

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112018AL\
 Data File : FC037788.D
 Signal(s) : FID1A.CH
 Acq On : 20 Nov 2018 22:38
 Operator : AJ\SJ
 Sample : J6003-05 MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 NON-UST-03R-AMSD

Manual Integrations
 APPROVED

mohammad
 11/23/2018 10:48:47 AM

Integration File: autoint1.e
 Quant Time: Nov 21 07:02:39 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)	11.313	4828962	44.260 ug/ml
Spiked Amount 50.000		Recovery =	88.52%
12) S 1-chlorooctadecane (S...	12.750	4147193	48.370 ug/ml
Spiked Amount 50.000		Recovery =	96.74%
Target Compounds			
1) T n-Nonane (C9)	3.133	2888816	35.220 ug/ml
2) T n-Decane (C10)	4.193	3733914	45.316 ug/ml
3) T A-Naphthalene (C11.7)	5.756	5000427	53.592 ug/mlm
4) T n-Dodecane (C12)	6.204	6693106	78.768 ug/mlm
5) T A~2-methylnaphthalene...	6.818	22928868	241.367 ug/mlm
6) T n-Tetradecane (C14)	7.993	4457370	49.846 ug/mlm
7) T n-Hexadecane (C16)	9.581	8573011	92.413 ug/mlm
8) T n-Octadecane (C18)	11.016	6644605	67.636 ug/mlm
