

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071921AL\
 Data File : FD038270.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jul 2021 18:51
 Operator : AJ\MA
 Sample : PB137772BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB137772BS

Manual Integrations
 APPROVED

mohammad
 7/20/2021 11:47:09 AM

Integration File: autoint1.e
 Quant Time: Jul 20 03:15:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 2021
 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)	11.418	4346095	30.066 ug/ml
Spiked Amount 50.000		Recovery =	60.13%
12) S 1-chlorooctadecane (S...	12.852	3404526	29.862 ug/ml
Spiked Amount 50.000		Recovery =	59.72%
Target Compounds			
1) T n-Nonane (C9)	3.249	4753608	39.119 ug/ml
2) T n-Decane (C10)	4.295	4936522	40.360 ug/ml
3) T A~Naphthalene (C11.7)	5.859	5169394	37.815 ug/ml
4) T n-Dodecane (C12)	6.293	5004182	40.178 ug/ml
5) T A~2-methylnaphthalene...	6.910	4862073	35.299 ug/ml
6) T n-Tetradecane (C14)	8.081	4962746	38.612 ug/ml
7) T n-Hexadecane (C16)	9.673	4846001	37.396 ug/ml
8) T n-Octadecane (C18)	11.109	4864825	36.123 ug/ml
10) T n-Eicosane (C20)	12.412	4553374	33.900 ug/ml
11) T n-Heneicosane (C21)	13.021	4461920	32.842 ug/ml
13) T n-Docosane (C22)	13.604	4337416	32.236 ug/ml
14) T n-Tetracosane (C24)	14.701	3802790	28.162 ug/ml
15) T n-Hexacosane (C26)	15.719	3976123	30.178 ug/ml
16) T n-Octacosane (C28)	16.663	3915890	30.032 ug/ml
17) T n-Tricontane (C30)	17.548	3763845	29.452 ug/ml
18) T n-Dotriacontane (C32)	18.375	3695807	30.036 ug/ml
19) T n-Tetratriacontane (C34)	19.154	3622900	30.938 ug/ml
20) T n-Hexatriacontane (C36)	19.891	3506100	32.105 ug/ml
21) T n-Octatriacontane (C38)	20.597	3376098	33.520 ug/mlm
22) T n-Tetracontane (C40)	21.425	3493406	35.718 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 57 Sample Multiplier: 1

