

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050520AL\
 Data File : FC047291.D
 Signal(s) : FID1A.CH
 Acq On : 06 May 2020 4:14
 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: autoint1.e
 Quant Time: May 06 04:47:55 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)	11.750	2450946	22.026 ug/ml
Spiked Amount 50.000		Recovery =	44.05%
12) S 1-chlorooctadecane (S...	13.164	1922957	21.532 ug/ml
Spiked Amount 50.000		Recovery =	43.06%
Target Compounds			
1) T n-Nonane (C9)	3.550	2232050	23.119 ug/ml
2) T n-Decane (C10)	4.615	2253441	23.361 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2355486	23.382 ug/ml
4) T n-Dodecane (C12)	6.618	2316718	23.563 ug/ml
5) T A~2-methylnaphthalene...	7.263	2352452	23.584 ug/ml
6) T n-Tetradecane (C14)	8.397	2327797	23.570 ug/ml
7) T n-Hexadecane (C16)	9.985	2333130	23.141 ug/ml
8) T n-Octadecane (C18)	11.417	2327757	22.548 ug/ml
10) T n-Eicosane (C20)	12.718	2292383	21.847 ug/ml
11) T n-Heneicosane (C21)	13.326	2288360	21.513 ug/ml
13) T n-Docosane (C22)	13.908	2252681	21.170 ug/ml
14) T n-Tetracosane (C24)	15.004	2245987	20.884 ug/ml
15) T n-Hexacosane (C26)	16.019	2190701	20.305 ug/ml
16) T n-Octacosane (C28)	16.964	2129045	19.919 ug/ml
17) T n-Tricontane (C30)	17.846	1990385	19.890 ug/ml
18) T n-Dotriacontane (C32)	18.674	1524206	20.002 ug/ml
19) T n-Tetratriacontane (C34)	19.453	1102932	19.628 ug/ml
20) T n-Hexatriacontane (C36)	20.188	920182	18.388 ug/ml
21) T n-Octatriacontane (C38)	20.947	819789	18.079 ug/ml
22) T n-Tetracontane (C40)	21.897	805083	17.162 ug/ml

(f)=RT Delta > 1/2 Window

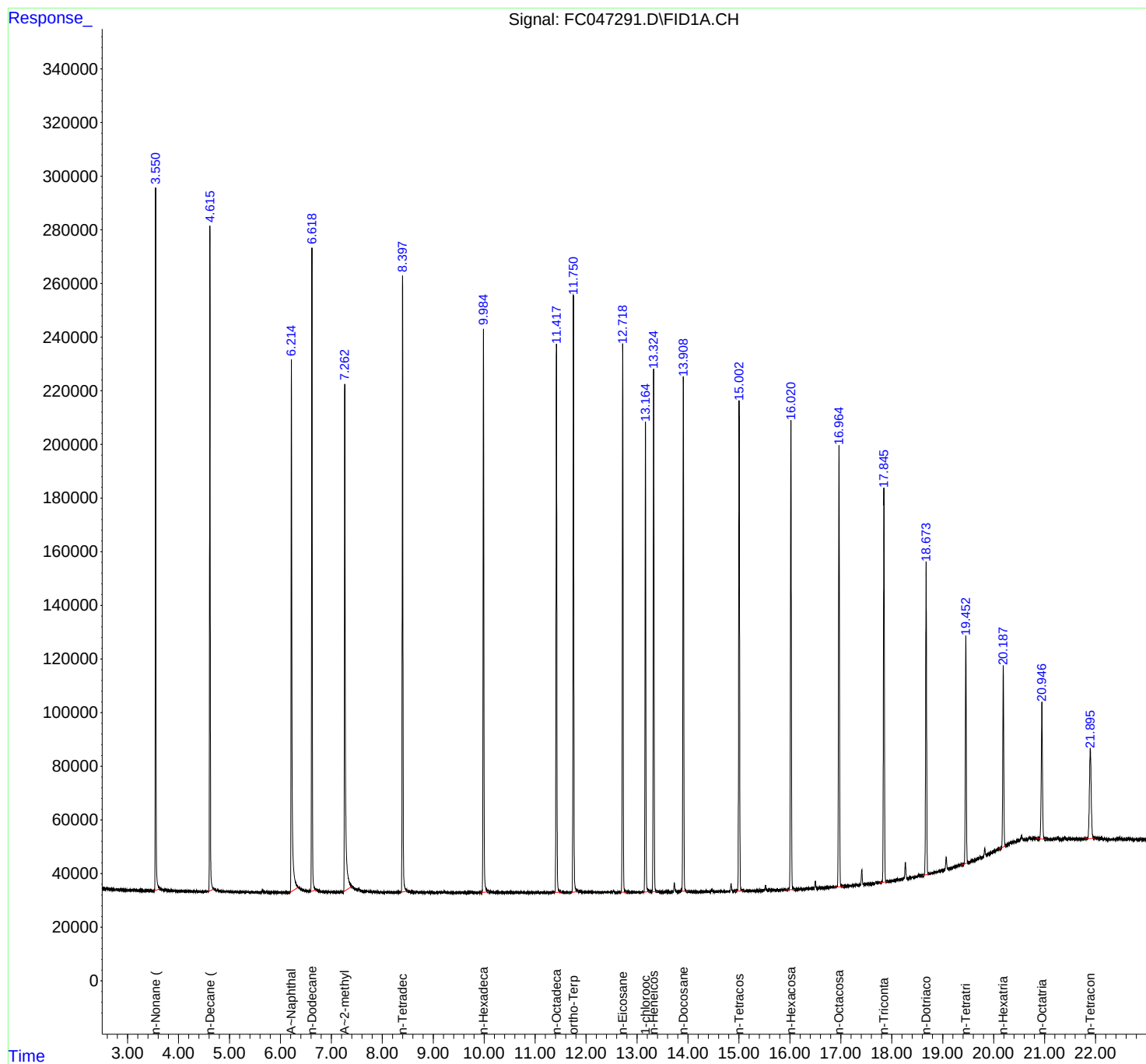
(m)=manual int.

