

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042420AL\
 Data File : FC047143.D
 Signal(s) : FID1A.CH
 Acq On : 26 Apr 2020 17:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 27 01:12:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 2020
 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)	11.757	2289490	20.575 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
12) S 1-chlorooctadecane (S...	13.170	1805673	20.219 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
Target Compounds			
1) T n-Nonane (C9)	3.552	2057925	21.316 ug/ml
2) T n-Decane (C10)	4.618	2076449	21.526 ug/ml
3) T A~Naphthalene (C11.7)	6.218	2177097	21.611 ug/ml
4) T n-Dodecane (C12)	6.622	2126794	21.631 ug/ml
5) T A~2-methylnaphthalene...	7.267	2187640	21.932 ug/ml
6) T n-Tetradecane (C14)	8.402	2141475	21.684 ug/ml
7) T n-Hexadecane (C16)	9.991	2148077	21.306 ug/ml
8) T n-Octadecane (C18)	11.423	2160134	20.924 ug/ml
10) T n-Eicosane (C20)	12.725	2148997	20.480 ug/ml
11) T n-Heneicosane (C21)	13.333	2153841	20.249 ug/ml
13) T n-Docosane (C22)	13.915	2159486	20.294 ug/ml
14) T n-Tetracosane (C24)	15.012	2146315	19.957 ug/ml
15) T n-Hexacosane (C26)	16.028	2084937	19.325 ug/ml
16) T n-Octacosane (C28)	16.972	2028467	18.978 ug/ml
17) T n-Tricontane (C30)	17.855	1882182	18.809 ug/ml
18) T n-Dotriacontane (C32)	18.683	1424749	18.697 ug/ml
19) T n-Tetratriacontane (C34)	19.461	1029123	18.314 ug/ml
20) T n-Hexatriacontane (C36)	20.198	889806	17.781 ug/ml
21) T n-Octatriacontane (C38)	20.957	830602	18.317 ug/ml
22) T n-Tetracontane (C40)	21.912	917483	19.558 ug/ml

