

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062718AL\
 Data File : FE027981.D
 Signal(s) : FID1B.CH
 Acq On : 28 Jun 2018 10:11
 Operator : UA/AJ
 Sample : J3573-02MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

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 6/28/2018 1:17:11 PM

Integration File: autoint1.e
 Quant Time: Jun 28 12:24:58 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 062618.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 27 09:03:43 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			
12) S 1-chlorooctadecane (S...	13.397	10565909	37.046 ug/ml
Spiked Amount 50.000		Recovery =	74.09%
Target Compounds			
1) T n-Nonane (C9)	3.642	7775186	46.572 ug/mlm
2) T n-Decane (C10)	4.722	8442517	49.229 ug/ml
4) T n-Dodecane (C12)	6.755	9979615	53.774 ug/ml
6) T n-Tetradecane (C14)	8.566	11856869	55.577 ug/ml
7) T n-Hexadecane (C16)	10.179	13113508	52.022 ug/ml
8) T n-Octadecane (C18)	11.629	13213978	43.592 ug/ml
10) T n-Eicosane (C20)	12.946	12794316	38.465 ug/ml
11) T n-Heneicosane (C21)	13.563	12791227	37.189 ug/ml
13) T n-Docosane (C22)	14.152	12622110	35.526 ug/ml
14) T n-Tetracosane (C24)	15.260	11939491	32.967 ug/ml
15) T n-Hexacosane (C26)	16.286	11436815	31.856 ug/ml
16) T n-Octacosane (C28)	17.240	11043884	31.328 ug/ml
17) T n-Tricontane (C30)	18.130	10523299	32.084 ug/ml
18) T n-Dotriacontane (C32)	18.965	10275224	33.572 ug/ml
19) T n-Tetratriacontane (C34)	19.750	9315065	33.388 ug/ml
20) T n-Hexatriacontane (C36)	20.492	7840503	30.640 ug/ml
21) T n-Octatriacontane (C38)	21.319	6472793	25.224 ug/ml
22) T n-Tetracontane (C40)	22.372	6107754	23.667 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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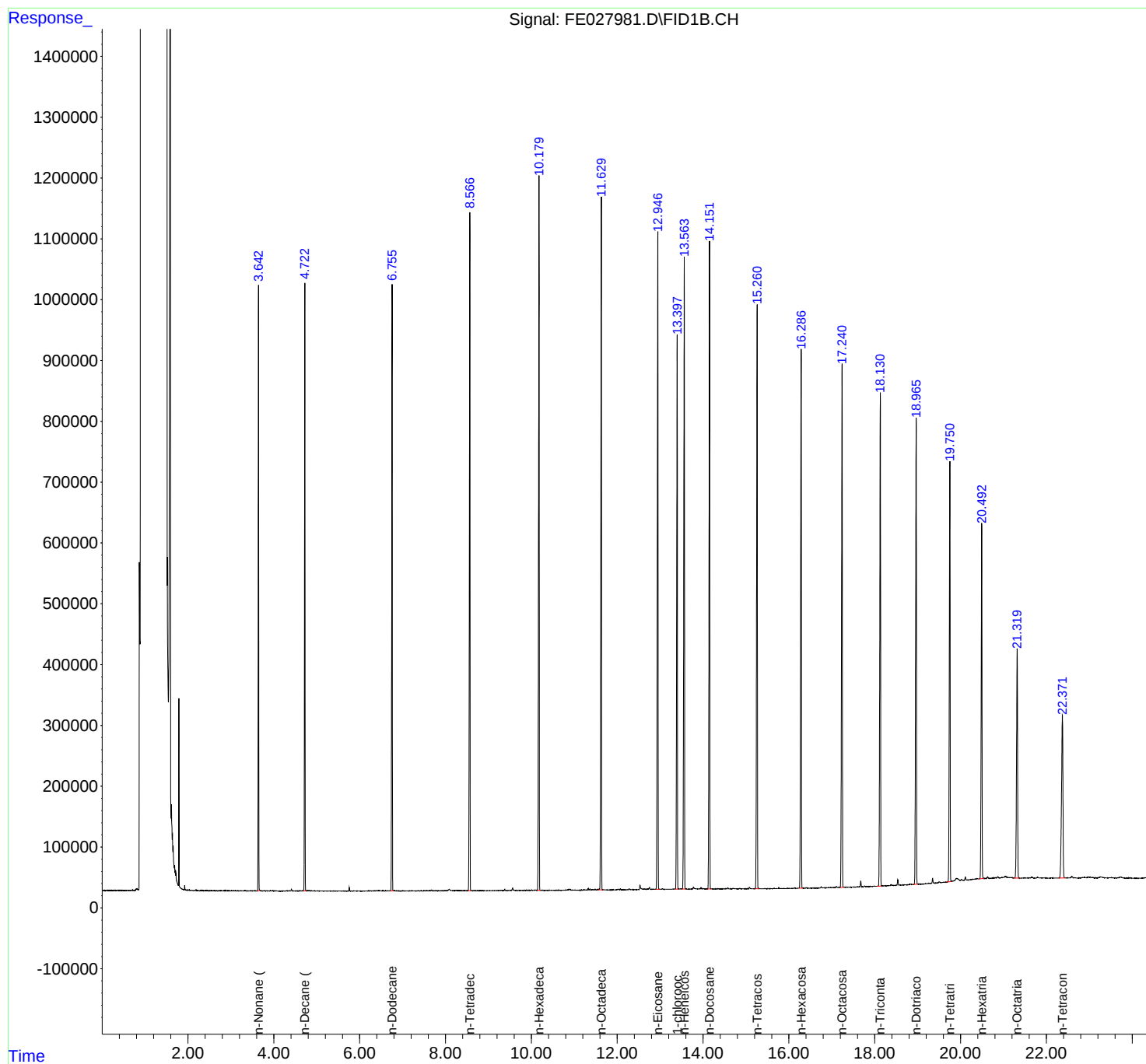
Instrument :
FID_E
ClientSampled :

