

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112119AL\
 Data File : FD031634.D
 Signal(s) : FID2B.CH
 Acq On : 21 Nov 2019 20:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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Integration File: sample.E
 Quant Time: Nov 22 01:30:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 06:45:13 2019
 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)	11.549	3121663	20.515 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
12) S 1-chlorooctadecane (S...	12.979	2336897	20.565 ug/ml
Spiked Amount 50.000		Recovery =	41.13%
Target Compounds			
1) T n-Nonane (C9)	3.340	2988569	22.529 ug/ml
2) T n-Decane (C10)	4.405	3027767	22.701 ug/ml
3) T A-Naphthalene (C11.7)	5.985	3348602	22.357 ug/ml
4) T n-Dodecane (C12)	6.417	3015241	22.390 ug/ml
5) T A~2-methylnaphthalene...	7.038	3358424	22.158 ug/ml
6) T n-Tetradecane (C14)	8.205	2965132	22.005 ug/ml
7) T n-Hexadecane (C16)	9.798	2904986	21.667 ug/ml
8) T n-Octadecane (C18)	11.234	2853104	21.391 ug/ml
10) T n-Eicosane (C20)	12.537	2797883	21.211 ug/ml
11) T n-Heneicosane (C21)	13.146	2733153	20.655 ug/ml
13) T n-Docosane (C22)	13.729	2777409	21.152 ug/ml
14) T n-Tetracosane (C24)	14.827	2854498	21.814 ug/ml
15) T n-Hexacosane (C26)	15.843	3007670	23.281 ug/ml
16) T n-Octacosane (C28)	16.787	3145785	24.583 ug/ml
17) T n-Tricontane (C30)	17.670	3133300	24.564 ug/ml
18) T n-Dotriacontane (C32)	18.497	2975028	24.116 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2690126	22.489 ug/ml
20) T n-Hexatriacontane (C36)	20.011	2599858	22.779 ug/ml
21) T n-Octatriacontane (C38)	20.730	2441581	23.247 ug/ml
22) T n-Tetracontane (C40)	21.606	2539312	23.647 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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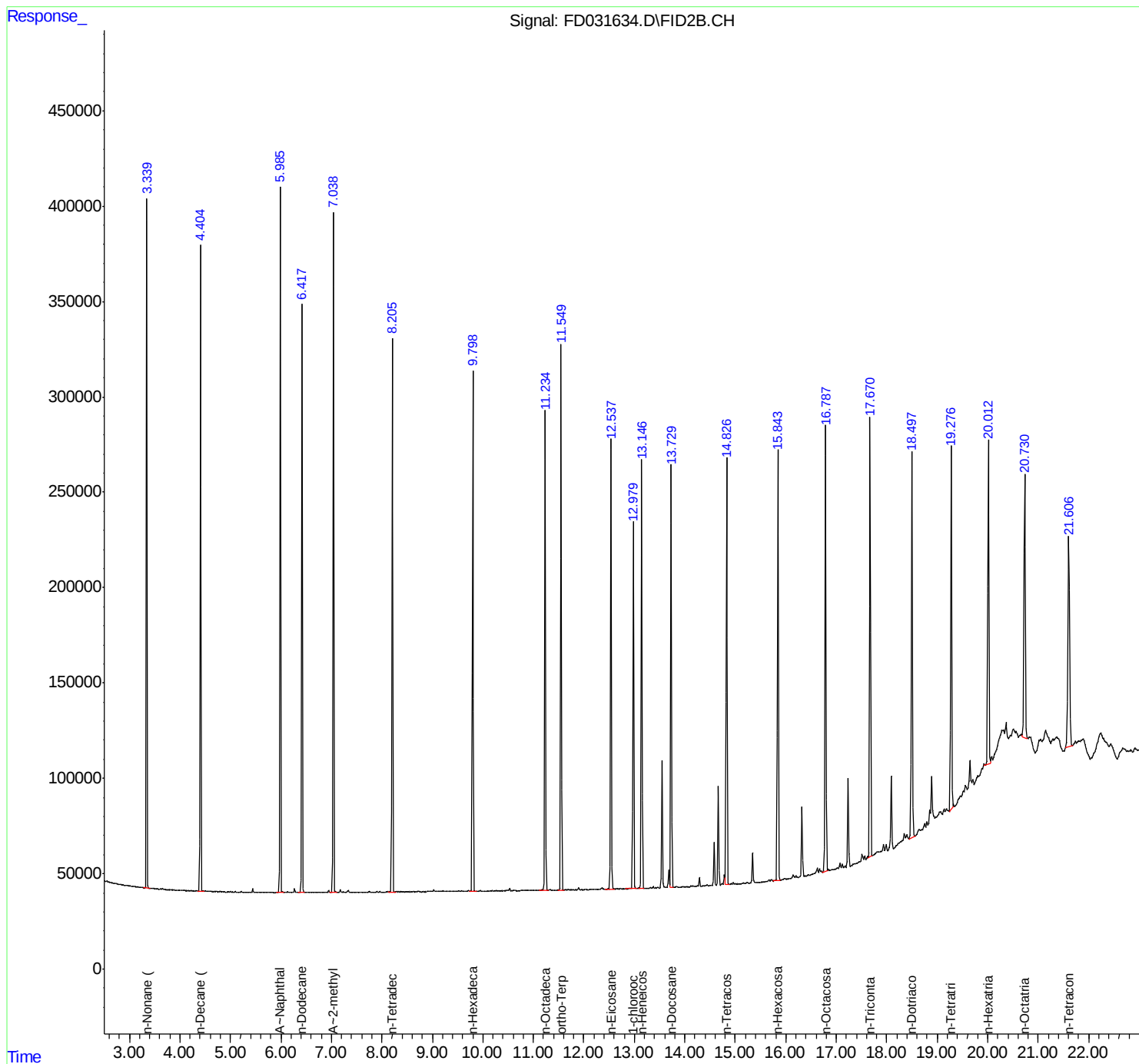
Instrument :
FID_D
ClientSampleId :

