

Data Path : P:\HPCHEM1\FID D\Data\FD022818AL\
 Data File : FD020208.D
 Signal(s) : FID2B.CH
 Acq On : 01 Mar 2018 1:12
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 06:28:36 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)	11.228	1912035	19.501 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
12) S 1-chlorooctadecane (S...	12.669	1494427	20.505 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
Target Compounds			
1) T n-Nonane (C9)	3.059	1461514	16.929 ug/ml
2) T n-Decane (C10)	4.115	1615207	18.718 ug/ml
3) T A-Naphthalene (C11.7)	5.680	1854743	21.152 ug/ml
4) T n-Dodecane (C12)	6.121	1766855	19.831 ug/ml
5) T A-2-methylnaphthalene...	6.731	1904614	21.205 ug/ml
6) T n-Tetradecane (C14)	7.904	1818922	19.882 ug/ml
7) T n-Hexadecane (C16)	9.494	1818772	19.566 ug/ml
8) T n-Octadecane (C18)	10.927	1779757	19.385 ug/ml
10) T n-Eicosane (C20)	12.230	1807692	19.695 ug/ml
11) T n-Heneicosane (C21)	12.838	1796309	19.878 ug/ml
13) T n-Docosane (C22)	13.420	1822903	20.382 ug/ml
14) T n-Tetracosane (C24)	14.518	1837568	21.125 ug/ml
15) T n-Hexacosane (C26)	15.533	1858079	21.574 ug/ml
16) T n-Octacosane (C28)	16.479	1911800	21.906 ug/ml
17) T n-Tricontane (C30)	17.361	1909571	22.157 ug/ml
18) T n-Dotriacontane (C32)	18.189	1837692	21.402 ug/ml
19) T n-Tetratriacontane (C34)	18.968	1912211	23.099 ug/ml
20) T n-Hexatriacontane (C36)	19.704	2319900	29.475 ug/ml
21) T n-Octatriacontane (C38)	20.399	4713747	62.489 ug/ml
22) T n-Tetracontane (C40)	21.176	2179357	31.276 ug/ml

