

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047200.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 17:39
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 09 05:31:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:30:56 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)	11.361	8982162	49.759 ug/ml
Spiked Amount 50.000		Recovery =	99.52%
12) S 1-chlorooctadecane (S...	12.796	6912272	49.771 ug/ml
Spiked Amount 50.000		Recovery =	99.54%
Target Compounds			
1) T n-Nonane (C9)	3.200	7735155	50.028 ug/ml
2) T n-Decane (C10)	4.252	7908007	50.122 ug/ml
3) T A~Naphthalene (C11.7)	5.808	8695284	50.181 ug/ml
4) T n-Dodecane (C12)	6.252	8021233	49.984 ug/ml
5) T A~2-methylnaphthalene...	6.857	8513629	50.546 ug/ml
6) T n-Tetradecane (C14)	8.035	8018959	49.910 ug/ml
7) T n-Hexadecane (C16)	9.625	8333715	49.752 ug/ml
8) T n-Octadecane (C18)	11.060	8459895	49.495 ug/ml
10) T n-Eicosane (C20)	12.358	8166568	49.501 ug/ml
11) T n-Heneicosane (C21)	12.966	8055101	49.526 ug/ml
13) T n-Docosane (C22)	13.548	8006922	49.527 ug/ml
14) T n-Tetracosane (C24)	14.642	7936889	49.647 ug/ml
15) T n-Hexacosane (C26)	15.656	7755995	49.753 ug/ml
16) T n-Octacosane (C28)	16.597	7478722	49.718 ug/ml
17) T n-Tricontane (C30)	17.477	7367804	49.658 ug/ml
18) T n-Dotriacontane (C32)	18.302	6985023	49.638 ug/ml
19) T n-Tetratriacontane (C34)	19.079	6589867	49.968 ug/ml
20) T n-Hexatriacontane (C36)	19.813	6219782	50.735 ug/ml
21) T n-Octatriacontane (C38)	20.509	6023237	51.156 ug/ml
22) T n-Tetracontane (C40)	21.314	5880867	51.785 ug/ml

(f)=RT Delta > 1/2 Window

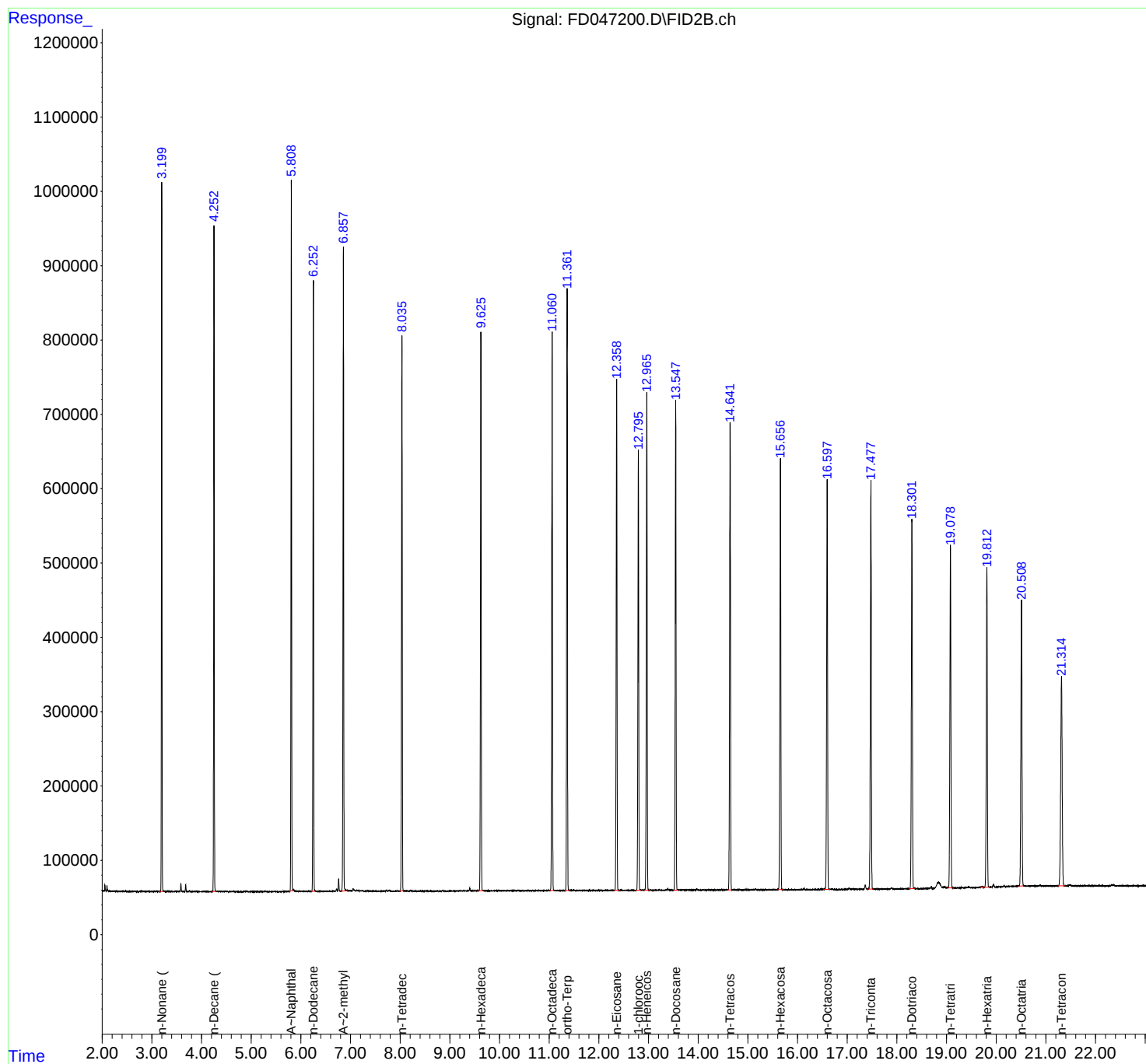
(m)=manual int.

