

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AL\
 Data File : FD045769.D
 Signal(s) : FID2B.ch
 Acq On : 27 May 2023 08:05
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 29 01:27:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Mon May 29 01:27:50 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)	11.428	1897546	10.230 ug/ml
Spiked Amount 50.000		Recovery =	20.46%
12) S 1-chlorooctadecane (S...	12.861	1396595	10.202 ug/ml
Spiked Amount 50.000		Recovery =	20.40%
Target Compounds			
1) T n-Nonane (C9)	3.251	1515592	10.237 ug/ml
2) T n-Decane (C10)	4.308	1548658	10.252 ug/ml
3) T A~Naphthalene (C11.7)	5.873	1712212	10.232 ug/ml
4) T n-Dodecane (C12)	6.312	1557424	10.206 ug/ml
5) T A~2-methylnaphthalene...	6.922	1653313	10.167 ug/ml
6) T n-Tetradecane (C14)	8.097	1557461	10.201 ug/ml
7) T n-Hexadecane (C16)	9.688	1619594	10.178 ug/ml
8) T n-Octadecane (C18)	11.121	1668944	10.269 ug/ml
10) T n-Eicosane (C20)	12.422	1606067	10.219 ug/ml
11) T n-Heneicosane (C21)	13.029	1592666	10.274 ug/ml
13) T n-Docosane (C22)	13.611	1579999	10.258 ug/ml
14) T n-Tetracosane (C24)	14.706	1561785	10.256 ug/ml
15) T n-Hexacosane (C26)	15.719	1487212	10.205 ug/ml
16) T n-Octacosane (C28)	16.661	1395891	10.160 ug/ml
17) T n-Tricontane (C30)	17.541	1339879	10.148 ug/ml
18) T n-Dotriacontane (C32)	18.367	1243415	10.067 ug/ml
19) T n-Tetratriacontane (C34)	19.145	1202937	10.237 ug/ml
20) T n-Hexatriacontane (C36)	19.880	1158047	10.258 ug/ml
21) T n-Octatriacontane (C38)	20.581	1159797	10.304 ug/ml
22) T n-Tetracontane (C40)	21.411	1100020	10.084 ug/ml

