

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082322AL\
 Data File : FE037201.D
 Signal(s) : FID1B.ch
 Acq On : 23 Aug 2022 14:10
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 23 14:37:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 14:06:28 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.702	881337	5.125 ug/ml
Spiked Amount 50.000		Recovery =	10.25%
12) S 1-chlorooctadecane (S...	13.119	692409	5.085 ug/ml
Spiked Amount 50.000		Recovery =	10.17%
Target Compounds			
1) T n-Nonane (C9)	3.087	741319	4.970 ug/ml
2) T n-Decane (C10)	4.342	742652	4.947 ug/ml
3) T A~Naphthalene (C11.7)	6.101	701974	4.813 ug/mlm
4) T n-Dodecane (C12)	6.511	787093	5.115 ug/ml
5) T A~2-methylnaphthalene...	7.197	676727	4.865 ug/mlm
6) T n-Tetradecane (C14)	9.932	799964	5.108 ug/ml
7) T n-Hexadecane (C16)	9.932	799964	5.108 ug/ml
8) T n-Octadecane (C18)	11.367	826083	5.158 ug/ml
10) T n-Eicosane (C20)	12.671	857025	5.259 ug/ml
11) T n-Heneicosane (C21)	13.280	854946	5.213 ug/ml
13) T n-Docosane (C22)	13.863	858370	5.211 ug/ml
14) T n-Tetracosane (C24)	14.962	848993	5.180 ug/ml
15) T n-Hexacosane (C26)	15.979	834083	5.145 ug/ml
16) T n-Octacosane (C28)	16.926	805103	5.088 ug/ml
17) T n-Tricontane (C30)	17.808	783828	5.059 ug/ml
18) T n-Dotriacontane (C32)	18.637	747645	5.015 ug/ml
19) T n-Tetratriacontane (C34)	19.419	655480	4.849 ug/ml
20) T n-Hexatriacontane (C36)	20.154	606515	4.660 ug/ml
21) T n-Octatriacontane (C38)	20.855	580612	4.797 ug/ml
22) T n-Tetracontane (C40)	21.659	632730	5.302 ug/ml

