

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AL\
 Data File : FD045773.D
 Signal(s) : FID2B.ch
 Acq On : 27 May 2023 11:47
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 29 01:34:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Mon May 29 01:31:07 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)	11.429	3869987	20.488 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
12) S 1-chlorooctadecane (S...	12.861	2849273	20.495 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
Target Compounds			
1) T n-Nonane (C9)	3.251	3090748	20.494 ug/ml
2) T n-Decane (C10)	4.308	3154434	20.487 ug/ml
3) T A~Naphthalene (C11.7)	5.873	3485772	20.463 ug/ml
4) T n-Dodecane (C12)	6.312	3176128	20.439 ug/ml
5) T A~2-methylnaphthalene...	6.922	3387801	20.482 ug/ml
6) T n-Tetradecane (C14)	8.097	3179922	20.434 ug/ml
7) T n-Hexadecane (C16)	9.688	3324017	20.502 ug/ml
8) T n-Octadecane (C18)	11.122	3391373	20.522 ug/ml
10) T n-Eicosane (C20)	12.422	3286381	20.561 ug/ml
11) T n-Heneicosane (C21)	13.029	3242898	20.545 ug/ml
13) T n-Docosane (C22)	13.612	3219340	20.519 ug/ml
14) T n-Tetracosane (C24)	14.707	3193409	20.562 ug/ml
15) T n-Hexacosane (C26)	15.720	3050403	20.597 ug/ml
16) T n-Octacosane (C28)	16.662	2872400	20.609 ug/ml
17) T n-Tricontane (C30)	17.542	2753182	20.582 ug/ml
18) T n-Dotriacontane (C32)	18.367	2565068	20.474 ug/ml
19) T n-Tetratriacontane (C34)	19.145	2427769	20.326 ug/ml
20) T n-Hexatriacontane (C36)	19.878	2349355	20.471 ug/ml
21) T n-Octatriacontane (C38)	20.580	2335992	20.428 ug/ml
22) T n-Tetracontane (C40)	21.410	2264463	20.579 ug/ml