(f)=RT Delta > 1/2 Window

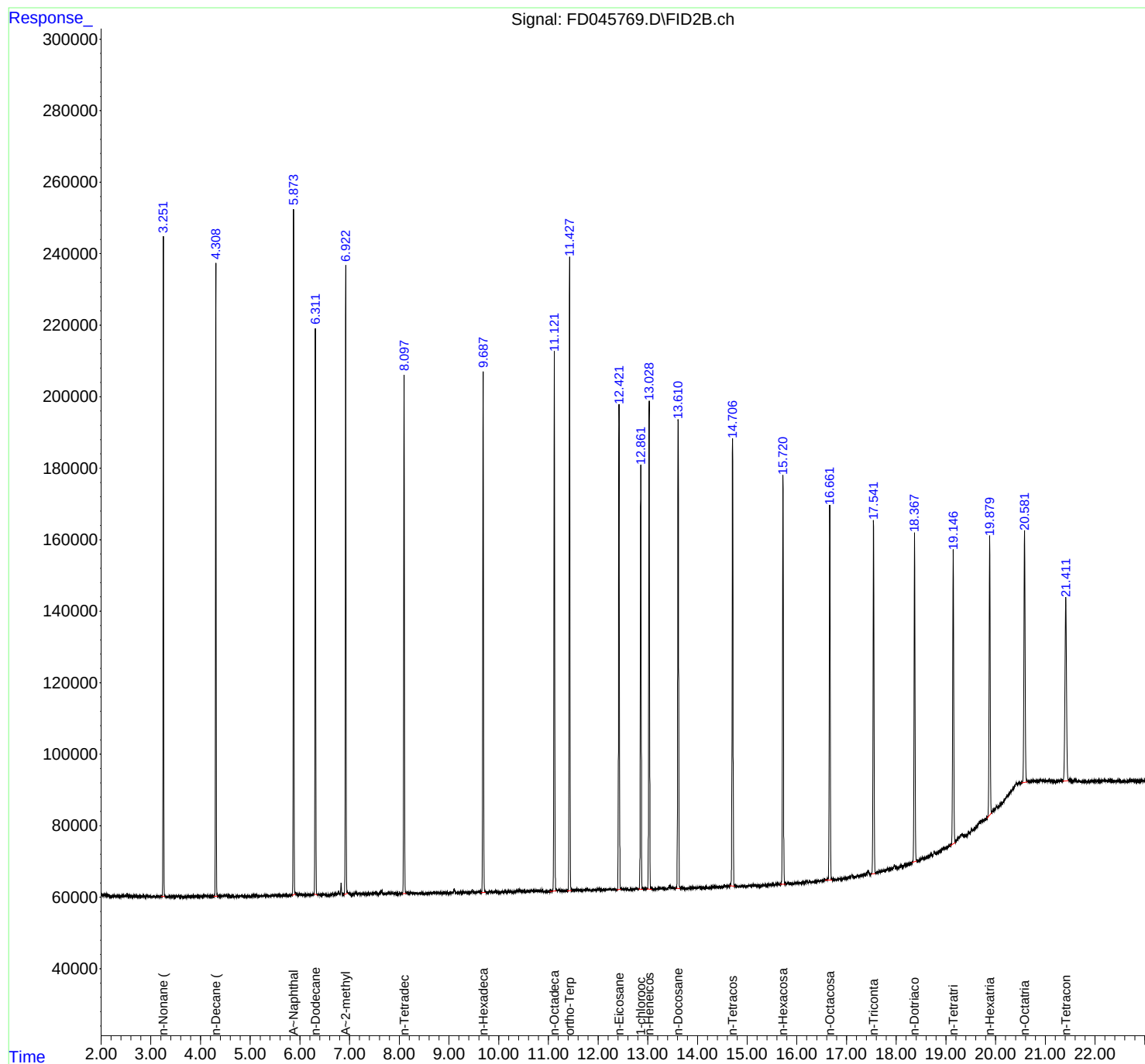
(m)=manual int.

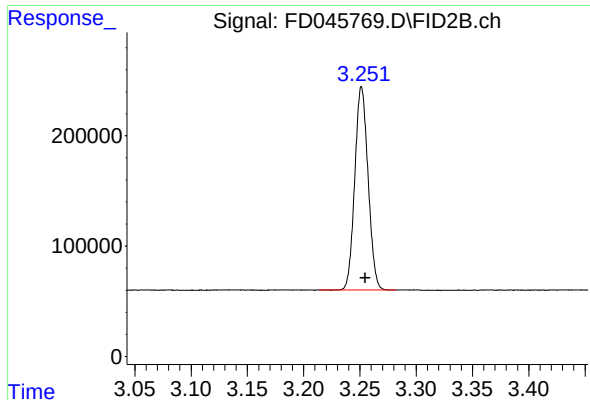
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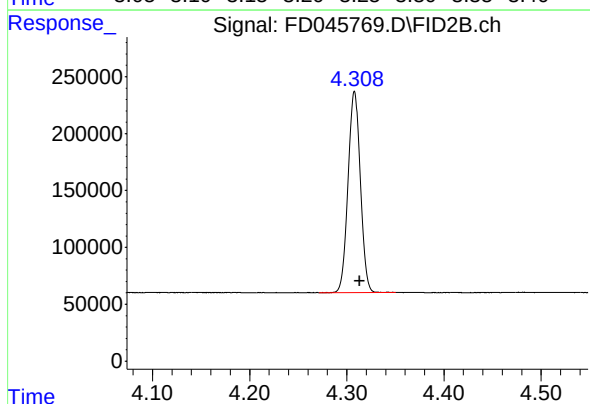




#1 n-Nonane (C9)

