

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG100623AL\  
 Data File : FG013029.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Oct 2023 01:52  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 07 07:41:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 100623.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 07 07:41:30 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
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System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.002	12422260	94.472 ug/ml
Spiked Amount	50.000	Recovery	= 188.94%
12) S 1-chlorooctadecane (S...	13.439	9330233	94.556 ug/ml
Spiked Amount	50.000	Recovery	= 189.11%
Target Compounds			
1) T n-Nonane (C9)	3.351	11000360	93.964 ug/ml
2) T n-Decane (C10)	4.606	11221927	93.935 ug/ml
3) T A~Naphthalene (C11.7)	6.319	12034462	94.548 ug/ml
4) T n-Dodecane (C12)	6.780	11242782	94.186 ug/ml
5) T A~2-methylnaphthalene...	7.421	11604635	94.692 ug/ml
6) T n-Tetradecane (C14)	8.615	11036761	94.336 ug/ml
7) T n-Hexadecane (C16)	10.229	11281111	94.363 ug/ml
8) T n-Octadecane (C18)	11.680	11260437	94.304 ug/ml
10) T n-Eicosane (C20)	12.993	10712973	94.276 ug/ml
11) T n-Heneicosane (C21)	13.607	10486411	94.328 ug/ml
13) T n-Docosane (C22)	14.194	10380732	94.216 ug/ml
14) T n-Tetracosane (C24)	15.301	10242614	94.068 ug/ml
15) T n-Hexacosane (C26)	16.325	10015137	93.937 ug/ml
16) T n-Octacosane (C28)	17.277	9785498	93.623 ug/ml
17) T n-Tricontane (C30)	18.167	9898279	92.256 ug/ml
18) T n-Dotriacontane (C32)	19.001	9758668	91.284 ug/ml
19) T n-Tetratriacontane (C34)	19.785	9746072	92.210 ug/ml
20) T n-Hexatriacontane (C36)	20.526	9807705	90.222 ug/ml
21) T n-Octatriacontane (C38)	21.286	10286354	93.386 ug/ml
22) T n-Tetracontane (C40)	22.246	10544634	92.965 ug/ml

