

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081021AL\
 Data File : FD038497.D
 Signal(s) : FID2B.CH
 Acq On : 11 Aug 2021 12:43
 Operator : AJ\MA
 Sample : PB138268BSD
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB138268BSD

Manual Integrations
 APPROVED

mohammad
 8/12/2021 11:55:31 AM

Integration File: sample.E
 Quant Time: Aug 11 15:41:49 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)	11.378	5627883	41.229 ug/ml
Spiked Amount 50.000		Recovery =	82.46%
12) S 1-chlorooctadecane (S...	12.814	4624254	43.003 ug/ml
Spiked Amount 50.000		Recovery =	86.01%
Target Compounds			
1) T n-Nonane (C9)	3.200	4316279	36.765 ug/ml
2) T n-Decane (C10)	4.253	5401460	45.813 ug/ml
3) T A~Naphthalene (C11.7)	5.817	6459857	49.487 ug/ml
4) T n-Dodecane (C12)	6.255	5959584	50.189 ug/ml
5) T A~2-methylnaphthalene...	6.869	6332822	48.395 ug/ml
6) T n-Tetradecane (C14)	8.043	6253061	51.451 ug/ml
7) T n-Hexadecane (C16)	9.634	6688581	54.728 ug/ml
8) T n-Octadecane (C18)	11.071	7151696	56.803 ug/ml
