

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020620AL\
 Data File : FD032304.D
 Signal(s) : FID2B.CH
 Acq On : 06 Feb 2020 14:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Sohil
 2/10/2020 11:39:55 AM

Integration File: autoint1.e
 Quant Time: Feb 07 06:00:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 06:50:50 2020
 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)	11.532	2993154	19.643 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
12) S 1-chlorooctadecane (S...	12.963	2307366	19.543 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
Target Compounds			
1) T n-Nonane (C9)	3.331	2669762	19.730 ug/ml
2) T n-Decane (C10)	4.393	2687369	19.843 ug/ml
3) T A~Naphthalene (C11.7)	5.970	3004564	19.677 ug/ml
4) T n-Dodecane (C12)	6.402	2707130	19.790 ug/ml
5) T A~2-methylnaphthalene...	7.021	3031420	19.716 ug/ml
6) T n-Tetradecane (C14)	8.188	2712670	19.656 ug/ml
7) T n-Hexadecane (C16)	9.782	2724862	19.777 ug/ml
8) T n-Octadecane (C18)	11.217	2729645	19.733 ug/ml
10) T n-Eicosane (C20)	12.520	2723572	19.665 ug/ml
11) T n-Heneicosane (C21)	13.130	2724833	19.486 ug/ml
13) T n-Docosane (C22)	13.714	2724436	19.638 ug/ml
14) T n-Tetracosane (C24)	14.813	2748005	19.794 ug/ml
15) T n-Hexacosane (C26)	15.829	2730541	19.949 ug/ml
16) T n-Octacosane (C28)	16.775	2682308	20.006 ug/ml
17) T n-Tricontane (C30)	17.658	2553733	19.848 ug/ml
18) T n-Dotriacontane (C32)	18.488	2157586	19.379 ug/ml
19) T n-Tetratriacontane (C34)	19.268	1781984	19.278 ug/ml
20) T n-Hexatriacontane (C36)	20.004	1653241	18.720 ug/mlm
21) T n-Octatriacontane (C38)	20.723	1447479	18.773 ug/ml
22) T n-Tetracontane (C40)	21.592	1551398	17.518 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

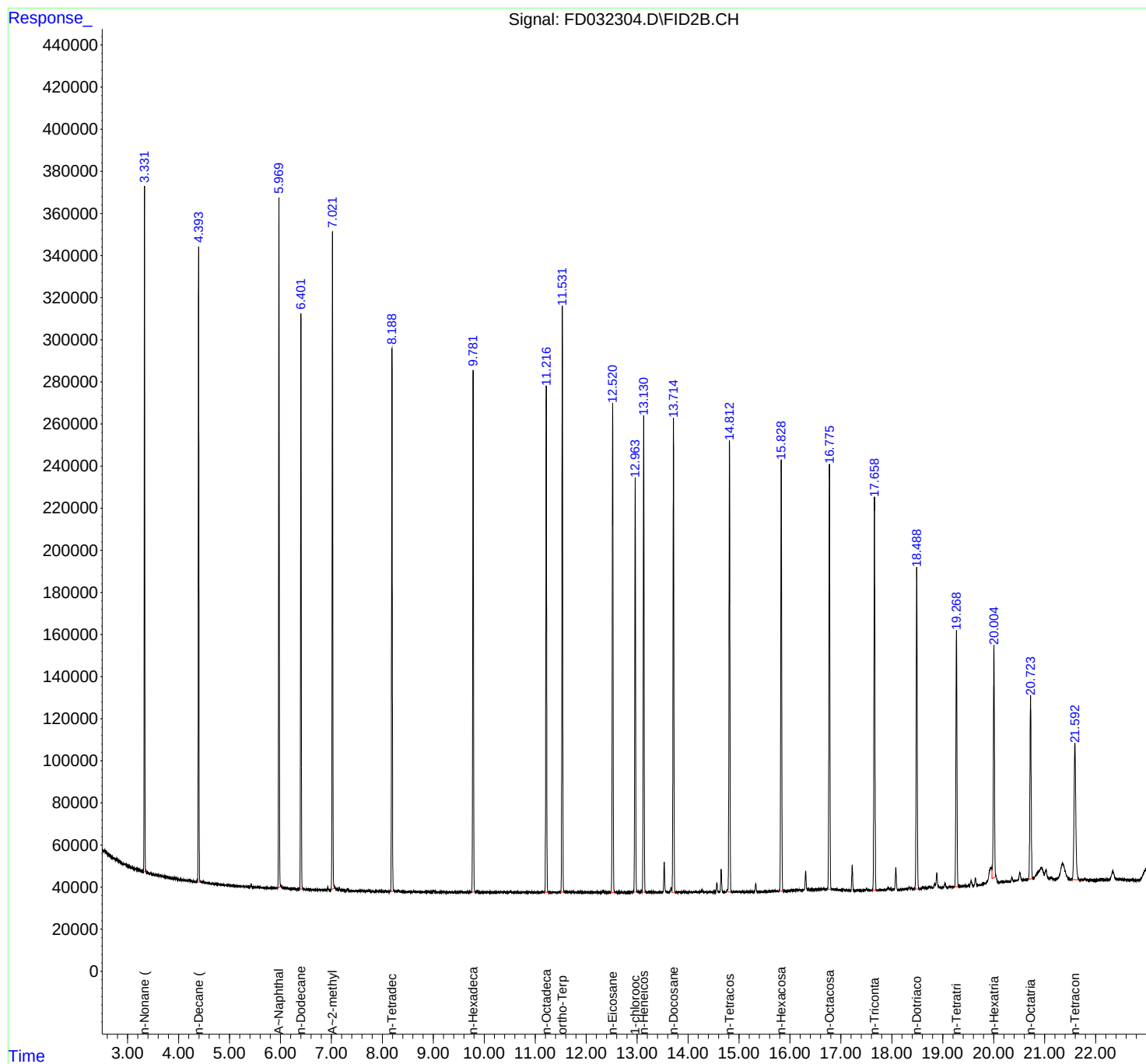
Instrument :
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20 PPM ALIPHATIC HC STD

