

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081021AL\
 Data File : FD038473.D
 Signal(s) : FID2B.CH
 Acq On : 10 Aug 2021 20:30
 Operator : AJ\MA
 Sample : PB138268BSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB138268BSD

Manual Integrations
 APPROVED

mohammad
 8/12/2021 11:55:18 AM

Integration File: sample.E
 Quant Time: Aug 11 01:46:48 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	7381473	54.076 ug/ml
Spiked Amount 50.000		Recovery =	108.15%
12) S 1-chlorooctadecane (S...	12.805	5936116	55.202 ug/ml
Spiked Amount 50.000		Recovery =	110.40%
Target Compounds			
1) T n-Nonane (C9)	3.224	8247160	70.248 ug/ml
2) T n-Decane (C10)	4.261	8708836	73.864 ug/ml
3) T A~Naphthalene (C11.7)	5.814	9807306	75.131 ug/ml
4) T n-Dodecane (C12)	6.251	8963342	75.486 ug/ml
5) T A~2-methylnaphthalene...	6.863	9305383	71.111 ug/ml
6) T n-Tetradecane (C14)	8.037	8985321	73.932 ug/ml
7) T n-Hexadecane (C16)	9.628	8944128	73.183 ug/ml
8) T n-Octadecane (C18)	11.064	9133546	72.544 ug/ml
10) T n-Eicosane (C20)	12.367	8747704	69.396 ug/ml
11) T n-Heneicosane (C21)	12.975	8671332	67.929 ug/ml
13) T n-Docosane (C22)	13.558	8458890	66.447 ug/ml
14) T n-Tetracosane (C24)	14.655	7675446	59.670 ug/ml
15) T n-Hexacosane (C26)	15.673	7822216	61.423 ug/ml
16) T n-Octacosane (C28)	16.616	7532311	59.038 ug/ml
17) T n-Tricontane (C30)	17.501	6885778	54.348 ug/ml
18) T n-Dotriacontane (C32)	18.326	6343445	51.625 ug/ml
19) T n-Tetratriacontane (C34)	19.105	5622152	47.106 ug/mlm
20) T n-Hexatriacontane (C36)	19.840	4684287	42.029 ug/ml
21) T n-Octatriacontane (C38)	20.540	3767303	36.442 ug/ml
22) T n-Tetracontane (C40)	21.348	3317021	33.048 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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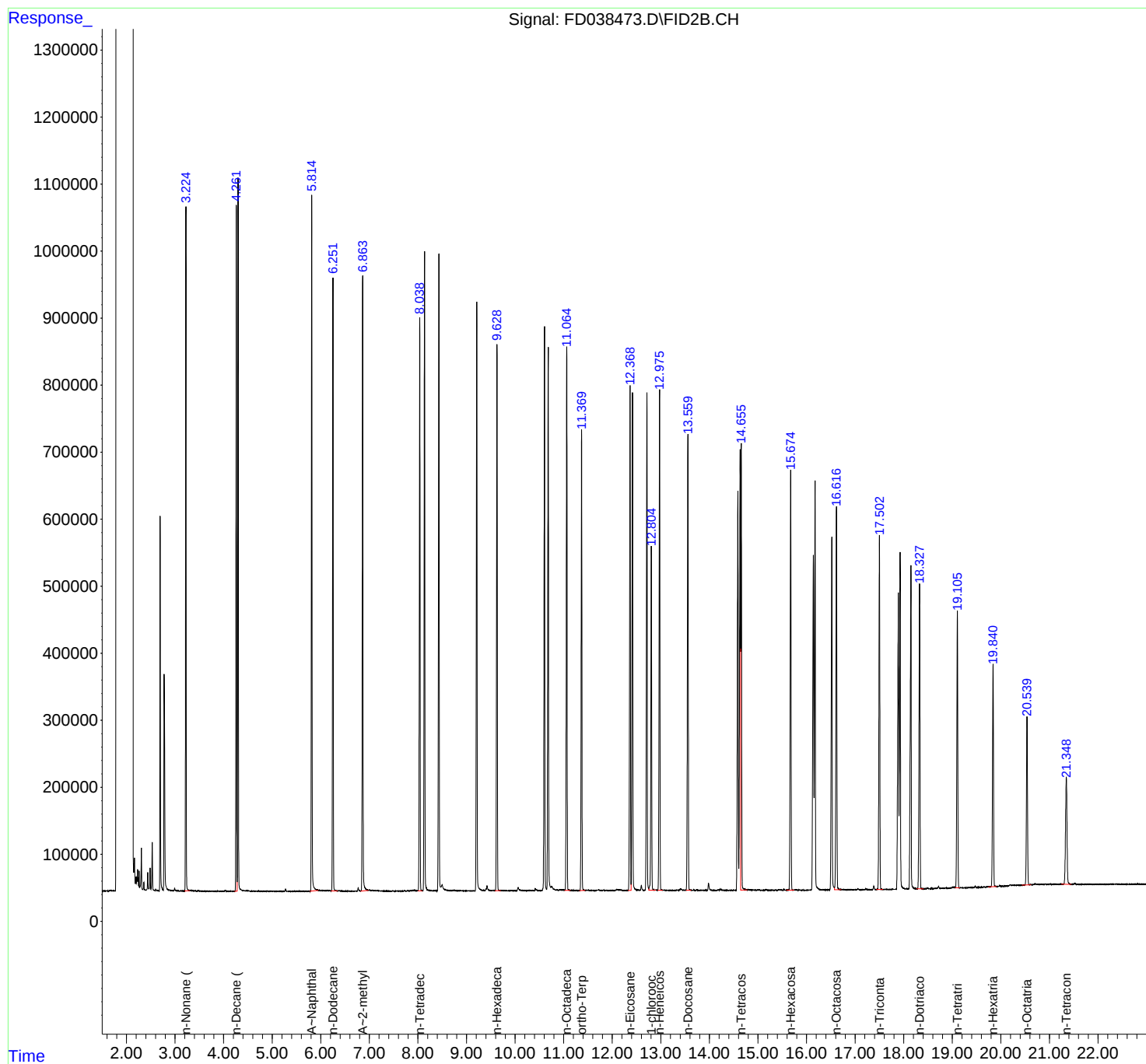
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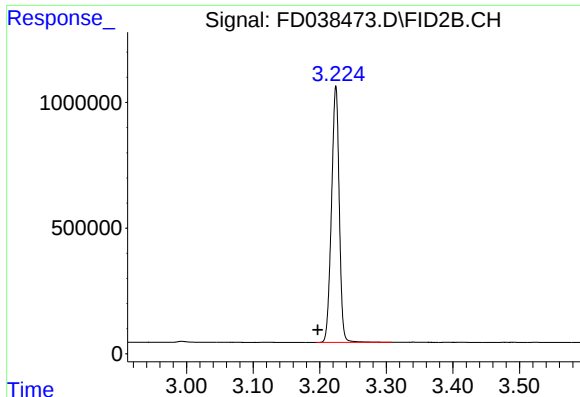
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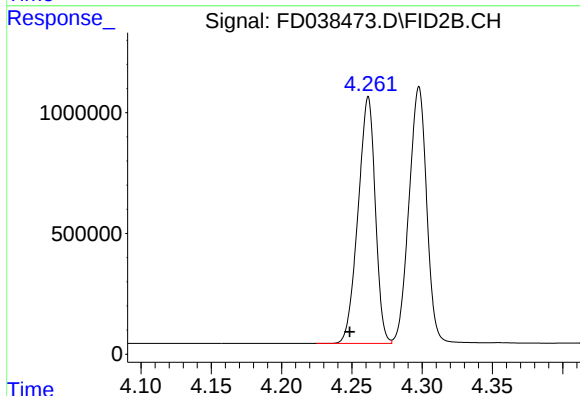
#1 n-Nonane (C9)

