

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AL\
 Data File : FD042669.D
 Signal(s) : FID2B.CH
 Acq On : 28 May 2022 6:01
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 28 07:58:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.583	3411703	20.542 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
12) S 1-chlorooctadecane (S...	13.016	2686230	20.568 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.353	2850690	20.578 ug/ml
2) T n-Decane (C10)	4.421	2842807	20.588 ug/ml
3) T A~Naphthalene (C11.7)	6.003	3240462	20.599 ug/ml
4) T n-Dodecane (C12)	6.437	2914868	20.570 ug/ml
5) T A~2-methylnaphthalene...	7.058	3293477	20.571 ug/ml
6) T n-Tetradecane (C14)	8.229	2957017	20.533 ug/ml
7) T n-Hexadecane (C16)	9.827	3026426	20.517 ug/ml
8) T n-Octadecane (C18)	11.267	3092893	20.549 ug/ml
10) T n-Eicosane (C20)	12.573	3096136	20.589 ug/ml
11) T n-Heneicosane (C21)	13.184	3115412	20.580 ug/ml
13) T n-Docosane (C22)	13.769	3115753	20.612 ug/ml
14) T n-Tetracosane (C24)	14.869	3096006	20.629 ug/ml
15) T n-Hexacosane (C26)	15.886	3023285	20.737 ug/ml
16) T n-Octacosane (C28)	16.835	3019688	21.651 ug/ml
17) T n-Tricontane (C30)	17.719	2732253	20.898 ug/ml
18) T n-Dotriacontane (C32)	18.549	2457587	20.814 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2203509	20.728 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2016085	20.619 ug/ml
21) T n-Octatriacontane (C38)	20.799	1911444	20.956 ug/ml
22) T n-Tetracontane (C40)	21.700	1736402	21.428 ug/ml