(f)=RT Delta > 1/2 Window

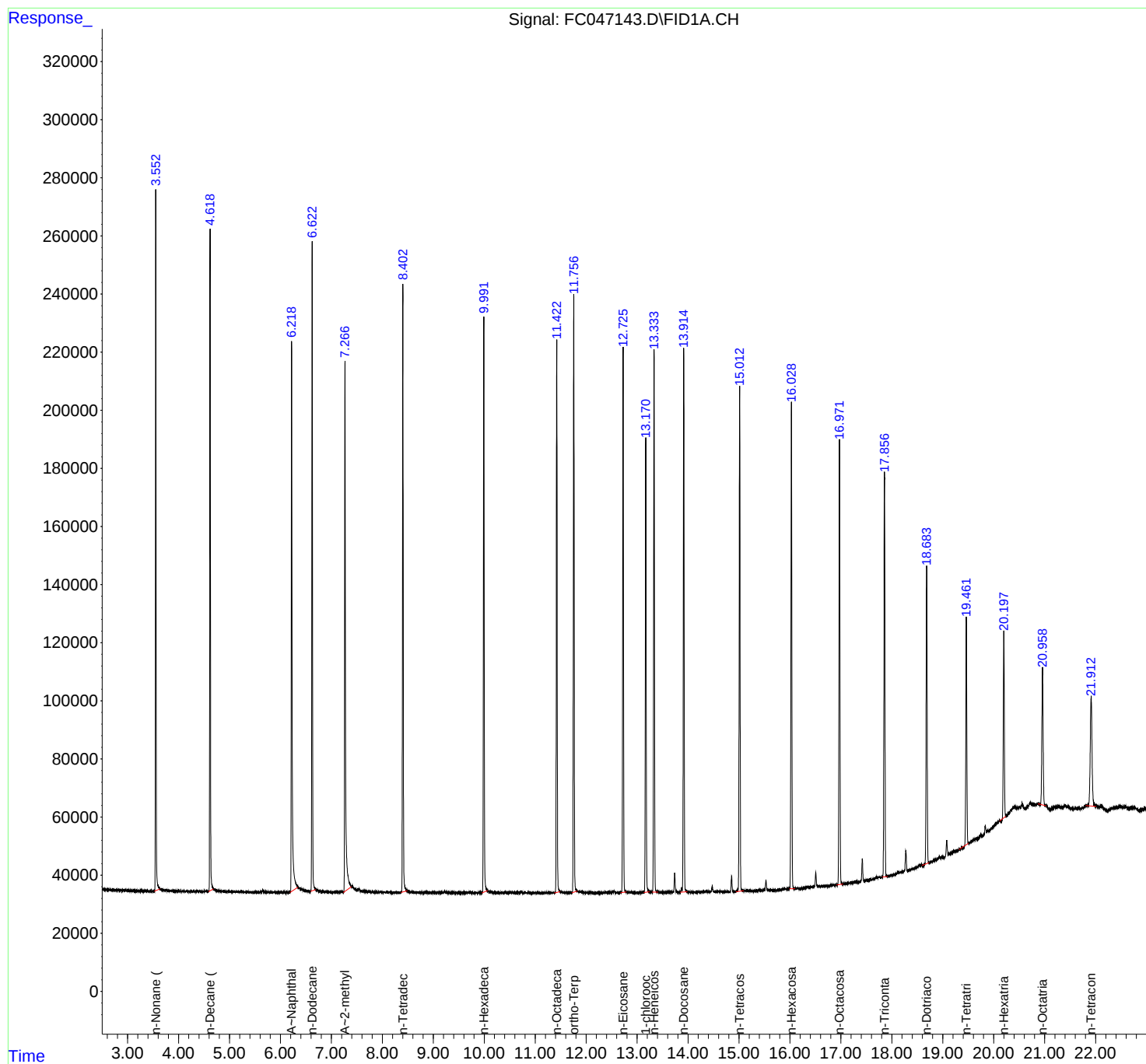
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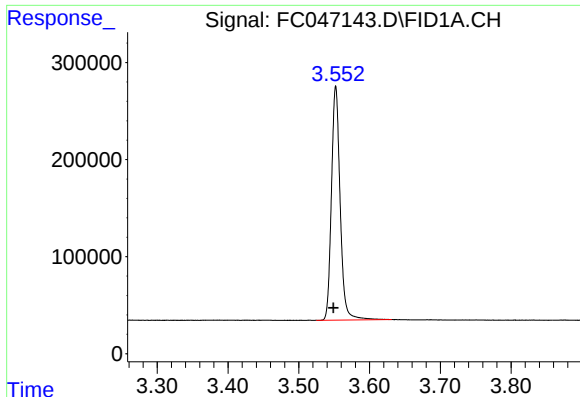
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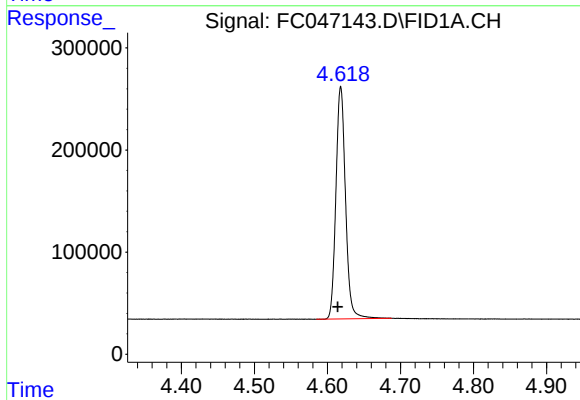




#1 n-Nonane (C9)

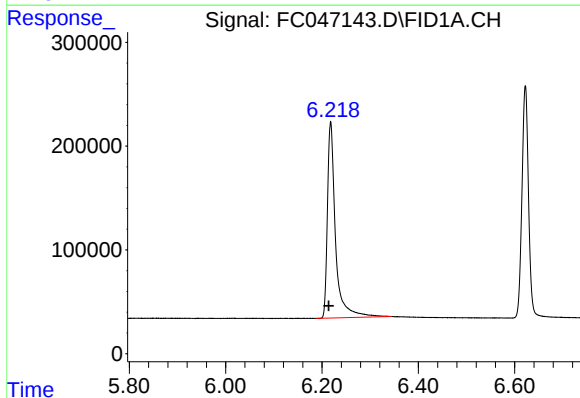
R.T.: 3.552 min
Delta R.T.: 0.003 min
Response: 2057925
Conc: 21.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