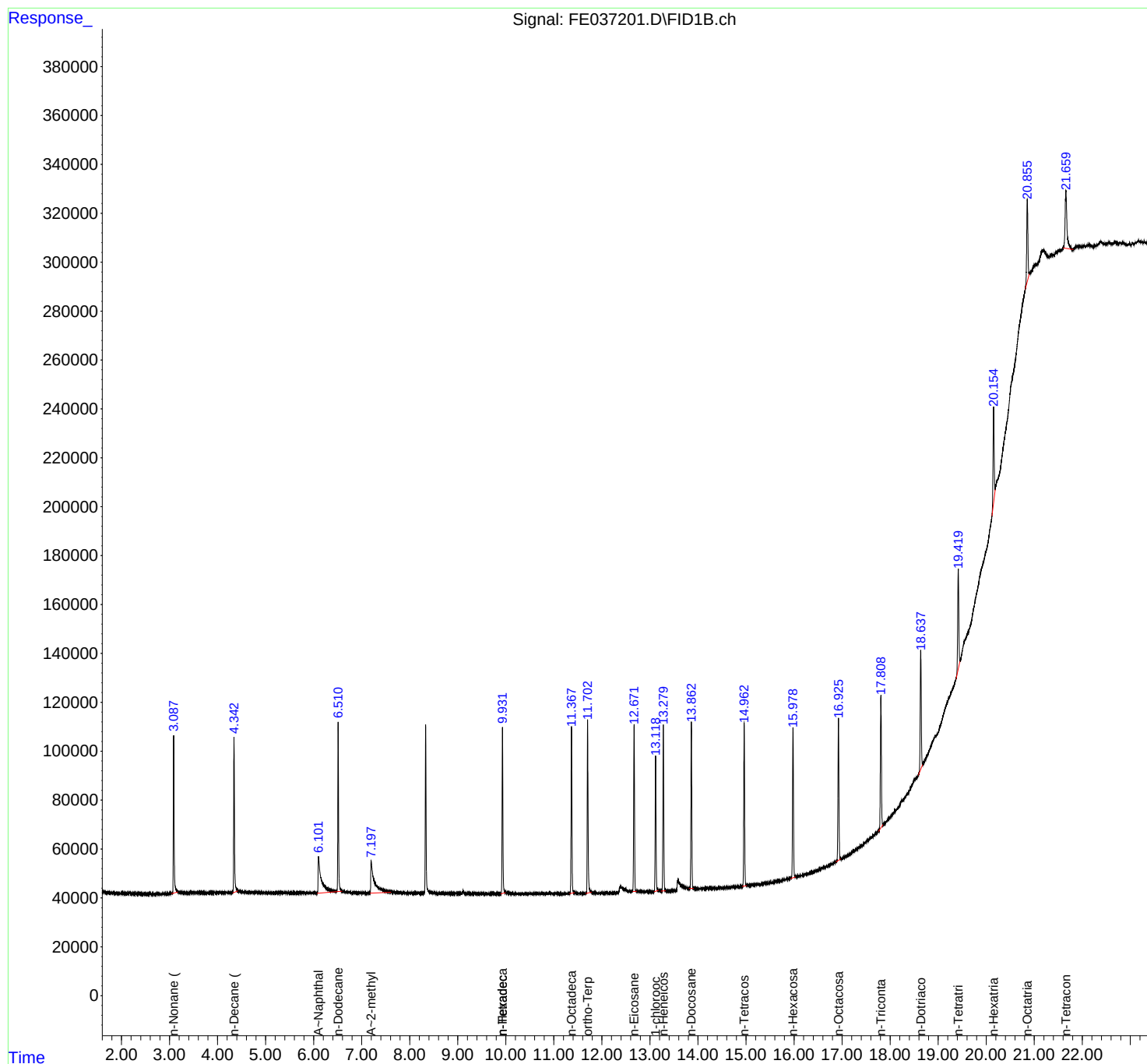
(f)=RT Delta > 1/2 Window

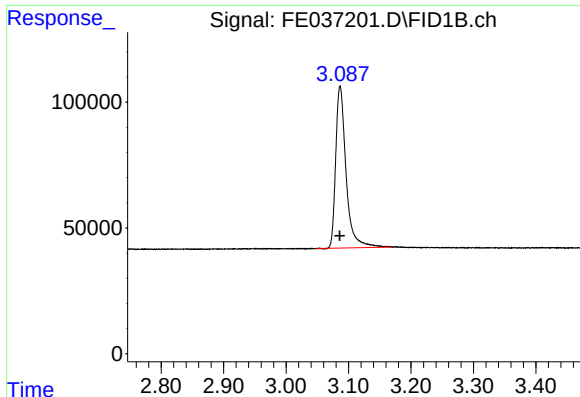
(m)=manual int.

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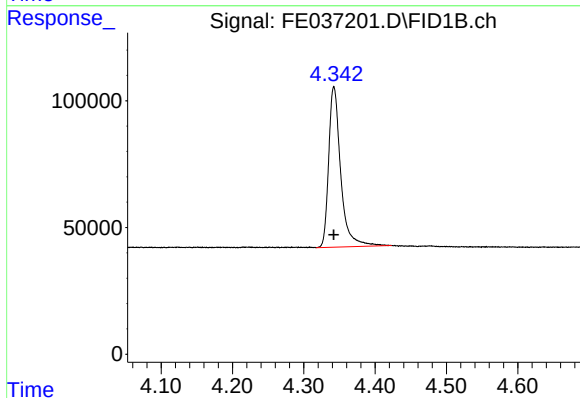
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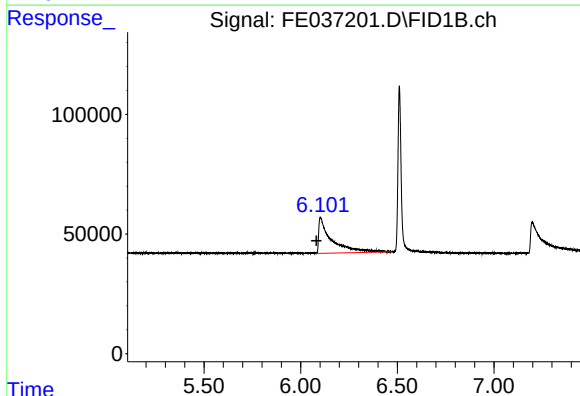
#1 n-Nonane (C9)