(f)=RT Delta > 1/2 Window

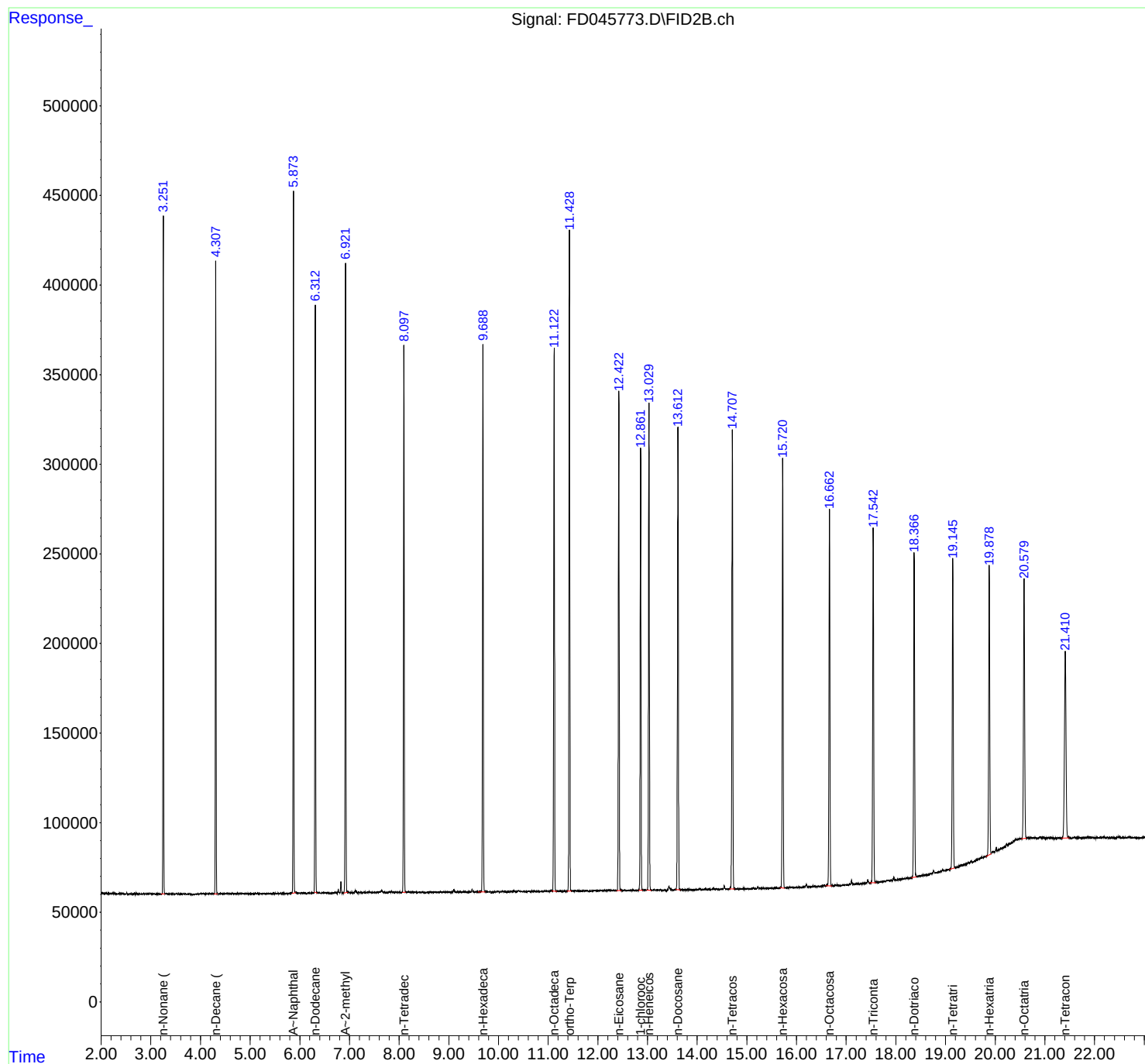
(m)=manual int.

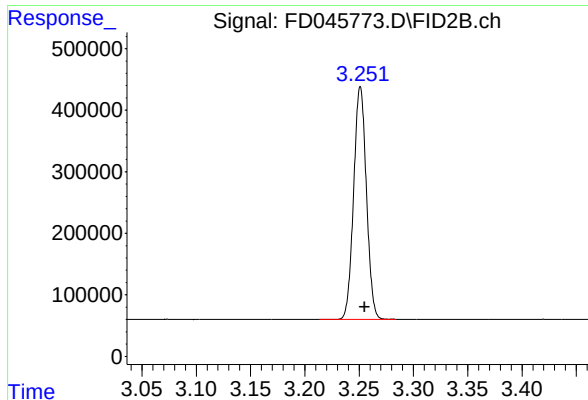
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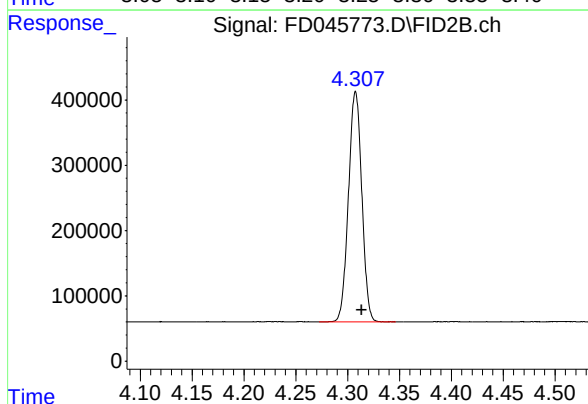




#1 n-Nonane (C9)