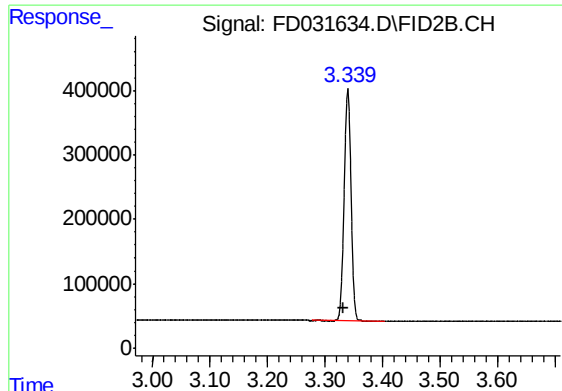
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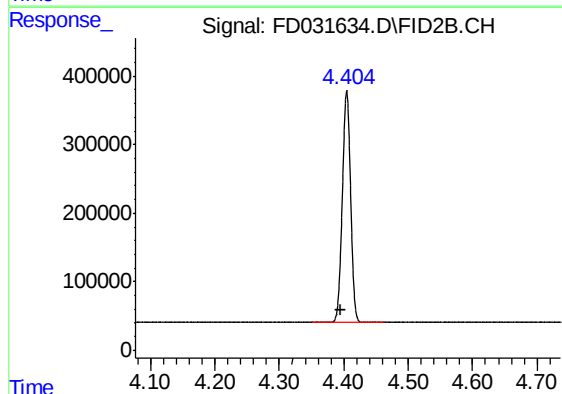
#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: 0.008 min
Response: 2988569
Conc: 22.53 ug/ml

Instrument :
FID_D
ClientSampleId :

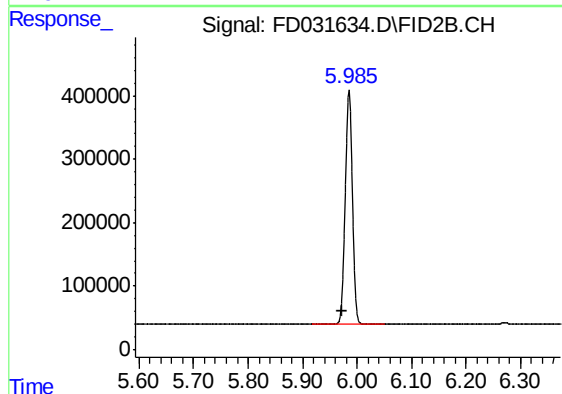
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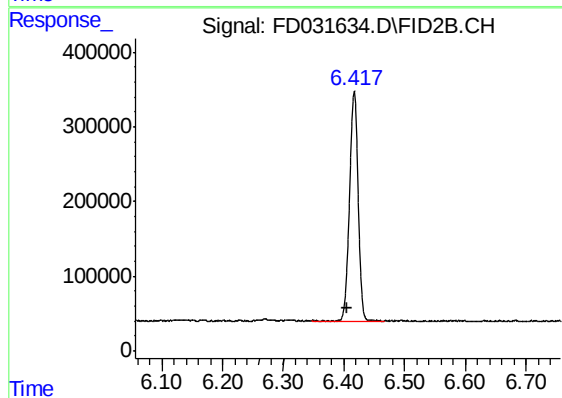
#2 n-Decane (C10)