R.T.: 3.224 min
Delta R.T.: 0.027 min
Response: 8247160
Conc: 70.25 ug/ml

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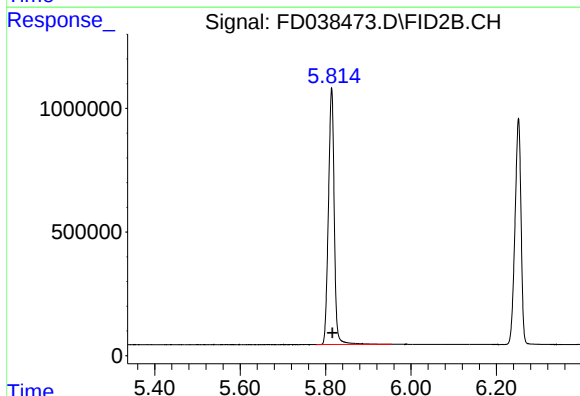
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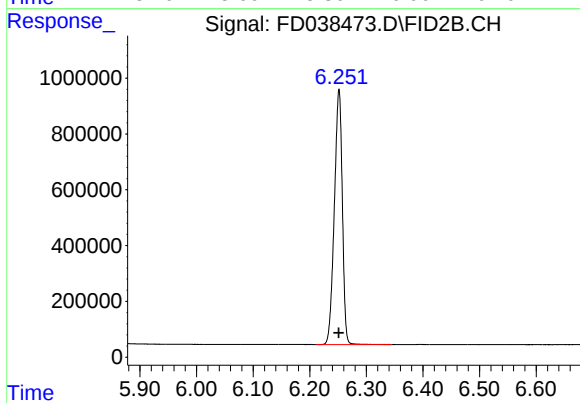
#2 n-Decane (C10)

