

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100623AL\
 Data File : FC064762.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2023 13:59
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 07 02:37:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.521	4099367	20.259 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
12) S 1-chlorooctadecane (S...	12.952	2973508	20.414 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T n-Nonane (C9)	3.324	3548257	20.079 ug/ml
2) T n-Decane (C10)	4.383	3582147	19.940 ug/ml
3) T A~Naphthalene (C11.7)	5.963	3737286	19.893 ug/ml
4) T n-Dodecane (C12)	6.392	3646823	20.077 ug/ml
5) T A~2-methylnaphthalene...	7.017	3563865	19.984 ug/ml
6) T n-Tetradecane (C14)	8.179	3549007	20.001 ug/ml
7) T n-Hexadecane (C16)	9.772	3545471	19.724 ug/ml
8) T n-Octadecane (C18)	11.207	3550971	19.613 ug/ml
10) T n-Eicosane (C20)	12.510	3391037	19.907 ug/ml
11) T n-Heneicosane (C21)	13.120	3313206	20.004 ug/ml
13) T n-Docosane (C22)	13.703	3267763	20.059 ug/ml
14) T n-Tetracosane (C24)	14.801	3158661	19.896 ug/ml
15) T n-Hexacosane (C26)	15.817	3037583	19.899 ug/ml
16) T n-Octacosane (C28)	16.762	2985888	20.175 ug/ml
17) T n-Tricontane (C30)	17.647	3052253	20.546 ug/ml
18) T n-Dotriacontane (C32)	18.474	3030049	20.762 ug/ml
19) T n-Tetratriacontane (C34)	19.253	2847465	20.029 ug/ml
20) T n-Hexatriacontane (C36)	19.991	2695414	19.570 ug/ml
21) T n-Octatriacontane (C38)	20.709	2592532	18.917 ug/ml
22) T n-Tetracontane (C40)	21.592	2478757	18.222 ug/ml

(f)=RT Delta > 1/2 Window

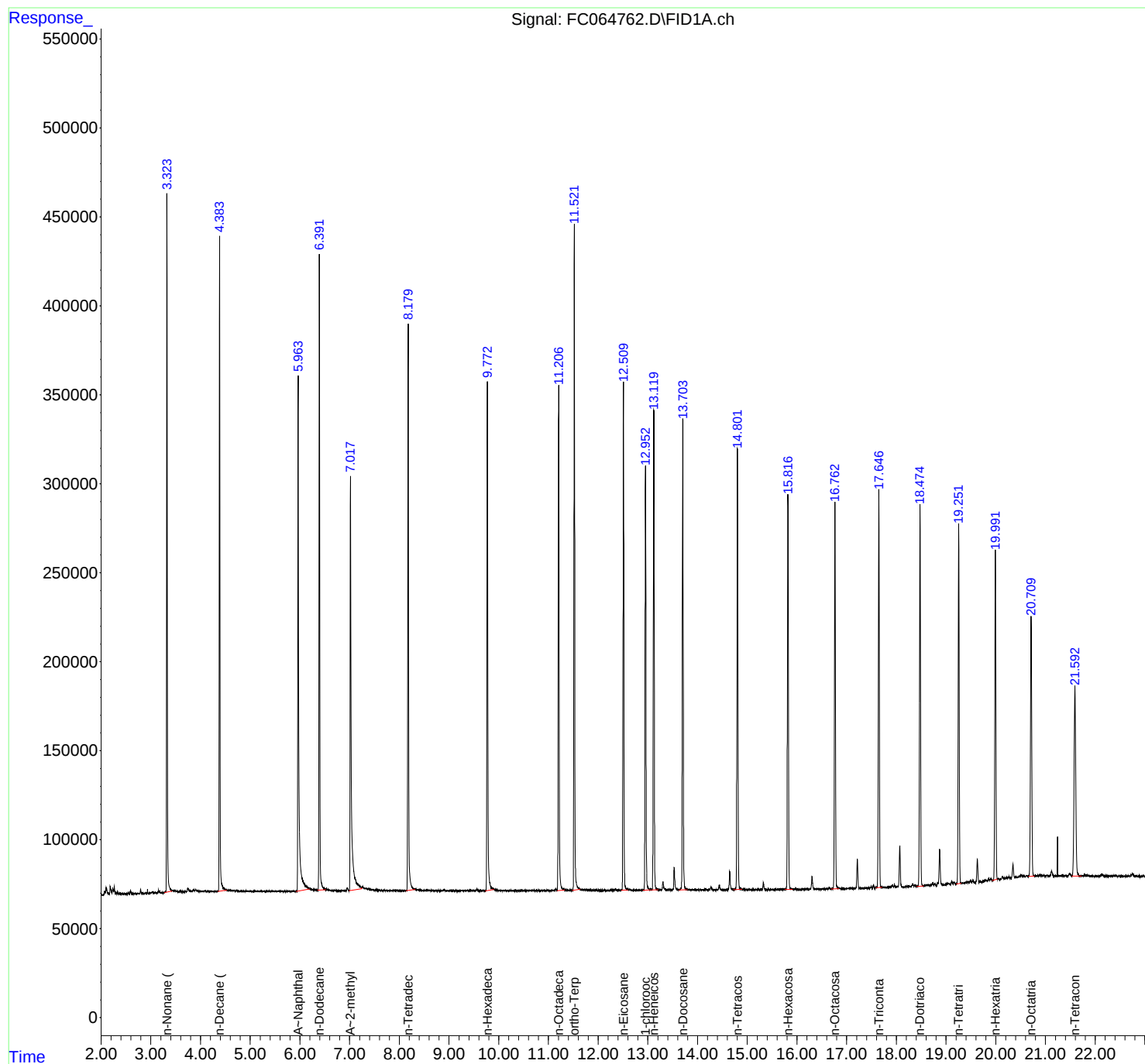
(m)=manual int.

