

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041825AL\
 Data File : FC068632.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 13:06
 Operator : YP/AJ
 Sample : PB167648BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167648BS

Integration File: autoint1.e
 Quant Time: Apr 19 00:23:13 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			
12) S 1-chlorooctadecane (S...	13.152	3494502	37.618 ug/ml
Spiked Amount 50.000		Recovery =	75.24%
Target Compounds			
1) T n-Nonane (C9)	3.447	2572730	24.427 ug/ml
2) T n-Decane (C10)	4.522	3137201	29.776 ug/ml
4) T n-Dodecane (C12)	6.548	3549157	33.749 ug/ml
6) T n-Tetradecane (C14)	8.347	3992573	38.837 ug/ml
7) T n-Hexadecane (C16)	9.950	4442108	43.618 ug/ml
8) T n-Octadecane (C18)	11.394	4735791	47.060 ug/ml
10) T n-Eicosane (C20)	12.706	4972257	50.552 ug/ml
11) T n-Heneicosane (C21)	13.319	4788866	49.138 ug/ml
13) T n-Docosane (C22)	13.906	4797980	49.671 ug/ml
14) T n-Tetracosane (C24)	15.011	4759395	50.002 ug/ml
15) T n-Hexacosane (C26)	16.033	4671396	50.012 ug/ml
16) T n-Octacosane (C28)	16.986	4668339	50.988 ug/ml
17) T n-Tricontane (C30)	17.876	4725711	51.404 ug/ml
18) T n-Dotriacontane (C32)	18.710	4694459	51.178 ug/ml
19) T n-Tetratriacontane (C34)	19.495	4631385	51.840 ug/ml
20) T n-Hexatriacontane (C36)	20.236	4449222	49.668 ug/ml
21) T n-Octatriacontane (C38)	21.013	4382065	49.564 ug/ml
22) T n-Tetracontane (C40)	21.994	4348565	49.244 ug/ml

(f)=RT Delta > 1/2 Window

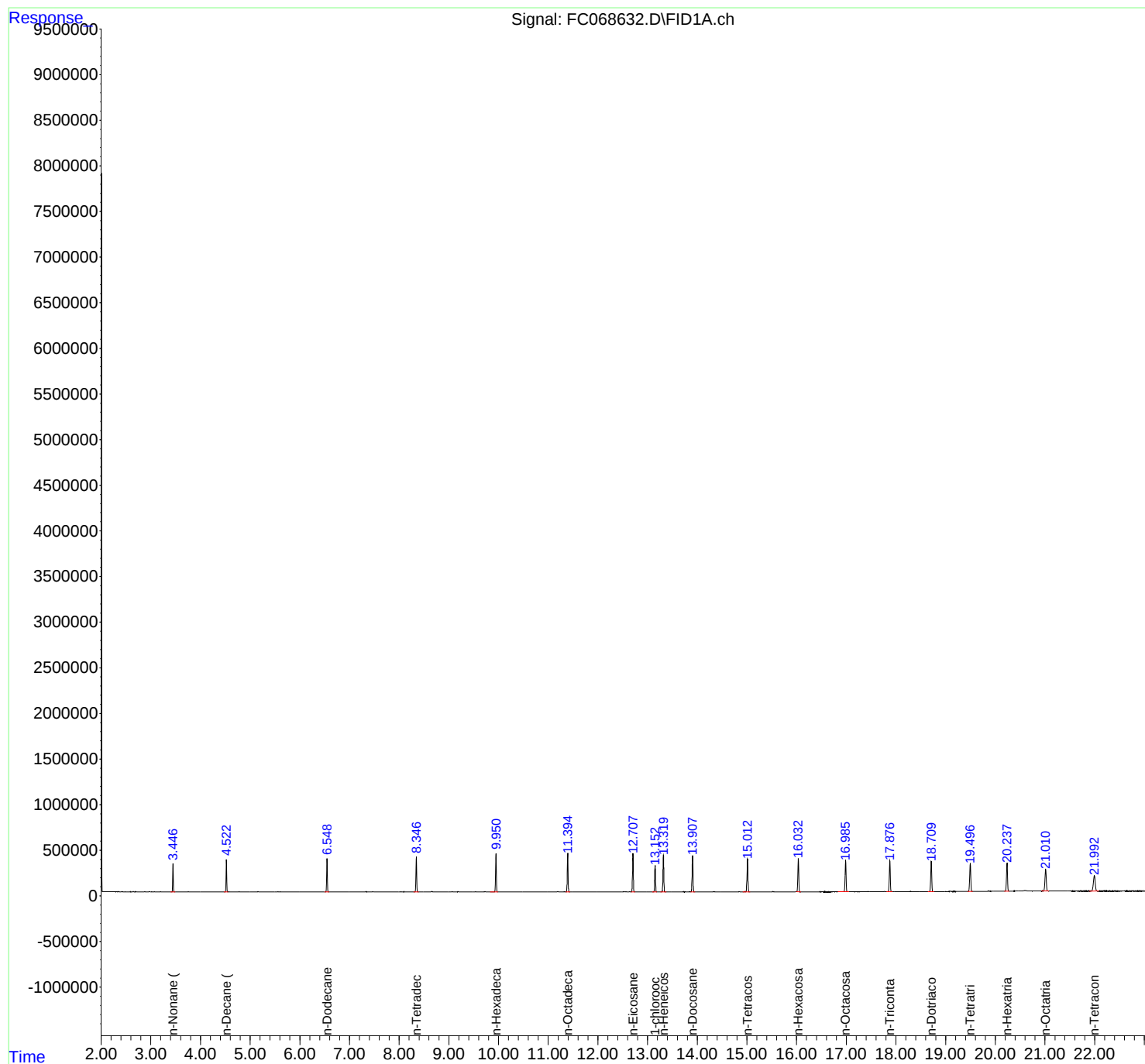
(m)=manual int.

