

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041525AL\
 Data File : FC068610.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2025 14:36
 Operator : YP/AJ
 Sample : PB167597BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167597BSD

Integration File: autoint1.e
 Quant Time: Apr 15 20:59:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 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)	11.724	4344386	34.117 ug/ml
Spiked Amount 50.000		Recovery =	68.23%
12) S 1-chlorooctadecane (S...	13.157	3269910	35.200 ug/ml
Spiked Amount 50.000		Recovery =	70.40%
Target Compounds			
1) T n-Nonane (C9)	3.460	5798767	55.057 ug/ml
2) T n-Decane (C10)	4.531	6049697	57.419 ug/ml
3) T A~Naphthalene (C11.7)	6.126	6807344	58.452 ug/ml
4) T n-Dodecane (C12)	6.553	5985426	56.916 ug/ml
5) T A~2-methylnaphthalene...	7.185	6114242	52.938 ug/ml
6) T n-Tetradecane (C14)	8.353	5762770	56.056 ug/ml
7) T n-Hexadecane (C16)	9.956	5731728	56.281 ug/ml
8) T n-Octadecane (C18)	11.400	5637654	56.022 ug/ml
10) T n-Eicosane (C20)	12.713	5758826	58.548 ug/ml
11) T n-Heneicosane (C21)	13.324	5528980	56.733 ug/ml
13) T n-Docosane (C22)	13.912	5492784	56.864 ug/ml
14) T n-Tetracosane (C24)	15.015	11674442	122.651 ug/ml
15) T n-Hexacosane (C26)	16.042	5479783	58.667 ug/ml
16) T n-Octacosane (C28)	16.993	5563765	60.768 ug/ml
17) T n-Tricontane (C30)	17.884	5587653	60.780 ug/ml
18) T n-Dotriacontane (C32)	18.718	5569319	60.715 ug/ml
19) T n-Tetratriacontane (C34)	19.504	5625791	62.971 ug/ml
20) T n-Hexatriacontane (C36)	20.247	5424991	60.561 ug/ml
21) T n-Octatriacontane (C38)	21.028	5364485	60.676 ug/ml
22) T n-Tetracontane (C40)	22.010	5168042	58.524 ug/ml