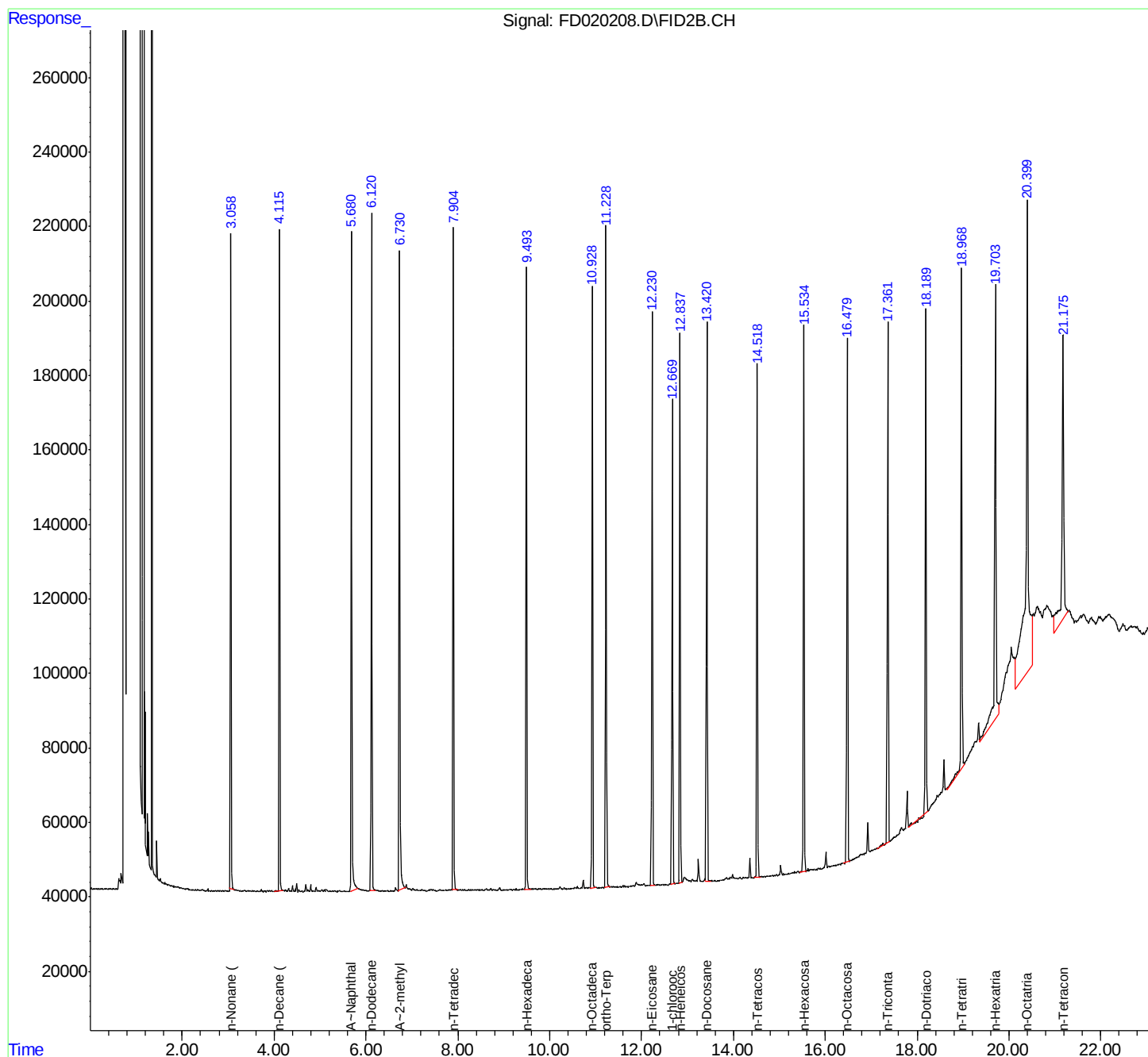
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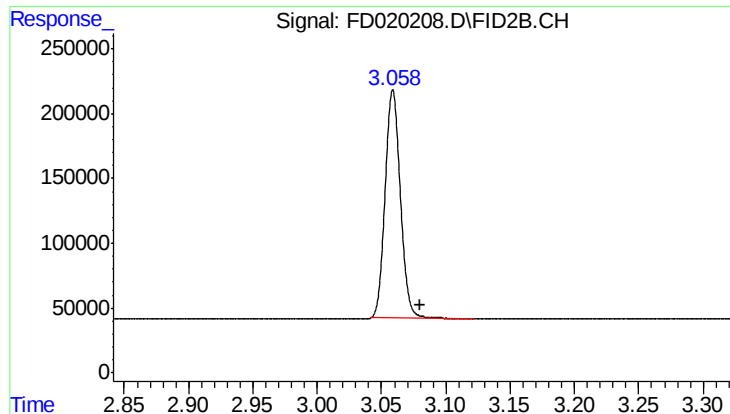
(m)=manual int.

