

Data Path : P:\HPCHEM1\FID_D\Data\FD030318AL\
 Data File : FD022307.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2018 15:44
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 05 04:22:16 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 020818.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 07:13:17 2018
 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)	11.221	1807993	18.440 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
12) S 1-chlorooctadecane (S...	12.661	1390980	19.086 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
Target Compounds			
1) T n-Nonane (C9)	3.057	1533729	17.766 ug/mlm
2) T n-Decane (C10)	4.111	1657275	19.205 ug/ml
3) T A-Naphthalene (C11.7)	5.675	1814501	20.693 ug/ml
4) T n-Dodecane (C12)	6.115	1730240	19.420 ug/ml
5) T A-2-methylnaphthalene...	6.724	1839133	20.476 ug/ml
6) T n-Tetradecane (C14)	7.898	1738904	19.008 ug/ml
7) T n-Hexadecane (C16)	9.488	1710486	18.401 ug/ml
8) T n-Octadecane (C18)	10.920	1661266	18.094 ug/ml
10) T n-Eicosane (C20)	12.223	1682137	18.327 ug/ml
11) T n-Heneicosane (C21)	12.831	1679199	18.582 ug/ml
13) T n-Docosane (C22)	13.414	1704891	19.062 ug/ml
14) T n-Tetracosane (C24)	14.511	1733422	19.928 ug/ml
15) T n-Hexacosane (C26)	15.527	1751603	20.338 ug/ml
16) T n-Octacosane (C28)	16.470	1802151	20.649 ug/ml
17) T n-Tricontane (C30)	17.353	1807504	20.972 ug/mlm
18) T n-Dotriacontane (C32)	18.183	1800564	20.970 ug/mlm
19) T n-Tetratriacontane (C34)	18.959	1673386	20.214 ug/mlm
20) T n-Hexatriacontane (C36)	19.695	1552405	19.724 ug/mlm
21) T n-Octatriacontane (C38)	20.393	1549706	20.544 ug/mlm
22) T n-Tetracontane (C40)	21.168	1425753	20.461 ug/mlm