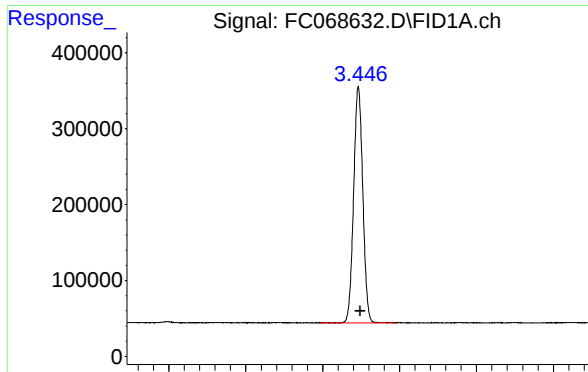
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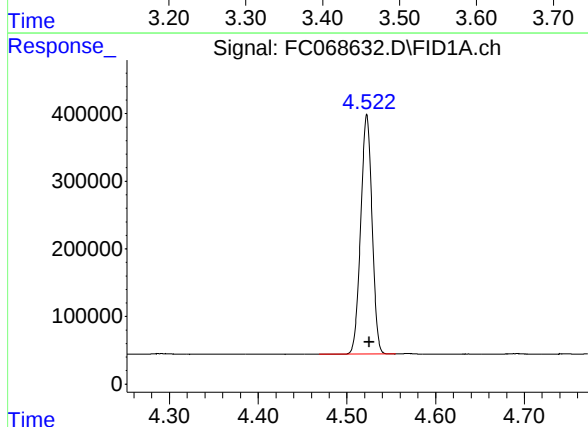




#1 n-Nonane (C9)

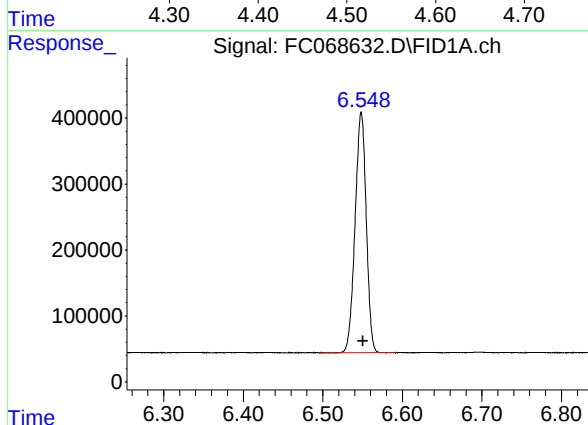
R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 2572730
Conc: 24.43 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167648BS