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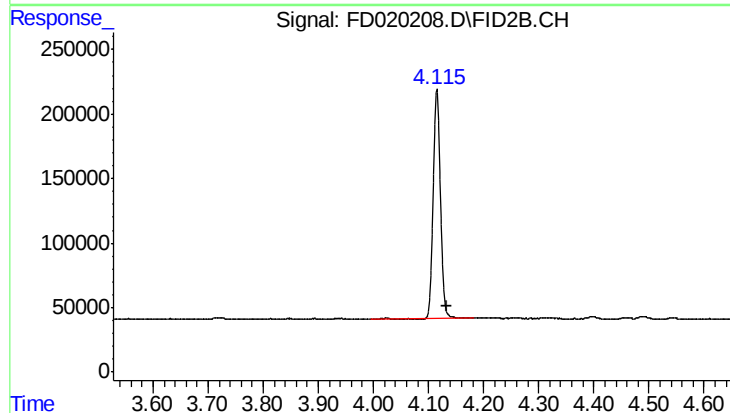
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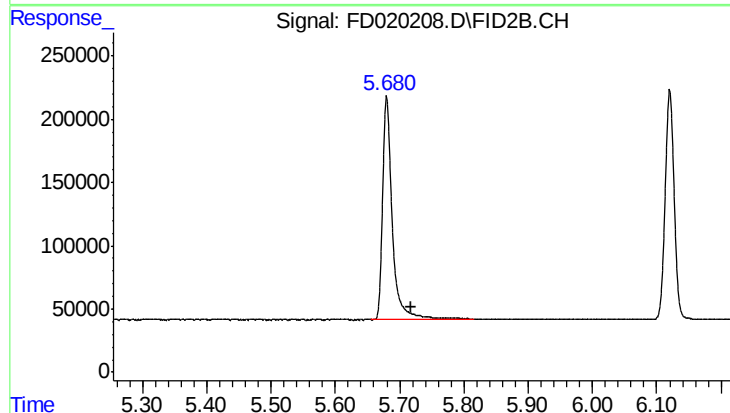
#1 n-Nonane (C9)

R.T.: 3.059 min
Delta R.T.: -0.022 min
Response: 1461514
Conc: 16.93 ug/ml



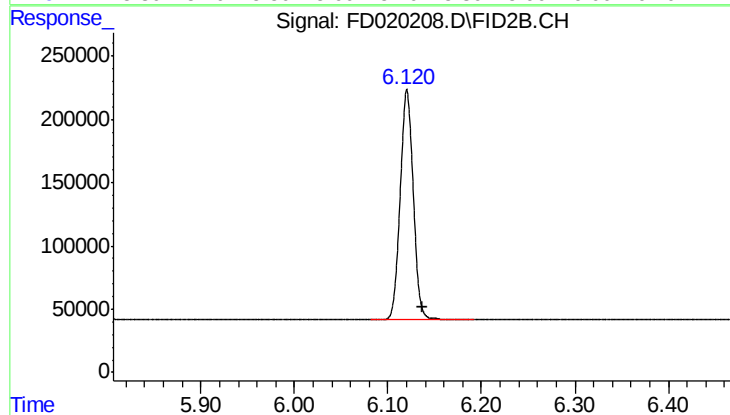
#2 n-Decane (C10)

R.T.: 4.115 min
Delta R.T.: -0.019 min
Response: 1615207
Conc: 18.72 ug/ml



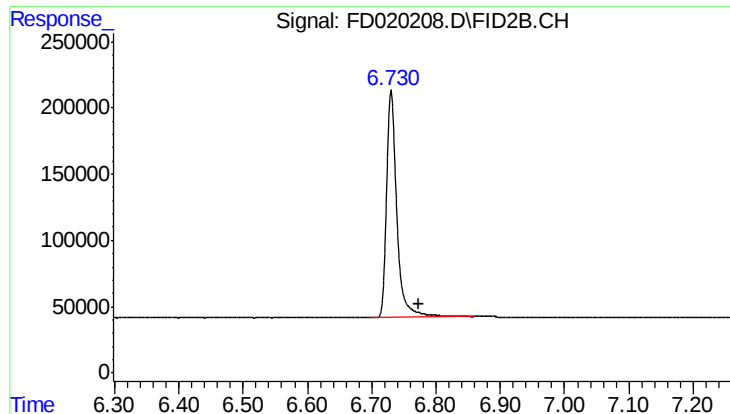
#3 A-Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.037 min
Response: 1854743
Conc: 21.15 ug/ml