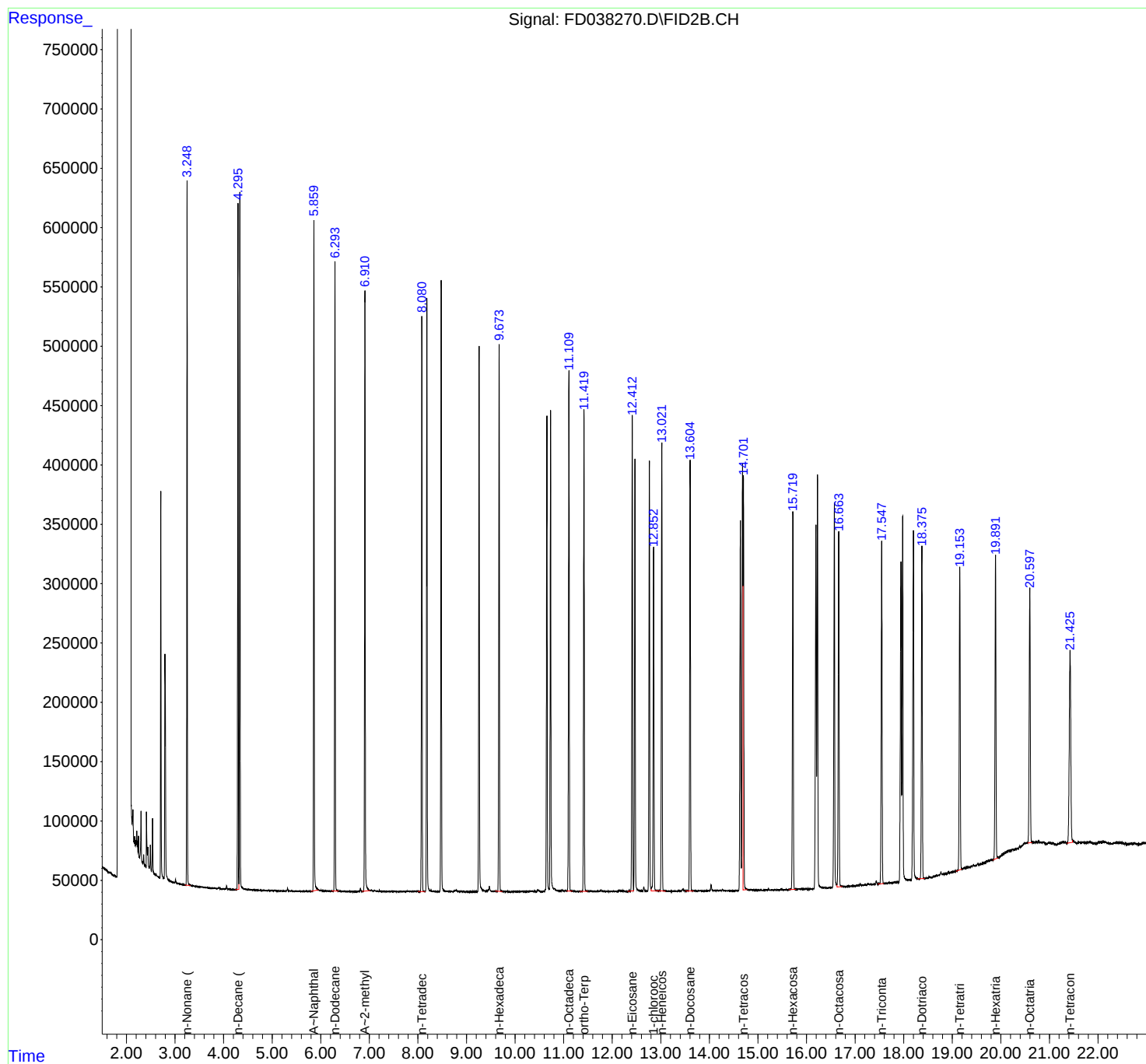
Instrument :
FID_D
ClientSampled :
PB137772BS

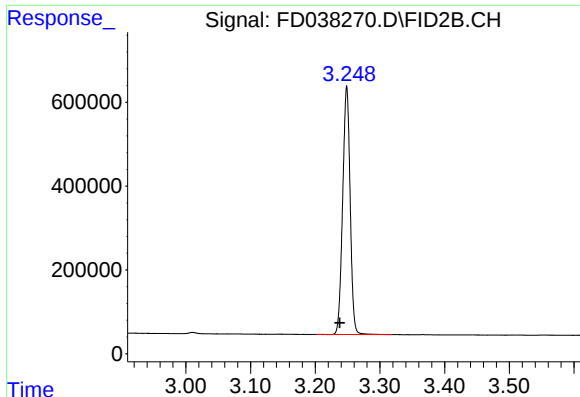
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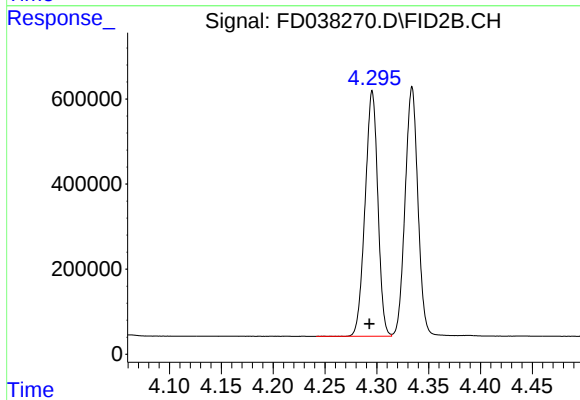
#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: 0.011 min
Response: 4753608
Conc: 39.12 ug/ml

