

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020822AL\
 Data File : FC058264.D
 Signal(s) : FID1A.CH
 Acq On : 08 Feb 2022 17:42
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 08 23:41:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 23:40:29 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)	11.401	70206777	50.614 ug/mlm
Spiked Amount 50.000		Recovery =	101.23%
12) S 1-chlorooctadecane (S...	12.827	51252104	51.328 ug/ml
Spiked Amount 50.000		Recovery =	102.66%
Target Compounds			
1) T n-Nonane (C9)	3.361	59511338	49.493 ug/ml
2) T n-Decane (C10)	4.330	60593224	49.866 ug/ml
3) T A~Naphthalene (C11.7)	5.845	68326322	50.342 ug/ml
4) T n-Dodecane (C12)	6.282	63589521	49.991 ug/ml
5) T A~2-methylnaphthalene...	6.889	67629028	50.748 ug/ml
6) T n-Tetradecane (C14)	8.060	64027145	50.138 ug/ml
7) T n-Hexadecane (C16)	9.652	63431355	50.359 ug/ml
8) T n-Octadecane (C18)	11.091	63769687	50.367 ug/ml
10) T n-Eicosane (C20)	12.389	62033164	50.551 ug/ml
11) T n-Heneicosane (C21)	13.000	62250019	50.608 ug/ml
13) T n-Docosane (C22)	13.583	61339531	50.976 ug/ml
14) T n-Tetracosane (C24)	14.680	60423402	51.552 ug/ml
15) T n-Hexacosane (C26)	15.696	57888667	51.763 ug/ml
16) T n-Octacosane (C28)	16.642	55873265	51.595 ug/ml
17) T n-Tricontane (C30)	17.525	52422410	50.896 ug/ml
18) T n-Dotriacontane (C32)	18.353	45819644	49.530 ug/ml
19) T n-Tetratriacontane (C34)	19.130	37879021	49.934 ug/ml
20) T n-Hexatriacontane (C36)	19.864	28924420	49.591 ug/mlm
21) T n-Octatriacontane (C38)	20.568	20766338	49.044 ug/mlm
22) T n-Tetracontane (C40)	21.387	14433149	50.966 ug/ml

