

Data Path : P:\HPCHEM1\FID D\Data\FD022818AL\
 Data File : FD020195.D
 Signal(s) : FID2B.CH
 Acq On : 28 Feb 2018 17:07
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 06:33:42 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)	11.229	1850280	18.871 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
12) S 1-chlorooctadecane (S...	12.669	1425129	19.554 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
Target Compounds			
1) T n-Nonane (C9)	3.061	1575809	18.253 ug/ml
2) T n-Decane (C10)	4.116	1664251	19.286 ug/ml
3) T A-Naphthalene (C11.7)	5.681	1815504	20.704 ug/ml
4) T n-Dodecane (C12)	6.121	1725489	19.367 ug/ml
5) T A-2-methylnaphthalene...	6.731	1850067	20.598 ug/ml
6) T n-Tetradecane (C14)	7.904	1742785	19.050 ug/ml
7) T n-Hexadecane (C16)	9.494	1730041	18.612 ug/ml
8) T n-Octadecane (C18)	10.928	1696146	18.474 ug/ml
10) T n-Eicosane (C20)	12.230	1722705	18.769 ug/ml
11) T n-Heneicosane (C21)	12.838	1718686	19.019 ug/ml
13) T n-Docosane (C22)	13.421	1749031	19.556 ug/ml
14) T n-Tetracosane (C24)	14.519	1758892	20.221 ug/ml
15) T n-Hexacosane (C26)	15.535	1772803	20.584 ug/ml
16) T n-Octacosane (C28)	16.479	1821056	20.866 ug/ml
17) T n-Tricontane (C30)	17.361	1823074	21.153 ug/mlm
18) T n-Dotriacontane (C32)	18.189	1785247	20.791 ug/mlm
19) T n-Tetratriacontane (C34)	18.968	1691557	20.433 ug/mlm
20) T n-Hexatriacontane (C36)	19.703	1590713	20.211 ug/mlm
21) T n-Octatriacontane (C38)	20.400	1562446	20.713 ug/mlm
22) T n-Tetracontane (C40)	21.179	1461971	20.981 ug/mlm