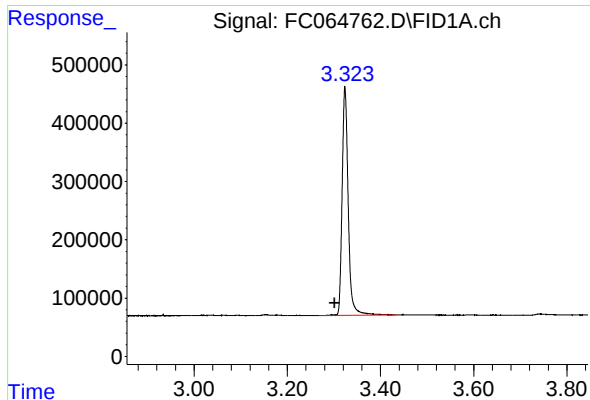
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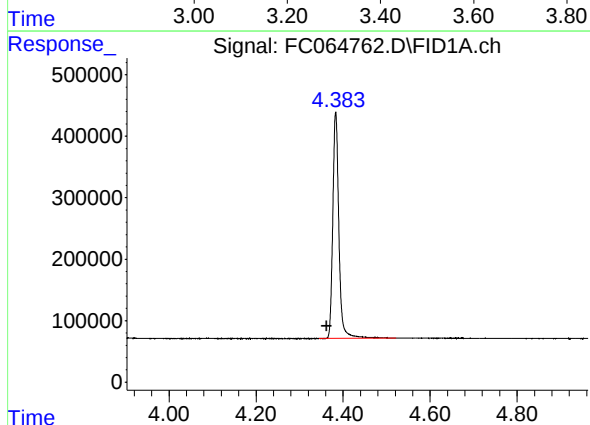




#1 n-Nonane (C9)

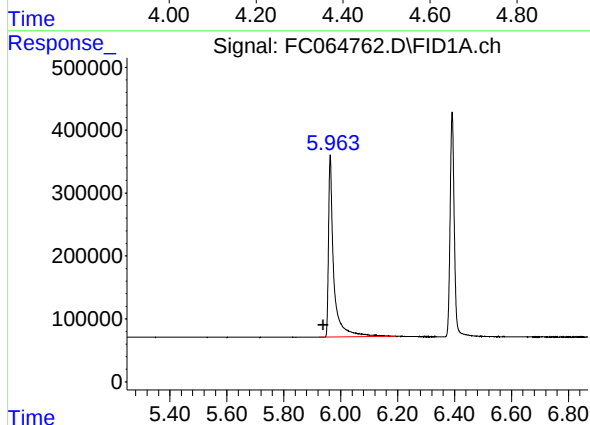
R.T.: 3.324 min
Delta R.T.: 0.022 min
Response: 3548257
Conc: 20.08 ug/ml

Instrument :
FID_C
ClientSampleId :



