

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072621AL\
 Data File : FD038345.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jul 2021 15:47
 Operator : AJ\MA
 Sample : M3178-03MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 1MS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jul 27 02:21:02 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)	11.406	5489885	37.979 ug/ml
Spiked Amount 50.000		Recovery =	75.96%
12) S 1-chlorooctadecane (S...	12.840	4229012	37.093 ug/ml
Spiked Amount 50.000		Recovery =	74.19%
Target Compounds			
1) T n-Nonane (C9)	3.240	7440271	61.229 ug/ml
2) T n-Decane (C10)	4.287	7893866	64.539 ug/ml
3) T A~Naphthalene (C11.7)	5.848	8240745	60.283 ug/ml
4) T n-Dodecane (C12)	6.284	8061987	64.728 ug/ml
5) T A~2-methylnaphthalene...	6.898	7781547	56.494 ug/ml
6) T n-Tetradecane (C14)	8.071	8003615	62.270 ug/ml
7) T n-Hexadecane (C16)	9.663	7800038	60.192 ug/ml
8) T n-Octadecane (C18)	11.099	7810601	57.997 ug/ml
10) T n-Eicosane (C20)	12.402	7296710	54.324 ug/ml
11) T n-Heneicosane (C21)	13.010	7149362	52.623 ug/ml
13) T n-Docosane (C22)	13.593	6927023	51.483 ug/ml
14) T n-Tetracosane (C24)	14.689	5307137	39.303 ug/ml
15) T n-Hexacosane (C26)	15.708	6357301	48.251 ug/ml
16) T n-Octacosane (C28)	16.651	6288614	48.230 ug/ml
17) T n-Tricontane (C30)	17.536	6149265	48.119 ug/ml
18) T n-Dotriacontane (C32)	18.362	6115151	49.698 ug/ml
19) T n-Tetratriacontane (C34)	19.140	5827300	49.762 ug/mlm
20) T n-Hexatriacontane (C36)	19.878	5619755	51.459 ug/mlm
21) T n-Octatriacontane (C38)	20.583	5465433	54.265 ug/mlm
22) T n-Tetracontane (C40)	21.407	5589573	57.150 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 57 Sample Multiplier: 1

