

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AL\
 Data File : FD045128.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 09:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 24 04:07:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 05:29:49 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)	11.451	3117200	20.234 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
12) S 1-chlorooctadecane (S...	12.883	2316432	20.029 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T n-Nonane (C9)	3.269	2757133	20.278 ug/ml
2) T n-Decane (C10)	4.326	2717594	20.345 ug/ml
3) T A~Naphthalene (C11.7)	5.893	3179404	20.286 ug/ml
4) T n-Dodecane (C12)	6.331	2761849	20.426 ug/ml
5) T A~2-methylnaphthalene...	6.942	2988091	20.230 ug/ml
6) T n-Tetradecane (C14)	8.116	2789584	20.541 ug/ml
7) T n-Hexadecane (C16)	9.708	2852160	20.493 ug/ml
8) T n-Octadecane (C18)	11.143	2869905	20.455 ug/ml
10) T n-Eicosane (C20)	12.444	2760178	20.375 ug/ml
11) T n-Heneicosane (C21)	13.052	2751946	20.182 ug/ml
13) T n-Docosane (C22)	13.635	2692857	20.111 ug/ml
14) T n-Tetracosane (C24)	14.731	2648604	20.225 ug/ml
15) T n-Hexacosane (C26)	15.745	2509352	19.926 ug/ml
16) T n-Octacosane (C28)	16.688	2425137	19.788 ug/ml
17) T n-Tricontane (C30)	17.569	2352063	19.866 ug/ml
18) T n-Dotriacontane (C32)	18.396	2333395	19.933 ug/ml
19) T n-Tetratriacontane (C34)	19.174	2281177	19.844 ug/ml
20) T n-Hexatriacontane (C36)	19.908	2173526	19.789 ug/ml
21) T n-Octatriacontane (C38)	20.612	2140176	19.857 ug/ml
22) T n-Tetracontane (C40)	21.451	2062549	19.239 ug/ml

(f)=RT Delta > 1/2 Window

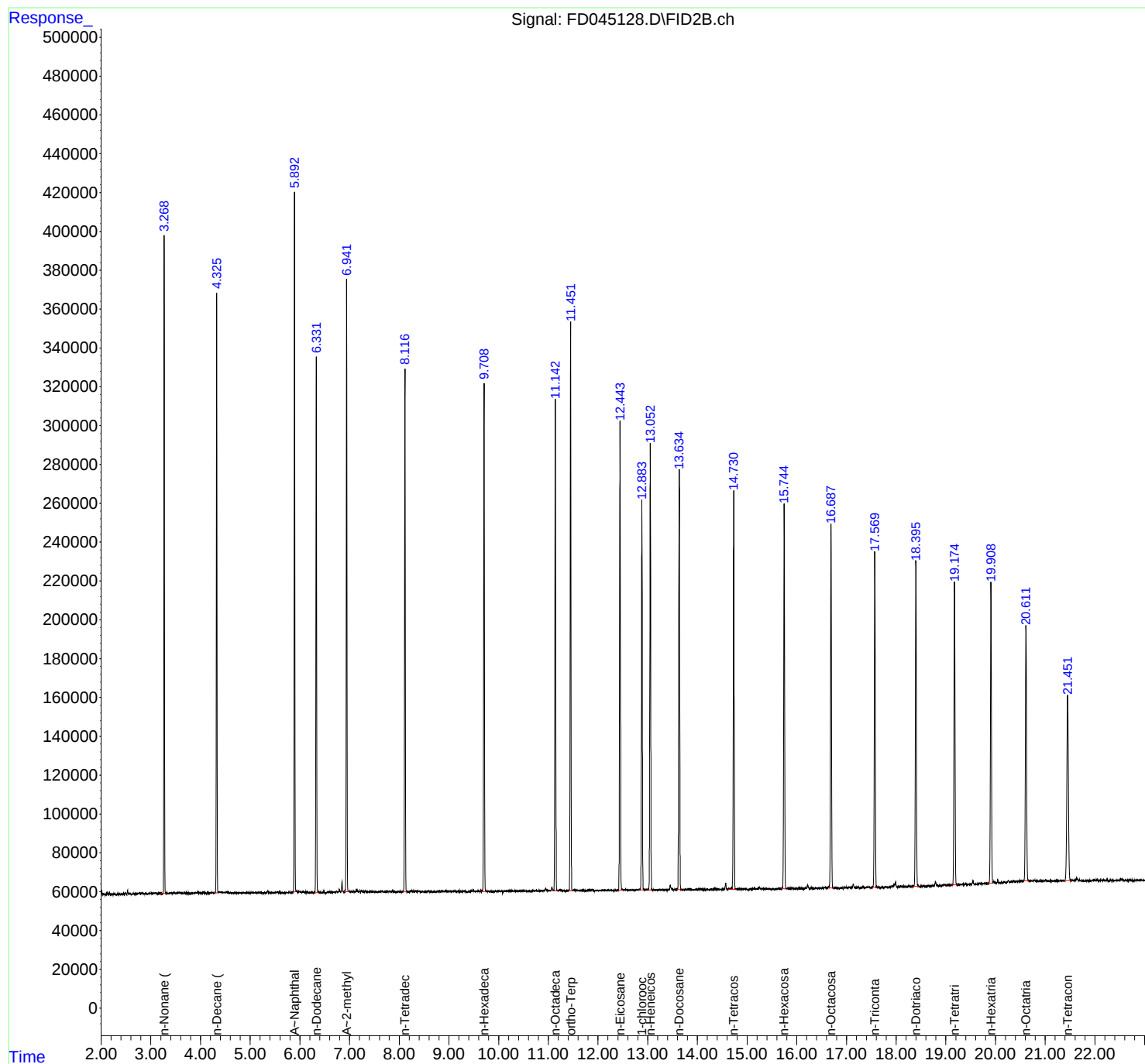
(m)=manual int.