R.T.: 3.087 min
Delta R.T.: 0.000 min
Response: 741319
Conc: 4.97 ug/ml



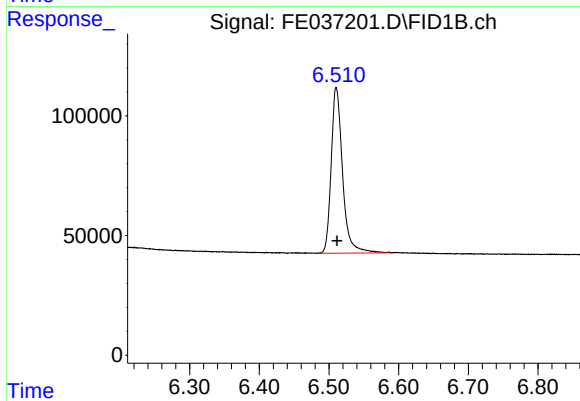
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 742652
Conc: 4.95 ug/ml



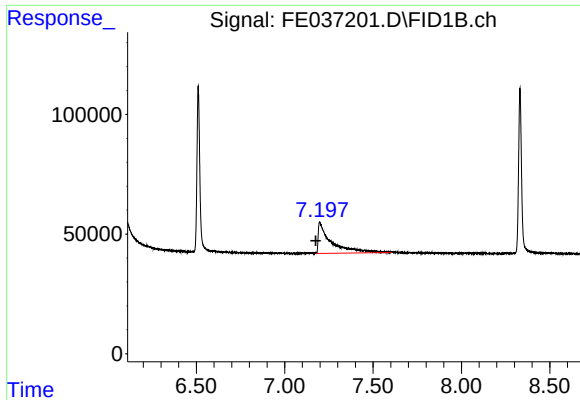
#3 A~Naphthalene (C11.7)

R.T.: 6.101 min
Delta R.T.: 0.019 min
Response: 701974
Conc: 4.81 ug/ml m



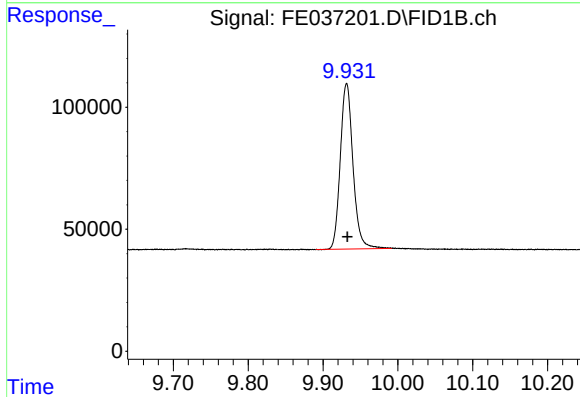
#4 n-Dodecane (C12)

R.T.: 6.511 min
Delta R.T.: 0.000 min
Response: 787093
Conc: 5.11 ug/ml



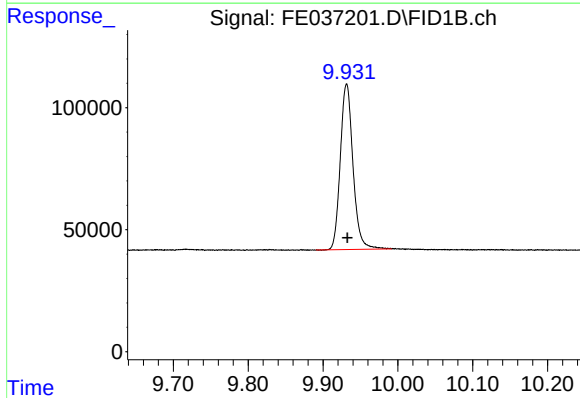
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.197 min
Delta R.T.: 0.022 min
Response: 676727
Conc: 4.87 ug/ml m



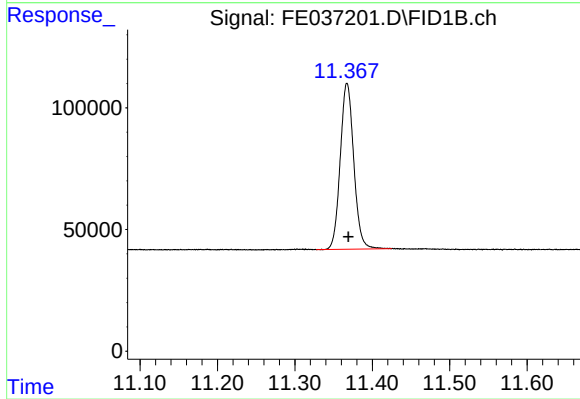
#6 n-Tetradecane (C14)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 799964
Conc: 5.11 ug/ml



