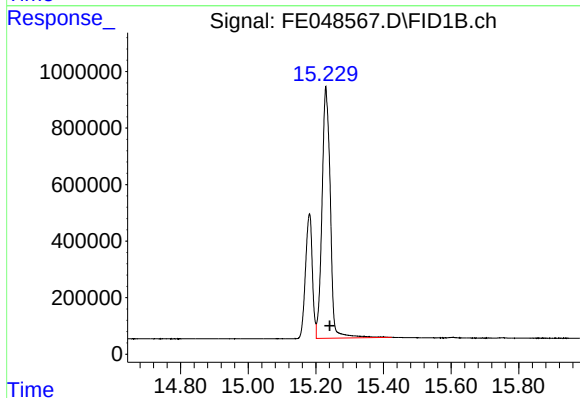
ClientSampleId :

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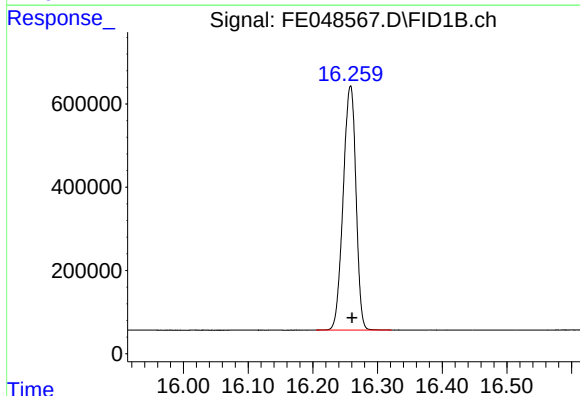
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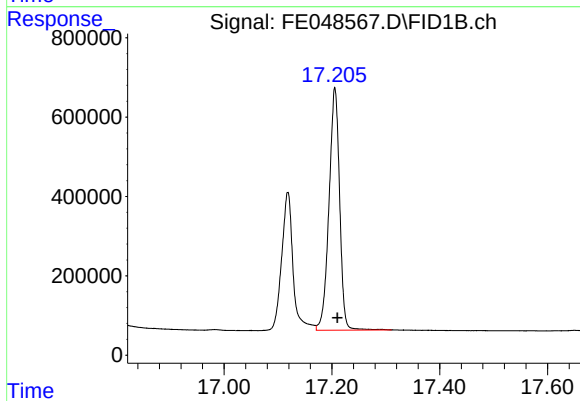
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.012 min
Response: 15124323
Conc: 116.75 ug/ml



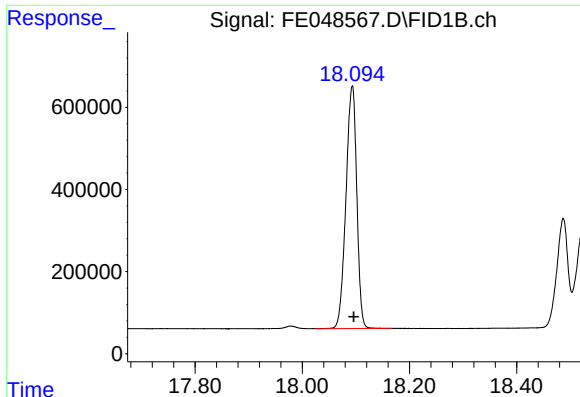
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: -0.002 min
Response: 8055654
Conc: 62.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.005 min
Response: 8361359
Conc: 64.69 ug/ml



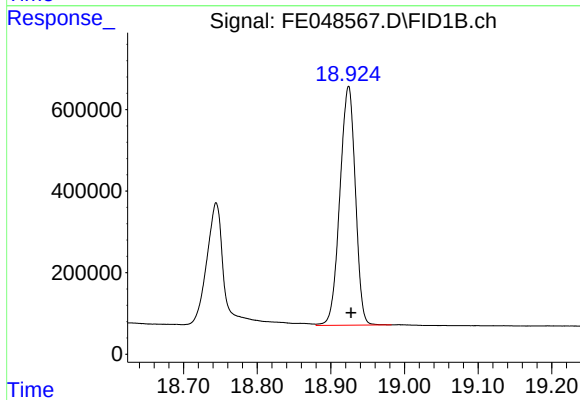
#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: -0.003 min
Response: 8288345
Conc: 61.87 ug/ml

