

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021822AL\
 Data File : FE035074.D
 Signal(s) : FID1B.CH
 Acq On : 18 Feb 2022 14:00
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 18 14:32:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021822.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 18 14:05:13 2022
 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)	11.726	5071369	5.278 ug/ml
Spiked Amount 50.000		Recovery =	10.56%
12) S 1-chlorooctadecane (S...	13.144	3780866	5.176 ug/ml
Spiked Amount 50.000		Recovery =	10.35%
Target Compounds			
1) T n-Nonane (C9)	3.611	4136910	5.061 ug/ml
2) T n-Decane (C10)	4.608	4270644	5.124 ug/ml
3) T A~Naphthalene (C11.7)	6.165	4855304	5.228 ug/ml
4) T n-Dodecane (C12)	6.581	4489381	5.253 ug/ml
5) T A~2-methylnaphthalene...	7.211	4871709	5.193 ug/ml
6) T n-Tetradecane (C14)	8.364	4447261	5.201 ug/ml
7) T n-Hexadecane (C16)	9.958	4512943	5.233 ug/ml
8) T n-Octadecane (C18)	11.395	4618859	5.297 ug/ml
10) T n-Eicosane (C20)	12.700	4573640	5.302 ug/ml
11) T n-Heneicosane (C21)	13.309	4579636	5.296 ug/ml
13) T n-Docosane (C22)	13.893	4556117	5.282 ug/ml
14) T n-Tetracosane (C24)	14.992	4509454	5.268 ug/ml
15) T n-Hexacosane (C26)	16.008	4355303	5.209 ug/ml
16) T n-Octacosane (C28)	16.954	4113224	5.126 ug/ml
17) T n-Tricontane (C30)	17.837	3821756	5.143 ug/ml
18) T n-Dotriacontane (C32)	18.667	3387415	5.174 ug/ml
19) T n-Tetratriacontane (C34)	19.446	2784835	5.115 ug/ml
20) T n-Hexatriacontane (C36)	20.180	2012064	4.901 ug/ml
21) T n-Octatriacontane (C38)	20.930	1312314	4.755 ug/ml
22) T n-Tetracontane (C40)	21.864	804830	4.591 ug/ml