10) T n-Eicosane (C20)	12.312	4879998	48.839 ug/mlm
11) T n-Heneicosane (C21)	12.919	5208815	52.699 ug/ml
13) T n-Docosane (C22)	13.501	4910344	48.956 ug/ml
14) T n-Tetracosane (C24)	14.596	4806156	47.302 ug/ml
15) T n-Hexacosane (C26)	15.614	4685947	46.324 ug/ml
16) T n-Octacosane (C28)	16.558	4609396	46.073 ug/ml
17) T n-Tricontane (C30)	17.443	4694625	47.803 ug/ml
18) T n-Dotriacontane (C32)	18.270	4541782	49.429 ug/ml
19) T n-Tetratriacontane (C34)	19.051	4245365	53.079 ug/ml
20) T n-Hexatriacontane (C36)	19.789	3669058	51.015 ug/ml
21) T n-Octatriacontane (C38)	20.488	3255306	46.262 ug/ml
22) T n-Tetracontane (C40)	21.300	3180385	44.419 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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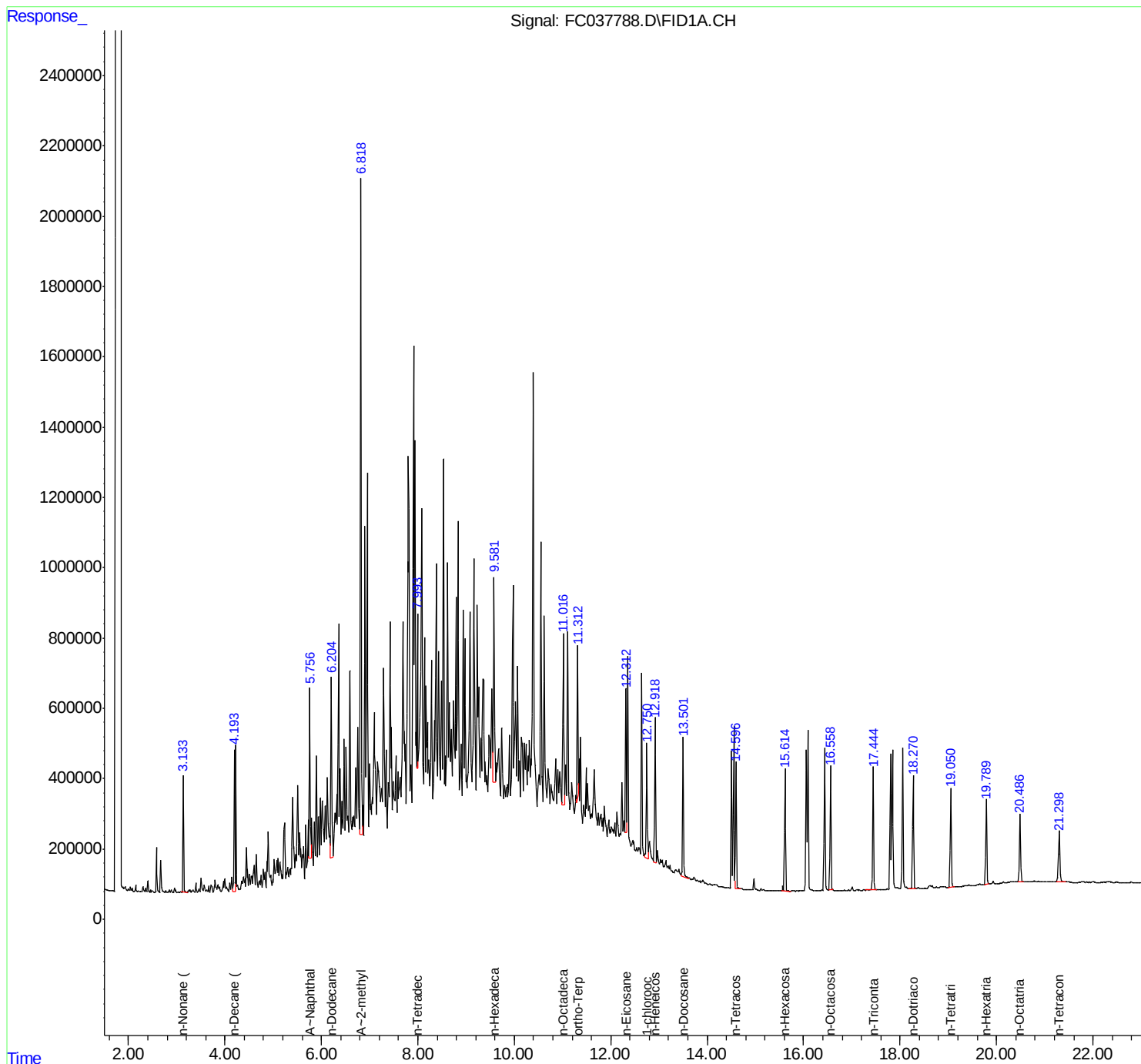
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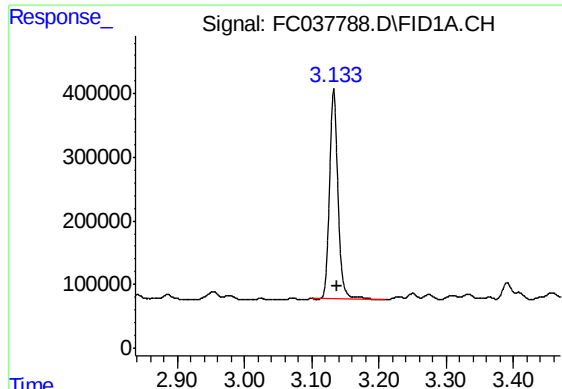
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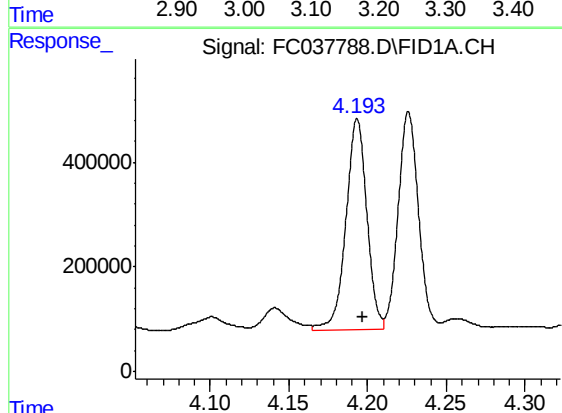
#1 n-Nonane (C9)