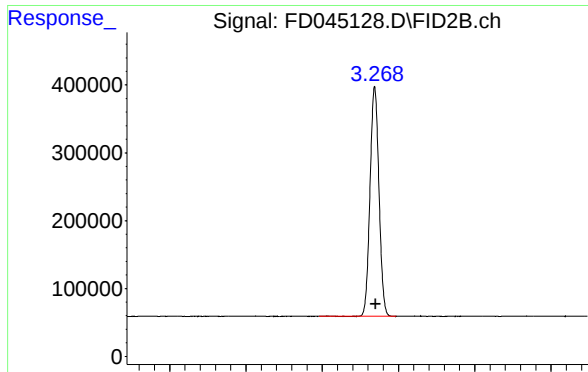
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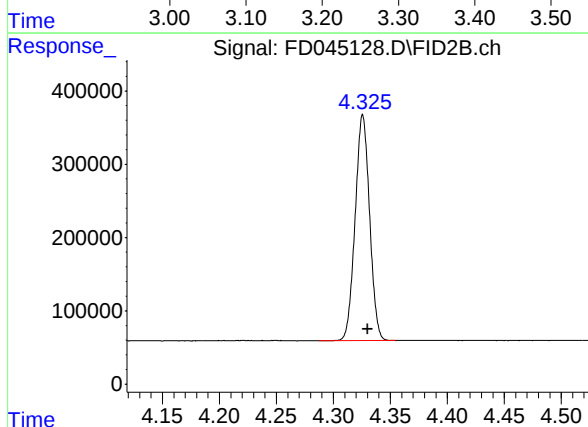




#1 n-Nonane (C9)