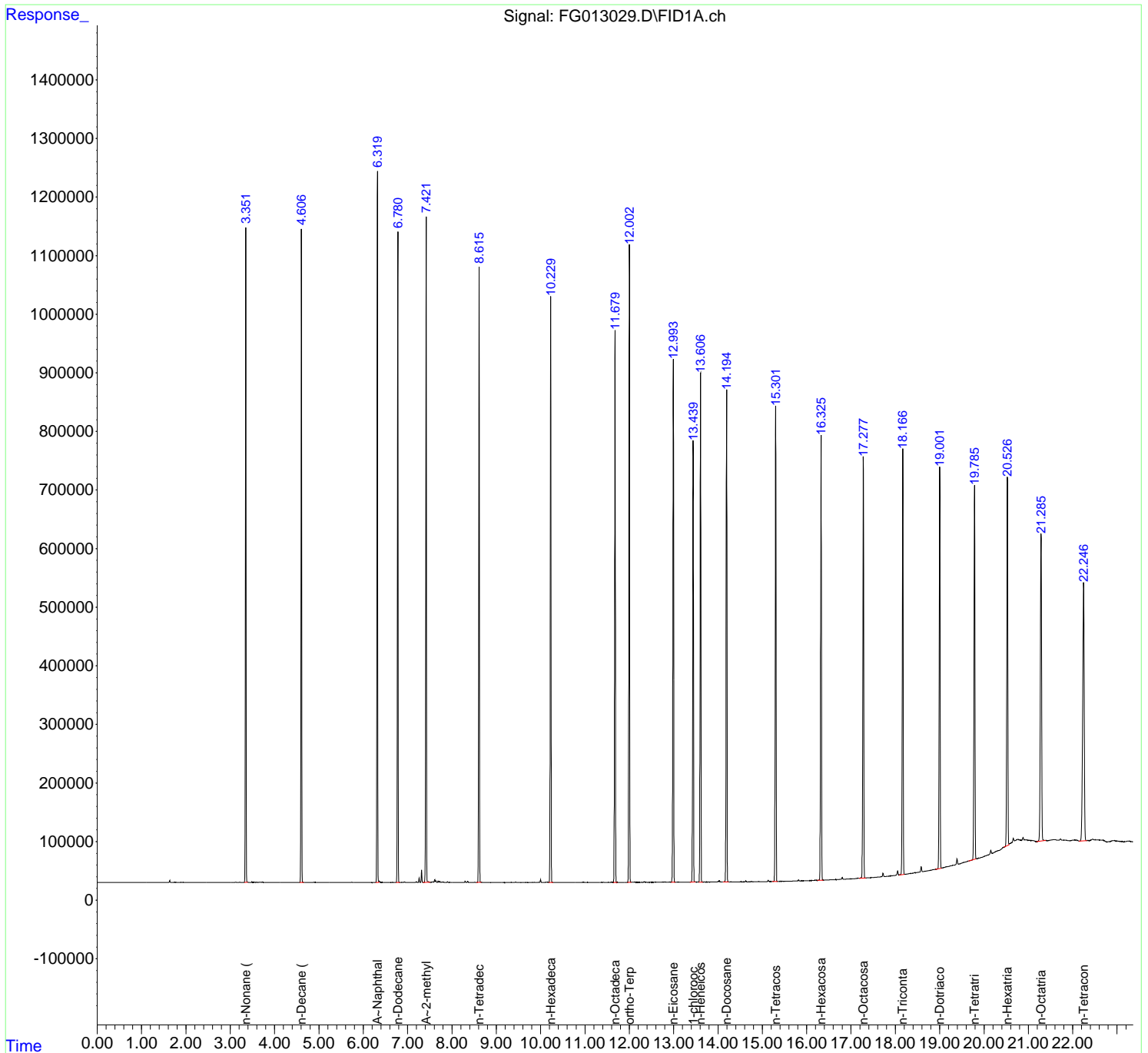
(f)=RT Delta > 1/2 Window

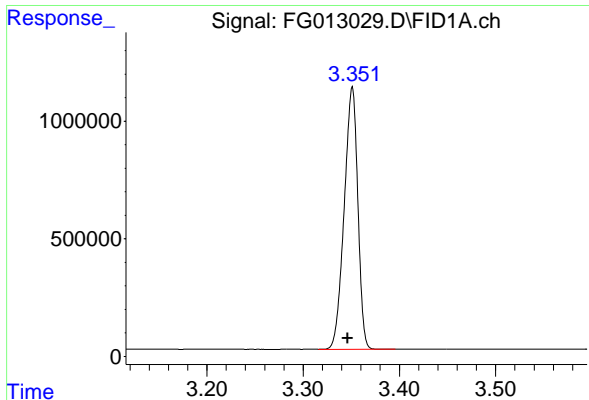
(m)=manual int.

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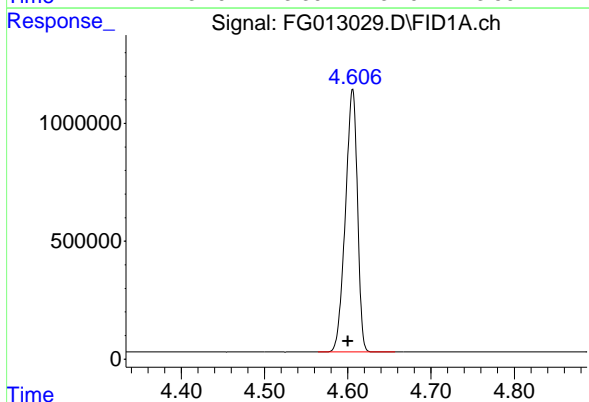
Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um