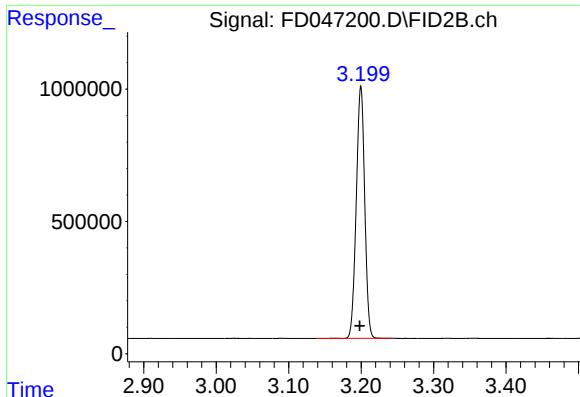
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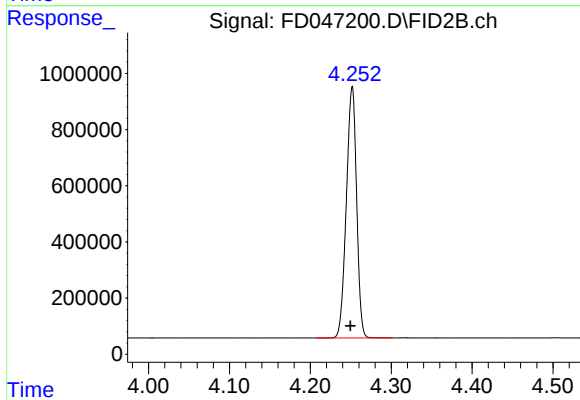




#1 n-Nonane (C9)

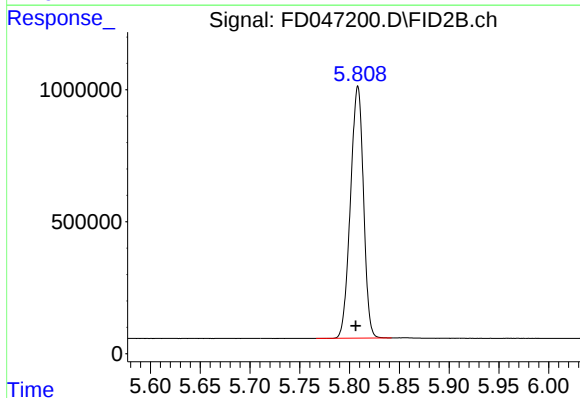
R.T.: 3.200 min
Delta R.T.: 0.002 min
Response: 7735155
Conc: 50.03 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



