

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102721AL\
 Data File : FC056440.D
 Signal(s) : FID1A.CH
 Acq On : 27 Oct 2021 20:33
 Operator : AJ\MA
 Sample : M4353-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 CONCRETE-GRAB-IIMSD

Integration File: autoint1.e
 Quant Time: Oct 28 02:12:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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			
12) S 1-chlorooctadecane (S...	13.050	2779299	28.884 ug/ml
Spiked Amount 50.000		Recovery =	57.77%
Target Compounds			
1) T n-Nonane (C9)	3.381	3413991	31.543 ug/ml
2) T n-Decane (C10)	4.448	4250067	39.455 ug/ml
4) T n-Dodecane (C12)	6.466	4945961	44.866 ug/ml
6) T n-Tetradecane (C14)	8.261	5308337	47.283 ug/ml
7) T n-Hexadecane (C16)	9.860	5549445	48.812 ug/ml
8) T n-Octadecane (C18)	11.301	5850103	50.062 ug/ml
10) T n-Eicosane (C20)	12.608	5623116	48.928 ug/ml
11) T n-Heneicosane (C21)	13.218	5557379	48.357 ug/ml
13) T n-Docosane (C22)	13.804	5453154	48.436 ug/ml
14) T n-Tetracosane (C24)	14.903	5219804	47.365 ug/ml
15) T n-Hexacosane (C26)	15.920	5015763	47.522 ug/ml
16) T n-Octacosane (C28)	16.867	4771904	46.004 ug/ml
17) T n-Tricontane (C30)	17.750	4555782	43.971 ug/ml
18) T n-Dotriacontane (C32)	18.578	4429036	46.228 ug/ml
19) T n-Tetratriacontane (C34)	19.358	4264598	48.622 ug/ml
20) T n-Hexatriacontane (C36)	20.091	4039218	49.348 ug/ml
21) T n-Octatriacontane (C38)	20.827	3867200	48.354 ug/ml
22) T n-Tetracontane (C40)	21.743	3944144	47.872 ug/ml

(f)=RT Delta > 1/2 Window

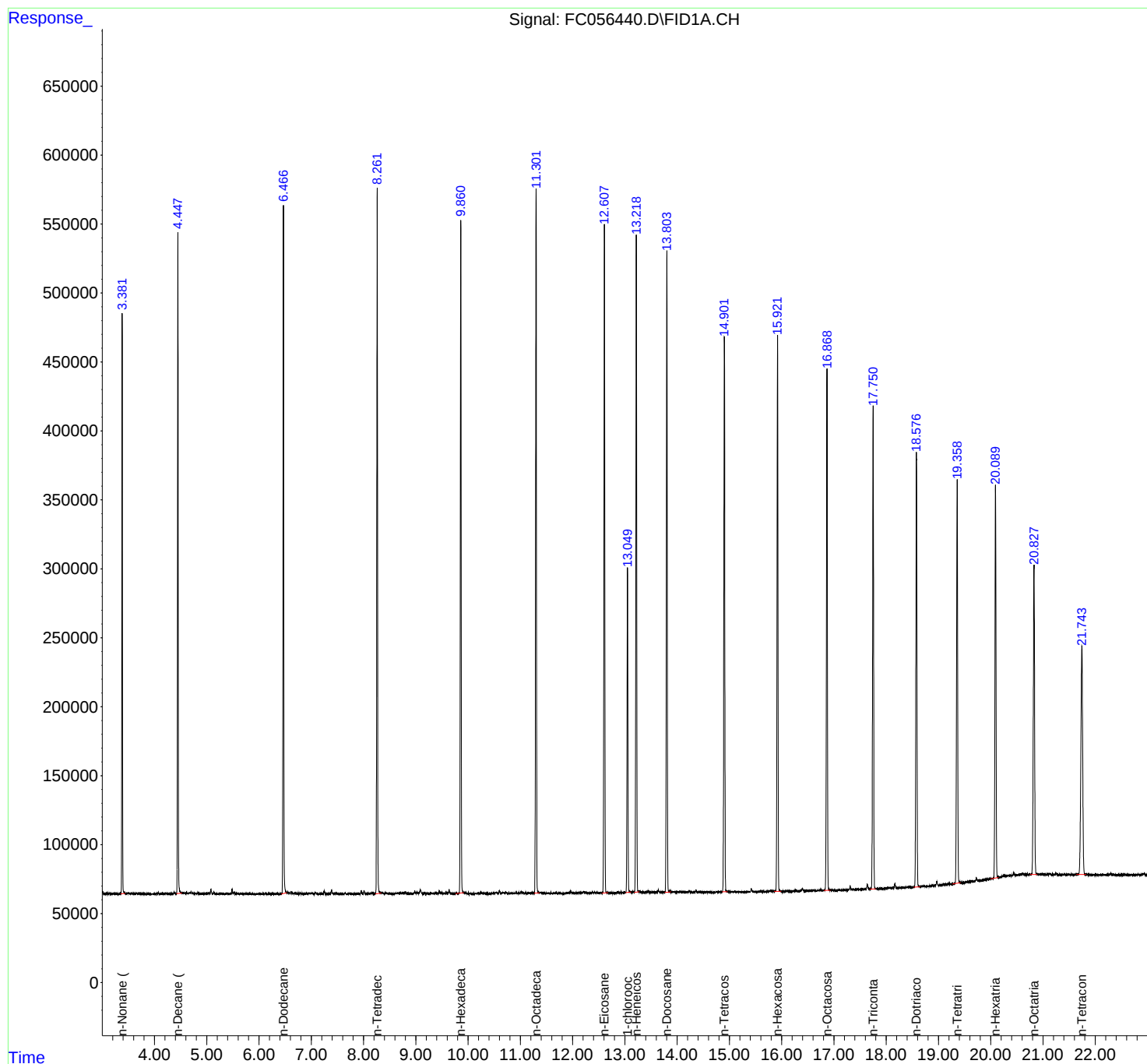
(m)=manual int.