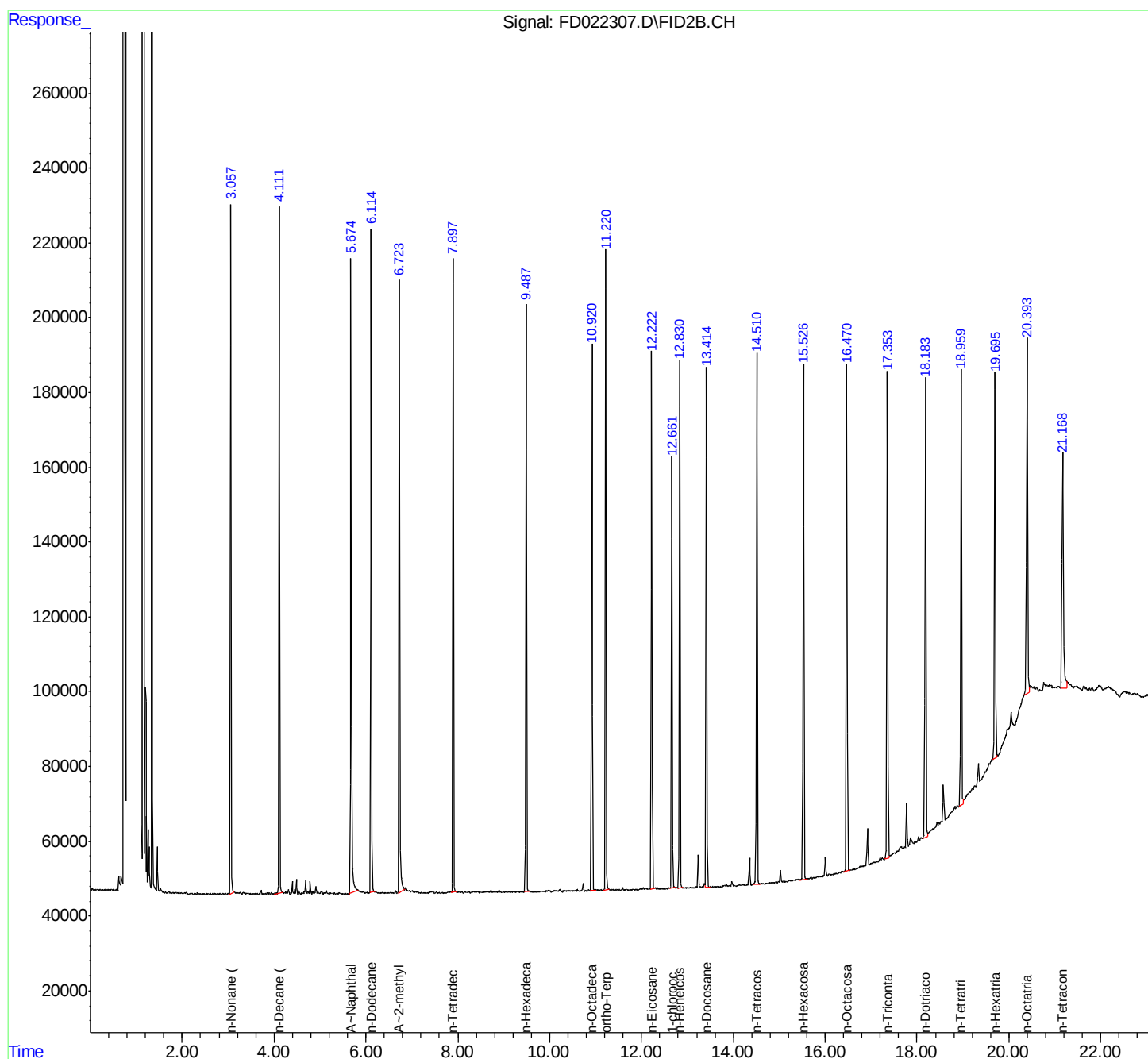
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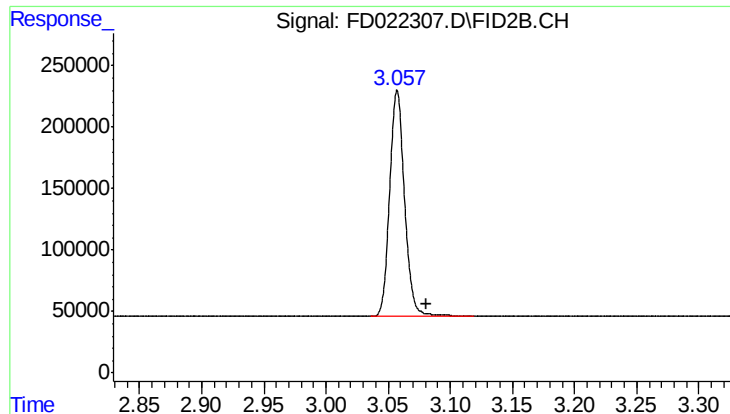
(m)=manual int.