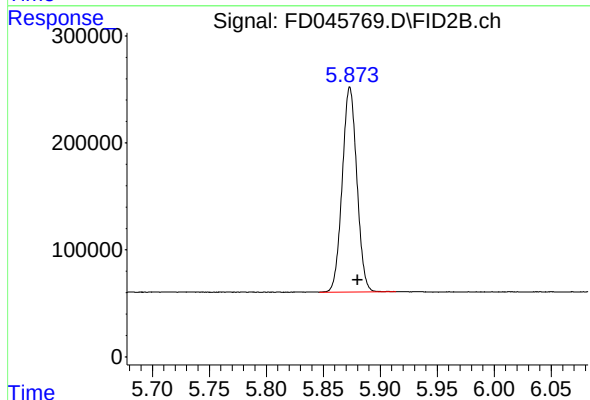
R.T.: 3.251 min
Delta R.T.: -0.004 min
Response: 1515592
Conc: 10.24 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



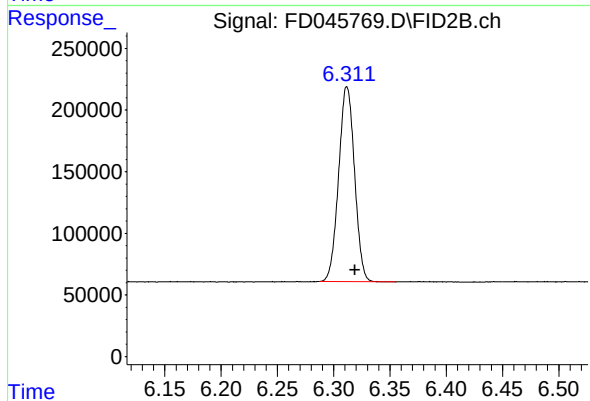
#2 n-Decane (C10)

R.T.: 4.308 min
Delta R.T.: -0.005 min
Response: 1548658
Conc: 10.25 ug/ml



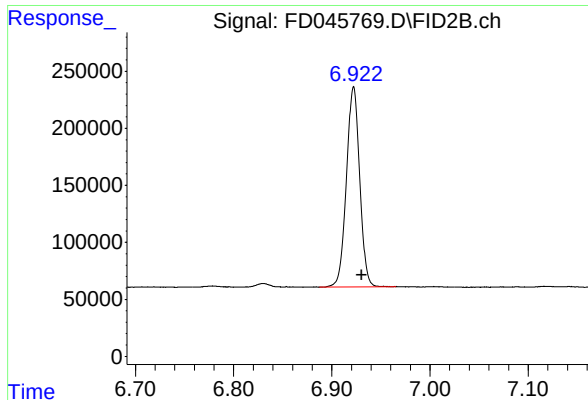
#3 A~Naphthalene (C11.7)

R.T.: 5.873 min
Delta R.T.: -0.007 min
Response: 1712212
Conc: 10.23 ug/ml



#4 n-Dodecane (C12)

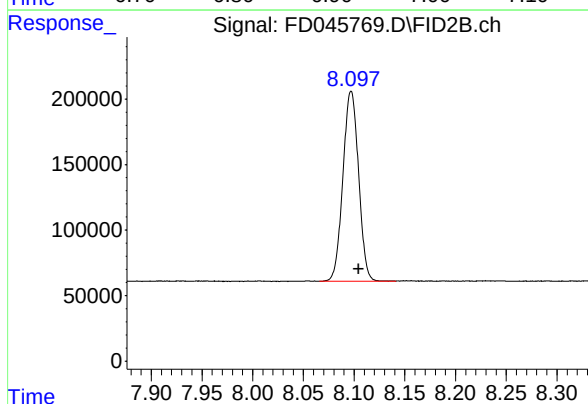
R.T.: 6.312 min
Delta R.T.: -0.007 min
Response: 1557424
Conc: 10.21 ug/ml