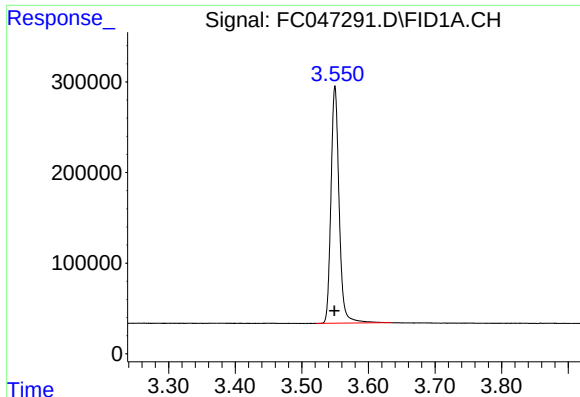
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050520AL\
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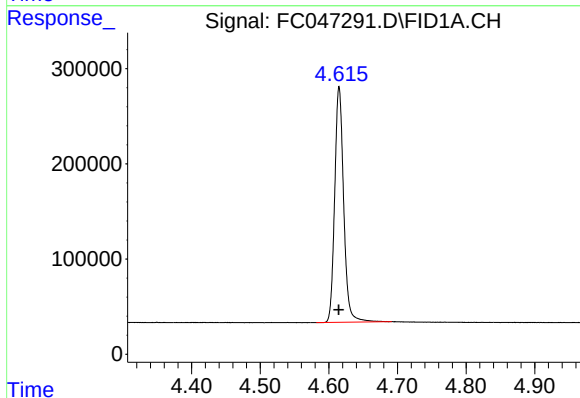




#1 n-Nonane (C9)

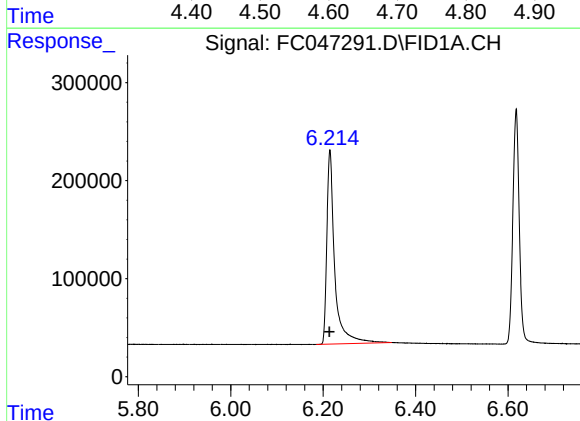
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 2232050
Conc: 23.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



