

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120718AL\
 Data File : FC038078.D
 Signal(s) : FID1A.CH
 Acq On : 08 Dec 2018 11:50
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 10 04:48:44 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 111318.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 14 03:04:33 2018
 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)	11.283	2249333	20.616 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
12) S 1-chlorooctadecane (S...	12.726	1642175	19.153 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T n-Nonane (C9)	3.121	1673140	20.398 ug/ml
2) T n-Decane (C10)	4.180	1739876	21.115 ug/ml
3) T A~Naphthalene (C11.7)	5.741	2106415	22.576 ug/ml
4) T n-Dodecane (C12)	6.184	1816372	21.376 ug/ml
5) T A~2-methylnaphthalene...	6.788	2079203	21.887 ug/ml
6) T n-Tetradecane (C14)	7.965	1861162	20.813 ug/ml
7) T n-Hexadecane (C16)	9.555	1889634	20.369 ug/ml
8) T n-Octadecane (C18)	10.987	1889404	19.232 ug/ml
10) T n-Eicosane (C20)	12.289	1897432	18.989 ug/ml
11) T n-Heneicosane (C21)	12.896	1888534	19.107 ug/ml
13) T n-Docosane (C22)	13.481	1882156	18.765 ug/ml
14) T n-Tetracosane (C24)	14.578	1876046	18.464 ug/ml
15) T n-Hexacosane (C26)	15.592	1846678	18.256 ug/ml
16) T n-Octacosane (C28)	16.538	1808891	18.081 ug/mlm
17) T n-Tricontane (C30)	17.422	1750255	17.822 ug/ml
18) T n-Dotriacontane (C32)	18.251	1615539	17.582 ug/ml
19) T n-Tetratriacontane (C34)	19.029	1345261	16.820 ug/ml
20) T n-Hexatriacontane (C36)	19.764	1202087	16.714 ug/mlm
21) T n-Octatriacontane (C38)	20.467	1175042	16.699 ug/mlm
22) T n-Tetracontane (C40)	21.271	1220559	17.047 ug/mlm

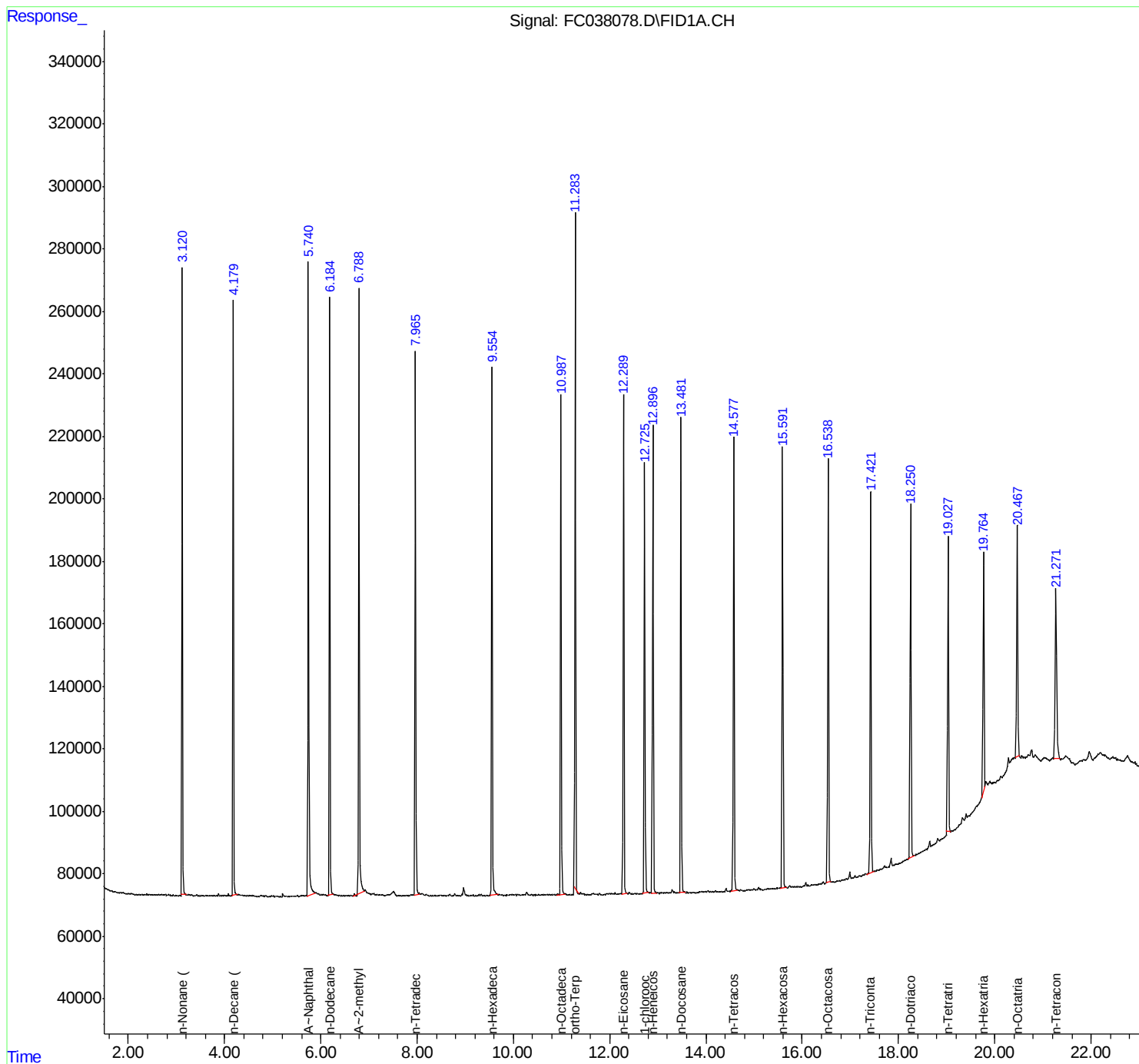
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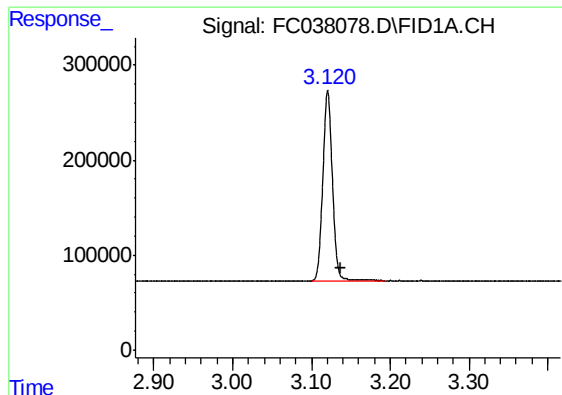
(m)=manual int.