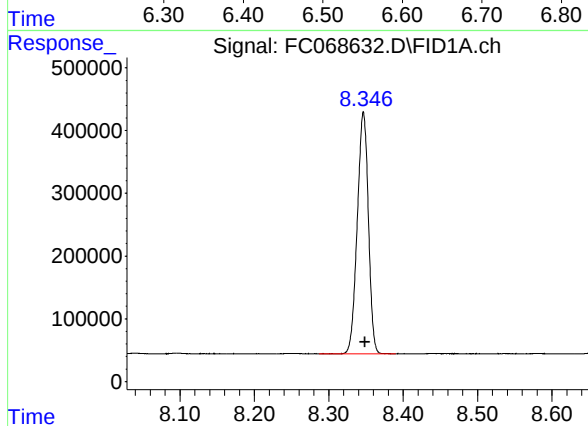
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 3137201
Conc: 29.78 ug/ml



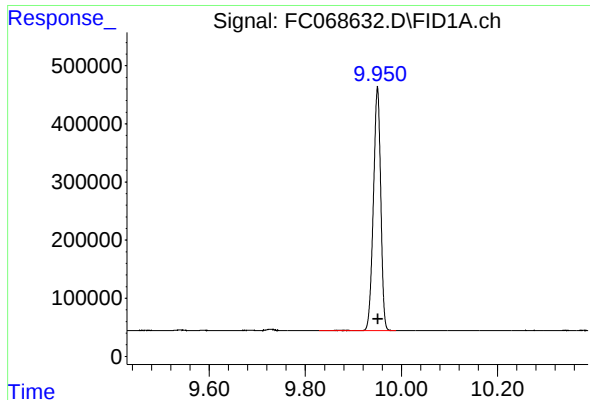
#4 n-Dodecane (C12)

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 3549157
Conc: 33.75 ug/ml



#6 n-Tetradecane (C14)

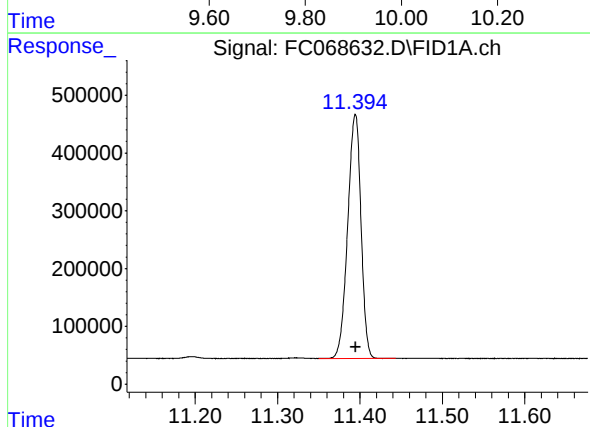
R.T.: 8.347 min
Delta R.T.: -0.002 min
Response: 3992573
Conc: 38.84 ug/ml



#7 n-Hexadecane (C16)

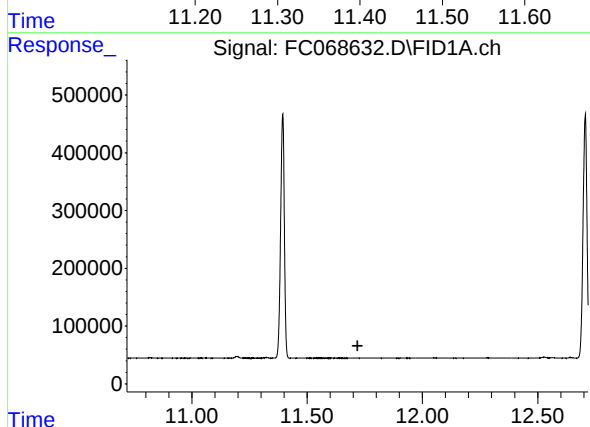
R.T.: 9.950 min
Delta R.T.: 0.000 min
Response: 4442108
Conc: 43.62 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167648BS



