

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071521AL\
 Data File : FC054711.D
 Signal(s) : FID1A.CH
 Acq On : 15 Jul 2021 9:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 03:41:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 2021
 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)	11.320	3259552	23.024 ug/ml
Spiked Amount 50.000		Recovery =	46.05%
12) S 1-chlorooctadecane (S...	12.763	2553805	22.909 ug/ml
Spiked Amount 50.000		Recovery =	45.82%
Target Compounds			
1) T n-Nonane (C9)	3.134	2809173	23.889 ug/ml
2) T n-Decane (C10)	4.189	2892598	24.360 ug/ml
3) T A~Naphthalene (C11.7)	5.755	3120580	23.736 ug/ml
4) T n-Dodecane (C12)	6.196	2945084	24.572 ug/ml
5) T A~2-methylnaphthalene...	6.808	3165555	23.978 ug/ml
6) T n-Tetradecane (C14)	7.983	3008074	24.689 ug/ml
7) T n-Hexadecane (C16)	9.579	3024937	24.285 ug/ml
8) T n-Octadecane (C18)	11.017	3076466	23.819 ug/ml
10) T n-Eicosane (C20)	12.323	3025597	23.252 ug/ml
11) T n-Heneicosane (C21)	12.932	3046584	22.946 ug/ml
13) T n-Docosane (C22)	13.517	3019675	22.793 ug/ml
14) T n-Tetracosane (C24)	14.618	2978769	22.005 ug/ml
15) T n-Hexacosane (C26)	15.637	2866320	21.153 ug/ml
16) T n-Octacosane (C28)	16.584	2827687	20.602 ug/ml
17) T n-Tricontane (C30)	17.471	2761763	19.940 ug/ml
18) T n-Dotriacontane (C32)	18.303	2677891	19.574 ug/ml
19) T n-Tetratriacontane (C34)	19.084	2638191	19.525 ug/ml
20) T n-Hexatriacontane (C36)	19.824	2559415	20.734 ug/mlm
21) T n-Octatriacontane (C38)	20.527	2494954	22.056 ug/mlm
22) T n-Tetracontane (C40)	21.343	2548155	22.545 ug/ml

