

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081321AL\
 Data File : FD038544.D
 Signal(s) : FID2B.CH
 Acq On : 13 Aug 2021 15:46
 Operator : AJ\MA
 Sample : PB138385BSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB138385BSD

Manual Integrations
 APPROVED

mohammad
 8/17/2021 11:45:36 AM

Integration File: autoint1.e
 Quant Time: Aug 14 00:02:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.369	5967063	43.714 ug/ml
Spiked Amount 50.000		Recovery =	87.43%
12) S 1-chlorooctadecane (S...	12.805	4835694	44.969 ug/ml
Spiked Amount 50.000		Recovery =	89.94%
Target Compounds			
1) T n-Nonane (C9)	3.204	5330139	45.401 ug/ml
2) T n-Decane (C10)	4.250	5650570	47.926 ug/ml
3) T A~Naphthalene (C11.7)	5.809	6502651	49.815 ug/ml
4) T n-Dodecane (C12)	6.247	5977443	50.340 ug/ml
5) T A~2-methylnaphthalene...	6.860	6319527	48.293 ug/ml
6) T n-Tetradecane (C14)	8.035	6324402	52.038 ug/ml
7) T n-Hexadecane (C16)	9.626	6693476	54.768 ug/ml
8) T n-Octadecane (C18)	11.063	7042000	55.932 ug/ml
10) T n-Eicosane (C20)	12.366	6754040	53.580 ug/ml
11) T n-Heneicosane (C21)	12.974	6667620	52.232 ug/ml
13) T n-Docosane (C22)	13.558	6486838	50.956 ug/ml
14) T n-Tetracosane (C24)	14.656	6198768	48.190 ug/mlm
15) T n-Hexacosane (C26)	15.674	5937936	46.627 ug/ml
16) T n-Octacosane (C28)	16.617	5800550	45.465 ug/ml
17) T n-Tricontane (C30)	17.502	5497176	43.388 ug/ml
18) T n-Dotriacontane (C32)	18.328	5340155	43.460 ug/ml
19) T n-Tetratriacontane (C34)	19.108	5211381	43.665 ug/ml
20) T n-Hexatriacontane (C36)	19.843	5069324	45.484 ug/mlm
21) T n-Octatriacontane (C38)	20.546	4954666	47.927 ug/mlm
22) T n-Tetracontane (C40)	21.354	5107096	50.883 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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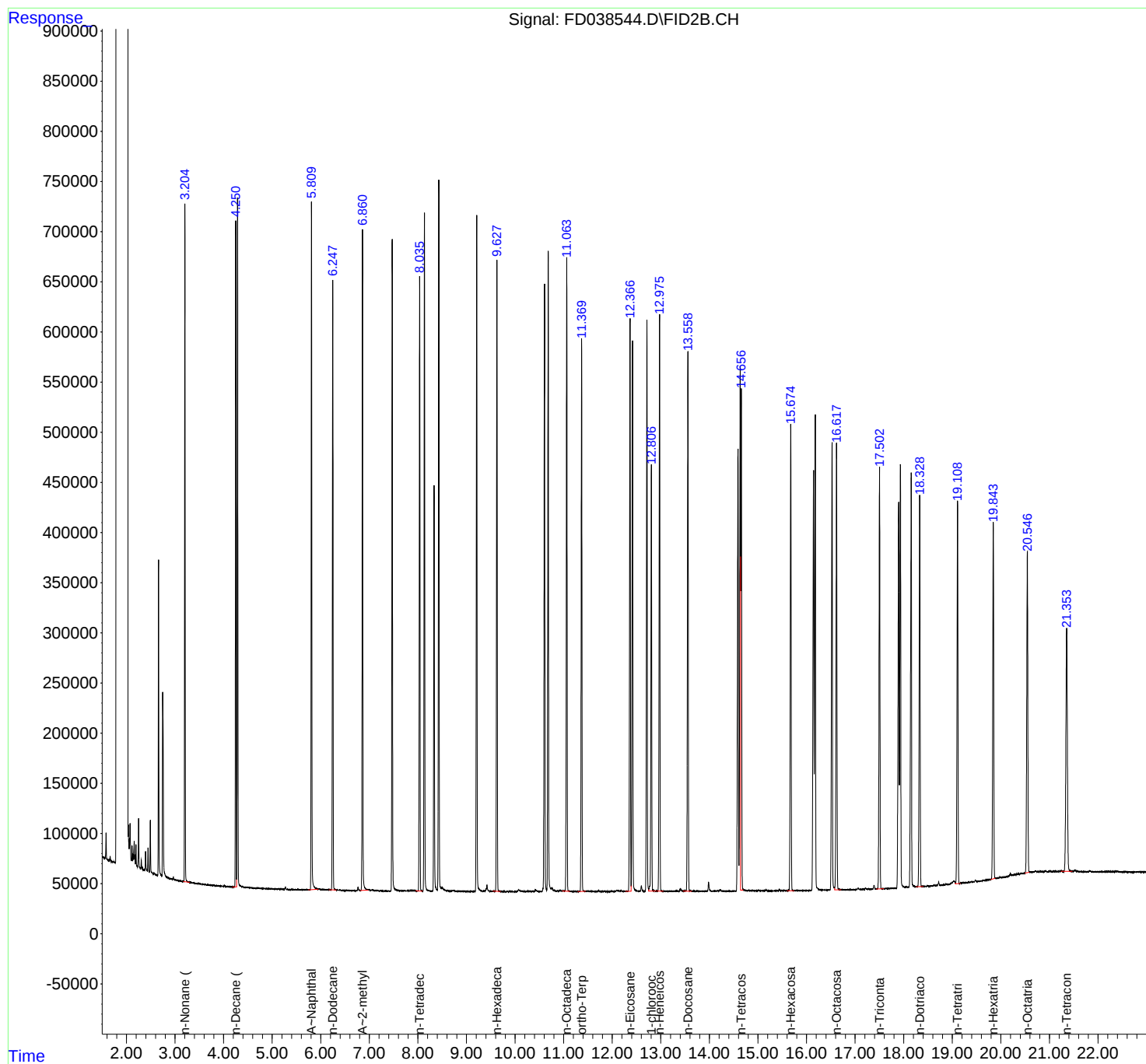
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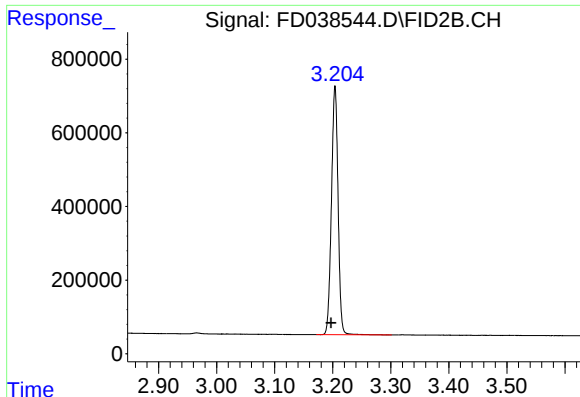
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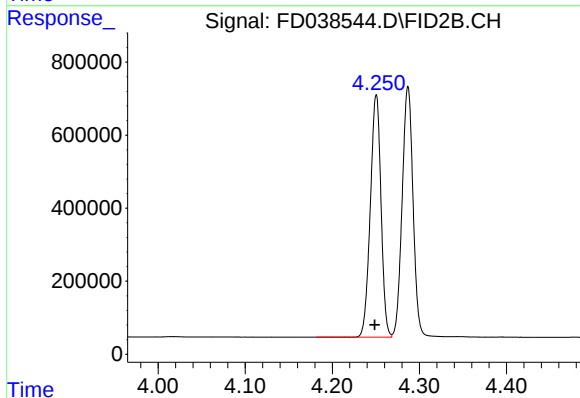
#1 n-Nonane (C9)