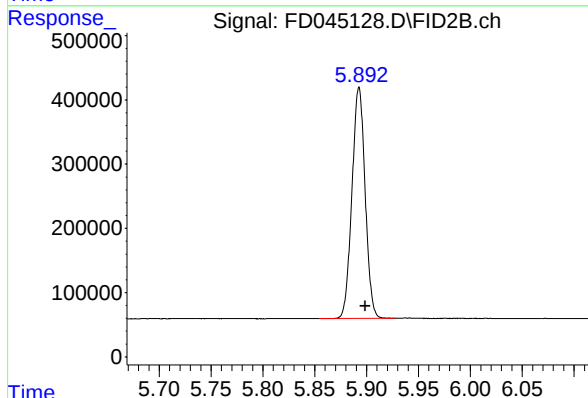
R.T.: 3.269 min
Delta R.T.: -0.001 min
Response: 2757133
Conc: 20.28 ug/ml

Instrument :
FID_D
ClientSampleId :



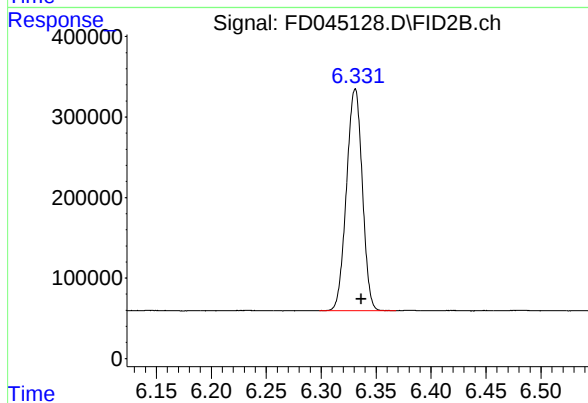
#2 n-Decane (C10)

R.T.: 4.326 min
Delta R.T.: -0.004 min
Response: 2717594
Conc: 20.35 ug/ml



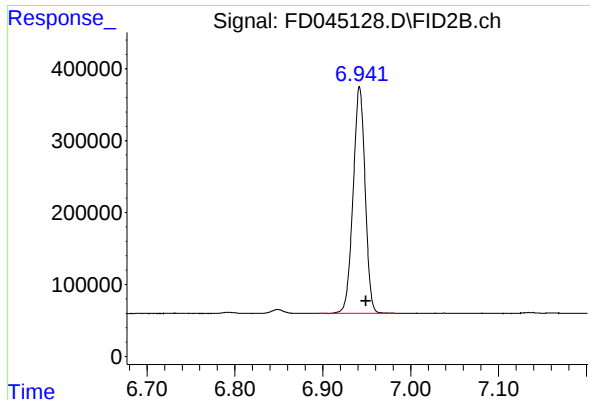
#3 A~Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.006 min
Response: 3179404
Conc: 20.29 ug/ml



#4 n-Dodecane (C12)

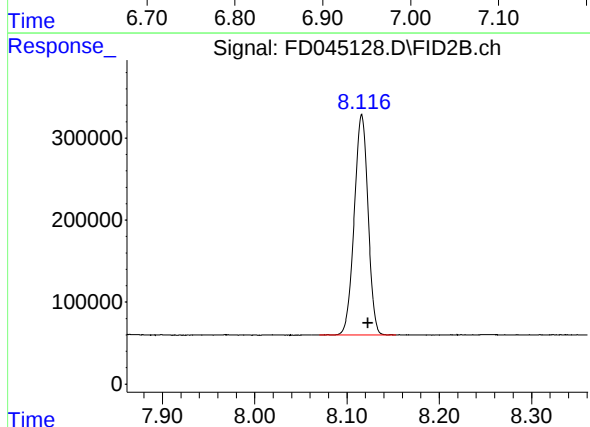
R.T.: 6.331 min
Delta R.T.: -0.006 min
Response: 2761849
Conc: 20.43 ug/ml



