

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AL\
 Data File : FD045142.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 19:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 24 04:09:39 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)	11.450	3129845	20.317 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
12) S 1-chlorooctadecane (S...	12.883	2374004	20.527 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
Target Compounds			
1) T n-Nonane (C9)	3.268	2759425	20.295 ug/ml
2) T n-Decane (C10)	4.326	2718622	20.353 ug/ml
3) T A~Naphthalene (C11.7)	5.892	3179542	20.287 ug/ml
4) T n-Dodecane (C12)	6.330	2762748	20.433 ug/ml
5) T A~2-methylnaphthalene...	6.941	2993816	20.269 ug/ml
6) T n-Tetradecane (C14)	8.115	2783792	20.499 ug/ml
7) T n-Hexadecane (C16)	9.708	2850495	20.481 ug/ml
8) T n-Octadecane (C18)	11.141	2869773	20.454 ug/ml
10) T n-Eicosane (C20)	12.444	2770926	20.454 ug/ml
11) T n-Heneicosane (C21)	13.052	2760101	20.242 ug/ml
13) T n-Docosane (C22)	13.634	2726904	20.365 ug/ml
14) T n-Tetracosane (C24)	14.730	2679058	20.457 ug/ml
15) T n-Hexacosane (C26)	15.744	2546026	20.217 ug/ml
16) T n-Octacosane (C28)	16.687	2471346	20.165 ug/ml
17) T n-Tricontane (C30)	17.568	2416179	20.407 ug/ml
18) T n-Dotriacontane (C32)	18.395	2410581	20.592 ug/ml
19) T n-Tetratriacontane (C34)	19.173	2358439	20.516 ug/ml
20) T n-Hexatriacontane (C36)	19.907	2279608	20.755 ug/ml
21) T n-Octatriacontane (C38)	20.612	2209340	20.498 ug/ml
22) T n-Tetracontane (C40)	21.448	2235968	20.856 ug/ml