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

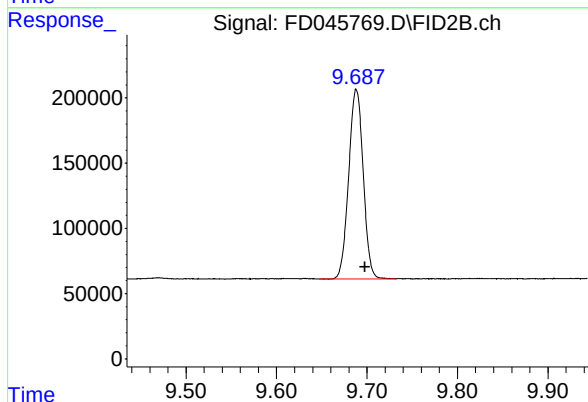
R.T.: 6.922 min
Delta R.T.: -0.008 min
Response: 1653313
Conc: 10.17 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



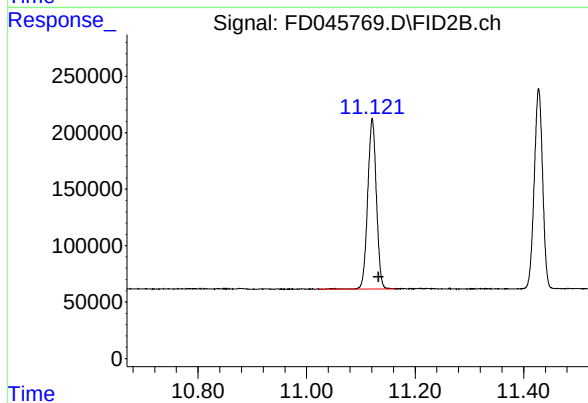
#6 n-Tetradecane (C14)

R.T.: 8.097 min
Delta R.T.: -0.008 min
Response: 1557461
Conc: 10.20 ug/ml



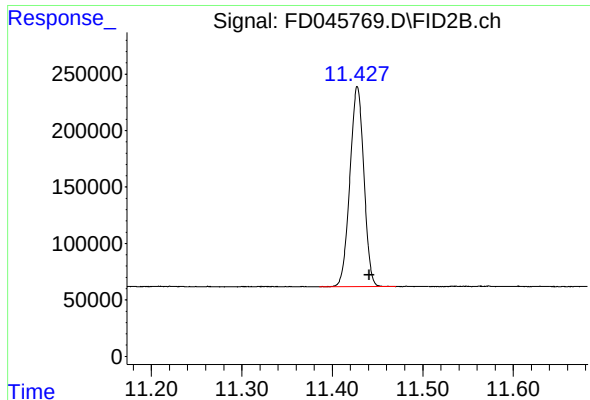
#7 n-Hexadecane (C16)

R.T.: 9.688 min
Delta R.T.: -0.009 min
Response: 1619594
Conc: 10.18 ug/ml



#8 n-Octadecane (C18)

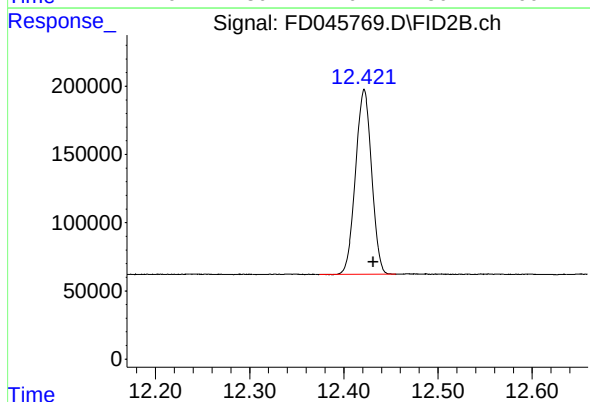
R.T.: 11.121 min
Delta R.T.: -0.012 min
Response: 1668944
Conc: 10.27 ug/ml



#9 ortho-Terphenyl (SURR)