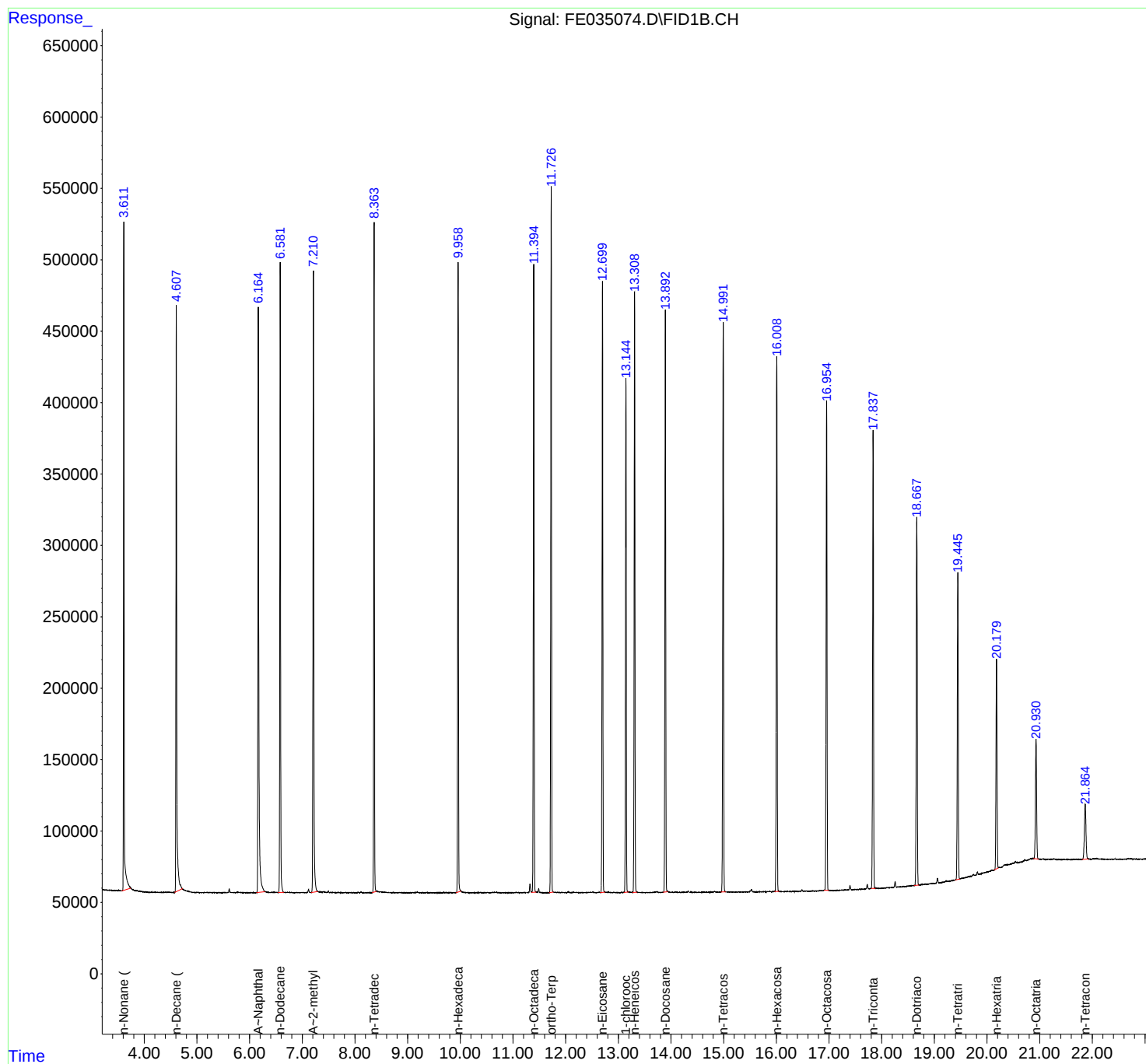
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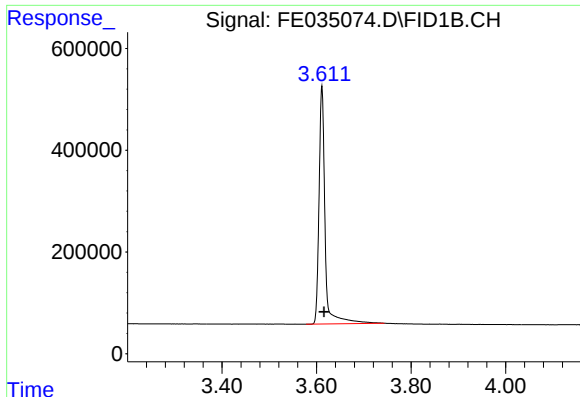
(m)=manual int.

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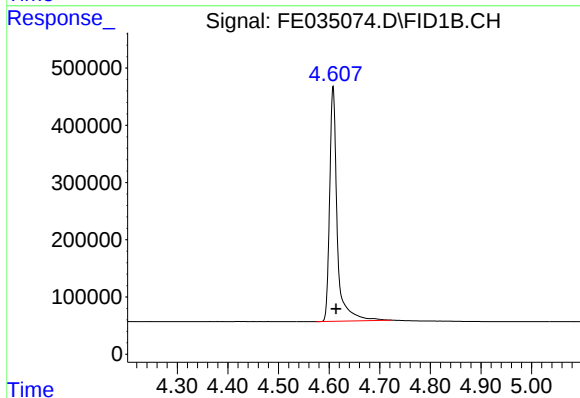
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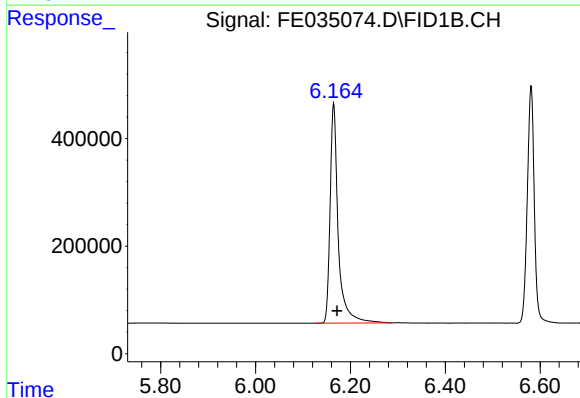
#1 n-Nonane (C9)