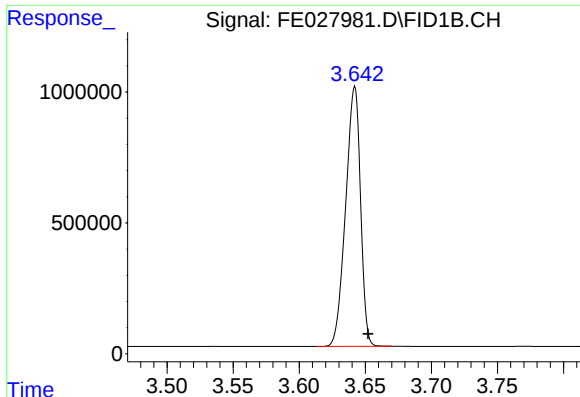
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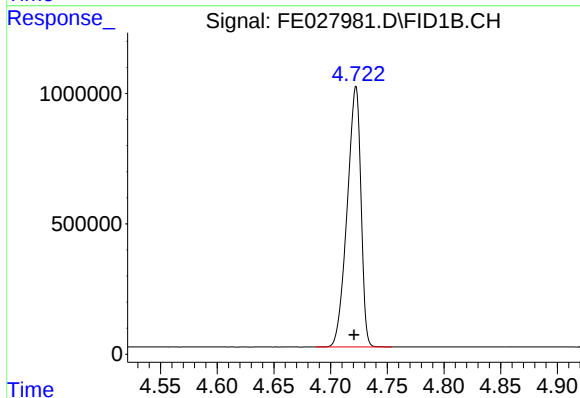
#1 n-Nonane (C9)

R.T.: 3.642 min
Delta R.T.: -0.010 min
Response: 7775186
Conc: 46.57 ug/ml m

Instrument :
FID_E
ClientSampleId :