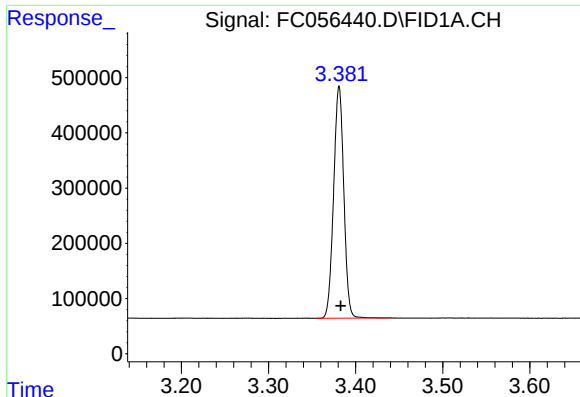
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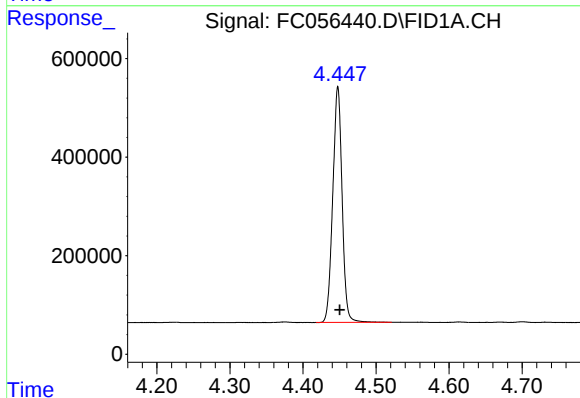




#1 n-Nonane (C9)

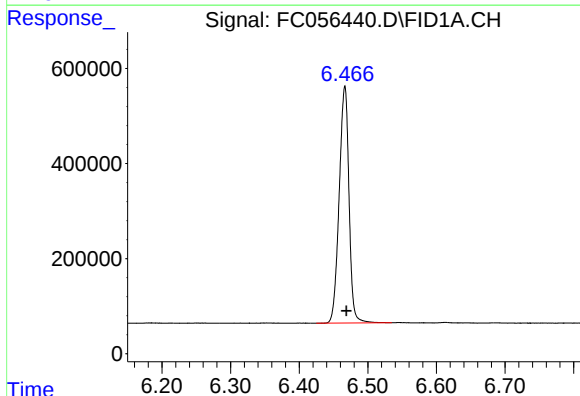
R.T.: 3.381 min
Delta R.T.: -0.002 min
Response: 3413991
Conc: 31.54 ug/ml