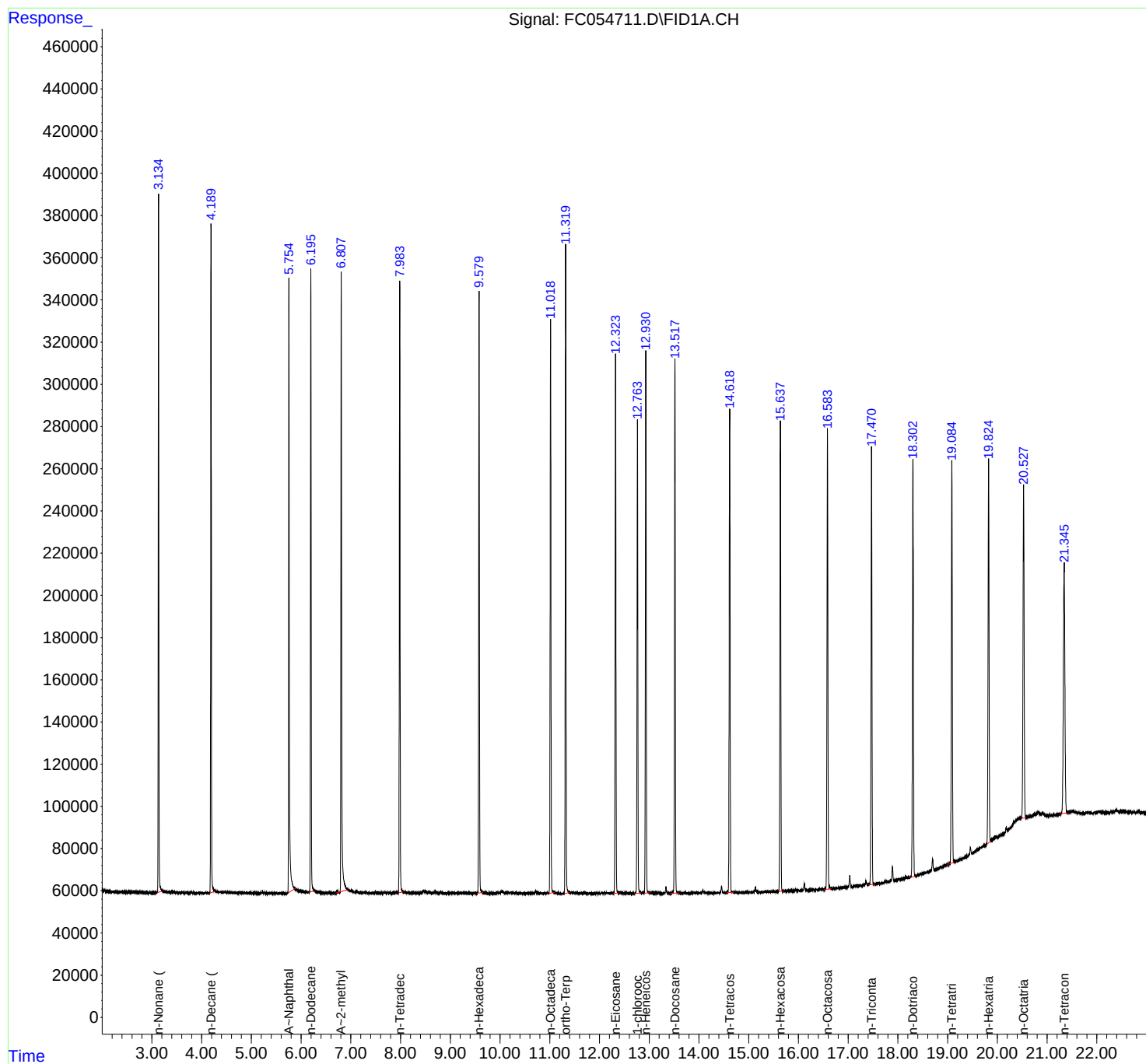
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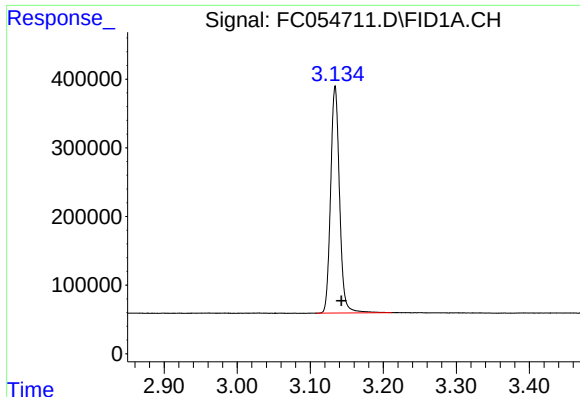
(m)=manual int.

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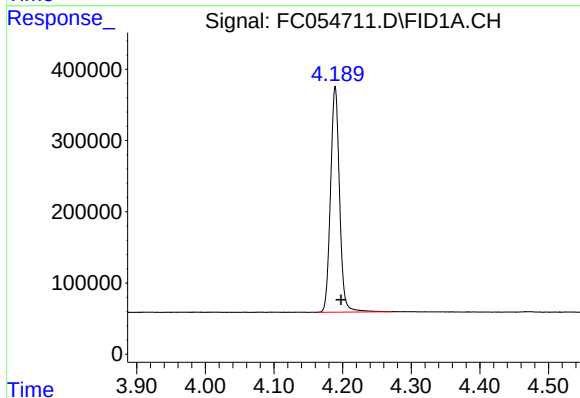
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Signal Info : 20M x 0.18mm x 0.18um