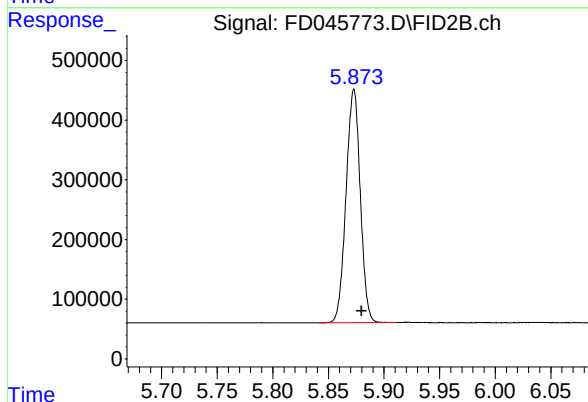
R.T.: 3.251 min
Delta R.T.: -0.004 min
Response: 3090748
Conc: 20.49 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



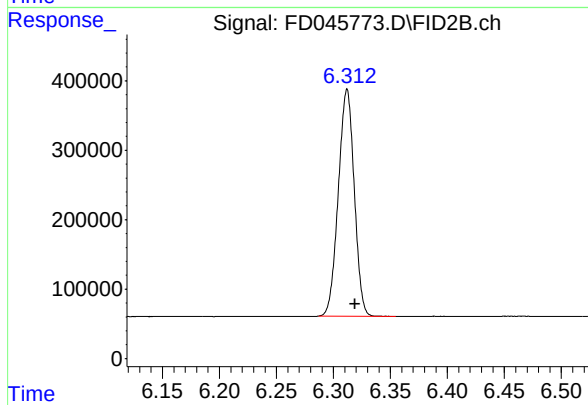
#2 n-Decane (C10)

R.T.: 4.308 min
Delta R.T.: -0.006 min
Response: 3154434
Conc: 20.49 ug/ml



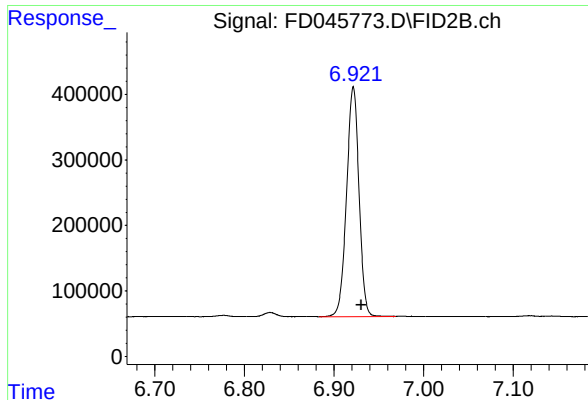
#3 A~Naphthalene (C11.7)

R.T.: 5.873 min
Delta R.T.: -0.007 min
Response: 3485772
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

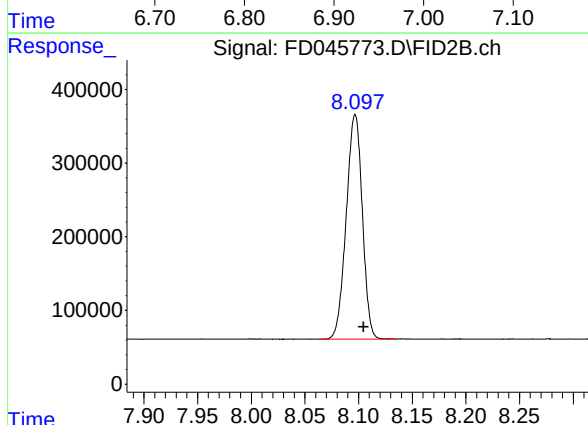
R.T.: 6.312 min
Delta R.T.: -0.007 min
Response: 3176128
Conc: 20.44 ug/ml