(f)=RT Delta > 1/2 Window

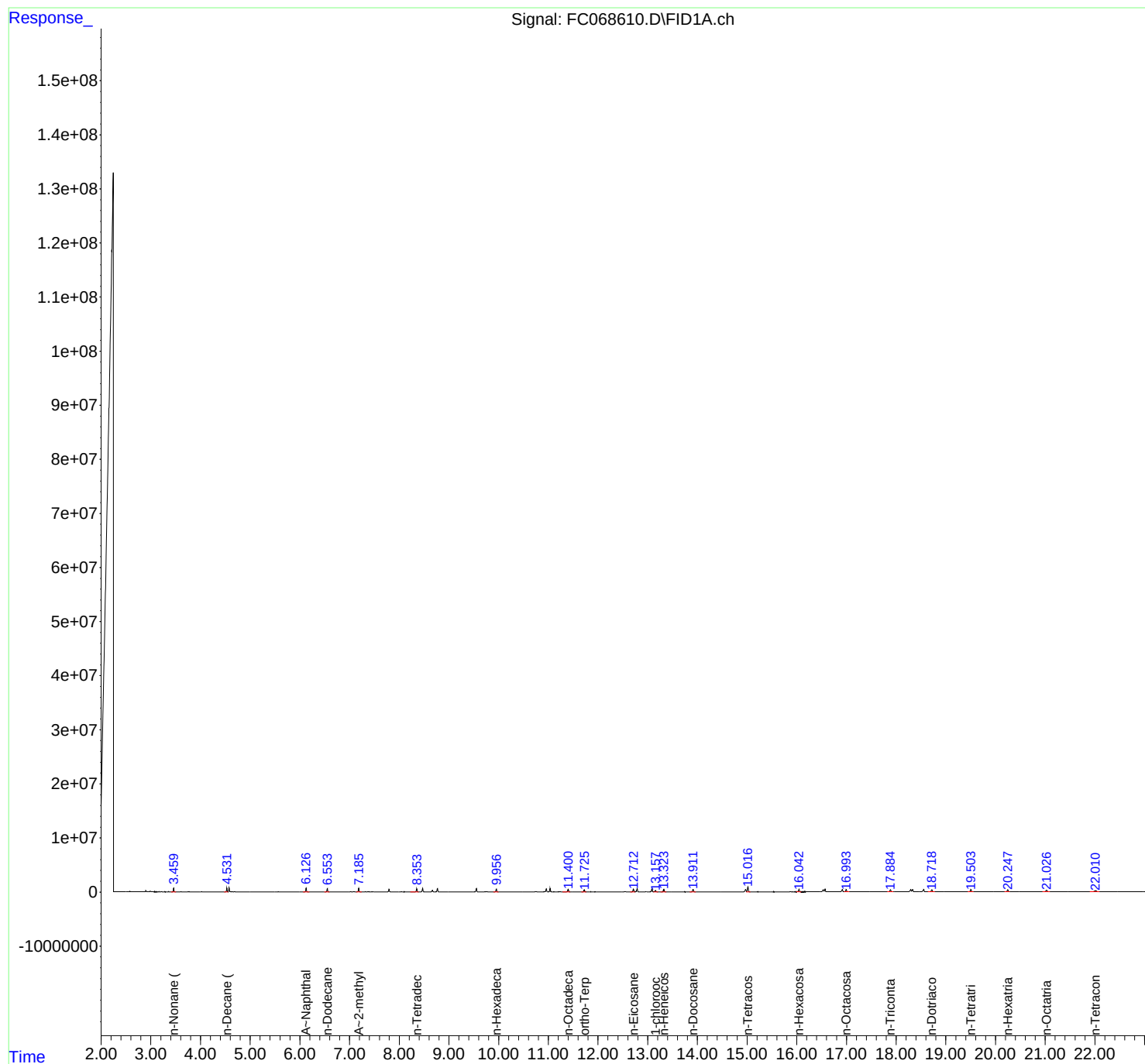
(m)=manual int.

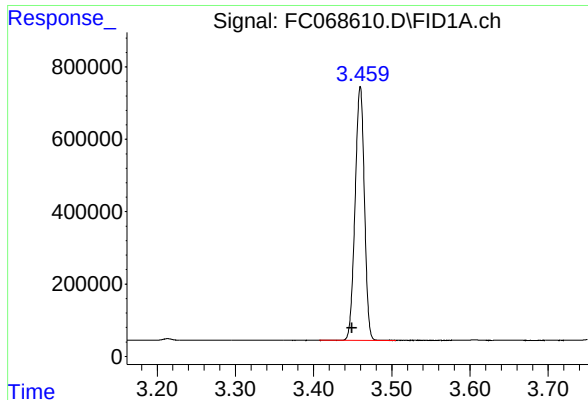
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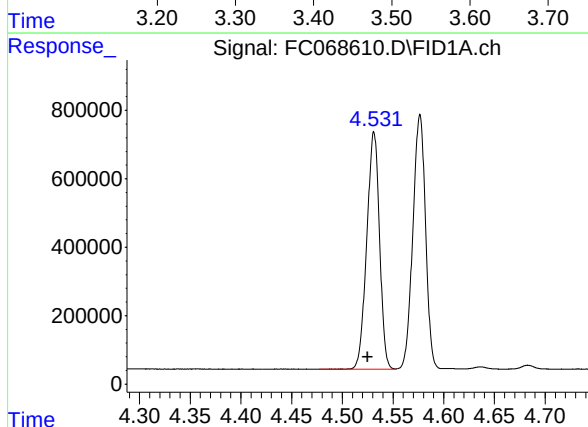




#1 n-Nonane (C9)