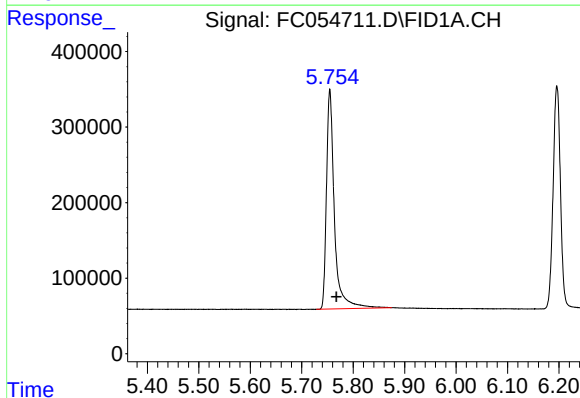
#1 n-Nonane (C9)

R.T.: 3.134 min
Delta R.T.: -0.009 min
Response: 2809173
Conc: 23.89 ug/ml



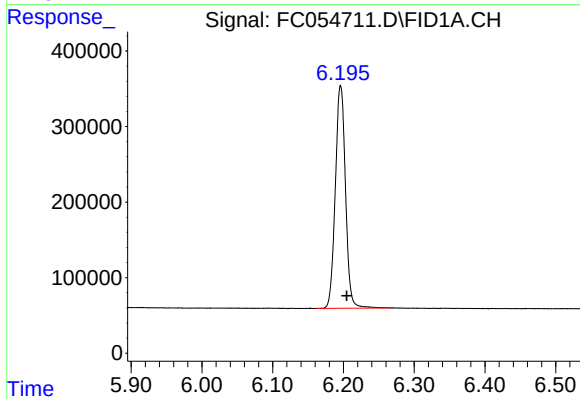
#2 n-Decane (C10)

R.T.: 4.189 min
Delta R.T.: -0.009 min
Response: 2892598
Conc: 24.36 ug/ml



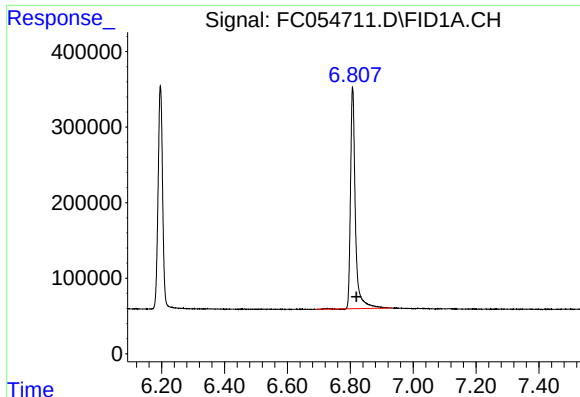
#3 A~Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: -0.012 min
Response: 3120580
Conc: 23.74 ug/ml



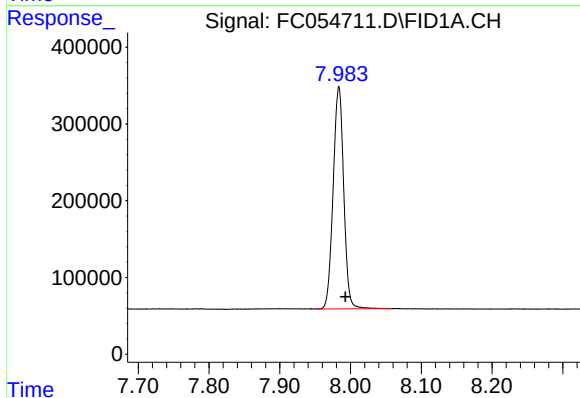
#4 n-Dodecane (C12)