R.T.: 4.405 min
Delta R.T.: 0.009 min
Response: 3027767
Conc: 22.70 ug/ml



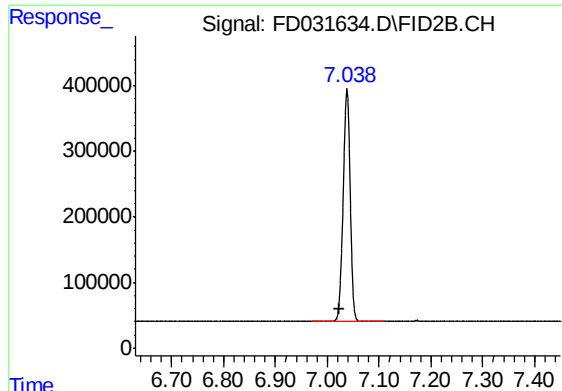
#3 A~Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: 0.013 min
Response: 3348602
Conc: 22.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.417 min
Delta R.T.: 0.011 min
Response: 3015241
Conc: 22.39 ug/ml



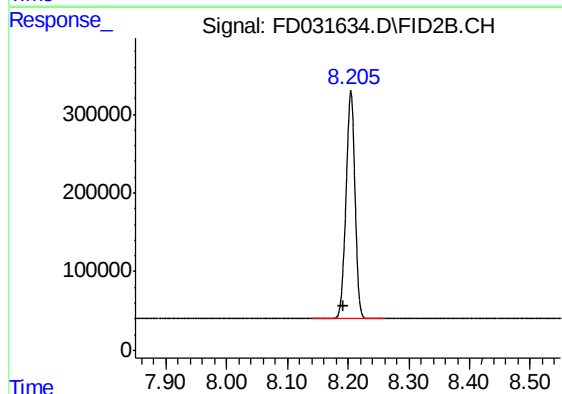
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: 0.015 min
Response: 3358424
Conc: 22.16 ug/ml

Instrument :
FID_D
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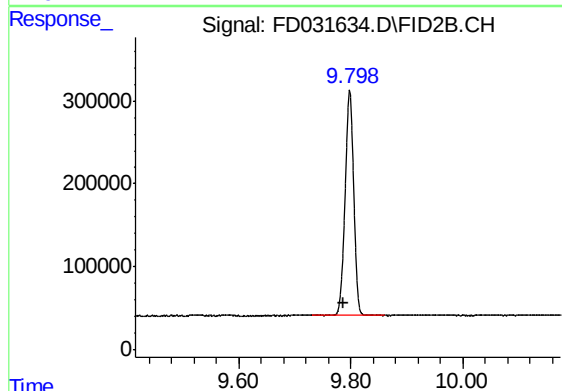
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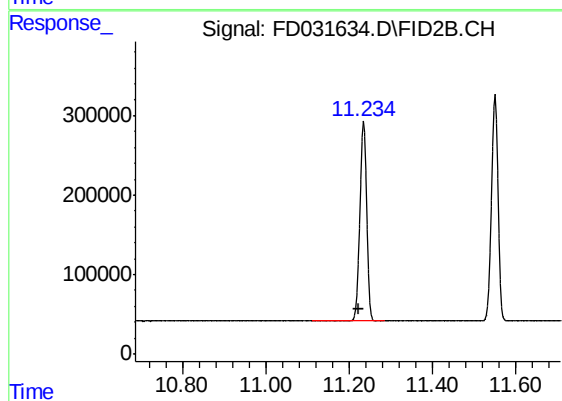
#6 n-Tetradecane (C14)