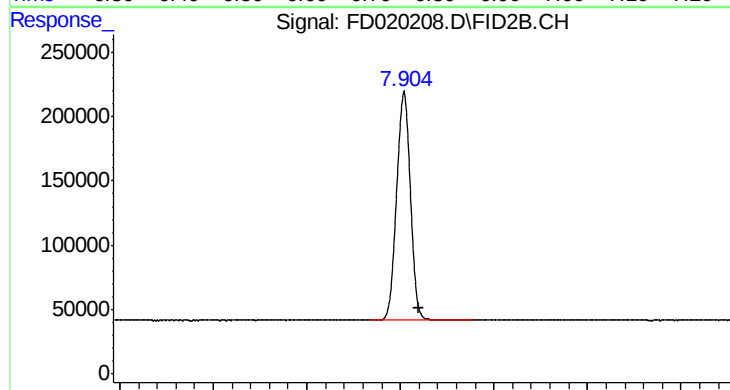
#4 n-Dodecane (C12)

R.T.: 6.121 min
Delta R.T.: -0.017 min
Response: 1766855
Conc: 19.83 ug/ml



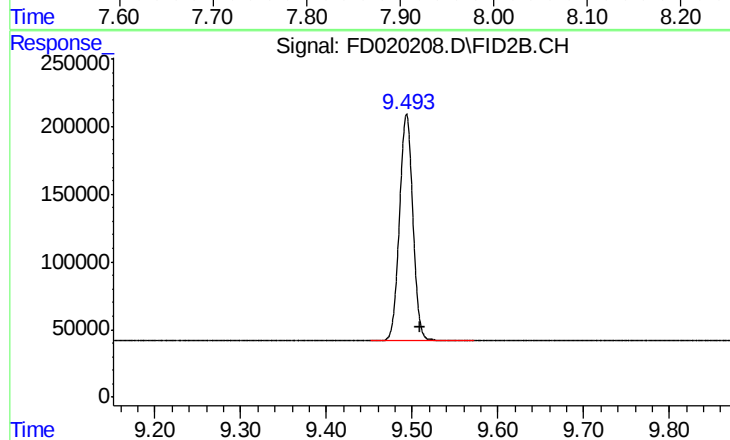
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.731 min
Delta R.T.: -0.043 min
Response: 1904614
Conc: 21.20 ug/ml



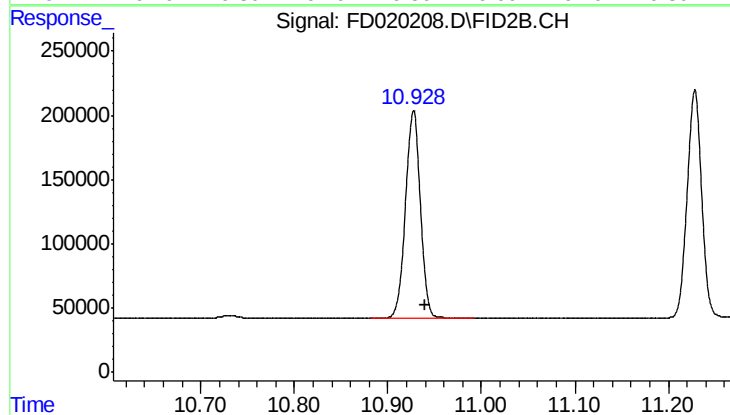
#6 n-Tetradecane (C14)

R.T.: 7.904 min
Delta R.T.: -0.015 min
Response: 1818922
Conc: 19.88 ug/ml



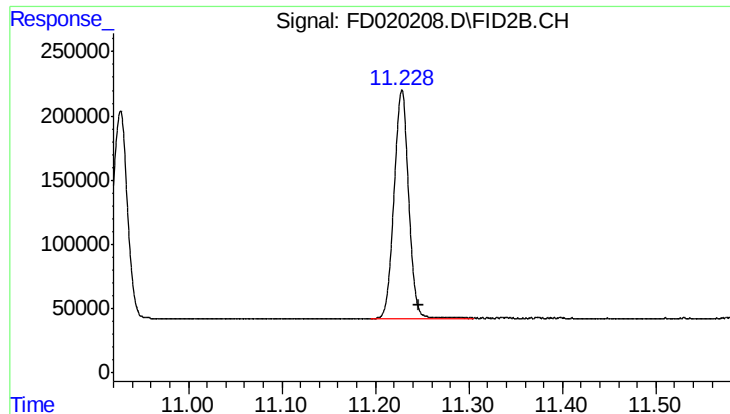
#7 n-Hexadecane (C16)