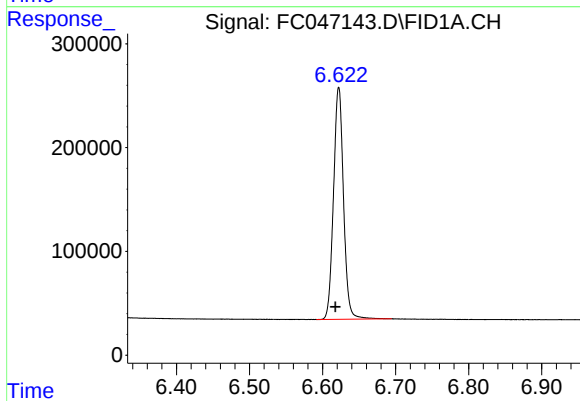
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.004 min
Response: 2076449
Conc: 21.53 ug/ml



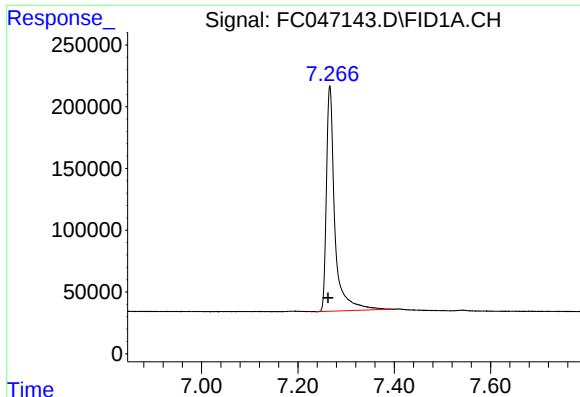
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.005 min
Response: 2177097
Conc: 21.61 ug/ml



#4 n-Dodecane (C12)

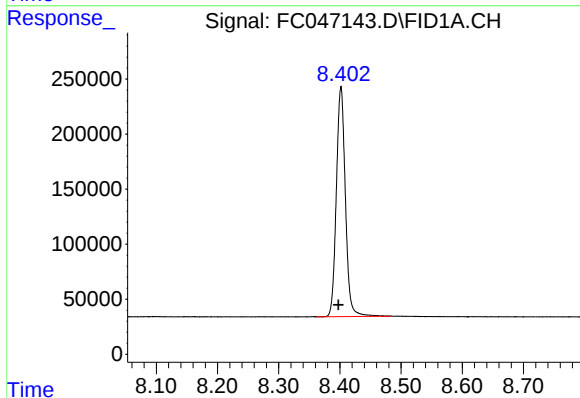
R.T.: 6.622 min
Delta R.T.: 0.005 min
Response: 2126794
Conc: 21.63 ug/ml



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

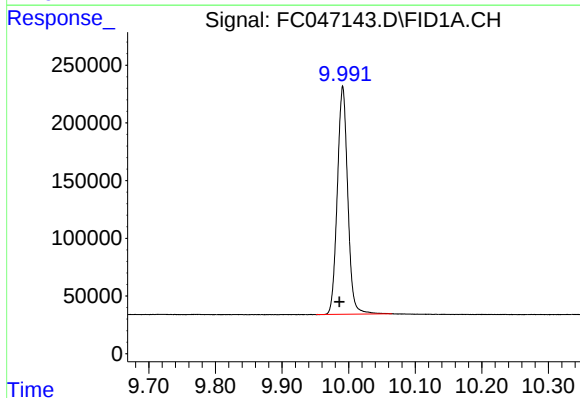
R.T.: 7.267 min
Delta R.T.: 0.004 min
Response: 2187640
Conc: 21.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



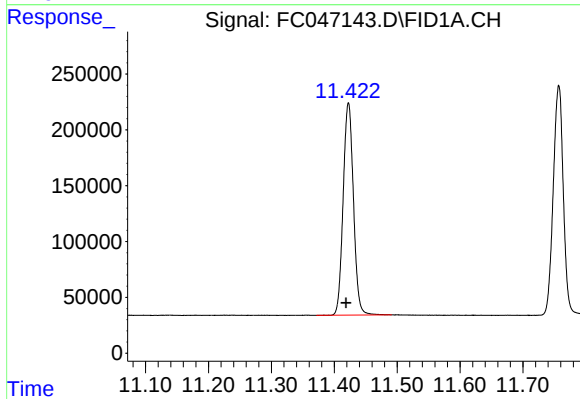
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.004 min
Response: 2141475
Conc: 21.68 ug/ml