R.T.: 8.205 min
Delta R.T.: 0.012 min
Response: 2965132
Conc: 22.01 ug/ml



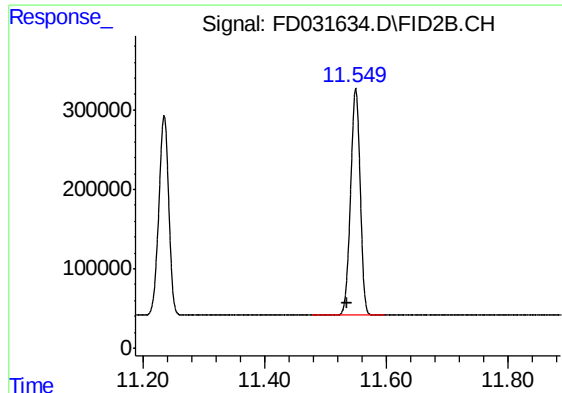
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: 0.011 min
Response: 2904986
Conc: 21.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.234 min
Delta R.T.: 0.012 min
Response: 2853104
Conc: 21.39 ug/ml



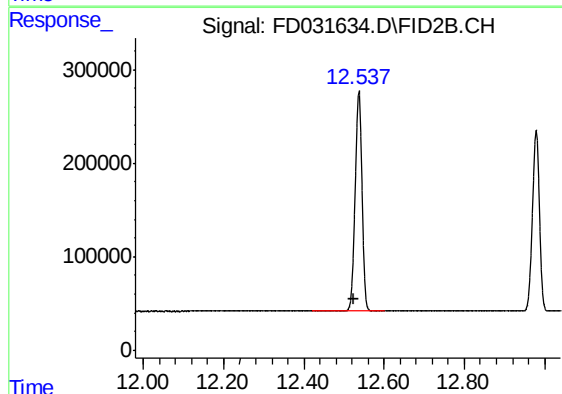
#9 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.014 min
Response: 3121663
Conc: 20.52 ug/ml

Instrument :
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ClientSampleId :

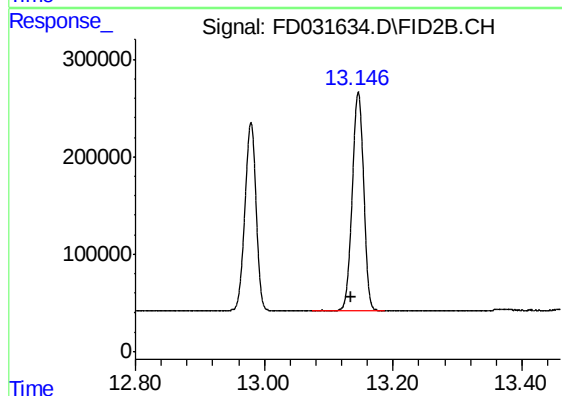
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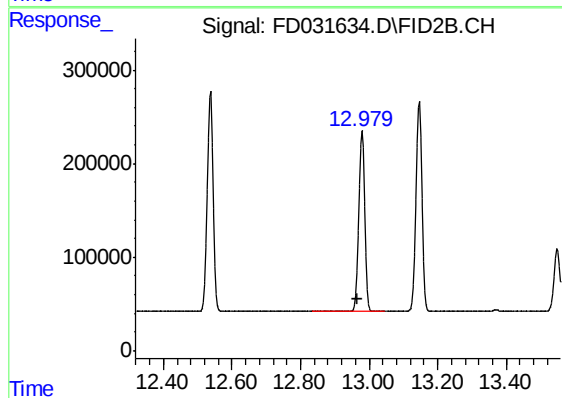
#10 n-Eicosane (C20)

R.T.: 12.537 min
Delta R.T.: 0.012 min
Response: 2797883
Conc: 21.21 ug/ml



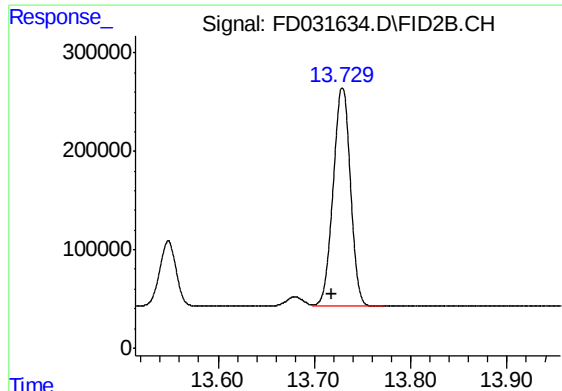
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: 0.012 min
Response: 2733153
Conc: 20.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.979 min
Delta R.T.: 0.013 min
Response: 2336897
Conc: 20.56 ug/ml