R.T.: 6.196 min
Delta R.T.: -0.008 min
Response: 2945084
Conc: 24.57 ug/ml



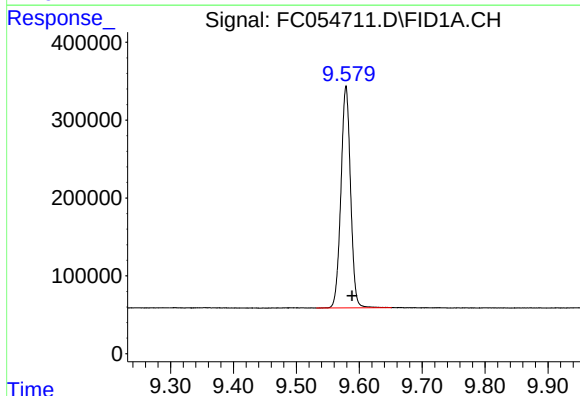
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: -0.012 min
Response: 3165555
Conc: 23.98 ug/ml



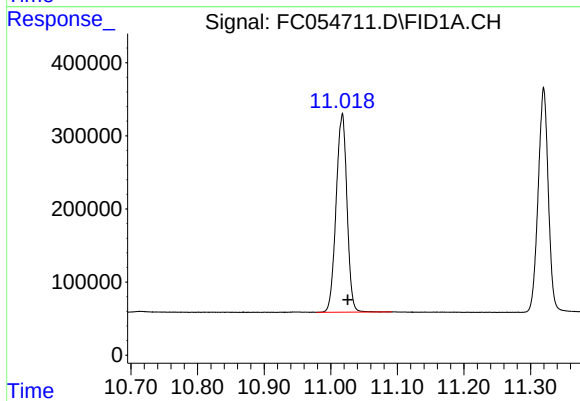
#6 n-Tetradecane (C14)

R.T.: 7.983 min
Delta R.T.: -0.010 min
Response: 3008074
Conc: 24.69 ug/ml



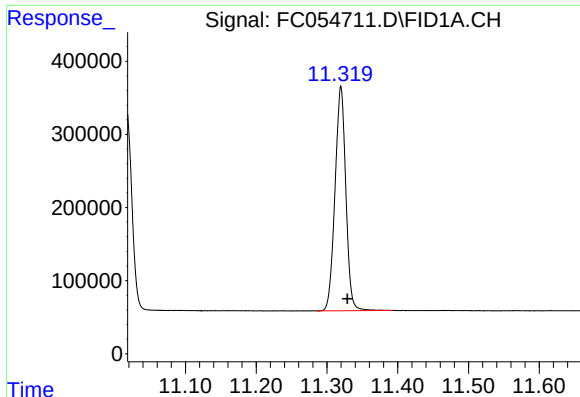
#7 n-Hexadecane (C16)

R.T.: 9.579 min
Delta R.T.: -0.009 min
Response: 3024937
Conc: 24.28 ug/ml



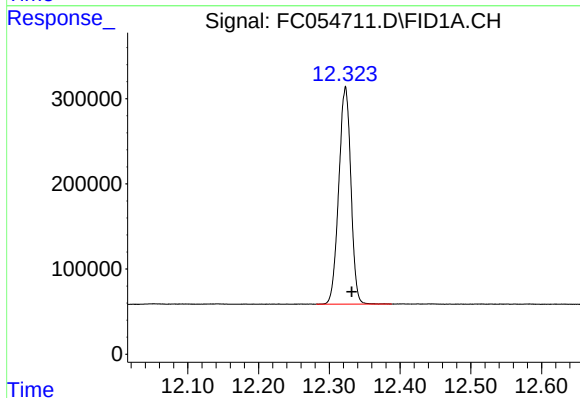
#8 n-Octadecane (C18)

