

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083120AL\
 Data File : FD034590.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2020 19:50
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 01 01:27:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 01:25:32 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)	11.594	584498	4.662 ug/ml
Spiked Amount 50.000		Recovery =	9.32%
12) S 1-chlorooctadecane (S...	13.024	464105	4.662 ug/ml
Spiked Amount 50.000		Recovery =	9.32%
Target Compounds			
1) T n-Nonane (C9)	3.373	502084	4.550 ug/ml
2) T n-Decane (C10)	4.441	522313	4.722 ug/ml
3) T A~Naphthalene (C11.7)	6.025	549703	4.493 ug/ml
4) T n-Dodecane (C12)	6.454	519636	4.587 ug/ml
5) T A~2-methylnaphthalene...	7.078	561907	4.485 ug/ml
6) T n-Tetradecane (C14)	8.244	521300	4.572 ug/ml
7) T n-Hexadecane (C16)	9.839	520538	4.595 ug/ml
8) T n-Octadecane (C18)	11.275	546762	4.631 ug/ml
10) T n-Eicosane (C20)	12.580	554147	4.659 ug/ml
11) T n-Heneicosane (C21)	13.190	553838	4.677 ug/ml
13) T n-Docosane (C22)	13.774	551452	4.672 ug/ml
14) T n-Tetracosane (C24)	14.872	549847	4.685 ug/ml
15) T n-Hexacosane (C26)	15.888	539625	4.693 ug/ml
16) T n-Octacosane (C28)	16.833	539238	4.753 ug/ml
17) T n-Tricontane (C30)	17.716	528803	4.830 ug/ml
18) T n-Dotriacontane (C32)	18.545	498116	4.911 ug/ml
19) T n-Tetratriacontane (C34)	19.324	462538	4.861 ug/ml
20) T n-Hexatriacontane (C36)	20.059	421772	4.832 ug/ml
21) T n-Octatriacontane (C38)	20.788	392914	4.735 ug/ml
22) T n-Tetracontane (C40)	21.690	392062	4.697 ug/ml