10) T n-Eicosane (C20)	12.375	6910423	54.820 ug/ml
11) T n-Heneicosane (C21)	12.983	6833764	53.534 ug/ml
13) T n-Docosane (C22)	13.567	6646315	52.208 ug/ml
14) T n-Tetracosane (C24)	14.647	12291998	95.559 ug/ml
15) T n-Hexacosane (C26)	15.683	6167693	48.431 ug/ml
16) T n-Octacosane (C28)	16.627	6101635	47.824 ug/ml
17) T n-Tricontane (C30)	17.513	5841898	46.109 ug/ml
18) T n-Dotriacontane (C32)	18.339	5770539	46.962 ug/ml
19) T n-Tetratriacontane (C34)	19.118	5446650	45.636 ug/mlm
20) T n-Hexatriacontane (C36)	19.855	5479002	49.160 ug/mlm
21) T n-Octatriacontane (C38)	20.557	5122048	49.546 ug/mlm
22) T n-Tetracontane (C40)	21.371	5058817	50.402 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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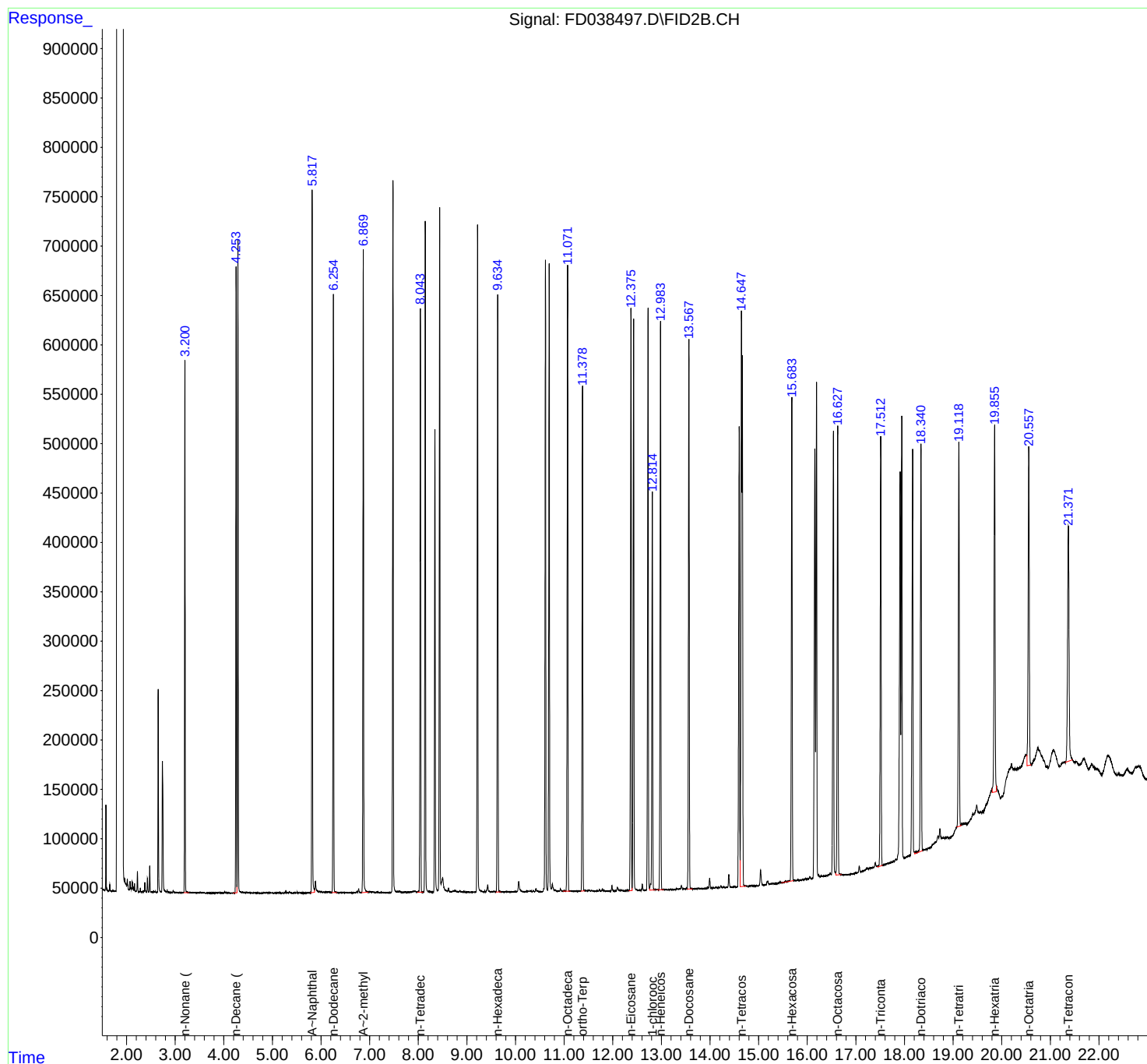
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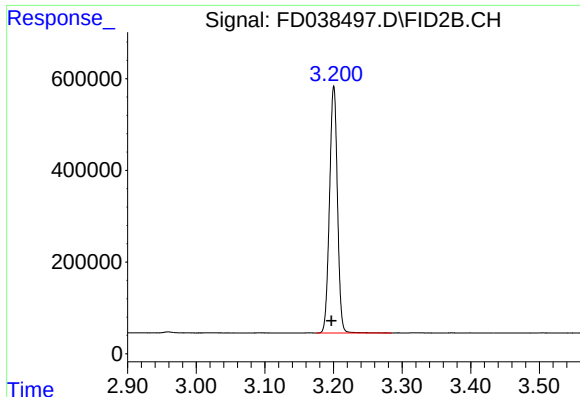
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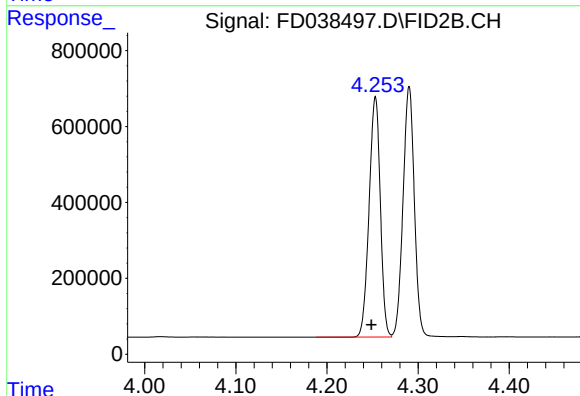
#1 n-Nonane (C9)