R.T.: 11.017 min
Delta R.T.: -0.009 min
Response: 3076466
Conc: 23.82 ug/ml



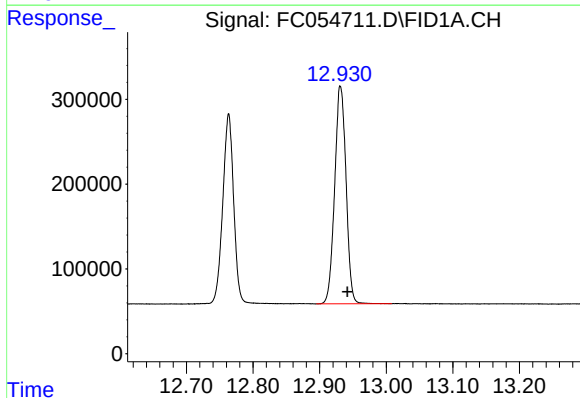
#9 ortho-Terphenyl (SURR)

R.T.: 11.320 min
Delta R.T.: -0.009 min
Response: 3259552
Conc: 23.02 ug/ml



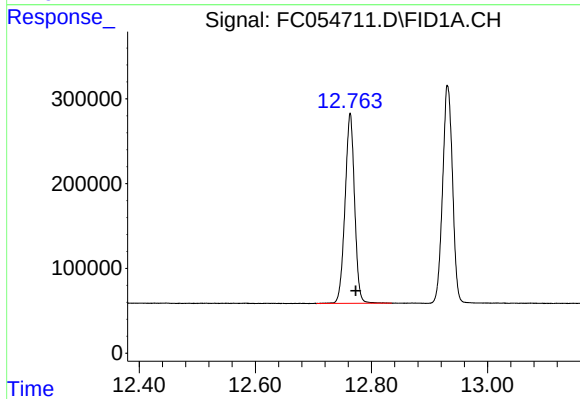
#10 n-Eicosane (C20)

R.T.: 12.323 min
Delta R.T.: -0.009 min
Response: 3025597
Conc: 23.25 ug/ml



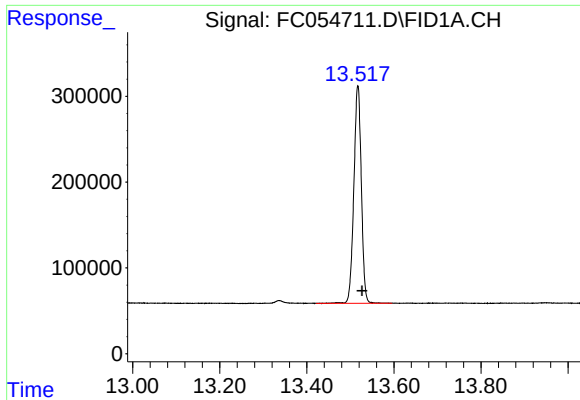
#11 n-Heneicosane (C21)

R.T.: 12.932 min
Delta R.T.: -0.010 min
Response: 3046584
Conc: 22.95 ug/ml



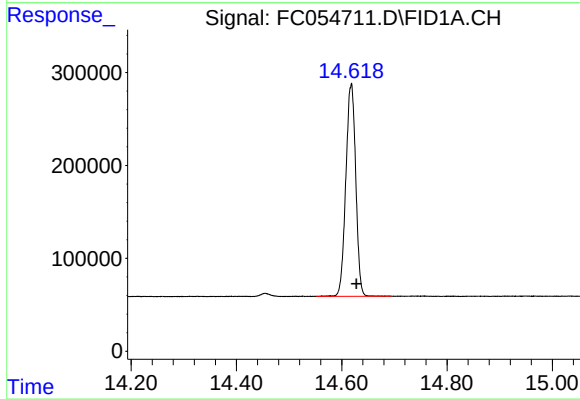
#12 1-chlorooctadecane (SURR)