R.T.: 3.133 min
Delta R.T.: -0.004 min
Response: 2888816
Conc: 35.22 ug/ml

Instrument :
FID_C
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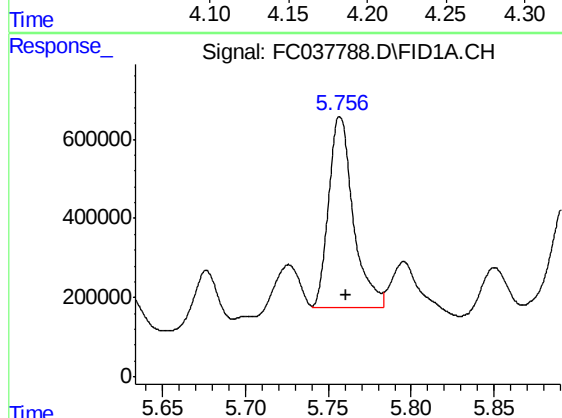
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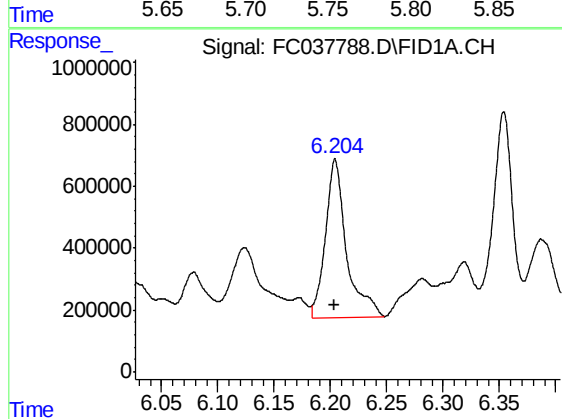
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: -0.004 min
Response: 3733914
Conc: 45.32 ug/ml



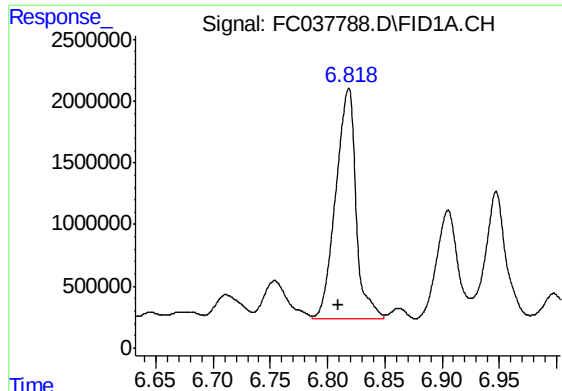
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.004 min
Response: 5000427
Conc: 53.59 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 6693106
Conc: 78.77 ug/ml m



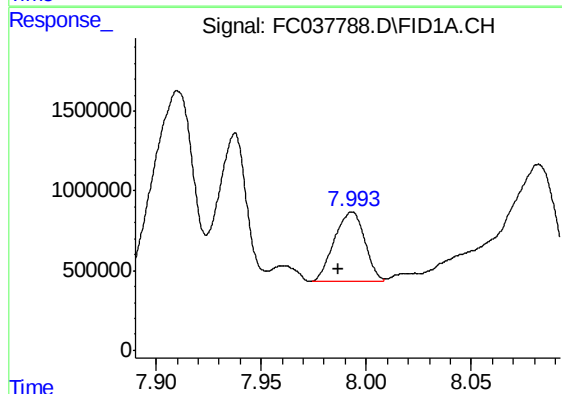
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.818 min
Delta R.T.: 0.009 min
Response: 22928868
Conc: 241.37 ug/ml m

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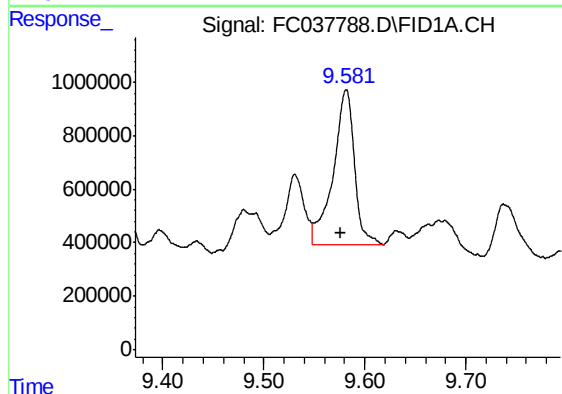
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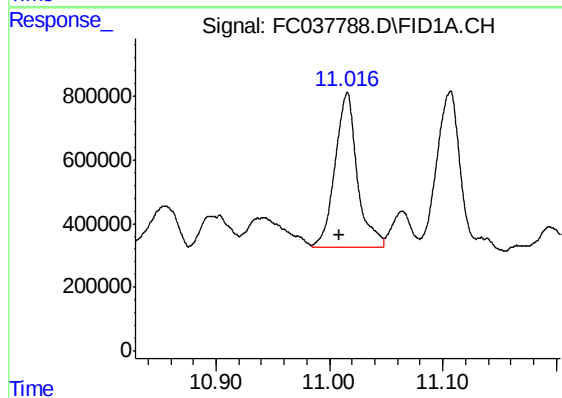
#6 n-Tetradecane (C14)