R.T.: 3.200 min
Delta R.T.: 0.003 min
Response: 4316279
Conc: 36.77 ug/ml

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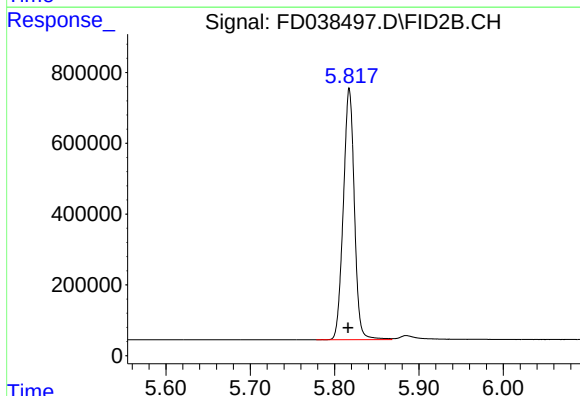
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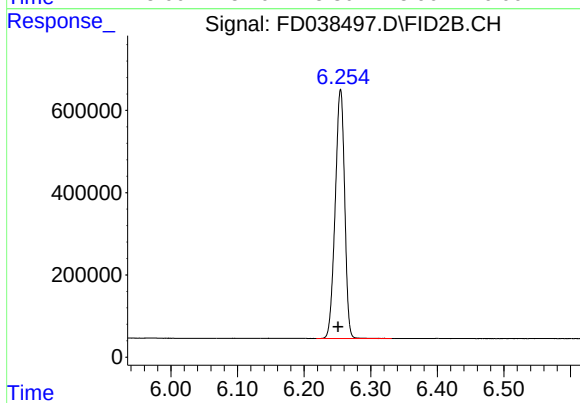
#2 n-Decane (C10)

R.T.: 4.253 min
Delta R.T.: 0.004 min
Response: 5401460
Conc: 45.81 ug/ml



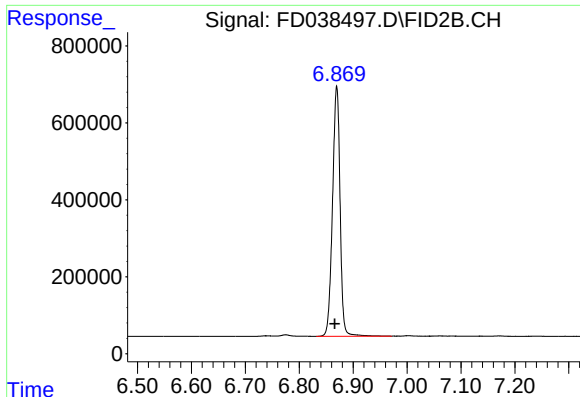
#3 A~Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: 0.002 min
Response: 6459857
Conc: 49.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.255 min
Delta R.T.: 0.003 min
Response: 5959584
Conc: 50.19 ug/ml



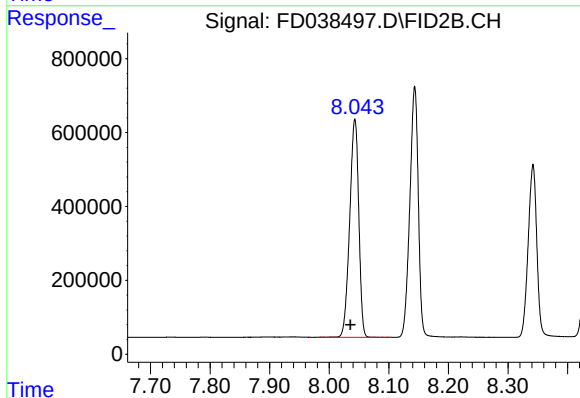
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.869 min
Delta R.T.: 0.003 min
Response: 6332822
Conc: 48.39 ug/ml