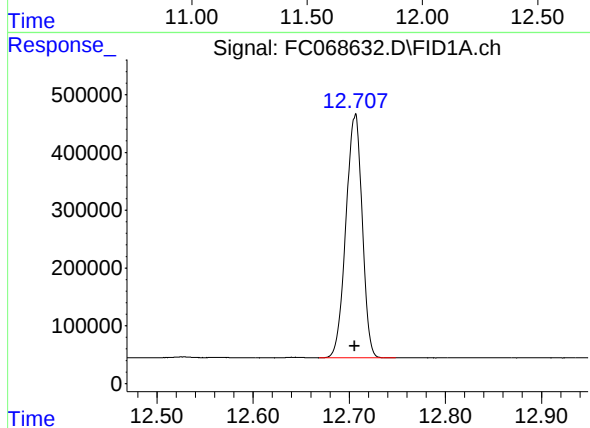
#8 n-Octadecane (C18)

R.T.: 11.394 min
Delta R.T.: 0.000 min
Response: 4735791
Conc: 47.06 ug/ml



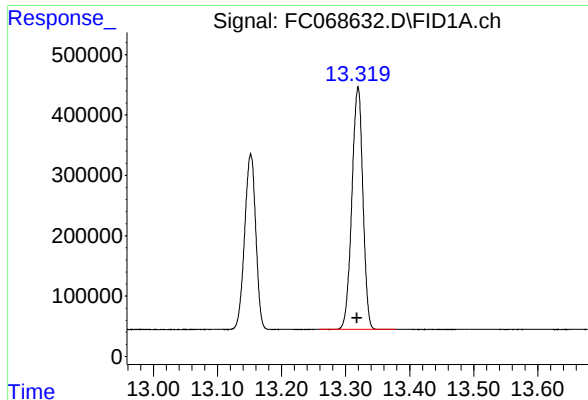
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.719 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

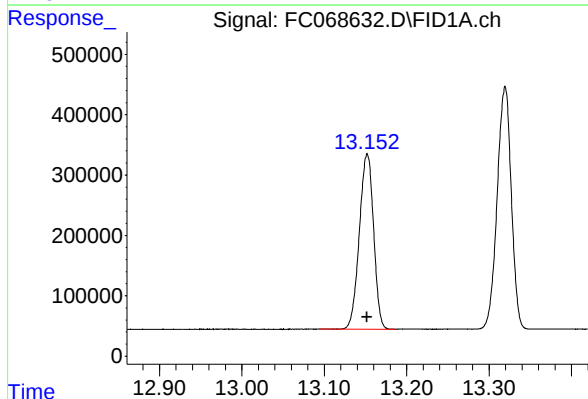
R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 4972257
Conc: 50.55 ug/ml



#11 n-Heneicosane (C21)

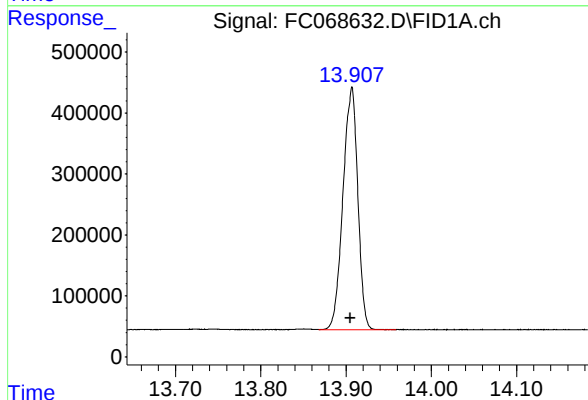
R.T.: 13.319 min
Delta R.T.: 0.001 min
Response: 4788866
Conc: 49.14 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167648BS



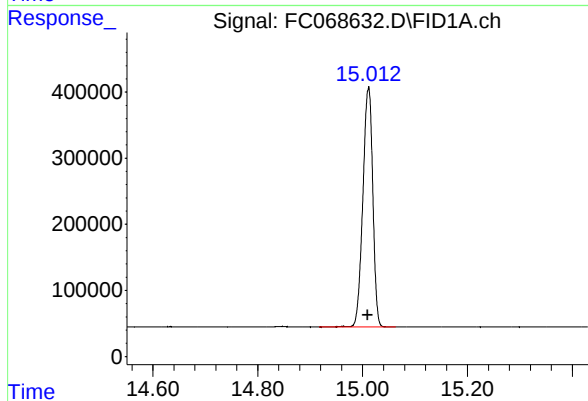
#12 1-chlorooctadecane (SURR)