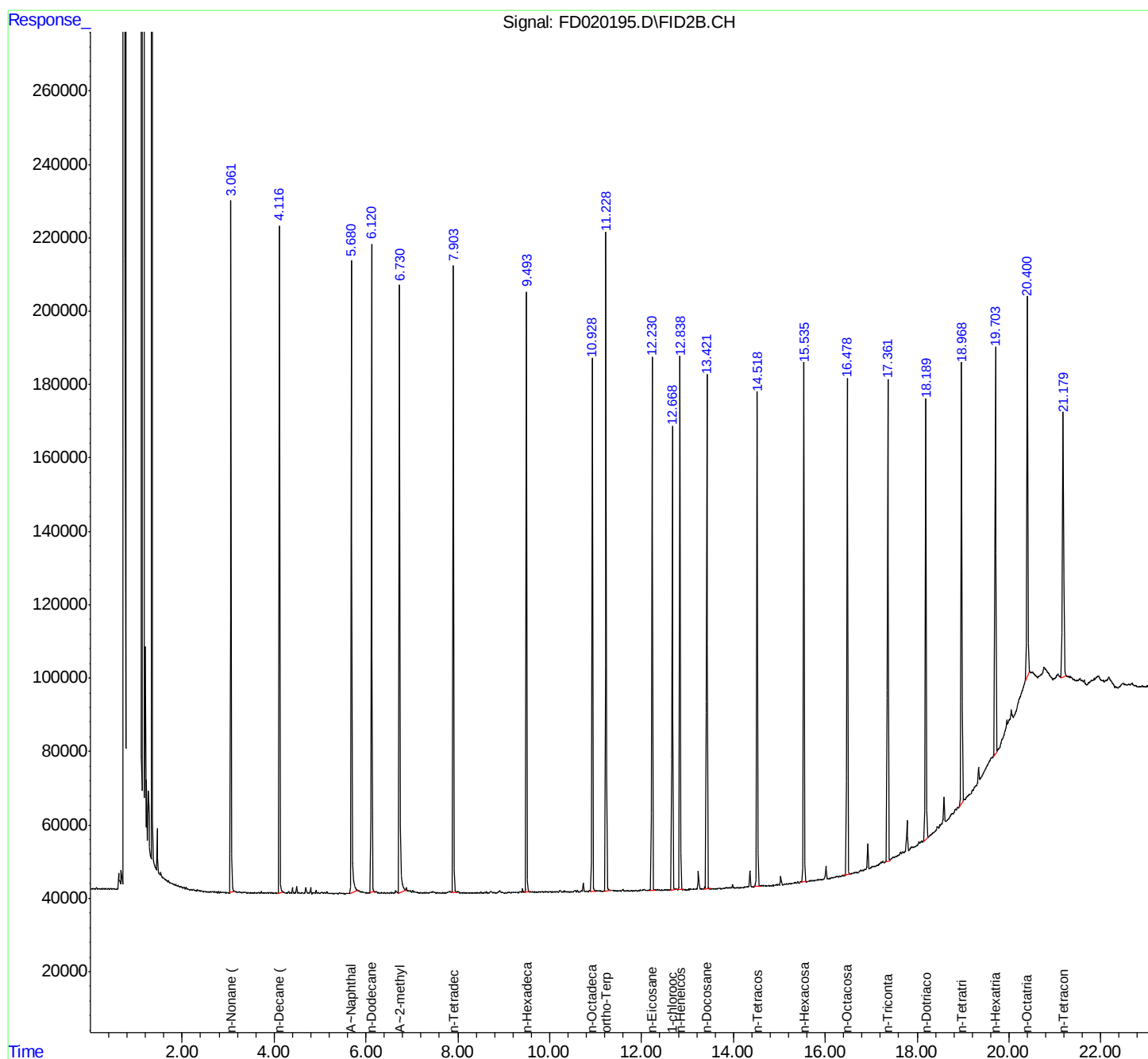
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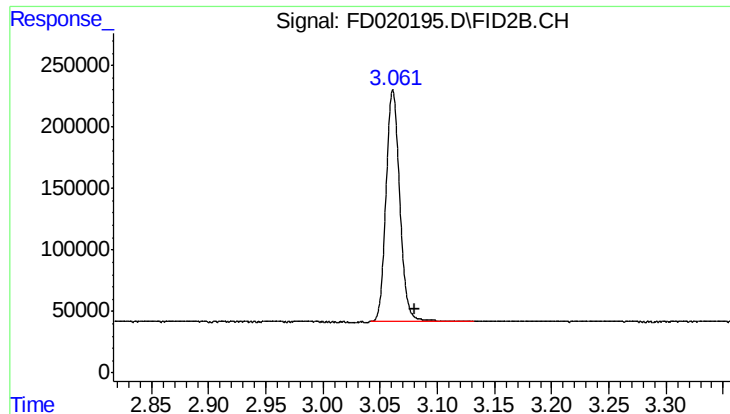
(m)=manual int.