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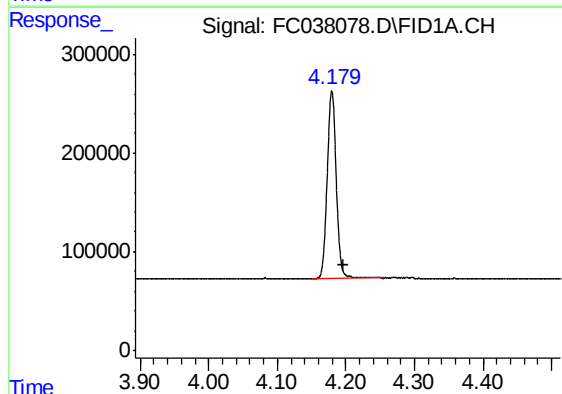
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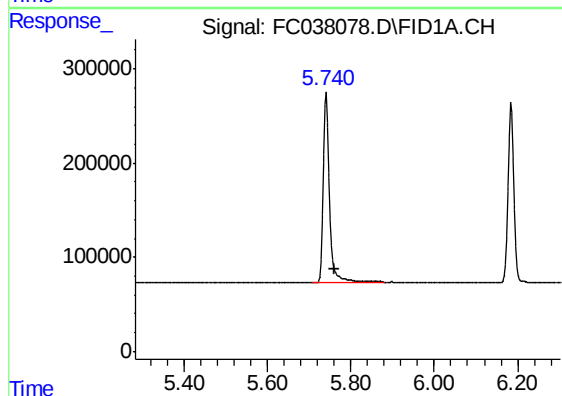
#1 n-Nonane (C9)