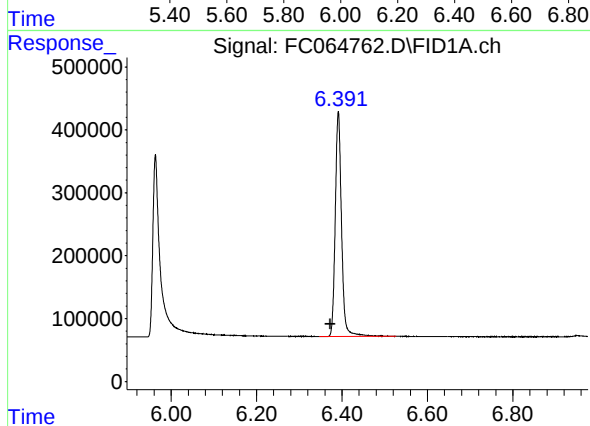
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.021 min
Response: 3582147
Conc: 19.94 ug/ml



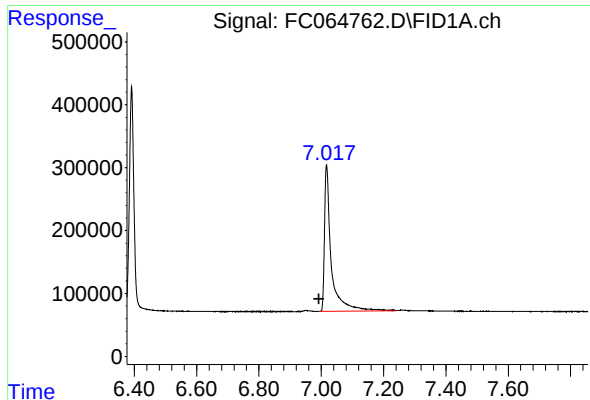
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.024 min
Response: 3737286
Conc: 19.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.392 min
Delta R.T.: 0.019 min
Response: 3646823
Conc: 20.08 ug/ml



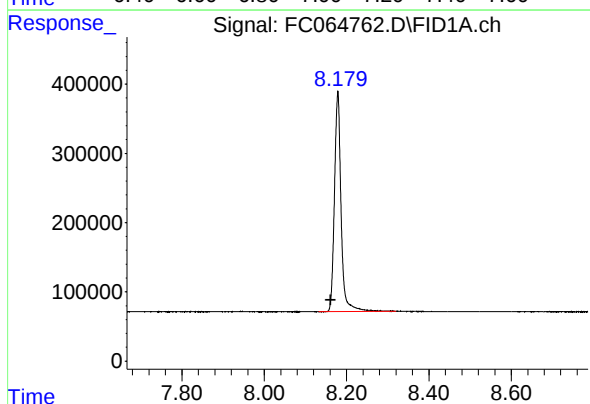
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: 0.024 min
Response: 3563865
Conc: 19.98 ug/ml

Instrument :

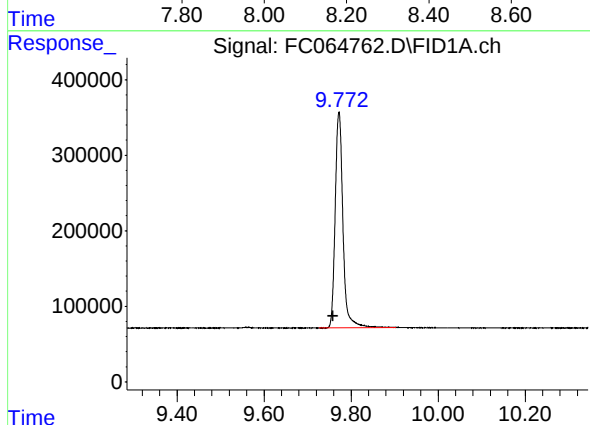
FID_C

ClientSampleId :



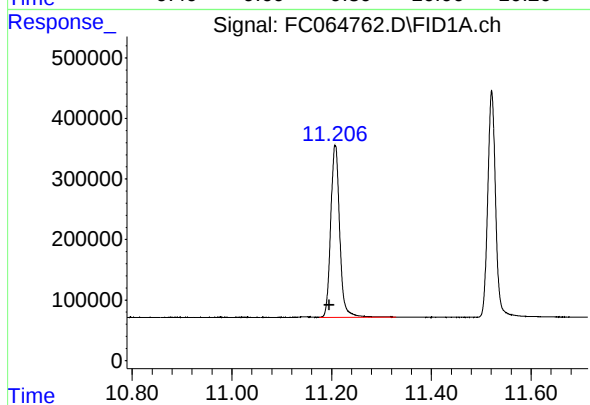
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.018 min
Response: 3549007
Conc: 20.00 ug/ml



