

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032519AL\
 Data File : FD028481.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2019 20:48
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Manual Integrations
 APPROVED

Sohil
 3/26/2019 3:49:34 PM

Integration File: autoint1.e
 Quant Time: Mar 26 04:01:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 03:59:06 2019
 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)	11.030	2783732	19.963 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	12.451	2283496	20.962 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
Target Compounds			
1) T n-Nonane (C9)	2.866	1845837	20.136 ug/ml
2) T n-Decane (C10)	3.888	1894244	20.221 ug/ml
3) T A-Naphthalene (C11.7)	5.464	2128054	20.140 ug/ml
4) T n-Dodecane (C12)	5.882	1930395	20.333 ug/ml
5) T A~2-methylnaphthalene...	6.513	2154445	20.074 ug/ml
6) T n-Tetradecane (C14)	7.671	2024809	20.541 ug/ml
7) T n-Hexadecane (C16)	9.266	2130225	20.756 ug/ml
8) T n-Octadecane (C18)	10.703	2245891	20.903 ug/ml
10) T n-Eicosane (C20)	12.006	2304608	21.054 ug/ml
11) T n-Heneicosane (C21)	12.615	2304365	21.286 ug/ml
13) T n-Docosane (C22)	13.198	2311431	21.270 ug/ml
14) T n-Tetracosane (C24)	14.294	2298189	21.430 ug/ml
15) T n-Hexacosane (C26)	15.308	2249882	21.591 ug/ml
16) T n-Octacosane (C28)	16.252	2212011	21.776 ug/ml
17) T n-Tricontane (C30)	17.134	2132480	21.968 ug/ml
18) T n-Dotriacontane (C32)	17.961	2033251	22.711 ug/ml
19) T n-Tetratriacontane (C34)	18.768	1738569	22.545 ug/ml
20) T n-Hexatriacontane (C36)	19.777	1528034	22.833 ug/ml
21) T n-Octatriacontane (C38)	21.137	1440140	22.945 ug/ml
22) T n-Tetracontane (C40)	23.033	1420854	23.026 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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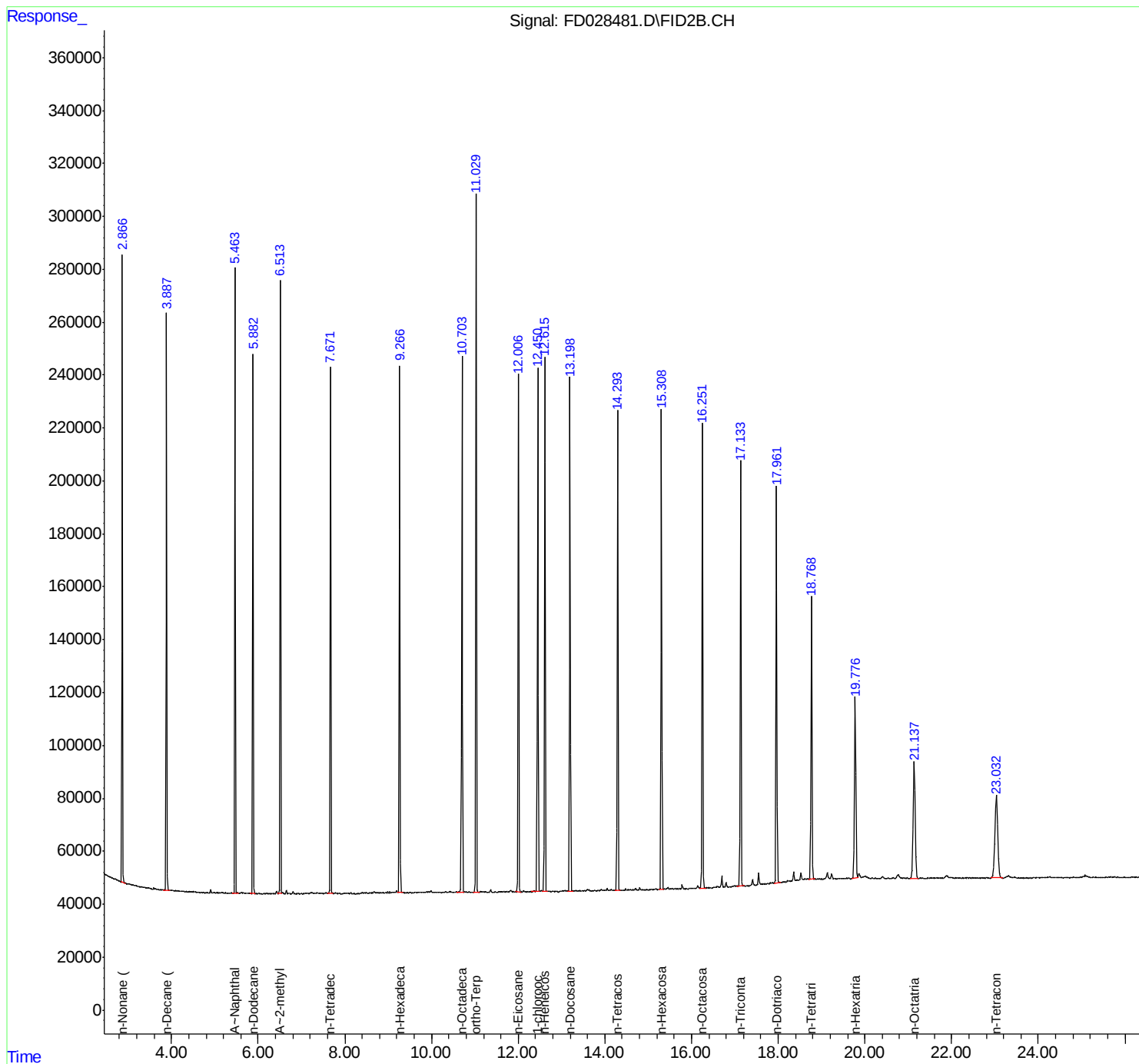
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20 PPM ALIPHATIC HC STD3