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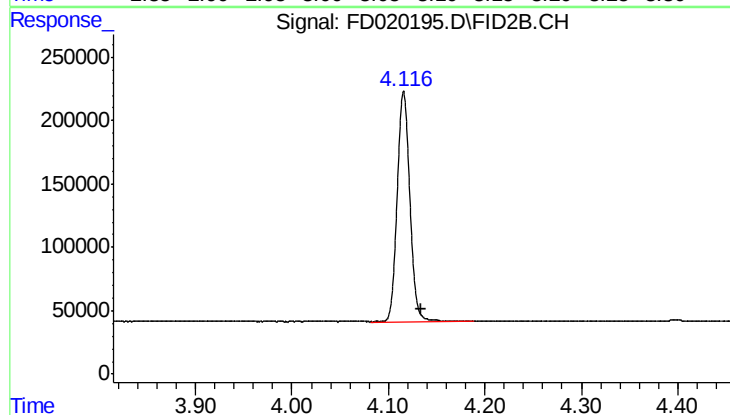
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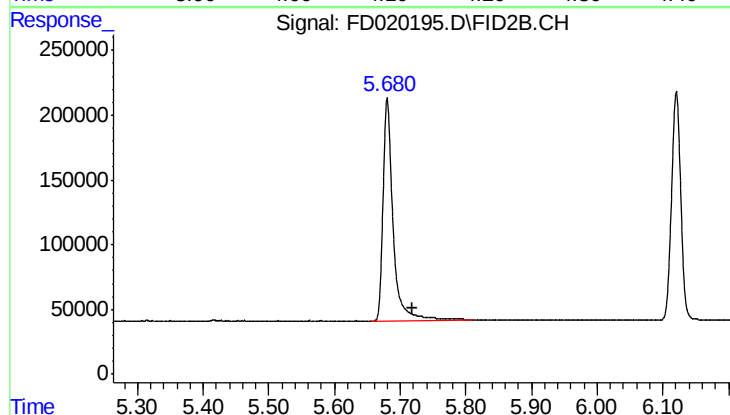
#1 n-Nonane (C9)

R.T.: 3.061 min
Delta R.T.: -0.019 min
Response: 1575809
Conc: 18.25 ug/ml



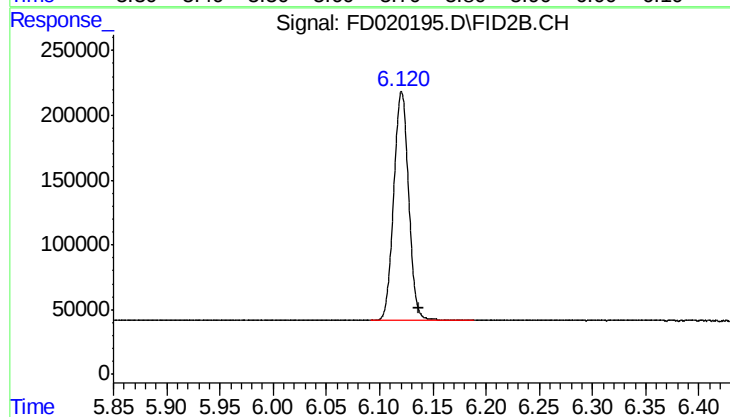
#2 n-Decane (C10)

R.T.: 4.116 min
Delta R.T.: -0.018 min
Response: 1664251
Conc: 19.29 ug/ml



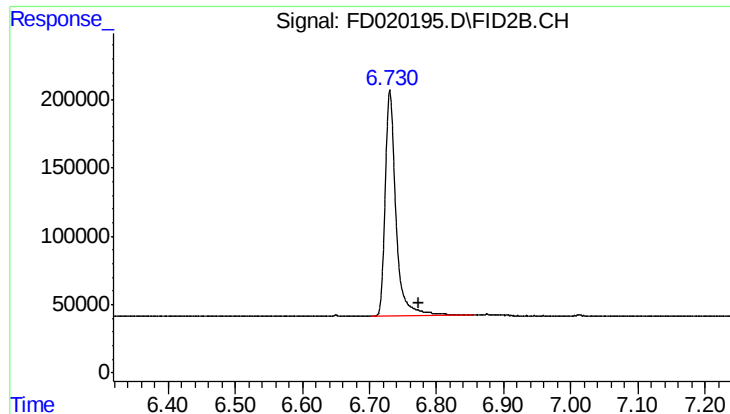
#3 A-Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.037 min
Response: 1815504
Conc: 20.70 ug/ml