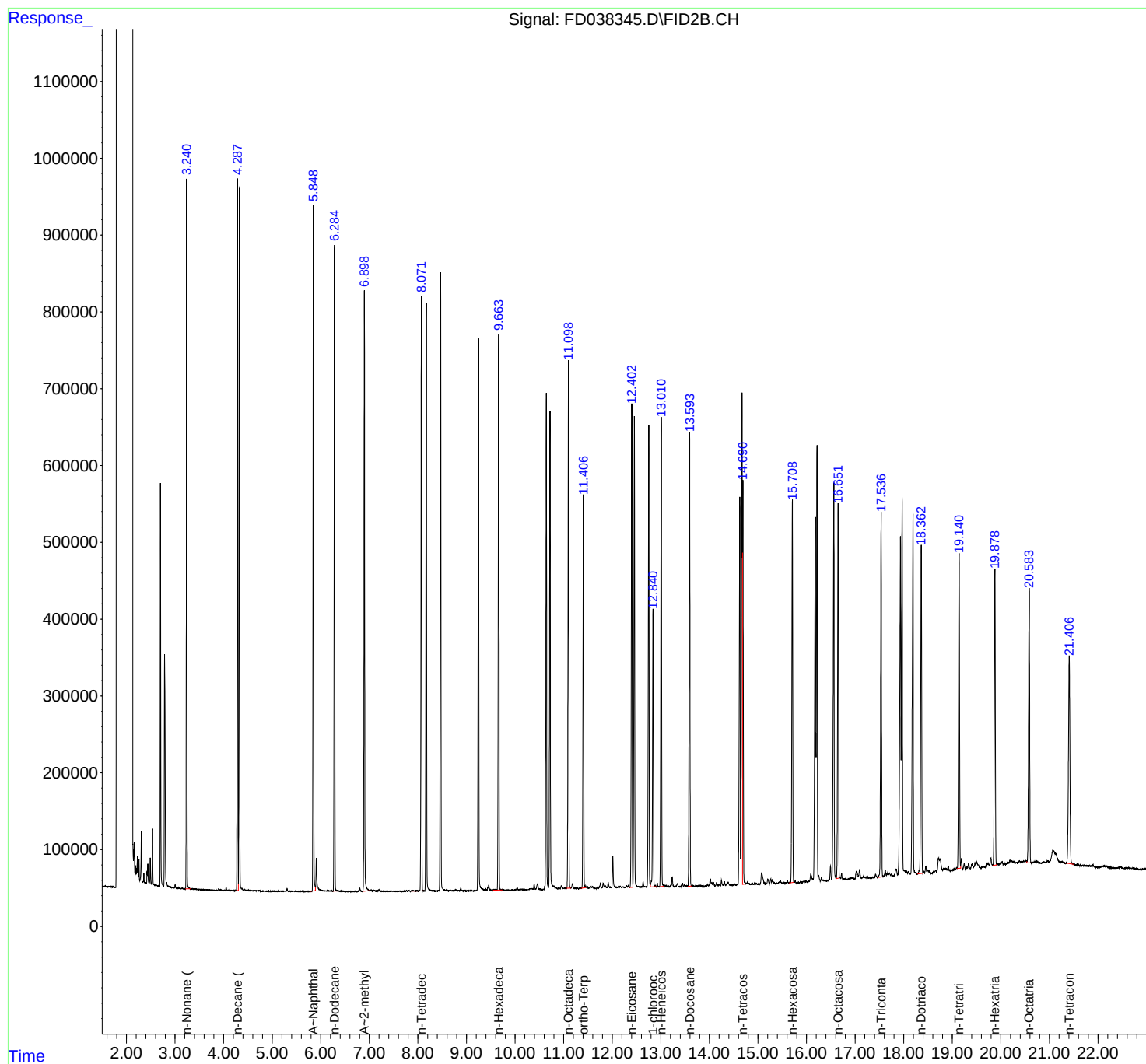
Instrument :
FID_D
ClientSampled :
1MS

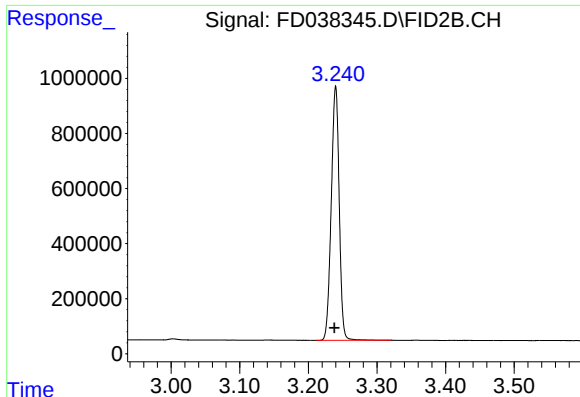
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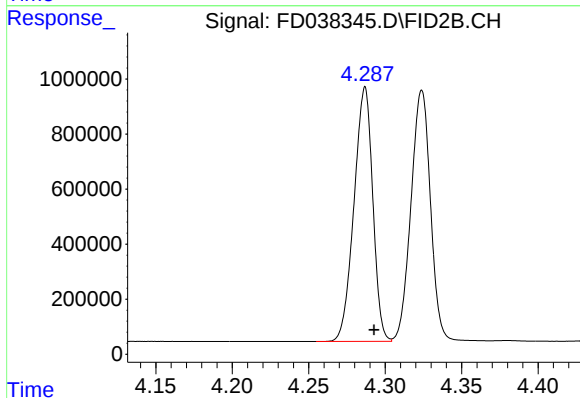
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.002 min
Response: 7440271
Conc: 61.23 ug/ml