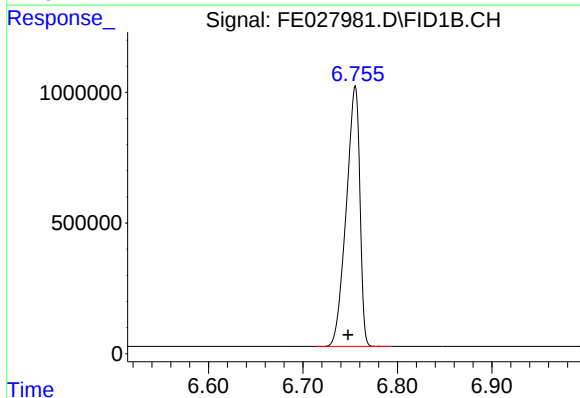
Manual Integrations
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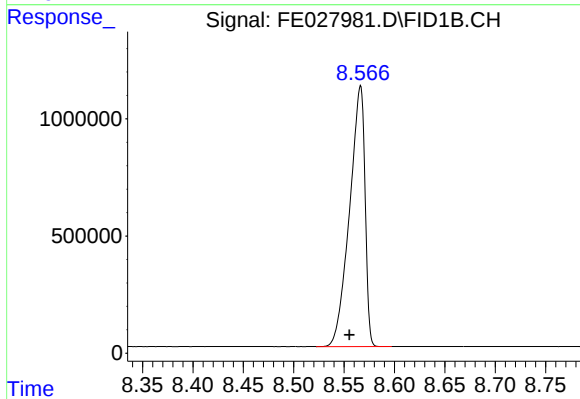
#2 n-Decane (C10)

R.T.: 4.722 min
Delta R.T.: 0.001 min
Response: 8442517
Conc: 49.23 ug/ml



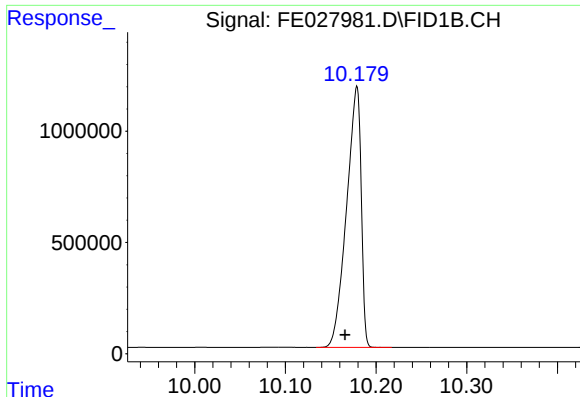
#4 n-Dodecane (C12)

R.T.: 6.755 min
Delta R.T.: 0.007 min
Response: 9979615
Conc: 53.77 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: 0.011 min
Response: 11856869
Conc: 55.58 ug/ml



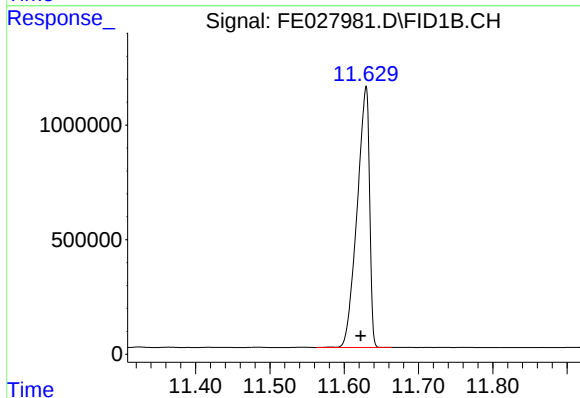
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.013 min
Response: 13113508
Conc: 52.02 ug/ml

Instrument :
FID_E
ClientSampleId :