R.T.: 12.763 min
Delta R.T.: -0.009 min
Response: 2553805
Conc: 22.91 ug/ml



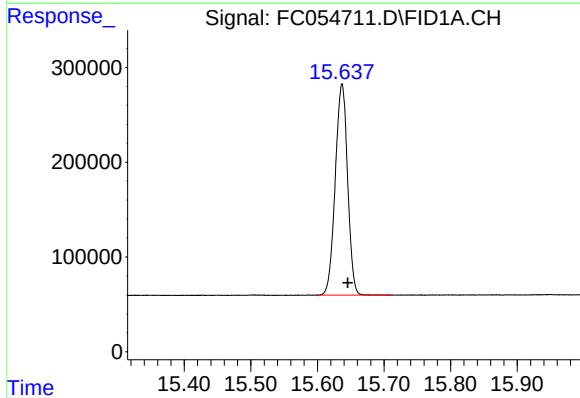
#13 n-Docosane (C22)

R.T.: 13.517 min
Delta R.T.: -0.010 min
Response: 3019675
Conc: 22.79 ug/ml



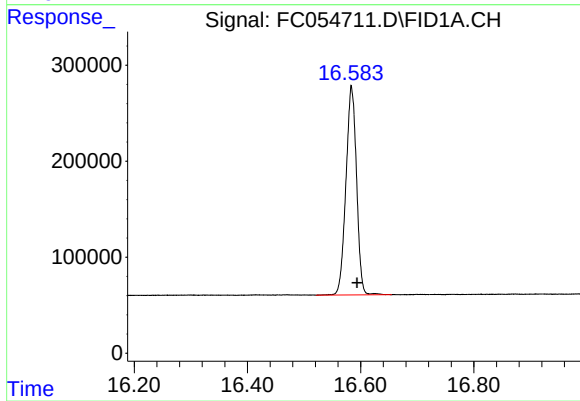
#14 n-Tetracosane (C24)

R.T.: 14.618 min
Delta R.T.: -0.010 min
Response: 2978769
Conc: 22.00 ug/ml



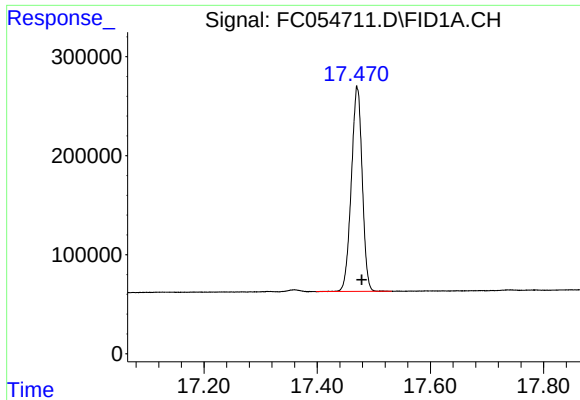
#15 n-Hexacosane (C26)

R.T.: 15.637 min
Delta R.T.: -0.008 min
Response: 2866320
Conc: 21.15 ug/ml



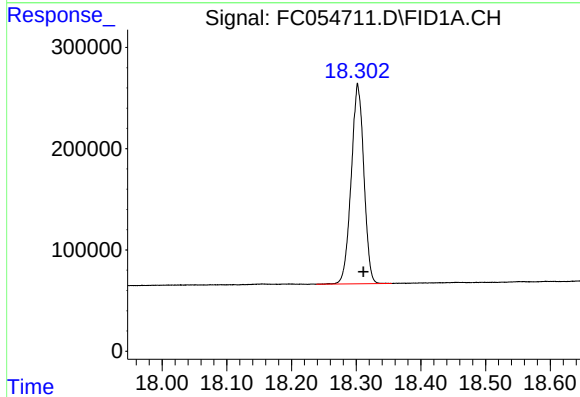
#16 n-Octacosane (C28)