Instrument :
FID_D
ClientSampleId :
1MS

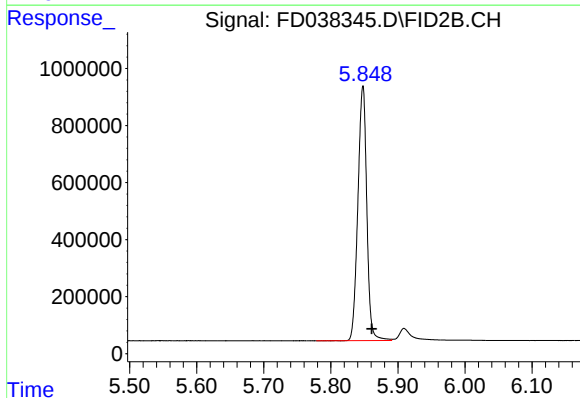
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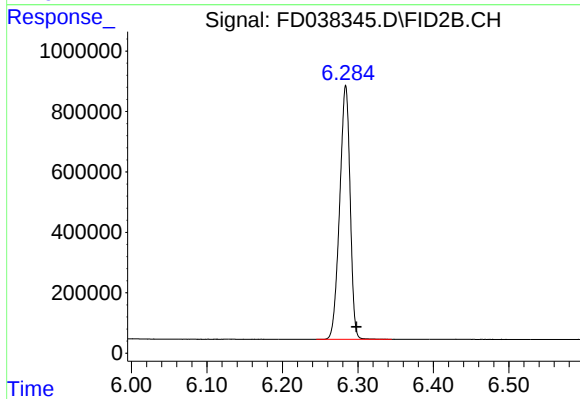
#2 n-Decane (C10)

R.T.: 4.287 min
Delta R.T.: -0.006 min
Response: 7893866
Conc: 64.54 ug/ml



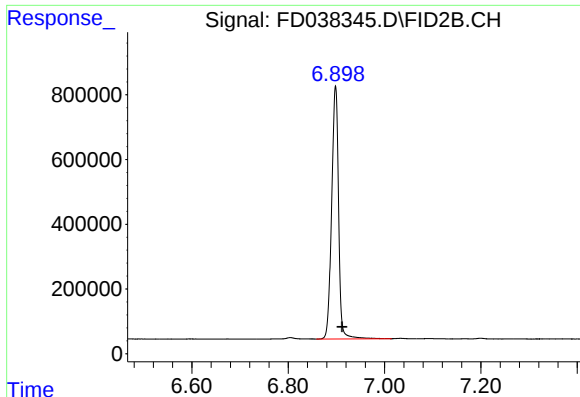
#3 A~Naphthalene (C11.7)

R.T.: 5.848 min
Delta R.T.: -0.014 min
Response: 8240745
Conc: 60.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.284 min
Delta R.T.: -0.014 min
Response: 8061987
Conc: 64.73 ug/ml



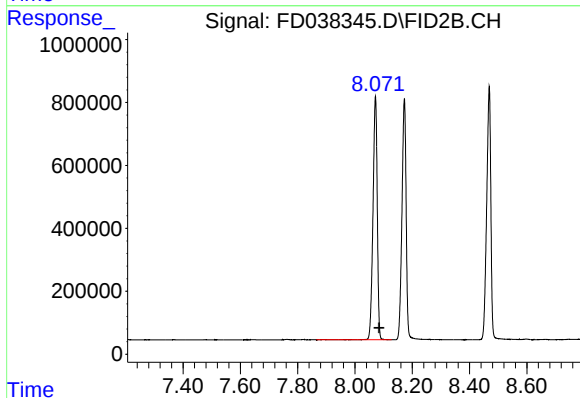
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.898 min
Delta R.T.: -0.014 min
Response: 7781547
Conc: 56.49 ug/ml