R.T.: 4.261 min
Delta R.T.: 0.013 min
Response: 8708836
Conc: 73.86 ug/ml



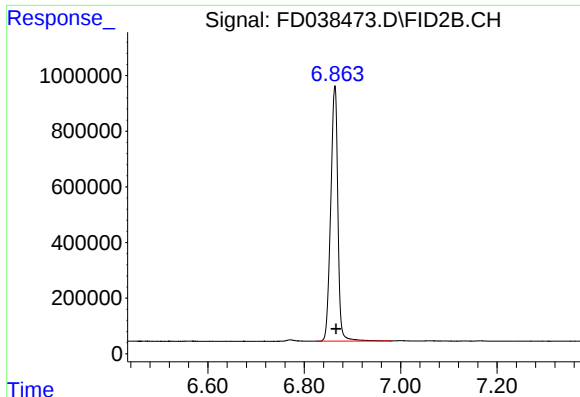
#3 A~Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: -0.002 min
Response: 9807306
Conc: 75.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 8963342
Conc: 75.49 ug/ml



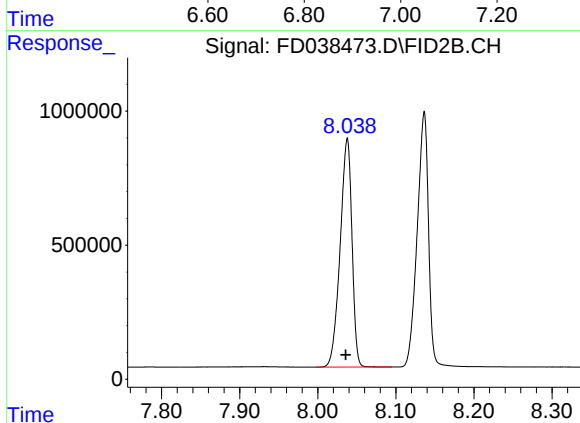
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.863 min
Delta R.T.: -0.003 min
Response: 9305383
Conc: 71.11 ug/ml

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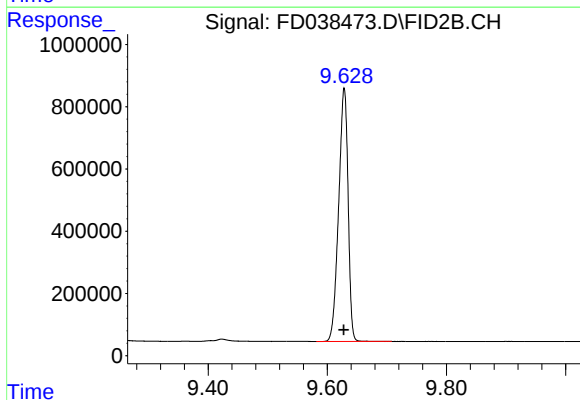
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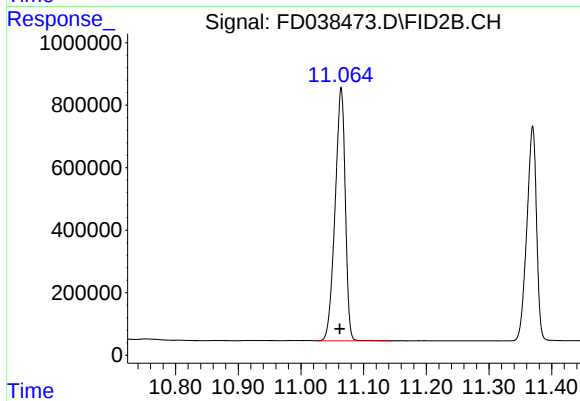
#6 n-Tetradecane (C14)