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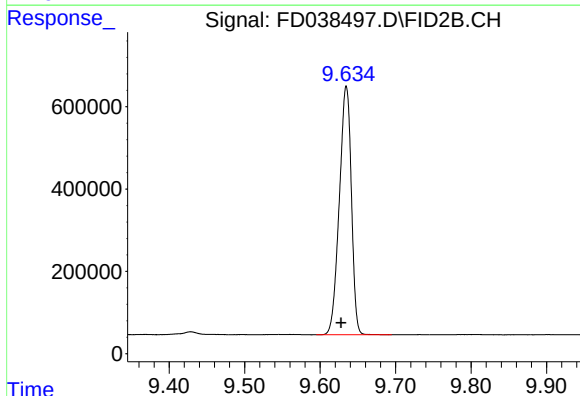
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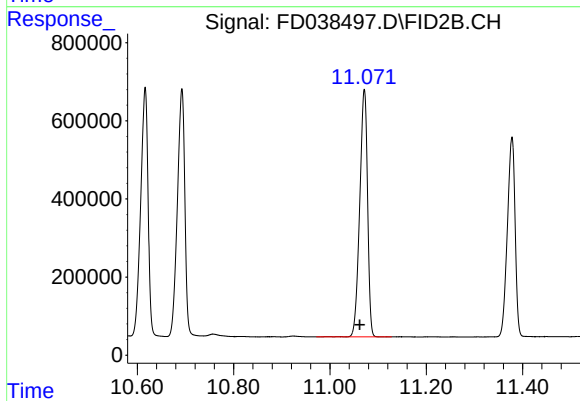
#6 n-Tetradecane (C14)

R.T.: 8.043 min
Delta R.T.: 0.007 min
Response: 6253061
Conc: 51.45 ug/ml



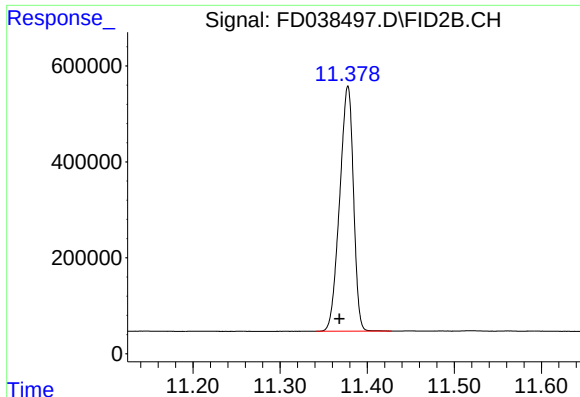
#7 n-Hexadecane (C16)

R.T.: 9.634 min
Delta R.T.: 0.007 min
Response: 6688581
Conc: 54.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.071 min
Delta R.T.: 0.009 min
Response: 7151696
Conc: 56.80 ug/ml



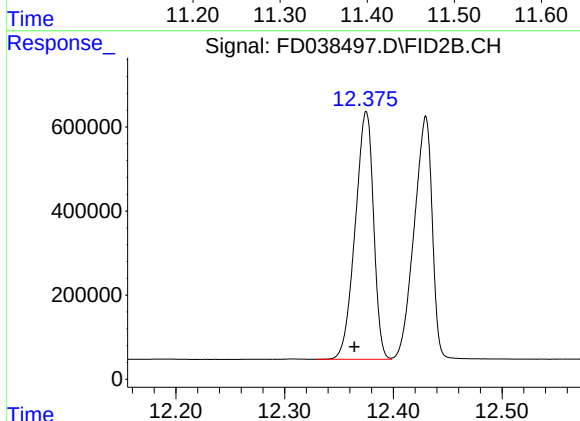
#9 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: 0.010 min
Response: 5627883
Conc: 41.23 ug/ml