R.T.: 3.121 min
Delta R.T.: -0.016 min
Response: 1673140
Conc: 20.40 ug/ml



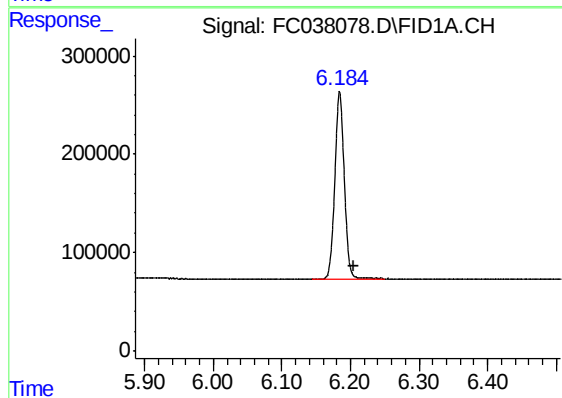
#2 n-Decane (C10)

R.T.: 4.180 min
Delta R.T.: -0.017 min
Response: 1739876
Conc: 21.12 ug/ml



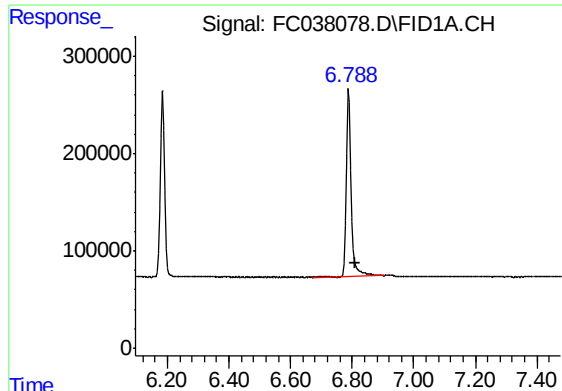
#3 A~Naphthalene (C11.7)

R.T.: 5.741 min
Delta R.T.: -0.020 min
Response: 2106415
Conc: 22.58 ug/ml



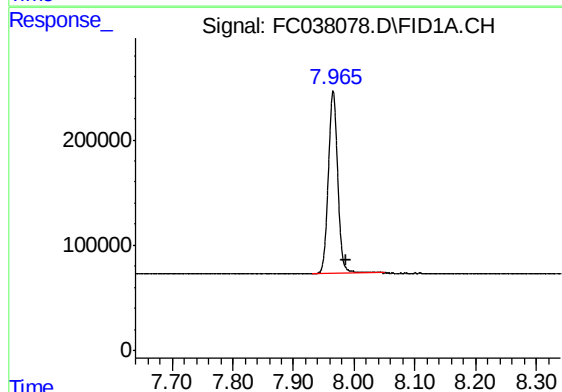
#4 n-Dodecane (C12)

R.T.: 6.184 min
Delta R.T.: -0.019 min
Response: 1816372
Conc: 21.38 ug/ml



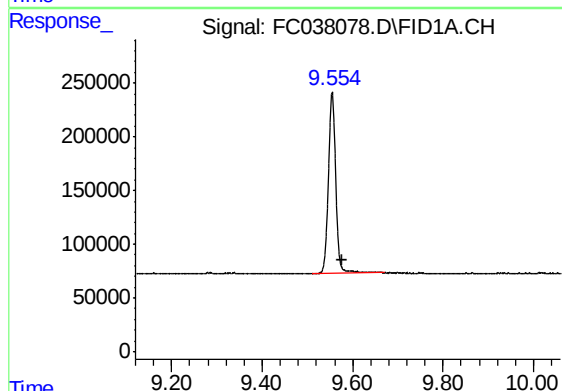
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.788 min
Delta R.T.: -0.021 min
Response: 2079203
Conc: 21.89 ug/ml



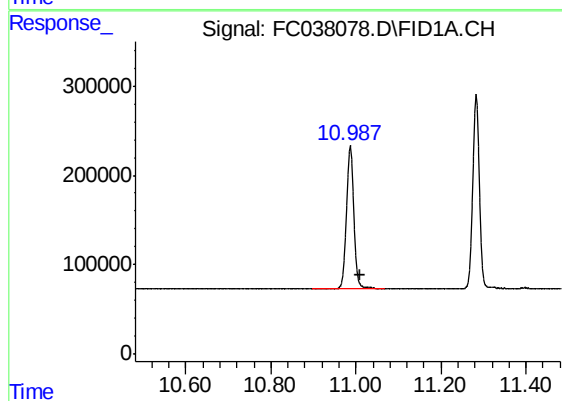
#6 n-Tetradecane (C14)