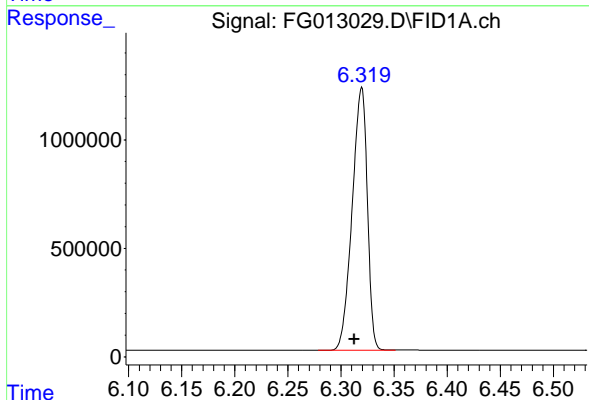
#1 n-Nonane (C9)

R.T.: 3.351 min  
Delta R.T.: 0.005 min  
Response: 11000360  
Conc: 93.96 ug/ml



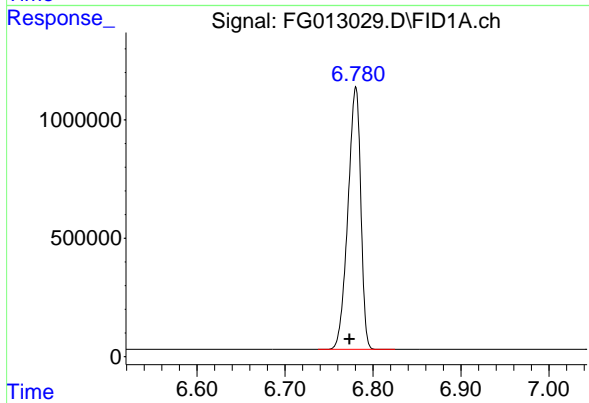
#2 n-Decane (C10)

R.T.: 4.606 min  
Delta R.T.: 0.006 min  
Response: 11221927  
Conc: 93.93 ug/ml



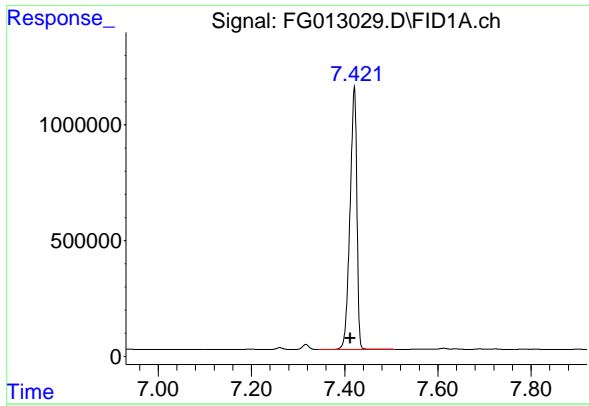
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min  
Delta R.T.: 0.007 min  
Response: 12034462  
Conc: 94.55 ug/ml



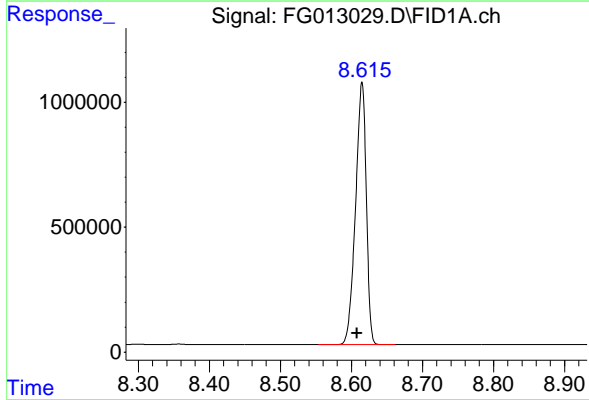
#4 n-Dodecane (C12)