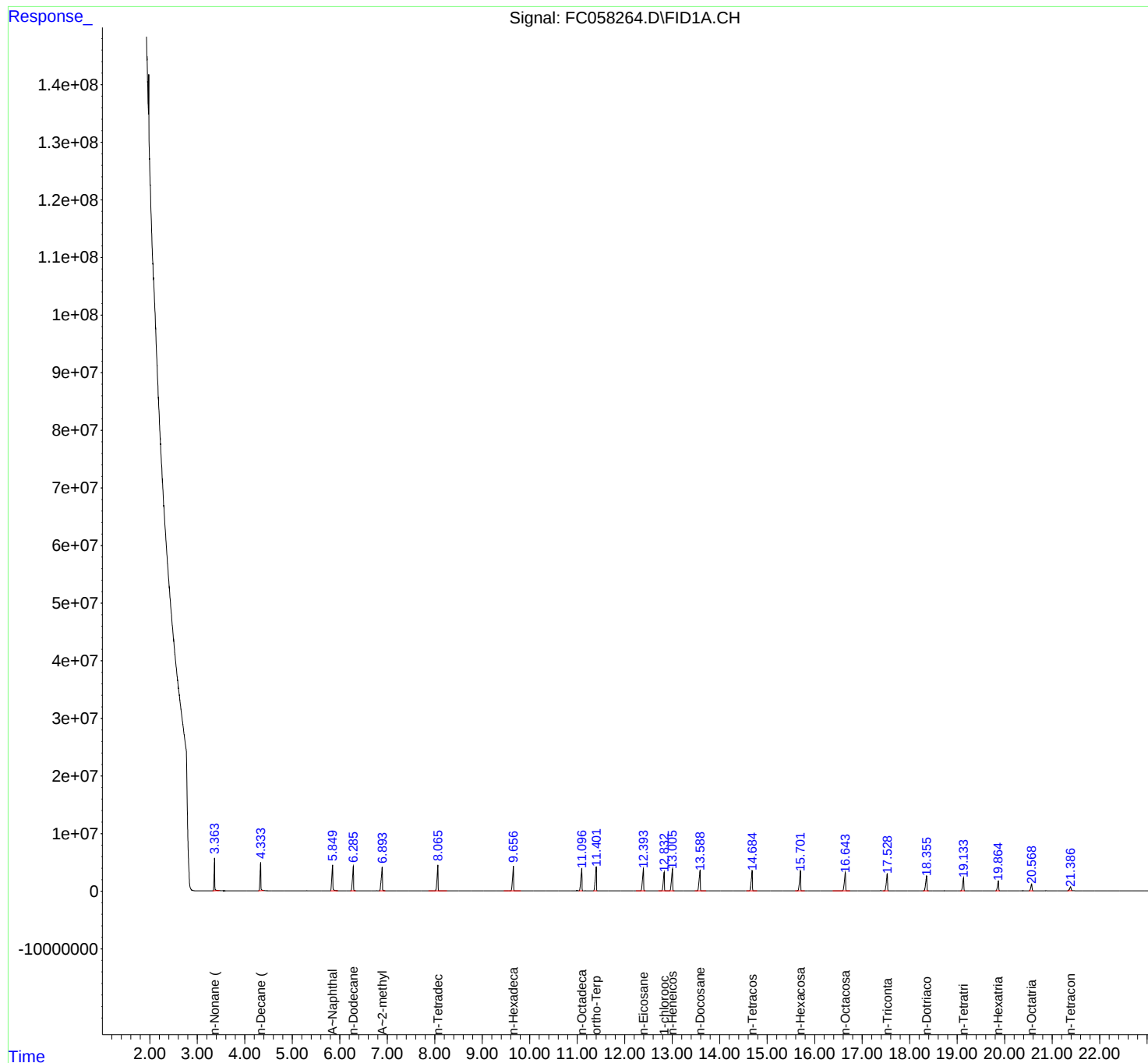
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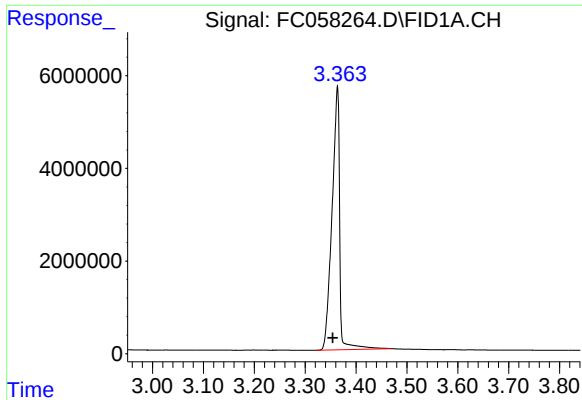
(m)=manual int.

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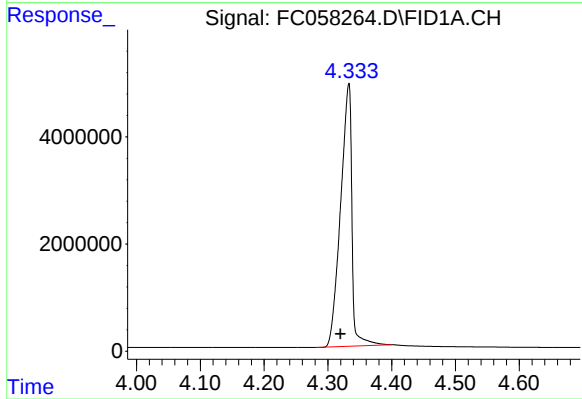
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