(f)=RT Delta > 1/2 Window

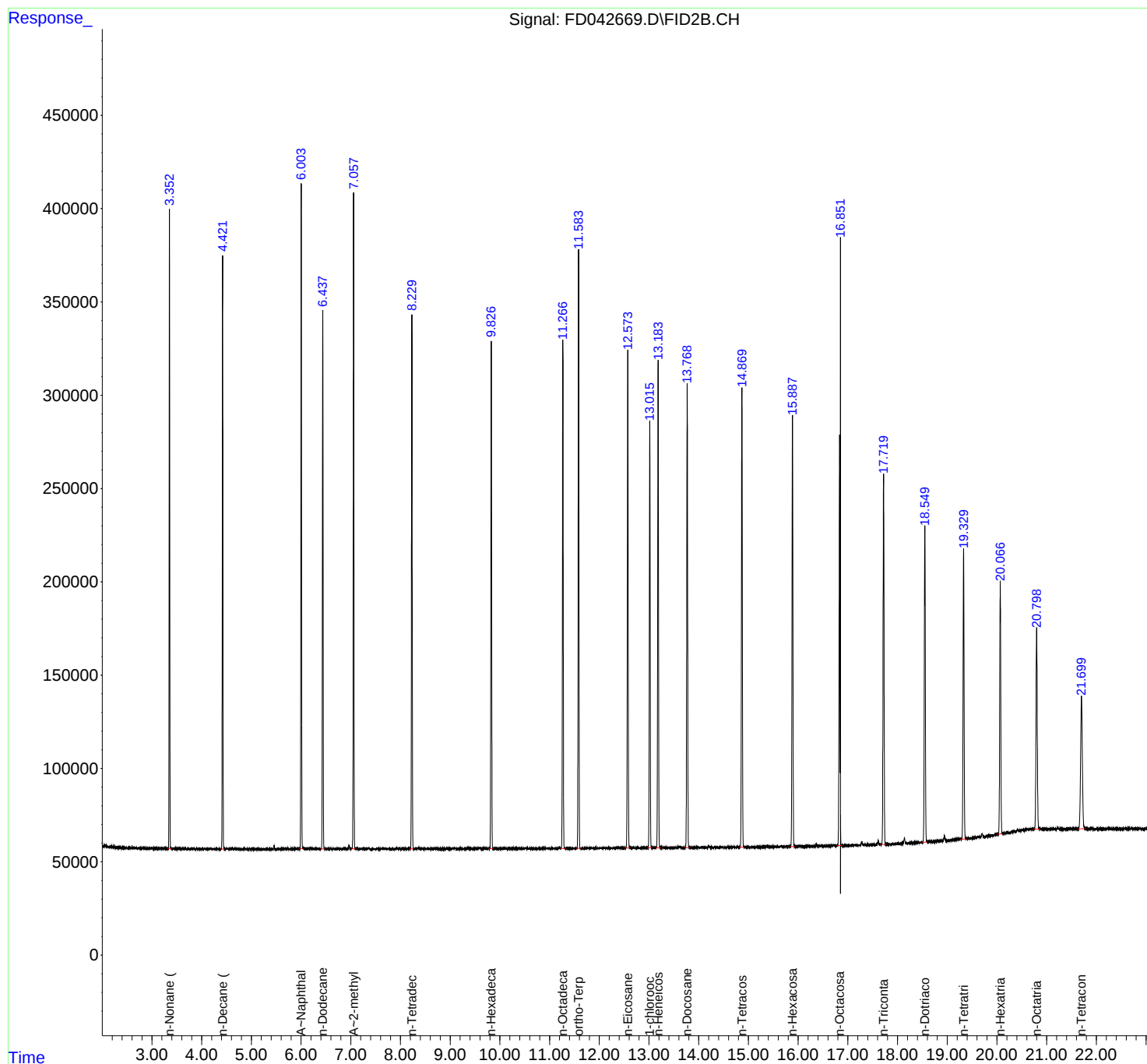
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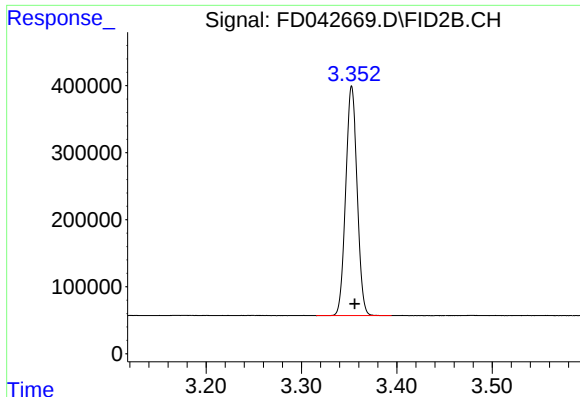
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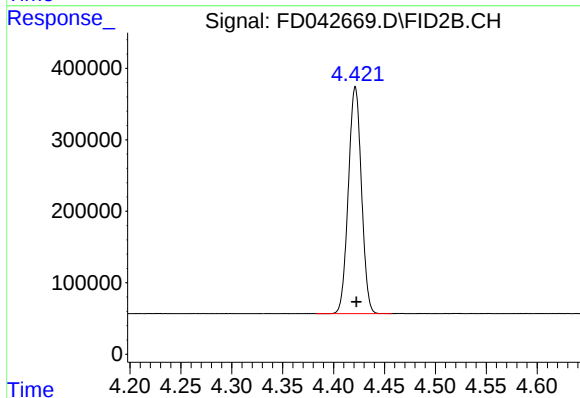




#1 n-Nonane (C9)

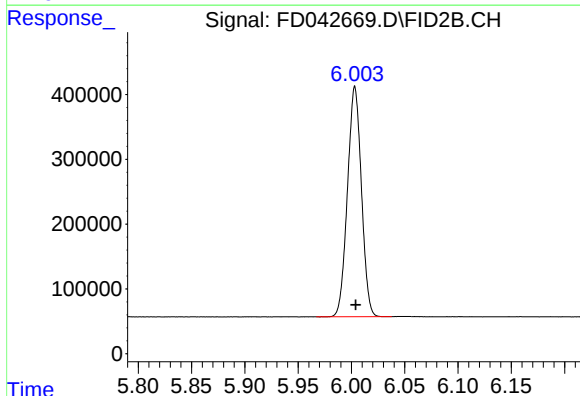
R.T.: 3.353 min
Delta R.T.: -0.003 min
Response: 2850690
Conc: 20.58 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