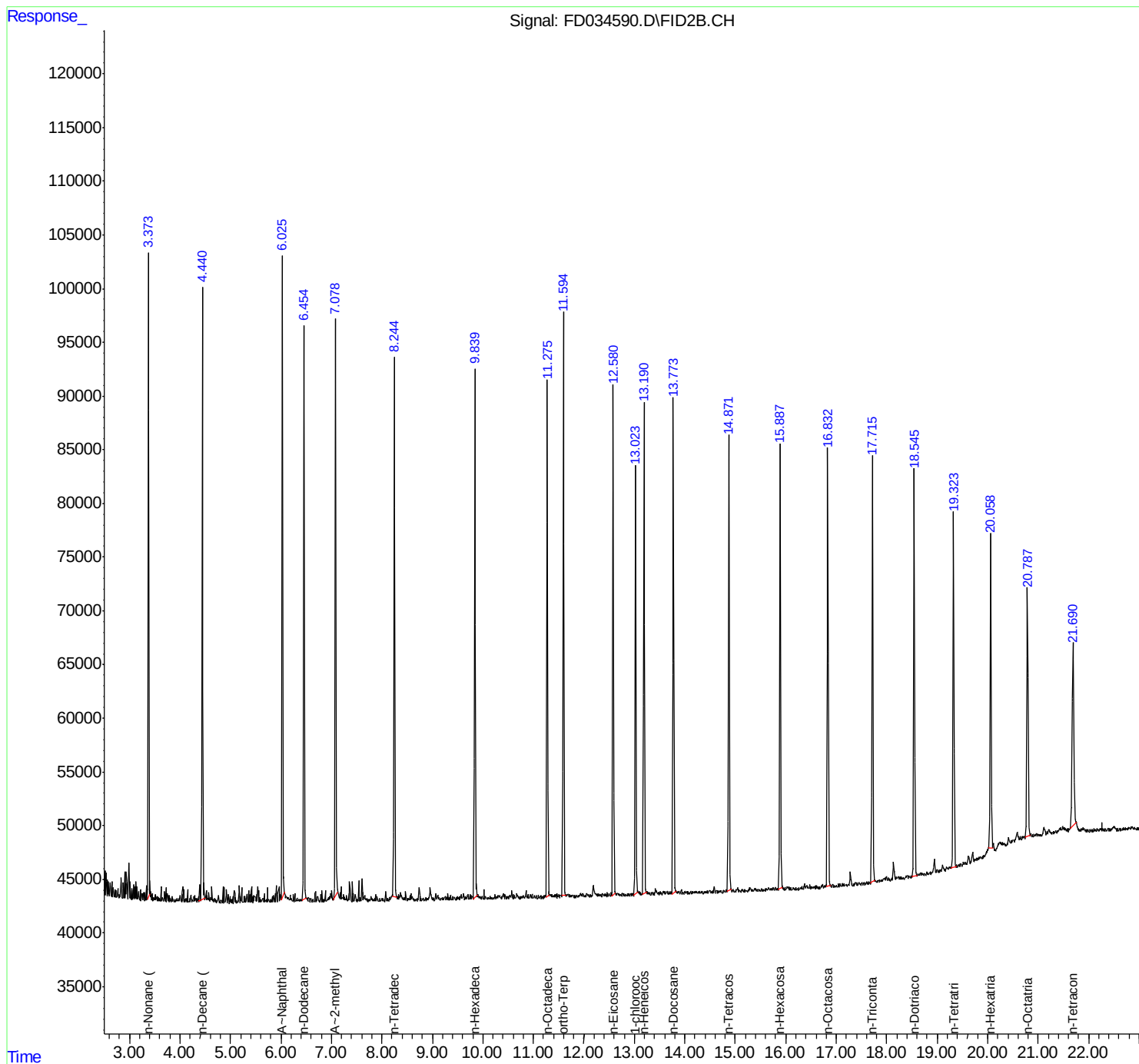
(f)=RT Delta > 1/2 Window

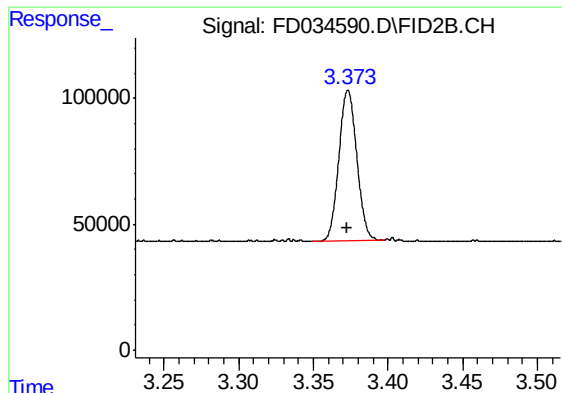
(m)=manual int.

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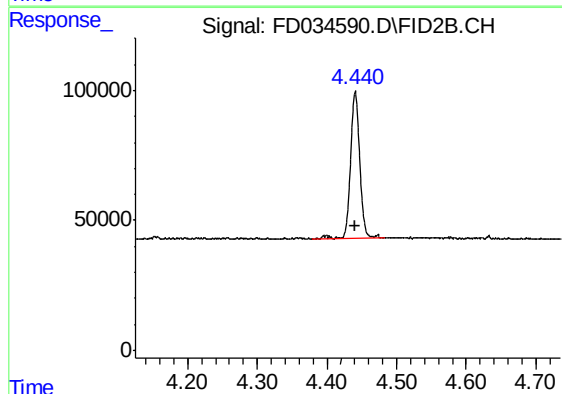
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Signal Info : 20M x 0.18mm x 0.18um





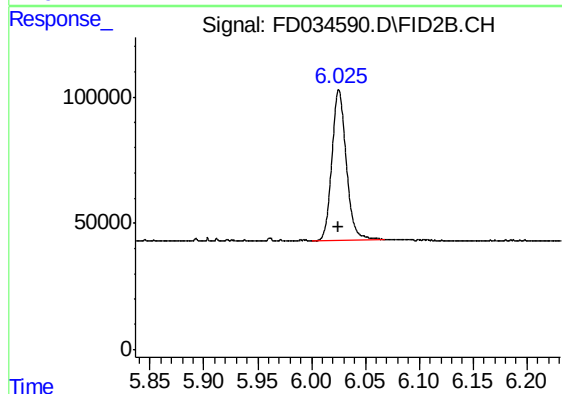
#1 n-Nonane (C9)

