Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AL\
Data File : FD043125.D
Signal(s) : FID2B.ch
Acq On : 30 Jun 2022 12:17
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jul 01 03:47:21 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 062422.M
Quant Title : GC Extractables
QLast Update : Mon Jun 27 04:21:05 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)	11.536	3557332	20.086 ug/ml
Spiked Amount	50.000		Recovery =	40.17%
12) S	1-chlorooctadecane (S...	12.970	2795185	20.189 ug/ml
Spiked Amount	50.000		Recovery =	40.38%
	Target Compounds			
1) T	n-Nonane (C9)	3.324	3018121	20.129 ug/ml
2) T	n-Decane (C10)	4.387	3034278	20.330 ug/ml
3) T	A~Naphthalene (C11.7)	5.965	3462214	20.421 ug/ml
4) T	n-Dodecane (C12)	6.399	3135590	20.512 ug/ml
5) T	A~2-methylnaphthalene...	7.018	3518805	20.482 ug/ml
6) T	n-Tetradecane (C14)	8.189	3168066	20.589 ug/ml
7) T	n-Hexadecane (C16)	9.785	3212560	20.558 ug/ml
8) T	n-Octadecane (C18)	11.223	3248022	20.504 ug/ml
10) T	n-Eicosane (C20)	12.527	3250913	20.480 ug/ml
11) T	n-Heneicosane (C21)	13.137	3221008	20.174 ug/ml
13) T	n-Docosane (C22)	13.722	3276732	20.509 ug/ml
14) T	n-Tetracosane (C24)	14.821	3324085	20.703 ug/ml
15) T	n-Hexacosane (C26)	15.837	3304813	20.802 ug/ml
16) T	n-Octacosane (C28)	16.784	3271611	20.877 ug/ml
17) T	n-Tricontane (C30)	17.667	3116840	20.538 ug/ml
18) T	n-Dotriacontane (C32)	18.496	2884239	20.483 ug/ml
19) T	n-Tetratriacontane (C34)	19.276	2565868	20.150 ug/ml
20) T	n-Hexatriacontane (C36)	20.013	2357177	20.476 ug/ml
21) T	n-Octatriacontane (C38)	20.733	2270916	21.082 ug/ml
22) T	n-Tetracontane (C40)	21.610	2296285	21.602 ug/ml