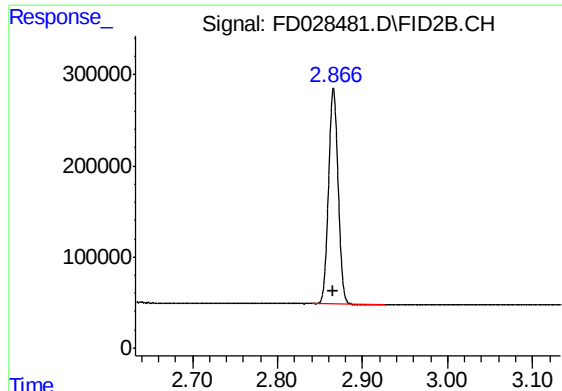
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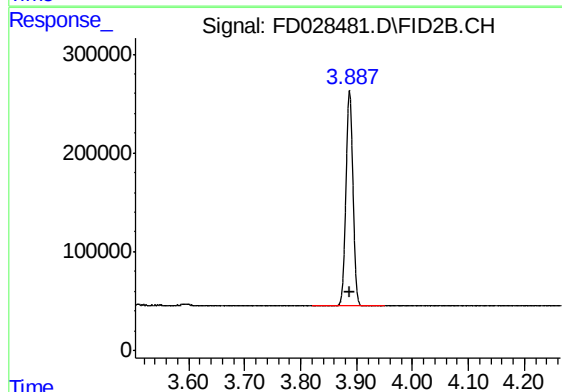
#1 n-Nonane (C9)

R.T.: 2.866 min
Delta R.T.: 0.000 min
Response: 1845837
Conc: 20.14 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3

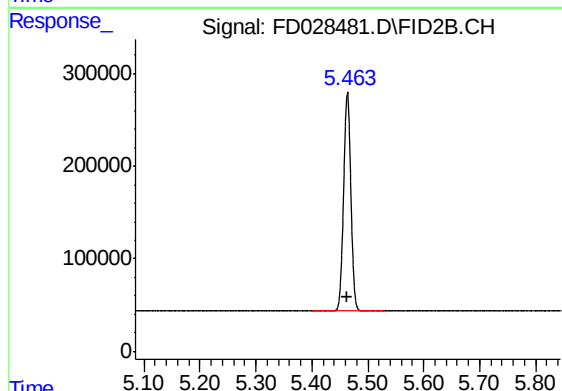
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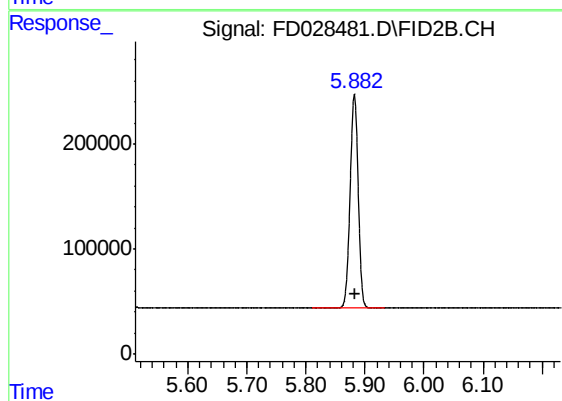
#2 n-Decane (C10)