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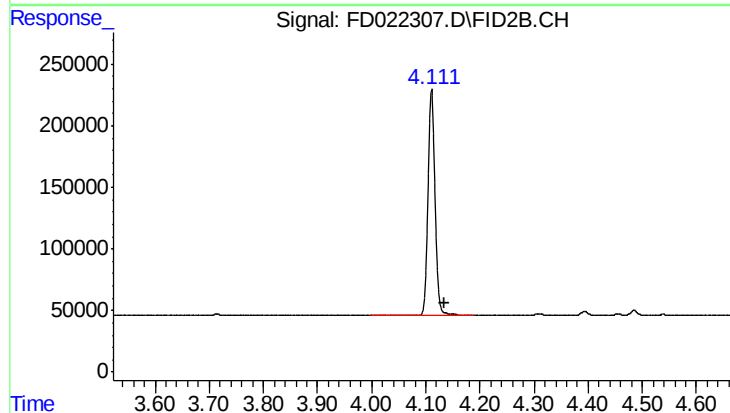
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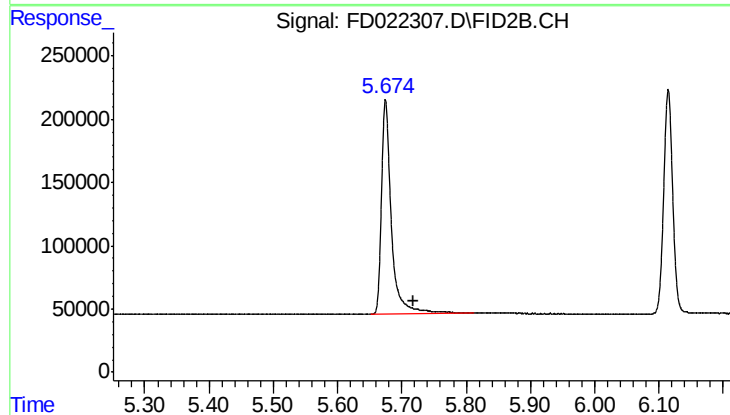
#1 n-Nonane (C9)

R.T.: 3.057 min
Delta R.T.: -0.023 min
Response: 1533729
Conc: 17.77 ug/ml m



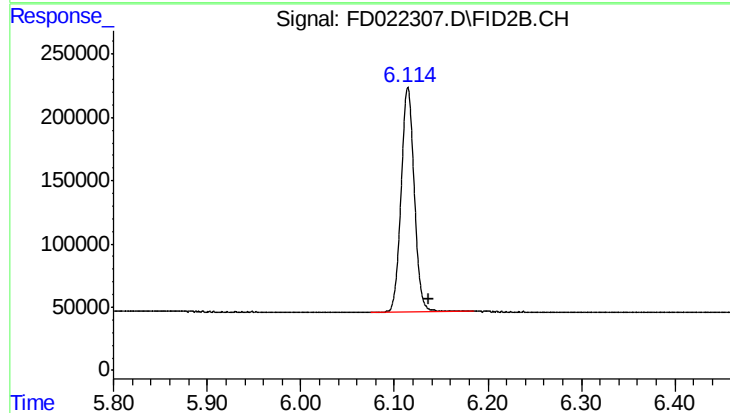
#2 n-Decane (C10)

R.T.: 4.111 min
Delta R.T.: -0.024 min
Response: 1657275
Conc: 19.21 ug/ml



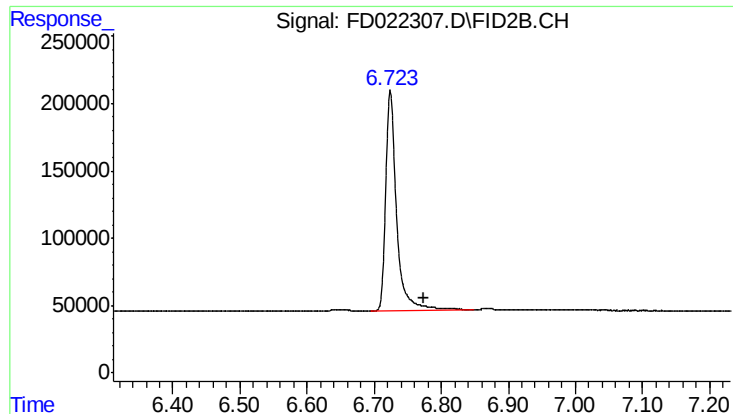
#3 A-Naphthalene (C11.7)