R.T.: 7.965 min
Delta R.T.: -0.021 min
Response: 1861162
Conc: 20.81 ug/ml



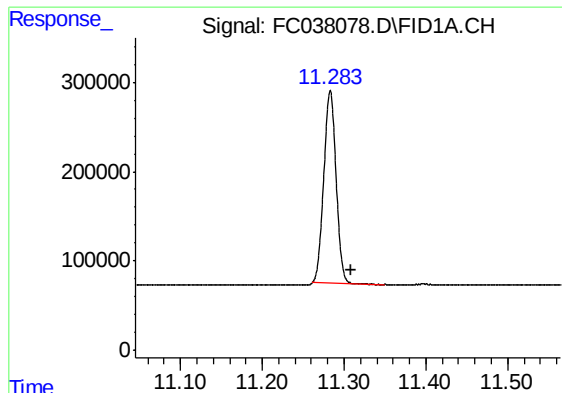
#7 n-Hexadecane (C16)

R.T.: 9.555 min
Delta R.T.: -0.022 min
Response: 1889634
Conc: 20.37 ug/ml



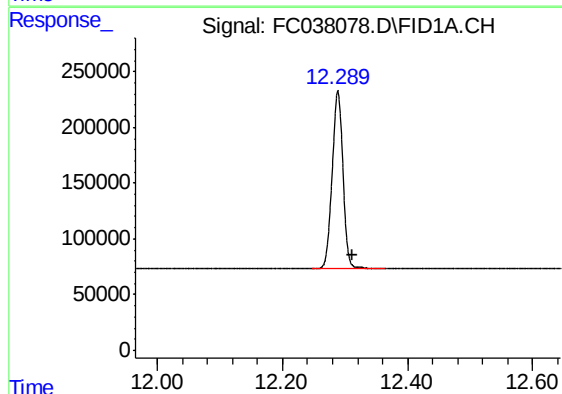
#8 n-Octadecane (C18)

R.T.: 10.987 min
Delta R.T.: -0.022 min
Response: 1889404
Conc: 19.23 ug/ml



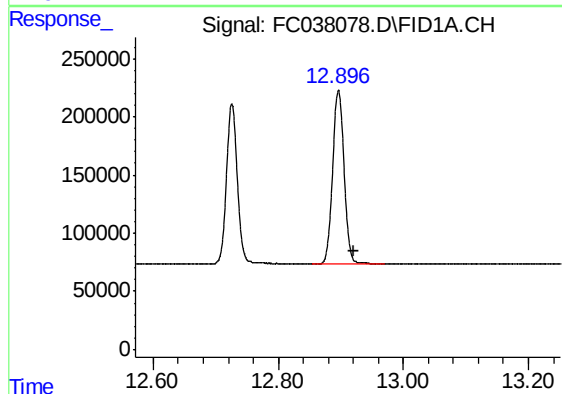
#9 ortho-Terphenyl (SURR)

R.T.: 11.283 min
Delta R.T.: -0.025 min
Response: 2249333
Conc: 20.62 ug/ml



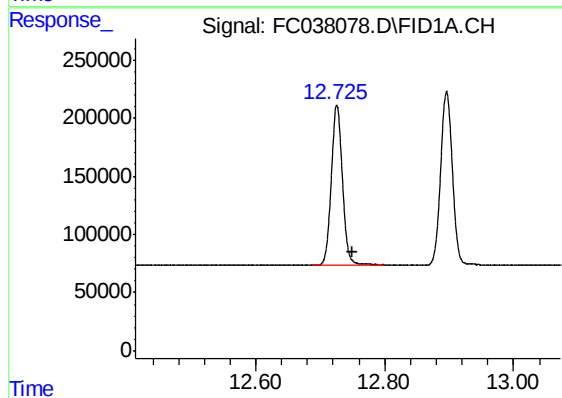
#10 n-Eicosane (C20)

R.T.: 12.289 min
Delta R.T.: -0.023 min
Response: 1897432
Conc: 18.99 ug/ml



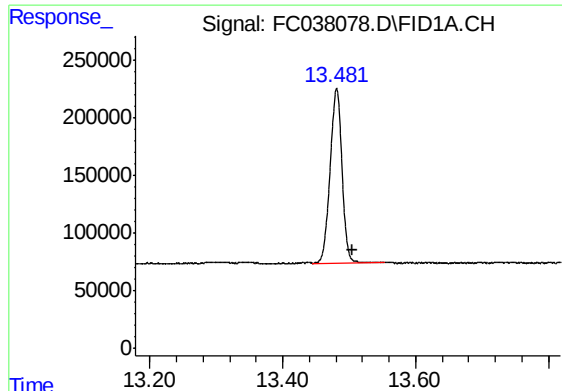
#11 n-Heneicosane (C21)