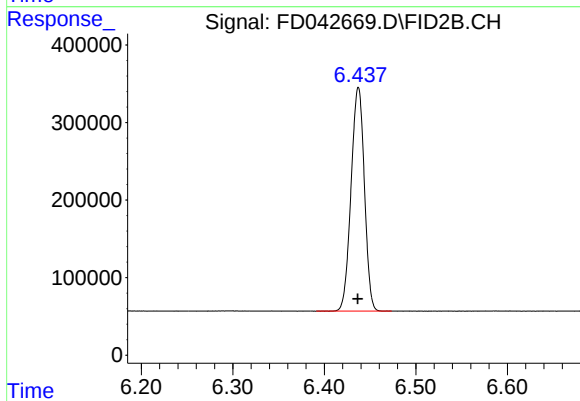
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 2842807
Conc: 20.59 ug/ml



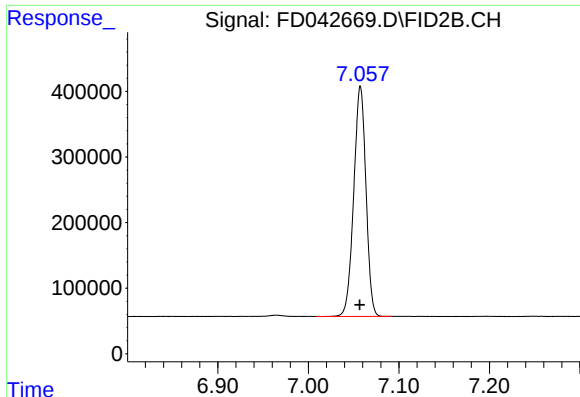
#3 A~Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 3240462
Conc: 20.60 ug/ml



#4 n-Dodecane (C12)

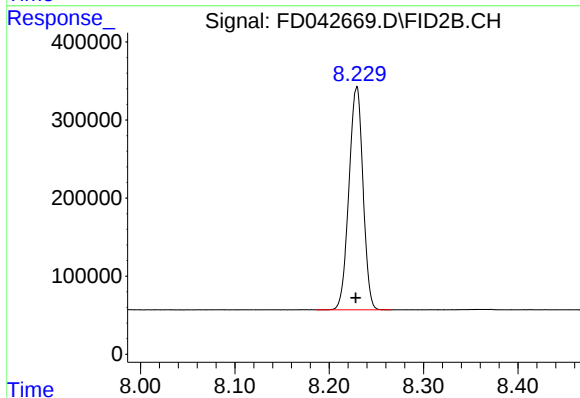
R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 2914868
Conc: 20.57 ug/ml



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

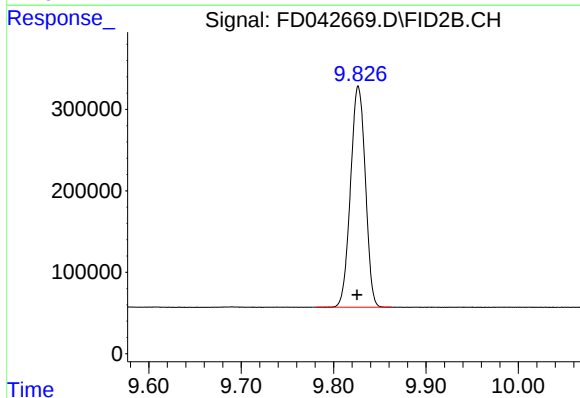
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 3293477
Conc: 20.57 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



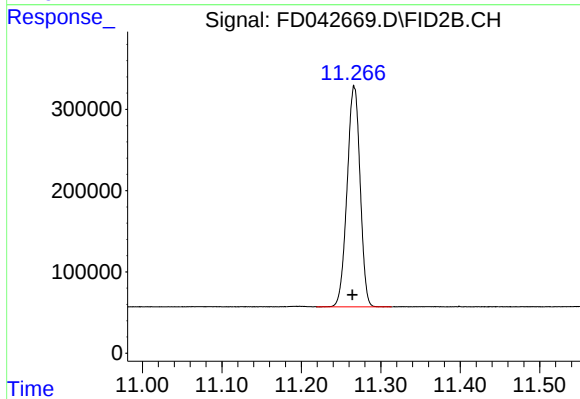
#6 n-Tetradecane (C14)