(f)=RT Delta > 1/2 Window

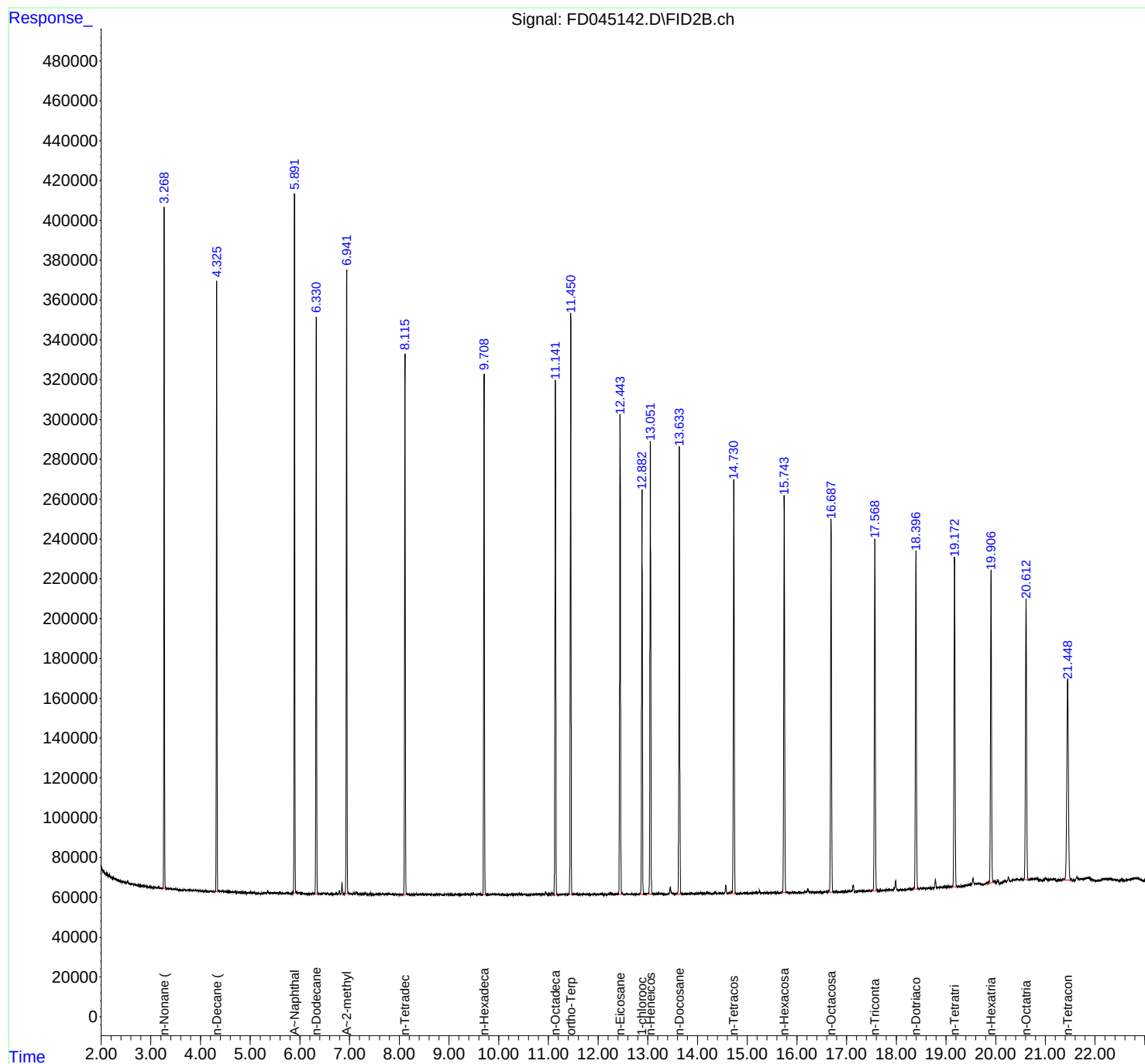
(m)=manual int.

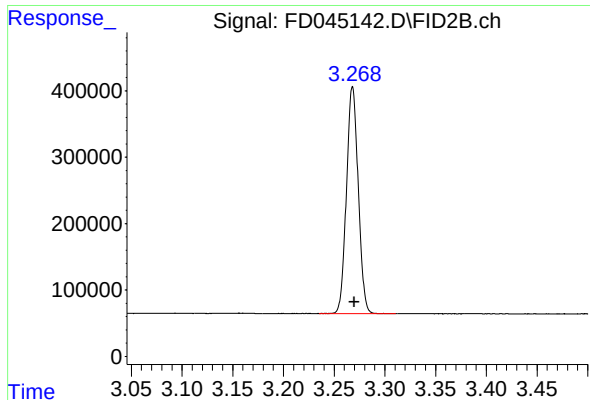
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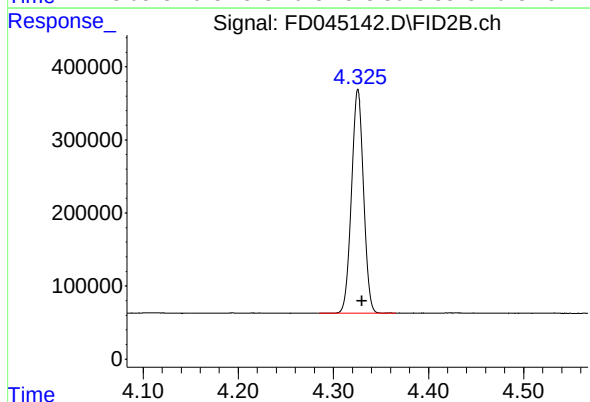




#1 n-Nonane (C9)