R.T.: 6.780 min  
Delta R.T.: 0.007 min  
Response: 11242782  
Conc: 94.19 ug/ml



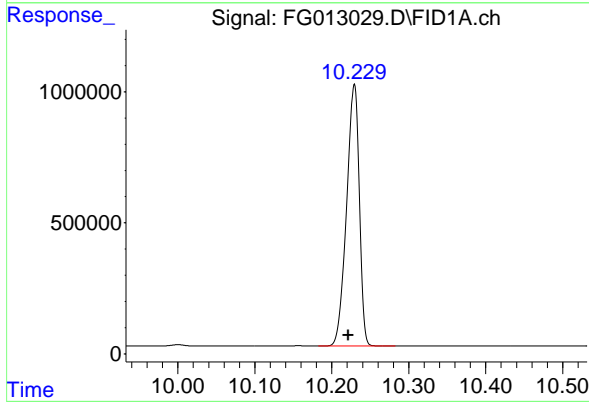
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.421 min  
Delta R.T.: 0.008 min  
Response: 11604635  
Conc: 94.69 ug/ml



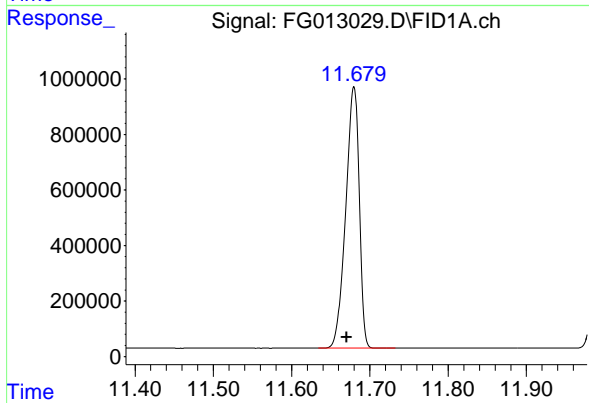
#6 n-Tetradecane (C14)

R.T.: 8.615 min  
Delta R.T.: 0.007 min  
Response: 11036761  
Conc: 94.34 ug/ml



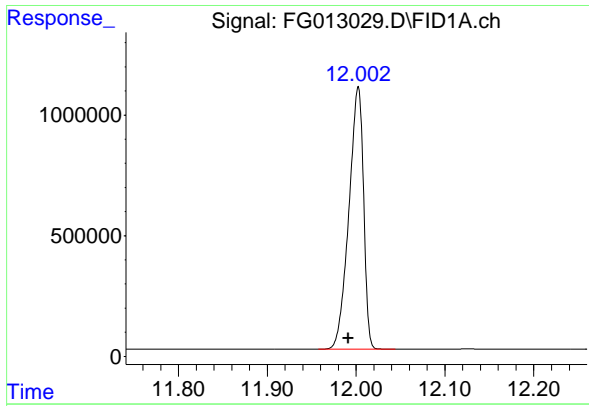
#7 n-Hexadecane (C16)

R.T.: 10.229 min  
Delta R.T.: 0.007 min  
Response: 11281111  
Conc: 94.36 ug/ml



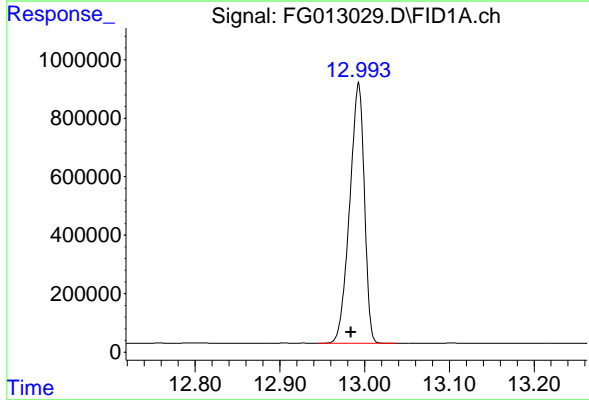
#8 n-Octadecane (C18)

R.T.: 11.680 min  
Delta R.T.: 0.010 min  
Response: 11260437  
Conc: 94.30 ug/ml