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

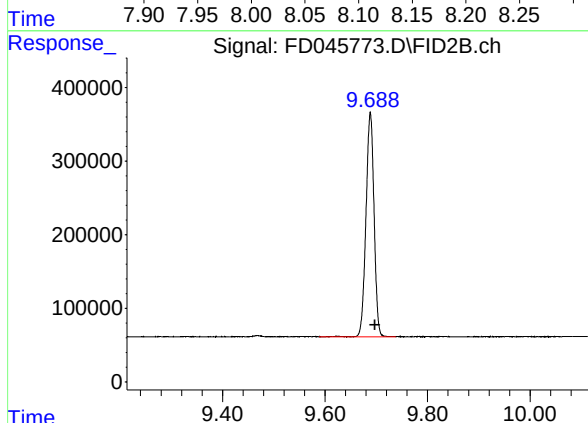
R.T.: 6.922 min
Delta R.T.: -0.009 min
Response: 3387801
Conc: 20.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



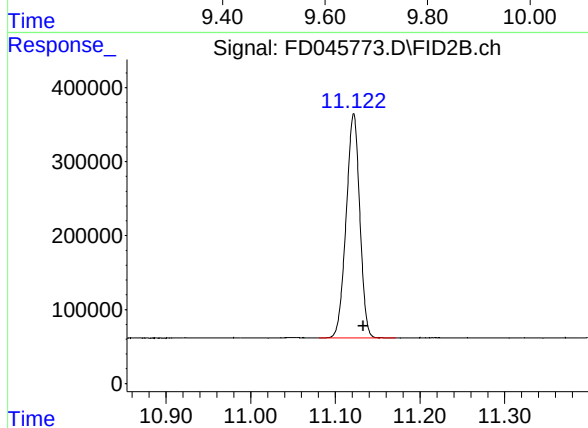
#6 n-Tetradecane (C14)

R.T.: 8.097 min
Delta R.T.: -0.008 min
Response: 3179922
Conc: 20.43 ug/ml



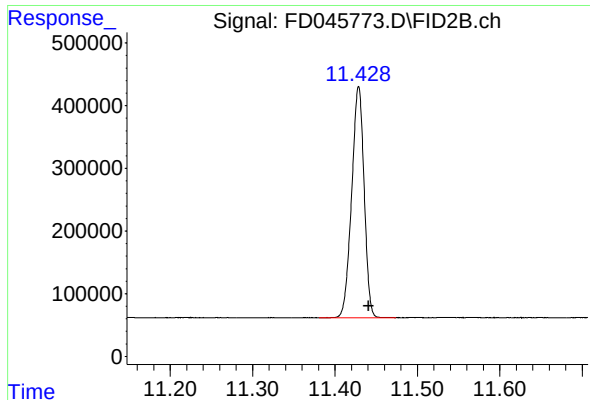
#7 n-Hexadecane (C16)

R.T.: 9.688 min
Delta R.T.: -0.009 min
Response: 3324017
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

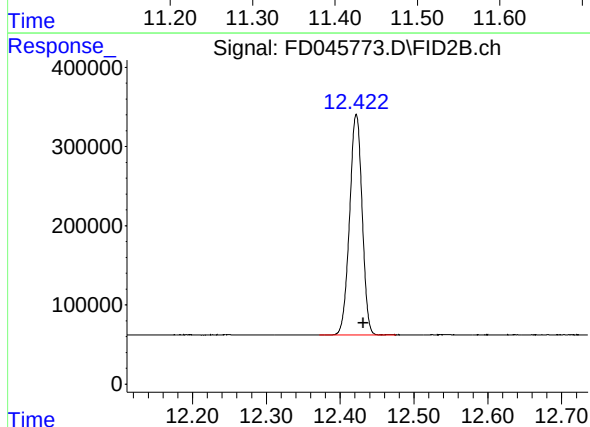
R.T.: 11.122 min
Delta R.T.: -0.011 min
Response: 3391373
Conc: 20.52 ug/ml



#9 ortho-Terphenyl (SURR)