R.T.: 3.611 min
Delta R.T.: -0.005 min
Response: 4136910
Conc: 5.06 ug/ml



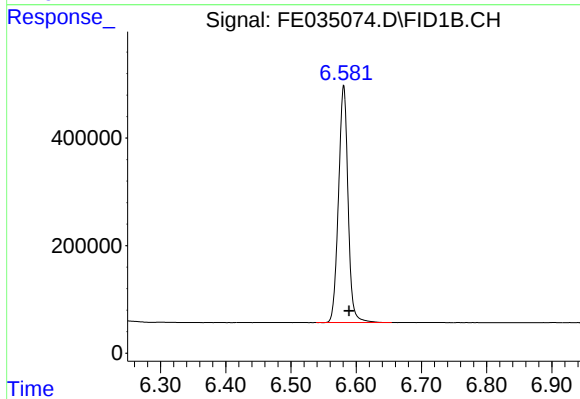
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: -0.006 min
Response: 4270644
Conc: 5.12 ug/ml



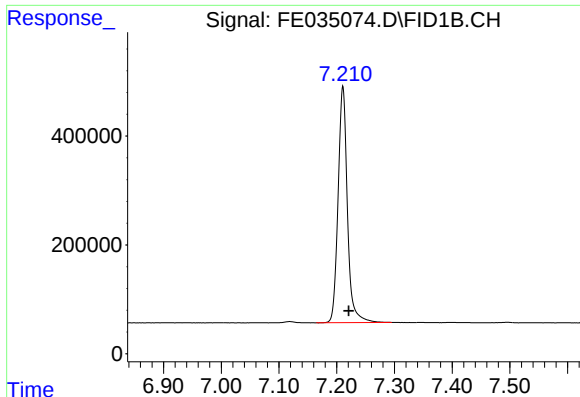
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.007 min
Response: 4855304
Conc: 5.23 ug/ml



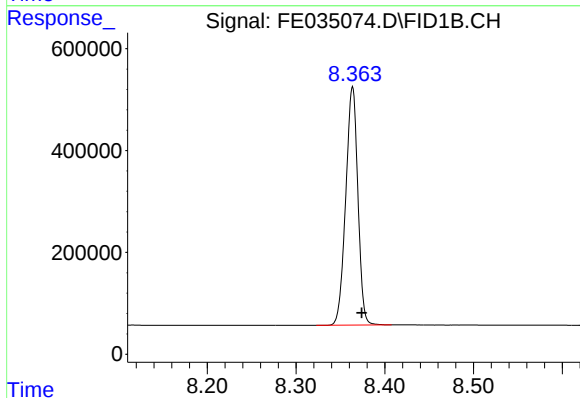
#4 n-Dodecane (C12)

R.T.: 6.581 min
Delta R.T.: -0.008 min
Response: 4489381
Conc: 5.25 ug/ml



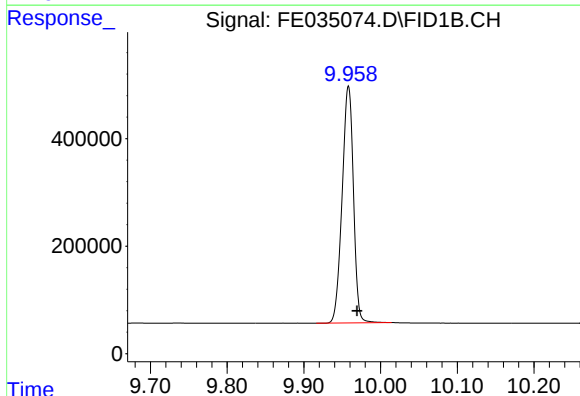
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.211 min
Delta R.T.: -0.010 min
Response: 4871709
Conc: 5.19 ug/ml



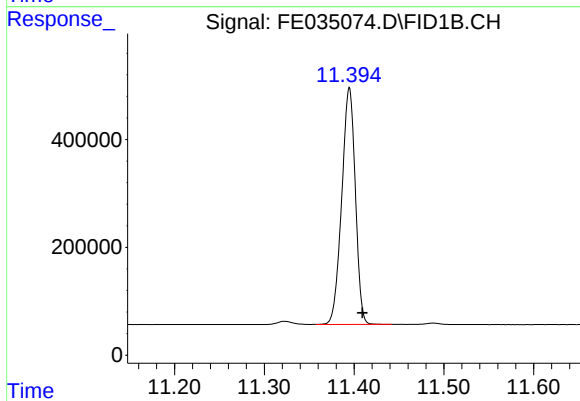
#6 n-Tetradecane (C14)