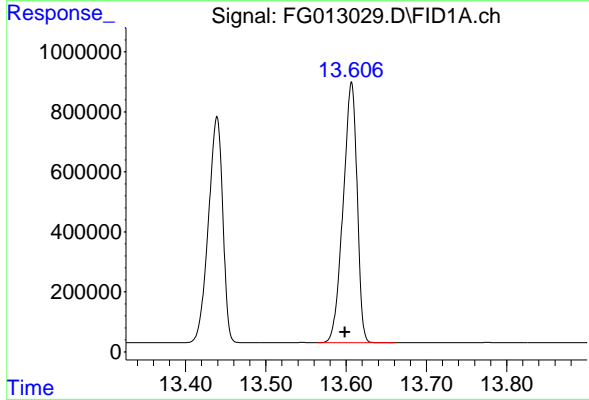
#9 ortho-Terphenyl (SURR)

R.T.: 12.002 min  
Delta R.T.: 0.011 min  
Response: 12422260  
Conc: 94.47 ug/ml



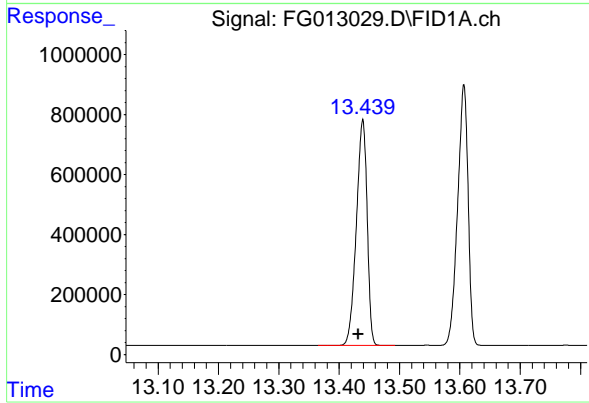
#10 n-Eicosane (C20)

R.T.: 12.993 min  
Delta R.T.: 0.009 min  
Response: 10712973  
Conc: 94.28 ug/ml



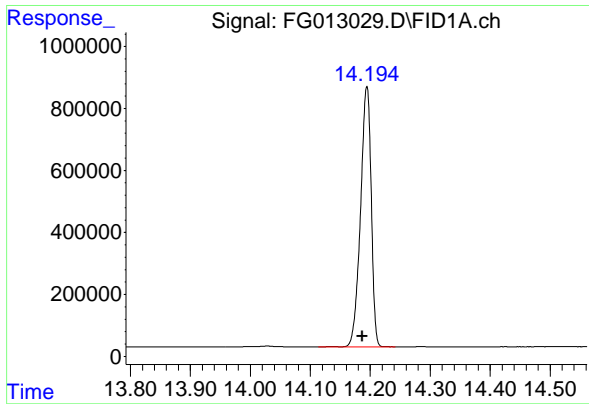
#11 n-Heneicosane (C21)

R.T.: 13.607 min  
Delta R.T.: 0.008 min  
Response: 10486411  
Conc: 94.33 ug/ml



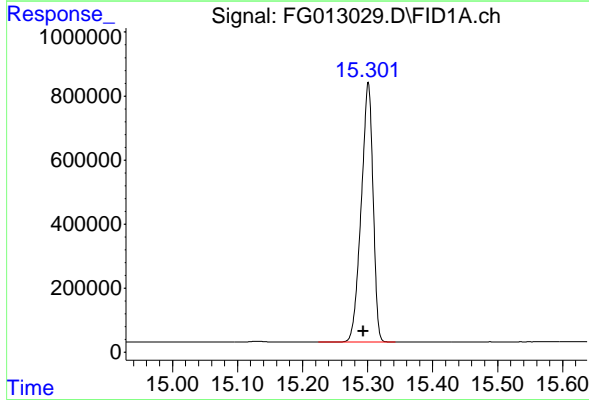
#12 1-chlorooctadecane (SURR)