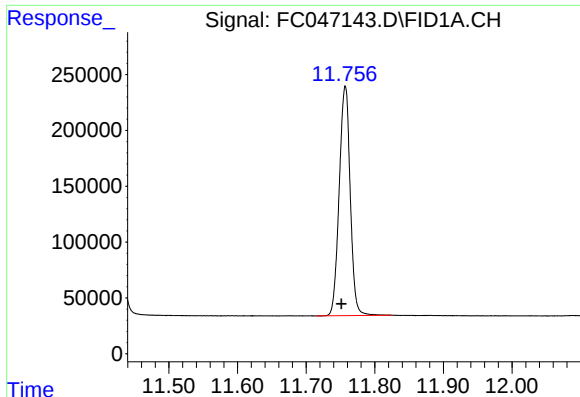
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: 0.005 min
Response: 2148077
Conc: 21.31 ug/ml



#8 n-Octadecane (C18)

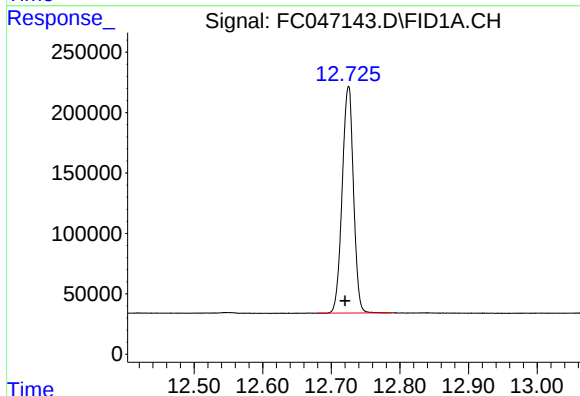
R.T.: 11.423 min
Delta R.T.: 0.004 min
Response: 2160134
Conc: 20.92 ug/ml



#9 ortho-Terphenyl (SURR)

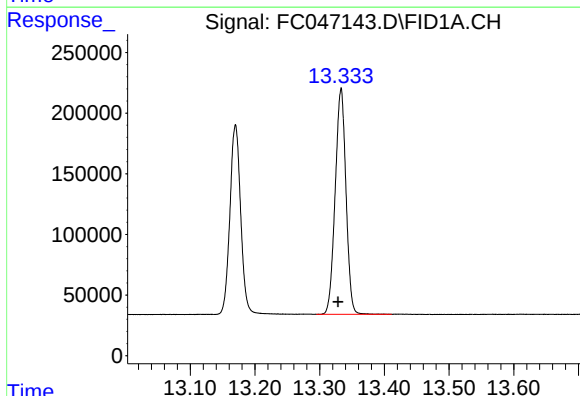
R.T.: 11.757 min
Delta R.T.: 0.006 min
Response: 2289490
Conc: 20.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



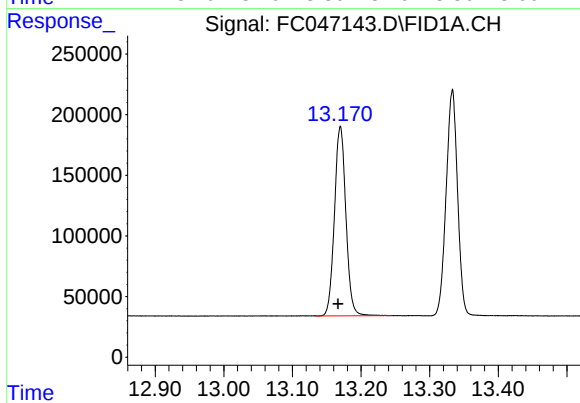
#10 n-Eicosane (C20)

R.T.: 12.725 min
Delta R.T.: 0.005 min
Response: 2148997
Conc: 20.48 ug/ml



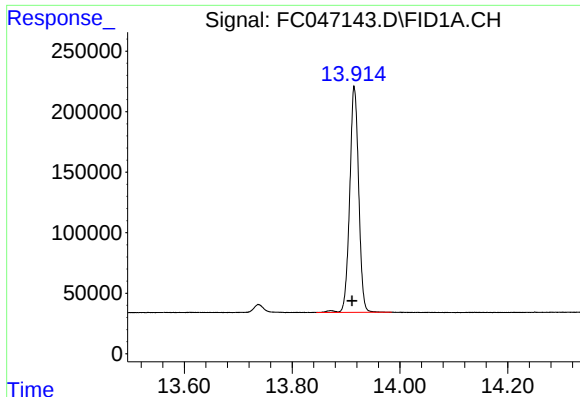
#11 n-Heneicosane (C21)