R.T.: 5.675 min
Delta R.T.: -0.043 min
Response: 1814501
Conc: 20.69 ug/ml



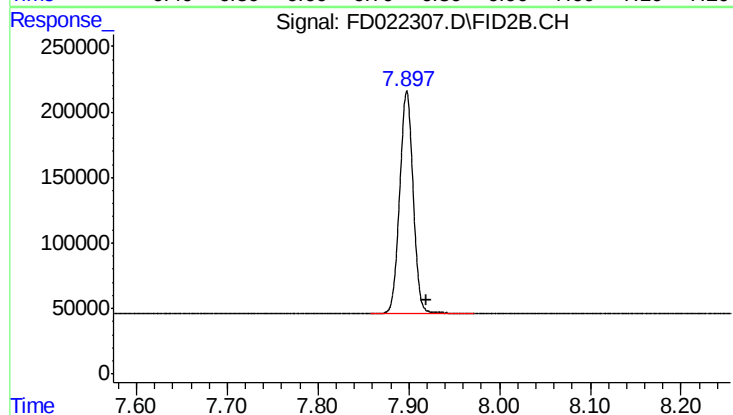
#4 n-Dodecane (C12)

R.T.: 6.115 min
Delta R.T.: -0.022 min
Response: 1730240
Conc: 19.42 ug/ml



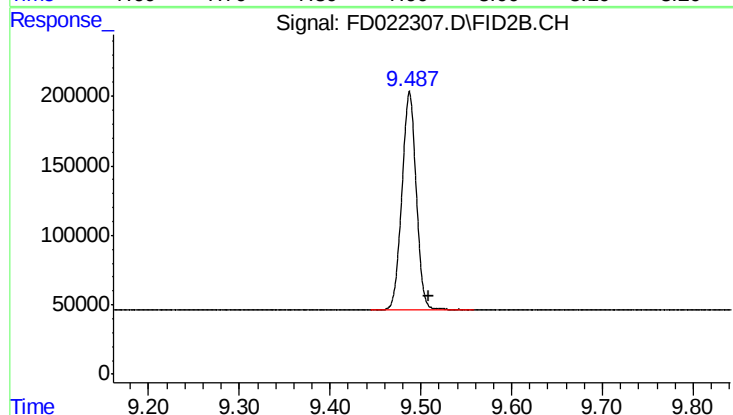
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: -0.049 min
Response: 1839133
Conc: 20.48 ug/ml



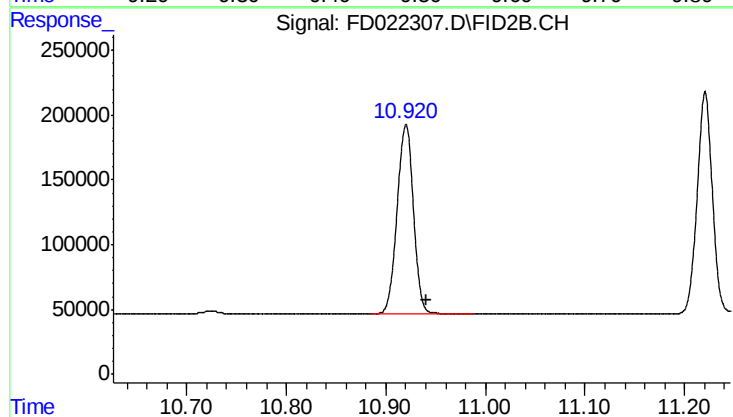
#6 n-Tetradecane (C14)

R.T.: 7.898 min
Delta R.T.: -0.021 min
Response: 1738904
Conc: 19.01 ug/ml



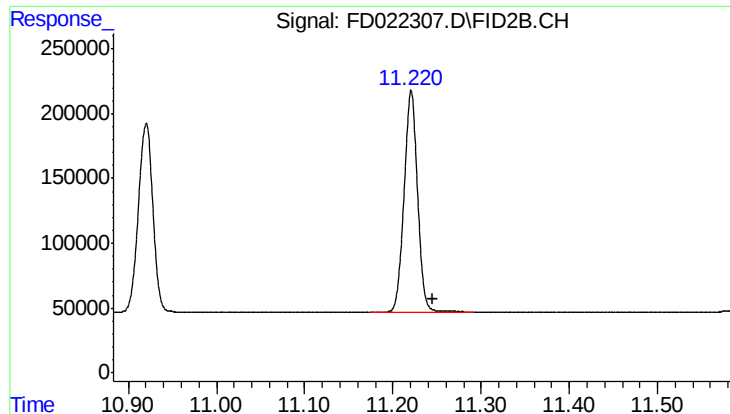
#7 n-Hexadecane (C16)