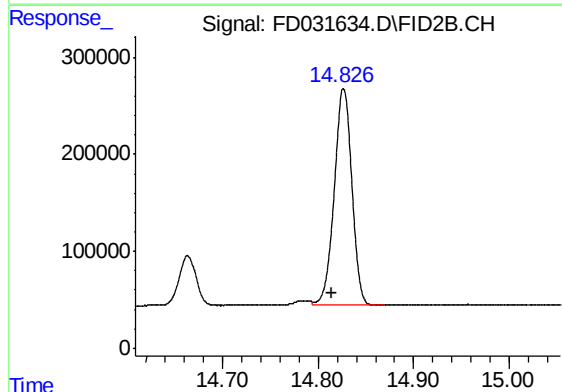
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: 0.012 min
Response: 2777409
Conc: 21.15 ug/ml

Instrument :
FID_D
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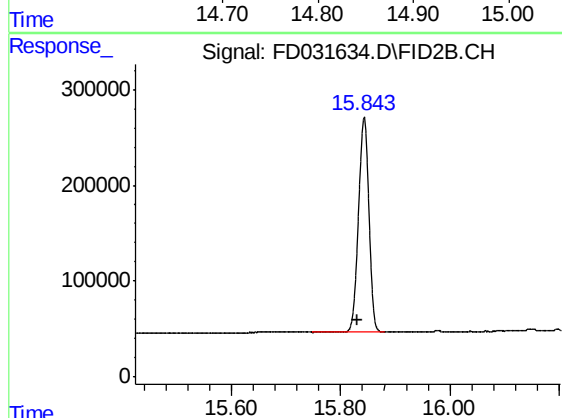
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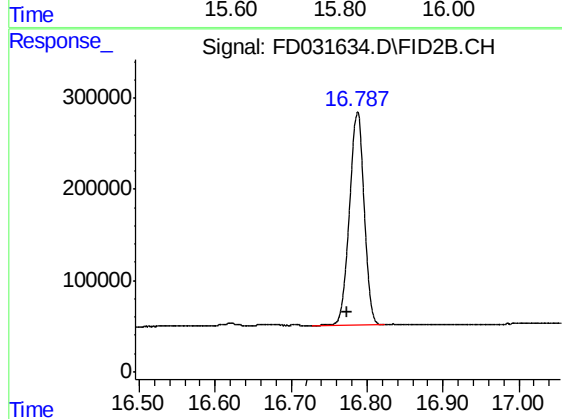
#14 n-Tetracosane (C24)

R.T.: 14.827 min
Delta R.T.: 0.012 min
Response: 2854498
Conc: 21.81 ug/ml



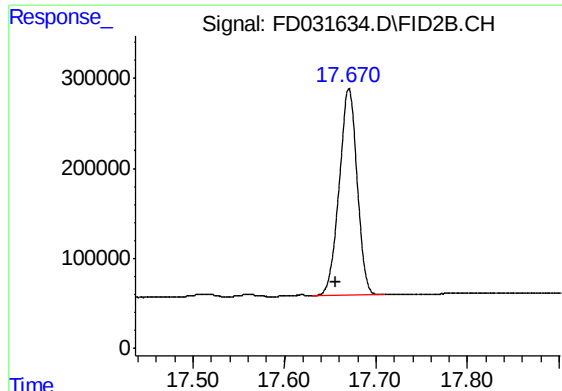
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: 0.012 min
Response: 3007670
Conc: 23.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.787 min
Delta R.T.: 0.013 min
Response: 3145785
Conc: 24.58 ug/ml