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 1894244
Conc: 20.22 ug/ml



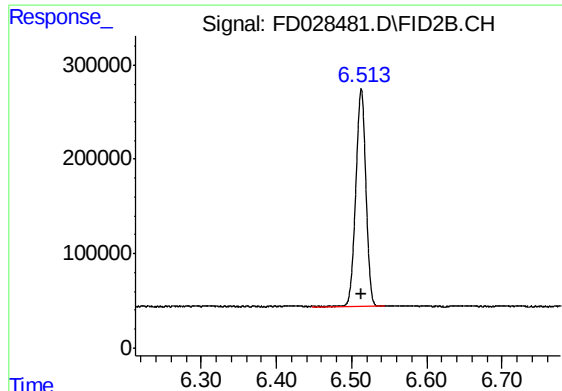
#3 A~Naphthalene (C11.7)

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 2128054
Conc: 20.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 1930395
Conc: 20.33 ug/ml



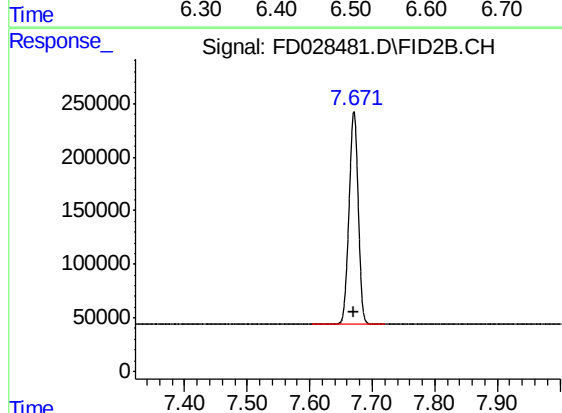
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 2154445
Conc: 20.07 ug/ml

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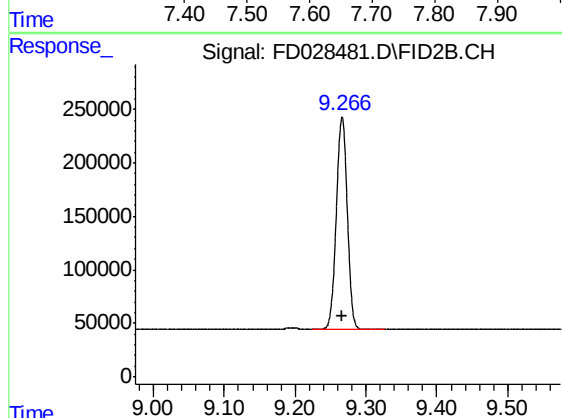
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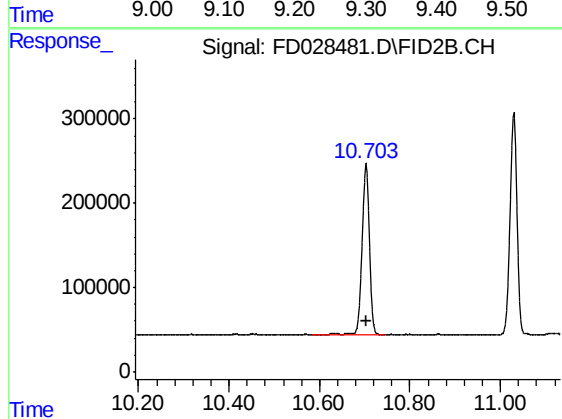
#6 n-Tetradecane (C14)