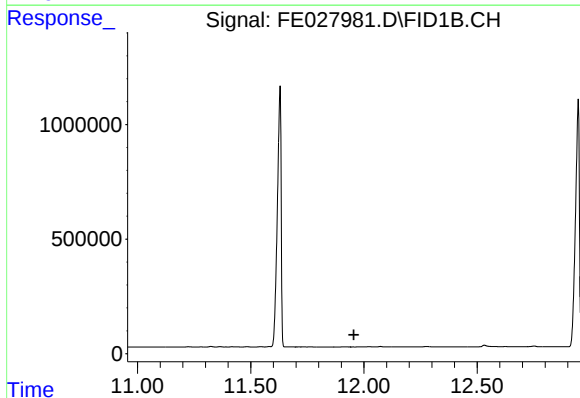
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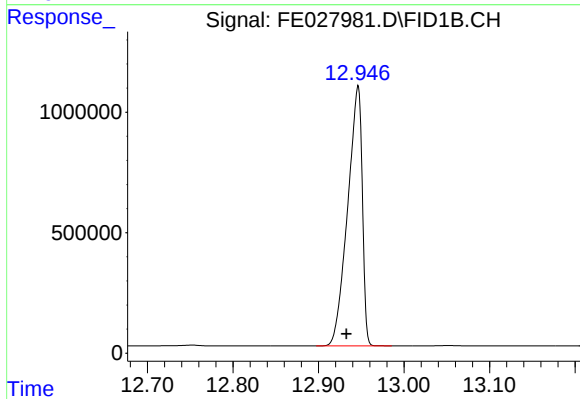
#8 n-Octadecane (C18)

R.T.: 11.629 min
Delta R.T.: 0.007 min
Response: 13213978
Conc: 43.59 ug/ml



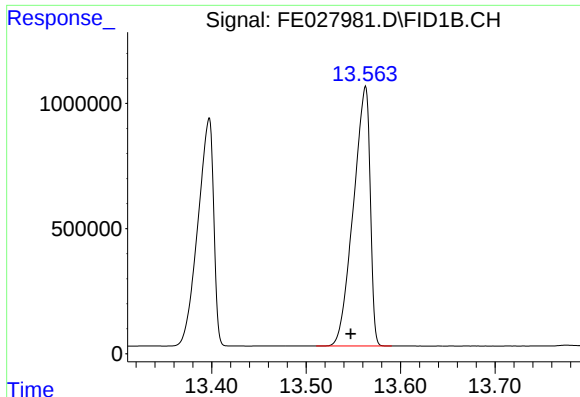
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.956 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: 0.013 min
Response: 12794316
Conc: 38.46 ug/ml



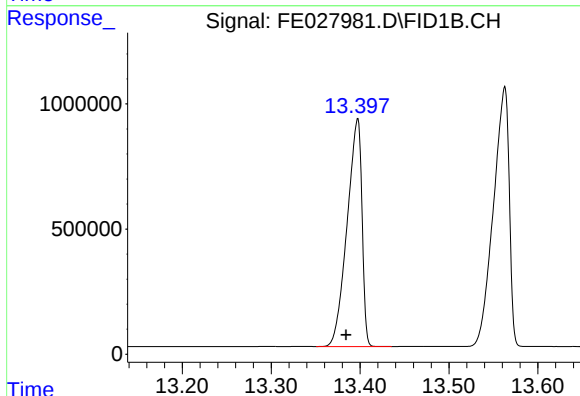
#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: 0.015 min
Response: 12791227
Conc: 37.19 ug/ml

Instrument :
FID_E
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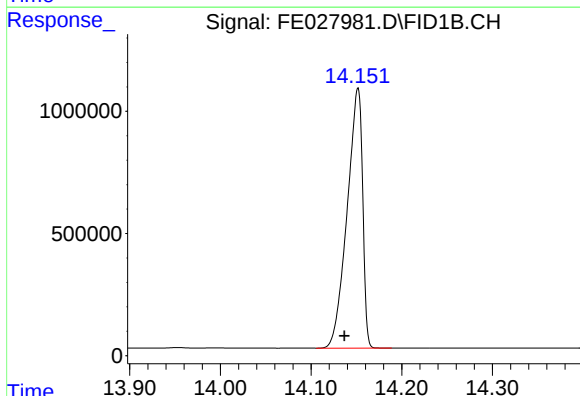
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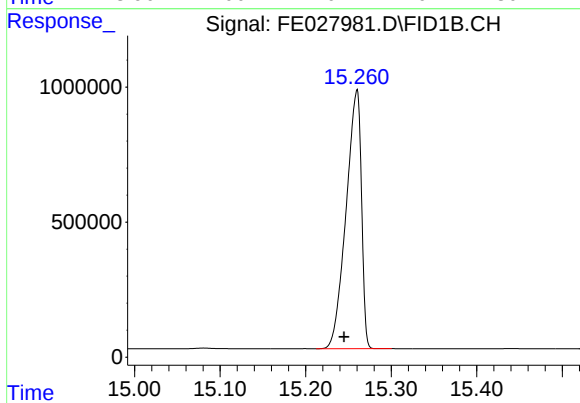
#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min
Delta R.T.: 0.013 min
Response: 10565909
Conc: 37.05 ug/ml