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

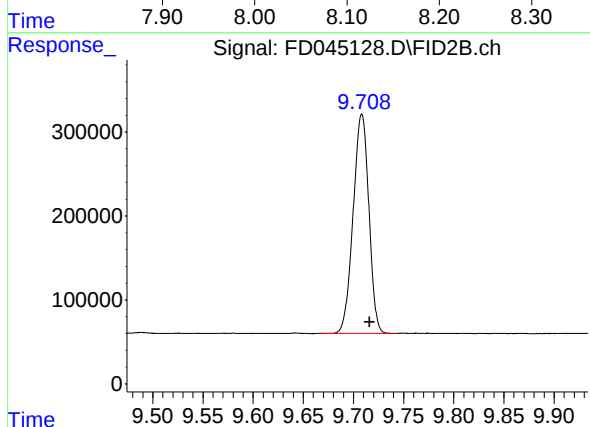
R.T.: 6.942 min
Delta R.T.: -0.008 min
Response: 2988091
Conc: 20.23 ug/ml

Instrument :
FID_D
ClientSampleId :



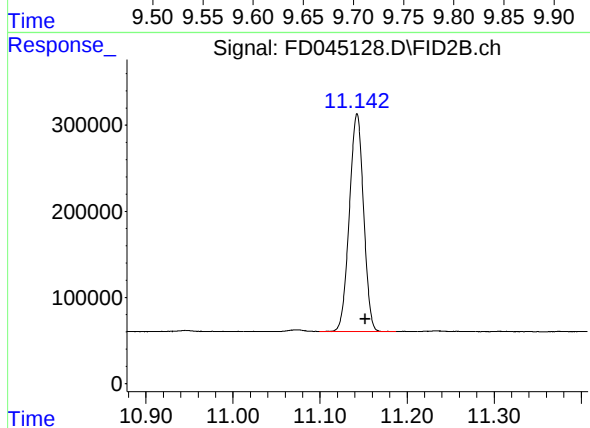
#6 n-Tetradecane (C14)

R.T.: 8.116 min
Delta R.T.: -0.007 min
Response: 2789584
Conc: 20.54 ug/ml



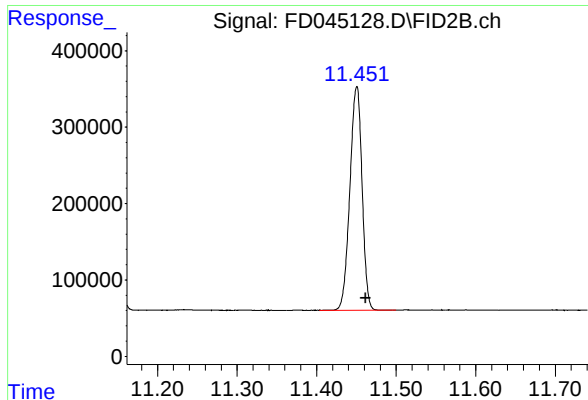
#7 n-Hexadecane (C16)

R.T.: 9.708 min
Delta R.T.: -0.008 min
Response: 2852160
Conc: 20.49 ug/ml



#8 n-Octadecane (C18)

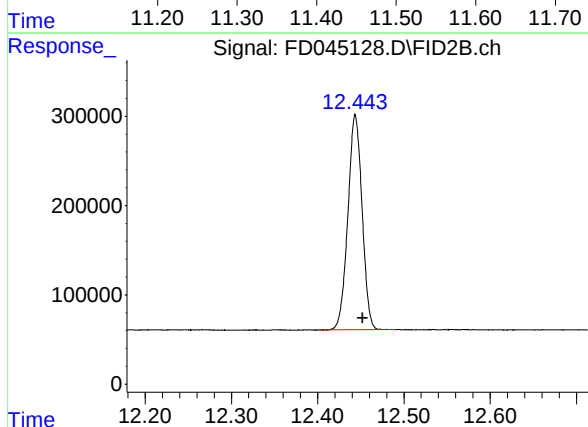
R.T.: 11.143 min
Delta R.T.: -0.009 min
Response: 2869905
Conc: 20.46 ug/ml



#9 ortho-Terphenyl (SURR)