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 2024809
Conc: 20.54 ug/ml



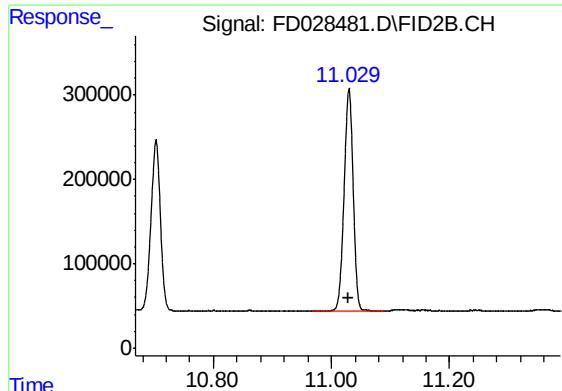
#7 n-Hexadecane (C16)

R.T.: 9.266 min
Delta R.T.: 0.000 min
Response: 2130225
Conc: 20.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.703 min
Delta R.T.: 0.000 min
Response: 2245891
Conc: 20.90 ug/ml



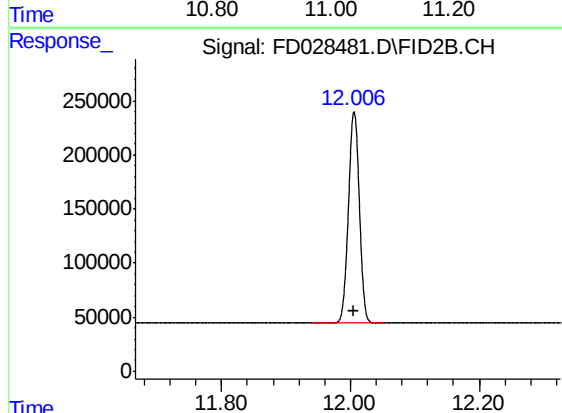
#9 ortho-Terphenyl (SURR)

R.T.: 11.030 min
Delta R.T.: 0.000 min
Response: 2783732
Conc: 19.96 ug/ml

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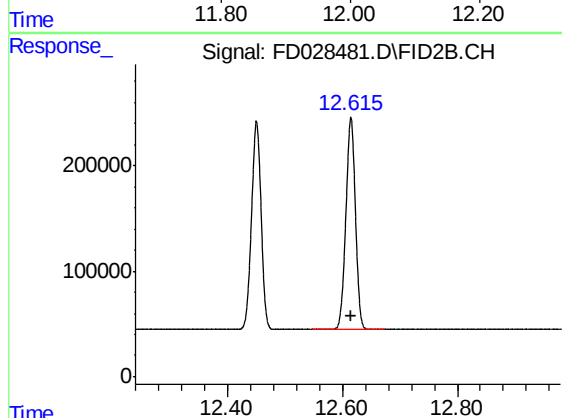
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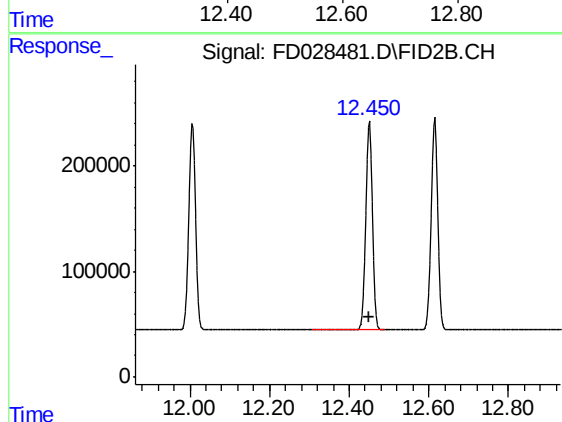
#10 n-Eicosane (C20)

R.T.: 12.006 min
Delta R.T.: 0.000 min
Response: 2304608
Conc: 21.05 ug/ml



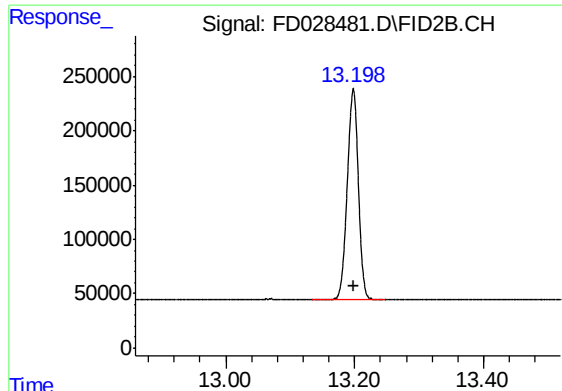
#11 n-Heneicosane (C21)