R.T.: 13.333 min
Delta R.T.: 0.005 min
Response: 2153841
Conc: 20.25 ug/ml



#12 1-chlorooctadecane (SURR)

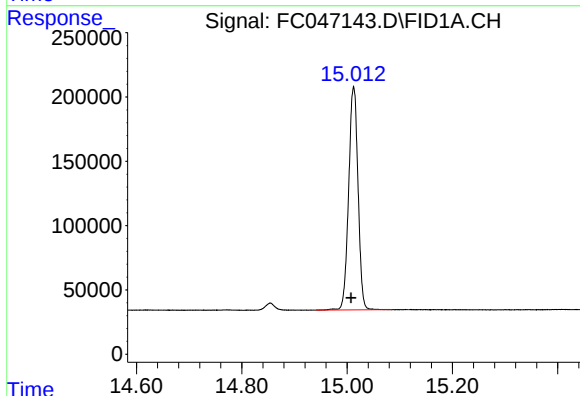
R.T.: 13.170 min
Delta R.T.: 0.003 min
Response: 1805673
Conc: 20.22 ug/ml



#13 n-Docosane (C22)

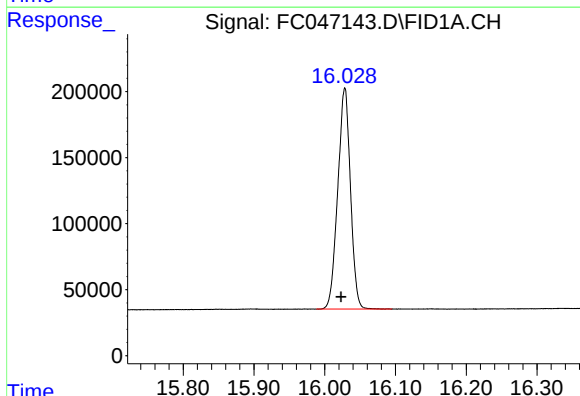
R.T.: 13.915 min
Delta R.T.: 0.005 min
Response: 2159486
Conc: 20.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



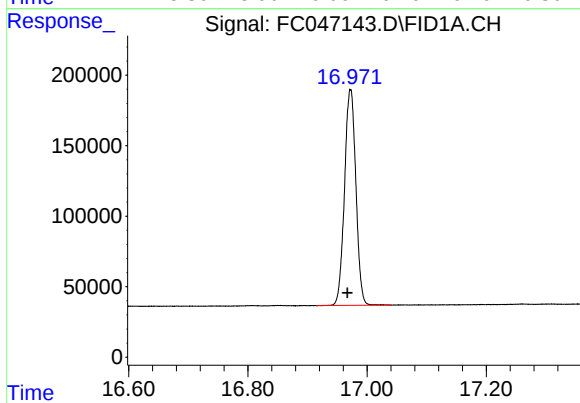
#14 n-Tetracosane (C24)

R.T.: 15.012 min
Delta R.T.: 0.005 min
Response: 2146315
Conc: 19.96 ug/ml



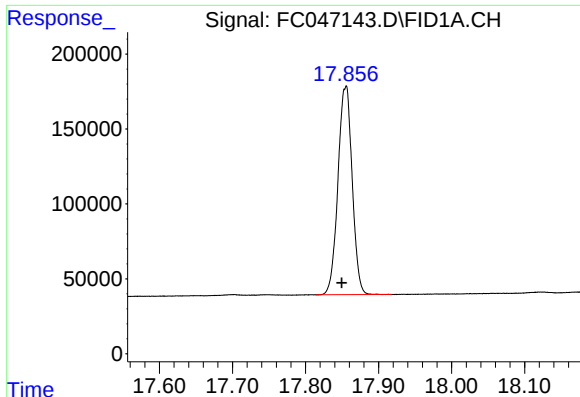
#15 n-Hexacosane (C26)

R.T.: 16.028 min
Delta R.T.: 0.005 min
Response: 2084937
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

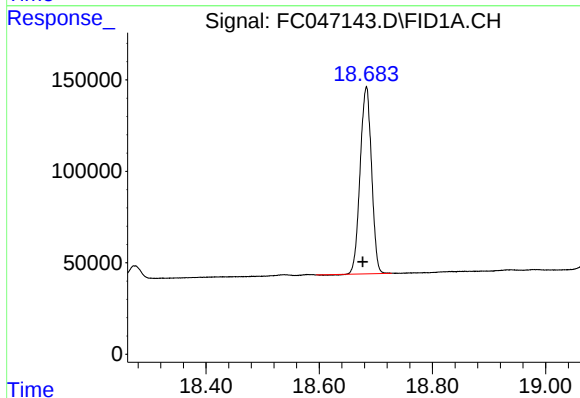
R.T.: 16.972 min
Delta R.T.: 0.005 min
Response: 2028467
Conc: 18.98 ug/ml