Instrument :
FID_C
ClientSampleId :
CONCRETE-GRAB-IIMSD



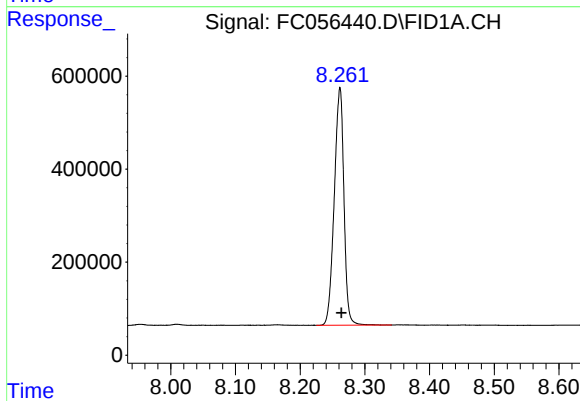
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.003 min
Response: 4250067
Conc: 39.46 ug/ml



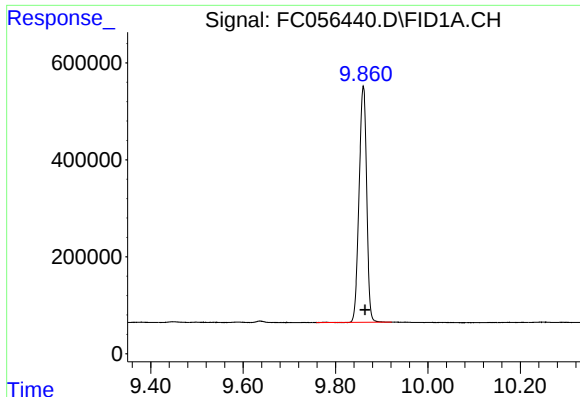
#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 4945961
Conc: 44.87 ug/ml



#6 n-Tetradecane (C14)

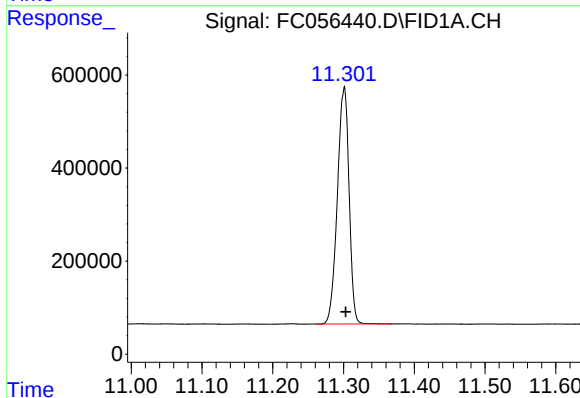
R.T.: 8.261 min
Delta R.T.: -0.003 min
Response: 5308337
Conc: 47.28 ug/ml



#7 n-Hexadecane (C16)

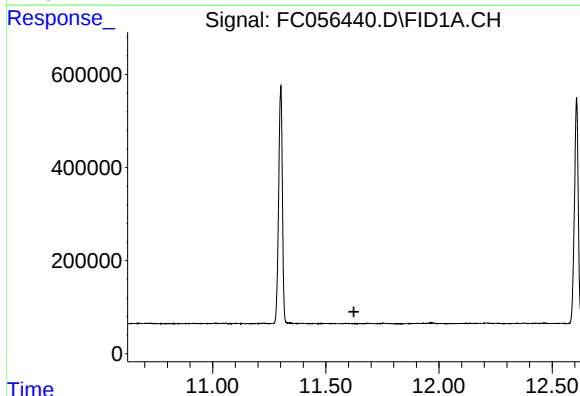
R.T.: 9.860 min
Delta R.T.: -0.004 min
Response: 5549445
Conc: 48.81 ug/ml

