

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092021AL\
 Data File : FC055705.D
 Signal(s) : FID1A.CH
 Acq On : 20 Sep 2021 15:22
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 02:37:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 02:36:07 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)	11.657	6337034	50.492 ug/ml
Spiked Amount 50.000		Recovery =	100.98%
12) S 1-chlorooctadecane (S...	13.088	4973004	50.428 ug/ml
Spiked Amount 50.000		Recovery =	100.86%
Target Compounds			
1) T n-Nonane (C9)	3.402	5595384	50.803 ug/ml
2) T n-Decane (C10)	4.471	5644521	50.783 ug/ml
3) T A~Naphthalene (C11.7)	6.064	6331600	50.818 ug/ml
4) T n-Dodecane (C12)	6.492	5636107	50.653 ug/ml
5) T A~2-methylnaphthalene...	7.124	6370716	50.780 ug/ml
6) T n-Tetradecane (C14)	8.289	5704920	50.665 ug/ml
7) T n-Hexadecane (C16)	9.891	5761373	50.726 ug/ml
8) T n-Octadecane (C18)	11.334	5951420	50.499 ug/ml
10) T n-Eicosane (C20)	12.642	5919768	50.397 ug/ml
11) T n-Heneicosane (C21)	13.255	5982817	50.396 ug/ml
13) T n-Docosane (C22)	13.841	5925273	50.300 ug/ml
14) T n-Tetracosane (C24)	14.943	5892030	50.167 ug/ml
15) T n-Hexacosane (C26)	15.962	5689522	50.584 ug/ml
16) T n-Octacosane (C28)	16.910	5475906	50.954 ug/ml
17) T n-Tricontane (C30)	17.796	5164684	51.665 ug/ml
18) T n-Dotriacontane (C32)	18.626	4713827	52.324 ug/ml
19) T n-Tetratriacontane (C34)	19.406	4457830	52.342 ug/mlm
20) T n-Hexatriacontane (C36)	20.143	4158979	52.742 ug/mlm
21) T n-Octatriacontane (C38)	20.888	3933190	52.133 ug/mlm
22) T n-Tetracontane (C40)	21.819	3900821	56.294 ug/ml