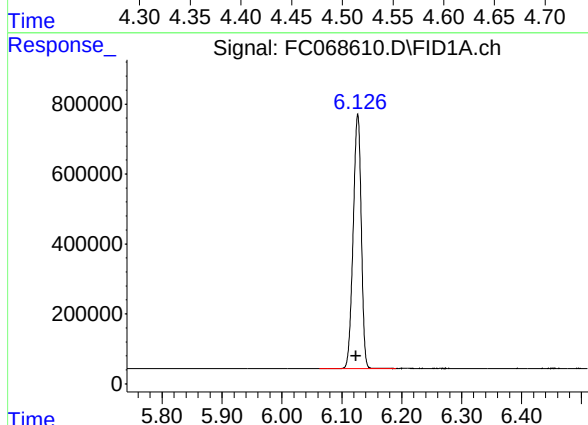
R.T.: 3.460 min
Delta R.T.: 0.011 min
Response: 5798767
Conc: 55.06 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167597BSD



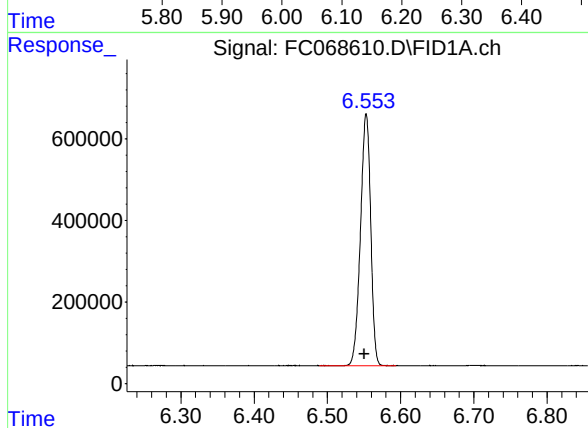
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: 0.006 min
Response: 6049697
Conc: 57.42 ug/ml



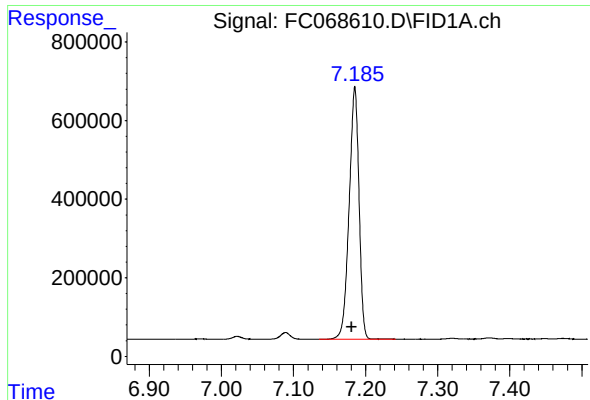
#3 A~Naphthalene (C11.7)

R.T.: 6.126 min
Delta R.T.: 0.003 min
Response: 6807344
Conc: 58.45 ug/ml



#4 n-Dodecane (C12)

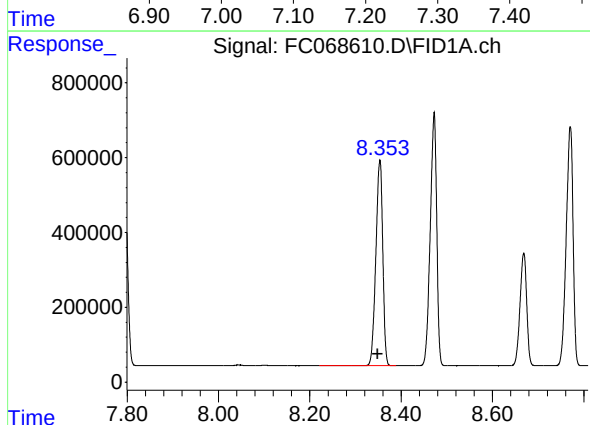
R.T.: 6.553 min
Delta R.T.: 0.003 min
Response: 5985426
Conc: 56.92 ug/ml