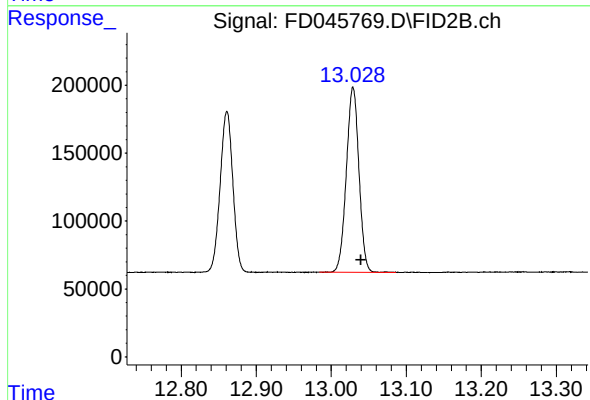
R.T.: 11.428 min
Delta R.T.: -0.013 min
Response: 1897546
Conc: 10.23 ug/ml

Instrument :
FID_D
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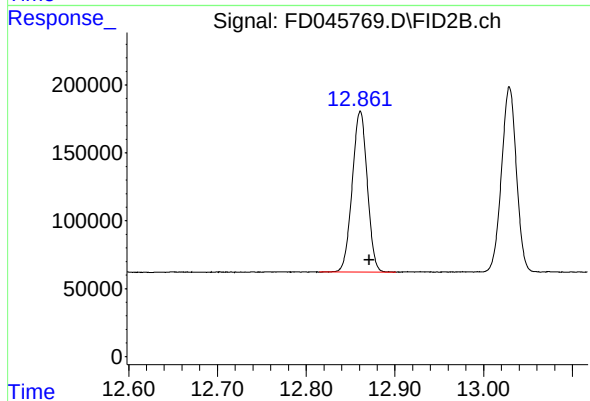
#10 n-Eicosane (C20)

R.T.: 12.422 min
Delta R.T.: -0.010 min
Response: 1606067
Conc: 10.22 ug/ml



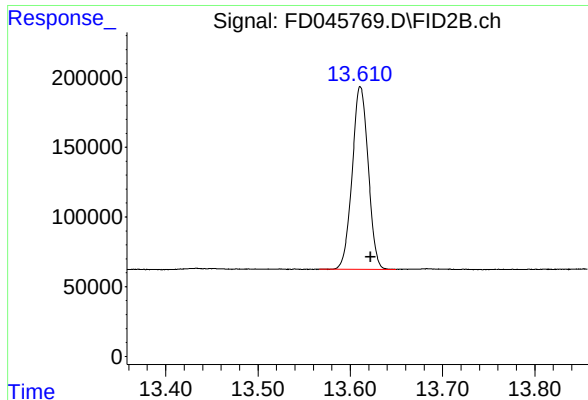
#11 n-Heneicosane (C21)

R.T.: 13.029 min
Delta R.T.: -0.010 min
Response: 1592666
Conc: 10.27 ug/ml



#12 1-chlorooctadecane (SURR)

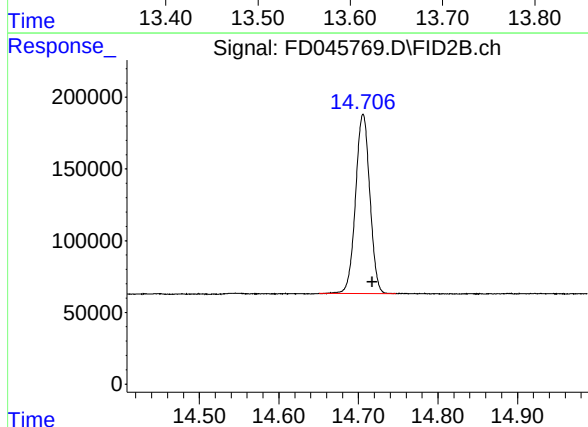
R.T.: 12.861 min
Delta R.T.: -0.010 min
Response: 1396595
Conc: 10.20 ug/ml



#13 n-Docosane (C22)