R.T.: 13.439 min  
Delta R.T.: 0.007 min  
Response: 9330233  
Conc: 94.56 ug/ml



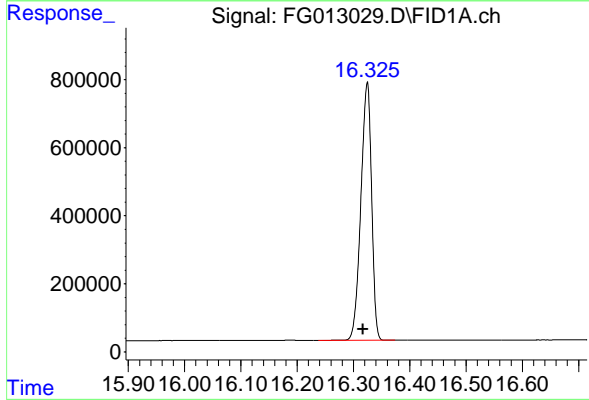
#13 n-Docosane (C22)

R.T.: 14.194 min  
Delta R.T.: 0.008 min  
Response: 10380732  
Conc: 94.22 ug/ml



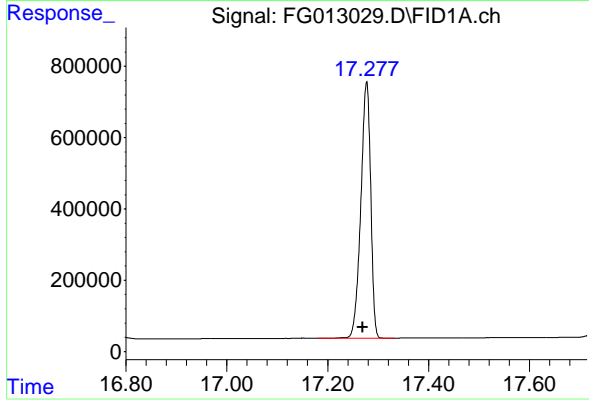
#14 n-Tetracosane (C24)

R.T.: 15.301 min  
Delta R.T.: 0.008 min  
Response: 10242614  
Conc: 94.07 ug/ml



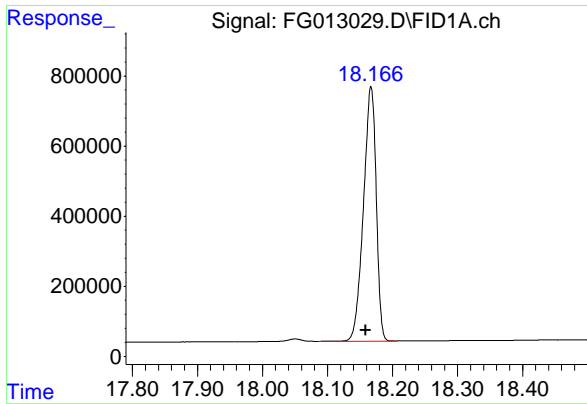
#15 n-Hexacosane (C26)

R.T.: 16.325 min  
Delta R.T.: 0.008 min  
Response: 10015137  
Conc: 93.94 ug/ml



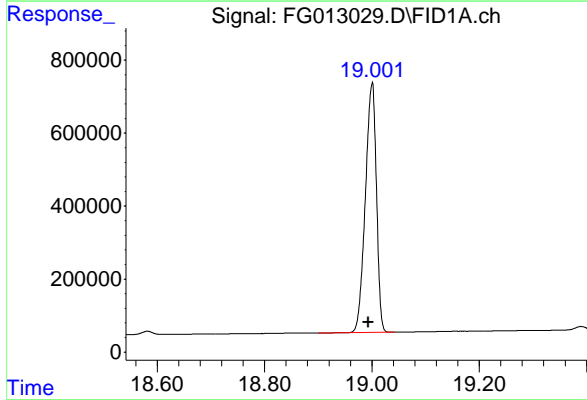
#16 n-Octacosane (C28)