Instrument :
FID_D
ClientSampleId :
1MS

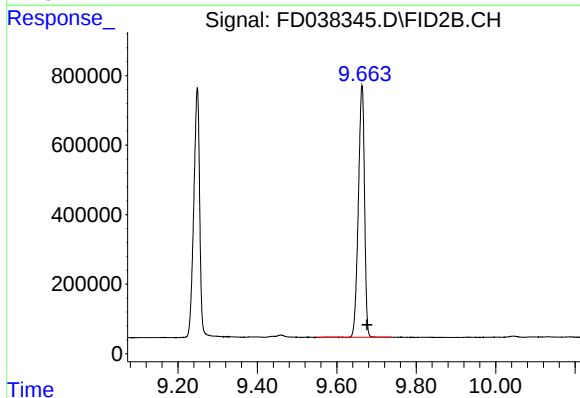
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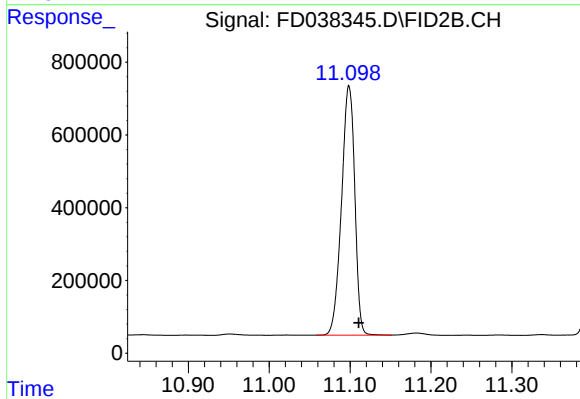
#6 n-Tetradecane (C14)

R.T.: 8.071 min
Delta R.T.: -0.012 min
Response: 8003615
Conc: 62.27 ug/ml



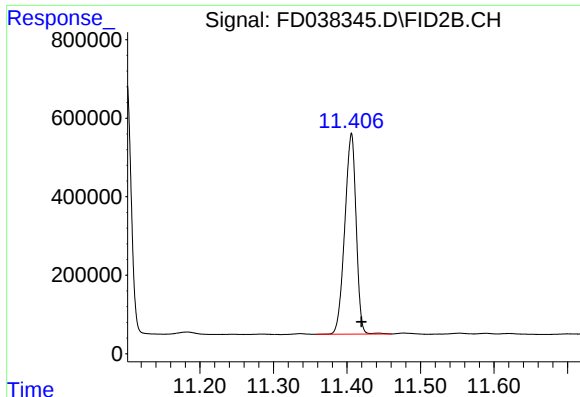
#7 n-Hexadecane (C16)

R.T.: 9.663 min
Delta R.T.: -0.013 min
Response: 7800038
Conc: 60.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.099 min
Delta R.T.: -0.012 min
Response: 7810601
Conc: 58.00 ug/ml



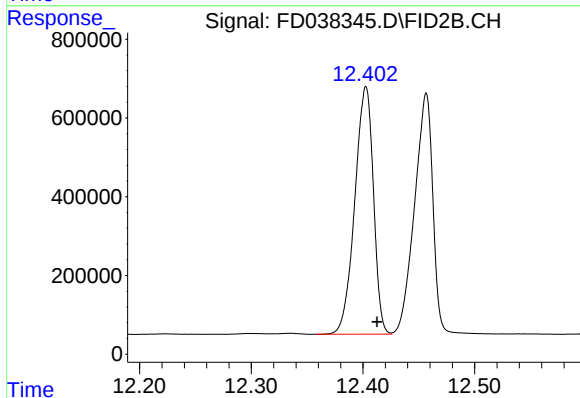
#9 ortho-Terphenyl (SURR)