R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 3494502
Conc: 37.62 ug/ml



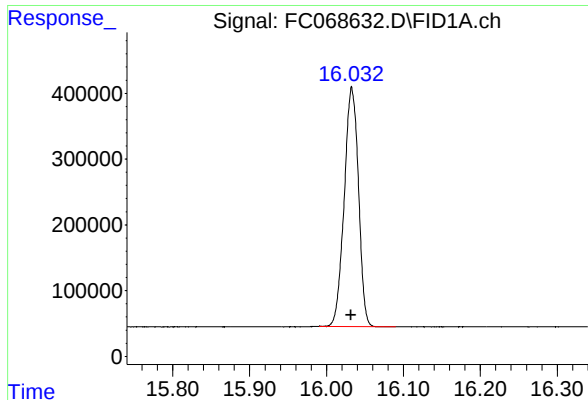
#13 n-Docosane (C22)

R.T.: 13.906 min
Delta R.T.: 0.001 min
Response: 4797980
Conc: 49.67 ug/ml



#14 n-Tetracosane (C24)

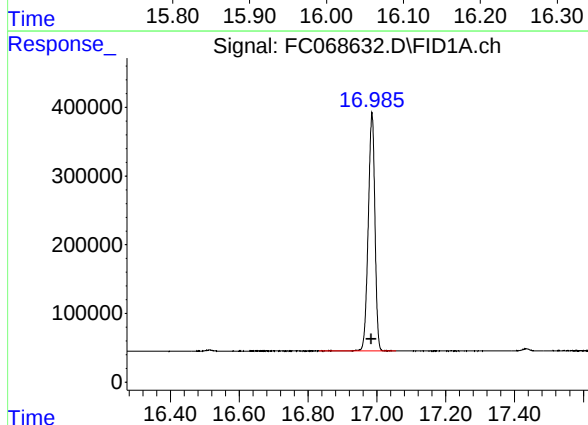
R.T.: 15.011 min
Delta R.T.: 0.001 min
Response: 4759395
Conc: 50.00 ug/ml



#15 n-Hexacosane (C26)

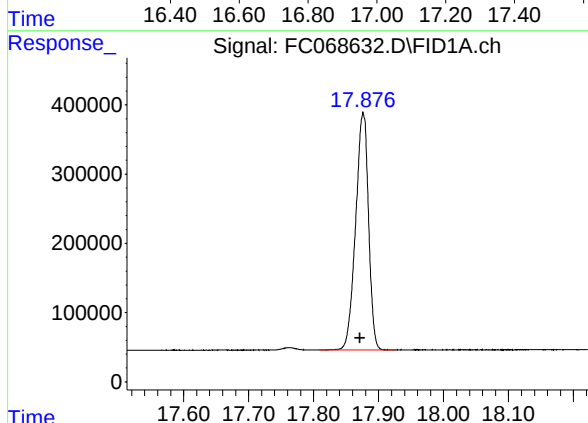
R.T.: 16.033 min
Delta R.T.: 0.001 min
Response: 4671396
Conc: 50.01 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167648BS



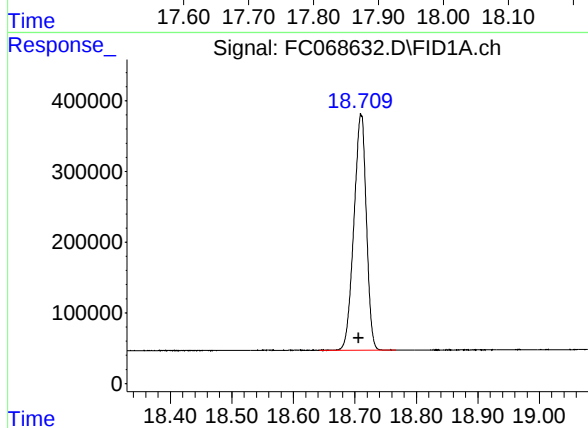
#16 n-Octacosane (C28)