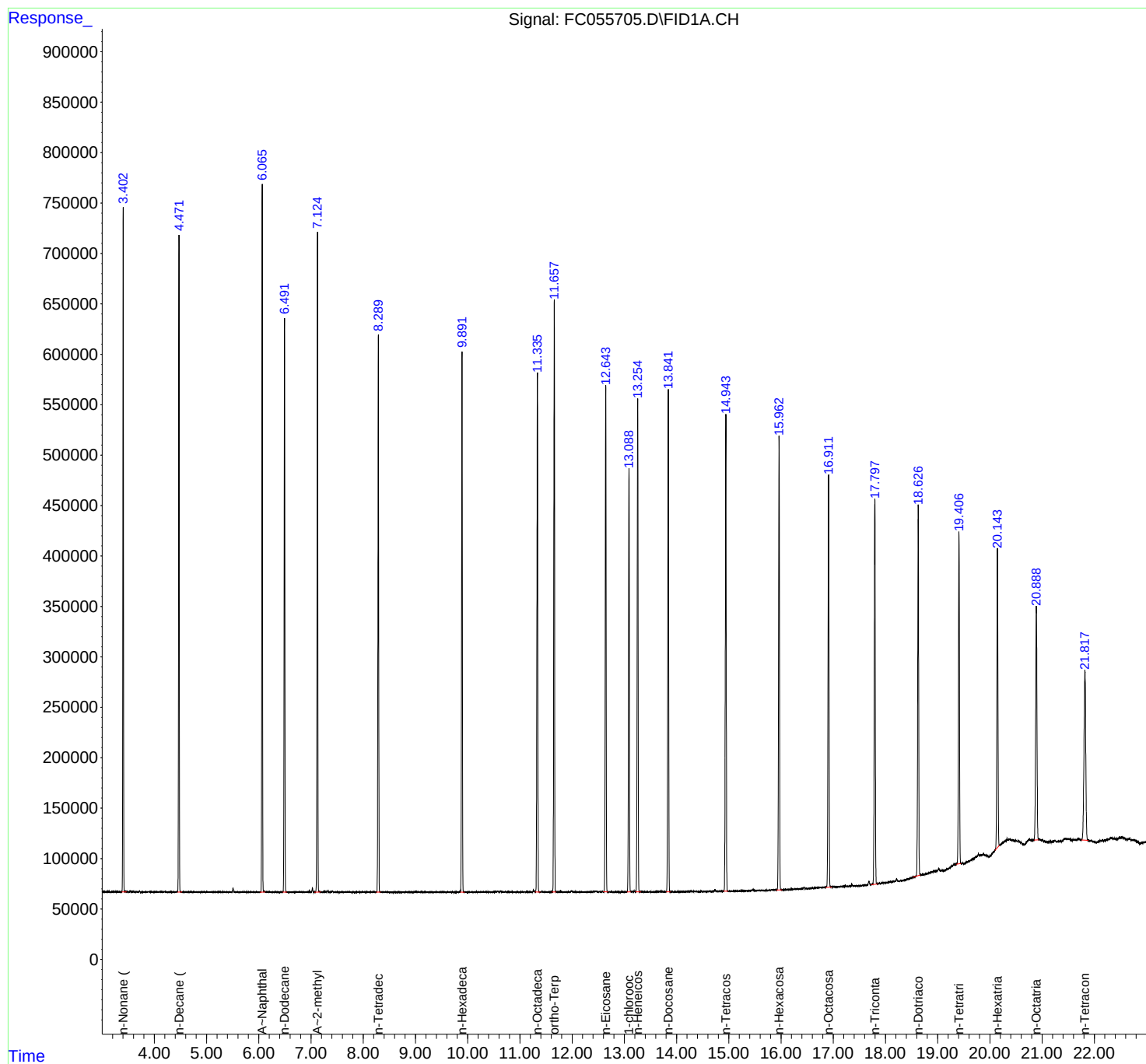
(f)=RT Delta > 1/2 Window

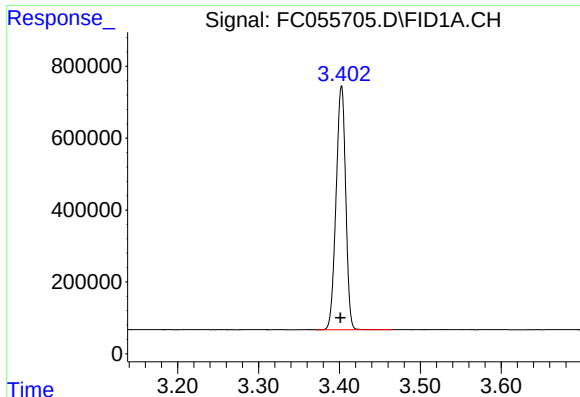
(m)=manual int.

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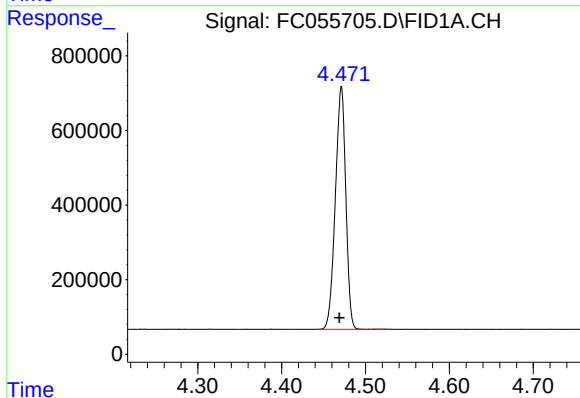
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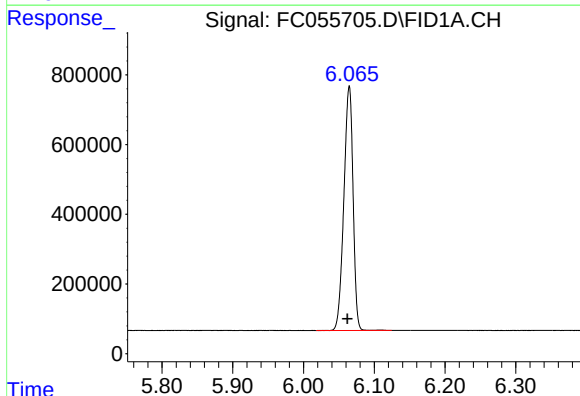
#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: 0.001 min
Response: 5595384
Conc: 50.80 ug/ml