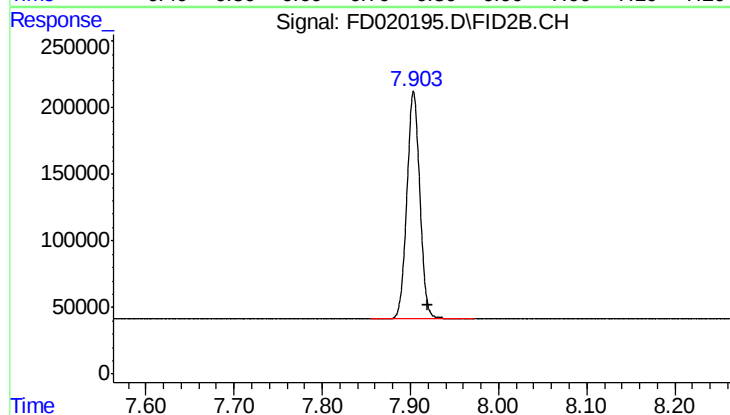
#4 n-Dodecane (C12)

R.T.: 6.121 min
Delta R.T.: -0.016 min
Response: 1725489
Conc: 19.37 ug/ml



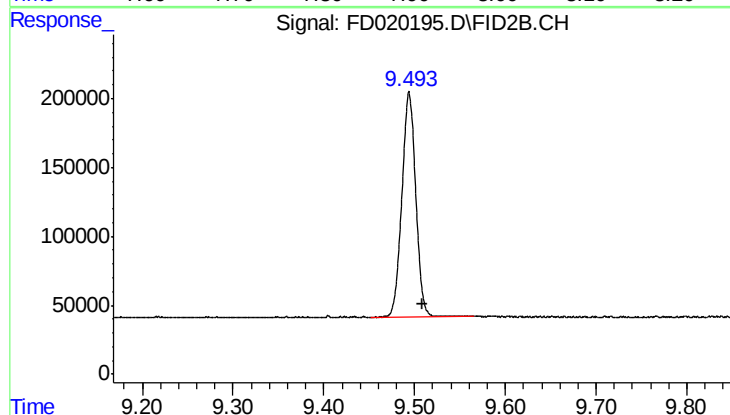
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.731 min
Delta R.T.: -0.043 min
Response: 1850067
Conc: 20.60 ug/ml



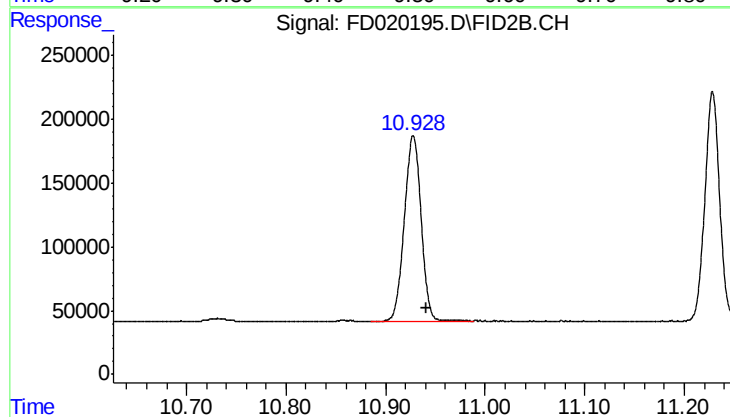
#6 n-Tetradecane (C14)

R.T.: 7.904 min
Delta R.T.: -0.015 min
Response: 1742785
Conc: 19.05 ug/ml



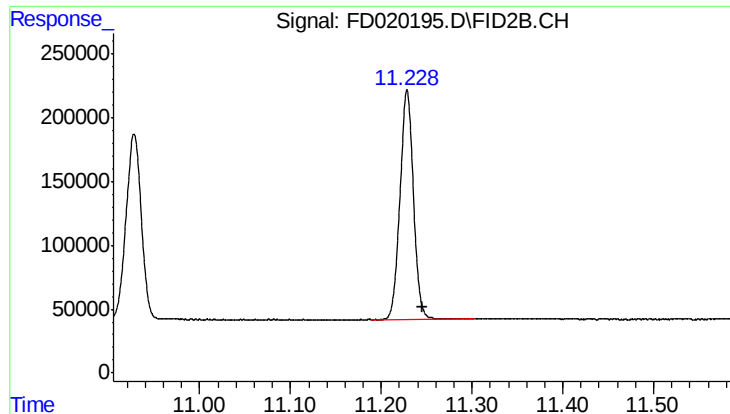
#7 n-Hexadecane (C16)