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

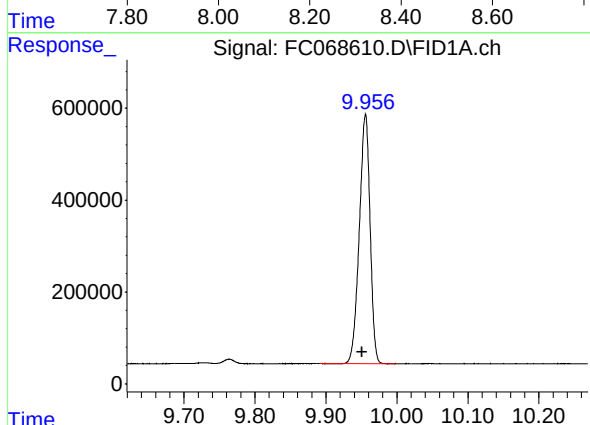
R.T.: 7.185 min
Delta R.T.: 0.004 min
Response: 6114242
Conc: 52.94 ug/ml

Instrument :
FID_C
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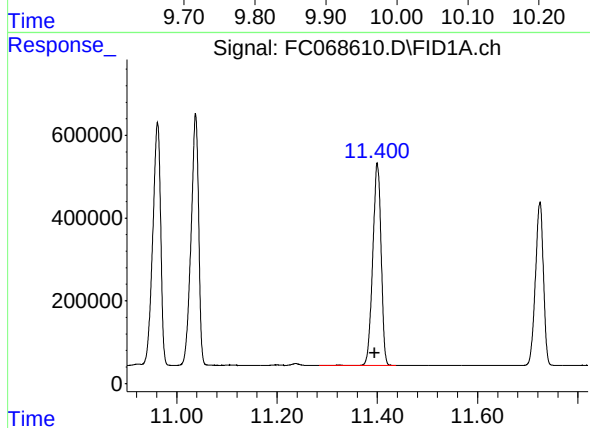
#6 n-Tetradecane (C14)

R.T.: 8.353 min
Delta R.T.: 0.005 min
Response: 5762770
Conc: 56.06 ug/ml



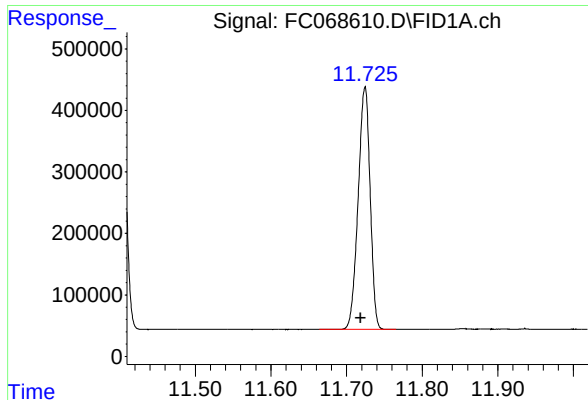
#7 n-Hexadecane (C16)

R.T.: 9.956 min
Delta R.T.: 0.005 min
Response: 5731728
Conc: 56.28 ug/ml



#8 n-Octadecane (C18)

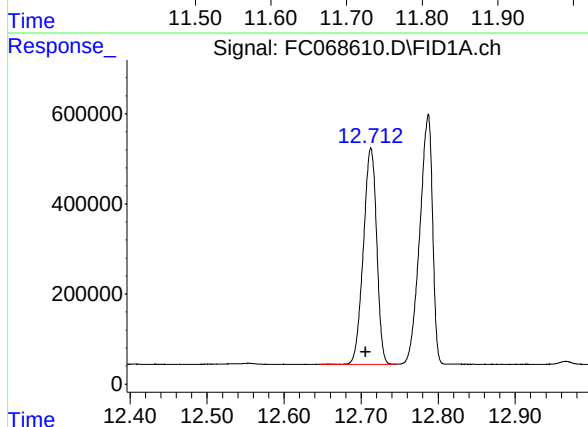
R.T.: 11.400 min
Delta R.T.: 0.005 min
Response: 5637654
Conc: 56.02 ug/ml



#9 ortho-Terphenyl (SURR)