Instrument :
FID_C
ClientSampleId :
CONCRETE-GRAB-IIMSD



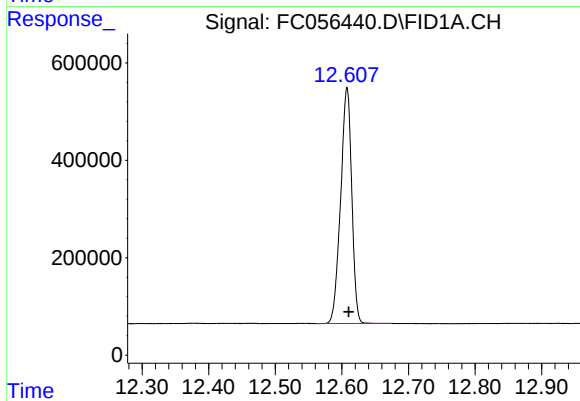
#8 n-Octadecane (C18)

R.T.: 11.301 min
Delta R.T.: -0.003 min
Response: 5850103
Conc: 50.06 ug/ml



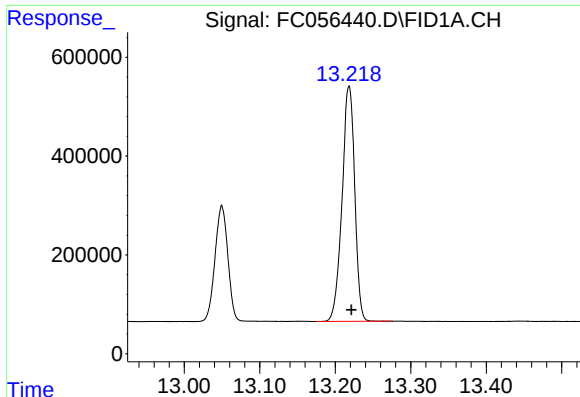
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.624 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

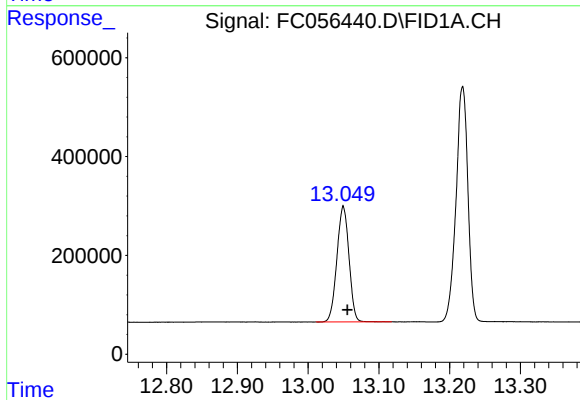
R.T.: 12.608 min
Delta R.T.: -0.003 min
Response: 5623116
Conc: 48.93 ug/ml



#11 n-Heneicosane (C21)

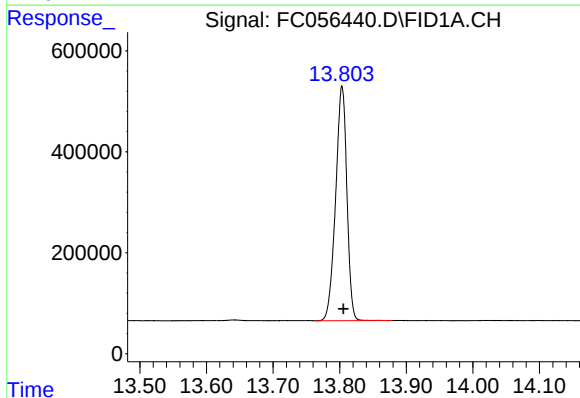
R.T.: 13.218 min
Delta R.T.: -0.003 min
Response: 5557379
Conc: 48.36 ug/ml

Instrument :
FID_C
ClientSampleId :
CONCRETE-GRAB-IIMSD



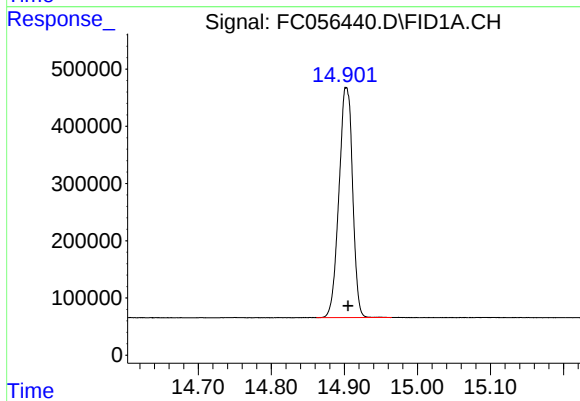
#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min
Delta R.T.: -0.006 min
Response: 2779299
Conc: 28.88 ug/ml