#17 n-Tricontane (C30)

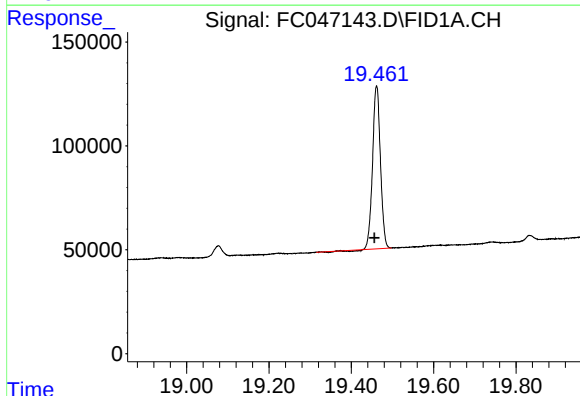
R.T.: 17.855 min
Delta R.T.: 0.005 min
Response: 1882182
Conc: 18.81 ug/ml

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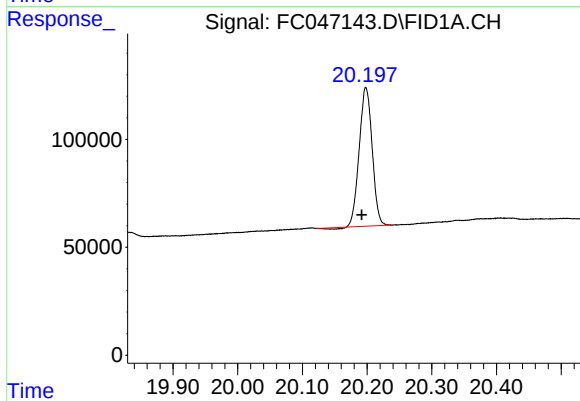
#18 n-Dotriacontane (C32)

R.T.: 18.683 min
Delta R.T.: 0.006 min
Response: 1424749
Conc: 18.70 ug/ml



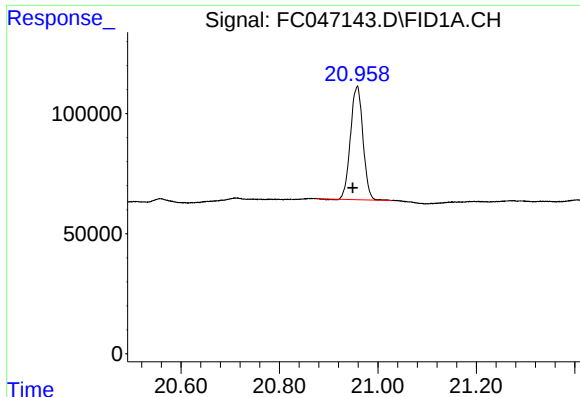
#19 n-Tetratriacontane (C34)

R.T.: 19.461 min
Delta R.T.: 0.005 min
Response: 1029123
Conc: 18.31 ug/ml



#20 n-Hexatriacontane (C36)

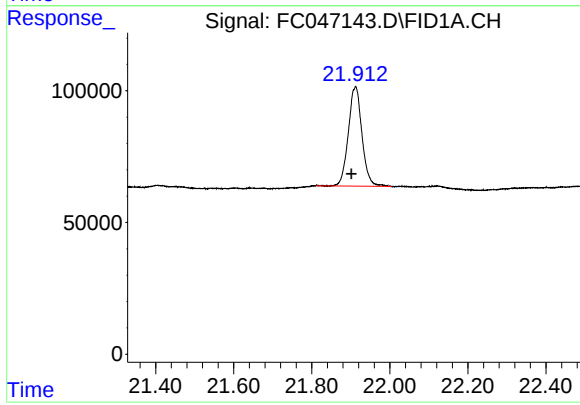
R.T.: 20.198 min
Delta R.T.: 0.007 min
Response: 889806
Conc: 17.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.957 min
Delta R.T.: 0.009 min
Response: 830602
Conc: 18.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.912 min
Delta R.T.: 0.010 min
Response: 917483
Conc: 19.56 ug/ml