Instrument :
FID_D
ClientSampleId :
PB137772BS

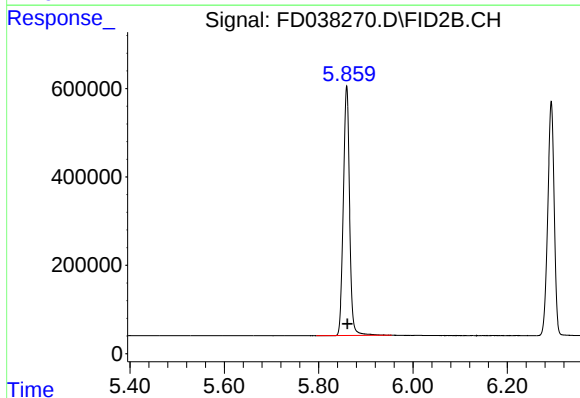
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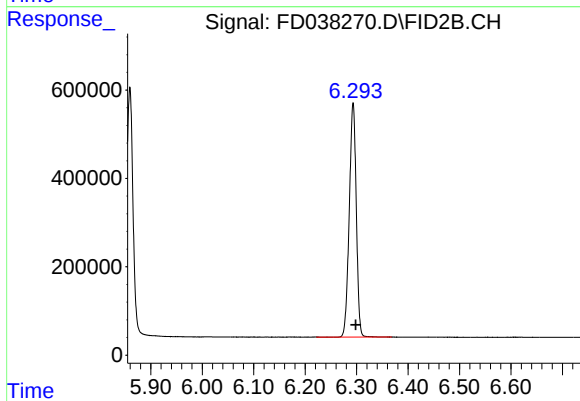
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: 0.003 min
Response: 4936522
Conc: 40.36 ug/ml



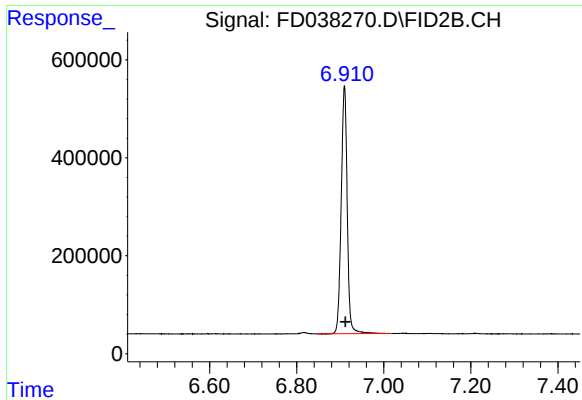
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: -0.002 min
Response: 5169394
Conc: 37.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.293 min
Delta R.T.: -0.005 min
Response: 5004182
Conc: 40.18 ug/ml



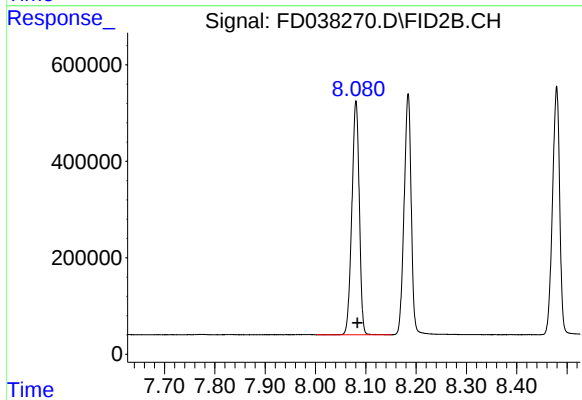
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: -0.002 min
Response: 4862073
Conc: 35.30 ug/ml