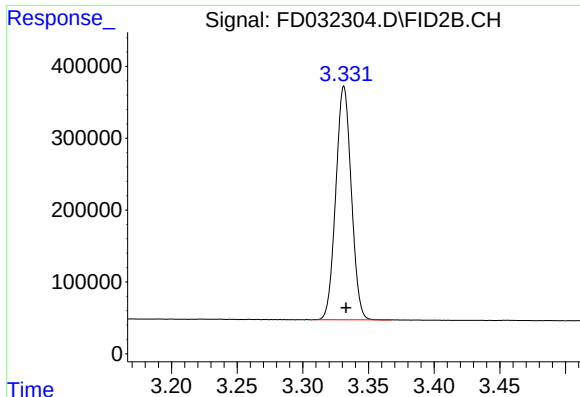
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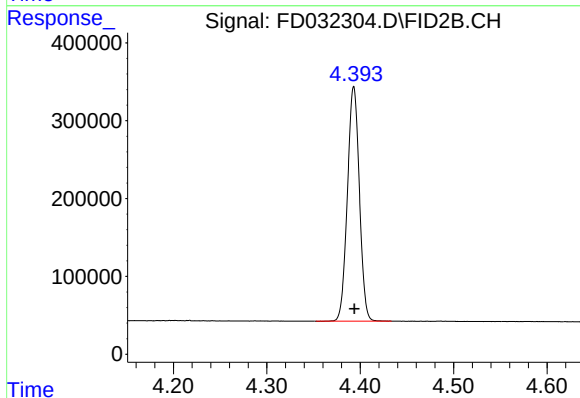
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 2669762
Conc: 19.73 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD

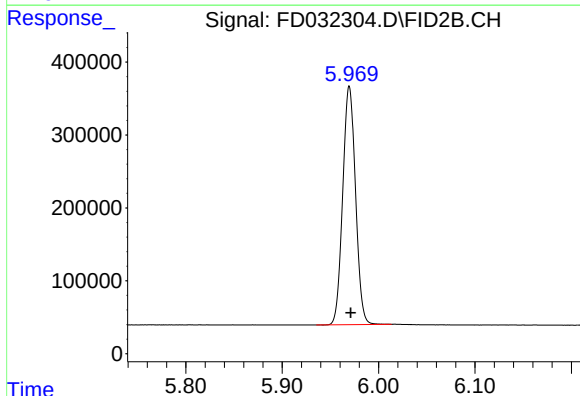
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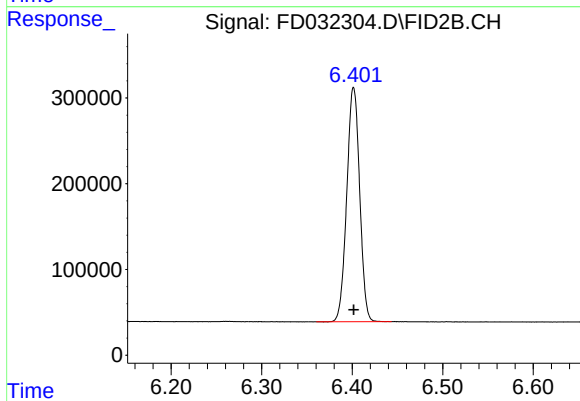
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 2687369
Conc: 19.84 ug/ml



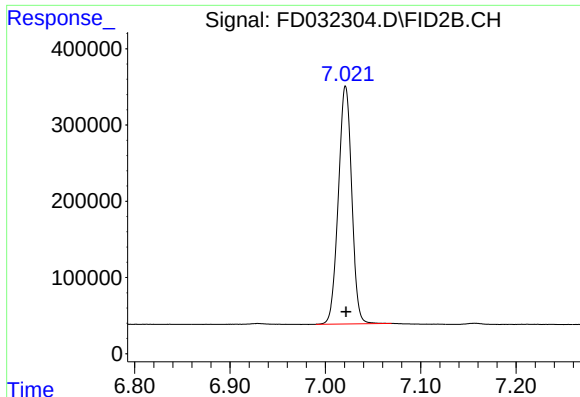
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.002 min
Response: 3004564
Conc: 19.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 2707130
Conc: 19.79 ug/ml



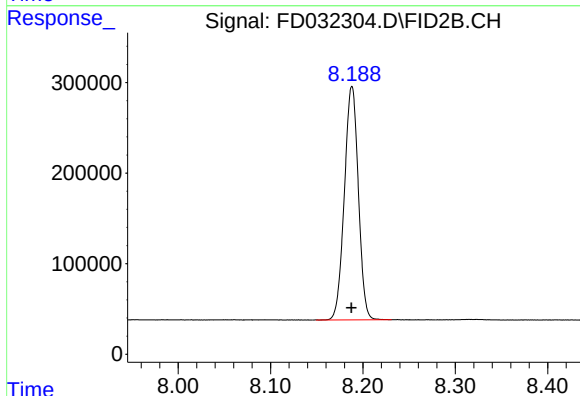
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 3031420
Conc: 19.72 ug/ml

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20 PPM ALIPHATIC HC STD

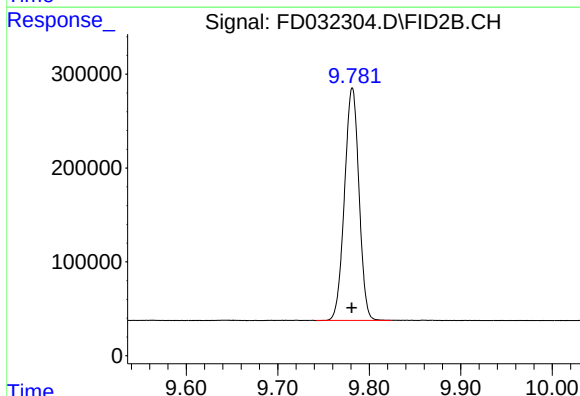
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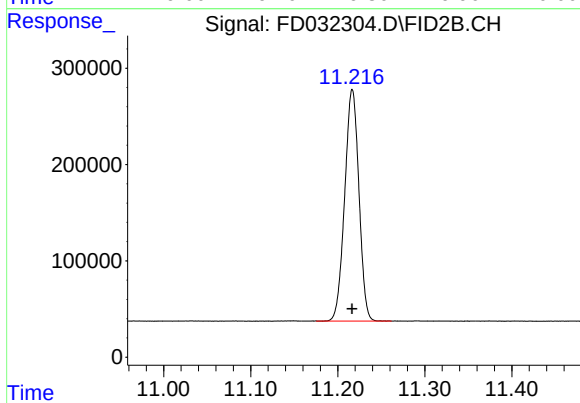
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 2712670
Conc: 19.66 ug/ml