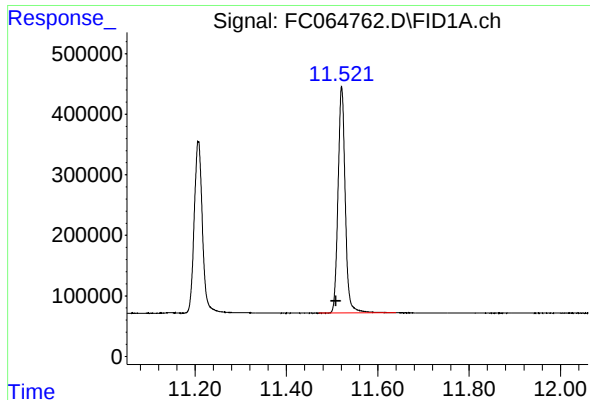
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: 0.014 min
Response: 3545471
Conc: 19.72 ug/ml



#8 n-Octadecane (C18)

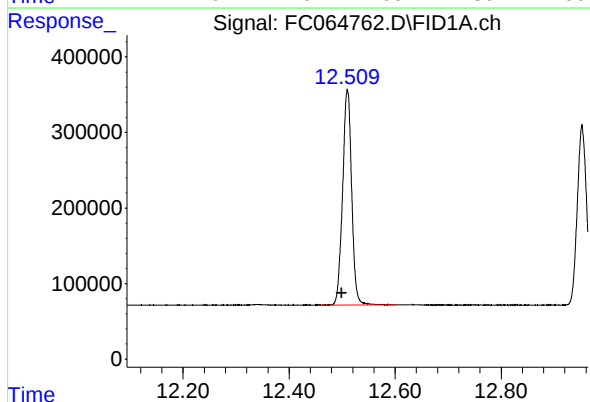
R.T.: 11.207 min
Delta R.T.: 0.012 min
Response: 3550971
Conc: 19.61 ug/ml



#9 ortho-Terphenyl (SURR)

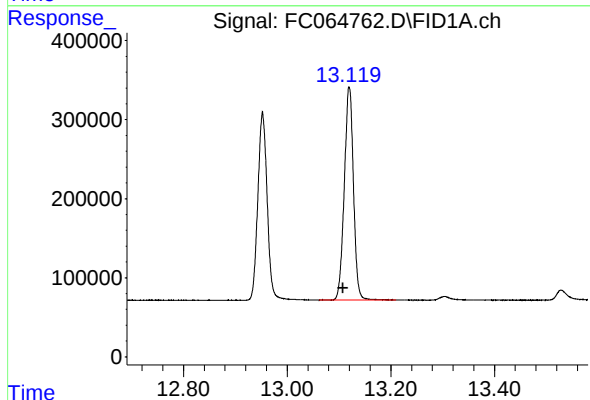
R.T.: 11.521 min
Delta R.T.: 0.013 min
Response: 4099367
Conc: 20.26 ug/ml

Instrument :
FID_C
ClientSampleId :



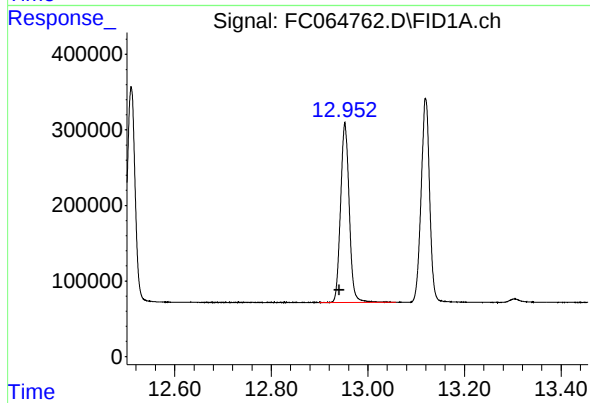
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: 0.011 min
Response: 3391037
Conc: 19.91 ug/ml



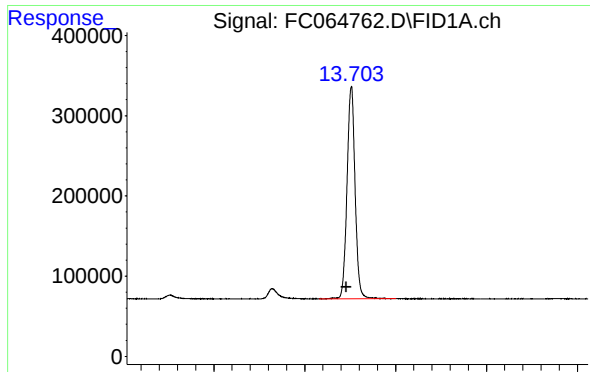
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: 0.012 min
Response: 3313206
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