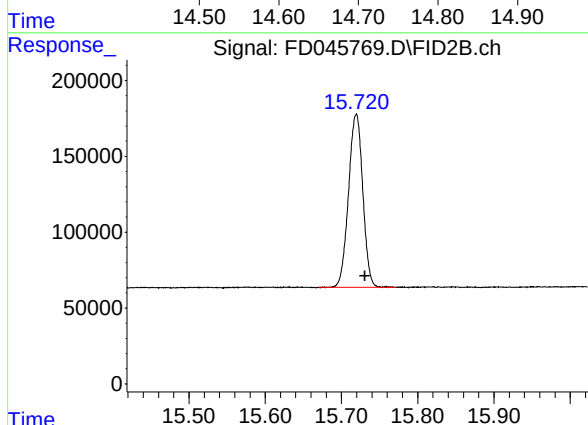
R.T.: 13.611 min
Delta R.T.: -0.011 min
Response: 1579999
Conc: 10.26 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



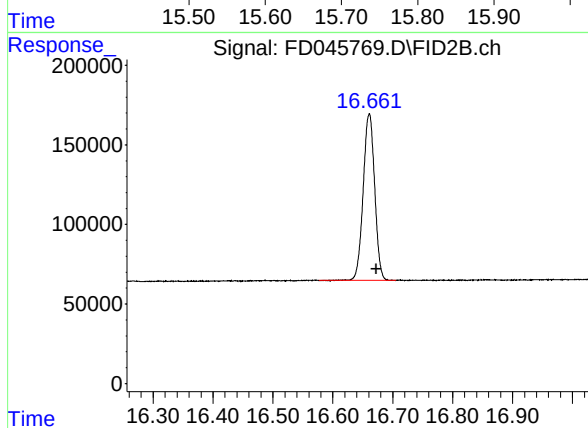
#14 n-Tetracosane (C24)

R.T.: 14.706 min
Delta R.T.: -0.012 min
Response: 1561785
Conc: 10.26 ug/ml



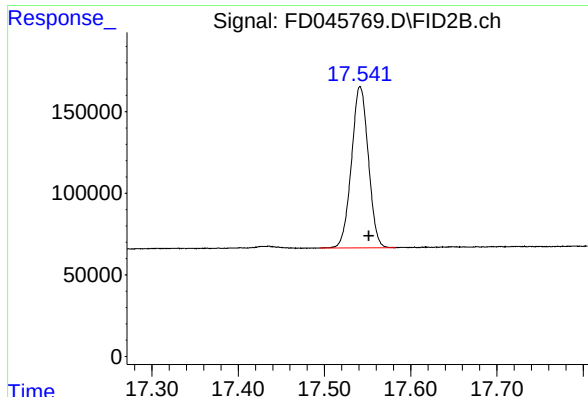
#15 n-Hexacosane (C26)

R.T.: 15.719 min
Delta R.T.: -0.011 min
Response: 1487212
Conc: 10.20 ug/ml



#16 n-Octacosane (C28)

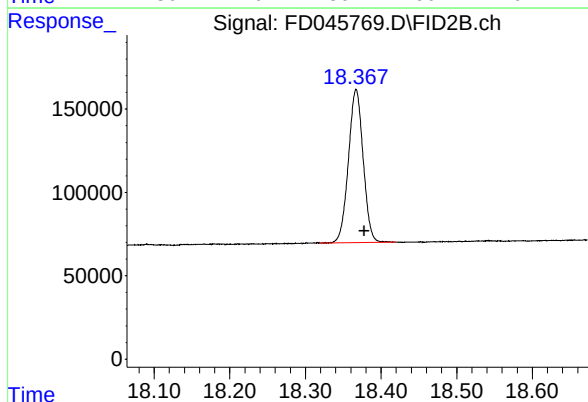
R.T.: 16.661 min
Delta R.T.: -0.012 min
Response: 1395891
Conc: 10.16 ug/ml



#17 n-Tricontane (C30)