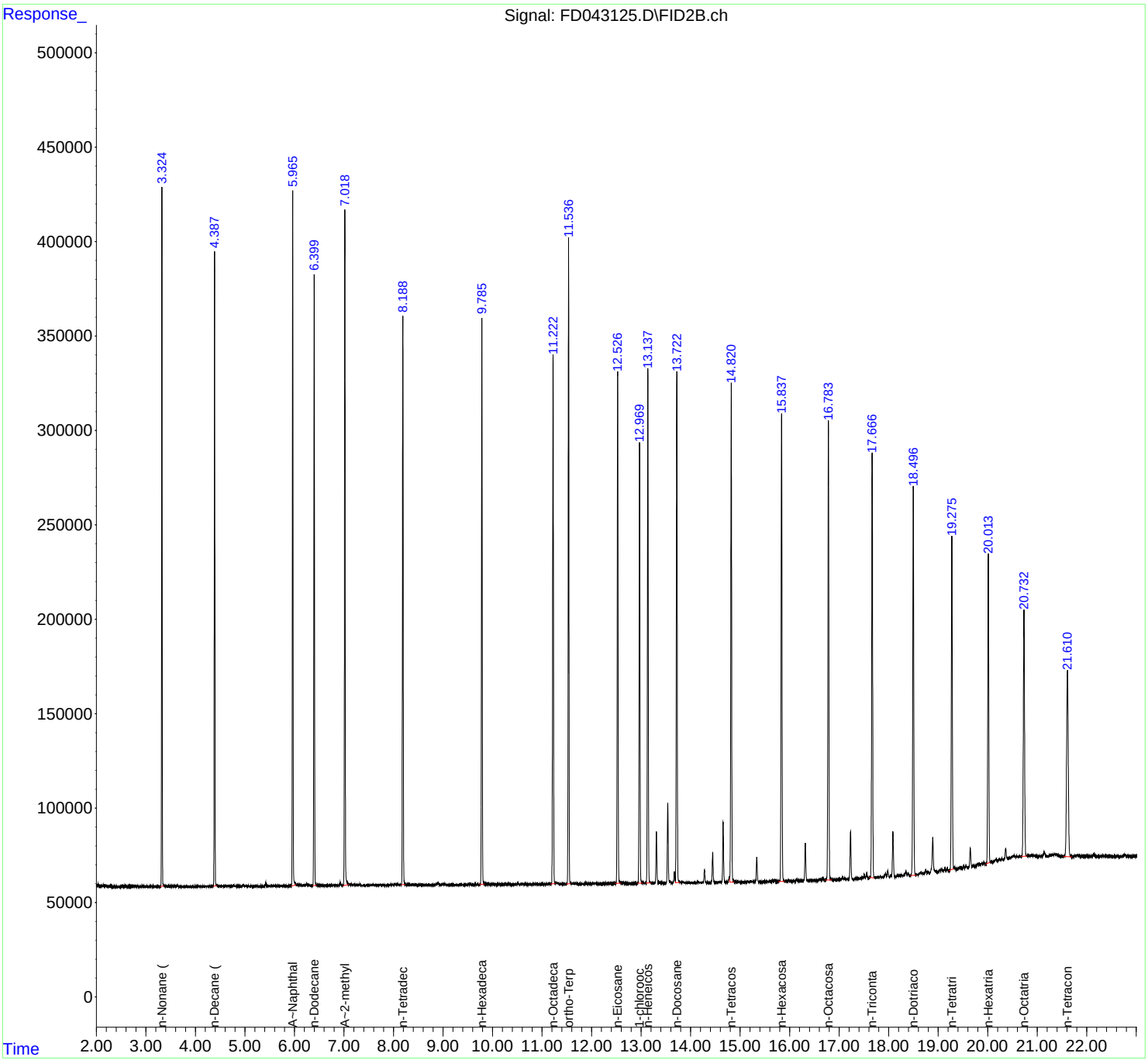
(f)=RT Delta > 1/2 Window (m)=manual int.

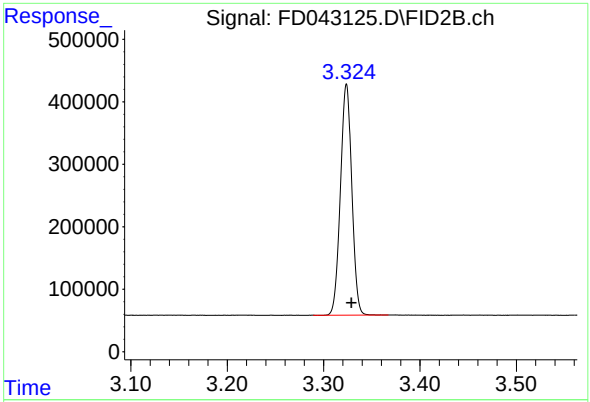
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AL\
Data File : FD043125.D
Signal(s) : FID2B.ch
Acq On : 30 Jun 2022 12:17
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jul 01 03:47:21 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 062422.M
Quant Title : GC Extractables
QLast Update : Mon Jun 27 04:21:05 2022
Response via : Initial Calibration
Integrator: ChemStation