R.T.: 9.488 min
Delta R.T.: -0.021 min
Response: 1710486
Conc: 18.40 ug/ml



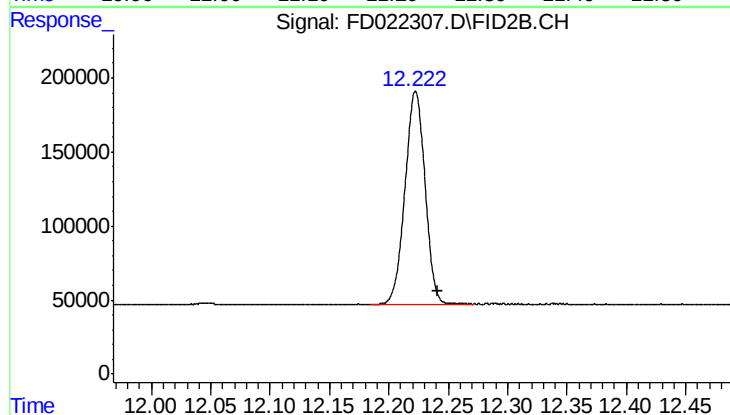
#8 n-Octadecane (C18)

R.T.: 10.920 min
Delta R.T.: -0.020 min
Response: 1661266
Conc: 18.09 ug/ml



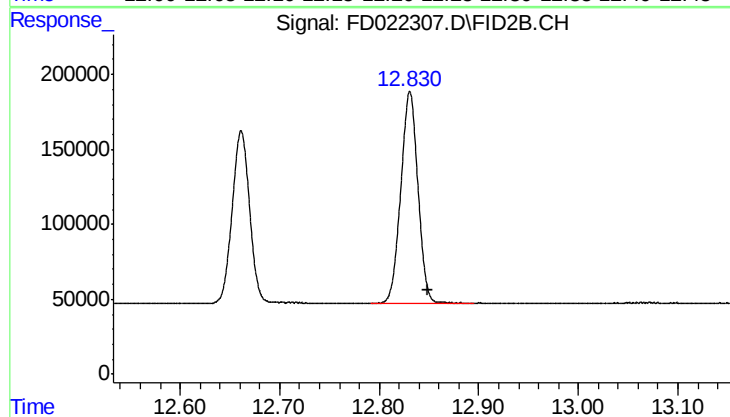
#9 ortho-Terphenyl (SURR)

R.T.: 11.221 min
Delta R.T.: -0.025 min
Response: 1807993
Conc: 18.44 ug/ml



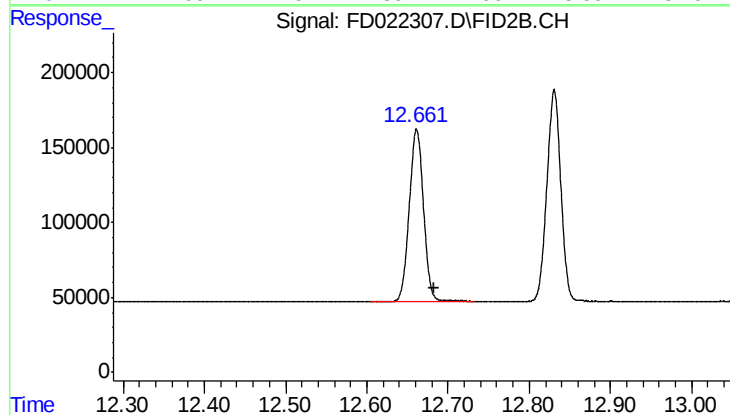
#10 n-Eicosane (C20)