R.T.: 12.615 min
Delta R.T.: 0.000 min
Response: 2304365
Conc: 21.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.451 min
Delta R.T.: 0.000 min
Response: 2283496
Conc: 20.96 ug/ml



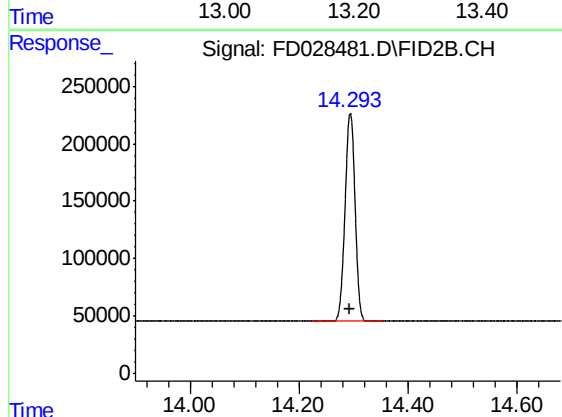
#13 n-Docosane (C22)

R.T.: 13.198 min
Delta R.T.: 0.000 min
Response: 2311431
Conc: 21.27 ug/ml

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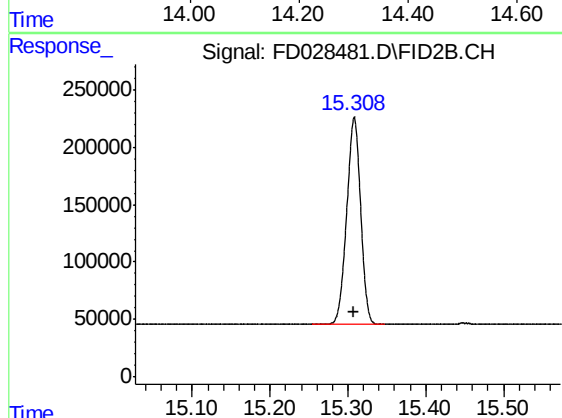
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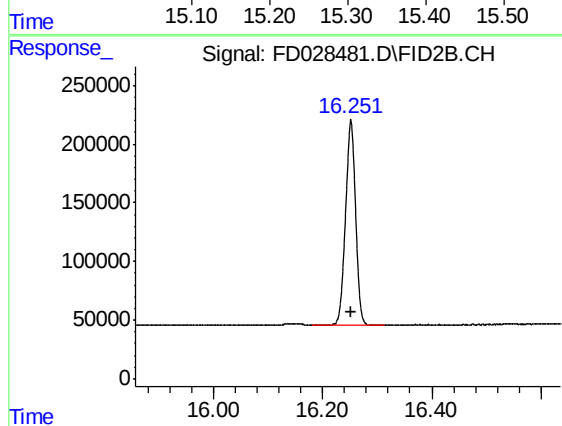
#14 n-Tetracosane (C24)

R.T.: 14.294 min
Delta R.T.: 0.000 min
Response: 2298189
Conc: 21.43 ug/ml



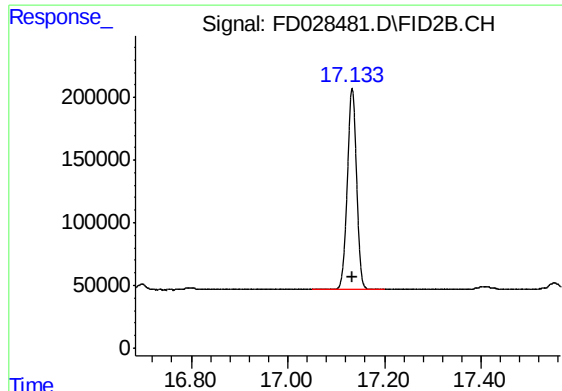
#15 n-Hexacosane (C26)

R.T.: 15.308 min
Delta R.T.: 0.000 min
Response: 2249882
Conc: 21.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.252 min
Delta R.T.: 0.000 min
Response: 2212011
Conc: 21.78 ug/ml



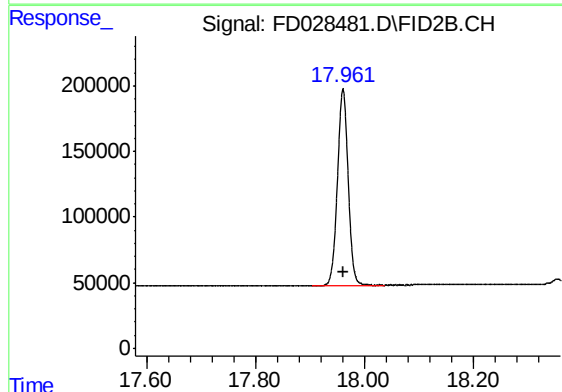
#17 n-Tricontane (C30)