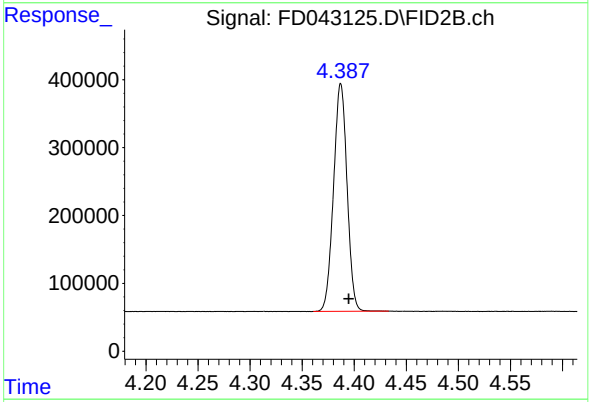
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





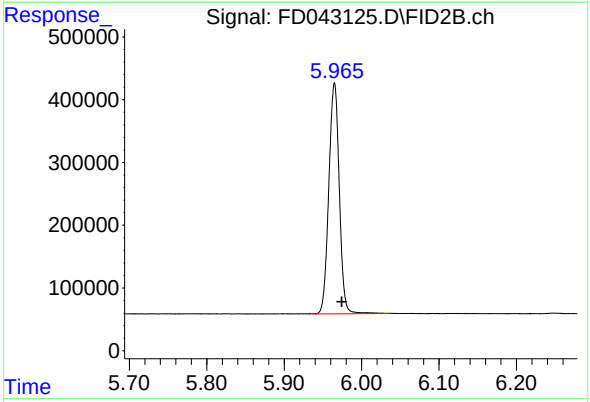
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: -0.005 min
Response: 3018121
Conc: 20.13 ug/ml



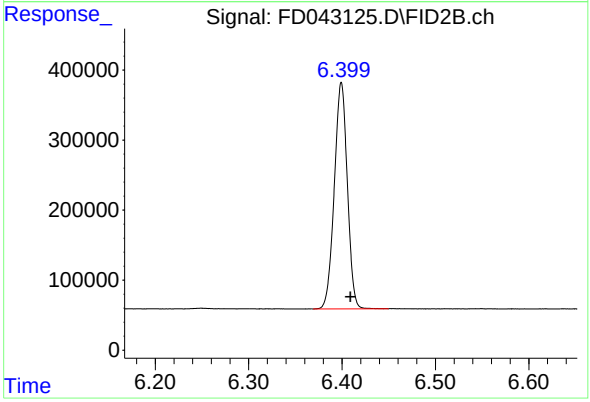
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.008 min
Response: 3034278
Conc: 20.33 ug/ml



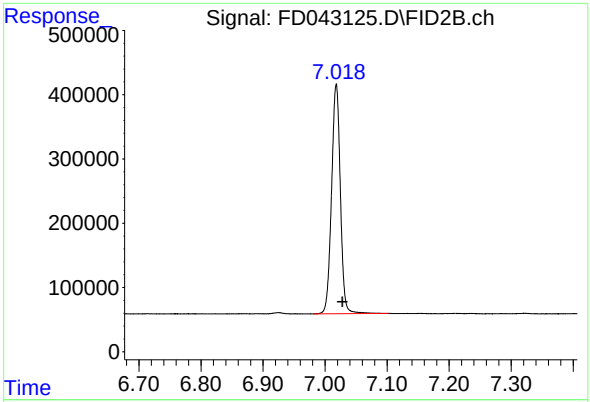
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.009 min
Response: 3462214
Conc: 20.42 ug/ml



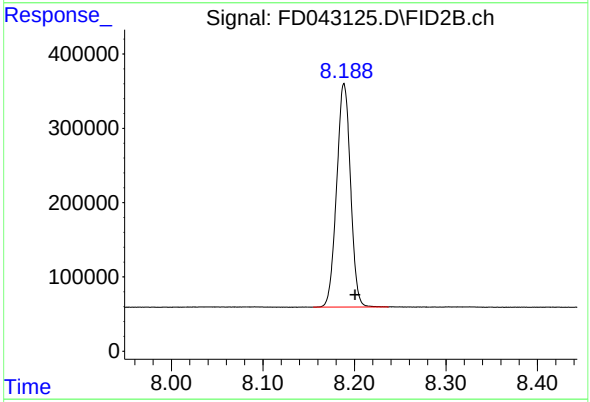
#4 n-Dodecane (C12)