R.T.: 3.204 min
Delta R.T.: 0.007 min
Response: 5330139
Conc: 45.40 ug/ml

Instrument :
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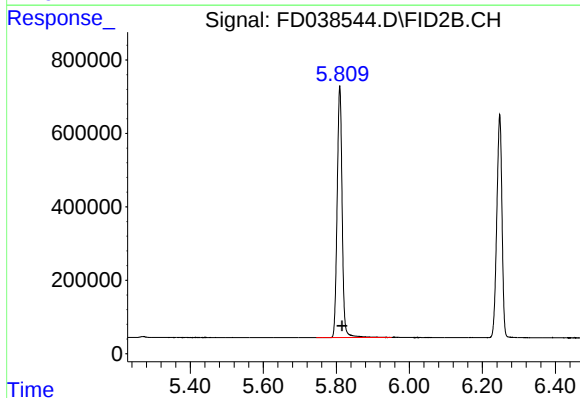
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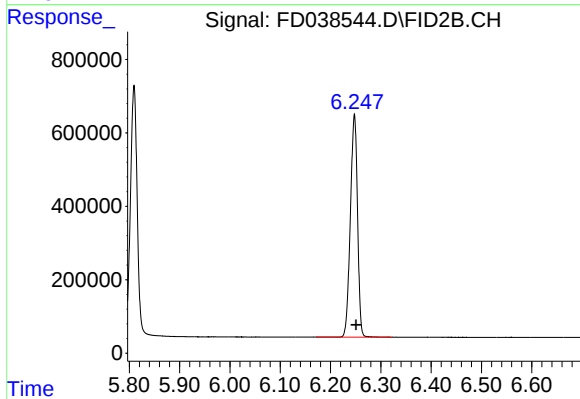
#2 n-Decane (C10)