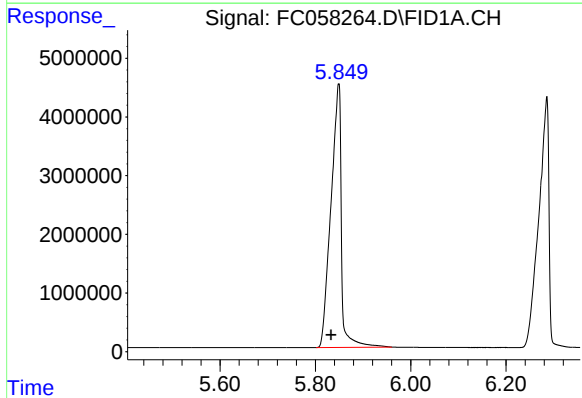
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: 0.007 min
Response: 59511338
Conc: 49.49 ug/ml



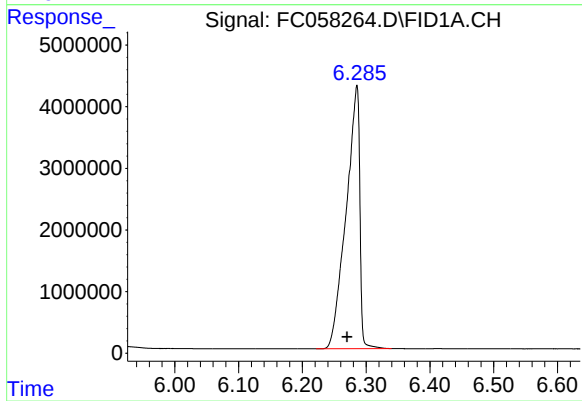
#2 n-Decane (C10)

R.T.: 4.330 min
Delta R.T.: 0.010 min
Response: 60593224
Conc: 49.87 ug/ml



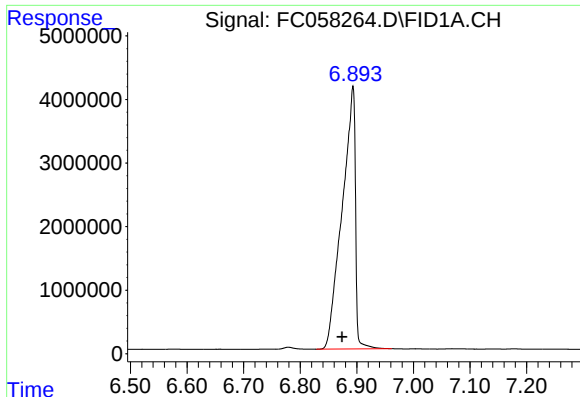
#3 A~Naphthalene (C11.7)

R.T.: 5.845 min
Delta R.T.: 0.012 min
Response: 68326322
Conc: 50.34 ug/ml



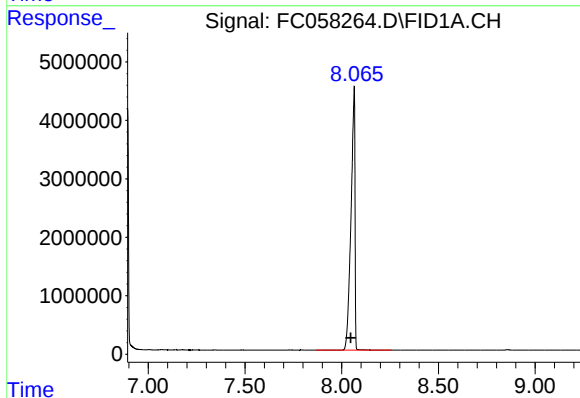
#4 n-Dodecane (C12)