R.T.: 6.399 min
Delta R.T.: -0.010 min
Response: 3135590
Conc: 20.51 ug/ml



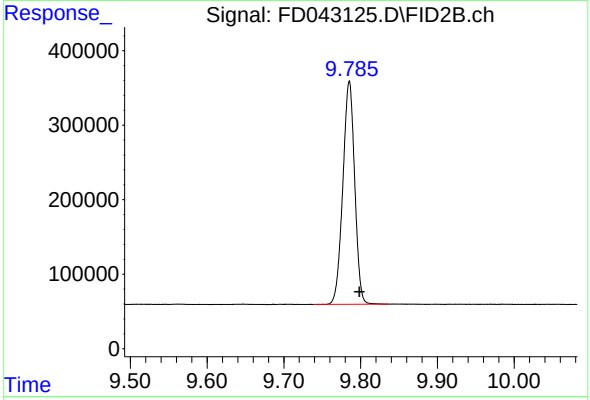
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: -0.010 min
Response: 3518805
Conc: 20.48 ug/ml



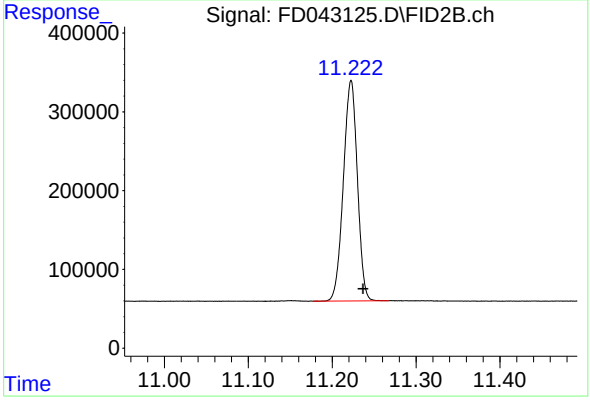
#6 n-Tetradecane (C14)

R.T.: 8.189 min
Delta R.T.: -0.012 min
Response: 3168066
Conc: 20.59 ug/ml



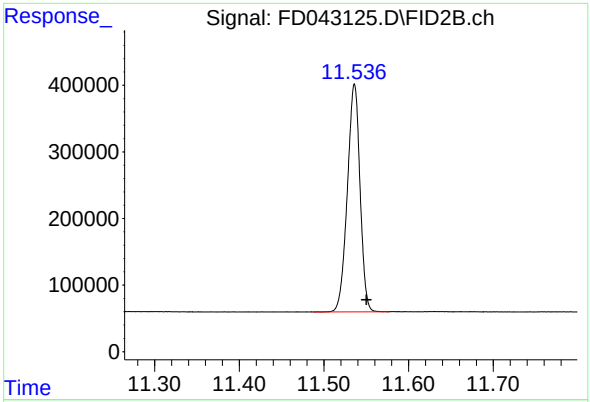
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.013 min
Response: 3212560
Conc: 20.56 ug/ml



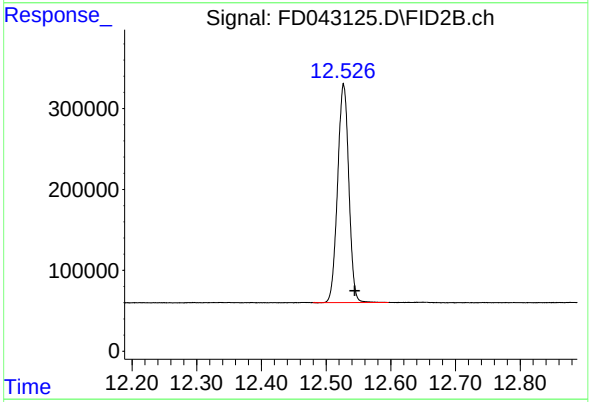
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.014 min
Response: 3248022
Conc: 20.50 ug/ml