R.T.: 12.896 min
Delta R.T.: -0.024 min
Response: 1888534
Conc: 19.11 ug/ml



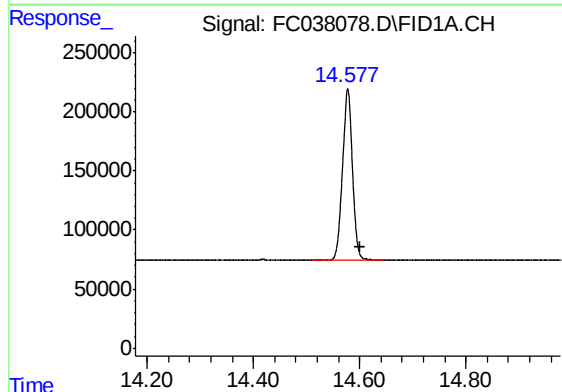
#12 1-chlorooctadecane (SURR)

R.T.: 12.726 min
Delta R.T.: -0.024 min
Response: 1642175
Conc: 19.15 ug/ml



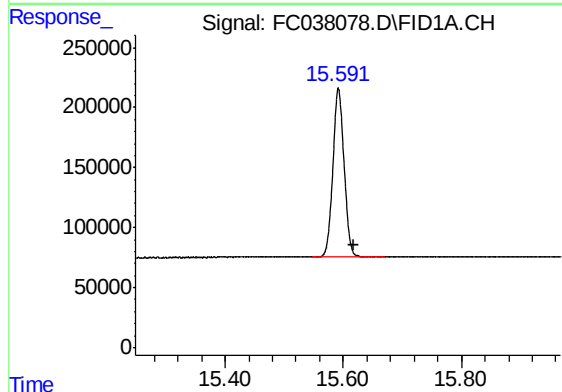
#13 n-Docosane (C22)

R.T.: 13.481 min
Delta R.T.: -0.023 min
Response: 1882156
Conc: 18.76 ug/ml



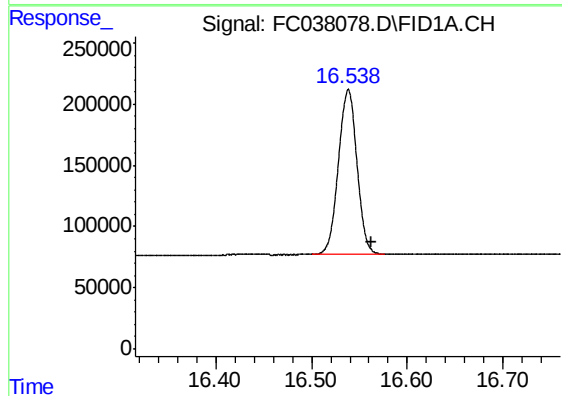
#14 n-Tetracosane (C24)

R.T.: 14.578 min
Delta R.T.: -0.024 min
Response: 1876046
Conc: 18.46 ug/ml



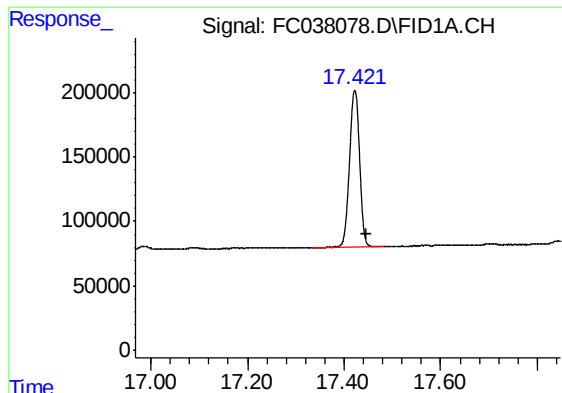
#15 n-Hexacosane (C26)

R.T.: 15.592 min
Delta R.T.: -0.026 min
Response: 1846678
Conc: 18.26 ug/ml



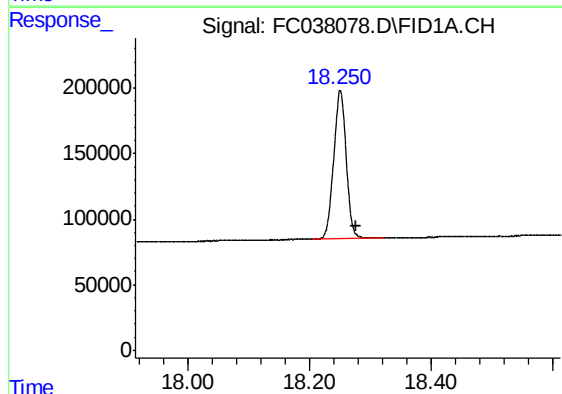
#16 n-Octacosane (C28)