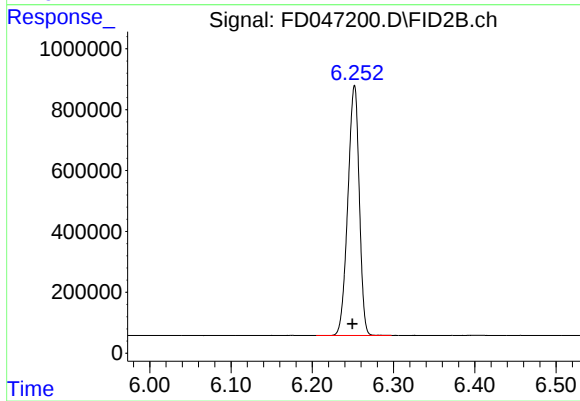
#2 n-Decane (C10)

R.T.: 4.252 min
Delta R.T.: 0.002 min
Response: 7908007
Conc: 50.12 ug/ml



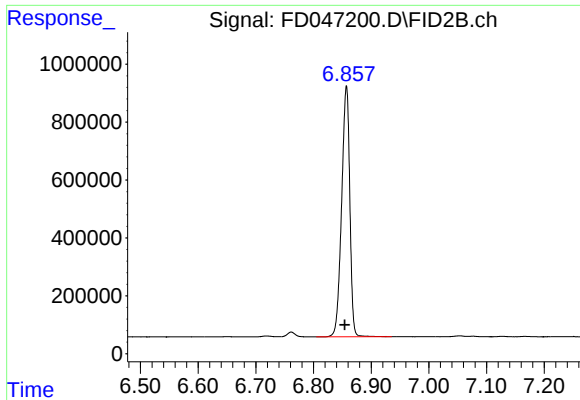
#3 A~Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: 0.002 min
Response: 8695284
Conc: 50.18 ug/ml



#4 n-Dodecane (C12)

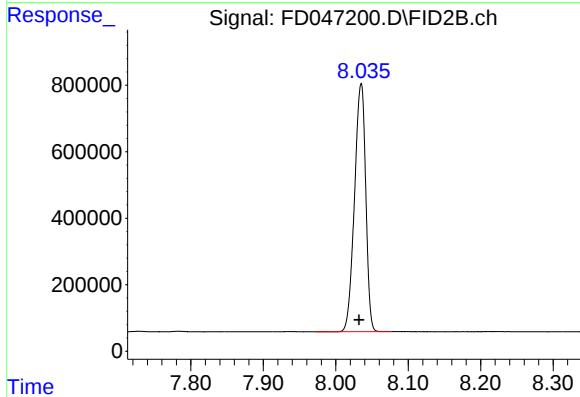
R.T.: 6.252 min
Delta R.T.: 0.003 min
Response: 8021233
Conc: 49.98 ug/ml



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

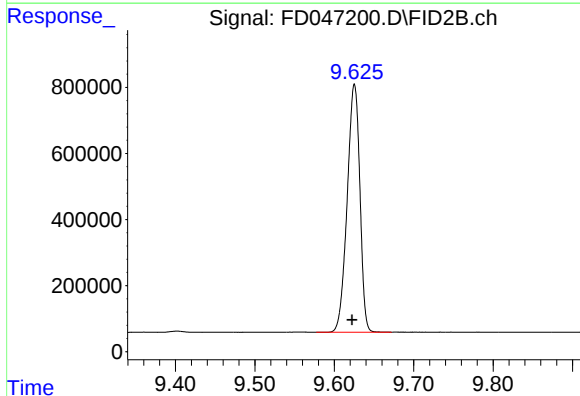
R.T.: 6.857 min
Delta R.T.: 0.003 min
Response: 8513629
Conc: 50.55 ug/ml

Instrument :
FID_D
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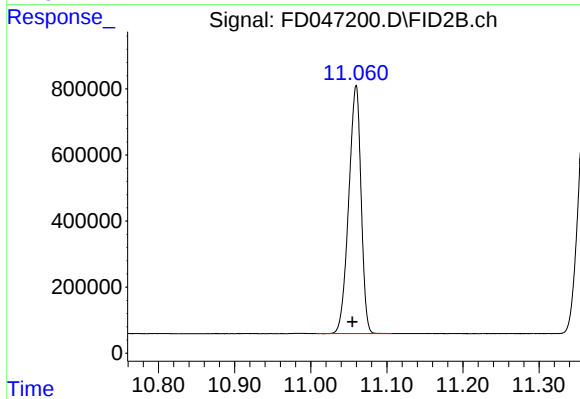
#6 n-Tetradecane (C14)