R.T.: 4.250 min
Delta R.T.: 0.002 min
Response: 5650570
Conc: 47.93 ug/ml



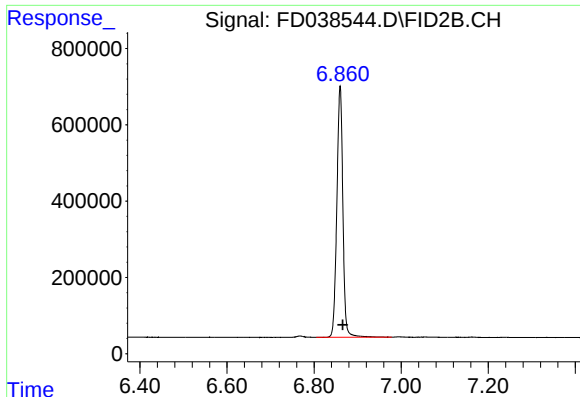
#3 A~Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.006 min
Response: 6502651
Conc: 49.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 5977443
Conc: 50.34 ug/ml



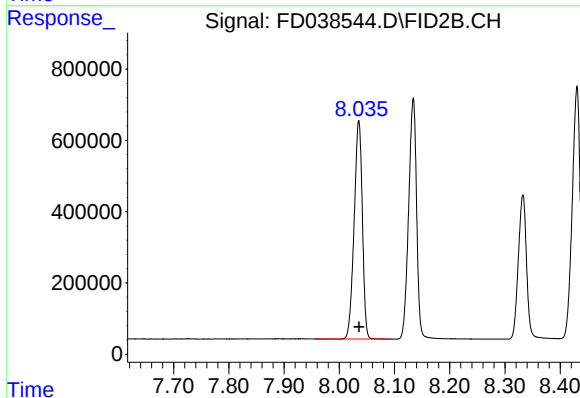
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.006 min
Response: 6319527
Conc: 48.29 ug/ml

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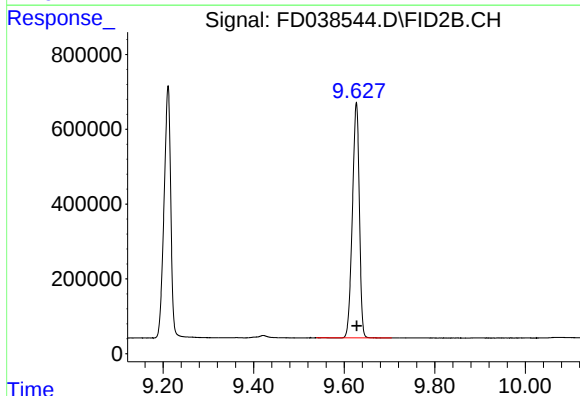
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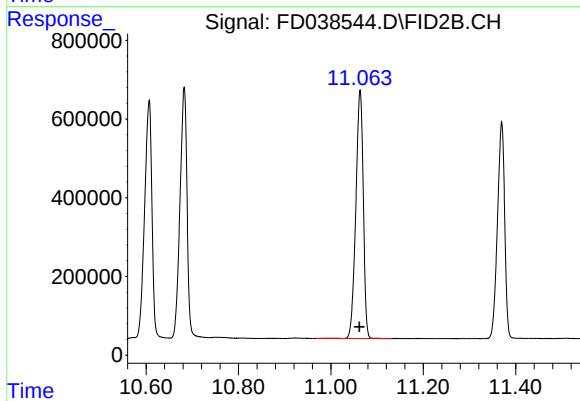
#6 n-Tetradecane (C14)