R.T.: 6.282 min
Delta R.T.: 0.011 min
Response: 63589521
Conc: 49.99 ug/ml



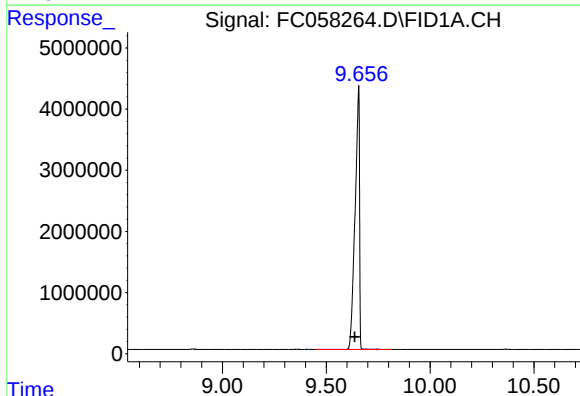
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.889 min
Delta R.T.: 0.014 min
Response: 67629028
Conc: 50.75 ug/ml



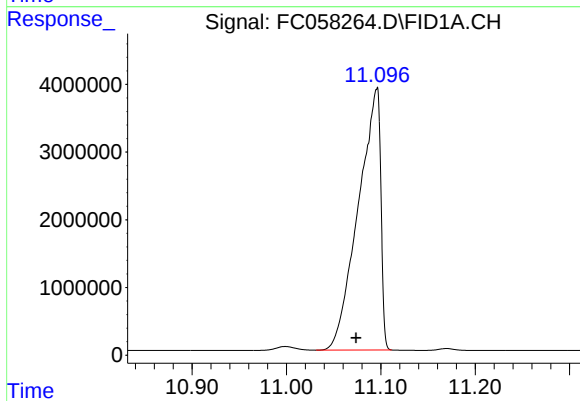
#6 n-Tetradecane (C14)

R.T.: 8.060 min
Delta R.T.: 0.013 min
Response: 64027145
Conc: 50.14 ug/ml



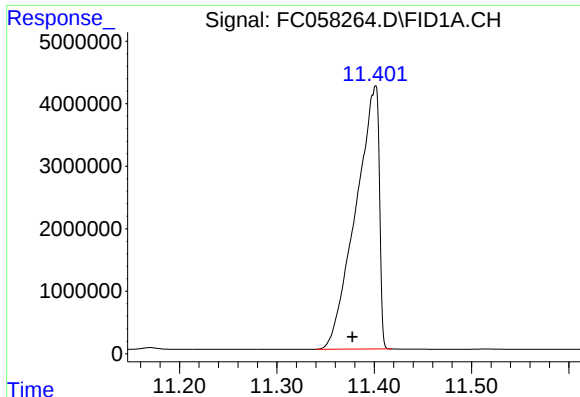
#7 n-Hexadecane (C16)

R.T.: 9.652 min
Delta R.T.: 0.014 min
Response: 63431355
Conc: 50.36 ug/ml



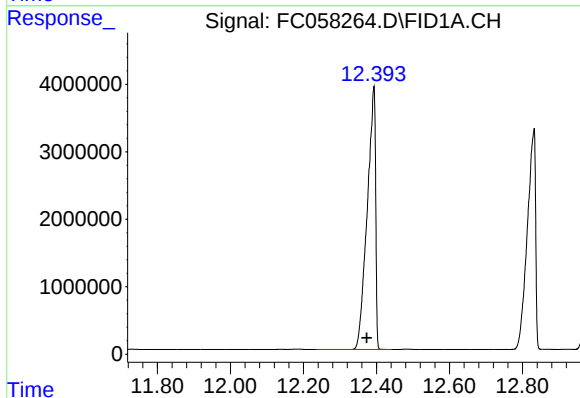
#8 n-Octadecane (C18)