R.T.: 8.364 min
Delta R.T.: -0.011 min
Response: 4447261
Conc: 5.20 ug/ml



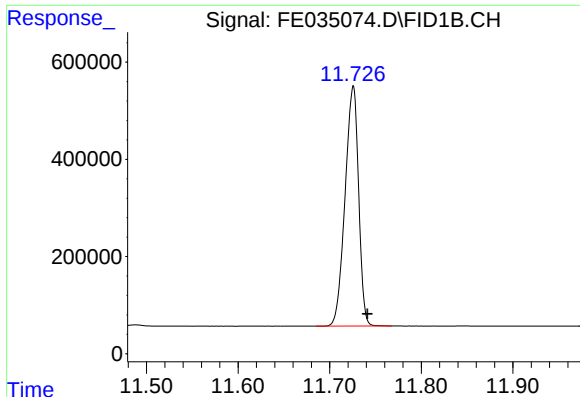
#7 n-Hexadecane (C16)

R.T.: 9.958 min
Delta R.T.: -0.011 min
Response: 4512943
Conc: 5.23 ug/ml



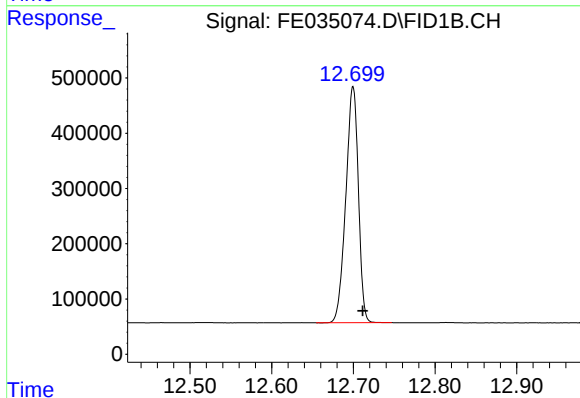
#8 n-Octadecane (C18)

R.T.: 11.395 min
Delta R.T.: -0.015 min
Response: 4618859
Conc: 5.30 ug/ml



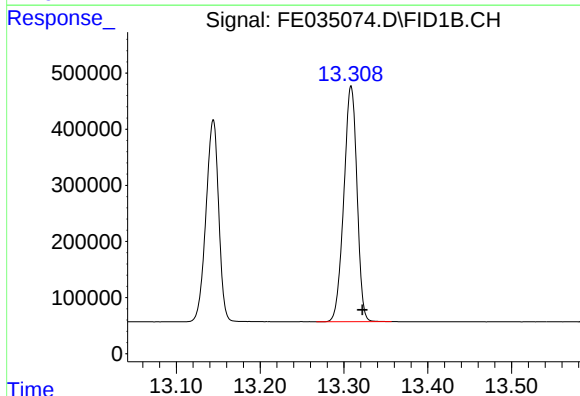
#9 ortho-Terphenyl (SURR)

R.T.: 11.726 min
Delta R.T.: -0.015 min
Response: 5071369
Conc: 5.28 ug/ml



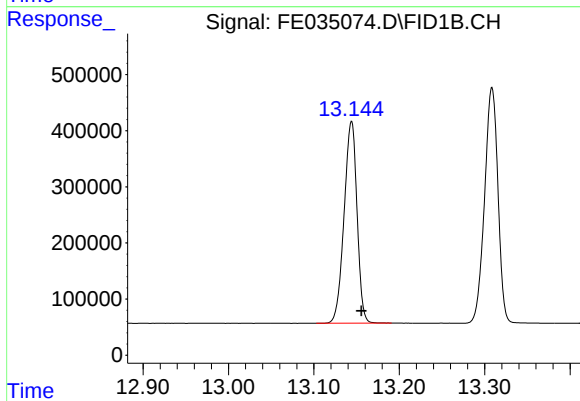
#10 n-Eicosane (C20)

R.T.: 12.700 min
Delta R.T.: -0.012 min
Response: 4573640
Conc: 5.30 ug/ml



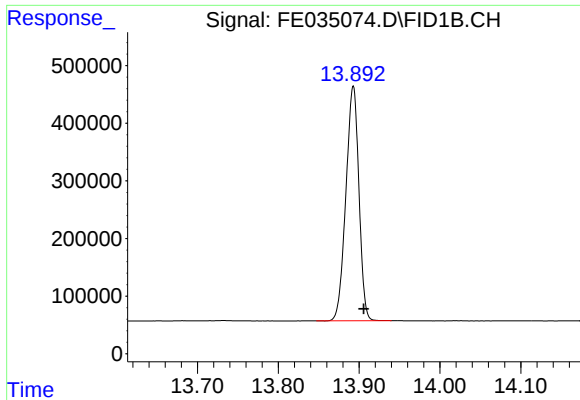
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: -0.014 min
Response: 4579636
Conc: 5.30 ug/ml