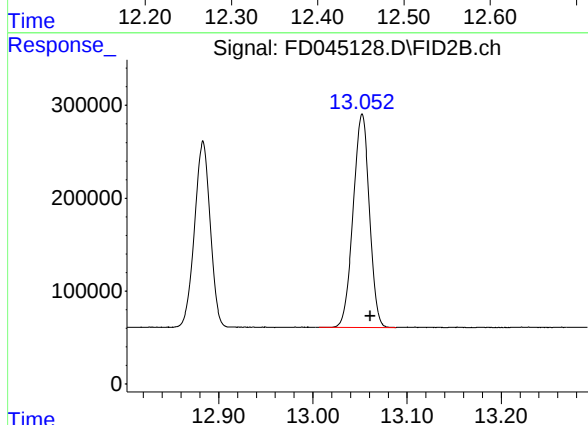
R.T.: 11.451 min
Delta R.T.: -0.011 min
Response: 3117200
Conc: 20.23 ug/ml

Instrument :
FID_D
ClientSampleId :



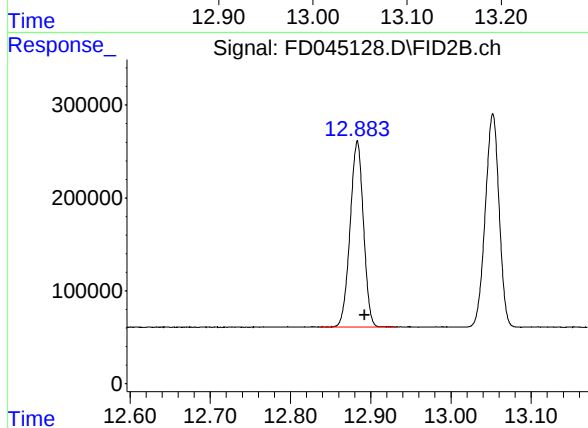
#10 n-Eicosane (C20)

R.T.: 12.444 min
Delta R.T.: -0.009 min
Response: 2760178
Conc: 20.37 ug/ml



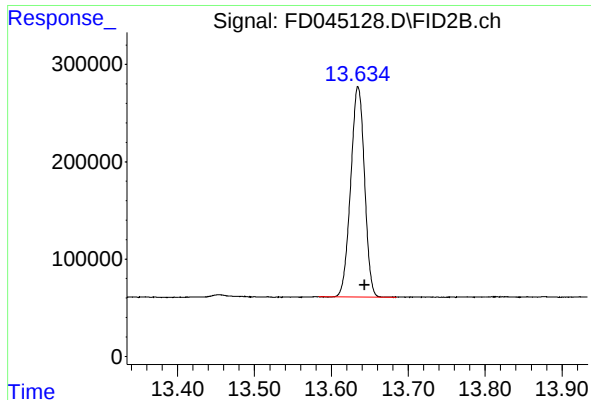
#11 n-Heneicosane (C21)

R.T.: 13.052 min
Delta R.T.: -0.008 min
Response: 2751946
Conc: 20.18 ug/ml



#12 1-chlorooctadecane (SURR)

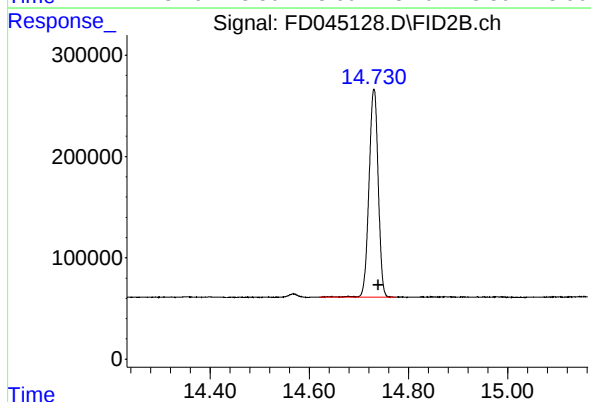
R.T.: 12.883 min
Delta R.T.: -0.009 min
Response: 2316432
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