R.T.: 9.494 min
Delta R.T.: -0.015 min
Response: 1730041
Conc: 18.61 ug/ml



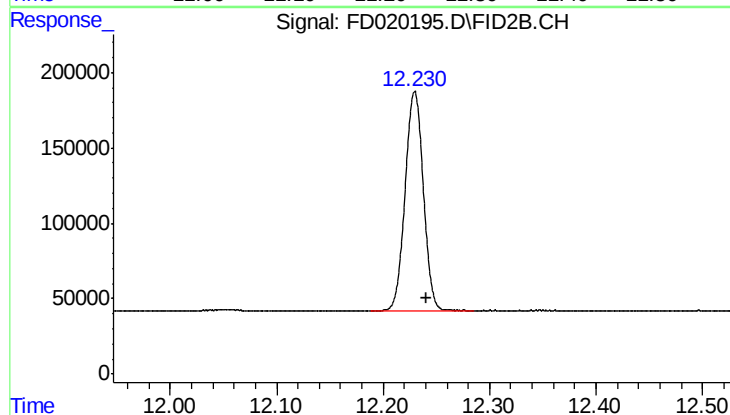
#8 n-Octadecane (C18)

R.T.: 10.928 min
Delta R.T.: -0.012 min
Response: 1696146
Conc: 18.47 ug/ml



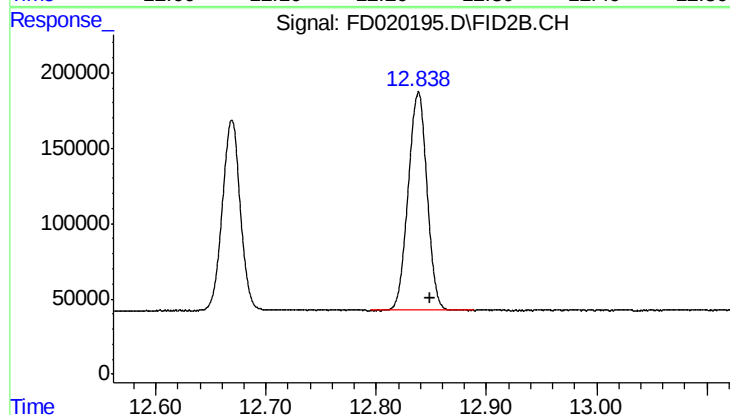
#9 ortho-Terphenyl (SURR)

R.T.: 11.229 min
Delta R.T.: -0.017 min
Response: 1850280
Conc: 18.87 ug/ml



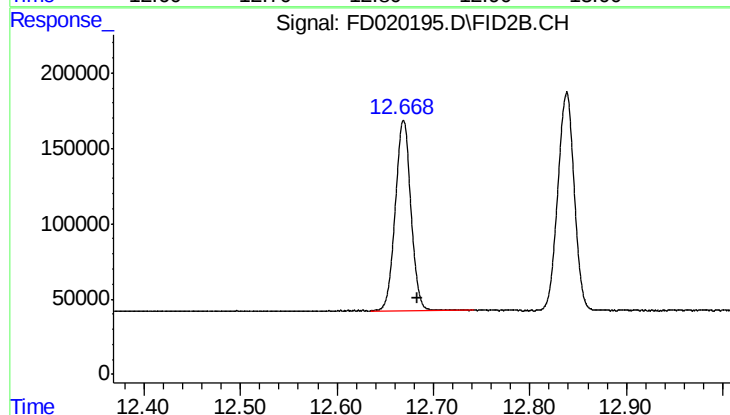
#10 n-Eicosane (C20)