R.T.: 7.993 min
Delta R.T.: 0.006 min
Response: 4457370
Conc: 49.85 ug/ml m



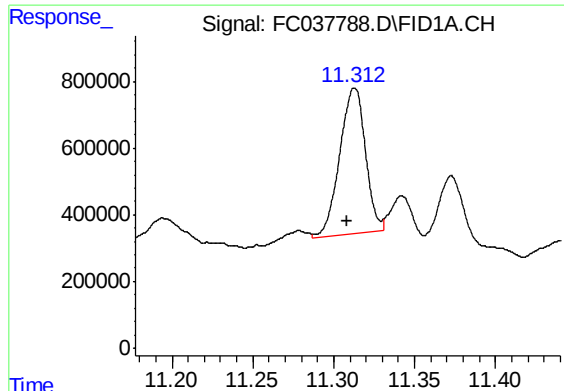
#7 n-Hexadecane (C16)

R.T.: 9.581 min
Delta R.T.: 0.005 min
Response: 8573011
Conc: 92.41 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.016 min
Delta R.T.: 0.006 min
Response: 6644605
Conc: 67.64 ug/ml m



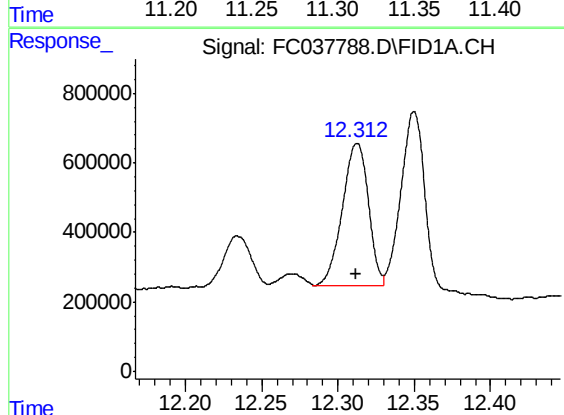
#9 ortho-Terphenyl (SURR)

R.T.: 11.313 min
Delta R.T.: 0.004 min
Response: 4828962
Conc: 44.26 ug/ml

Instrument :
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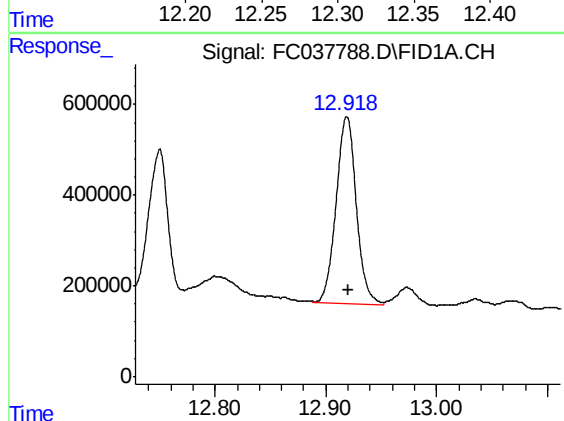
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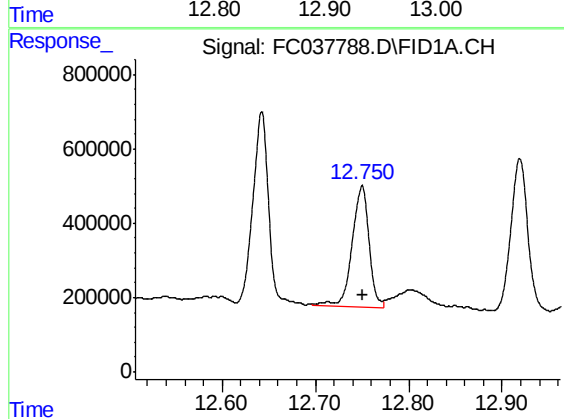
#10 n-Eicosane (C20)

R.T.: 12.312 min
Delta R.T.: 0.000 min
Response: 4879998
Conc: 48.84 ug/ml m



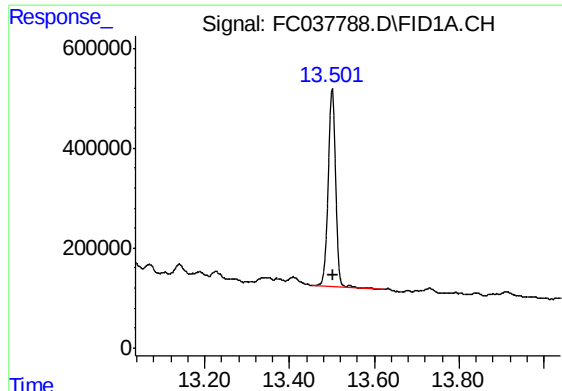
#11 n-Heneicosane (C21)