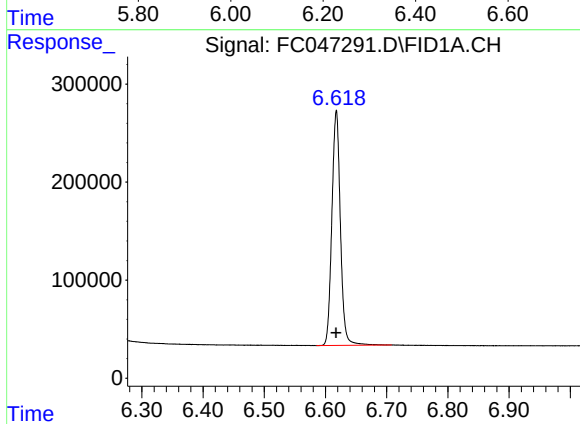
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 2253441
Conc: 23.36 ug/ml



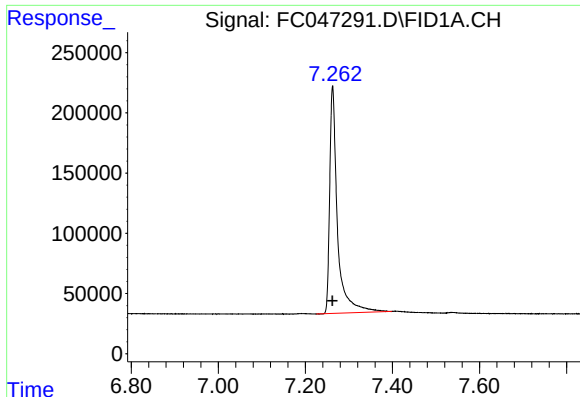
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.001 min
Response: 2355486
Conc: 23.38 ug/ml



#4 n-Dodecane (C12)

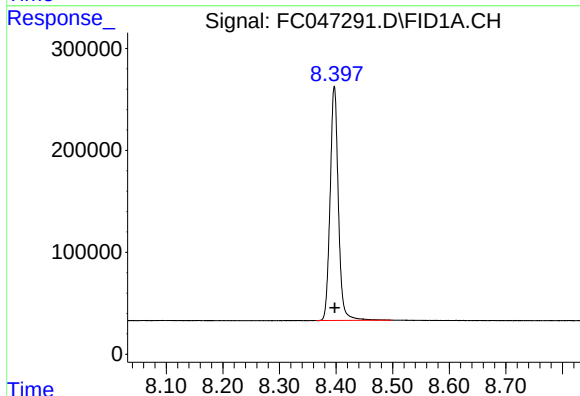
R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 2316718
Conc: 23.56 ug/ml



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

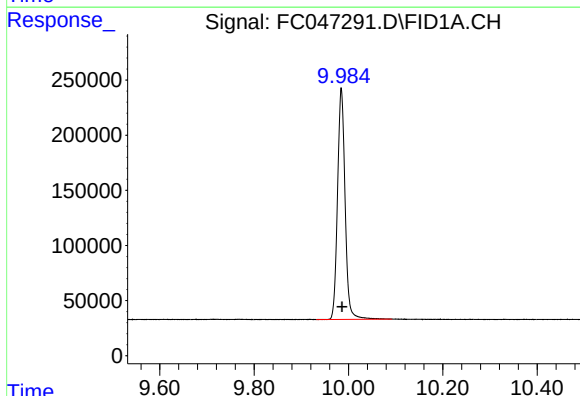
R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 2352452
Conc: 23.58 ug/ml

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20 PPM ALIPHATIC HC STD



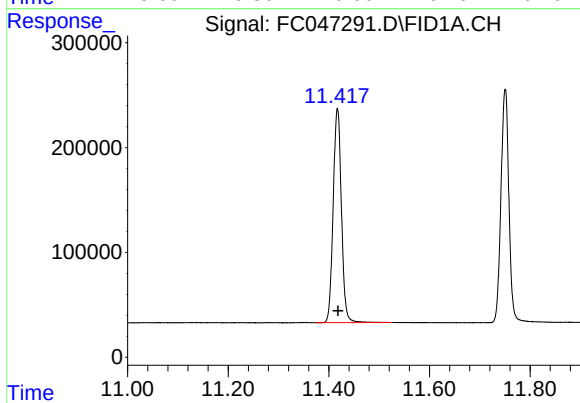
#6 n-Tetradecane (C14)