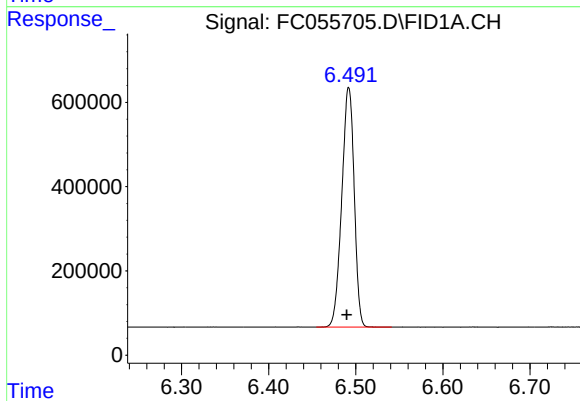
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.002 min
Response: 5644521
Conc: 50.78 ug/ml



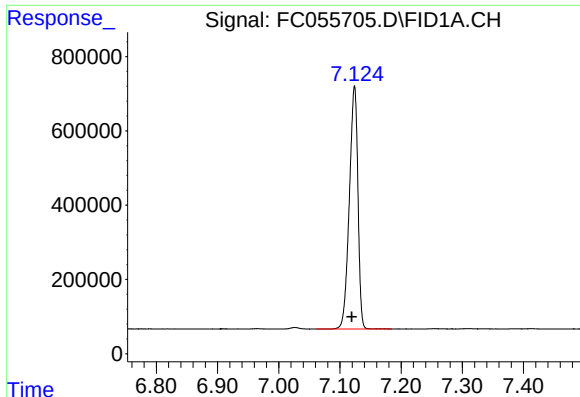
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: 0.002 min
Response: 6331600
Conc: 50.82 ug/ml



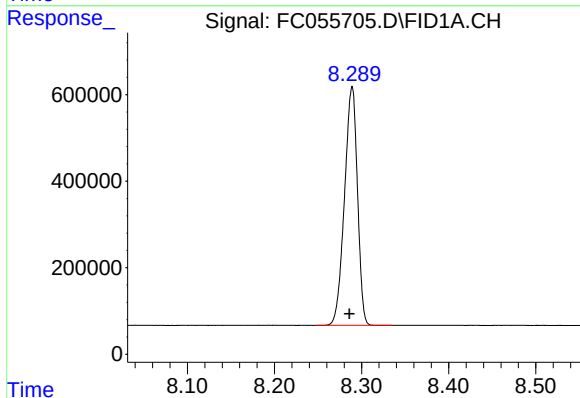
#4 n-Dodecane (C12)

R.T.: 6.492 min
Delta R.T.: 0.002 min
Response: 5636107
Conc: 50.65 ug/ml



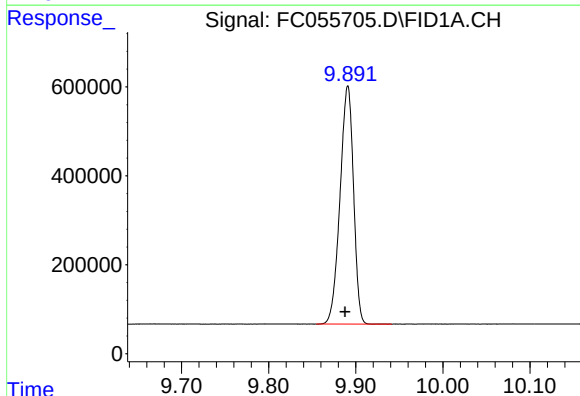
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.004 min
Response: 6370716
Conc: 50.78 ug/ml



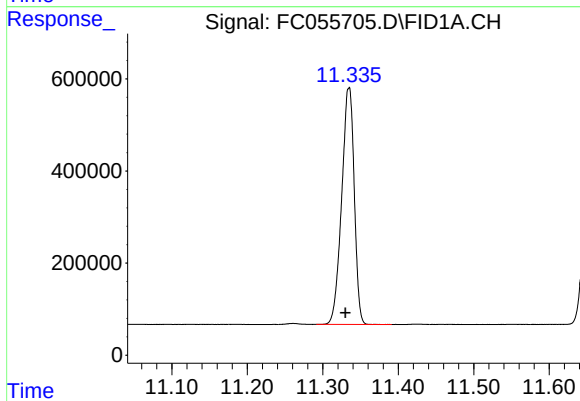
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: 0.003 min
Response: 5704920
Conc: 50.66 ug/ml