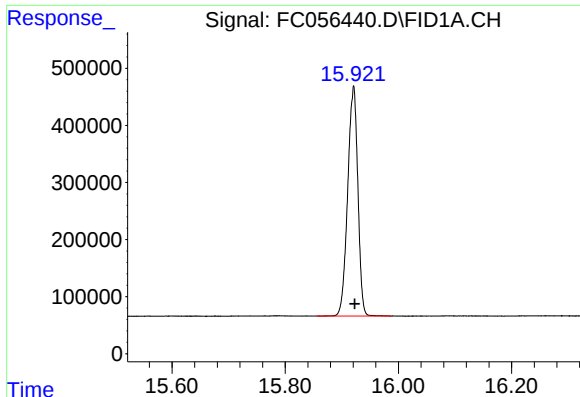
#13 n-Docosane (C22)

R.T.: 13.804 min
Delta R.T.: -0.002 min
Response: 5453154
Conc: 48.44 ug/ml



#14 n-Tetracosane (C24)

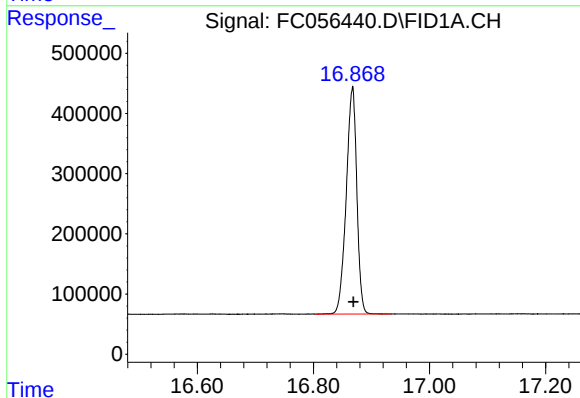
R.T.: 14.903 min
Delta R.T.: -0.002 min
Response: 5219804
Conc: 47.37 ug/ml



#15 n-Hexacosane (C26)

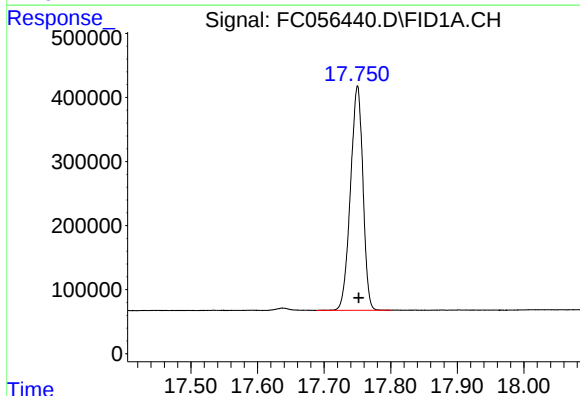
R.T.: 15.920 min
Delta R.T.: -0.002 min
Response: 5015763
Conc: 47.52 ug/ml

Instrument :
FID_C
ClientSampleId :
CONCRETE-GRAB-IIMSD



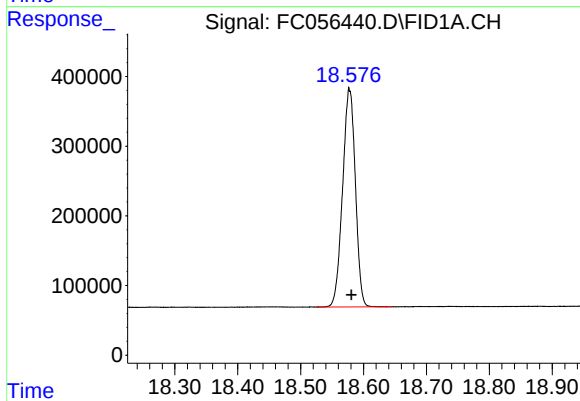
#16 n-Octacosane (C28)