R.T.: 12.230 min
Delta R.T.: -0.011 min
Response: 1722705
Conc: 18.77 ug/ml



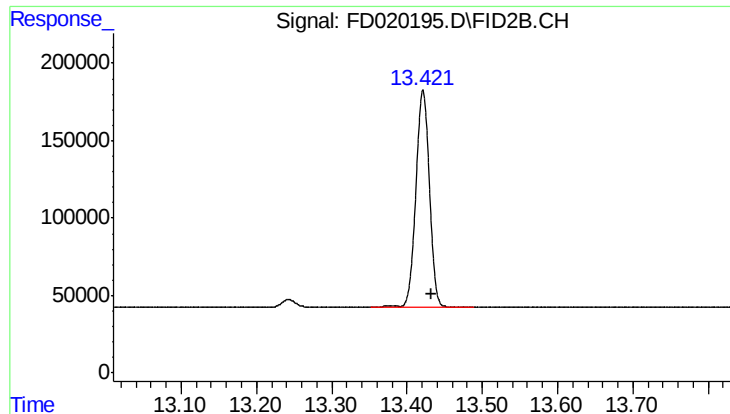
#11 n-Heneicosane (C21)

R.T.: 12.838 min
Delta R.T.: -0.011 min
Response: 1718686
Conc: 19.02 ug/ml



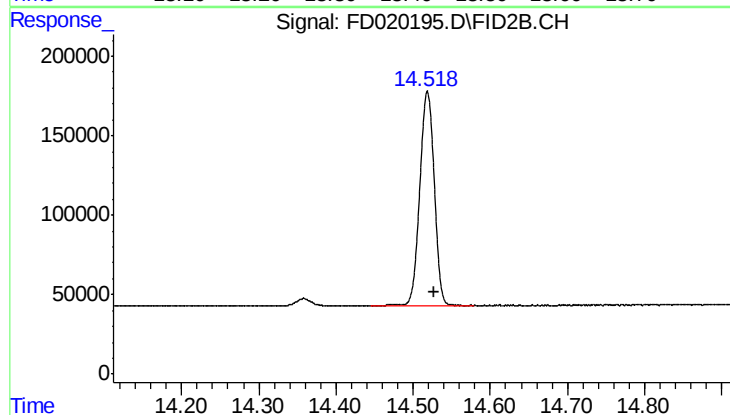
#12 1-chlorooctadecane (SURR)

R.T.: 12.669 min
Delta R.T.: -0.014 min
Response: 1425129
Conc: 19.55 ug/ml



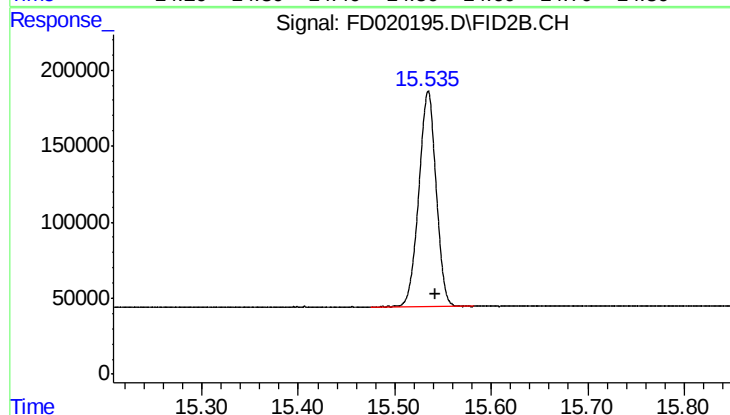
#13 n-Docosane (C22)

R.T.: 13.421 min
Delta R.T.: -0.011 min
Response: 1749031
Conc: 19.56 ug/ml



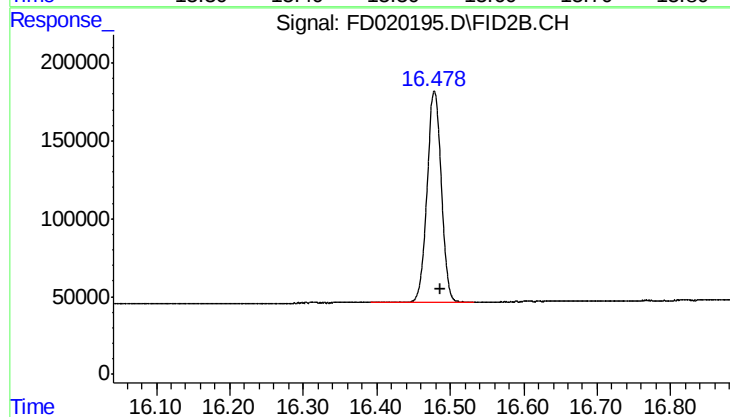
#14 n-Tetracosane (C24)