R.T.: 16.986 min
Delta R.T.: 0.002 min
Response: 4668339
Conc: 50.99 ug/ml



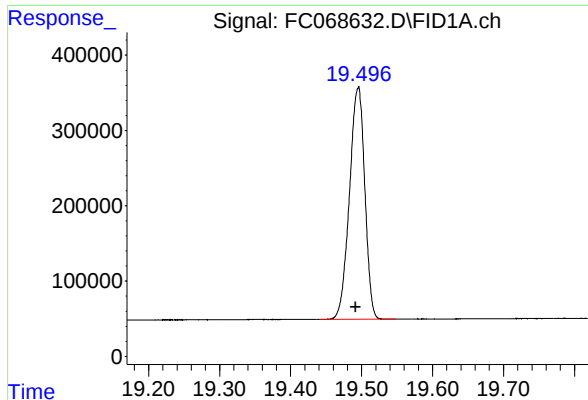
#17 n-Tricontane (C30)

R.T.: 17.876 min
Delta R.T.: 0.005 min
Response: 4725711
Conc: 51.40 ug/ml



#18 n-Dotriacontane (C32)

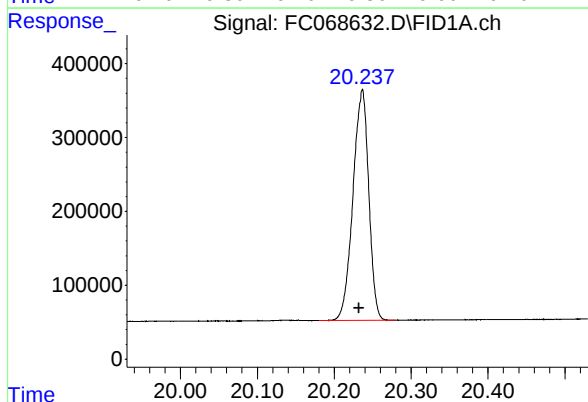
R.T.: 18.710 min
Delta R.T.: 0.003 min
Response: 4694459
Conc: 51.18 ug/ml



#19 n-Tetratriacontane (C34)

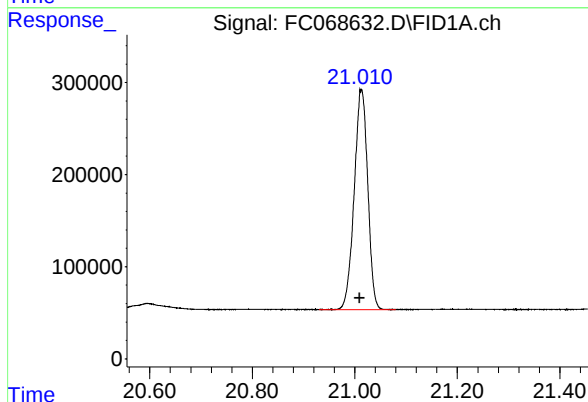
R.T.: 19.495 min
Delta R.T.: 0.003 min
Response: 4631385
Conc: 51.84 ug/ml

Instrument :
FID_C
ClientSampleId :
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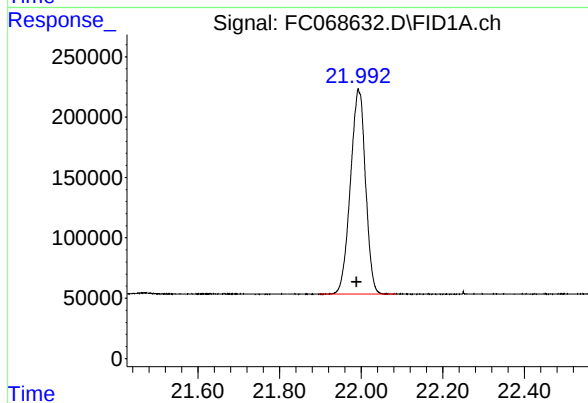
#20 n-Hexatriacontane (C36)

R.T.: 20.236 min
Delta R.T.: 0.004 min
Response: 4449222
Conc: 49.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: 0.004 min
Response: 4382065
Conc: 49.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.005 min
Response: 4348565
Conc: 49.24 ug/ml