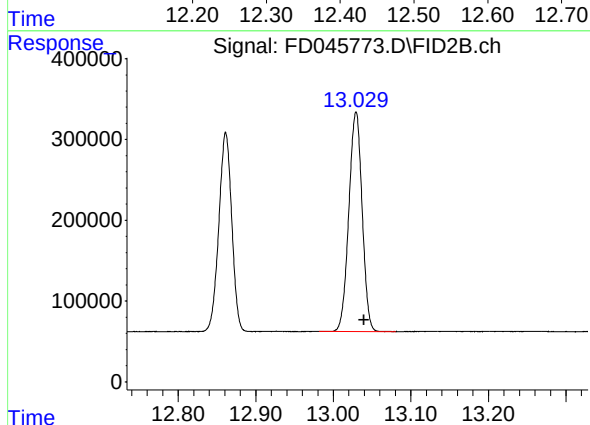
R.T.: 11.429 min
Delta R.T.: -0.012 min
Response: 3869987
Conc: 20.49 ug/ml

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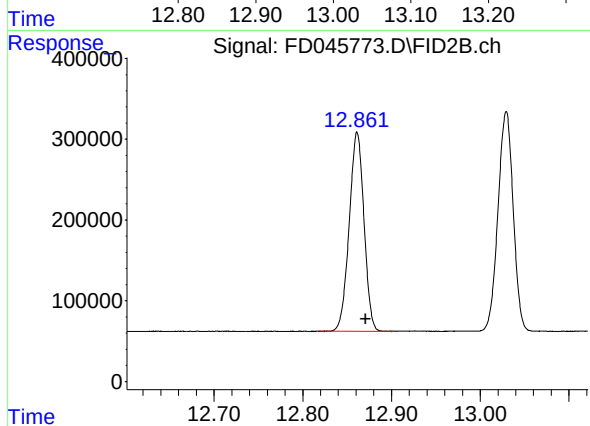
#10 n-Eicosane (C20)

R.T.: 12.422 min
Delta R.T.: -0.009 min
Response: 3286381
Conc: 20.56 ug/ml



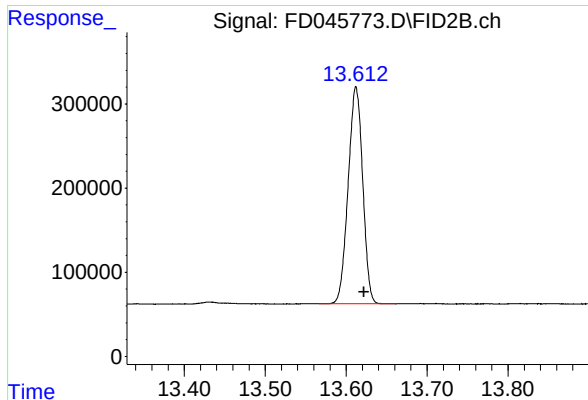
#11 n-Heneicosane (C21)

R.T.: 13.029 min
Delta R.T.: -0.010 min
Response: 3242898
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

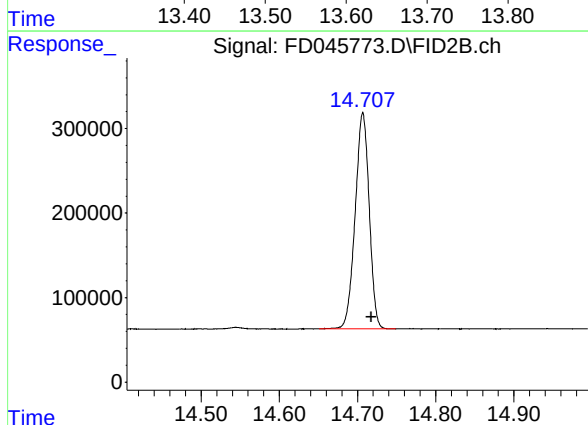
R.T.: 12.861 min
Delta R.T.: -0.010 min
Response: 2849273
Conc: 20.50 ug/ml



#13 n-Docosane (C22)