R.T.: 16.867 min
Delta R.T.: -0.002 min
Response: 4771904
Conc: 46.00 ug/ml



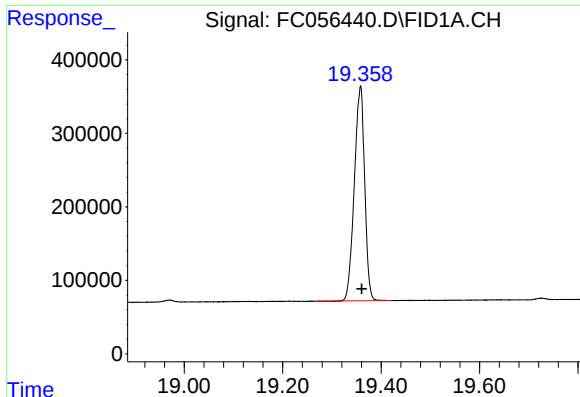
#17 n-Tricontane (C30)

R.T.: 17.750 min
Delta R.T.: -0.002 min
Response: 4555782
Conc: 43.97 ug/ml



#18 n-Dotriacontane (C32)

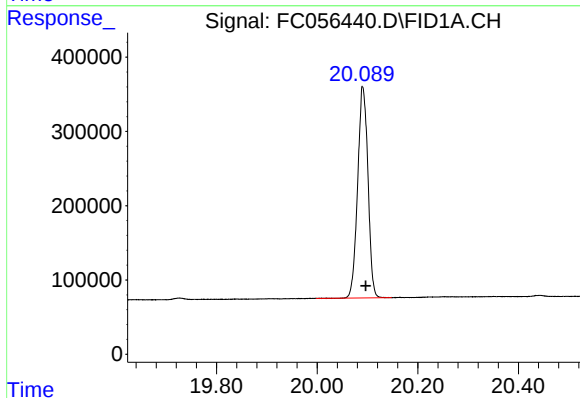
R.T.: 18.578 min
Delta R.T.: -0.003 min
Response: 4429036
Conc: 46.23 ug/ml



#19 n-Tetratriacontane (C34)

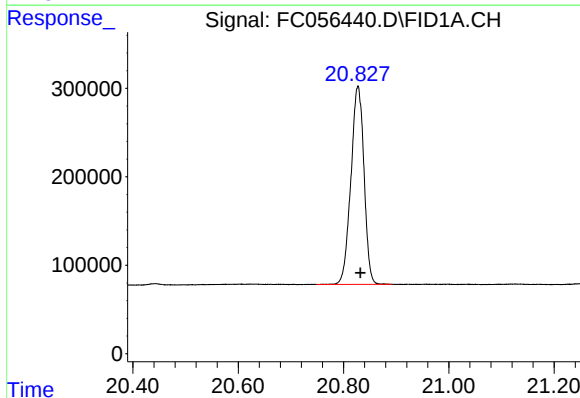
R.T.: 19.358 min
Delta R.T.: -0.003 min
Response: 4264598
Conc: 48.62 ug/ml

Instrument :
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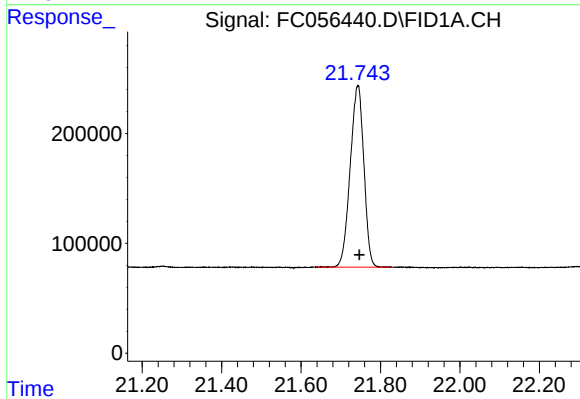
#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: -0.006 min
Response: 4039218
Conc: 49.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.827 min
Delta R.T.: -0.005 min
Response: 3867200
Conc: 48.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: -0.004 min
Response: 3944144
Conc: 47.87 ug/ml