R.T.: 11.406 min
Delta R.T.: -0.014 min
Response: 5489885
Conc: 37.98 ug/ml

Instrument :
FID_D
ClientSampleId :
1MS

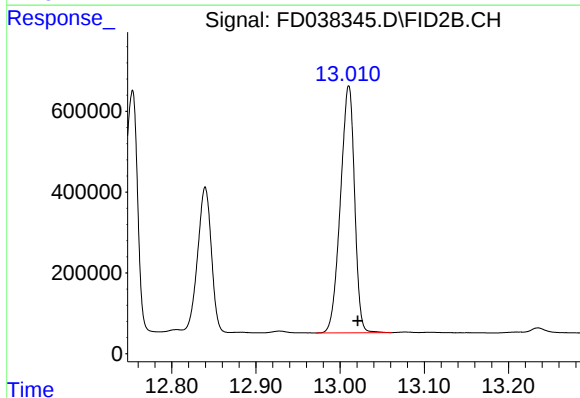
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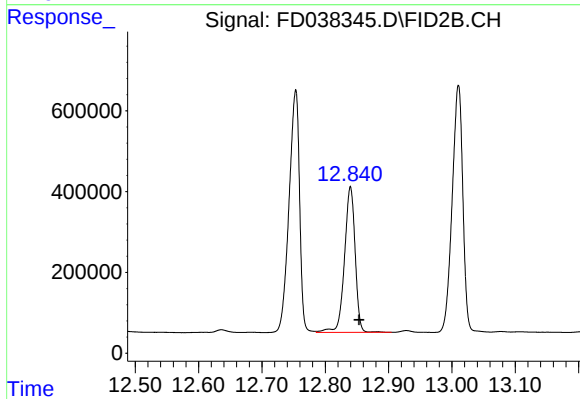
#10 n-Eicosane (C20)

R.T.: 12.402 min
Delta R.T.: -0.010 min
Response: 7296710
Conc: 54.32 ug/ml



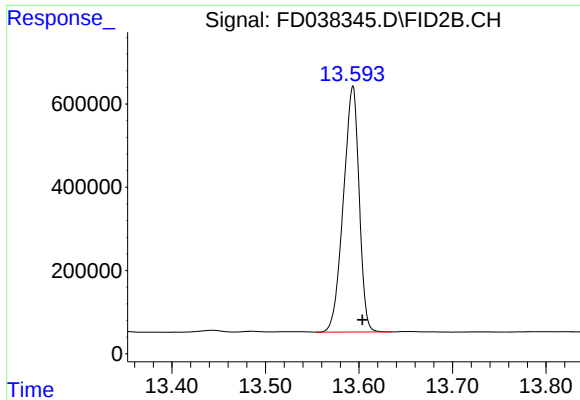
#11 n-Heneicosane (C21)

R.T.: 13.010 min
Delta R.T.: -0.011 min
Response: 7149362
Conc: 52.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.840 min
Delta R.T.: -0.014 min
Response: 4229012
Conc: 37.09 ug/ml



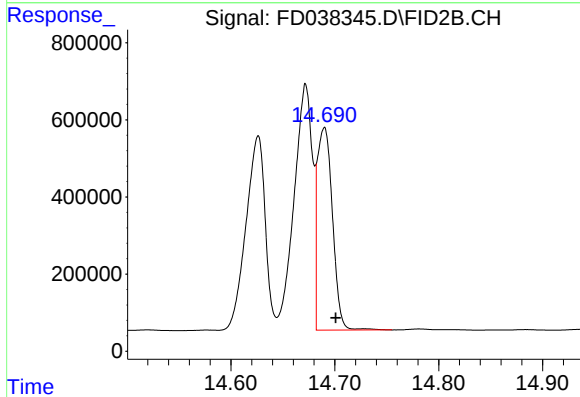
#13 n-Docosane (C22)