R.T.: 8.037 min
Delta R.T.: 0.002 min
Response: 8985321
Conc: 73.93 ug/ml



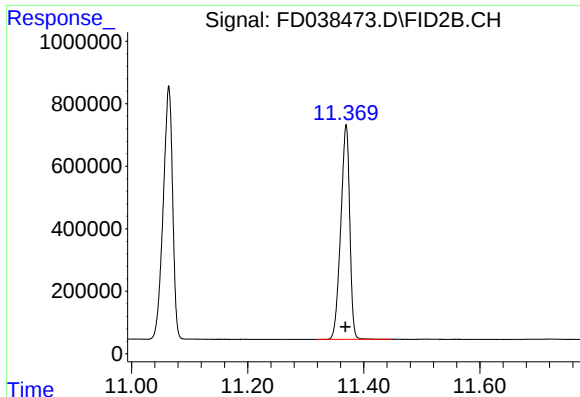
#7 n-Hexadecane (C16)

R.T.: 9.628 min
Delta R.T.: 0.000 min
Response: 8944128
Conc: 73.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.064 min
Delta R.T.: 0.002 min
Response: 9133546
Conc: 72.54 ug/ml



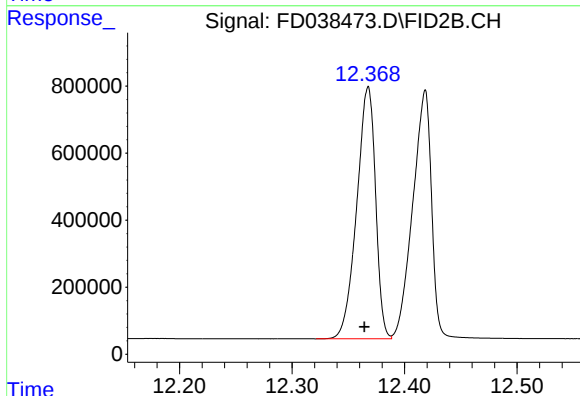
#9 ortho-Terphenyl (SURR)

R.T.: 11.369 min
Delta R.T.: 0.001 min
Response: 7381473
Conc: 54.08 ug/ml

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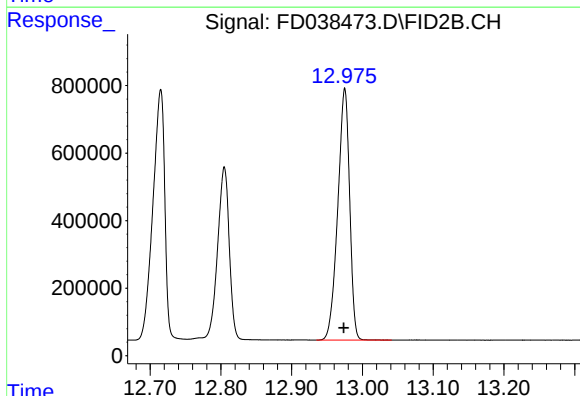
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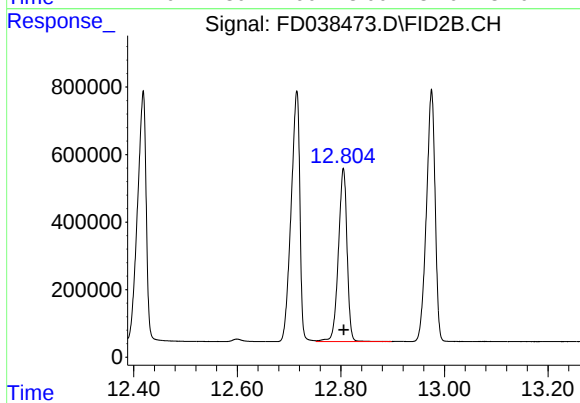
#10 n-Eicosane (C20)

R.T.: 12.367 min
Delta R.T.: 0.003 min
Response: 8747704
Conc: 69.40 ug/ml



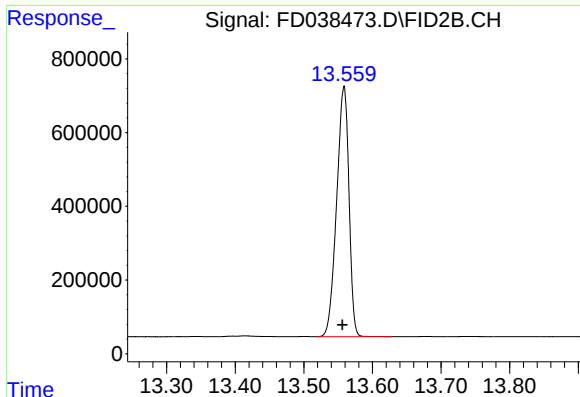
#11 n-Heneicosane (C21)