R.T.: 8.229 min
Delta R.T.: 0.001 min
Response: 2957017
Conc: 20.53 ug/ml



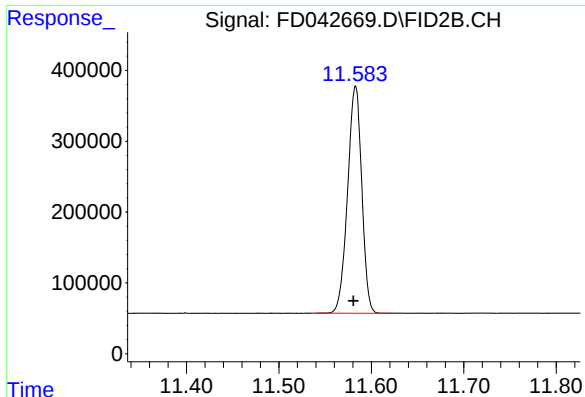
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.001 min
Response: 3026426
Conc: 20.52 ug/ml



#8 n-Octadecane (C18)

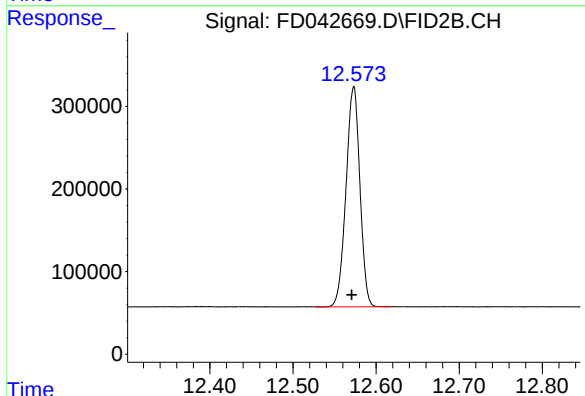
R.T.: 11.267 min
Delta R.T.: 0.002 min
Response: 3092893
Conc: 20.55 ug/ml



#9 ortho-Terphenyl (SURR)

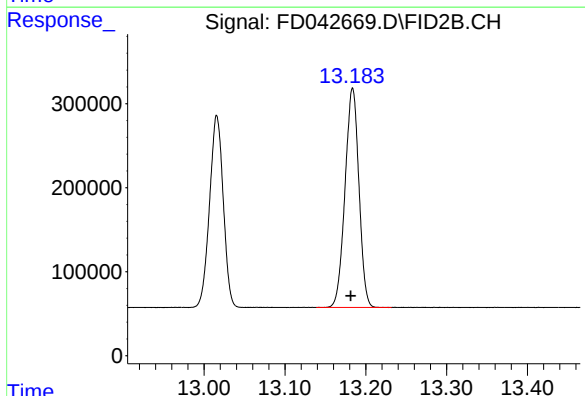
R.T.: 11.583 min
Delta R.T.: 0.002 min
Response: 3411703
Conc: 20.54 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



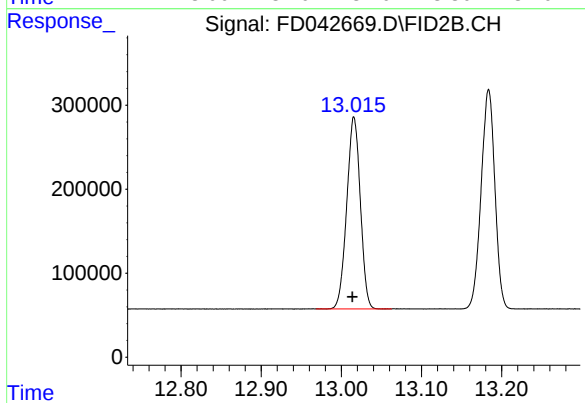
#10 n-Eicosane (C20)

R.T.: 12.573 min
Delta R.T.: 0.002 min
Response: 3096136
Conc: 20.59 ug/ml



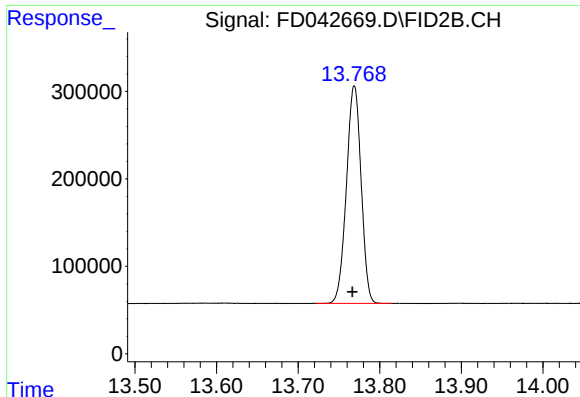
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.002 min
Response: 3115412
Conc: 20.58 ug/ml