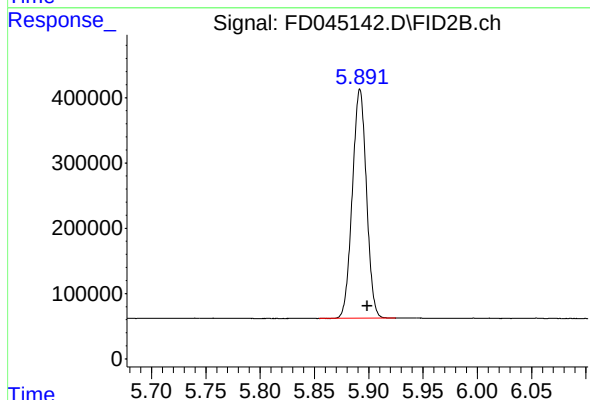
R.T.: 3.268 min
Delta R.T.: -0.002 min
Response: 2759425
Conc: 20.30 ug/ml

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20 PPM ALIPHATIC HC STD



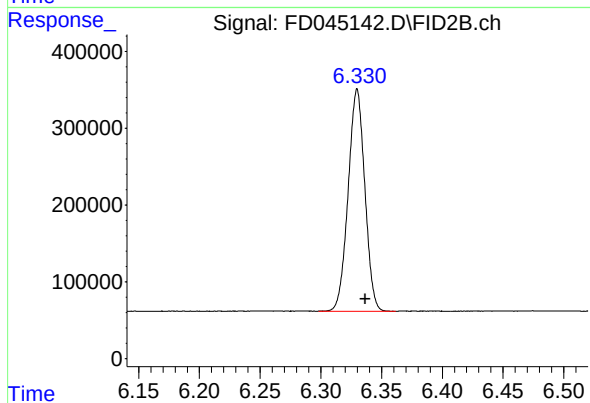
#2 n-Decane (C10)

R.T.: 4.326 min
Delta R.T.: -0.004 min
Response: 2718622
Conc: 20.35 ug/ml



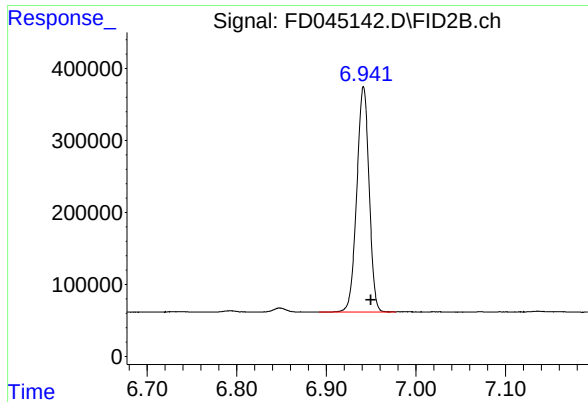
#3 A~Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.007 min
Response: 3179542
Conc: 20.29 ug/ml



#4 n-Dodecane (C12)

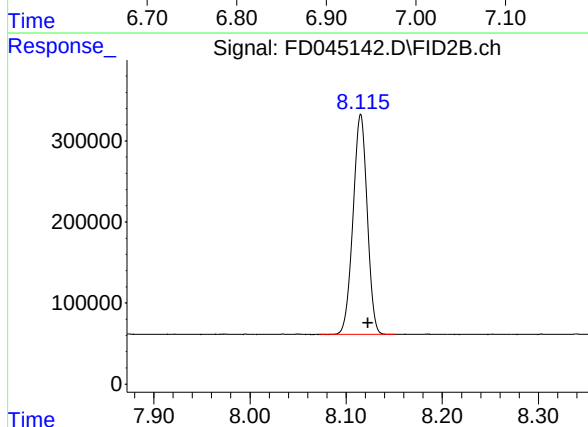
R.T.: 6.330 min
Delta R.T.: -0.007 min
Response: 2762748
Conc: 20.43 ug/ml