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 2327797
Conc: 23.57 ug/ml



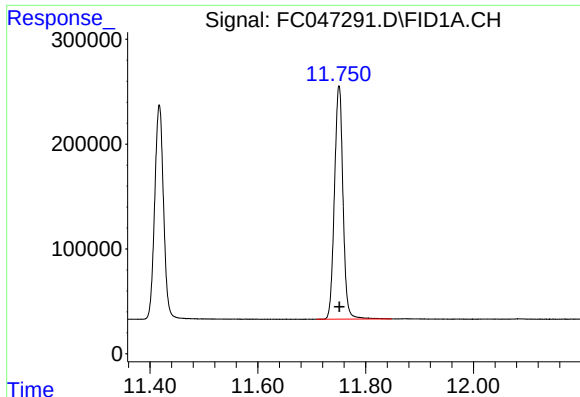
#7 n-Hexadecane (C16)

R.T.: 9.985 min
Delta R.T.: -0.001 min
Response: 2333130
Conc: 23.14 ug/ml



#8 n-Octadecane (C18)

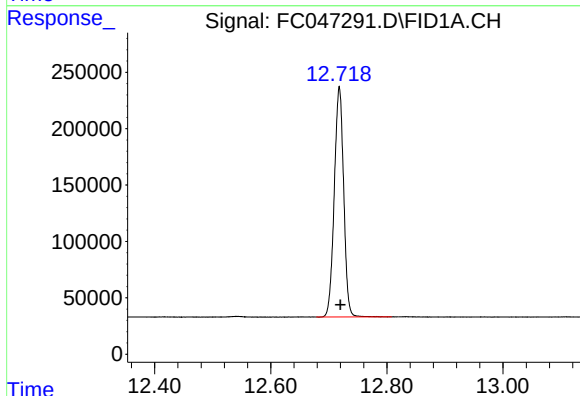
R.T.: 11.417 min
Delta R.T.: -0.002 min
Response: 2327757
Conc: 22.55 ug/ml



#9 ortho-Terphenyl (SURR)

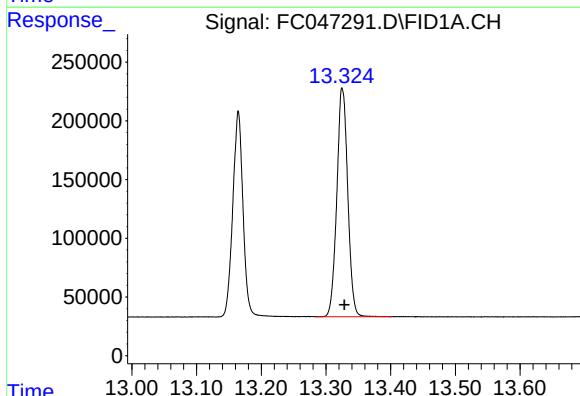
R.T.: 11.750 min
Delta R.T.: 0.000 min
Response: 2450946
Conc: 22.03 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



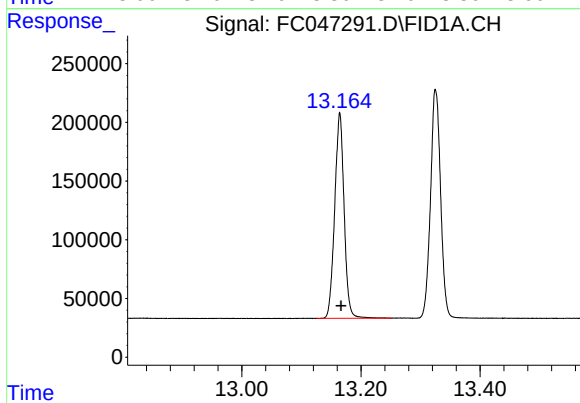
#10 n-Eicosane (C20)

R.T.: 12.718 min
Delta R.T.: -0.002 min
Response: 2292383
Conc: 21.85 ug/ml



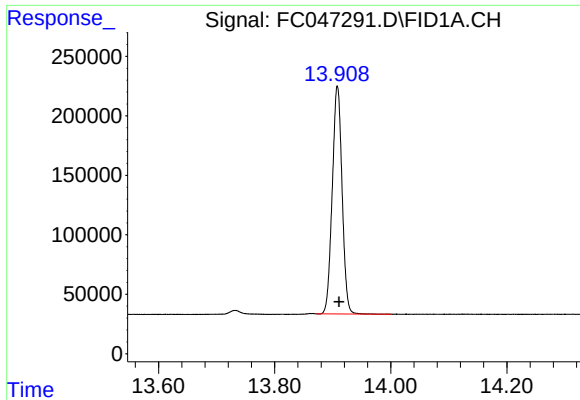
#11 n-Heneicosane (C21)