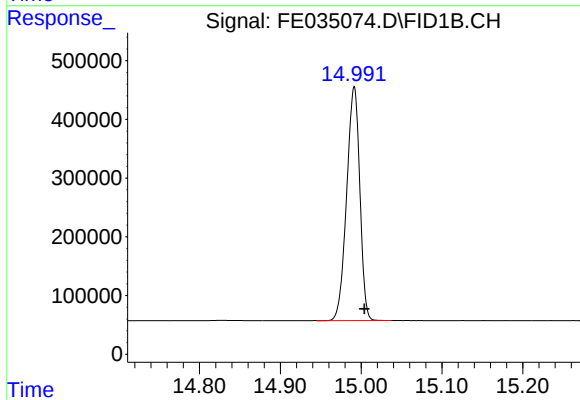
#12 1-chlorooctadecane (SURR)

R.T.: 13.144 min
Delta R.T.: -0.012 min
Response: 3780866
Conc: 5.18 ug/ml



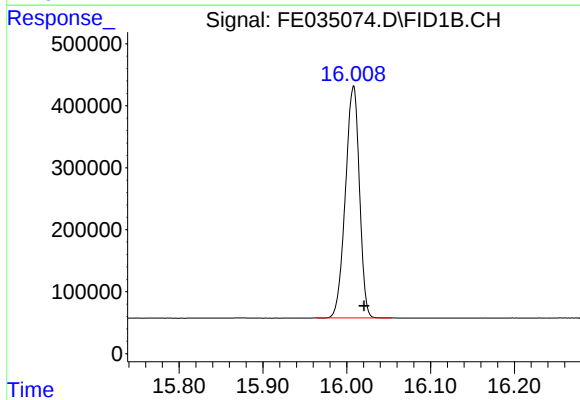
#13 n-Docosane (C22)

R.T.: 13.893 min
Delta R.T.: -0.013 min
Response: 4556117
Conc: 5.28 ug/ml



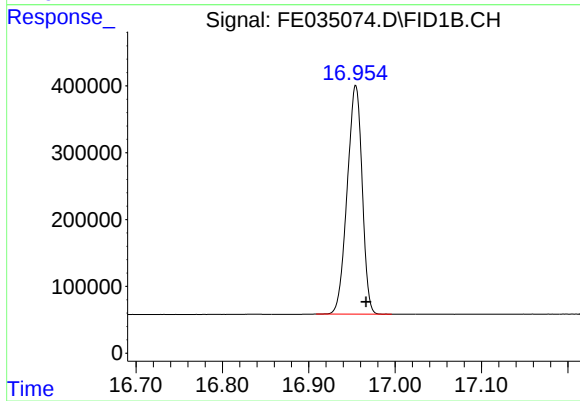
#14 n-Tetracosane (C24)

R.T.: 14.992 min
Delta R.T.: -0.013 min
Response: 4509454
Conc: 5.27 ug/ml



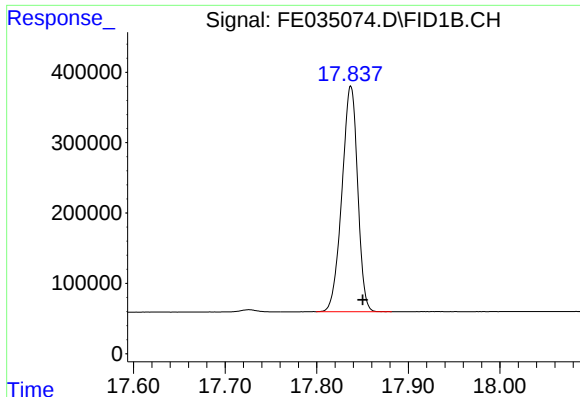
#15 n-Hexacosane (C26)

R.T.: 16.008 min
Delta R.T.: -0.013 min
Response: 4355303
Conc: 5.21 ug/ml



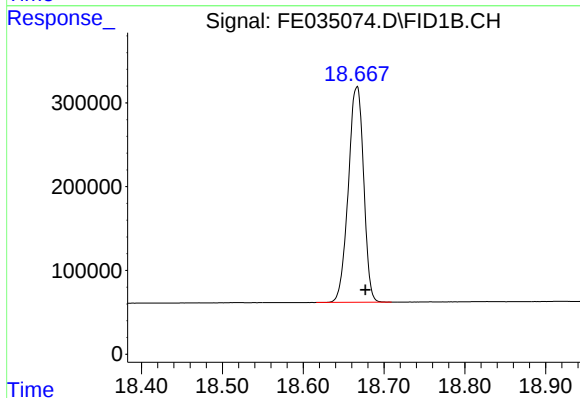
#16 n-Octacosane (C28)