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

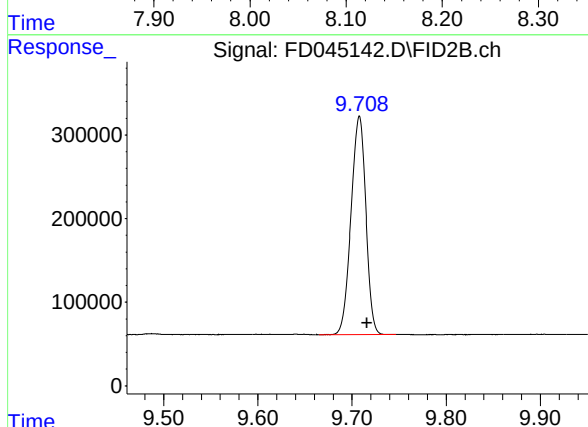
R.T.: 6.941 min
Delta R.T.: -0.008 min
Response: 2993816
Conc: 20.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



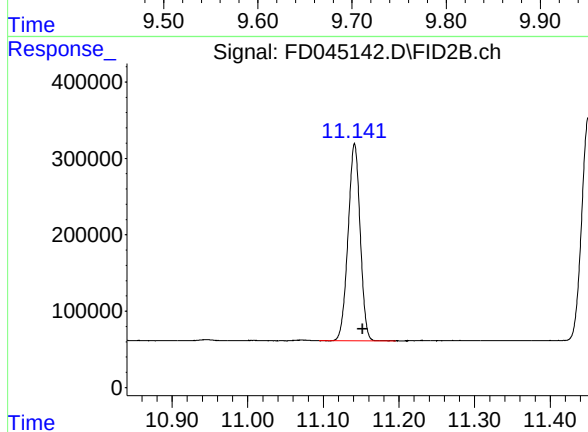
#6 n-Tetradecane (C14)

R.T.: 8.115 min
Delta R.T.: -0.008 min
Response: 2783792
Conc: 20.50 ug/ml



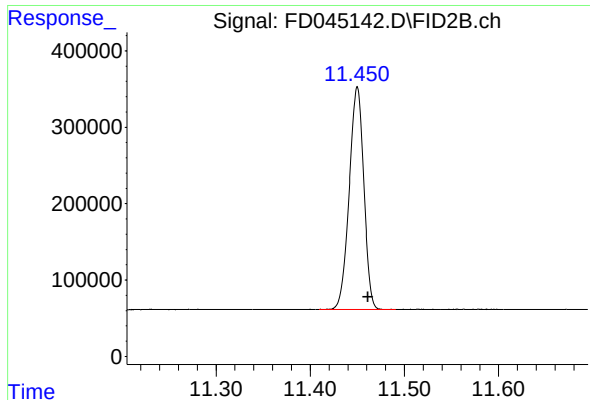
#7 n-Hexadecane (C16)

R.T.: 9.708 min
Delta R.T.: -0.008 min
Response: 2850495
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

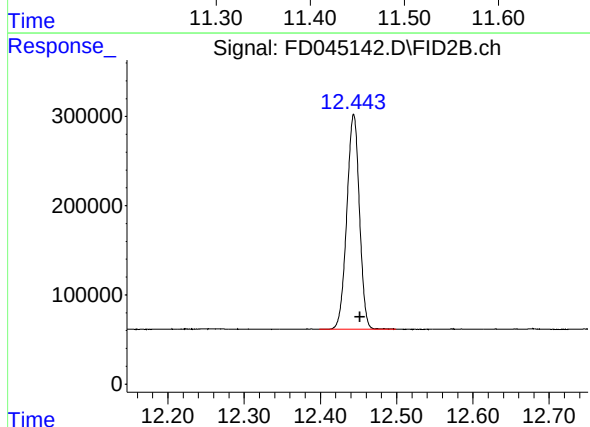
R.T.: 11.141 min
Delta R.T.: -0.011 min
Response: 2869773
Conc: 20.45 ug/ml



#9 ortho-Terphenyl (SURR)