R.T.: 9.494 min
Delta R.T.: -0.015 min
Response: 1818772
Conc: 19.57 ug/ml



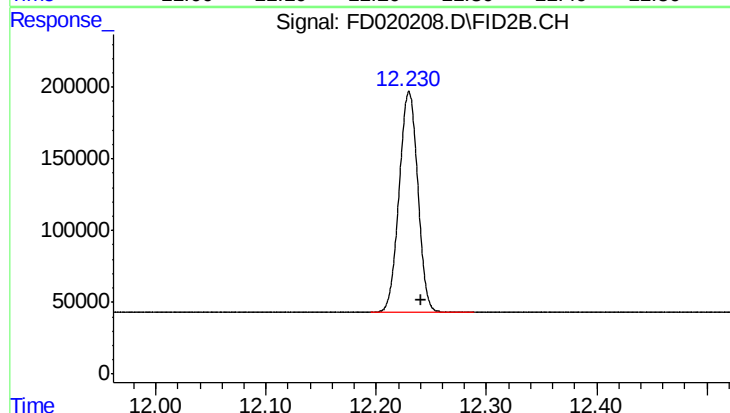
#8 n-Octadecane (C18)

R.T.: 10.927 min
Delta R.T.: -0.013 min
Response: 1779757
Conc: 19.38 ug/ml



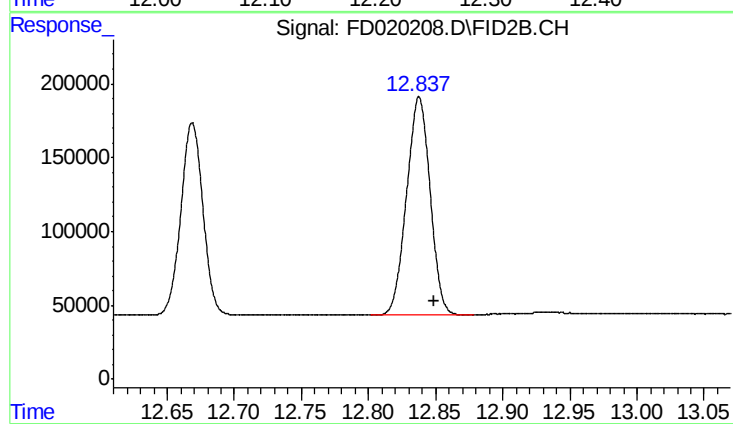
#9 ortho-Terphenyl (SURR)

R.T.: 11.228 min
Delta R.T.: -0.018 min
Response: 1912035
Conc: 19.50 ug/ml



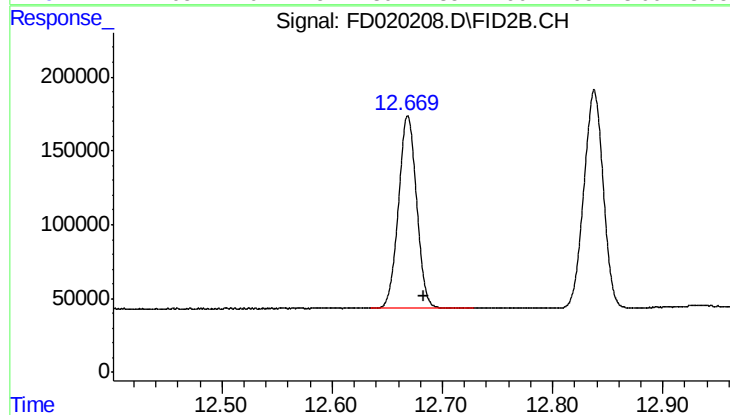
#10 n-Eicosane (C20)