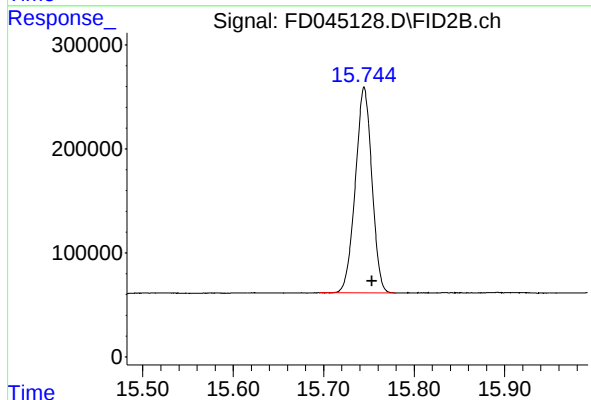
R.T.: 13.635 min
Delta R.T.: -0.008 min
Response: 2692857
Conc: 20.11 ug/ml

Instrument :
FID_D
ClientSampleId :



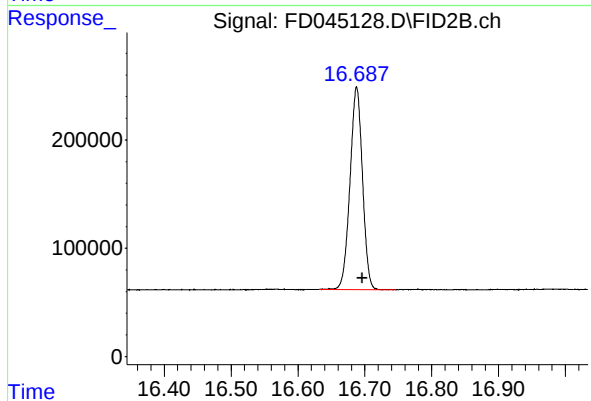
#14 n-Tetracosane (C24)

R.T.: 14.731 min
Delta R.T.: -0.008 min
Response: 2648604
Conc: 20.22 ug/ml



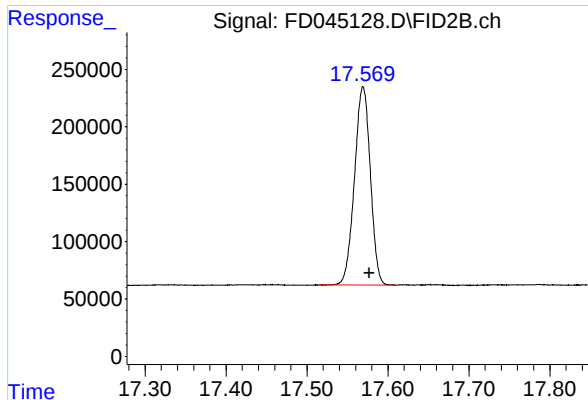
#15 n-Hexacosane (C26)

R.T.: 15.745 min
Delta R.T.: -0.009 min
Response: 2509352
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

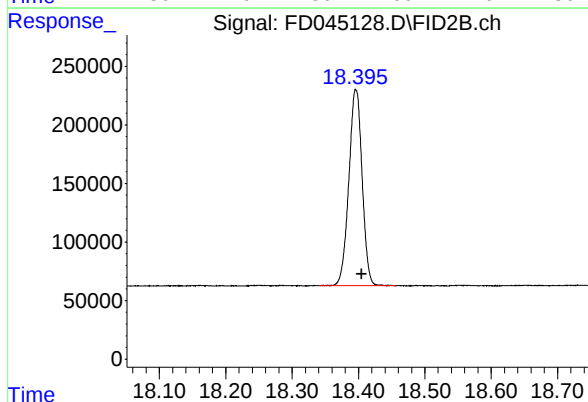
R.T.: 16.688 min
Delta R.T.: -0.008 min
Response: 2425137
Conc: 19.79 ug/ml



#17 n-Tricontane (C30)