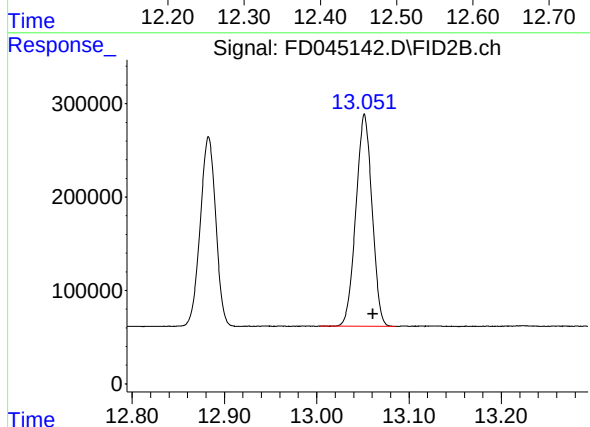
R.T.: 11.450 min
Delta R.T.: -0.011 min
Response: 3129845
Conc: 20.32 ug/ml

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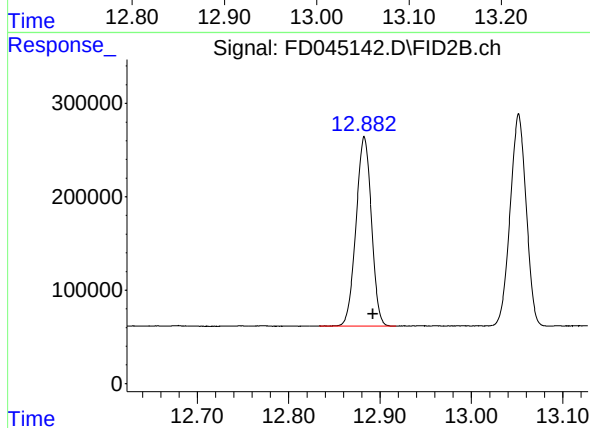
#10 n-Eicosane (C20)

R.T.: 12.444 min
Delta R.T.: -0.008 min
Response: 2770926
Conc: 20.45 ug/ml



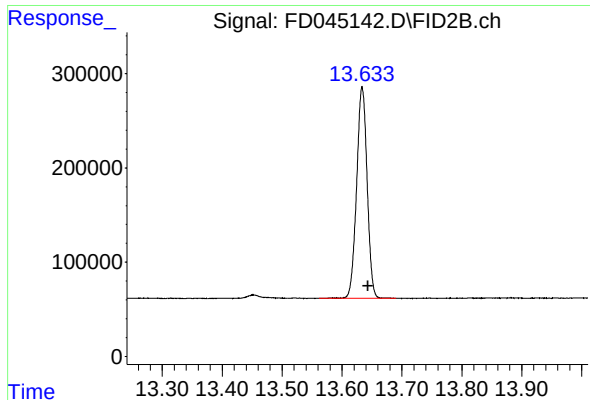
#11 n-Heneicosane (C21)

R.T.: 13.052 min
Delta R.T.: -0.009 min
Response: 2760101
Conc: 20.24 ug/ml



#12 1-chlorooctadecane (SURR)

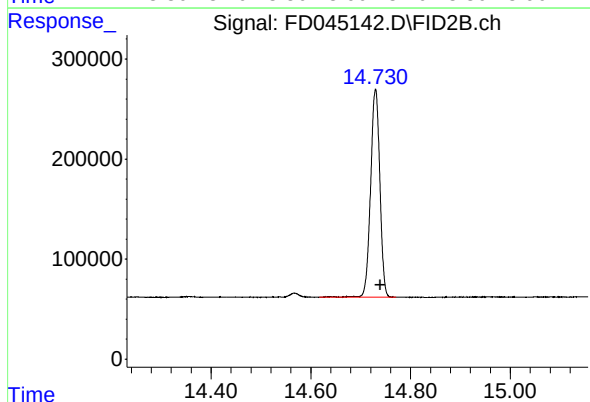
R.T.: 12.883 min
Delta R.T.: -0.009 min
Response: 2374004
Conc: 20.53 ug/ml



#13 n-Docosane (C22)