R.T.: 12.230 min
Delta R.T.: -0.011 min
Response: 1807692
Conc: 19.69 ug/ml



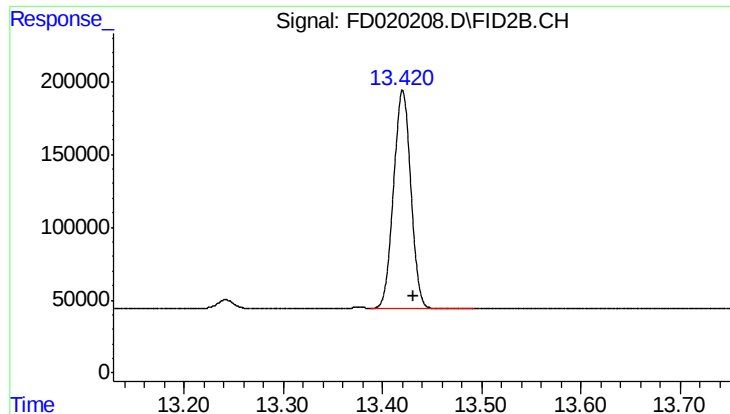
#11 n-Heneicosane (C21)

R.T.: 12.838 min
Delta R.T.: -0.011 min
Response: 1796309
Conc: 19.88 ug/ml



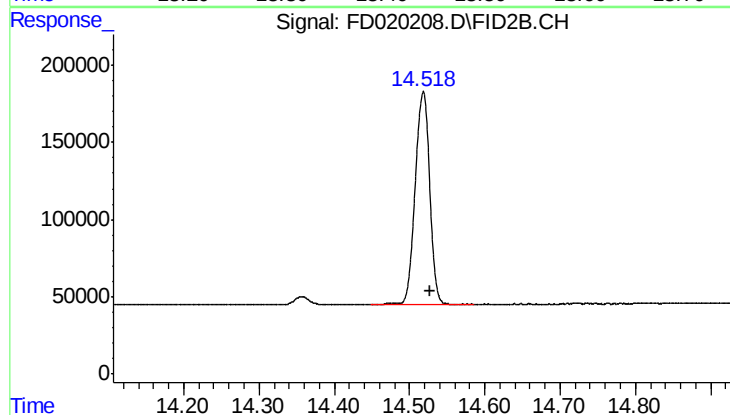
#12 1-chlorooctadecane (SURR)

R.T.: 12.669 min
Delta R.T.: -0.014 min
Response: 1494427
Conc: 20.51 ug/ml



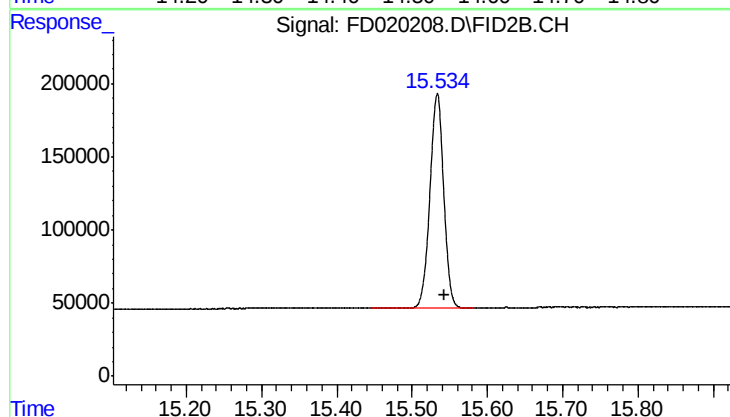
#13 n-Docosane (C22)

R.T.: 13.420 min
Delta R.T.: -0.011 min
Response: 1822903
Conc: 20.38 ug/ml



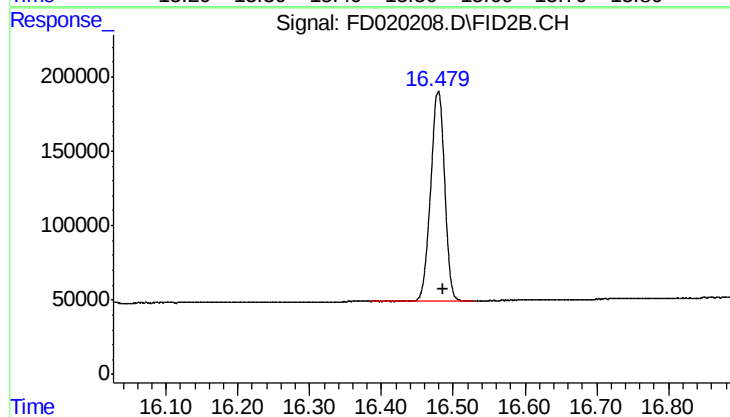
#14 n-Tetracosane (C24)