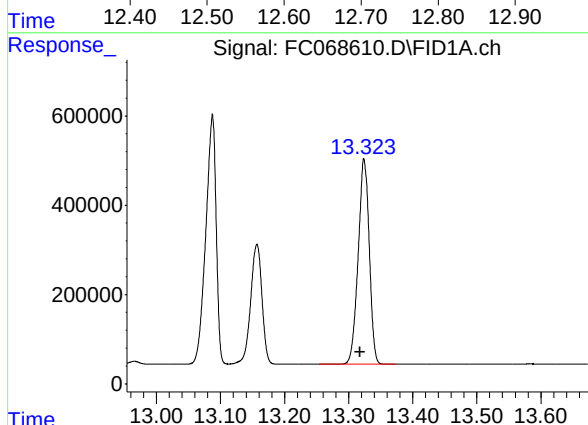
R.T.: 11.724 min
Delta R.T.: 0.005 min
Response: 4344386
Conc: 34.12 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167597BSD



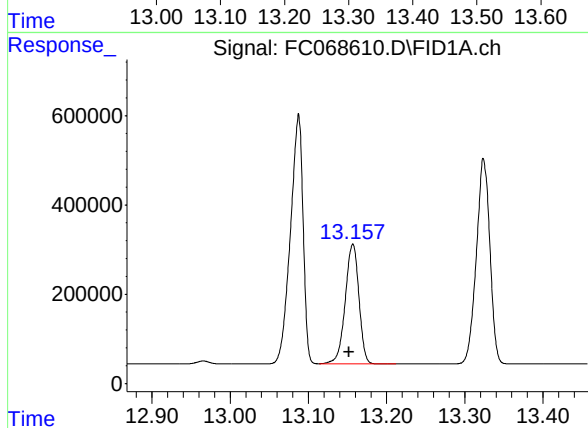
#10 n-Eicosane (C20)

R.T.: 12.713 min
Delta R.T.: 0.007 min
Response: 5758826
Conc: 58.55 ug/ml



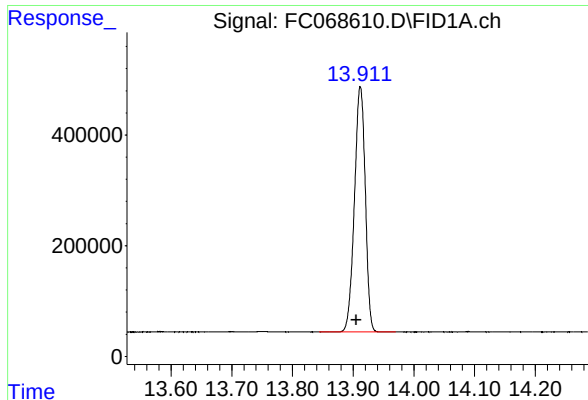
#11 n-Heneicosane (C21)

R.T.: 13.324 min
Delta R.T.: 0.006 min
Response: 5528980
Conc: 56.73 ug/ml



#12 1-chlorooctadecane (SURR)

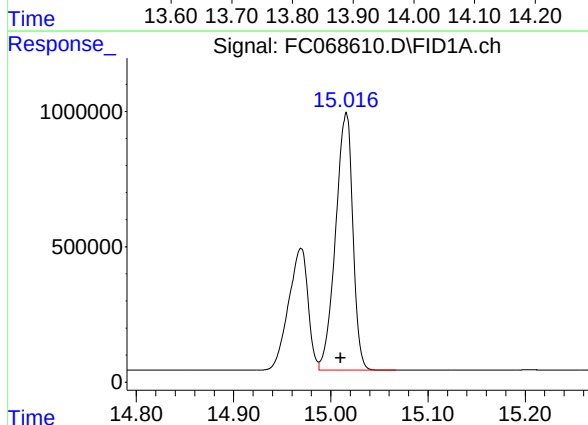
R.T.: 13.157 min
Delta R.T.: 0.005 min
Response: 3269910
Conc: 35.20 ug/ml



#13 n-Docosane (C22)