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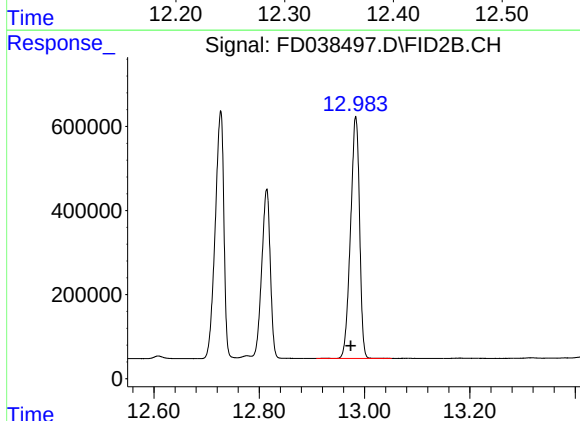
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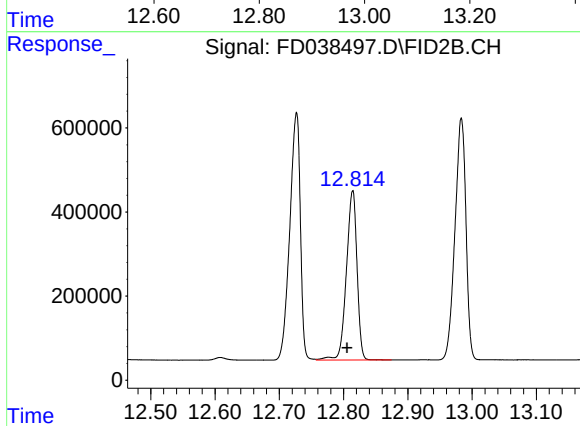
#10 n-Eicosane (C20)

R.T.: 12.375 min
Delta R.T.: 0.010 min
Response: 6910423
Conc: 54.82 ug/ml



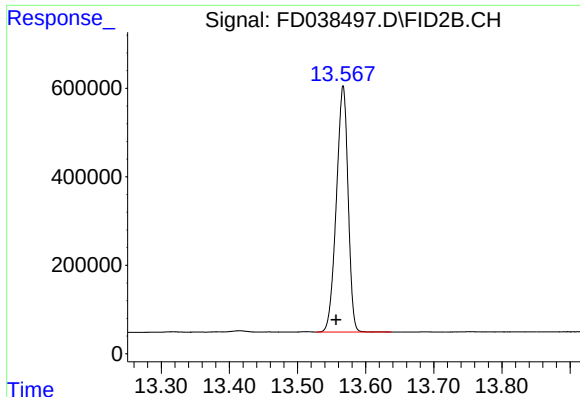
#11 n-Heneicosane (C21)

R.T.: 12.983 min
Delta R.T.: 0.010 min
Response: 6833764
Conc: 53.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.814 min
Delta R.T.: 0.008 min
Response: 4624254
Conc: 43.00 ug/ml



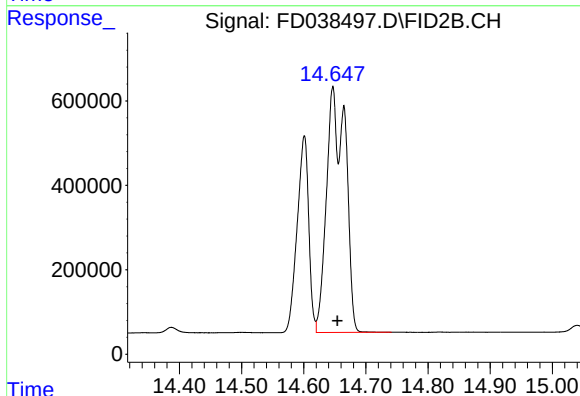
#13 n-Docosane (C22)