R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 6324402
Conc: 52.04 ug/ml



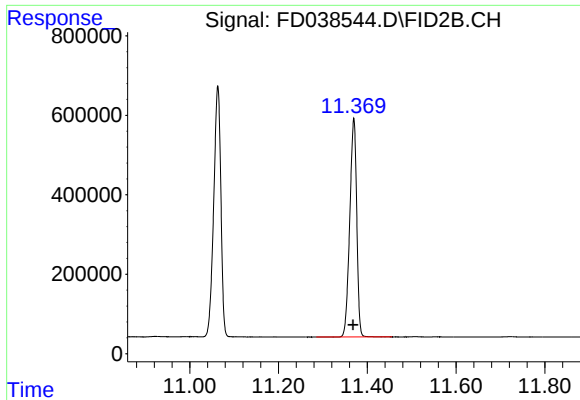
#7 n-Hexadecane (C16)

R.T.: 9.626 min
Delta R.T.: -0.001 min
Response: 6693476
Conc: 54.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.063 min
Delta R.T.: 0.000 min
Response: 7042000
Conc: 55.93 ug/ml



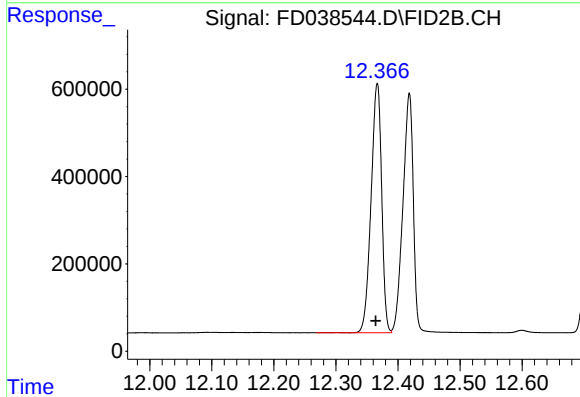
#9 ortho-Terphenyl (SURR)

R.T.: 11.369 min
Delta R.T.: 0.000 min
Response: 5967063
Conc: 43.71 ug/ml

Instrument :
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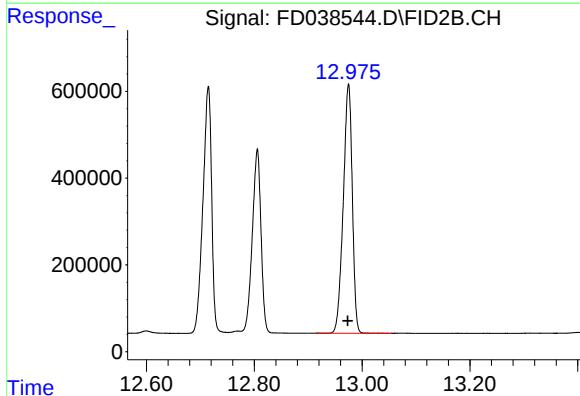
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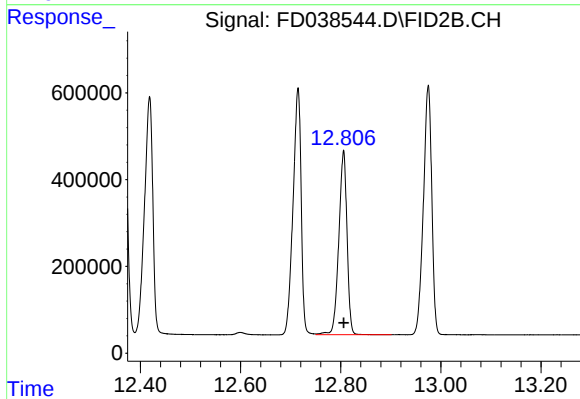
#10 n-Eicosane (C20)

R.T.: 12.366 min
Delta R.T.: 0.001 min
Response: 6754040
Conc: 53.58 ug/ml



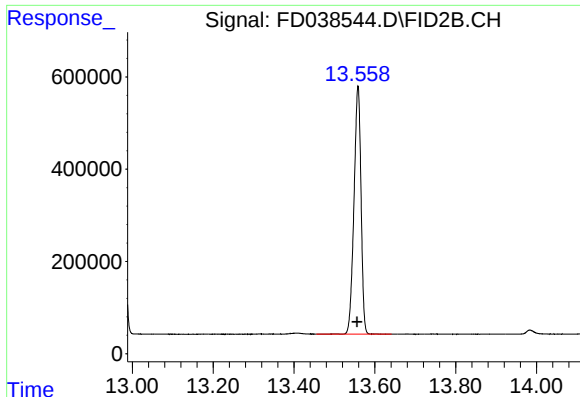
#11 n-Heneicosane (C21)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 6667620
Conc: 52.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.805 min
Delta R.T.: 0.000 min
Response: 4835694
Conc: 44.97 ug/ml