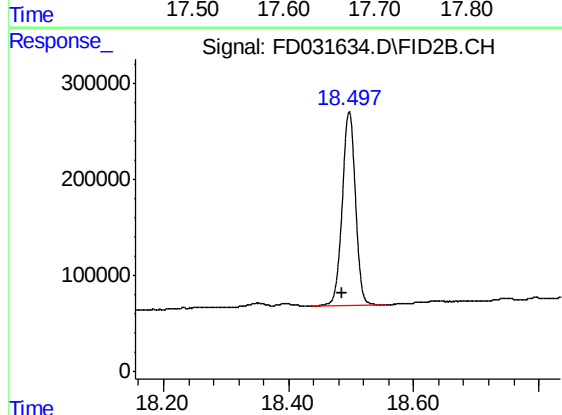
#17 n-Tricontane (C30)

R.T.: 17.670 min
Delta R.T.: 0.014 min
Response: 3133300
Conc: 24.56 ug/ml

Instrument :
FID_D
ClientSampleId :

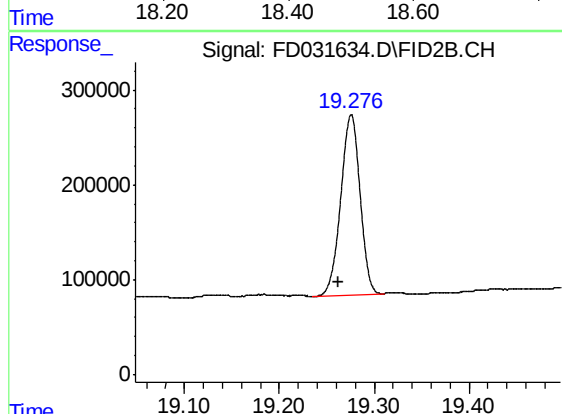
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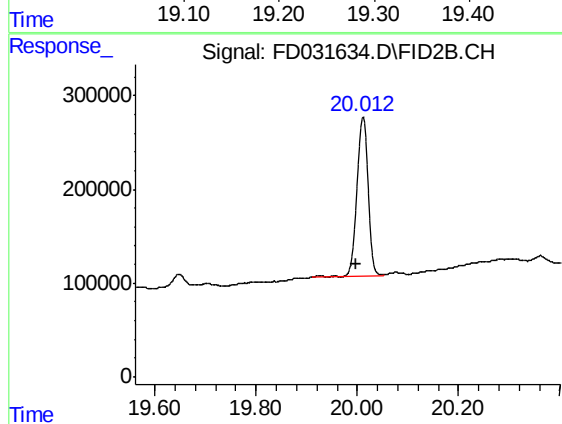
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: 0.012 min
Response: 2975028
Conc: 24.12 ug/ml



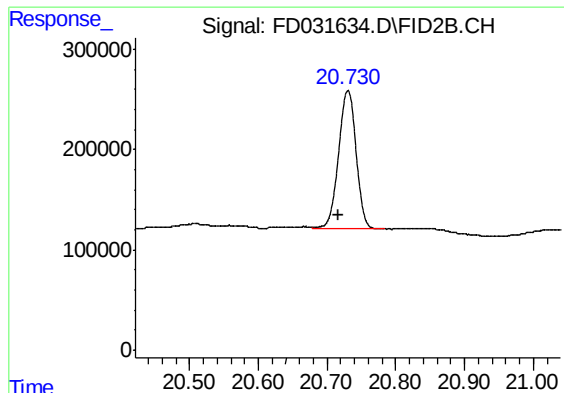
#19 n-Tetatriacontane (C34)

R.T.: 19.276 min
Delta R.T.: 0.013 min
Response: 2690126
Conc: 22.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: 0.013 min
Response: 2599858
Conc: 22.78 ug/ml



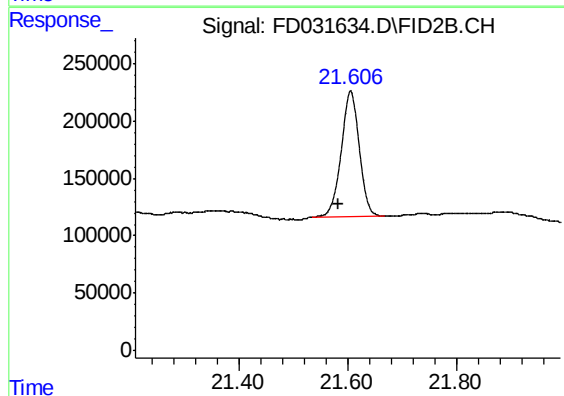
#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: 0.015 min
Response: 2441581
Conc: 23.25 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: 0.023 min
Response: 2539312
Conc: 23.65 ug/ml m