R.T.: 13.567 min
Delta R.T.: 0.010 min
Response: 6646315
Conc: 52.21 ug/ml

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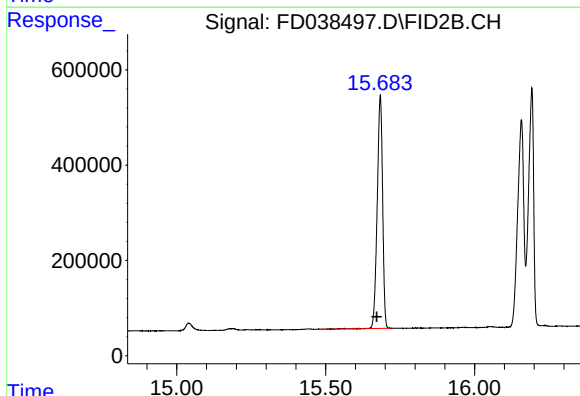
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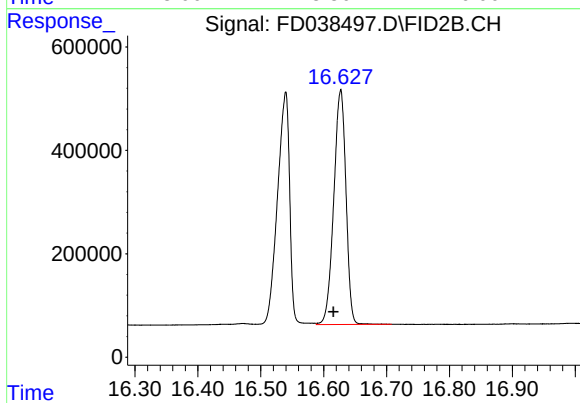
#14 n-Tetracosane (C24)

R.T.: 14.647 min
Delta R.T.: -0.008 min
Response: 12291998
Conc: 95.56 ug/ml



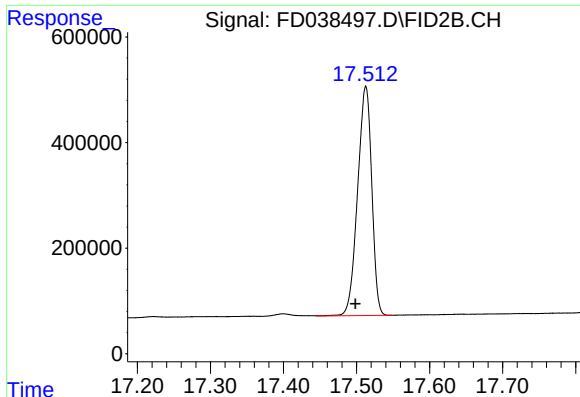
#15 n-Hexacosane (C26)

R.T.: 15.683 min
Delta R.T.: 0.012 min
Response: 6167693
Conc: 48.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.627 min
Delta R.T.: 0.011 min
Response: 6101635
Conc: 47.82 ug/ml



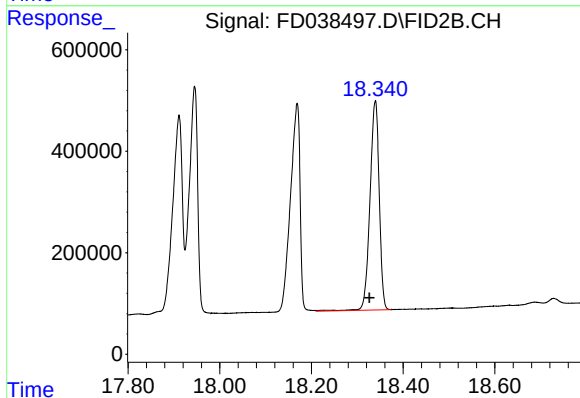
#17 n-Tricontane (C30)