Instrument :
FID_D
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PB137772BS

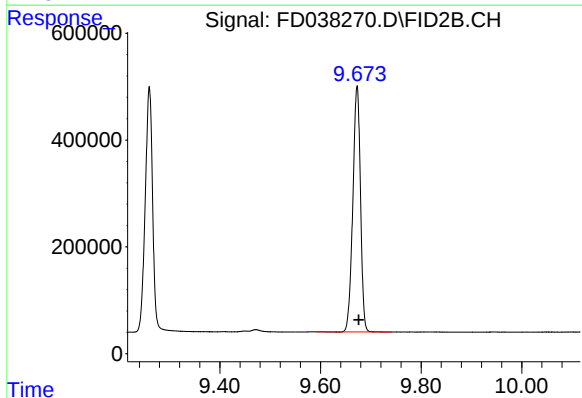
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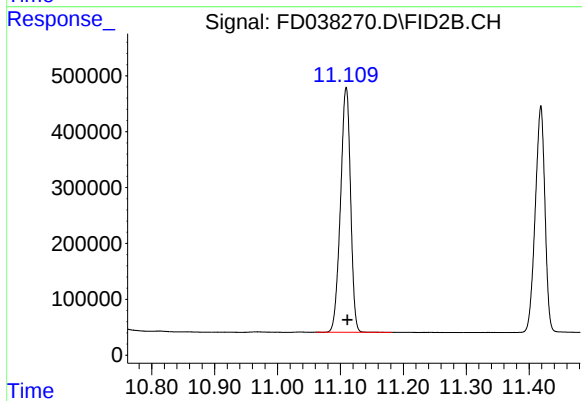
#6 n-Tetradecane (C14)

R.T.: 8.081 min
Delta R.T.: -0.003 min
Response: 4962746
Conc: 38.61 ug/ml



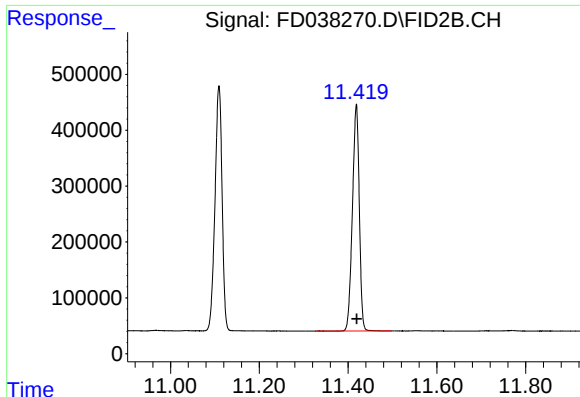
#7 n-Hexadecane (C16)

R.T.: 9.673 min
Delta R.T.: -0.004 min
Response: 4846001
Conc: 37.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.109 min
Delta R.T.: -0.002 min
Response: 4864825
Conc: 36.12 ug/ml



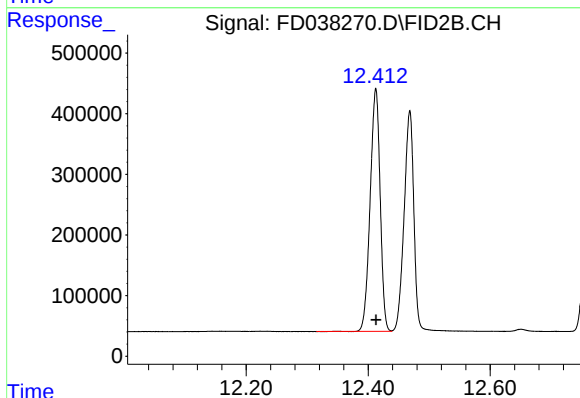
#9 ortho-Terphenyl (SURR)