R.T.: 12.223 min
Delta R.T.: -0.019 min
Response: 1682137
Conc: 18.33 ug/ml



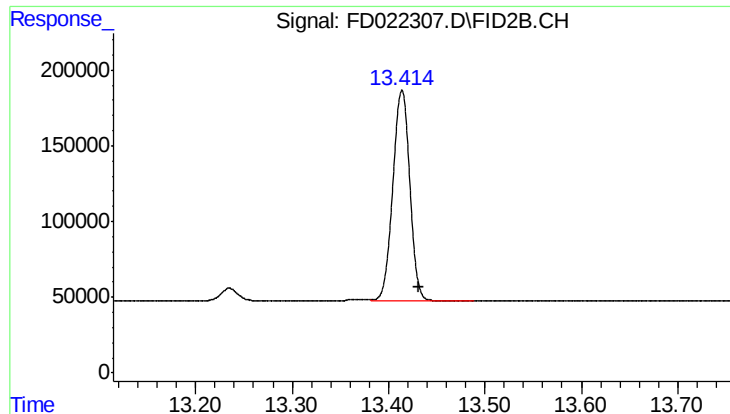
#11 n-Heneicosane (C21)

R.T.: 12.831 min
Delta R.T.: -0.018 min
Response: 1679199
Conc: 18.58 ug/ml



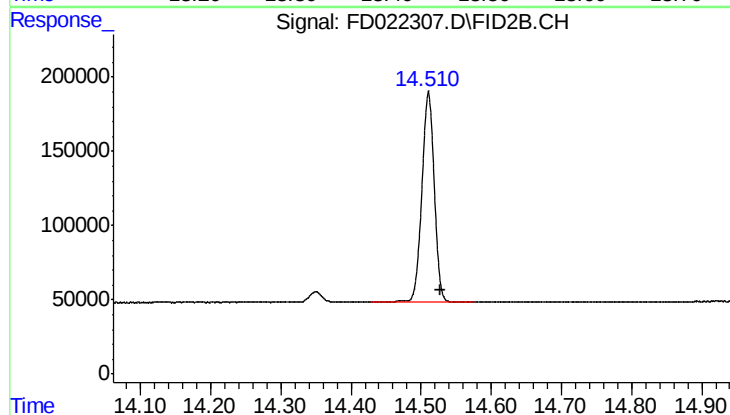
#12 1-chlorooctadecane (SURR)

R.T.: 12.661 min
Delta R.T.: -0.022 min
Response: 1390980
Conc: 19.09 ug/ml



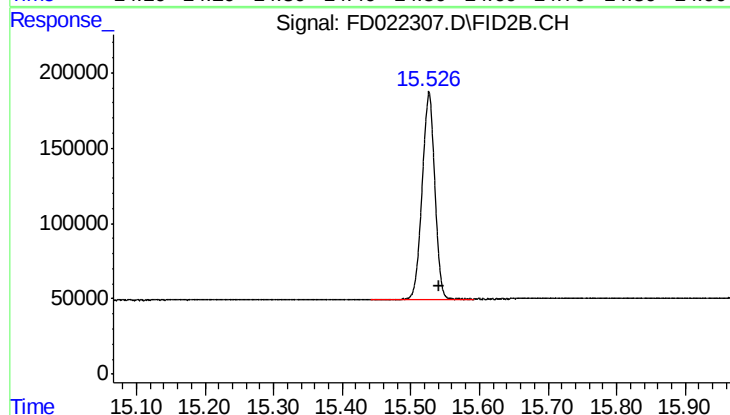
#13 n-Docosane (C22)

R.T.: 13.414 min
Delta R.T.: -0.018 min
Response: 1704891
Conc: 19.06 ug/ml



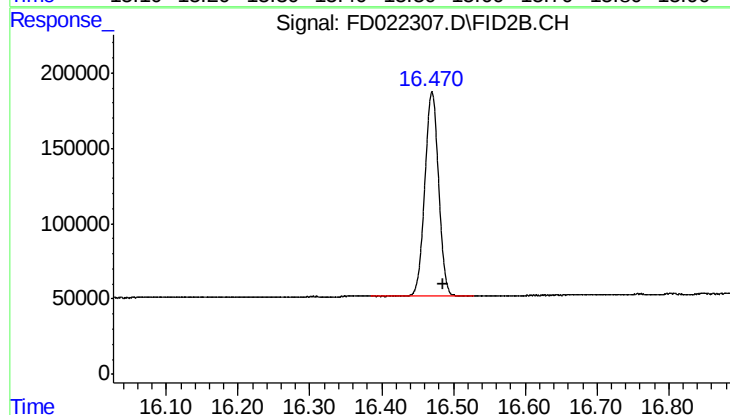
#14 n-Tetracosane (C24)