#12 1-chlorooctadecane (SURR)

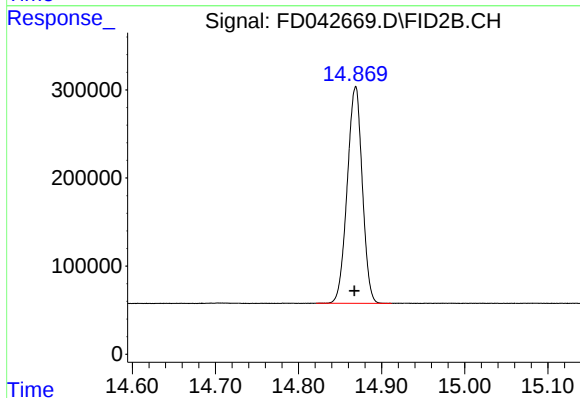
R.T.: 13.016 min
Delta R.T.: 0.002 min
Response: 2686230
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

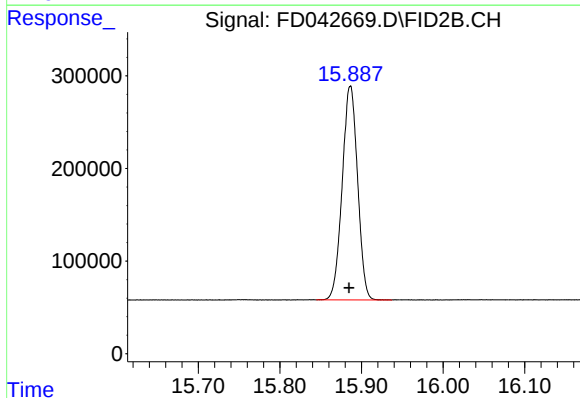
R.T.: 13.769 min
Delta R.T.: 0.003 min
Response: 3115753
Conc: 20.61 ug/ml

Instrument :
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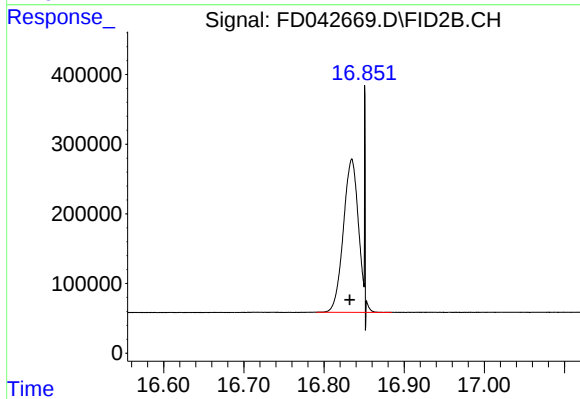
#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: 0.002 min
Response: 3096006
Conc: 20.63 ug/ml



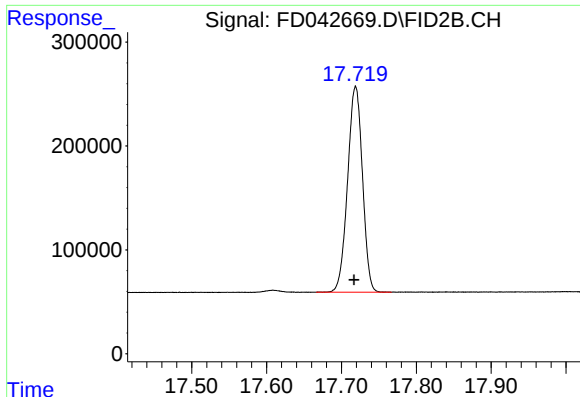
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: 0.002 min
Response: 3023285
Conc: 20.74 ug/ml



#16 n-Octacosane (C28)