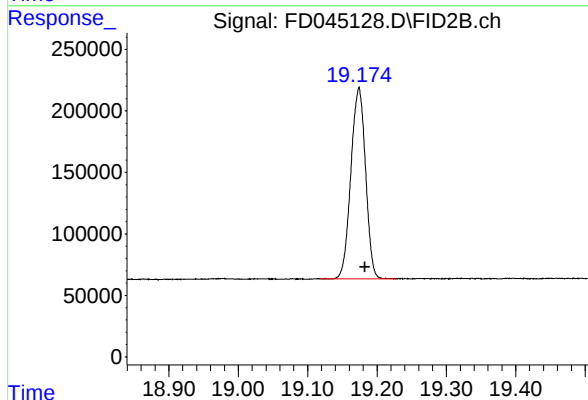
R.T.: 17.569 min
Delta R.T.: -0.008 min
Response: 2352063
Conc: 19.87 ug/ml

Instrument :
FID_D
ClientSampleId :



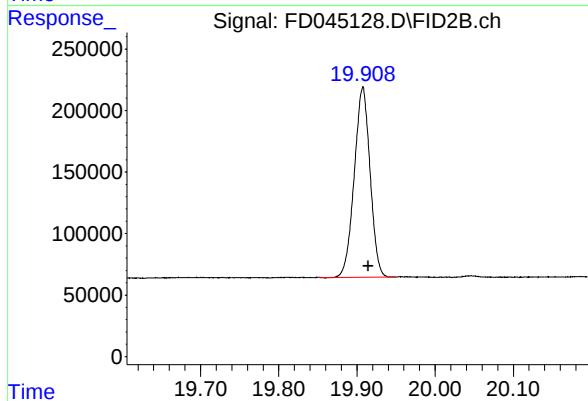
#18 n-Dotriacontane (C32)

R.T.: 18.396 min
Delta R.T.: -0.009 min
Response: 2333395
Conc: 19.93 ug/ml



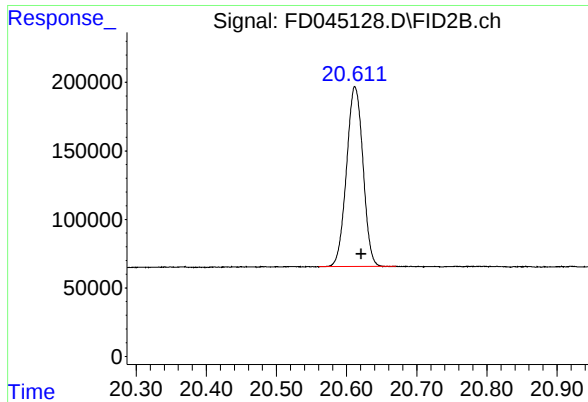
#19 n-Tetatriacontane (C34)

R.T.: 19.174 min
Delta R.T.: -0.008 min
Response: 2281177
Conc: 19.84 ug/ml



#20 n-Hexatriacontane (C36)

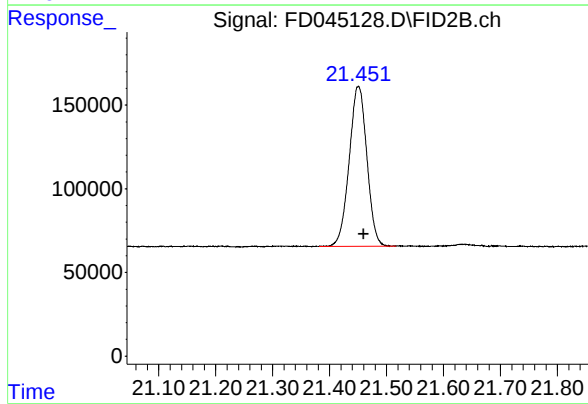
R.T.: 19.908 min
Delta R.T.: -0.007 min
Response: 2173526
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.612 min
Delta R.T.: -0.009 min
Response: 2140176
Conc: 19.86 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.451 min
Delta R.T.: -0.009 min
Response: 2062549
Conc: 19.24 ug/ml