R.T.: 14.518 min
Delta R.T.: -0.009 min
Response: 1837568
Conc: 21.13 ug/ml



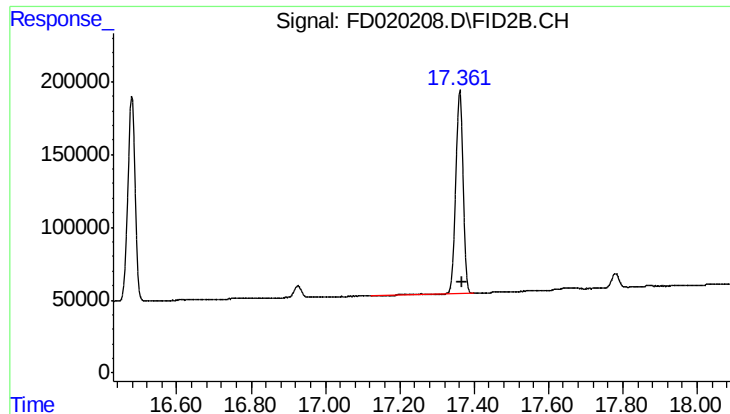
#15 n-Hexacosane (C26)

R.T.: 15.533 min
Delta R.T.: -0.009 min
Response: 1858079
Conc: 21.57 ug/ml



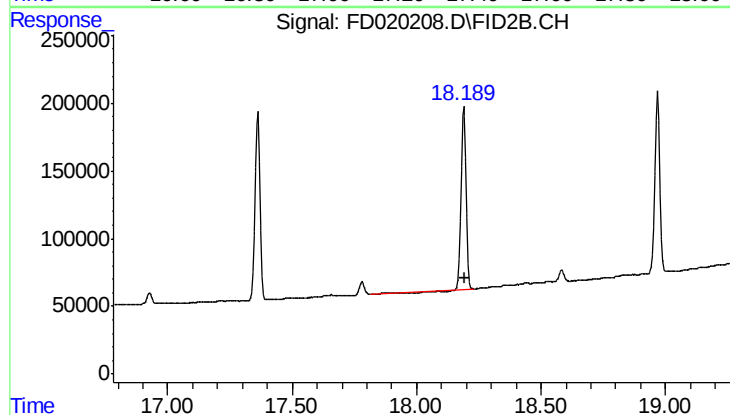
#16 n-Octacosane (C28)

R.T.: 16.479 min
Delta R.T.: -0.007 min
Response: 1911800
Conc: 21.91 ug/ml



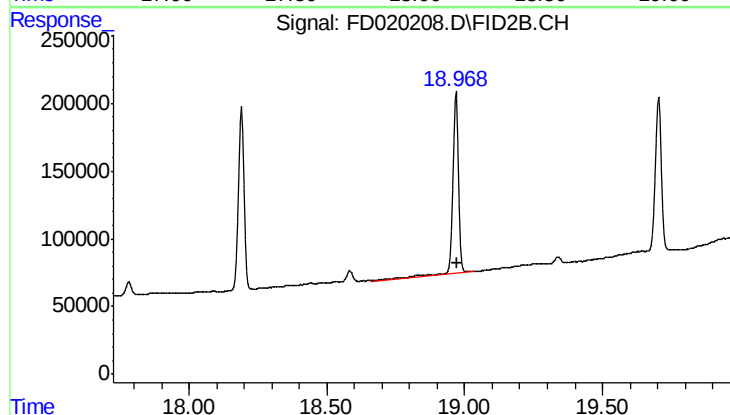
#17 n-Tricontane (C30)