R.T.: 16.538 min
Delta R.T.: -0.024 min
Response: 1808891
Conc: 18.08 ug/ml m



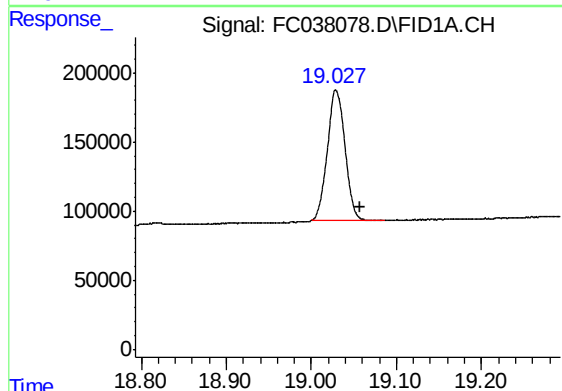
#17 n-Tricontane (C30)

R.T.: 17.422 min
Delta R.T.: -0.024 min
Response: 1750255
Conc: 17.82 ug/ml



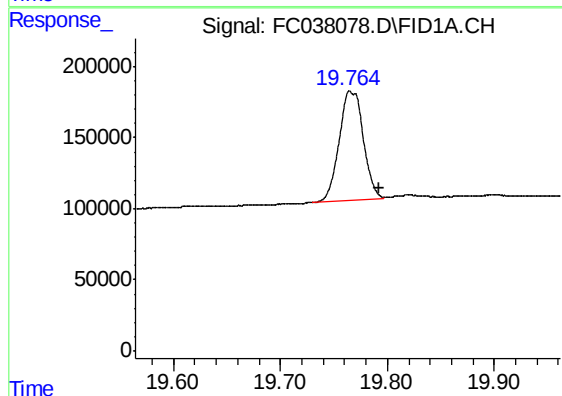
#18 n-Dotriacontane (C32)

R.T.: 18.251 min
Delta R.T.: -0.026 min
Response: 1615539
Conc: 17.58 ug/ml



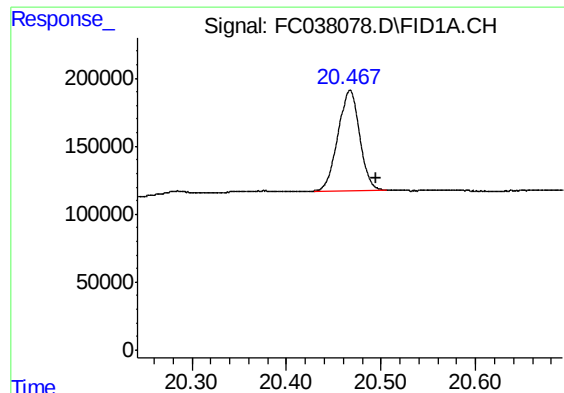
#19 n-Tetatriacontane (C34)

R.T.: 19.029 min
Delta R.T.: -0.028 min
Response: 1345261
Conc: 16.82 ug/ml



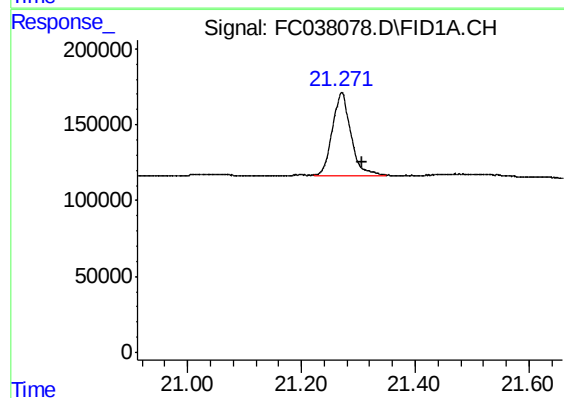
#20 n-Hexatriacontane (C36)

R.T.: 19.764 min
Delta R.T.: -0.029 min
Response: 1202087
Conc: 16.71 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.467 min
Delta R.T.: -0.029 min
Response: 1175042
Conc: 16.70 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.271 min
Delta R.T.: -0.036 min
Response: 1220559
Conc: 17.05 ug/ml m