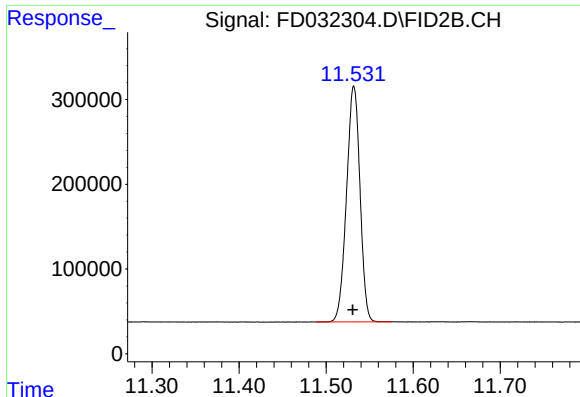
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: 0.000 min
Response: 2724862
Conc: 19.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: 0.000 min
Response: 2729645
Conc: 19.73 ug/ml



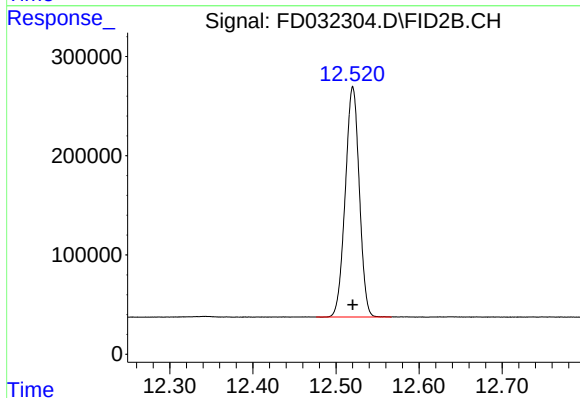
#9 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: 0.001 min
Response: 2993154
Conc: 19.64 ug/ml

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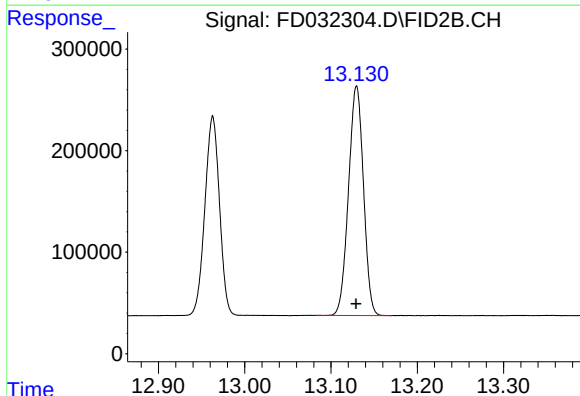
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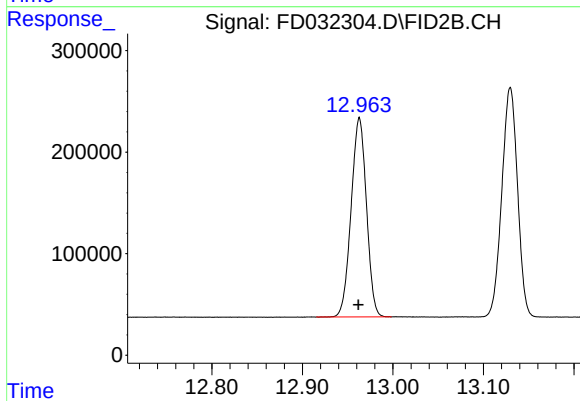
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: 0.000 min
Response: 2723572
Conc: 19.66 ug/ml



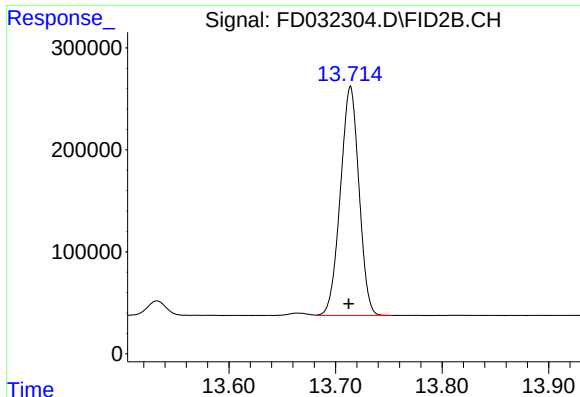
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: 0.000 min
Response: 2724833
Conc: 19.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 2307366
Conc: 19.54 ug/ml