R.T.: 17.277 min  
Delta R.T.: 0.008 min  
Response: 9785498  
Conc: 93.62 ug/ml



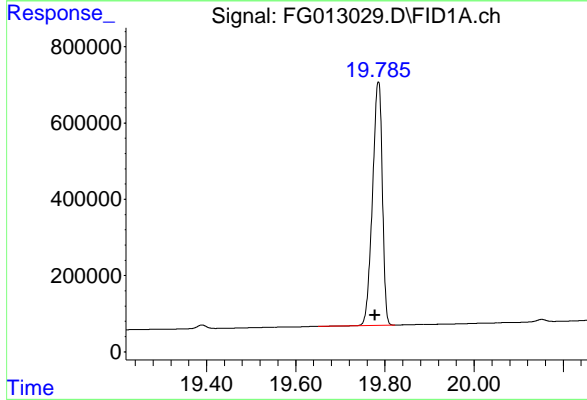
#17 n-Tricontane (C30)

R.T.: 18.167 min  
Delta R.T.: 0.008 min  
Response: 9898279  
Conc: 92.26 ug/ml



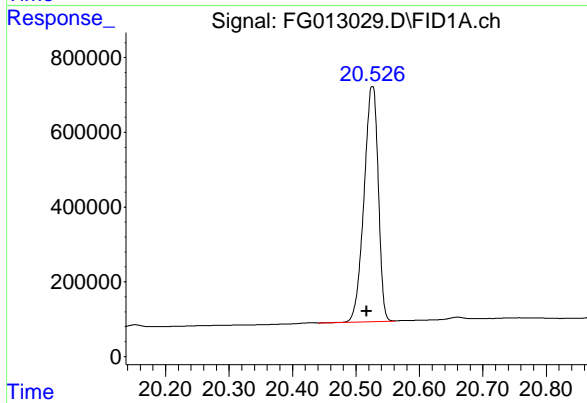
#18 n-Dotriacontane (C32)

R.T.: 19.001 min  
Delta R.T.: 0.007 min  
Response: 9758668  
Conc: 91.28 ug/ml



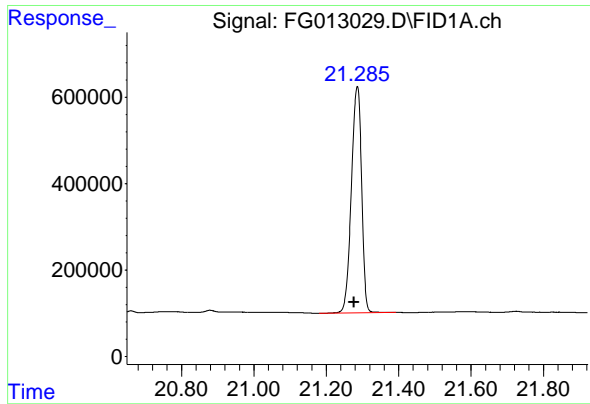
#19 n-Tetracontane (C34)

R.T.: 19.785 min  
Delta R.T.: 0.008 min  
Response: 9746072  
Conc: 92.21 ug/ml



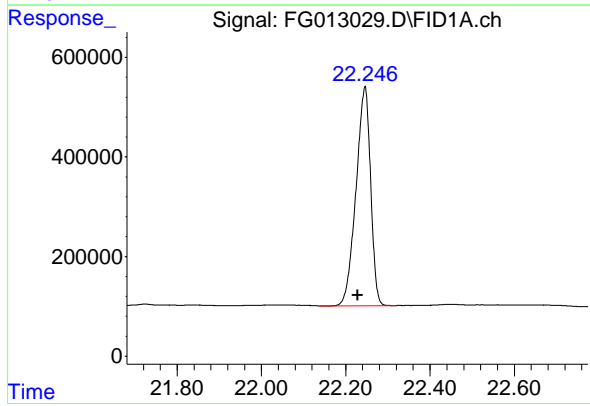
#20 n-Hexatriacontane (C36)

R.T.: 20.526 min  
Delta R.T.: 0.009 min  
Response: 9807705  
Conc: 90.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.286 min  
Delta R.T.: 0.009 min  
Response: 10286354  
Conc: 93.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.246 min  
Delta R.T.: 0.017 min  
Response: 10544634  
Conc: 92.96 ug/ml