R.T.: 11.091 min
Delta R.T.: 0.017 min
Response: 63769687
Conc: 50.37 ug/ml



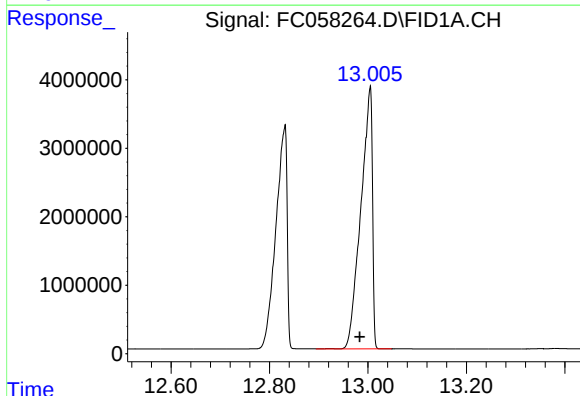
#9 ortho-Terphenyl (SURR)

R.T.: 11.401 min
Delta R.T.: 0.024 min
Response: 70206777
Conc: 50.61 ug/ml m



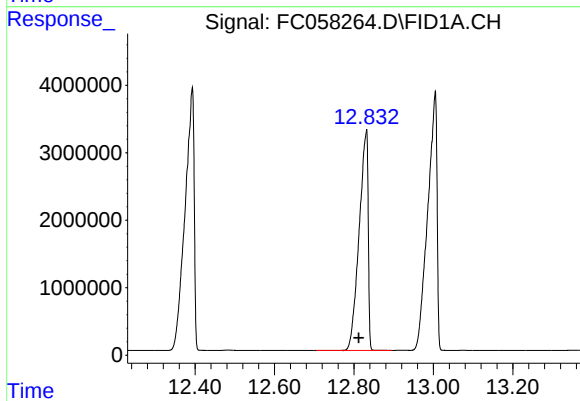
#10 n-Eicosane (C20)

R.T.: 12.389 min
Delta R.T.: 0.015 min
Response: 62033164
Conc: 50.55 ug/ml



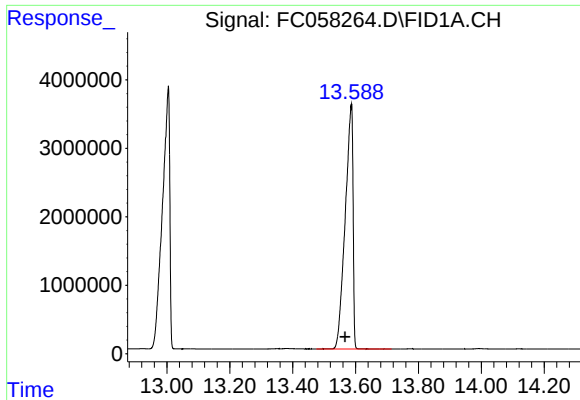
#11 n-Heneicosane (C21)

R.T.: 13.000 min
Delta R.T.: 0.017 min
Response: 62250019
Conc: 50.61 ug/ml



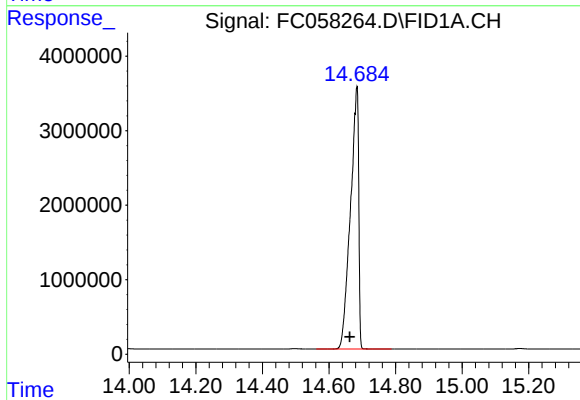
#12 1-chlorooctadecane (SURR)