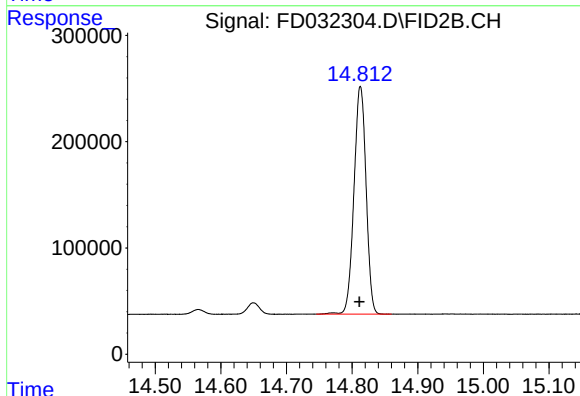
#13 n-Docosane (C22)

R.T.: 13.714 min
Delta R.T.: 0.002 min
Response: 2724436
Conc: 19.64 ug/ml

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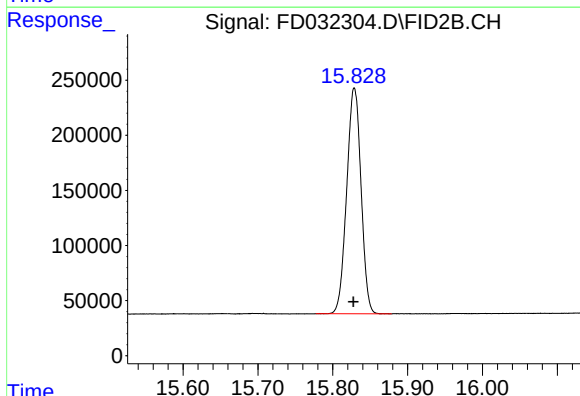
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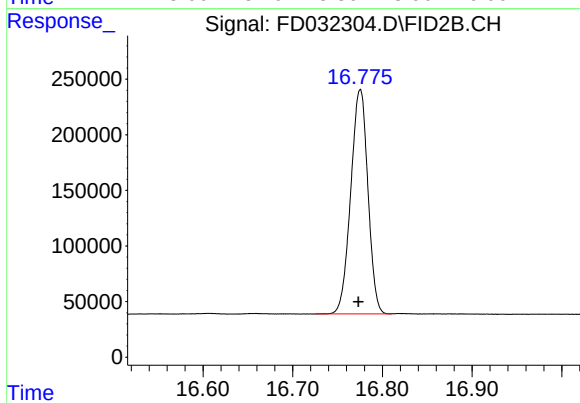
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: 0.002 min
Response: 2748005
Conc: 19.79 ug/ml



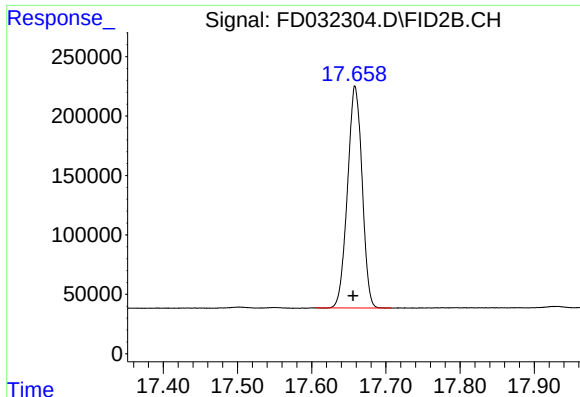
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: 0.001 min
Response: 2730541
Conc: 19.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.775 min
Delta R.T.: 0.002 min
Response: 2682308
Conc: 20.01 ug/ml