R.T.: 14.511 min
Delta R.T.: -0.017 min
Response: 1733422
Conc: 19.93 ug/ml



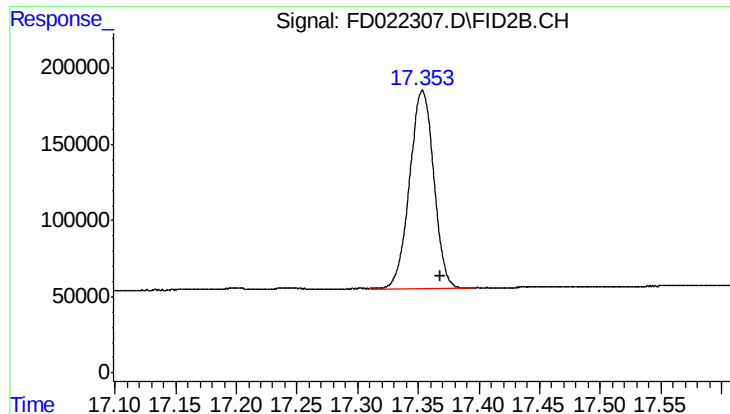
#15 n-Hexacosane (C26)

R.T.: 15.527 min
Delta R.T.: -0.016 min
Response: 1751603
Conc: 20.34 ug/ml



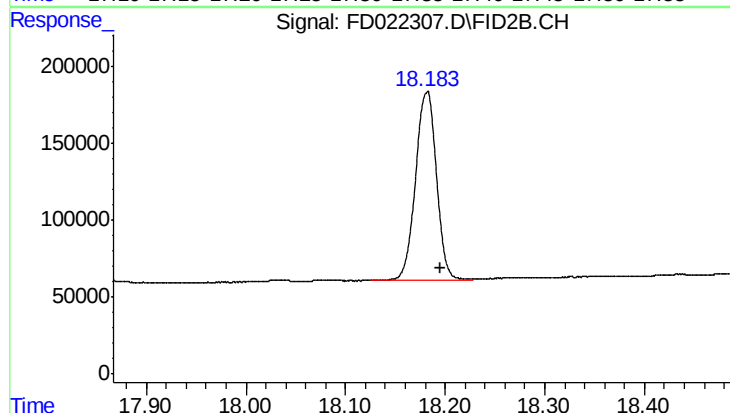
#16 n-Octacosane (C28)

R.T.: 16.470 min
Delta R.T.: -0.016 min
Response: 1802151
Conc: 20.65 ug/ml



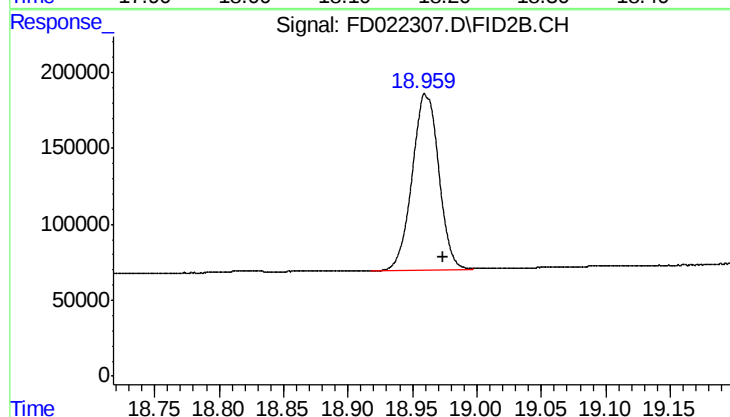
#17 n-Tricontane (C30)