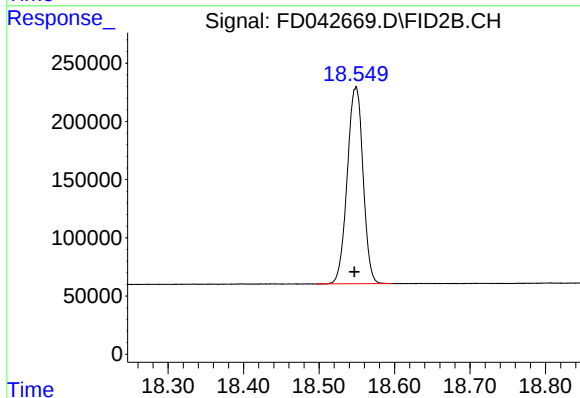
R.T.: 16.835 min
Delta R.T.: 0.003 min
Response: 3019688
Conc: 21.65 ug/ml



#17 n-Tricontane (C30)

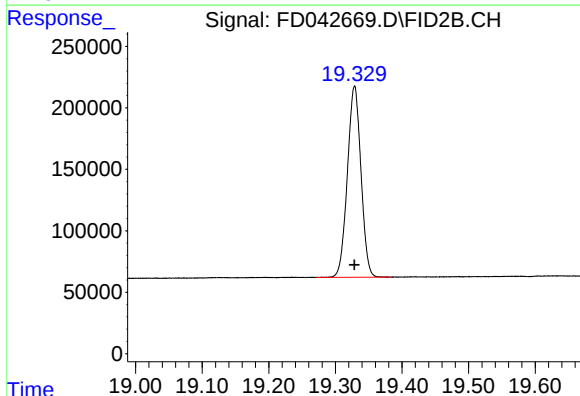
R.T.: 17.719 min
Delta R.T.: 0.002 min
Response: 2732253
Conc: 20.90 ug/ml

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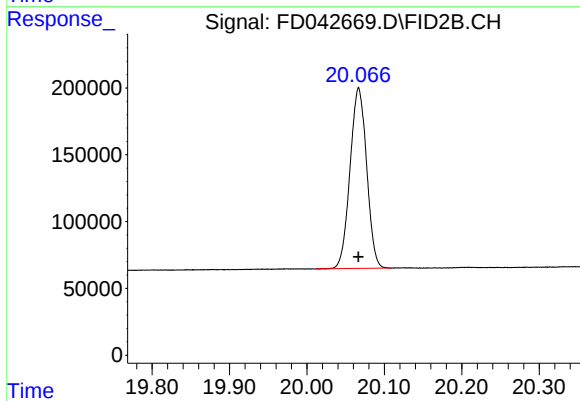
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: 0.002 min
Response: 2457587
Conc: 20.81 ug/ml



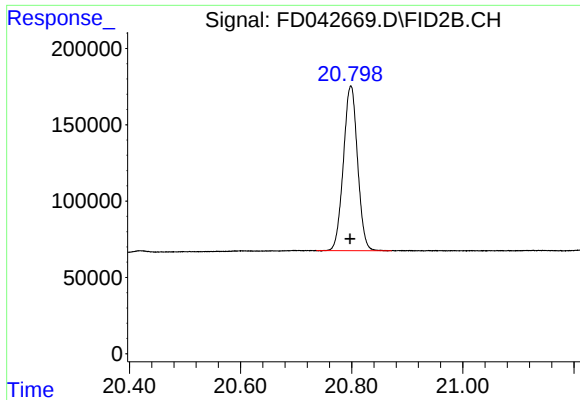
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.000 min
Response: 2203509
Conc: 20.73 ug/ml



#20 n-Hexatriacontane (C36)

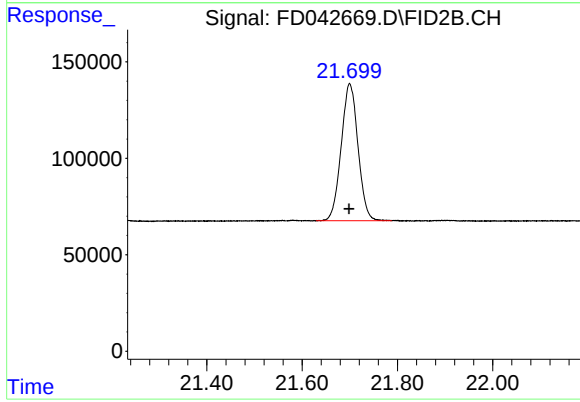
R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 2016085
Conc: 20.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.002 min
Response: 1911444
Conc: 20.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: 0.001 min
Response: 1736402
Conc: 21.43 ug/ml