R.T.: 3.373 min
Delta R.T.: 0.000 min
Response: 502084
Conc: 4.55 ug/ml



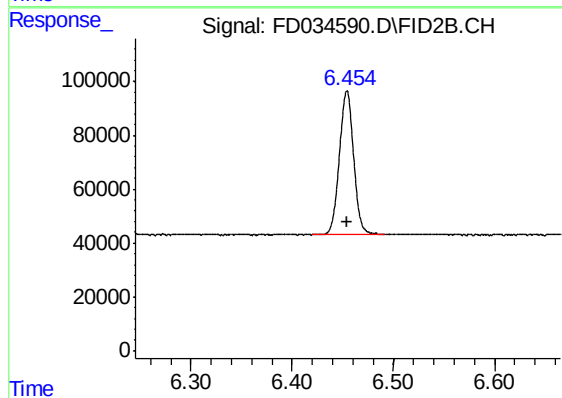
#2 n-Decane (C10)

R.T.: 4.441 min
Delta R.T.: 0.000 min
Response: 522313
Conc: 4.72 ug/ml



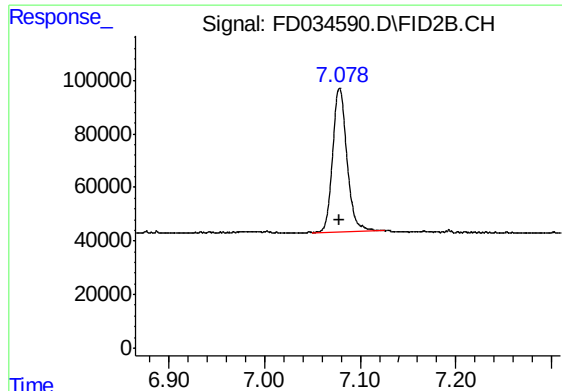
#3 A~Naphthalene (C11.7)

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 549703
Conc: 4.49 ug/ml



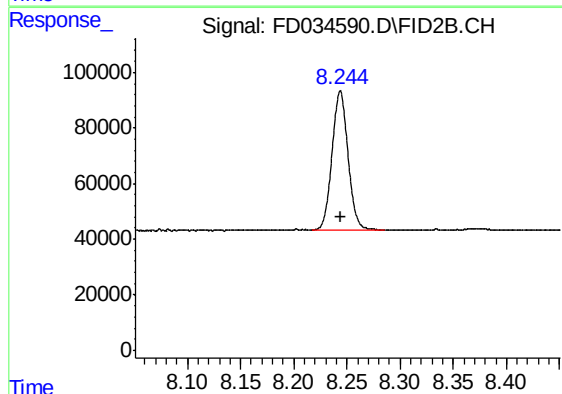
#4 n-Dodecane (C12)

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 519636
Conc: 4.59 ug/ml



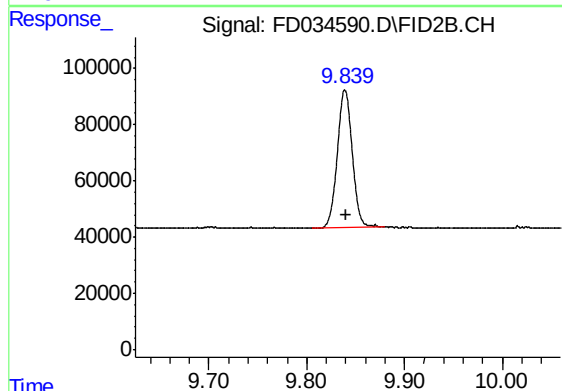
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: 0.000 min
Response: 561907
Conc: 4.48 ug/ml



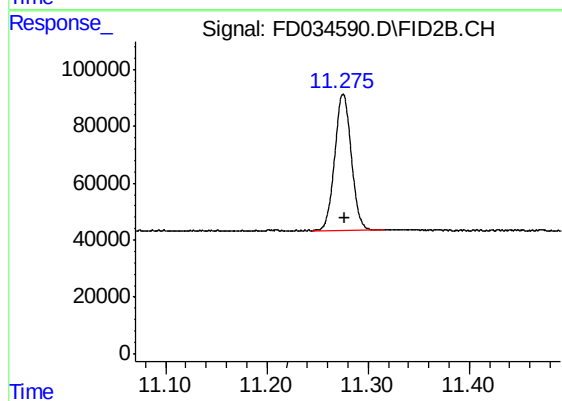
#6 n-Tetradecane (C14)