R.T.: 17.513 min
Delta R.T.: 0.014 min
Response: 5841898
Conc: 46.11 ug/ml

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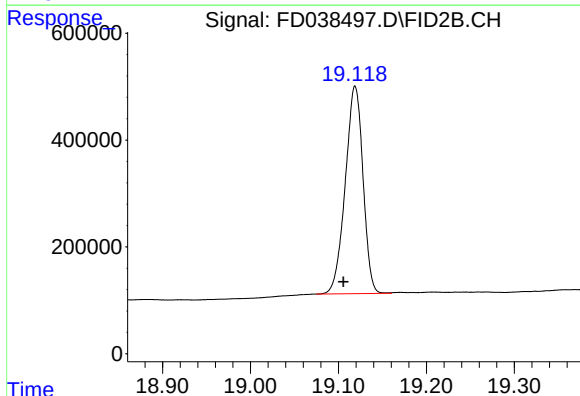
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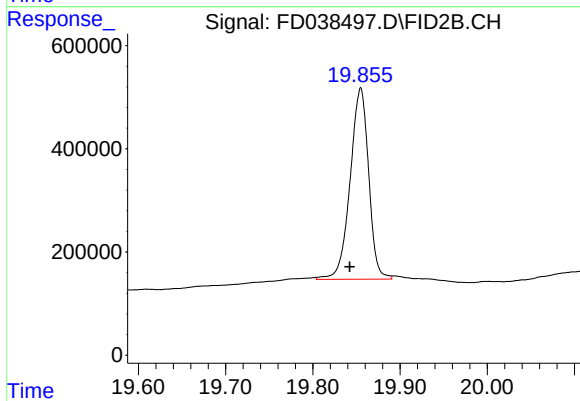
#18 n-Dotriacontane (C32)

R.T.: 18.339 min
Delta R.T.: 0.012 min
Response: 5770539
Conc: 46.96 ug/ml



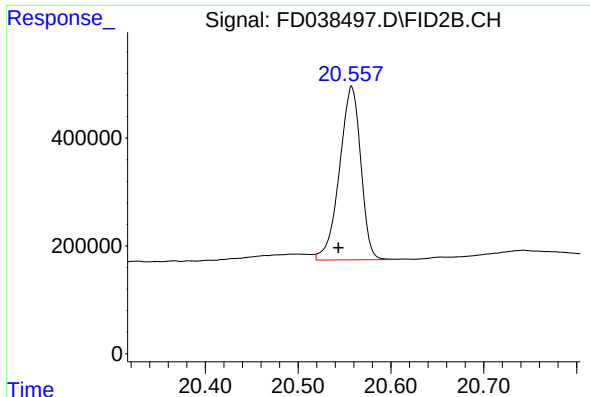
#19 n-Tetratriacontane (C34)

R.T.: 19.118 min
Delta R.T.: 0.013 min
Response: 5446650
Conc: 45.64 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.855 min
Delta R.T.: 0.012 min
Response: 5479002
Conc: 49.16 ug/ml m



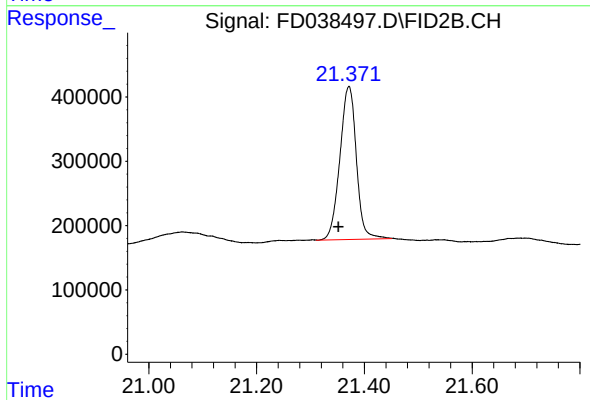
#21 n-Octatriacontane (C38)

R.T.: 20.557 min
Delta R.T.: 0.013 min
Response: 5122048
Conc: 49.55 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.371 min
Delta R.T.: 0.019 min
Response: 5058817
Conc: 50.40 ug/ml m