R.T.: 13.593 min
Delta R.T.: -0.010 min
Response: 6927023
Conc: 51.48 ug/ml

Instrument :
FID_D
ClientSampleId :
1MS

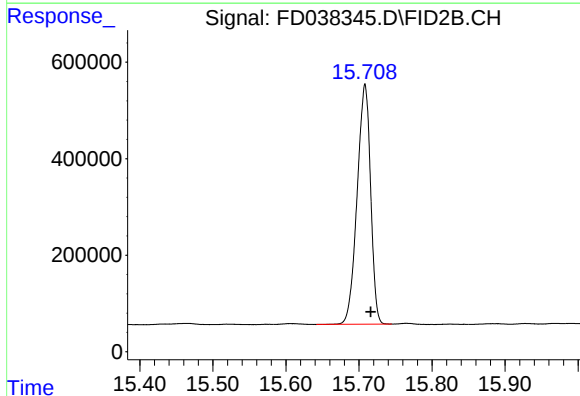
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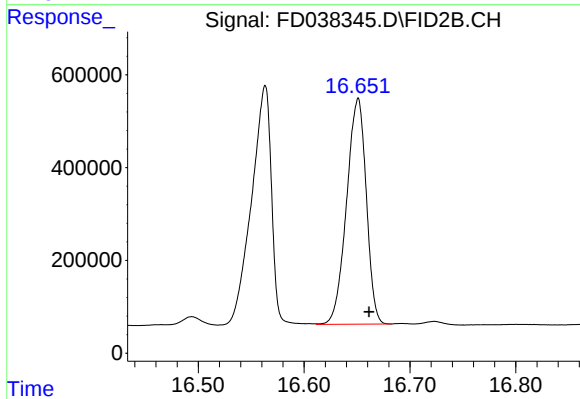
#14 n-Tetracosane (C24)

R.T.: 14.689 min
Delta R.T.: -0.012 min
Response: 5307137
Conc: 39.30 ug/ml



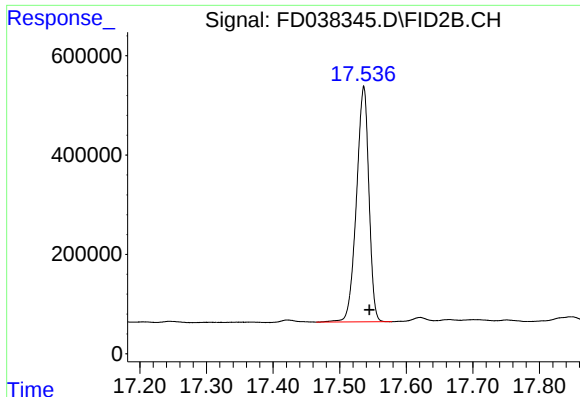
#15 n-Hexacosane (C26)

R.T.: 15.708 min
Delta R.T.: -0.008 min
Response: 6357301
Conc: 48.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.651 min
Delta R.T.: -0.011 min
Response: 6288614
Conc: 48.23 ug/ml



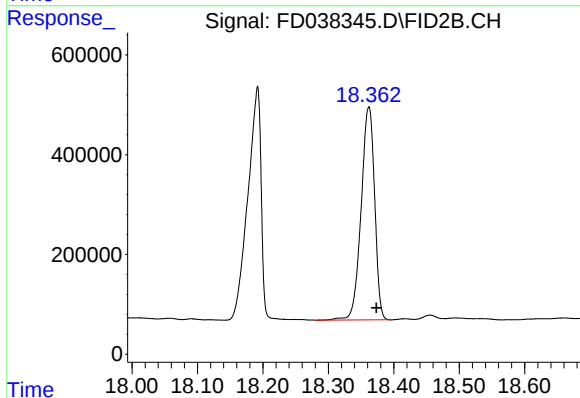
#17 n-Tricontane (C30)