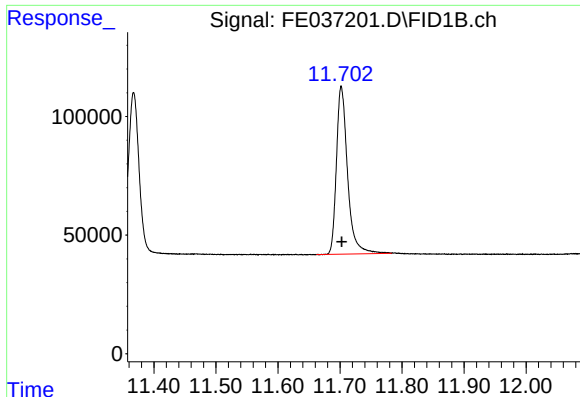
#7 n-Hexadecane (C16)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 799964
Conc: 5.11 ug/ml



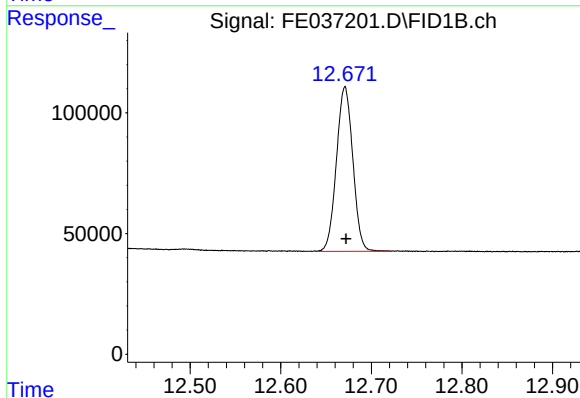
#8 n-Octadecane (C18)

R.T.: 11.367 min
Delta R.T.: -0.002 min
Response: 826083
Conc: 5.16 ug/ml



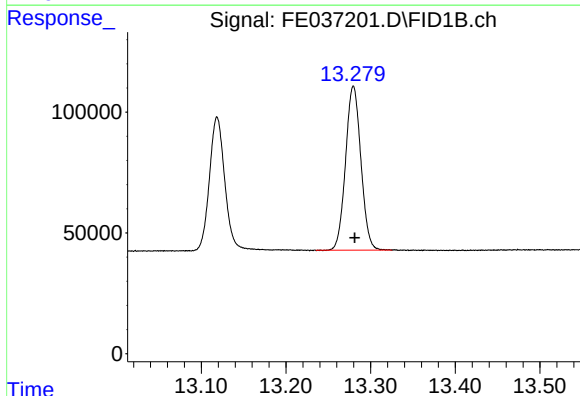
#9 ortho-Terphenyl (SURR)

R.T.: 11.702 min
Delta R.T.: 0.000 min
Response: 881337
Conc: 5.13 ug/ml



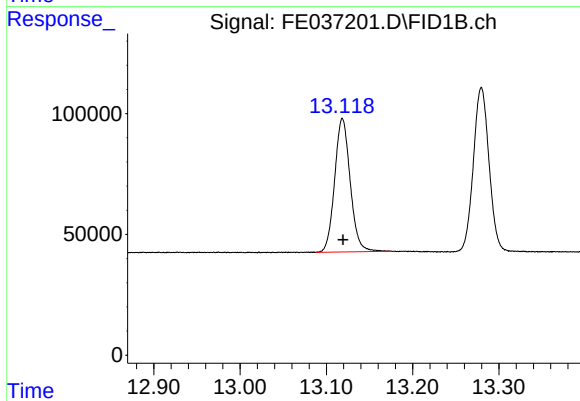
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: -0.001 min
Response: 857025
Conc: 5.26 ug/ml



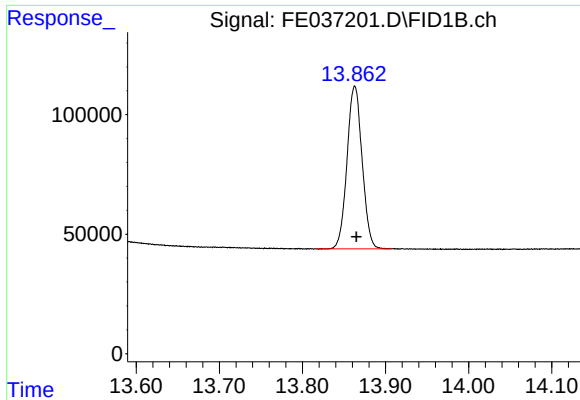
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: -0.002 min
Response: 854946
Conc: 5.21 ug/ml