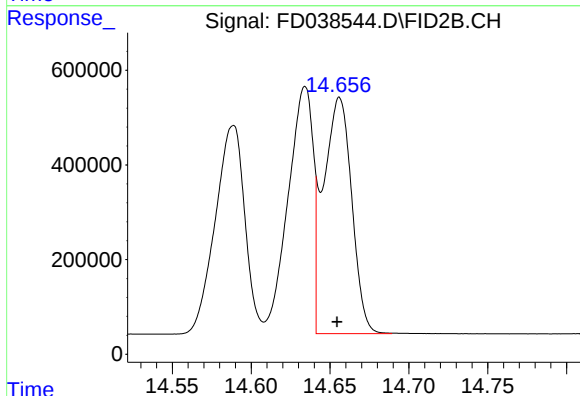
#13 n-Docosane (C22)

R.T.: 13.558 min
Delta R.T.: 0.001 min
Response: 6486838
Conc: 50.96 ug/ml

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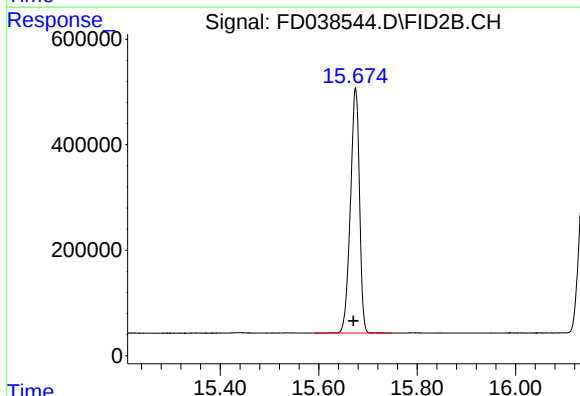
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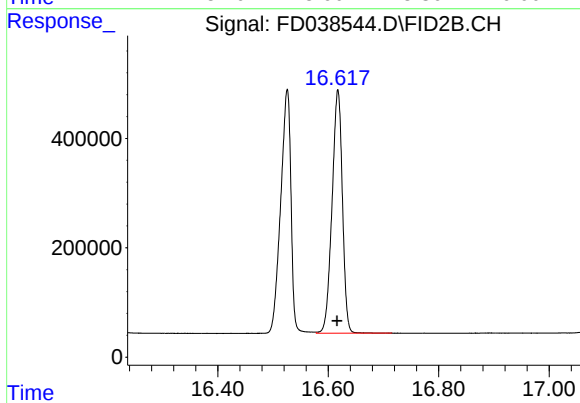
#14 n-Tetracosane (C24)

R.T.: 14.656 min
Delta R.T.: 0.001 min
Response: 6198768
Conc: 48.19 ug/ml m



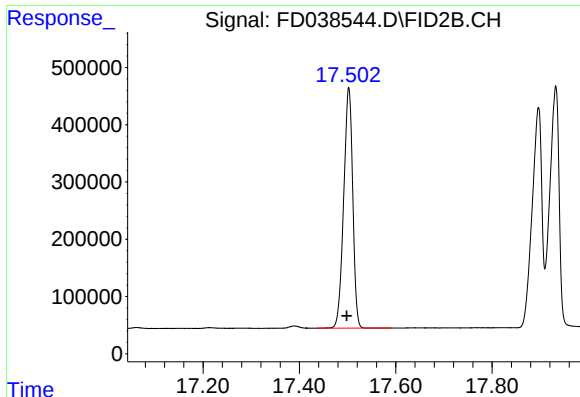
#15 n-Hexacosane (C26)

R.T.: 15.674 min
Delta R.T.: 0.003 min
Response: 5937936
Conc: 46.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.617 min
Delta R.T.: 0.001 min
Response: 5800550
Conc: 45.46 ug/ml