R.T.: 12.827 min
Delta R.T.: 0.015 min
Response: 51252104
Conc: 51.33 ug/ml



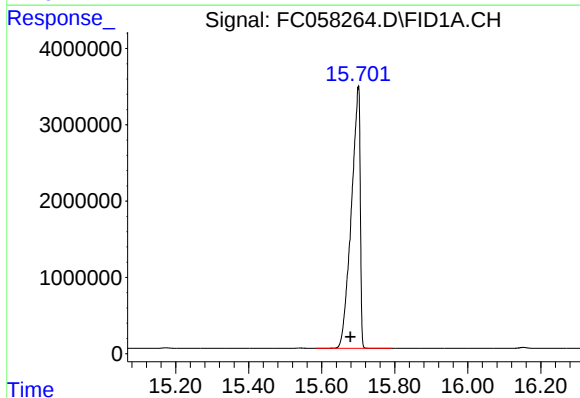
#13 n-Docosane (C22)

R.T.: 13.583 min
Delta R.T.: 0.016 min
Response: 61339531
Conc: 50.98 ug/ml



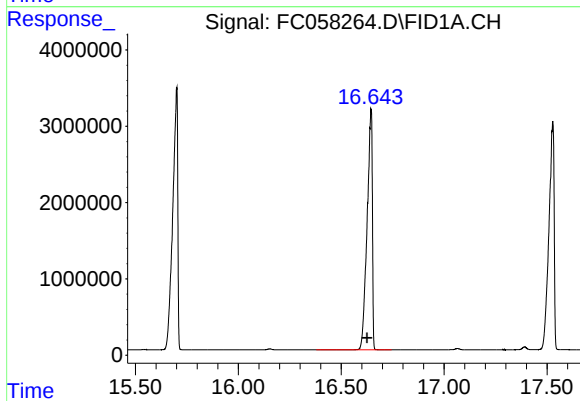
#14 n-Tetracosane (C24)

R.T.: 14.680 min
Delta R.T.: 0.017 min
Response: 60423402
Conc: 51.55 ug/ml



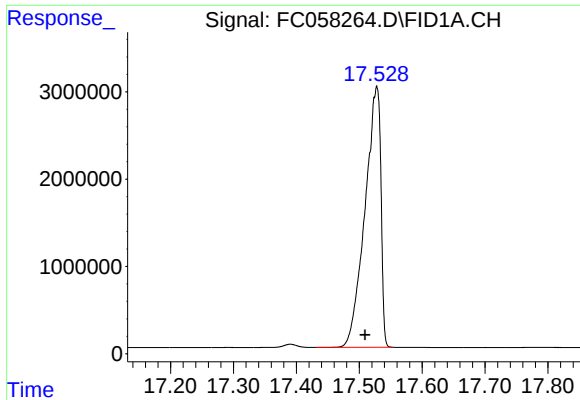
#15 n-Hexacosane (C26)

R.T.: 15.696 min
Delta R.T.: 0.017 min
Response: 57888667
Conc: 51.76 ug/ml



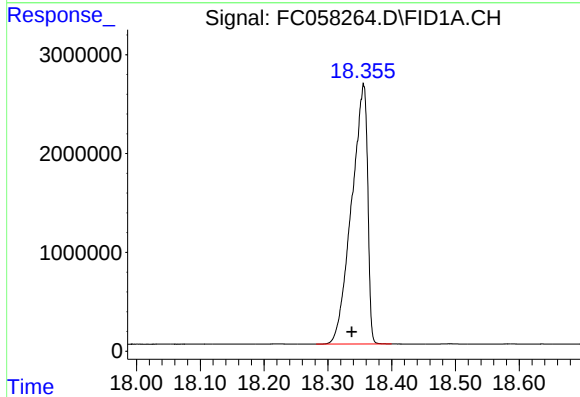
#16 n-Octacosane (C28)