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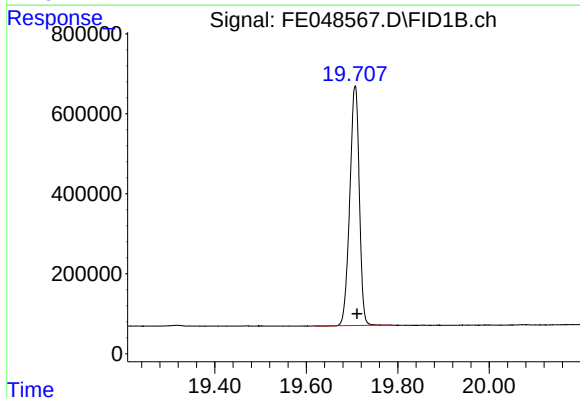
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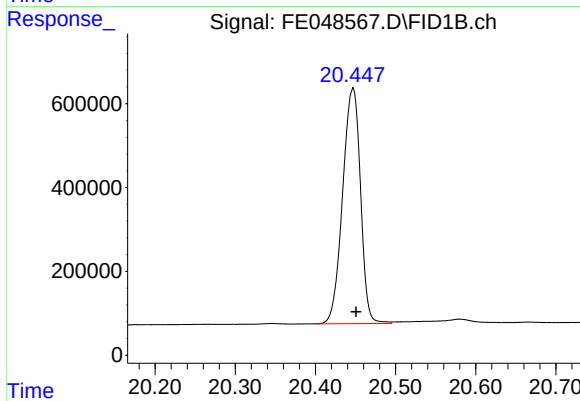
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.003 min
Response: 8571503
Conc: 63.15 ug/ml



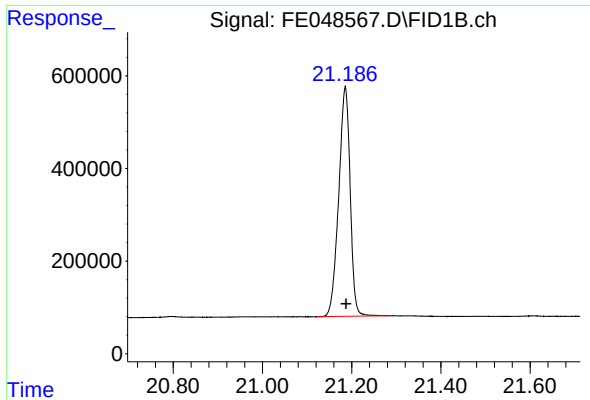
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.004 min
Response: 8676888
Conc: 63.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.447 min
Delta R.T.: -0.004 min
Response: 8688969
Conc: 63.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.002 min
Response: 8837992
Conc: 64.81 ug/ml

Instrument :

FID_E

ClientSampleId :

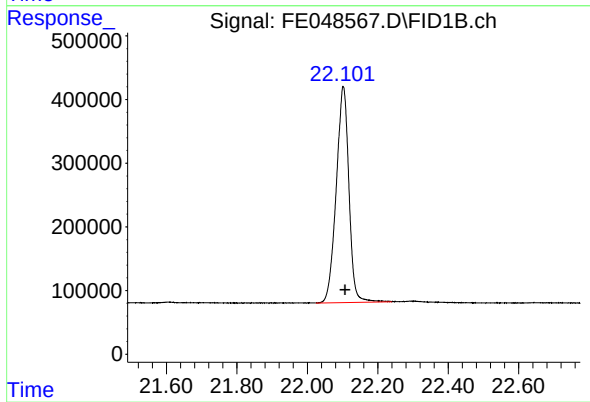
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#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: -0.007 min
Response: 8495743
Conc: 62.05 ug/ml m