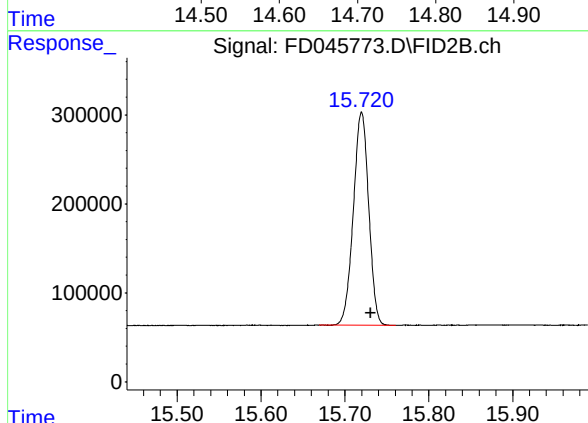
R.T.: 13.612 min
Delta R.T.: -0.010 min
Response: 3219340
Conc: 20.52 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



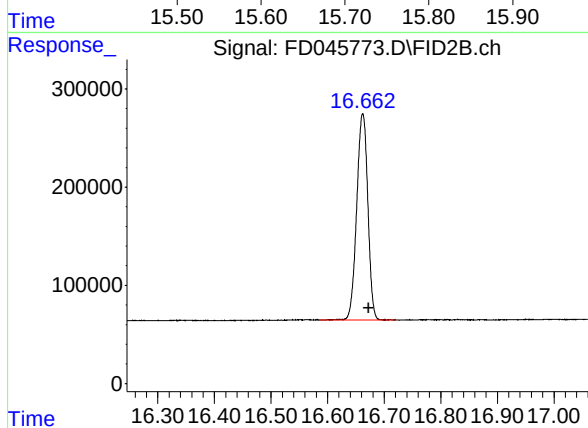
#14 n-Tetracosane (C24)

R.T.: 14.707 min
Delta R.T.: -0.011 min
Response: 3193409
Conc: 20.56 ug/ml



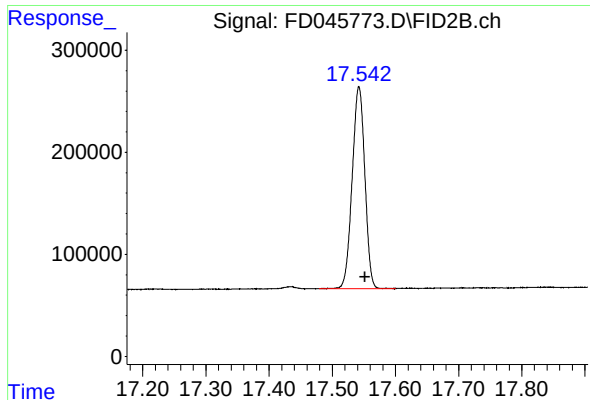
#15 n-Hexacosane (C26)

R.T.: 15.720 min
Delta R.T.: -0.011 min
Response: 3050403
Conc: 20.60 ug/ml



#16 n-Octacosane (C28)

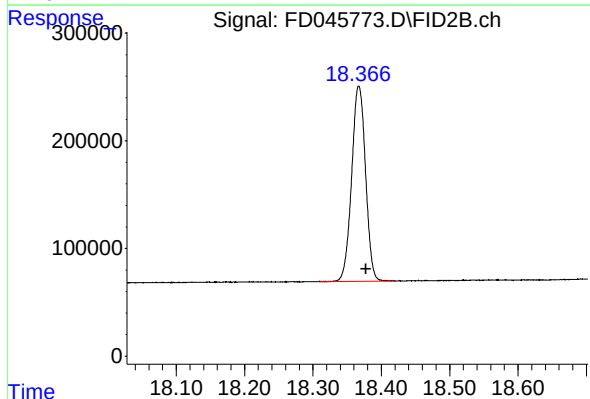
R.T.: 16.662 min
Delta R.T.: -0.011 min
Response: 2872400
Conc: 20.61 ug/ml



#17 n-Tricontane (C30)