R.T.: 13.326 min
Delta R.T.: -0.003 min
Response: 2288360
Conc: 21.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.164 min
Delta R.T.: -0.002 min
Response: 1922957
Conc: 21.53 ug/ml



#13 n-Docosane (C22)

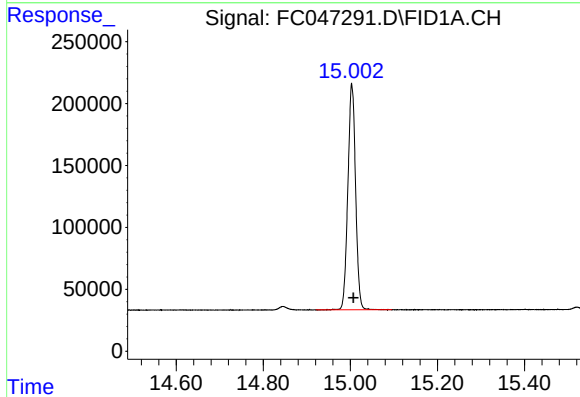
R.T.: 13.908 min

Delta R.T.: -0.003 min

Response: 2252681

Conc: 21.17 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



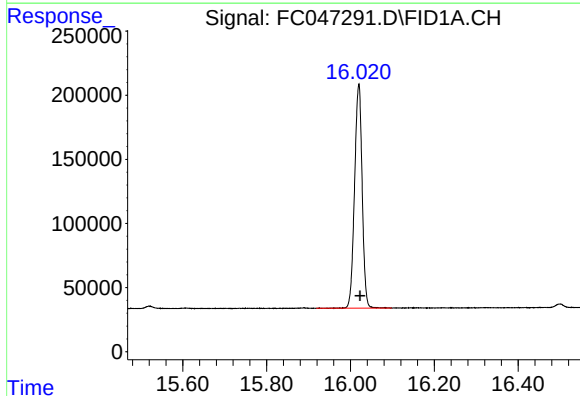
#14 n-Tetracosane (C24)

R.T.: 15.004 min

Delta R.T.: -0.004 min

Response: 2245987

Conc: 20.88 ug/ml



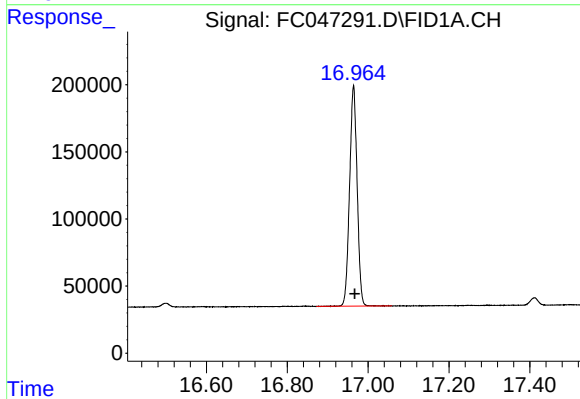
#15 n-Hexacosane (C26)

R.T.: 16.019 min

Delta R.T.: -0.004 min

Response: 2190701

Conc: 20.30 ug/ml



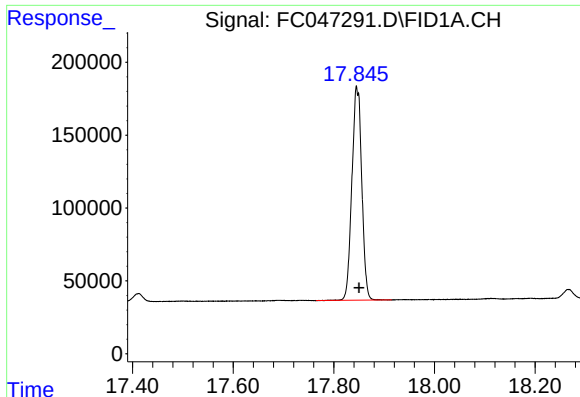
#16 n-Octacosane (C28)