R.T.: 12.919 min
Delta R.T.: -0.001 min
Response: 5208815
Conc: 52.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.750 min
Delta R.T.: 0.000 min
Response: 4147193
Conc: 48.37 ug/ml



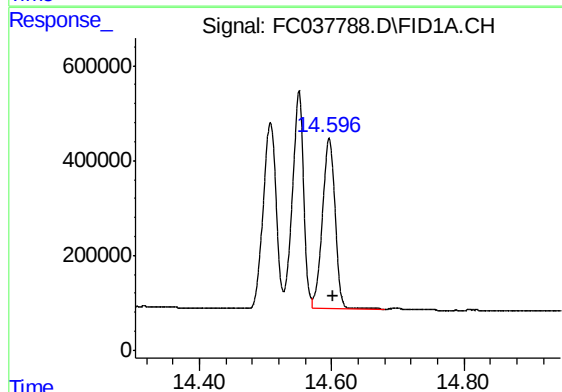
#13 n-Docosane (C22)

R.T.: 13.501 min
Delta R.T.: -0.003 min
Response: 4910344
Conc: 48.96 ug/ml

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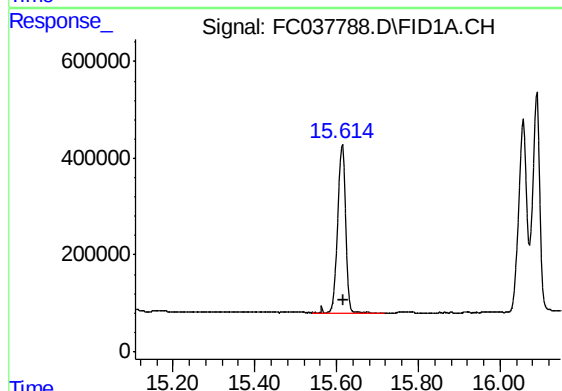
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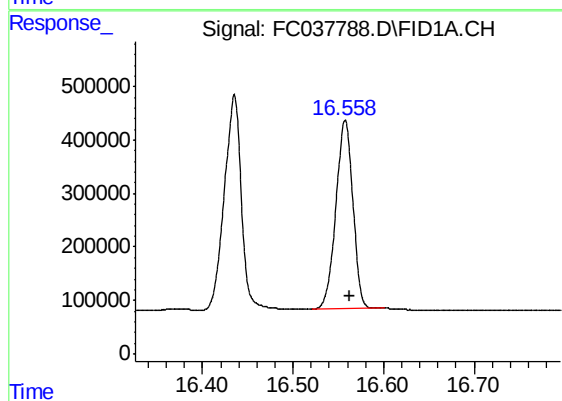
#14 n-Tetracosane (C24)

R.T.: 14.596 min
Delta R.T.: -0.005 min
Response: 4806156
Conc: 47.30 ug/ml



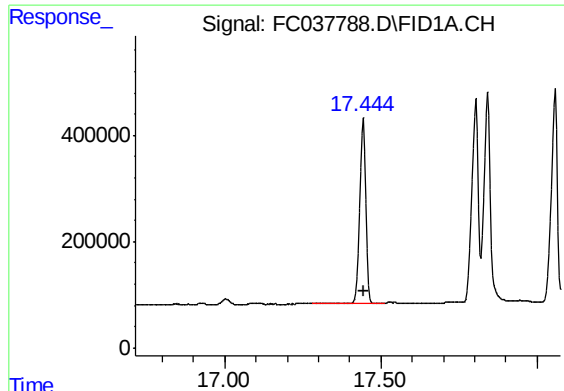
#15 n-Hexacosane (C26)

R.T.: 15.614 min
Delta R.T.: -0.004 min
Response: 4685947
Conc: 46.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.558 min
Delta R.T.: -0.005 min
Response: 4609396
Conc: 46.07 ug/ml