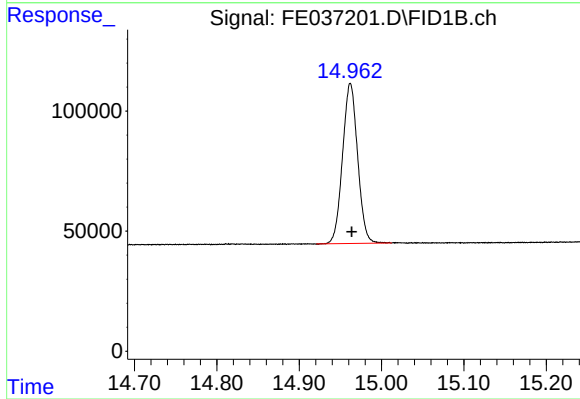
#12 1-chlorooctadecane (SURR)

R.T.: 13.119 min
Delta R.T.: 0.000 min
Response: 692409
Conc: 5.08 ug/ml



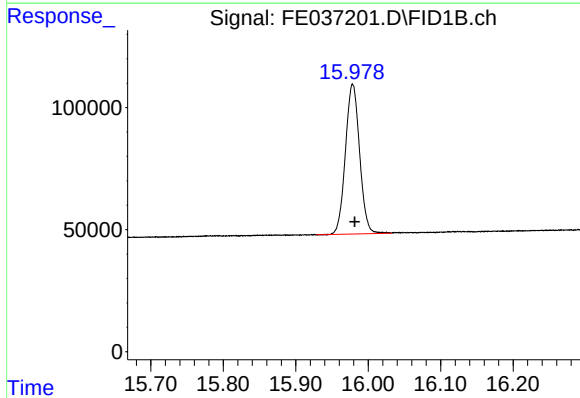
#13 n-Docosane (C22)

R.T.: 13.863 min
Delta R.T.: -0.002 min
Response: 858370
Conc: 5.21 ug/ml



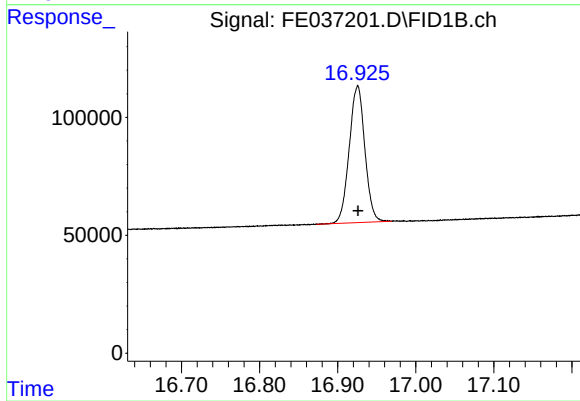
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: -0.002 min
Response: 848993
Conc: 5.18 ug/ml



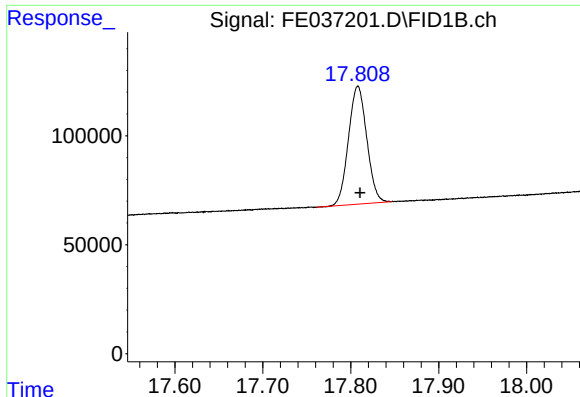
#15 n-Hexacosane (C26)

R.T.: 15.979 min
Delta R.T.: -0.003 min
Response: 834083
Conc: 5.15 ug/ml



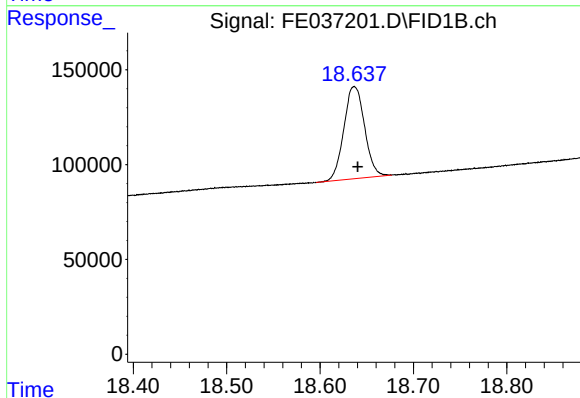
#16 n-Octacosane (C28)