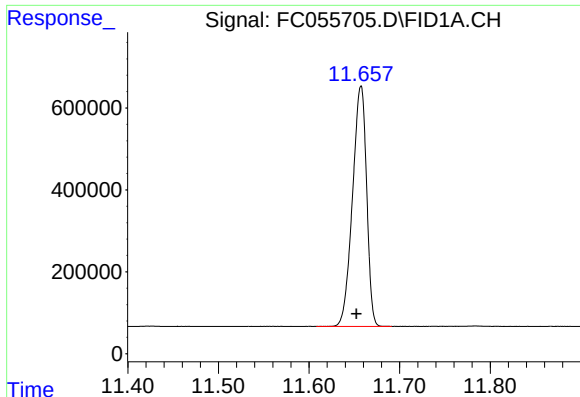
#7 n-Hexadecane (C16)

R.T.: 9.891 min
Delta R.T.: 0.003 min
Response: 5761373
Conc: 50.73 ug/ml



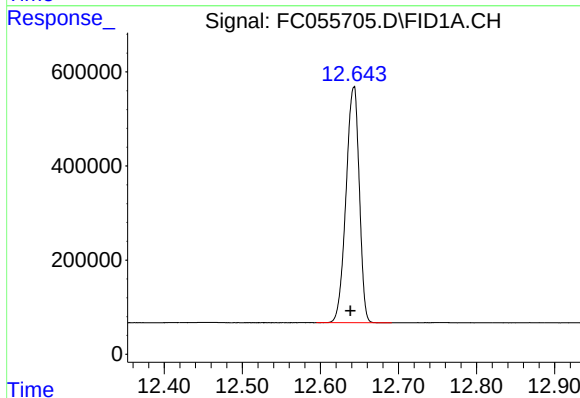
#8 n-Octadecane (C18)

R.T.: 11.334 min
Delta R.T.: 0.004 min
Response: 5951420
Conc: 50.50 ug/ml



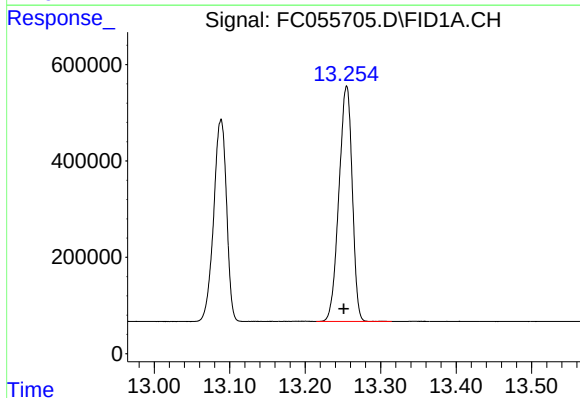
#9 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: 0.005 min
Response: 6337034
Conc: 50.49 ug/ml



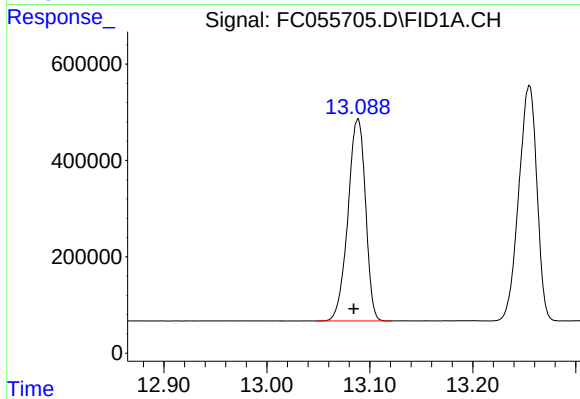
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: 0.004 min
Response: 5919768
Conc: 50.40 ug/ml



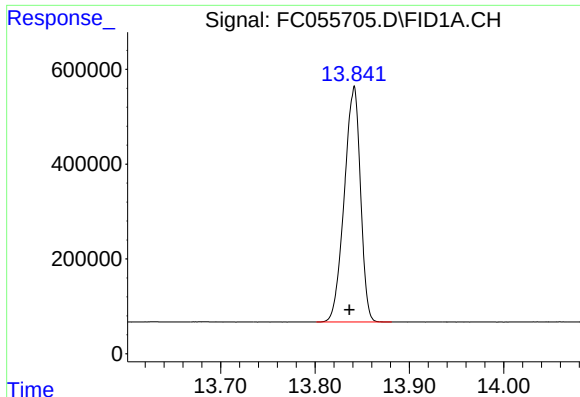
#11 n-Heneicosane (C21)