R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 521300
Conc: 4.57 ug/ml



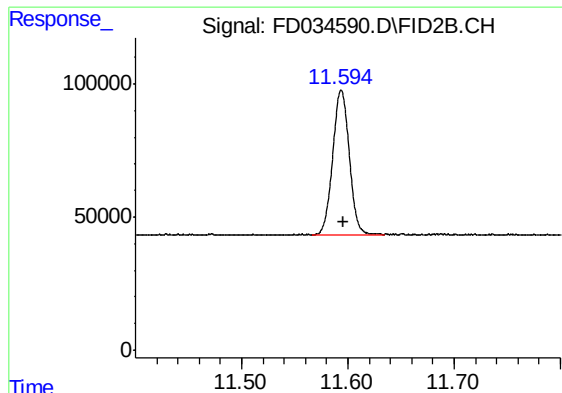
#7 n-Hexadecane (C16)

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 520538
Conc: 4.59 ug/ml



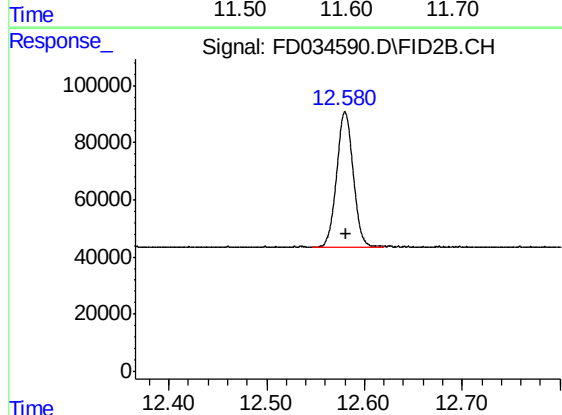
#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: -0.002 min
Response: 546762
Conc: 4.63 ug/ml



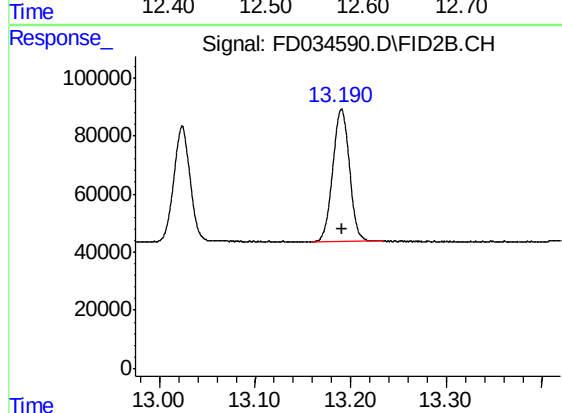
#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.002 min
Response: 584498
Conc: 4.66 ug/ml



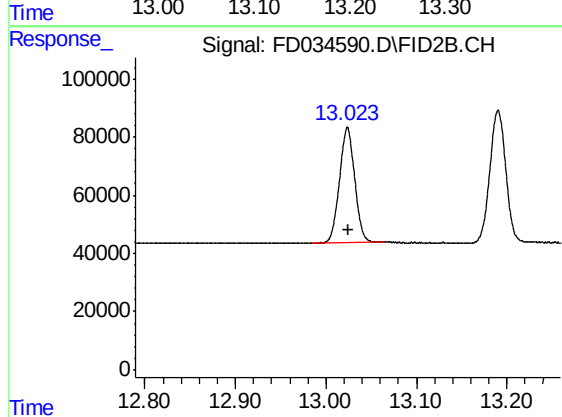
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.001 min
Response: 554147
Conc: 4.66 ug/ml



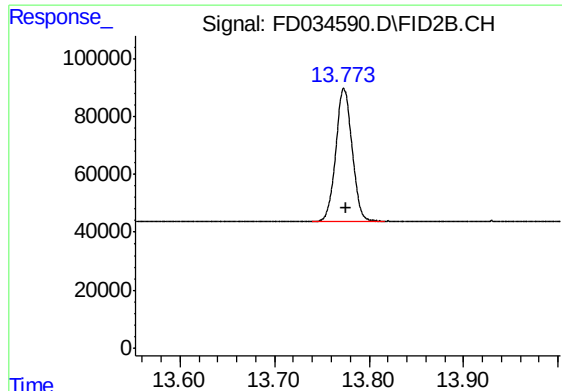
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: -0.001 min
Response: 553838
Conc: 4.68 ug/ml