R.T.: 16.964 min

Delta R.T.: -0.003 min

Response: 2129045

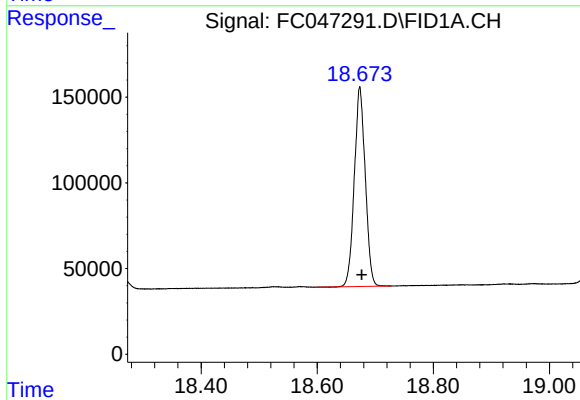
Conc: 19.92 ug/ml



#17 n-Tricontane (C30)

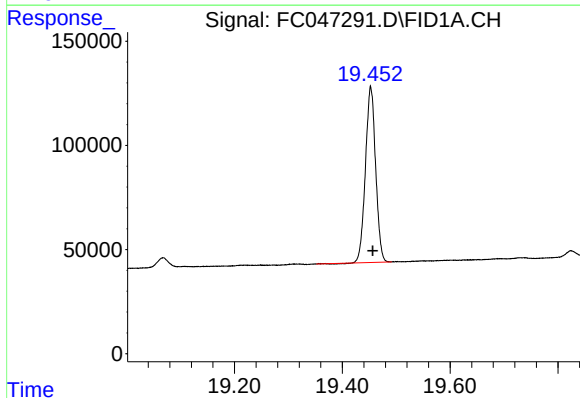
R.T.: 17.846 min
Delta R.T.: -0.004 min
Response: 1990385
Conc: 19.89 ug/ml

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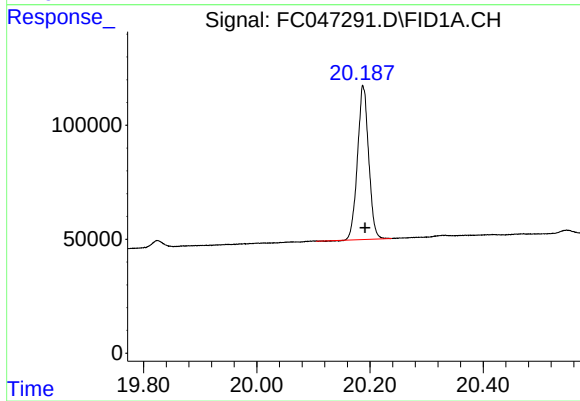
#18 n-Dotriacontane (C32)

R.T.: 18.674 min
Delta R.T.: -0.003 min
Response: 1524206
Conc: 20.00 ug/ml



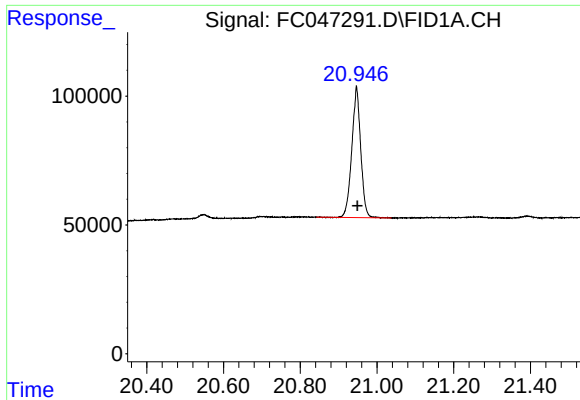
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min
Delta R.T.: -0.003 min
Response: 1102932
Conc: 19.63 ug/ml



#20 n-Hexatriacontane (C36)

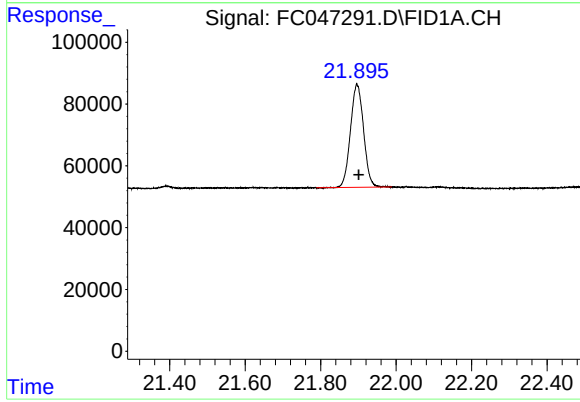
R.T.: 20.188 min
Delta R.T.: -0.003 min
Response: 920182
Conc: 18.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: -0.002 min
Response: 819789
Conc: 18.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.897 min
Delta R.T.: -0.005 min
Response: 805083
Conc: 17.16 ug/ml