R.T.: 13.255 min
Delta R.T.: 0.004 min
Response: 5982817
Conc: 50.40 ug/ml



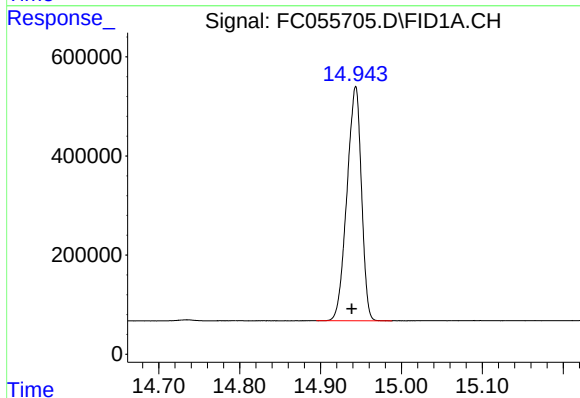
#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: 0.004 min
Response: 4973004
Conc: 50.43 ug/ml



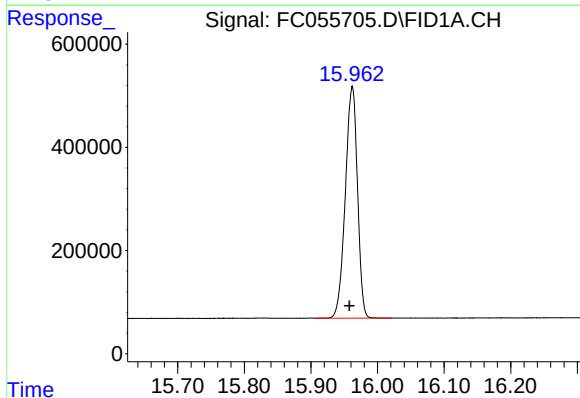
#13 n-Docosane (C22)

R.T.: 13.841 min
Delta R.T.: 0.004 min
Response: 5925273
Conc: 50.30 ug/ml



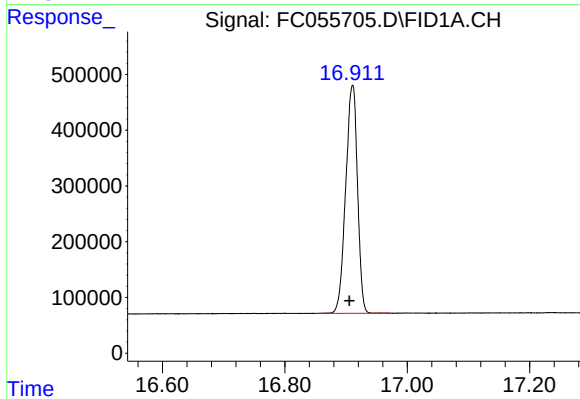
#14 n-Tetracosane (C24)

R.T.: 14.943 min
Delta R.T.: 0.004 min
Response: 5892030
Conc: 50.17 ug/ml



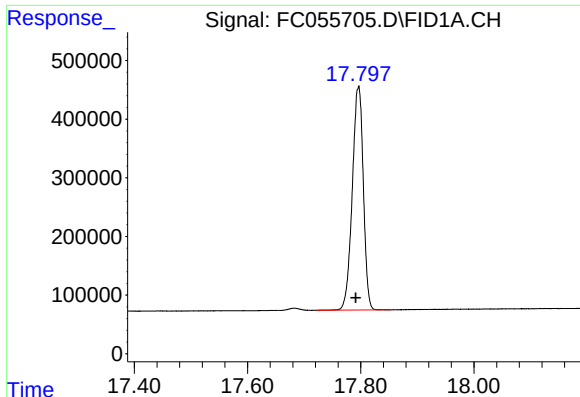
#15 n-Hexacosane (C26)