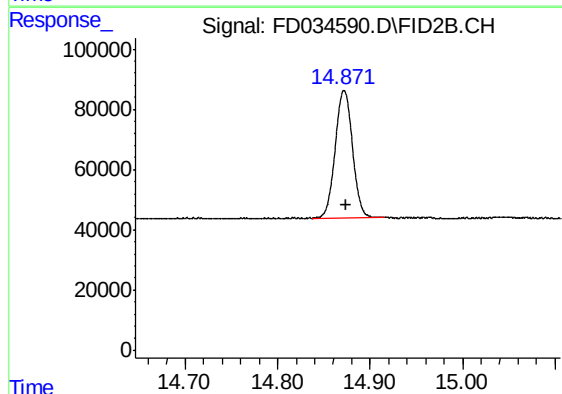
#12 1-chlorooctadecane (SURR)

R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 464105
Conc: 4.66 ug/ml



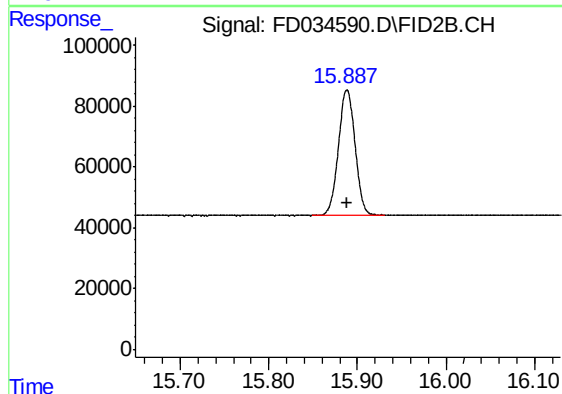
#13 n-Docosane (C22)

R.T.: 13.774 min
Delta R.T.: -0.002 min
Response: 551452
Conc: 4.67 ug/ml



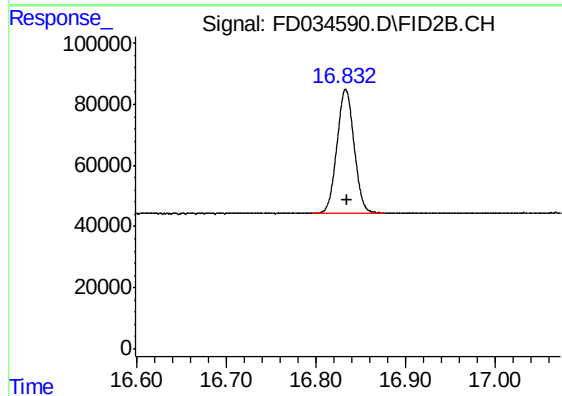
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.001 min
Response: 549847
Conc: 4.68 ug/ml



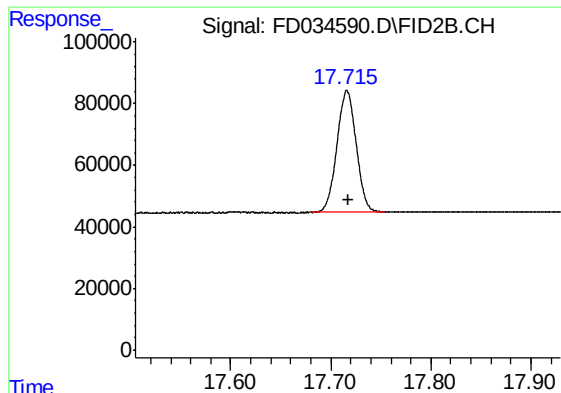
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.000 min
Response: 539625
Conc: 4.69 ug/ml



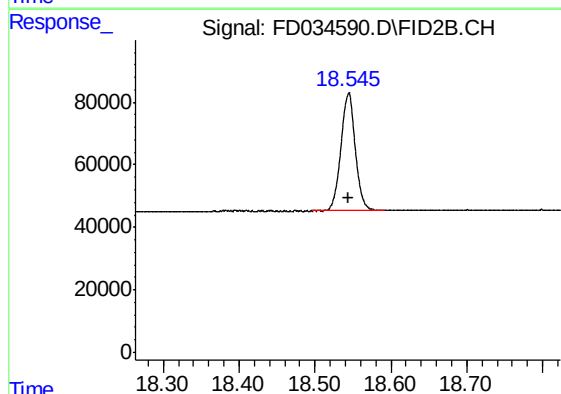
#16 n-Octacosane (C28)