R.T.: 12.975 min
Delta R.T.: 0.001 min
Response: 8671332
Conc: 67.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.805 min
Delta R.T.: -0.001 min
Response: 5936116
Conc: 55.20 ug/ml



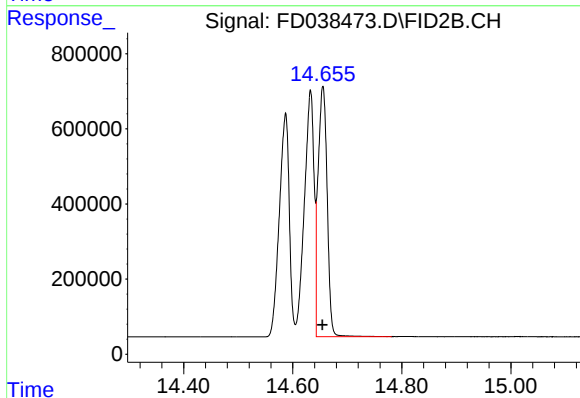
#13 n-Docosane (C22)

R.T.: 13.558 min
Delta R.T.: 0.002 min
Response: 8458890
Conc: 66.45 ug/ml

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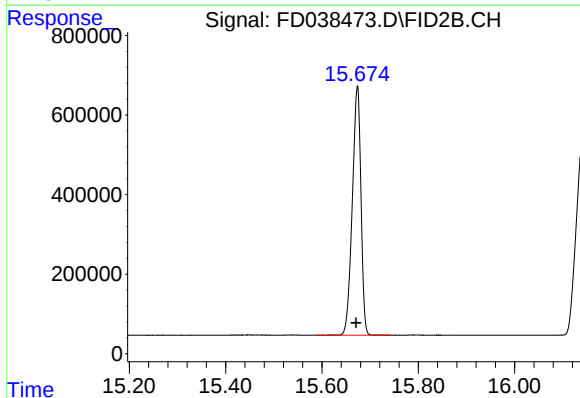
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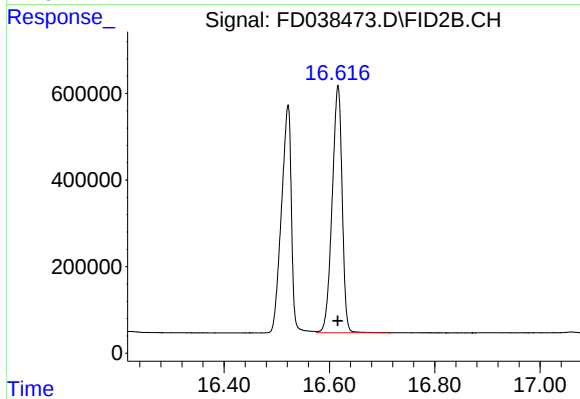
#14 n-Tetracosane (C24)

R.T.: 14.655 min
Delta R.T.: 0.000 min
Response: 7675446
Conc: 59.67 ug/ml



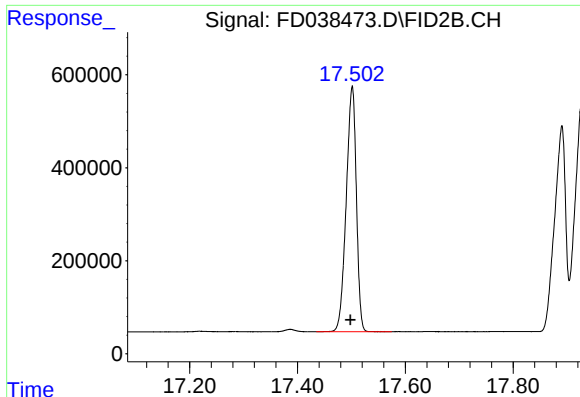
#15 n-Hexacosane (C26)

R.T.: 15.673 min
Delta R.T.: 0.002 min
Response: 7822216
Conc: 61.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.616 min
Delta R.T.: 0.000 min
Response: 7532311
Conc: 59.04 ug/ml