R.T.: 17.134 min
Delta R.T.: 0.000 min
Response: 2132480
Conc: 21.97 ug/ml

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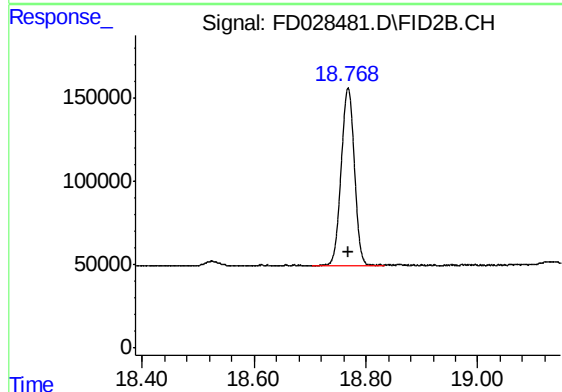
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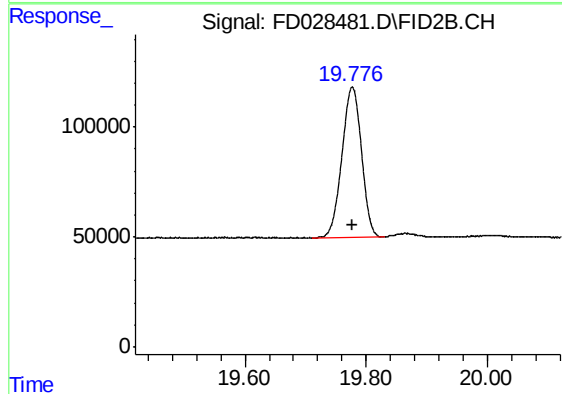
#18 n-Dotriacontane (C32)

R.T.: 17.961 min
Delta R.T.: 0.000 min
Response: 2033251
Conc: 22.71 ug/ml



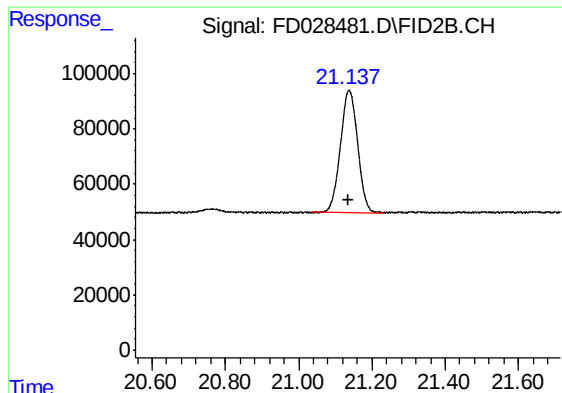
#19 n-Tetratriacontane (C34)

R.T.: 18.768 min
Delta R.T.: 0.000 min
Response: 1738569
Conc: 22.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.777 min
Delta R.T.: 0.000 min
Response: 1528034
Conc: 22.83 ug/ml



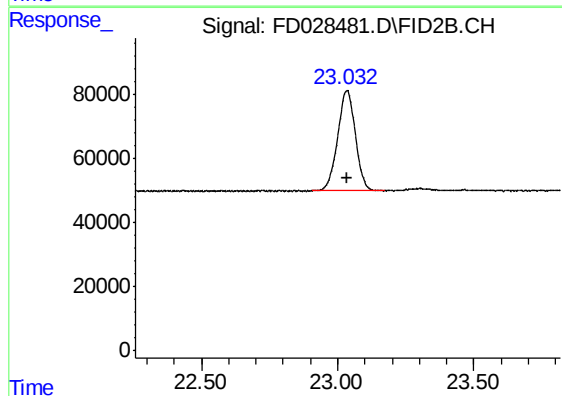
#21 n-Octatriacontane (C38)

R.T.: 21.137 min
Delta R.T.: 0.000 min
Response: 1440140
Conc: 22.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 23.033 min
Delta R.T.: 0.000 min
Response: 1420854
Conc: 23.03 ug/ml