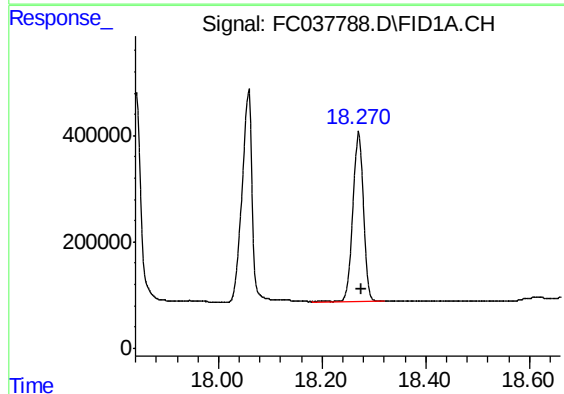
#17 n-Tricontane (C30)

R.T.: 17.443 min
Delta R.T.: -0.003 min
Response: 4694625
Conc: 47.80 ug/ml

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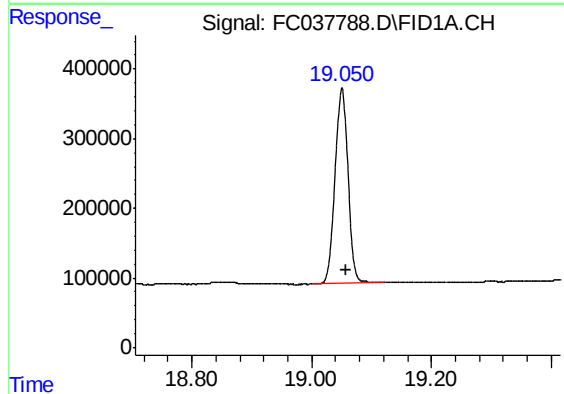
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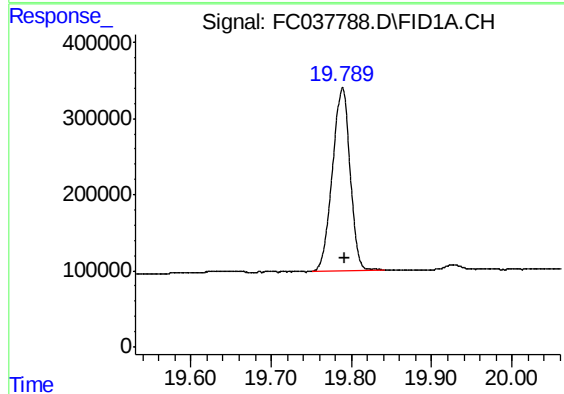
#18 n-Dotriacontane (C32)

R.T.: 18.270 min
Delta R.T.: -0.006 min
Response: 4541782
Conc: 49.43 ug/ml



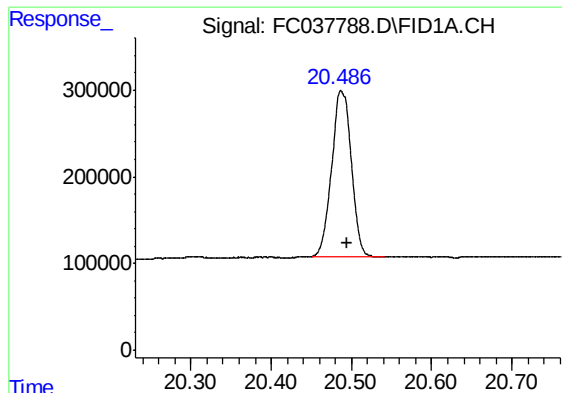
#19 n-Tetratriacontane (C34)

R.T.: 19.051 min
Delta R.T.: -0.006 min
Response: 4245365
Conc: 53.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.789 min
Delta R.T.: -0.004 min
Response: 3669058
Conc: 51.02 ug/ml



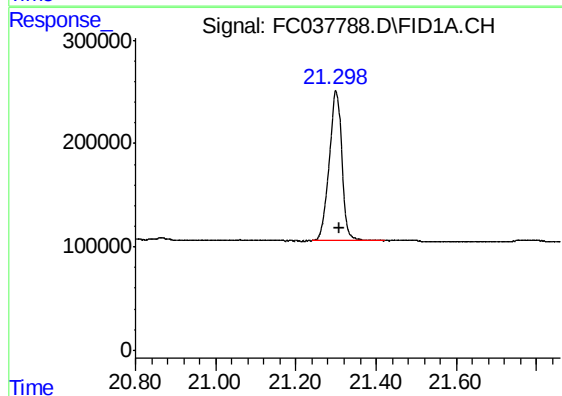
#21 n-Octatriacontane (C38)

R.T.: 20.488 min
Delta R.T.: -0.007 min
Response: 3255306
Conc: 46.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.300 min
Delta R.T.: -0.008 min
Response: 3180385
Conc: 44.42 ug/ml