R.T.: 14.519 min
Delta R.T.: -0.009 min
Response: 1758892
Conc: 20.22 ug/ml



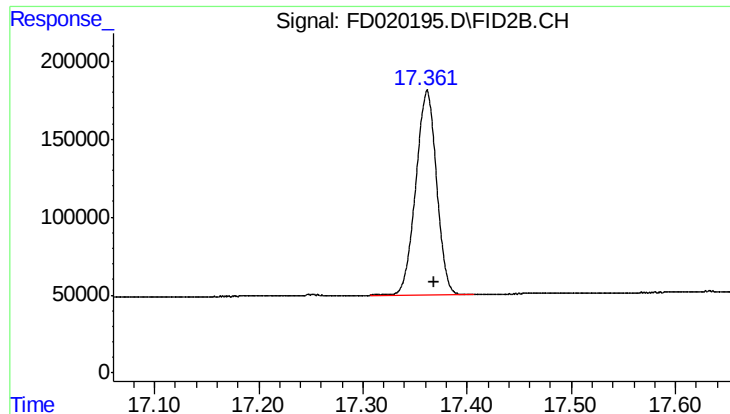
#15 n-Hexacosane (C26)

R.T.: 15.535 min
Delta R.T.: -0.008 min
Response: 1772803
Conc: 20.58 ug/ml



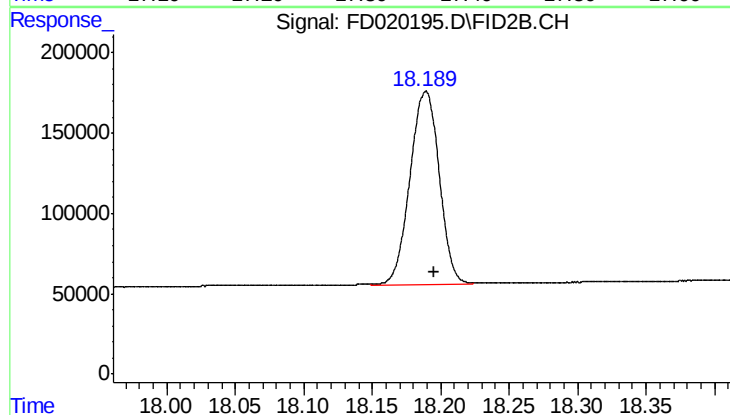
#16 n-Octacosane (C28)

R.T.: 16.479 min
Delta R.T.: -0.007 min
Response: 1821056
Conc: 20.87 ug/ml



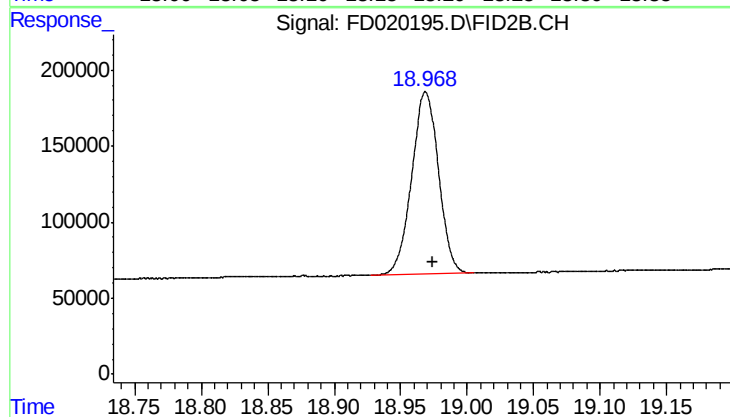
#17 n-Tricontane (C30)