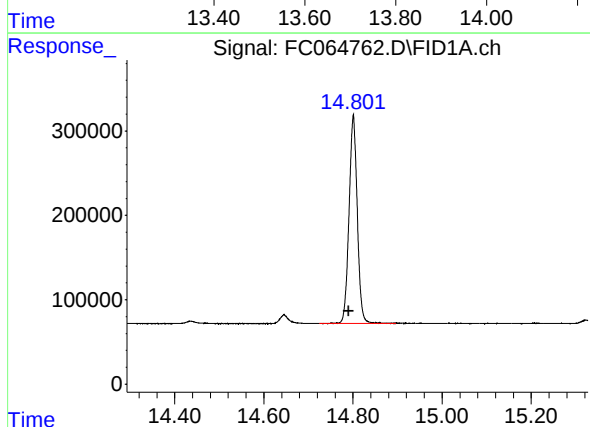
R.T.: 12.952 min
Delta R.T.: 0.012 min
Response: 2973508
Conc: 20.41 ug/ml



#13 n-Docosane (C22)

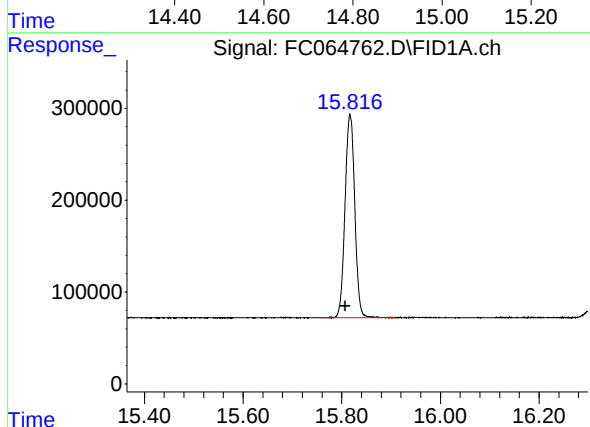
R.T.: 13.703 min
Delta R.T.: 0.011 min
Response: 3267763
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :



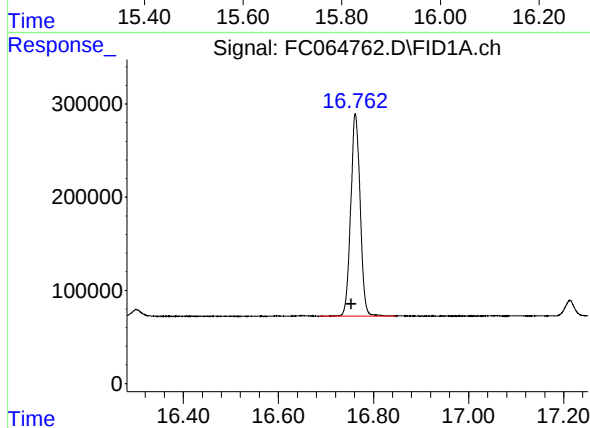
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.011 min
Response: 3158661
Conc: 19.90 ug/ml



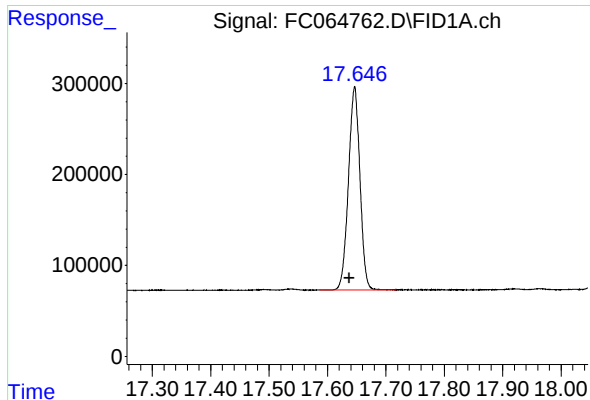
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.010 min
Response: 3037583
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