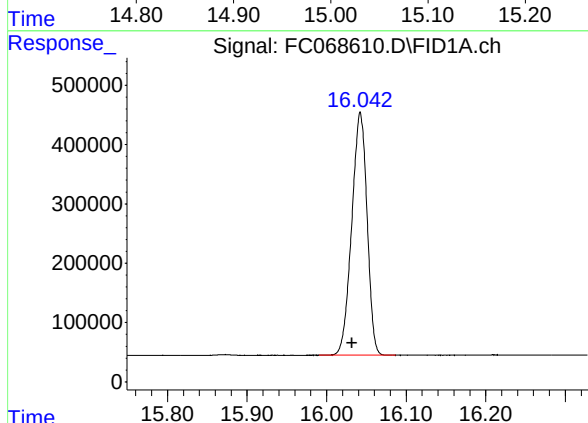
R.T.: 13.912 min
Delta R.T.: 0.007 min
Response: 5492784
Conc: 56.86 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167597BSD



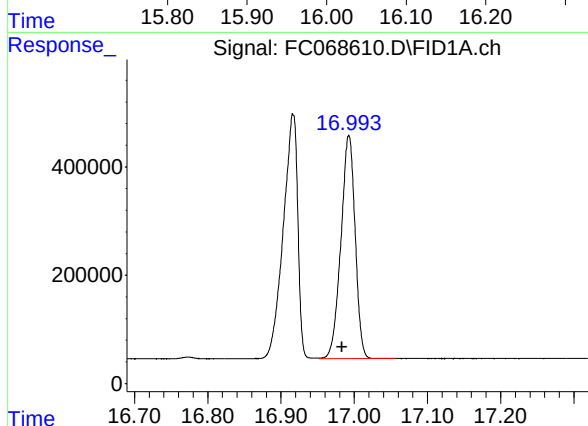
#14 n-Tetracosane (C24)

R.T.: 15.015 min
Delta R.T.: 0.005 min
Response: 11674442
Conc: 122.65 ug/ml



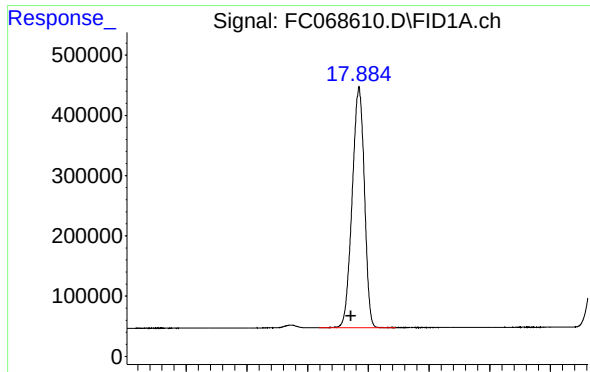
#15 n-Hexacosane (C26)

R.T.: 16.042 min
Delta R.T.: 0.010 min
Response: 5479783
Conc: 58.67 ug/ml



#16 n-Octacosane (C28)

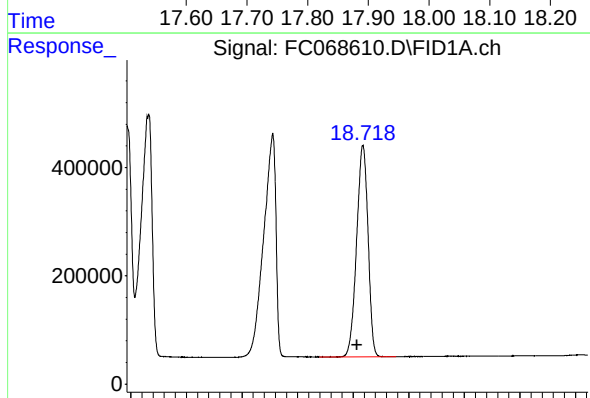
R.T.: 16.993 min
Delta R.T.: 0.009 min
Response: 5563765
Conc: 60.77 ug/ml



#17 n-Tricontane (C30)