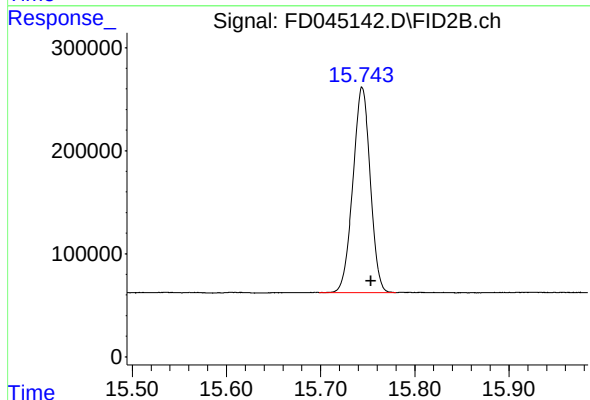
R.T.: 13.634 min
Delta R.T.: -0.010 min
Response: 2726904
Conc: 20.37 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



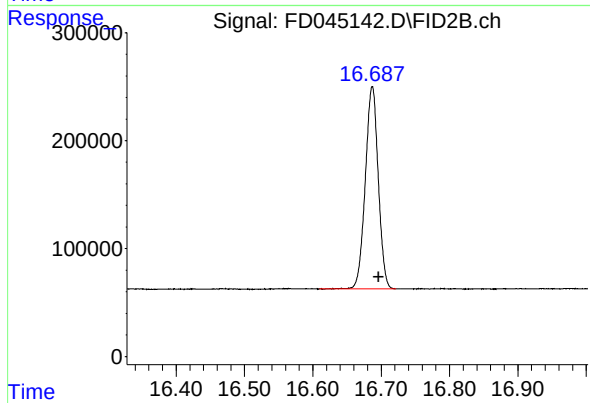
#14 n-Tetracosane (C24)

R.T.: 14.730 min
Delta R.T.: -0.009 min
Response: 2679058
Conc: 20.46 ug/ml



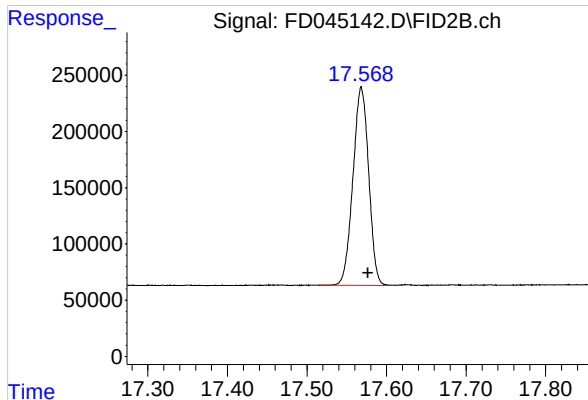
#15 n-Hexacosane (C26)

R.T.: 15.744 min
Delta R.T.: -0.009 min
Response: 2546026
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

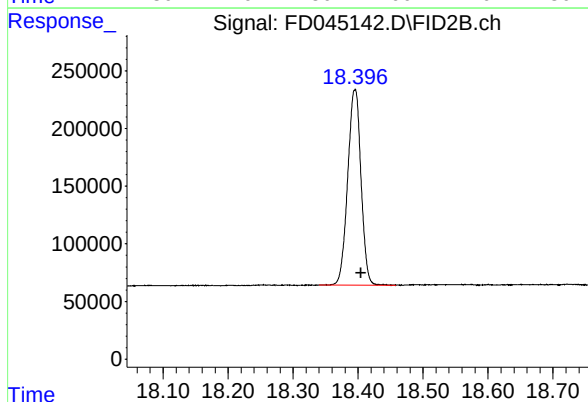
R.T.: 16.687 min
Delta R.T.: -0.009 min
Response: 2471346
Conc: 20.16 ug/ml



#17 n-Tricontane (C30)