R.T.: 8.035 min
Delta R.T.: 0.003 min
Response: 8018959
Conc: 49.91 ug/ml



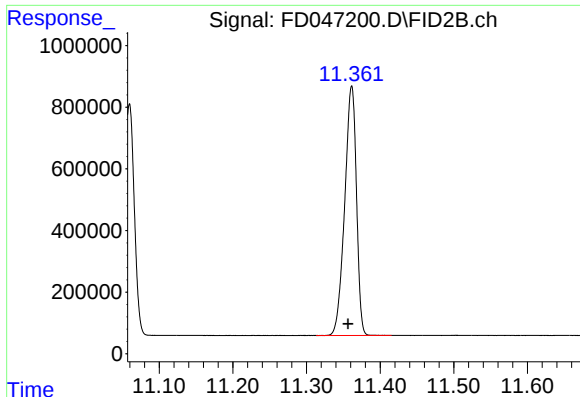
#7 n-Hexadecane (C16)

R.T.: 9.625 min
Delta R.T.: 0.003 min
Response: 8333715
Conc: 49.75 ug/ml



#8 n-Octadecane (C18)

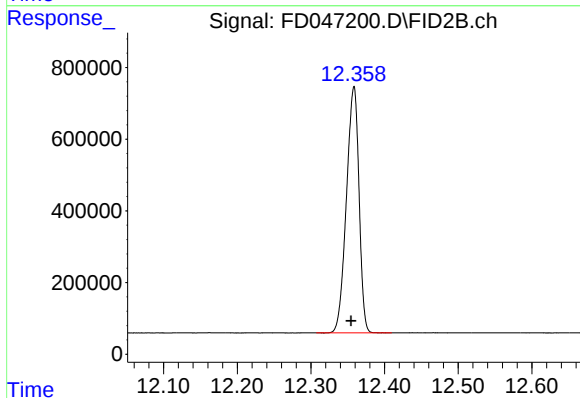
R.T.: 11.060 min
Delta R.T.: 0.005 min
Response: 8459895
Conc: 49.49 ug/ml



#9 ortho-Terphenyl (SURR)

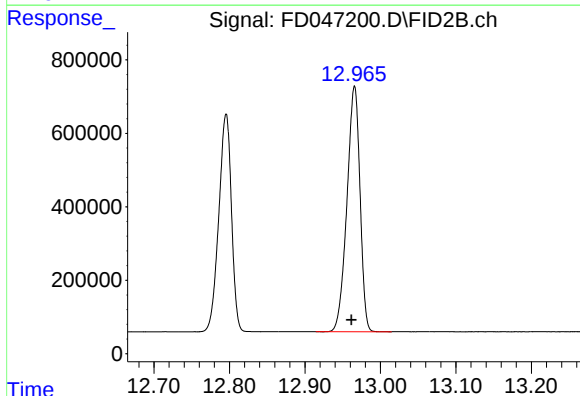
R.T.: 11.361 min
Delta R.T.: 0.005 min
Response: 8982162
Conc: 49.76 ug/ml

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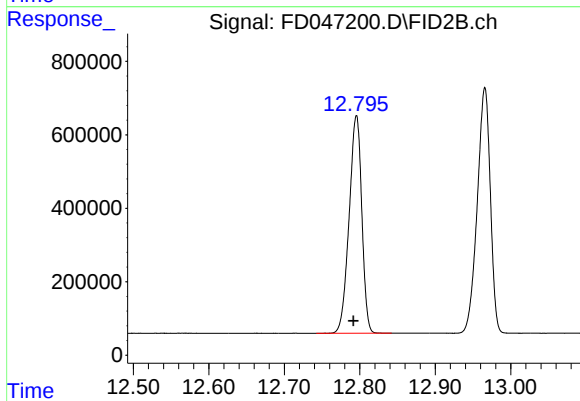
#10 n-Eicosane (C20)

R.T.: 12.358 min
Delta R.T.: 0.004 min
Response: 8166568
Conc: 49.50 ug/ml



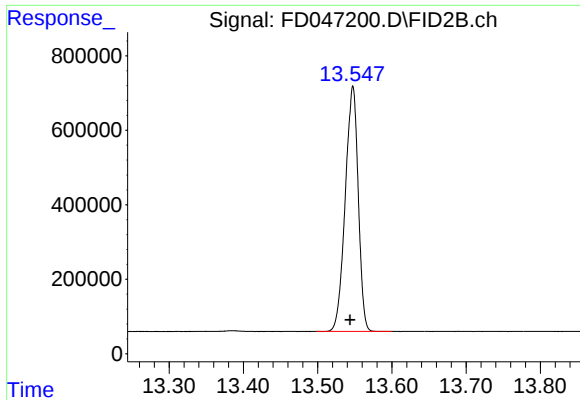
#11 n-Heneicosane (C21)