R.T.: 16.584 min
Delta R.T.: -0.009 min
Response: 2827687
Conc: 20.60 ug/ml



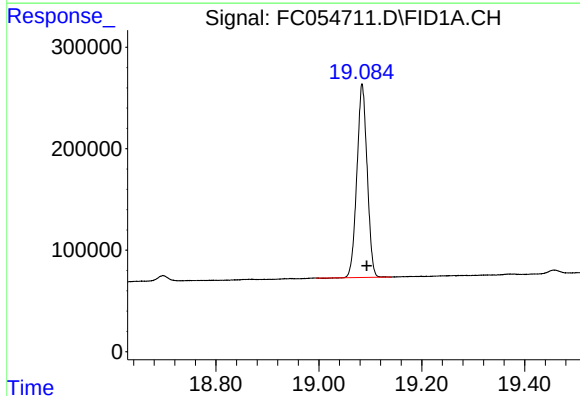
#17 n-Tricontane (C30)

R.T.: 17.471 min
Delta R.T.: -0.008 min
Response: 2761763
Conc: 19.94 ug/ml



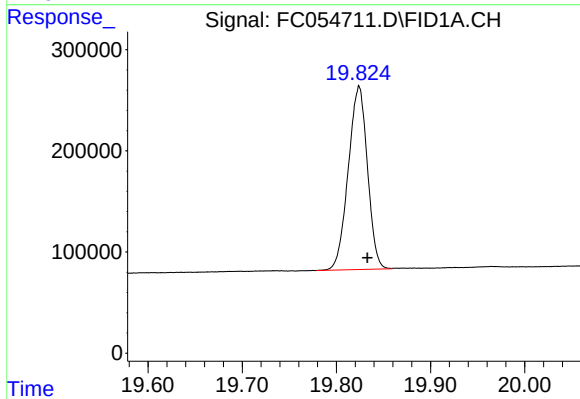
#18 n-Dotriacontane (C32)

R.T.: 18.303 min
Delta R.T.: -0.009 min
Response: 2677891
Conc: 19.57 ug/ml



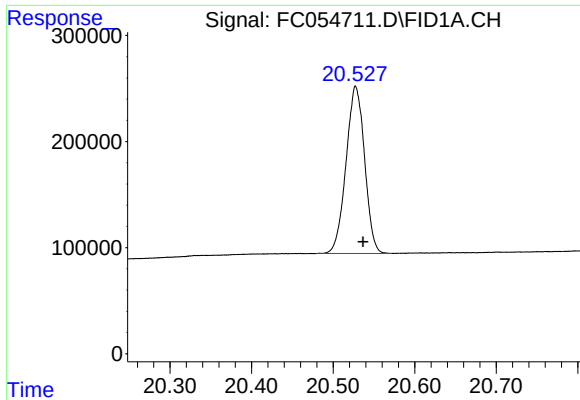
#19 n-Tetratriacontane (C34)

R.T.: 19.084 min
Delta R.T.: -0.009 min
Response: 2638191
Conc: 19.53 ug/ml



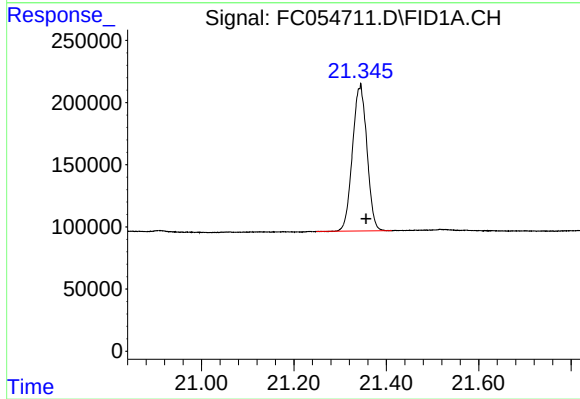
#20 n-Hexatriacontane (C36)

R.T.: 19.824 min
Delta R.T.: -0.009 min
Response: 2559415
Conc: 20.73 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.527 min
Delta R.T.: -0.010 min
Response: 2494954
Conc: 22.06 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.343 min
Delta R.T.: -0.013 min
Response: 2548155
Conc: 22.54 ug/ml