R.T.: 16.926 min
Delta R.T.: 0.000 min
Response: 805103
Conc: 5.09 ug/ml



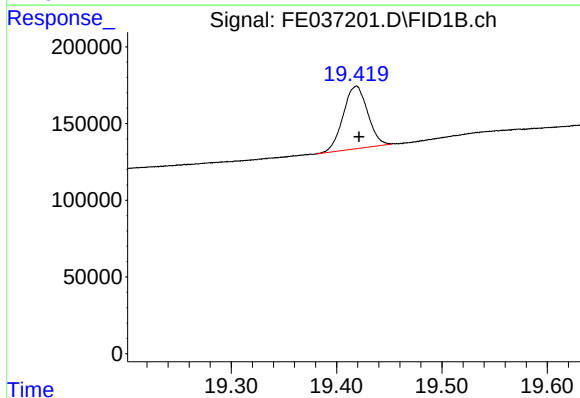
#17 n-Tricontane (C30)

R.T.: 17.808 min
Delta R.T.: -0.002 min
Response: 783828
Conc: 5.06 ug/ml



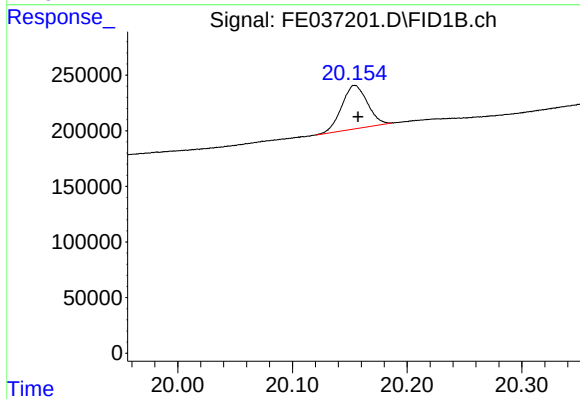
#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: -0.004 min
Response: 747645
Conc: 5.02 ug/ml



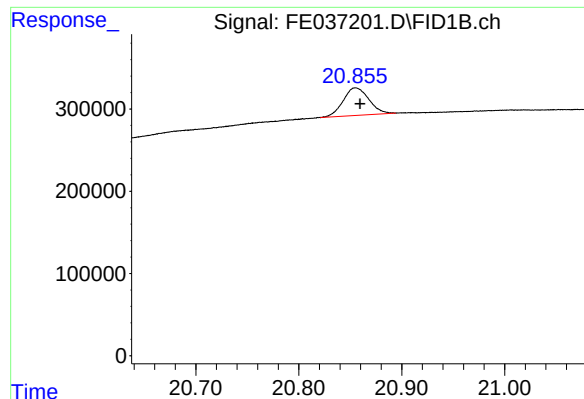
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: -0.002 min
Response: 655480
Conc: 4.85 ug/ml



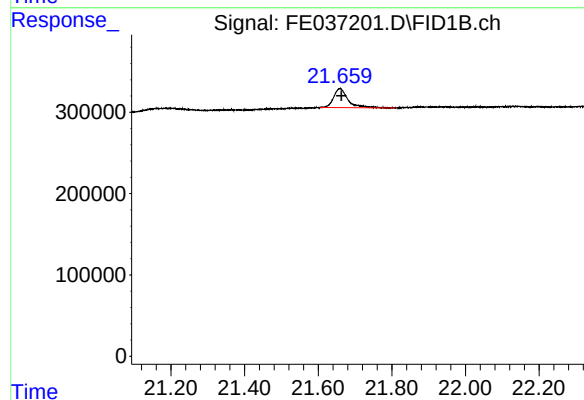
#20 n-Hexatriacontane (C36)

R.T.: 20.154 min
Delta R.T.: -0.003 min
Response: 606515
Conc: 4.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.855 min
Delta R.T.: -0.004 min
Response: 580612
Conc: 4.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.659 min
Delta R.T.: -0.004 min
Response: 632730
Conc: 5.30 ug/ml