R.T.: 12.966 min
Delta R.T.: 0.004 min
Response: 8055101
Conc: 49.53 ug/ml



#12 1-chlorooctadecane (SURR)

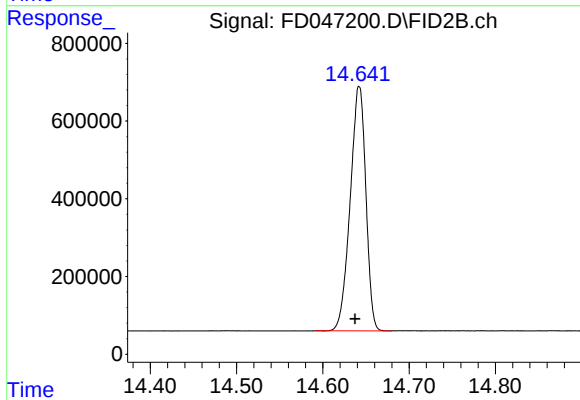
R.T.: 12.796 min
Delta R.T.: 0.004 min
Response: 6912272
Conc: 49.77 ug/ml



#13 n-Docosane (C22)

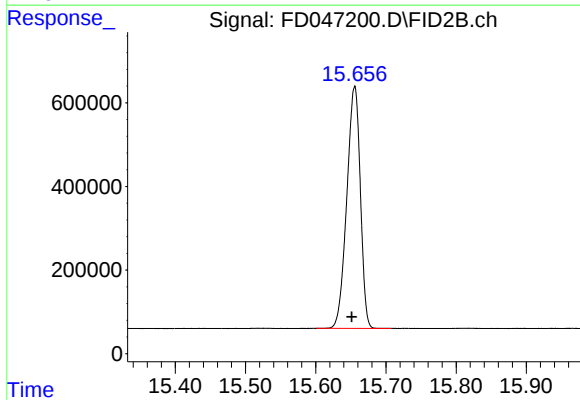
R.T.: 13.548 min
Delta R.T.: 0.004 min
Response: 8006922
Conc: 49.53 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



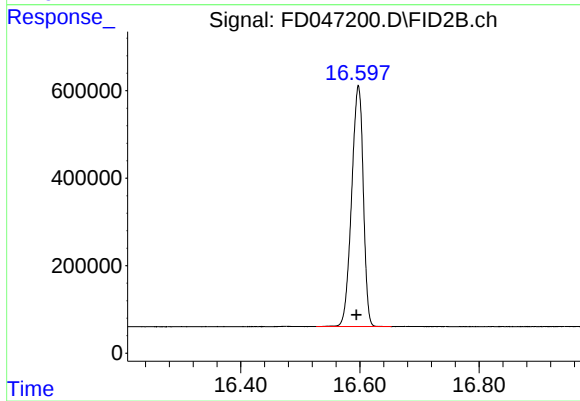
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: 0.005 min
Response: 7936889
Conc: 49.65 ug/ml



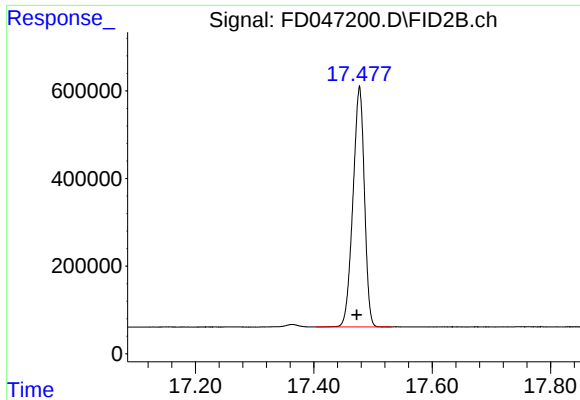
#15 n-Hexacosane (C26)

R.T.: 15.656 min
Delta R.T.: 0.004 min
Response: 7755995
Conc: 49.75 ug/ml



#16 n-Octacosane (C28)

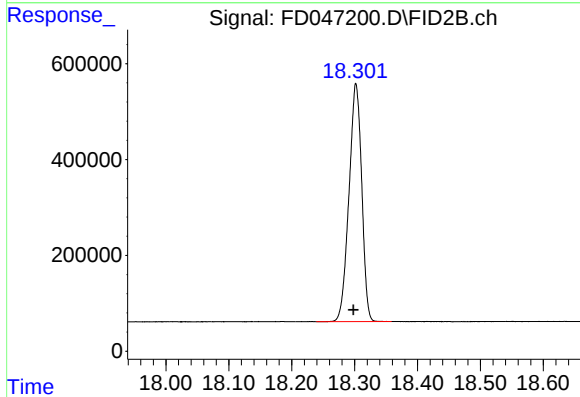
R.T.: 16.597 min
Delta R.T.: 0.003 min
Response: 7478722
Conc: 49.72 ug/ml