R.T.: 17.536 min
Delta R.T.: -0.009 min
Response: 6149265
Conc: 48.12 ug/ml

Instrument :
FID_D
ClientSampleId :
1MS

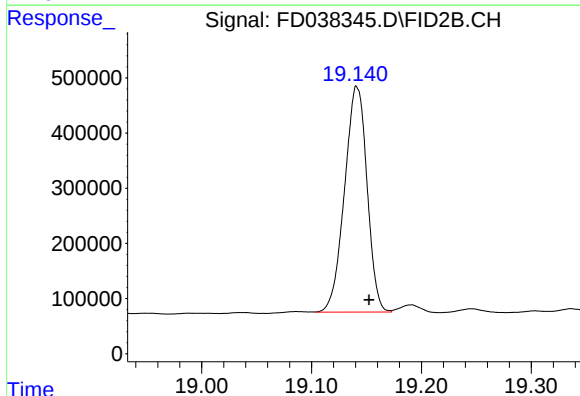
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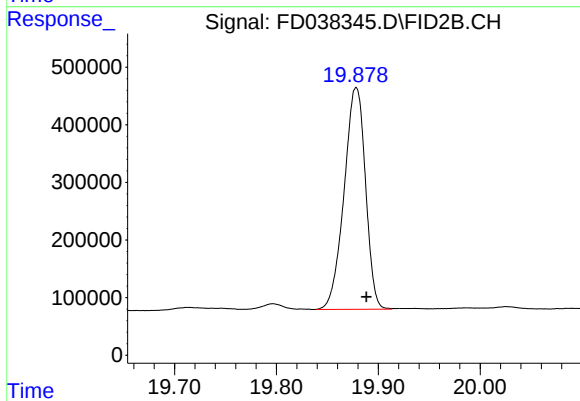
#18 n-Dotriacontane (C32)

R.T.: 18.362 min
Delta R.T.: -0.012 min
Response: 6115151
Conc: 49.70 ug/ml



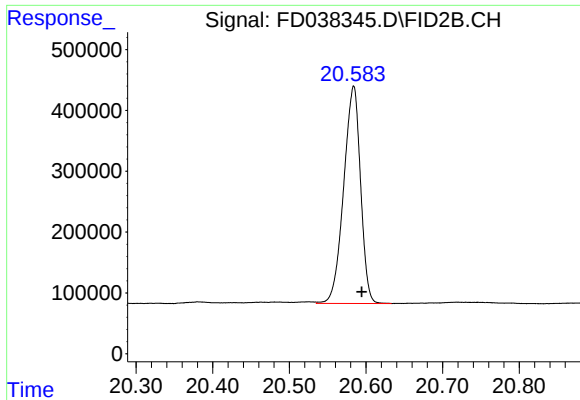
#19 n-Tetratriacontane (C34)

R.T.: 19.140 min
Delta R.T.: -0.012 min
Response: 5827300
Conc: 49.76 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.878 min
Delta R.T.: -0.011 min
Response: 5619755
Conc: 51.46 ug/ml m



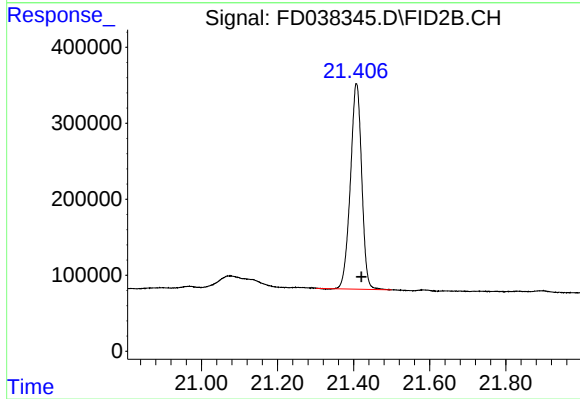
#21 n-Octatriacontane (C38)

R.T.: 20.583 min
Delta R.T.: -0.011 min
Response: 5465433
Conc: 54.26 ug/ml m

Instrument :
FID_D
ClientSampleId :
1MS

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#22 n-Tetracontane (C40)

R.T.: 21.407 min
Delta R.T.: -0.013 min
Response: 5589573
Conc: 57.15 ug/ml