R.T.: 17.353 min
Delta R.T.: -0.014 min
Response: 1807504
Conc: 20.97 ug/ml m



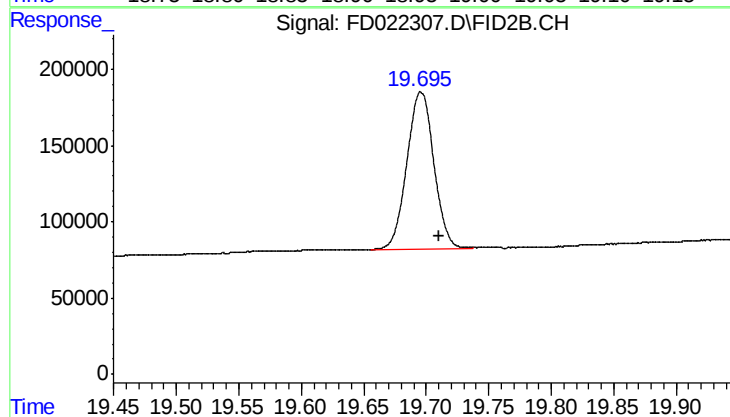
#18 n-Dotriacontane (C32)

R.T.: 18.183 min
Delta R.T.: -0.013 min
Response: 1800564
Conc: 20.97 ug/ml m



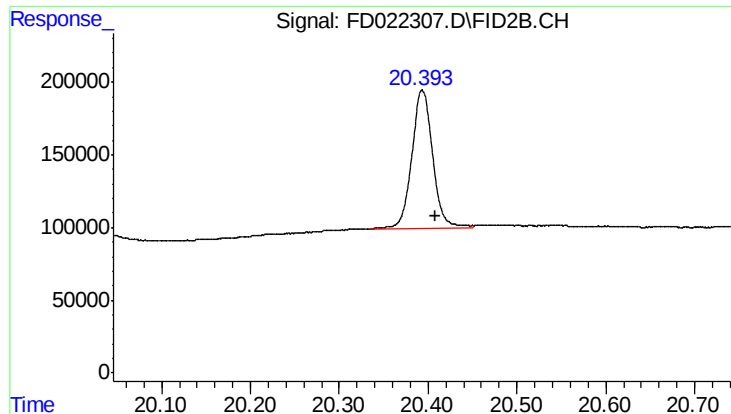
#19 n-Tetratriacontane (C34)

R.T.: 18.959 min
Delta R.T.: -0.015 min
Response: 1673386
Conc: 20.21 ug/ml m



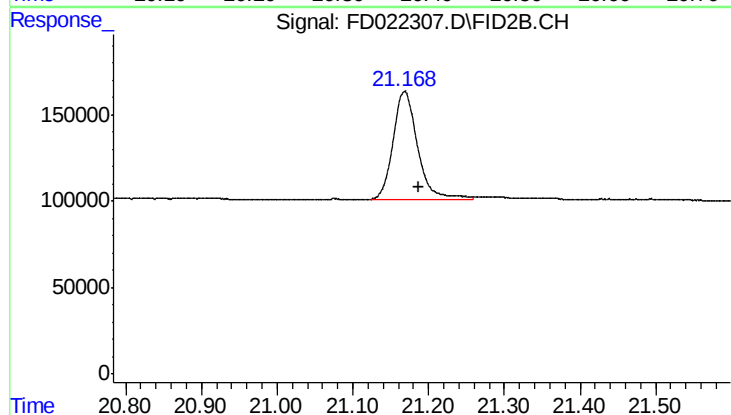
#20 n-Hexatriacontane (C36)

R.T.: 19.695 min
Delta R.T.: -0.015 min
Response: 1552405
Conc: 19.72 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.393 min
Delta R.T.: -0.016 min
Response: 1549706
Conc: 20.54 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.168 min
Delta R.T.: -0.019 min
Response: 1425753
Conc: 20.46 ug/ml m