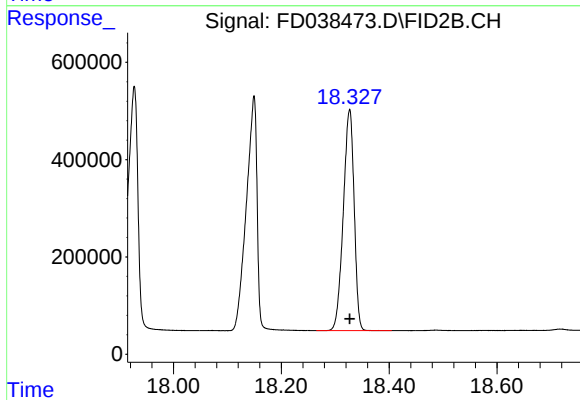
#17 n-Tricontane (C30)

R.T.: 17.501 min
Delta R.T.: 0.003 min
Response: 6885778
Conc: 54.35 ug/ml

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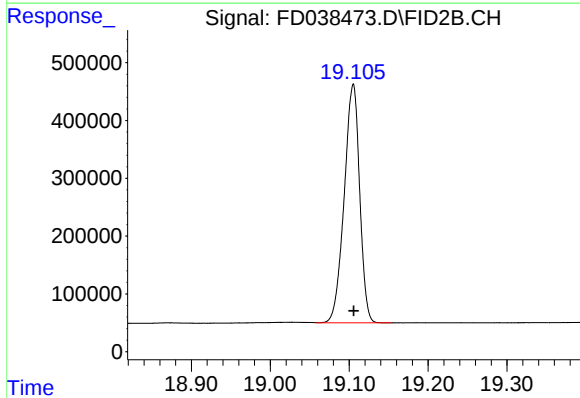
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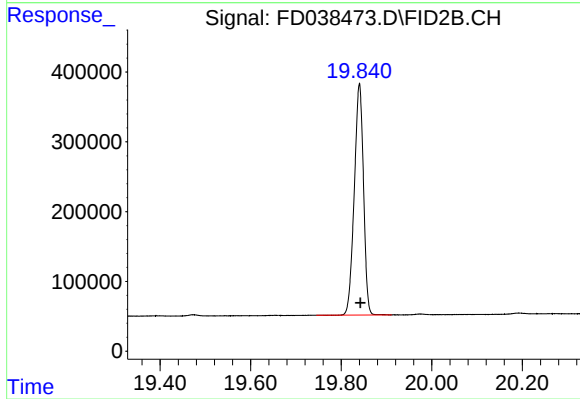
#18 n-Dotriacontane (C32)

R.T.: 18.326 min
Delta R.T.: 0.000 min
Response: 6343445
Conc: 51.62 ug/ml



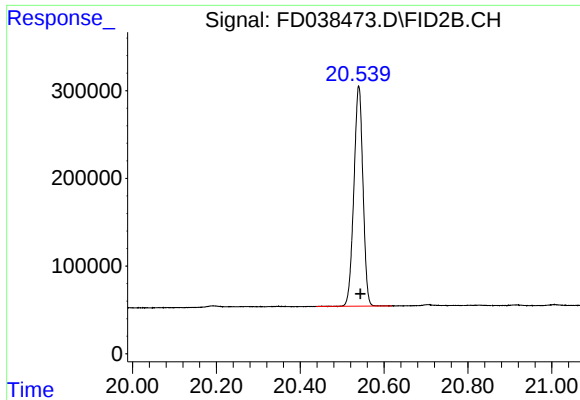
#19 n-Tetratriacontane (C34)

R.T.: 19.105 min
Delta R.T.: 0.000 min
Response: 5622152
Conc: 47.11 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.840 min
Delta R.T.: -0.002 min
Response: 4684287
Conc: 42.03 ug/ml



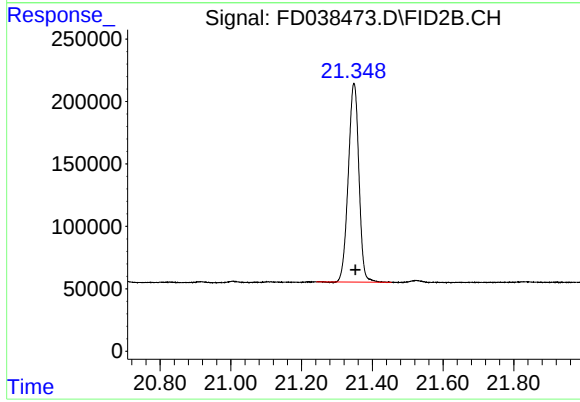
#21 n-Octatriacontane (C38)

R.T.: 20.540 min
Delta R.T.: -0.004 min
Response: 3767303
Conc: 36.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.348 min
Delta R.T.: -0.004 min
Response: 3317021
Conc: 33.05 ug/ml