R.T.: 11.418 min
Delta R.T.: -0.001 min
Response: 4346095
Conc: 30.07 ug/ml

Instrument :
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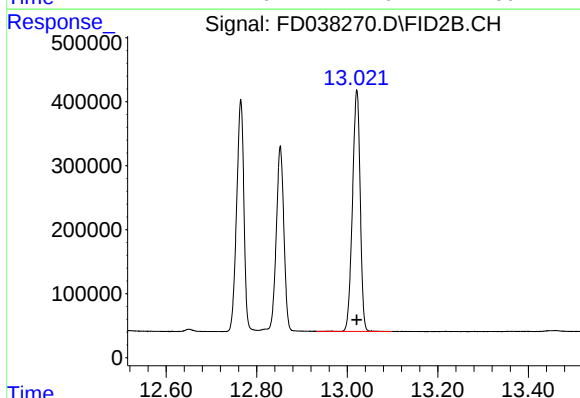
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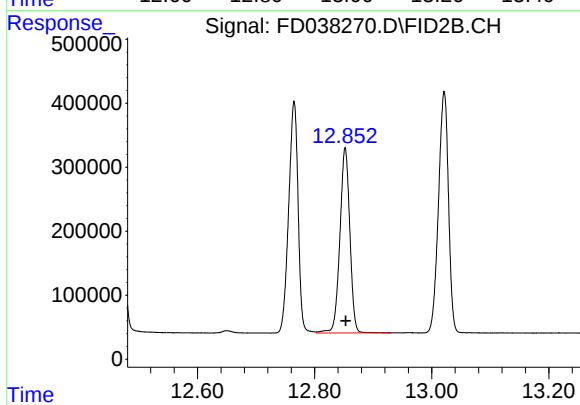
#10 n-Eicosane (C20)

R.T.: 12.412 min
Delta R.T.: 0.000 min
Response: 4553374
Conc: 33.90 ug/ml



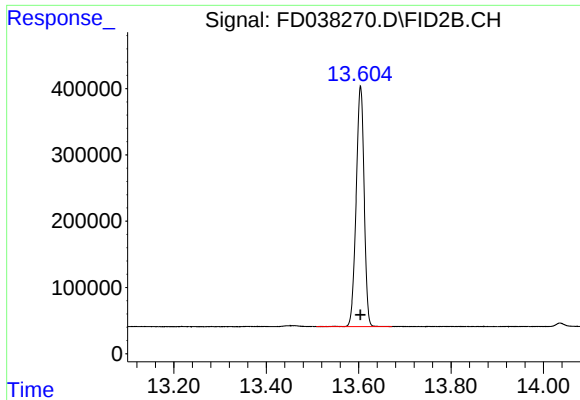
#11 n-Heneicosane (C21)

R.T.: 13.021 min
Delta R.T.: 0.000 min
Response: 4461920
Conc: 32.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.852 min
Delta R.T.: -0.001 min
Response: 3404526
Conc: 29.86 ug/ml



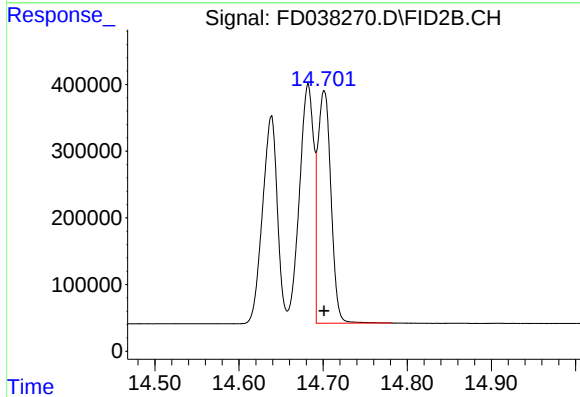
#13 n-Docosane (C22)