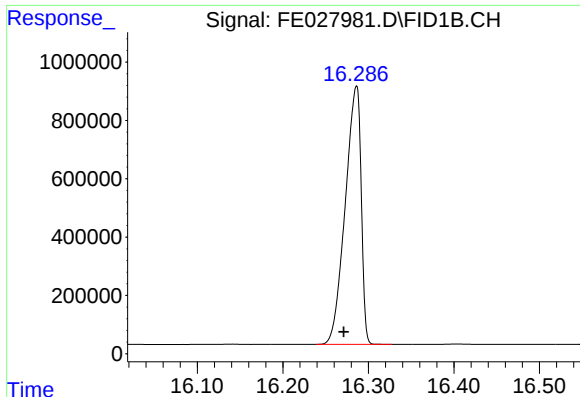
#13 n-Docosane (C22)

R.T.: 14.152 min
Delta R.T.: 0.015 min
Response: 12622110
Conc: 35.53 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.015 min
Response: 11939491
Conc: 32.97 ug/ml



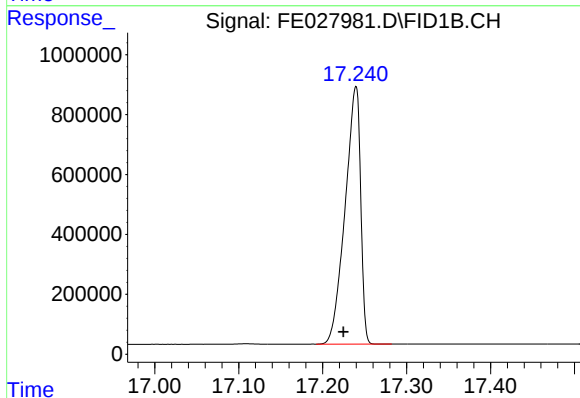
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.015 min
Response: 11436815
Conc: 31.86 ug/ml

Instrument :
FID_E
ClientSampleId :

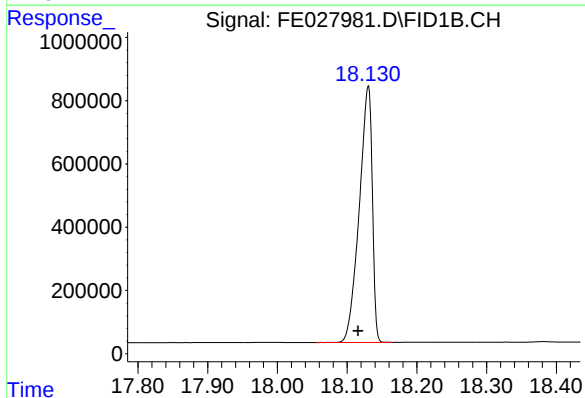
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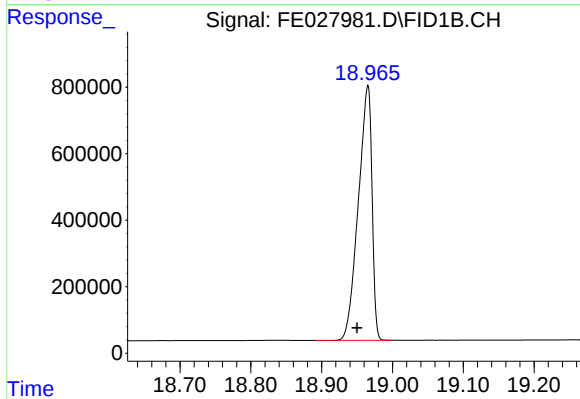
#16 n-Octacosane (C28)