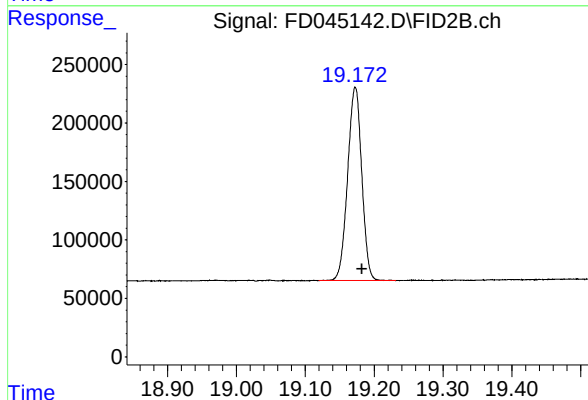
R.T.: 17.568 min
Delta R.T.: -0.009 min
Response: 2416179
Conc: 20.41 ug/ml

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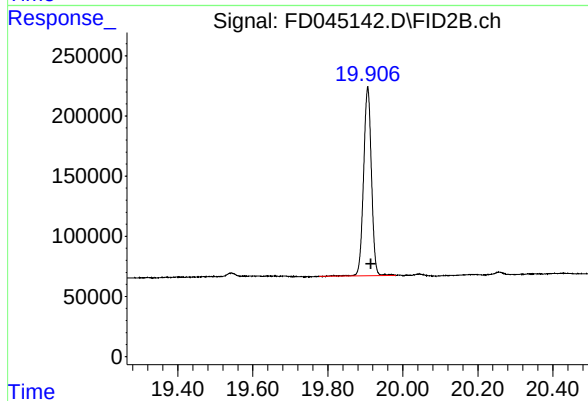
#18 n-Dotriacontane (C32)

R.T.: 18.395 min
Delta R.T.: -0.009 min
Response: 2410581
Conc: 20.59 ug/ml



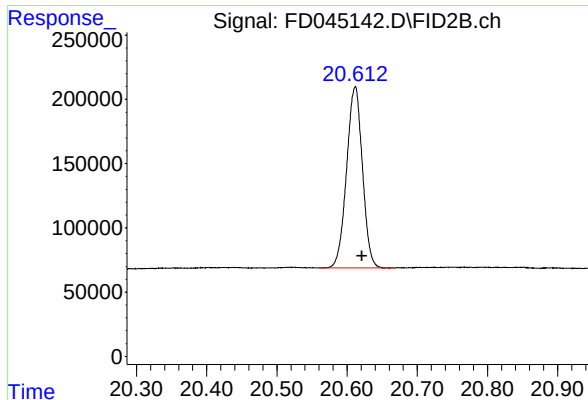
#19 n-Tetratriacontane (C34)

R.T.: 19.173 min
Delta R.T.: -0.010 min
Response: 2358439
Conc: 20.52 ug/ml



#20 n-Hexatriacontane (C36)

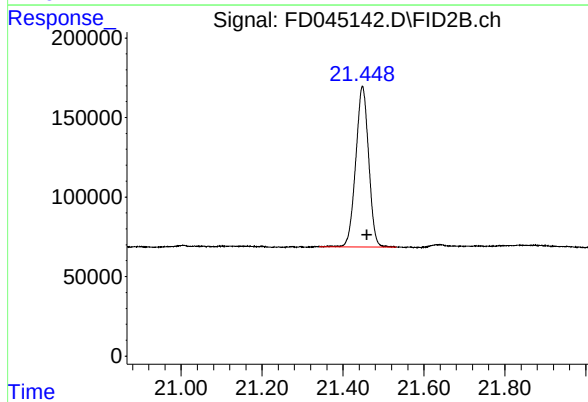
R.T.: 19.907 min
Delta R.T.: -0.008 min
Response: 2279608
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.612 min
Delta R.T.: -0.009 min
Response: 2209340
Conc: 20.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.448 min
Delta R.T.: -0.012 min
Response: 2235968
Conc: 20.86 ug/ml