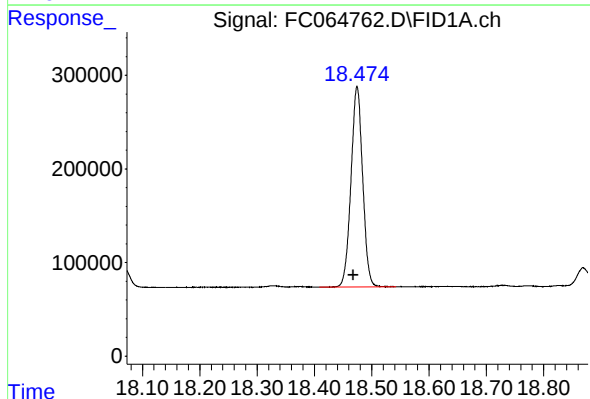
R.T.: 16.762 min
Delta R.T.: 0.008 min
Response: 2985888
Conc: 20.18 ug/ml



#17 n-Tricontane (C30)

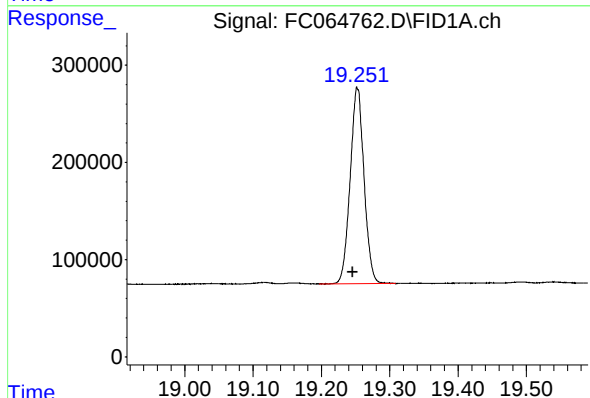
R.T.: 17.647 min
Delta R.T.: 0.009 min
Response: 3052253
Conc: 20.55 ug/ml

Instrument :
FID_C
ClientSampleId :



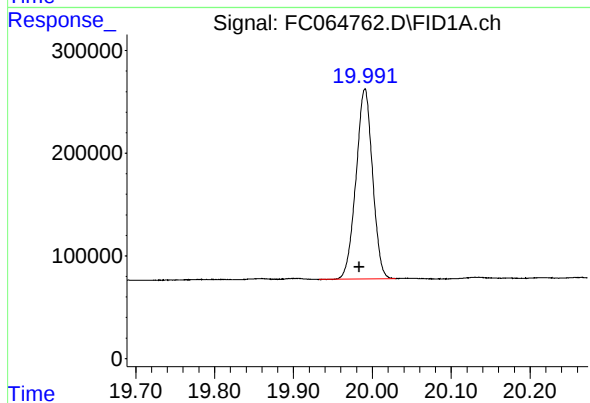
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: 0.006 min
Response: 3030049
Conc: 20.76 ug/ml



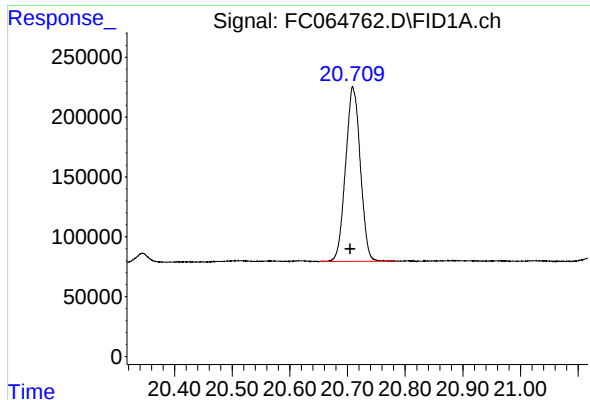
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.007 min
Response: 2847465
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

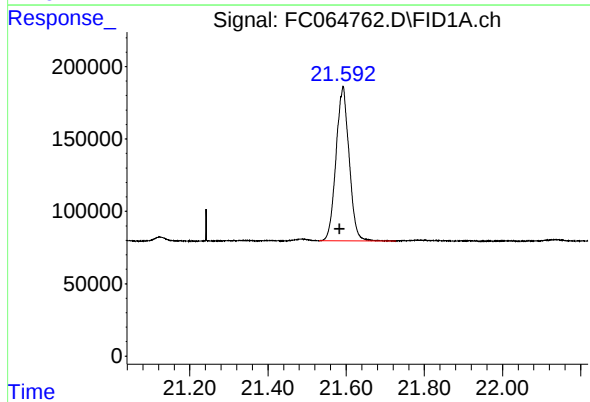
R.T.: 19.991 min
Delta R.T.: 0.007 min
Response: 2695414
Conc: 19.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.004 min
Response: 2592532
Conc: 18.92 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: 0.009 min
Response: 2478757
Conc: 18.22 ug/ml