R.T.: 13.604 min
Delta R.T.: 0.000 min
Response: 4337416
Conc: 32.24 ug/ml

Instrument :
FID_D
ClientSampleId :
PB137772BS

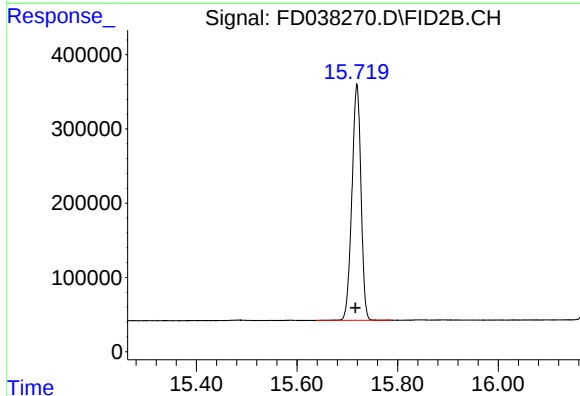
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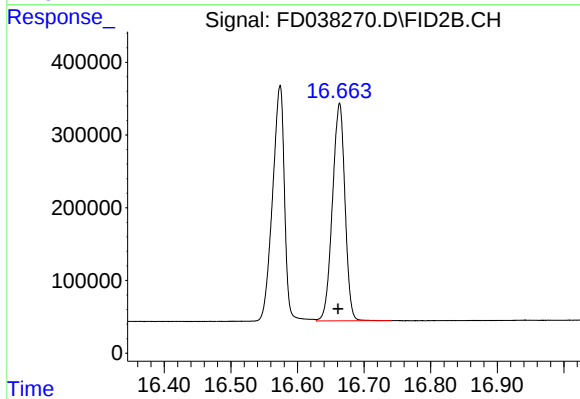
#14 n-Tetracosane (C24)

R.T.: 14.701 min
Delta R.T.: 0.000 min
Response: 3802790
Conc: 28.16 ug/ml



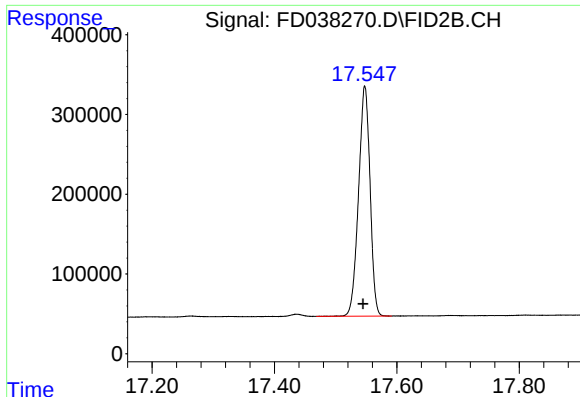
#15 n-Hexacosane (C26)

R.T.: 15.719 min
Delta R.T.: 0.003 min
Response: 3976123
Conc: 30.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.663 min
Delta R.T.: 0.002 min
Response: 3915890
Conc: 30.03 ug/ml



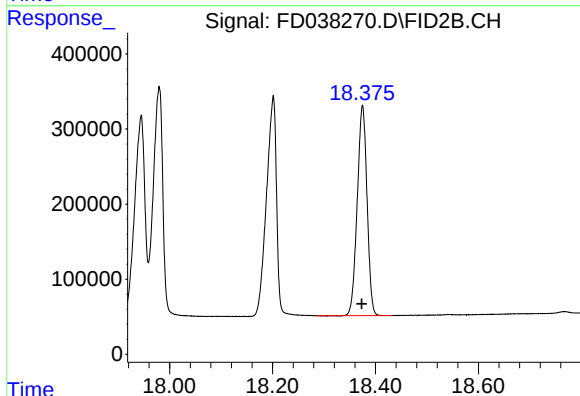
#17 n-Tricontane (C30)