R.T.: 17.240 min
Delta R.T.: 0.015 min
Response: 11043884
Conc: 31.33 ug/ml



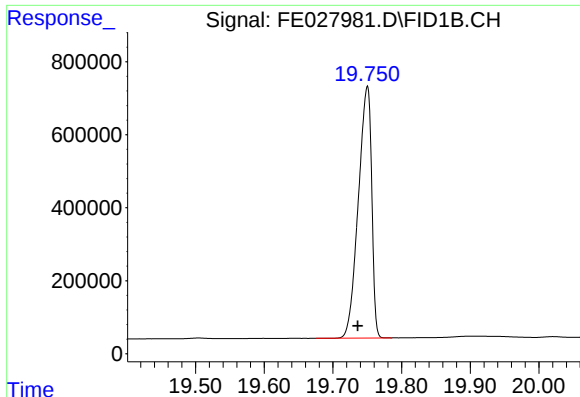
#17 n-Tricontane (C30)

R.T.: 18.130 min
Delta R.T.: 0.014 min
Response: 10523299
Conc: 32.08 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.965 min
Delta R.T.: 0.015 min
Response: 10275224
Conc: 33.57 ug/ml



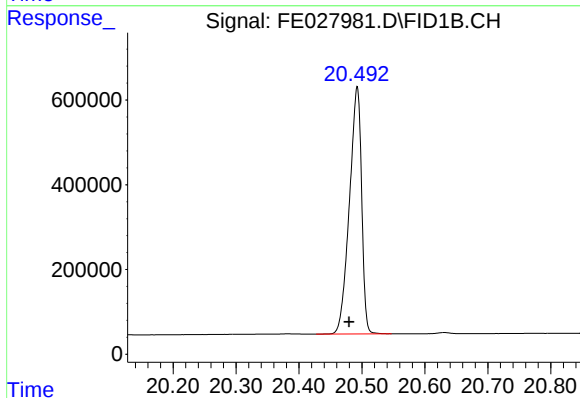
#19 n-Tetratriacontane (C34)

R.T.: 19.750 min
Delta R.T.: 0.014 min
Response: 9315065
Conc: 33.39 ug/ml

Instrument :
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ClientSampleId :

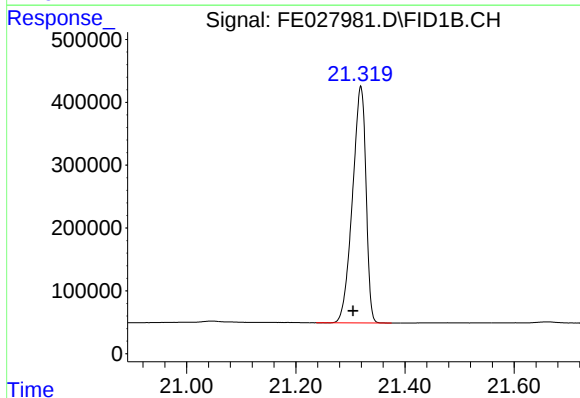
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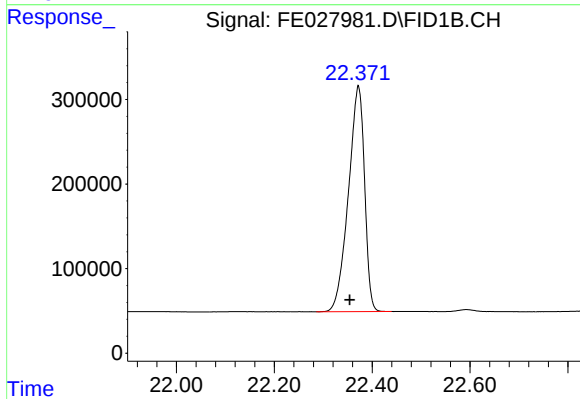
#20 n-Hexatriacontane (C36)

R.T.: 20.492 min
Delta R.T.: 0.013 min
Response: 7840503
Conc: 30.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.319 min
Delta R.T.: 0.014 min
Response: 6472793
Conc: 25.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.372 min
Delta R.T.: 0.017 min
Response: 6107754
Conc: 23.67 ug/ml