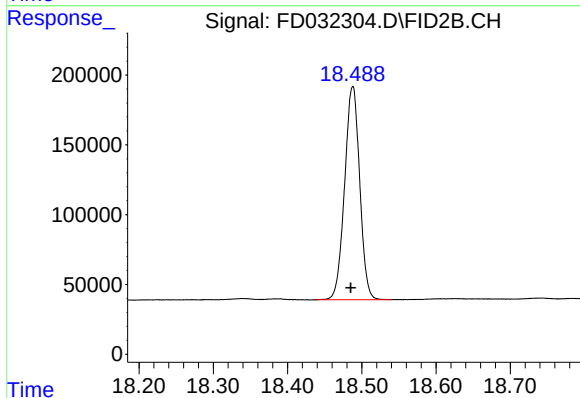
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.002 min
Response: 2553733
Conc: 19.85 ug/ml

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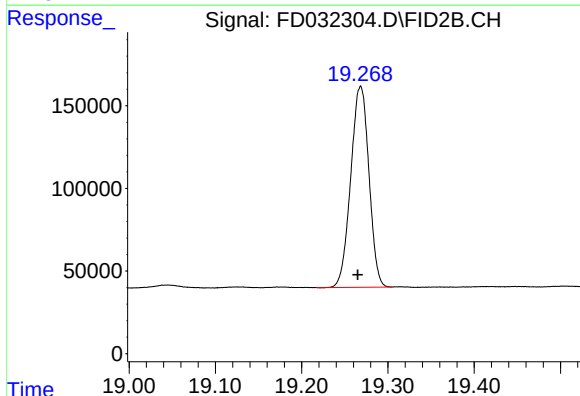
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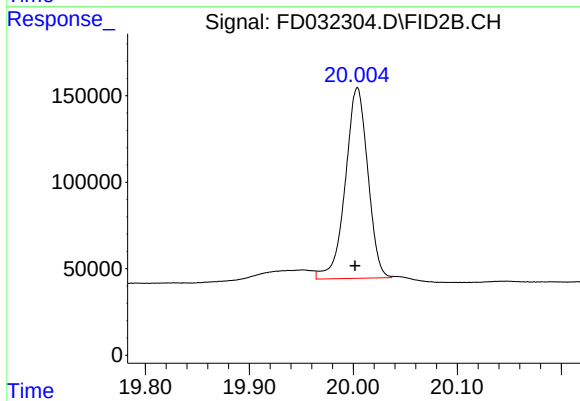
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.003 min
Response: 2157586
Conc: 19.38 ug/ml



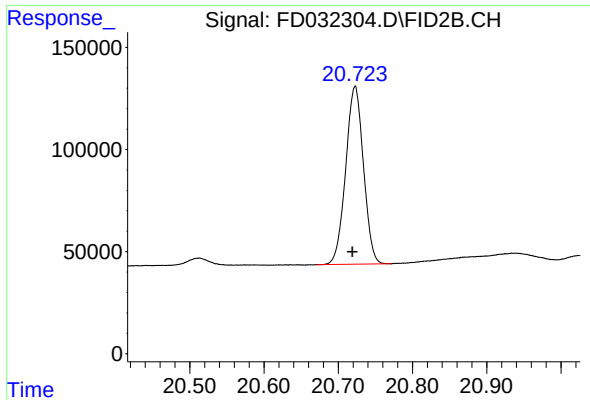
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: 0.003 min
Response: 1781984
Conc: 19.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: 0.002 min
Response: 1653241
Conc: 18.72 ug/ml m



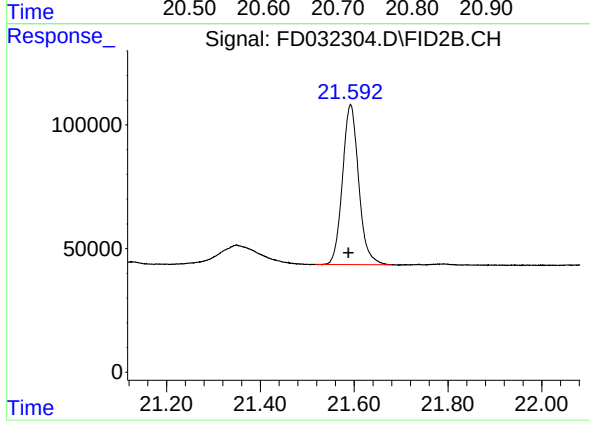
#21 n-Octatriacontane (C38)

R.T.: 20.723 min
Delta R.T.: 0.004 min
Response: 1447479
Conc: 18.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: 0.004 min
Response: 1551398
Conc: 17.52 ug/ml