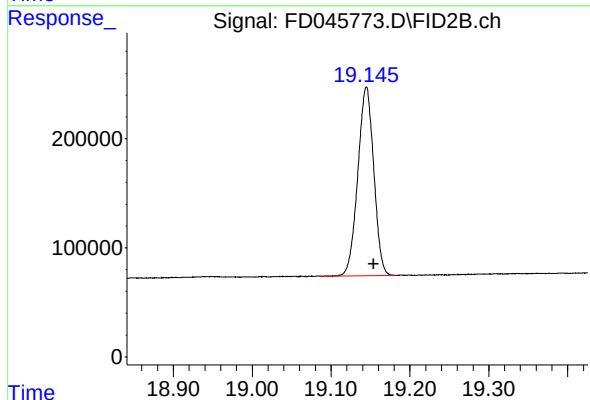
R.T.: 17.542 min
Delta R.T.: -0.009 min
Response: 2753182
Conc: 20.58 ug/ml

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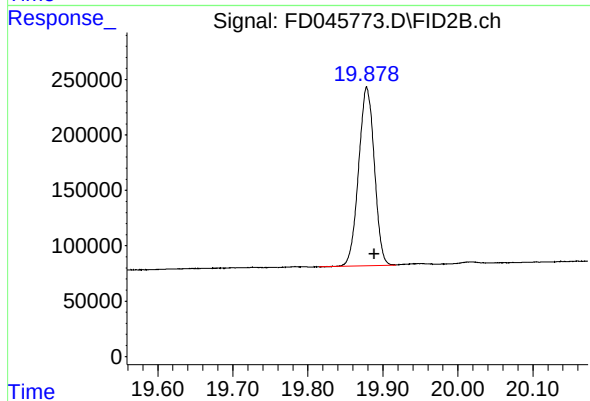
#18 n-Dotriacontane (C32)

R.T.: 18.367 min
Delta R.T.: -0.010 min
Response: 2565068
Conc: 20.47 ug/ml



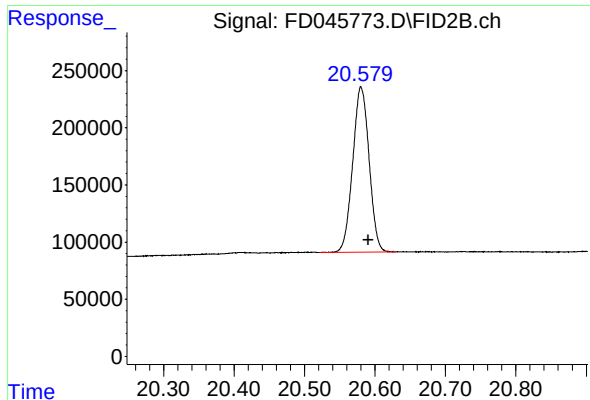
#19 n-Tetratriacontane (C34)

R.T.: 19.145 min
Delta R.T.: -0.010 min
Response: 2427769
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

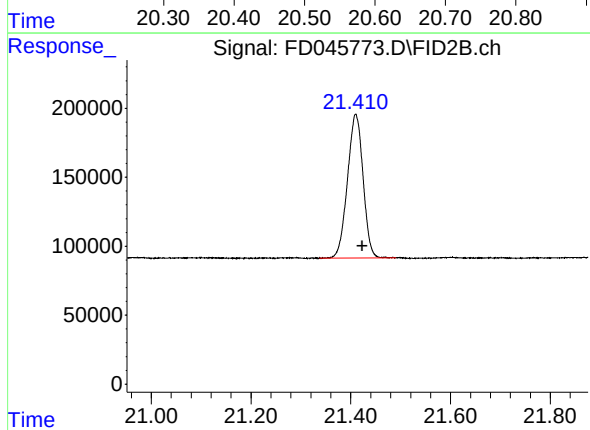
R.T.: 19.878 min
Delta R.T.: -0.010 min
Response: 2349355
Conc: 20.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.580 min
Delta R.T.: -0.010 min
Response: 2335992
Conc: 20.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.410 min
Delta R.T.: -0.013 min
Response: 2264463
Conc: 20.58 ug/ml