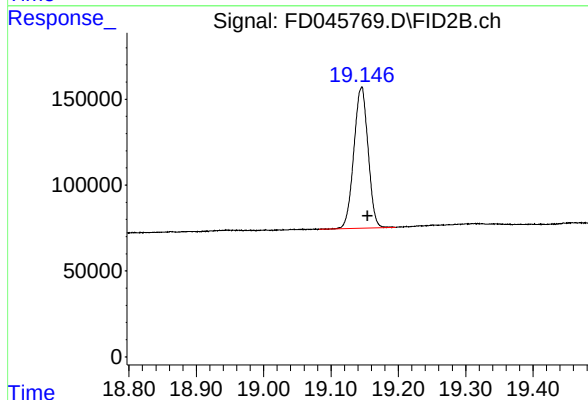
R.T.: 17.541 min
Delta R.T.: -0.010 min
Response: 1339879
Conc: 10.15 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



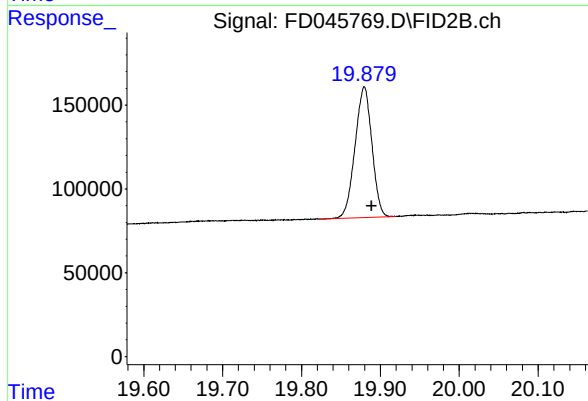
#18 n-Dotriacontane (C32)

R.T.: 18.367 min
Delta R.T.: -0.011 min
Response: 1243415
Conc: 10.07 ug/ml



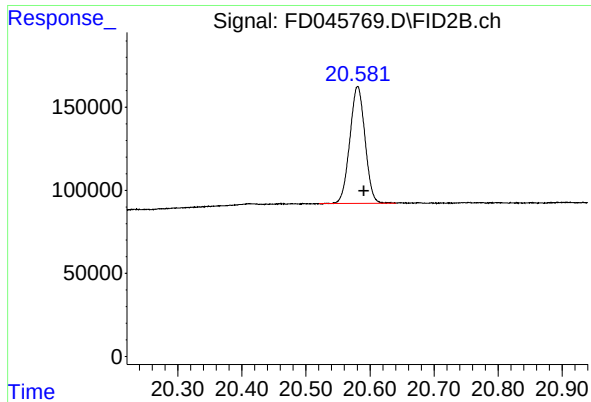
#19 n-Tetratriacontane (C34)

R.T.: 19.145 min
Delta R.T.: -0.009 min
Response: 1202937
Conc: 10.24 ug/ml



#20 n-Hexatriacontane (C36)

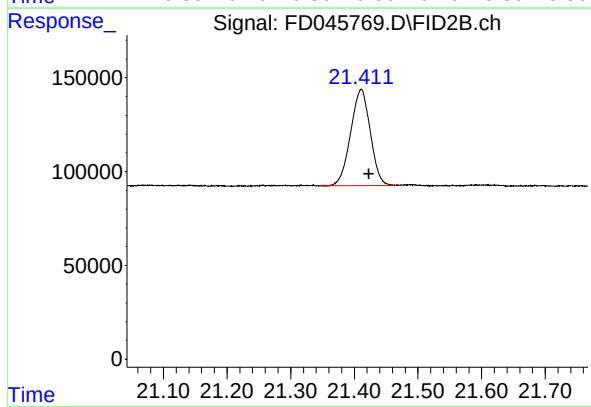
R.T.: 19.880 min
Delta R.T.: -0.009 min
Response: 1158047
Conc: 10.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.581 min
Delta R.T.: -0.010 min
Response: 1159797
Conc: 10.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.411 min
Delta R.T.: -0.012 min
Response: 1100020
Conc: 10.08 ug/ml