R.T.: 16.954 min
Delta R.T.: -0.012 min
Response: 4113224
Conc: 5.13 ug/ml



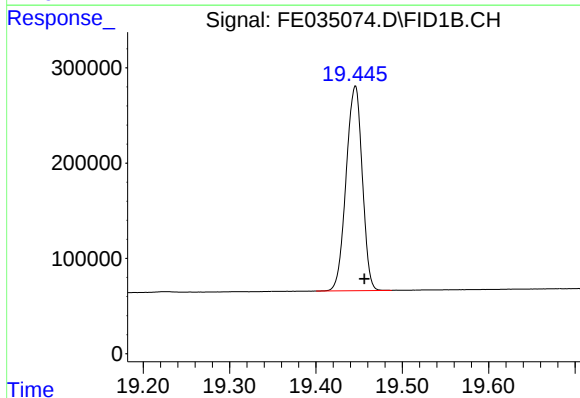
#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: -0.013 min
Response: 3821756
Conc: 5.14 ug/ml



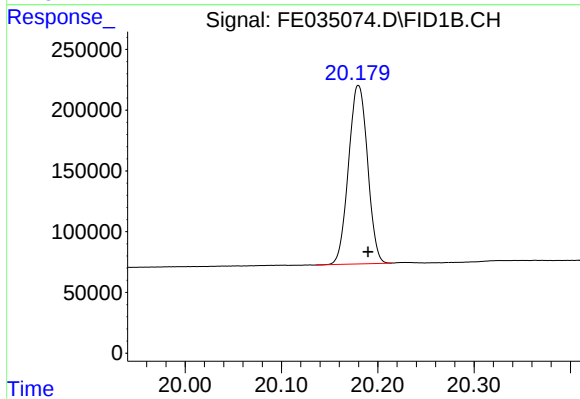
#18 n-Dotriacontane (C32)

R.T.: 18.667 min
Delta R.T.: -0.011 min
Response: 3387415
Conc: 5.17 ug/ml



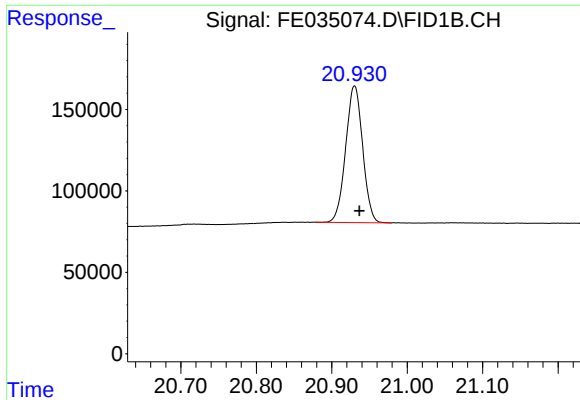
#19 n-Tetratriacontane (C34)

R.T.: 19.446 min
Delta R.T.: -0.010 min
Response: 2784835
Conc: 5.12 ug/ml



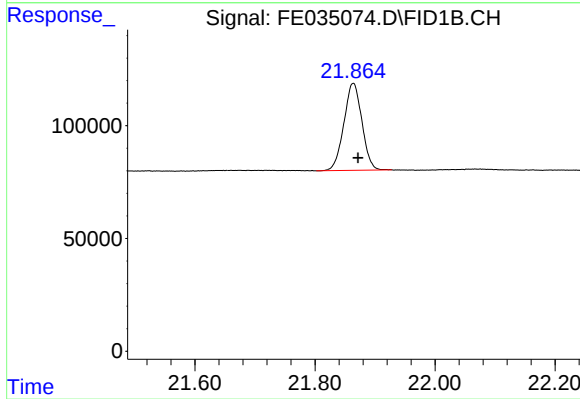
#20 n-Hexatriacontane (C36)

R.T.: 20.180 min
Delta R.T.: -0.010 min
Response: 2012064
Conc: 4.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.930 min
Delta R.T.: -0.006 min
Response: 1312314
Conc: 4.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.864 min
Delta R.T.: -0.008 min
Response: 804830
Conc: 4.59 ug/ml