R.T.: 17.361 min
Delta R.T.: -0.006 min
Response: 1823074
Conc: 21.15 ug/ml m



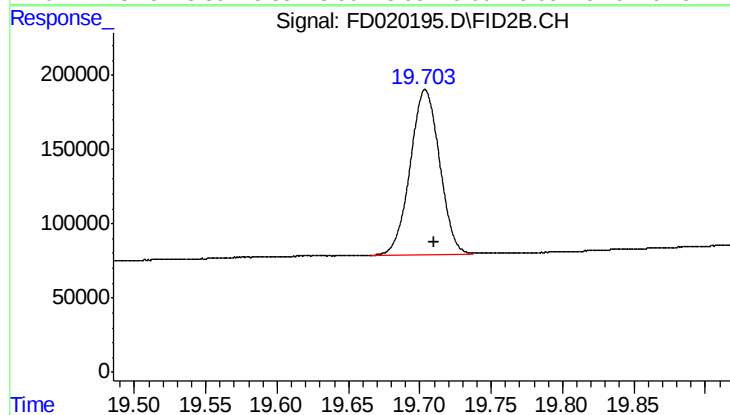
#18 n-Dotriacontane (C32)

R.T.: 18.189 min
Delta R.T.: -0.006 min
Response: 1785247
Conc: 20.79 ug/ml m



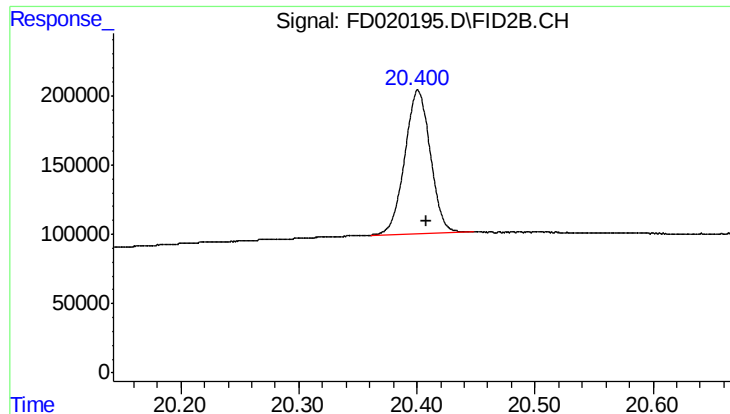
#19 n-Tetratriacontane (C34)

R.T.: 18.968 min
Delta R.T.: -0.005 min
Response: 1691557
Conc: 20.43 ug/ml m



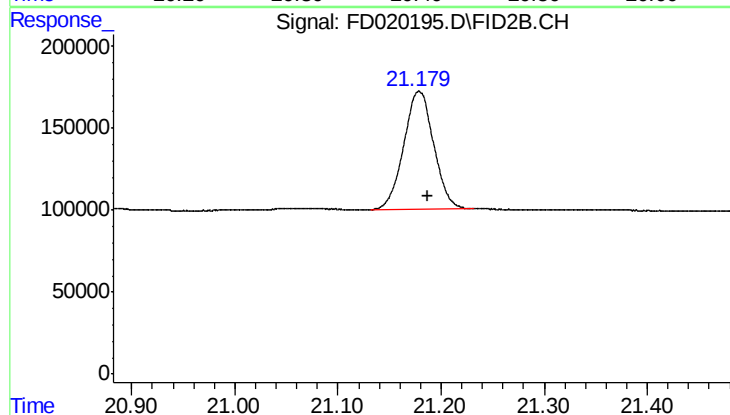
#20 n-Hexatriacontane (C36)

R.T.: 19.703 min
Delta R.T.: -0.007 min
Response: 1590713
Conc: 20.21 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.400 min
Delta R.T.: -0.008 min
Response: 1562446
Conc: 20.71 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.179 min
Delta R.T.: -0.009 min
Response: 1461971
Conc: 20.98 ug/ml m