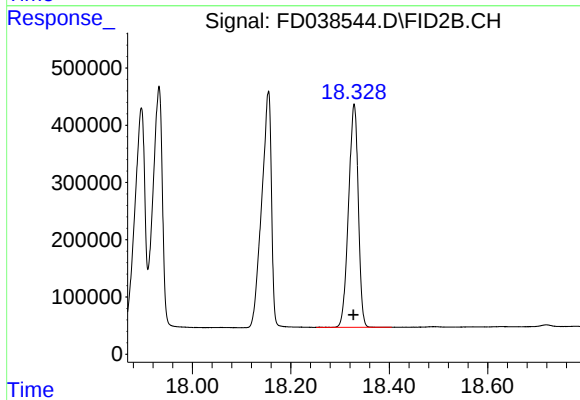
#17 n-Tricontane (C30)

R.T.: 17.502 min
Delta R.T.: 0.004 min
Response: 5497176
Conc: 43.39 ug/ml

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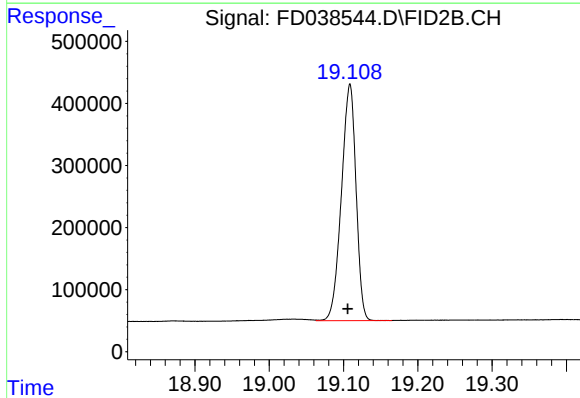
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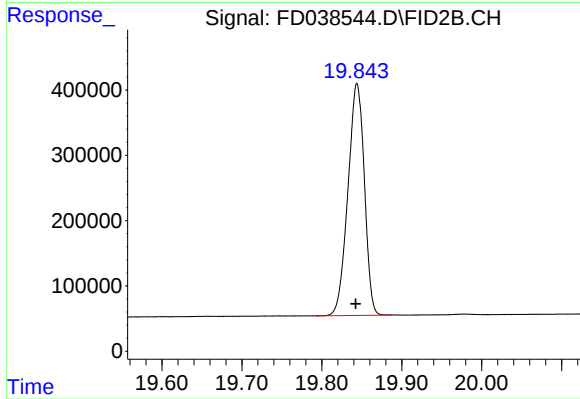
#18 n-Dotriacontane (C32)

R.T.: 18.328 min
Delta R.T.: 0.000 min
Response: 5340155
Conc: 43.46 ug/ml



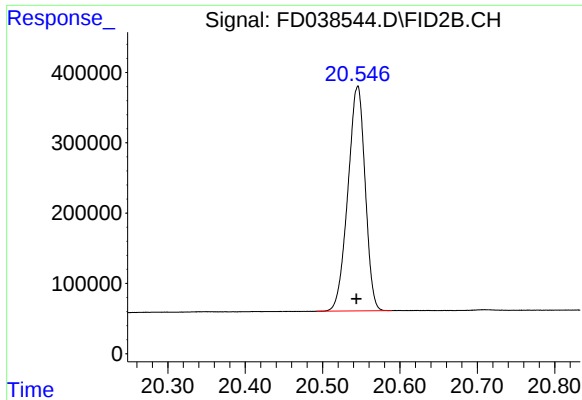
#19 n-Tetratriacontane (C34)

R.T.: 19.108 min
Delta R.T.: 0.002 min
Response: 5211381
Conc: 43.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.843 min
Delta R.T.: 0.001 min
Response: 5069324
Conc: 45.48 ug/ml m



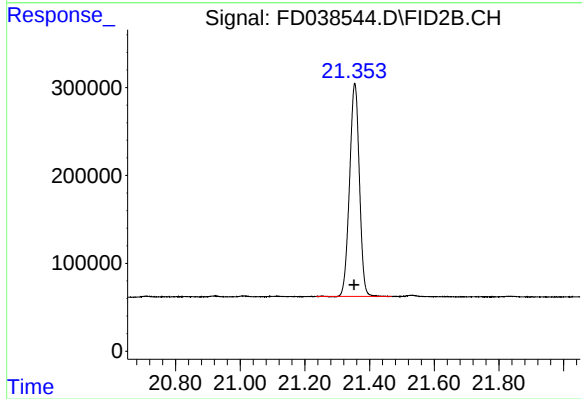
#21 n-Octatriacontane (C38)

R.T.: 20.546 min
Delta R.T.: 0.002 min
Response: 4954666
Conc: 47.93 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.354 min
Delta R.T.: 0.002 min
Response: 5107096
Conc: 50.88 ug/ml