R.T.: 17.361 min
Delta R.T.: -0.006 min
Response: 1909571
Conc: 22.16 ug/ml



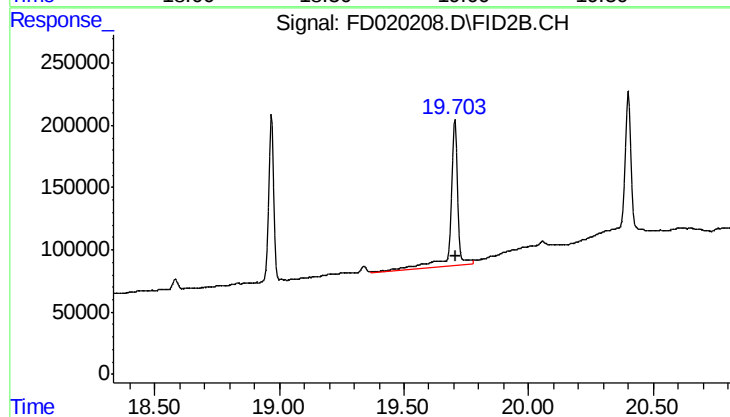
#18 n-Dotriacontane (C32)

R.T.: 18.189 min
Delta R.T.: -0.006 min
Response: 1837692
Conc: 21.40 ug/ml



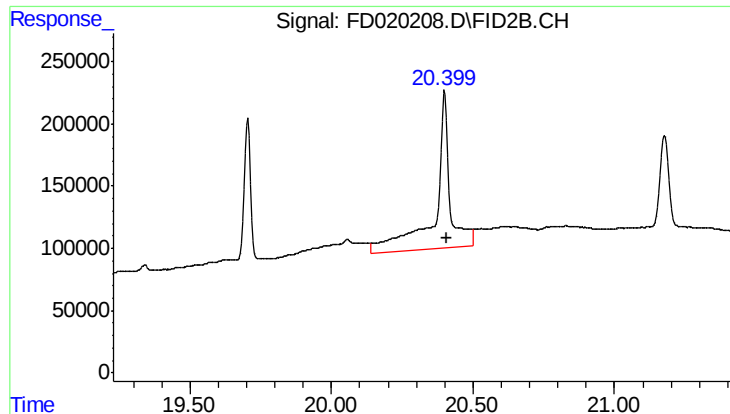
#19 n-Tetratriacontane (C34)

R.T.: 18.968 min
Delta R.T.: -0.006 min
Response: 1912211
Conc: 23.10 ug/ml



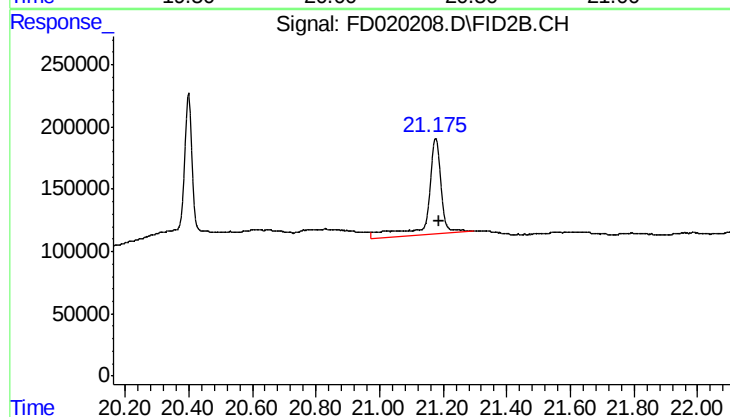
#20 n-Hexatriacontane (C36)

R.T.: 19.704 min
Delta R.T.: -0.006 min
Response: 2319900
Conc: 29.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.399 min
Delta R.T.: -0.009 min
Response: 4713747
Conc: 62.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.176 min
Delta R.T.: -0.011 min
Response: 2179357
Conc: 31.28 ug/ml