R.T.: 16.833 min
Delta R.T.: -0.002 min
Response: 539238
Conc: 4.75 ug/ml



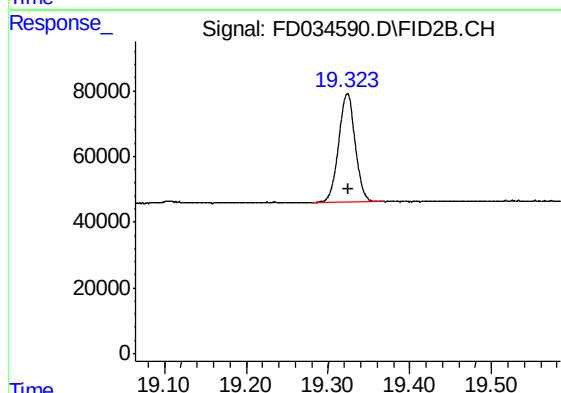
#17 n-Tricontane (C30)

R.T.: 17.716 min
Delta R.T.: -0.001 min
Response: 528803
Conc: 4.83 ug/ml



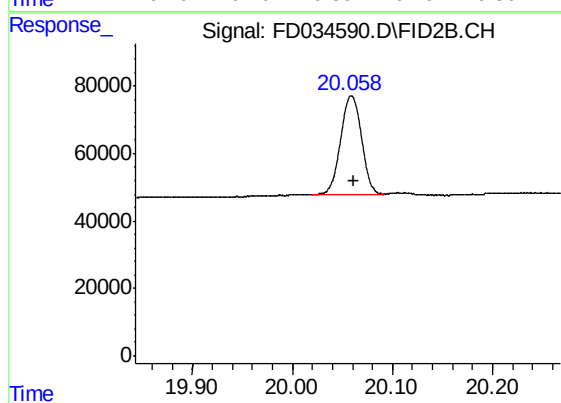
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.000 min
Response: 498116
Conc: 4.91 ug/ml



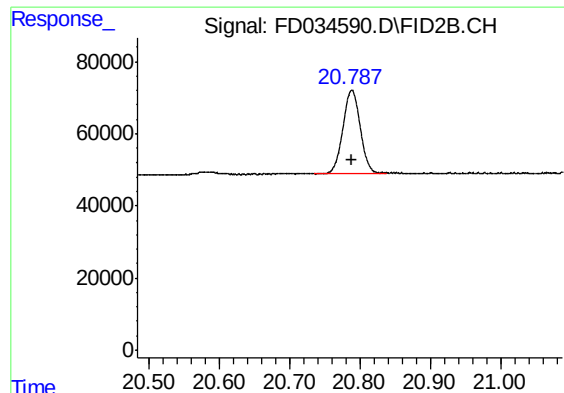
#19 n-Tetatriacontane (C34)

R.T.: 19.324 min
Delta R.T.: 0.000 min
Response: 462538
Conc: 4.86 ug/ml



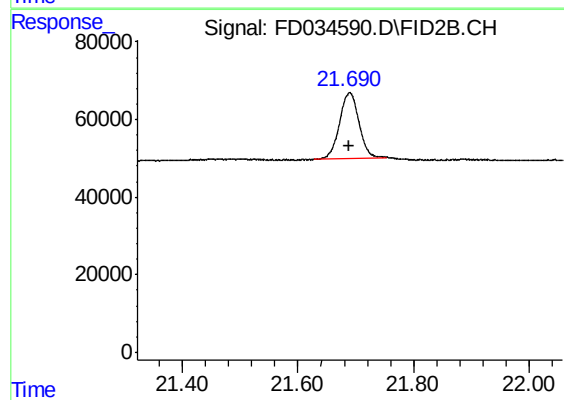
#20 n-Hexatriacontane (C36)

R.T.: 20.059 min
Delta R.T.: -0.002 min
Response: 421772
Conc: 4.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.788 min
Delta R.T.: 0.000 min
Response: 392914
Conc: 4.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.690 min
Delta R.T.: 0.000 min
Response: 392062
Conc: 4.70 ug/ml