R.T.: 17.548 min
Delta R.T.: 0.003 min
Response: 3763845
Conc: 29.45 ug/ml

Instrument :
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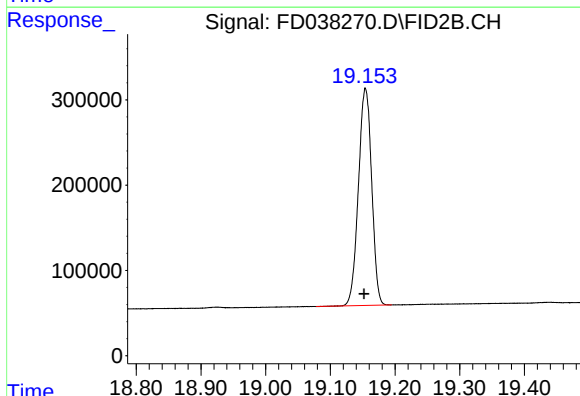
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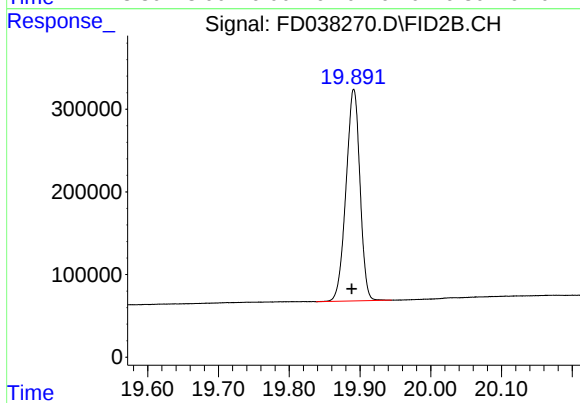
#18 n-Dotriacontane (C32)

R.T.: 18.375 min
Delta R.T.: 0.001 min
Response: 3695807
Conc: 30.04 ug/ml



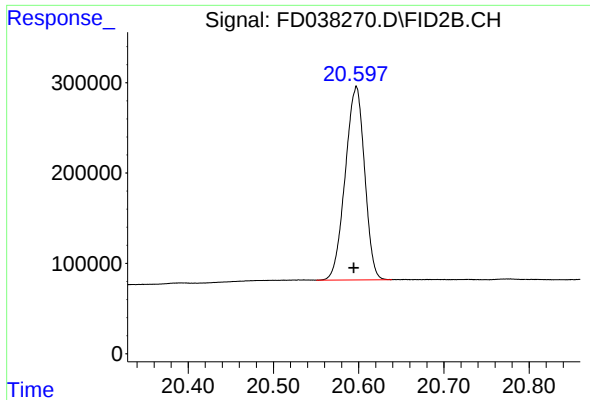
#19 n-Tetratriacontane (C34)

R.T.: 19.154 min
Delta R.T.: 0.002 min
Response: 3622900
Conc: 30.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.891 min
Delta R.T.: 0.003 min
Response: 3506100
Conc: 32.10 ug/ml



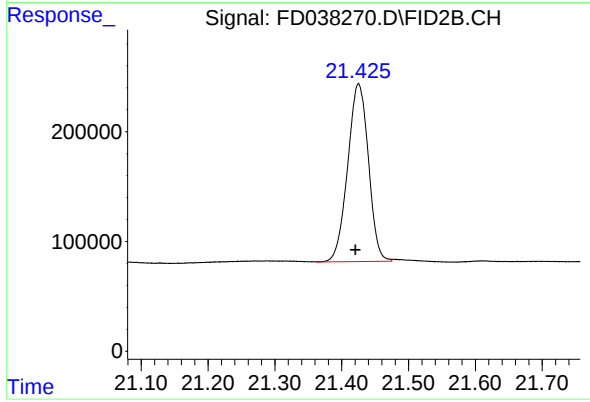
#21 n-Octatriacontane (C38)

R.T.: 20.597 min
Delta R.T.: 0.002 min
Response: 3376098
Conc: 33.52 ug/ml m

Instrument :
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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.425 min
Delta R.T.: 0.004 min
Response: 3493406
Conc: 35.72 ug/ml m