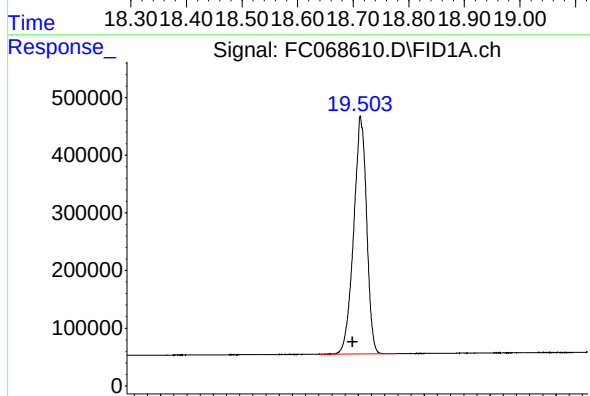
R.T.: 17.884 min
Delta R.T.: 0.013 min
Response: 5587653
Conc: 60.78 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167597BSD



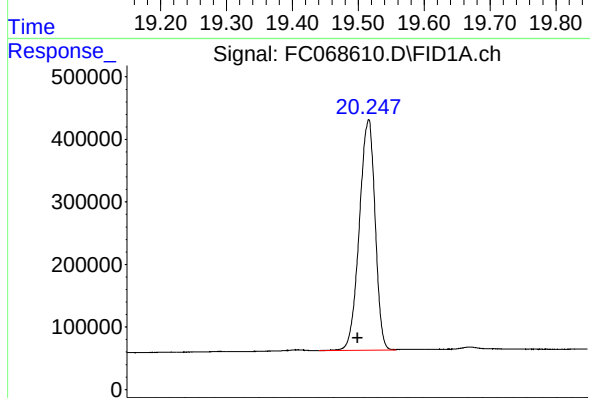
#18 n-Dotriacontane (C32)

R.T.: 18.718 min
Delta R.T.: 0.011 min
Response: 5569319
Conc: 60.72 ug/ml



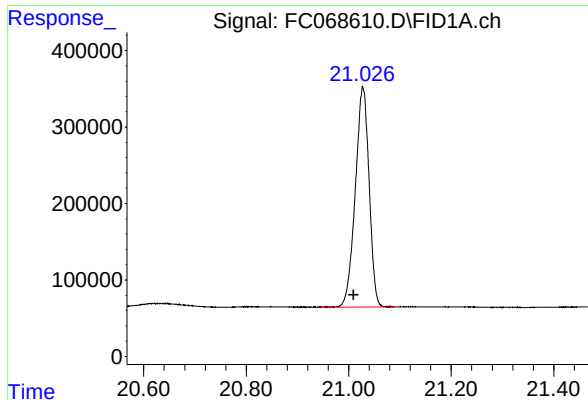
#19 n-Tetratriacontane (C34)

R.T.: 19.504 min
Delta R.T.: 0.012 min
Response: 5625791
Conc: 62.97 ug/ml



#20 n-Hexatriacontane (C36)

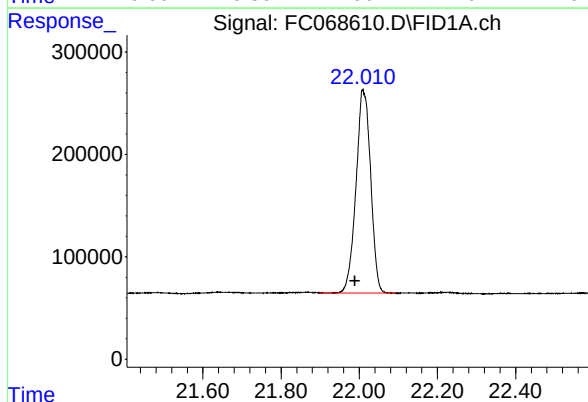
R.T.: 20.247 min
Delta R.T.: 0.014 min
Response: 5424991
Conc: 60.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.028 min
Delta R.T.: 0.018 min
Response: 5364485
Conc: 60.68 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167597BSD



#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: 0.021 min
Response: 5168042
Conc: 58.52 ug/ml