R.T.: 16.642 min
Delta R.T.: 0.017 min
Response: 55873265
Conc: 51.60 ug/ml



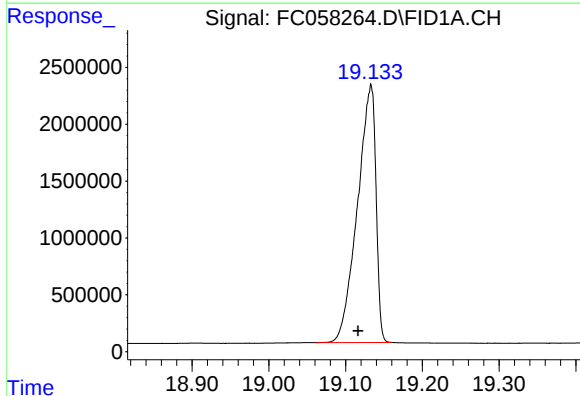
#17 n-Tricontane (C30)

R.T.: 17.525 min
Delta R.T.: 0.016 min
Response: 52422410
Conc: 50.90 ug/ml



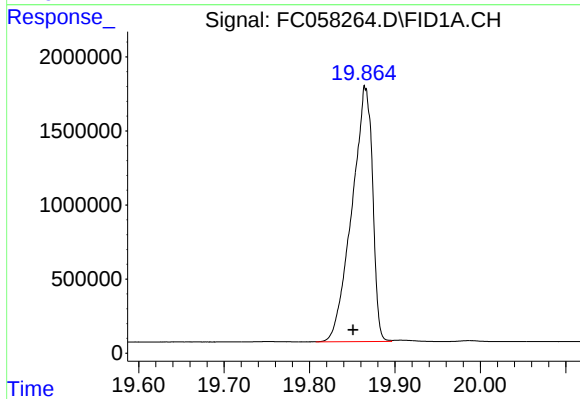
#18 n-Dotriacontane (C32)

R.T.: 18.353 min
Delta R.T.: 0.016 min
Response: 45819644
Conc: 49.53 ug/ml



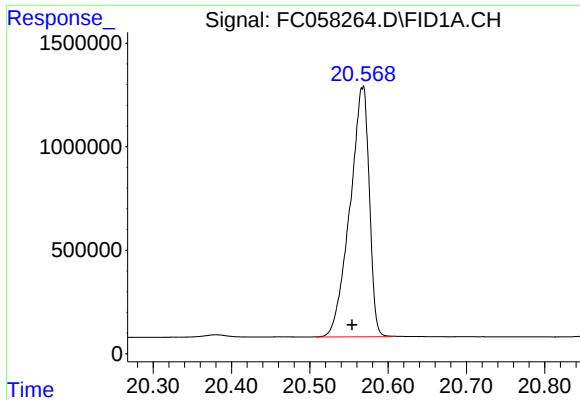
#19 n-Tetratriacontane (C34)

R.T.: 19.130 min
Delta R.T.: 0.014 min
Response: 37879021
Conc: 49.93 ug/ml



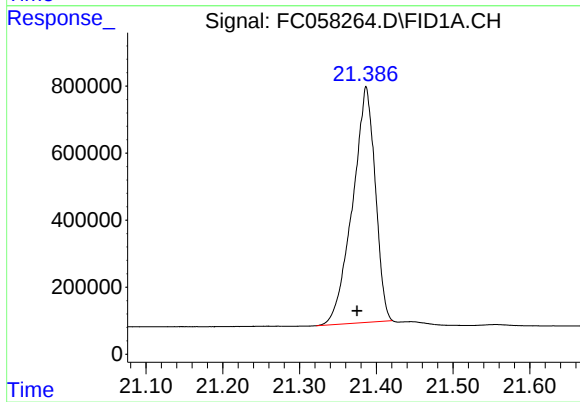
#20 n-Hexatriacontane (C36)

R.T.: 19.864 min
Delta R.T.: 0.013 min
Response: 28924420
Conc: 49.59 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.568 min
Delta R.T.: 0.015 min
Response: 20766338
Conc: 49.04 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.387 min
Delta R.T.: 0.011 min
Response: 14433149
Conc: 50.97 ug/ml