#17 n-Tricontane (C30)

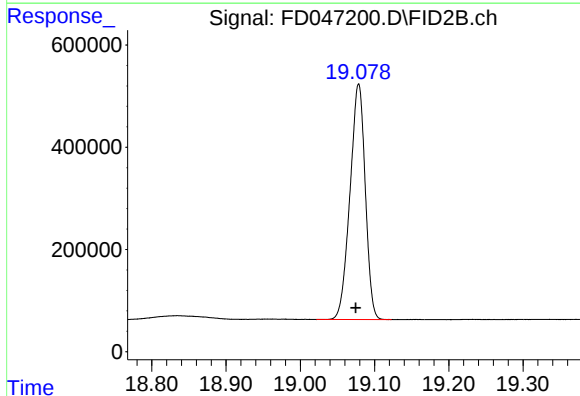
R.T.: 17.477 min
Delta R.T.: 0.005 min
Response: 7367804
Conc: 49.66 ug/ml

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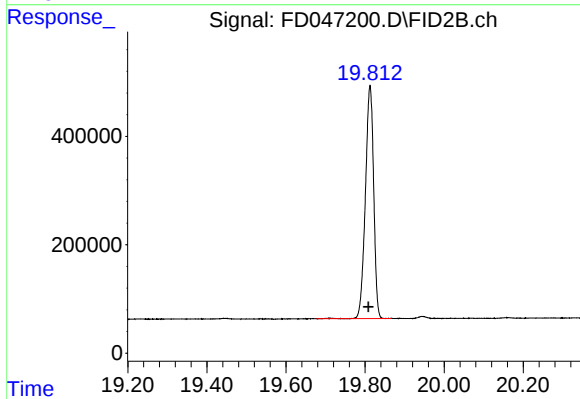
#18 n-Dotriacontane (C32)

R.T.: 18.302 min
Delta R.T.: 0.004 min
Response: 6985023
Conc: 49.64 ug/ml



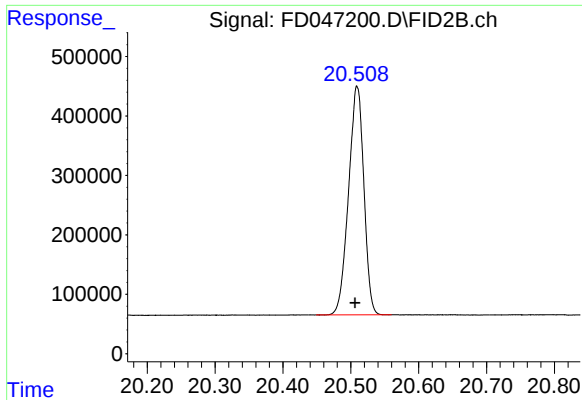
#19 n-Tetratriacontane (C34)

R.T.: 19.079 min
Delta R.T.: 0.004 min
Response: 6589867
Conc: 49.97 ug/ml



#20 n-Hexatriacontane (C36)

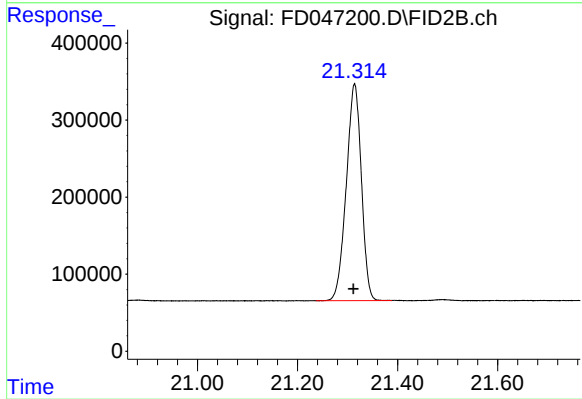
R.T.: 19.813 min
Delta R.T.: 0.004 min
Response: 6219782
Conc: 50.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.509 min
Delta R.T.: 0.003 min
Response: 6023237
Conc: 51.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.314 min
Delta R.T.: 0.003 min
Response: 5880867
Conc: 51.78 ug/ml