R.T.: 15.962 min
Delta R.T.: 0.004 min
Response: 5689522
Conc: 50.58 ug/ml



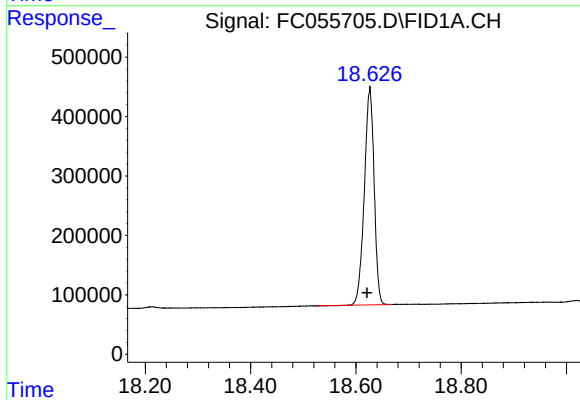
#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: 0.005 min
Response: 5475906
Conc: 50.95 ug/ml



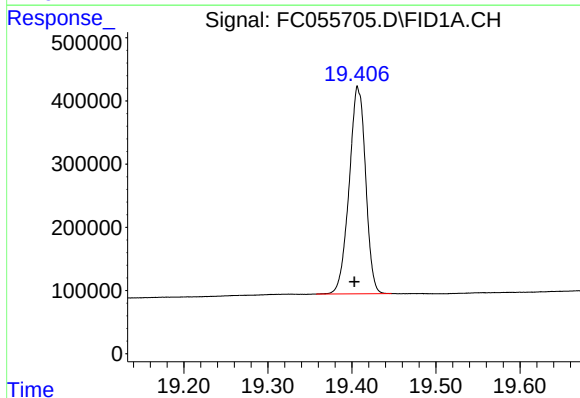
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: 0.005 min
Response: 5164684
Conc: 51.66 ug/ml



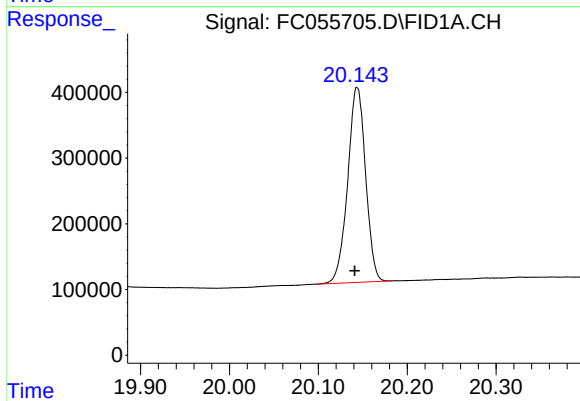
#18 n-Dotriacontane (C32)

R.T.: 18.626 min
Delta R.T.: 0.005 min
Response: 4713827
Conc: 52.32 ug/ml



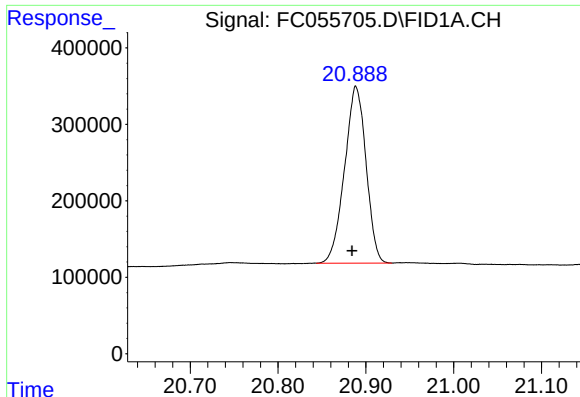
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min
Delta R.T.: 0.003 min
Response: 4457830
Conc: 52.34 ug/ml m



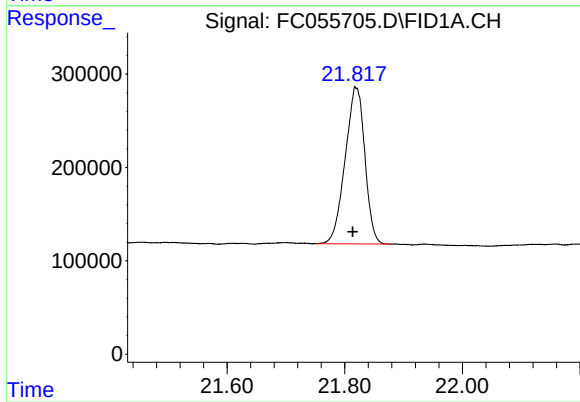
#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: 0.002 min
Response: 4158979
Conc: 52.74 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.888 min
Delta R.T.: 0.004 min
Response: 3933190
Conc: 52.13 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.819 min
Delta R.T.: 0.006 min
Response: 3900821
Conc: 56.29 ug/ml