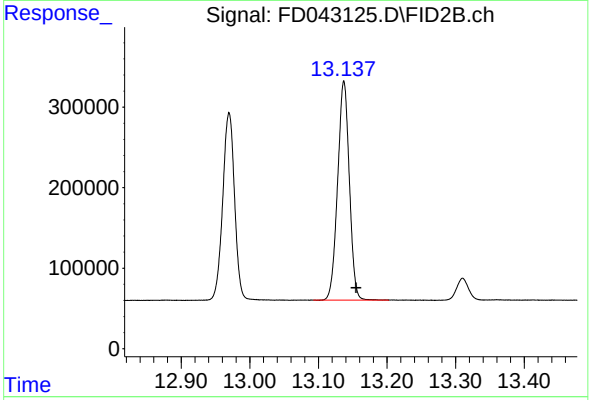
#9 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.014 min
Response: 3557332
Conc: 20.09 ug/ml



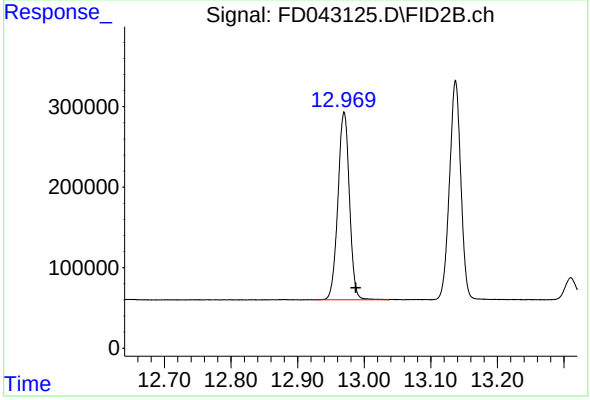
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.017 min
Response: 3250913
Conc: 20.48 ug/ml



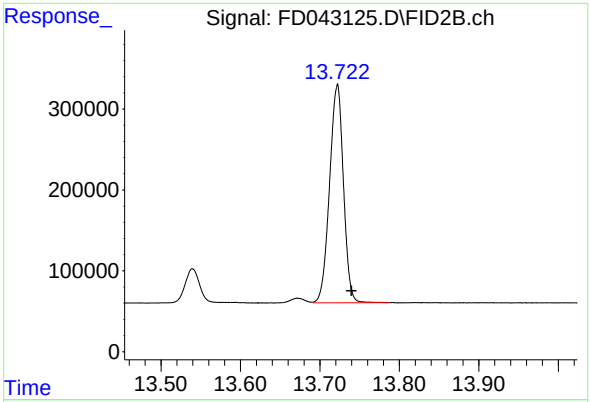
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.018 min
Response: 3221008
Conc: 20.17 ug/ml



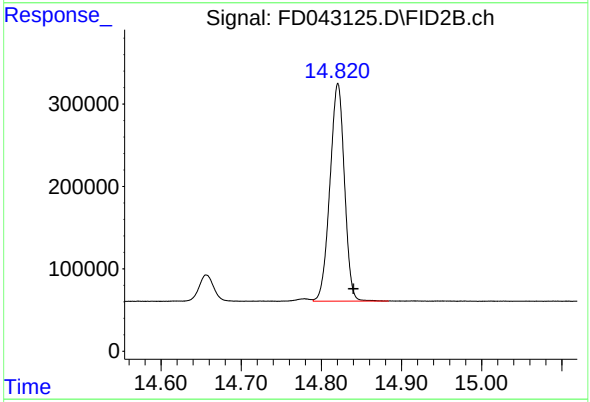
#12 1-chlorooctadecane (SURR)

R.T.: 12.970 min
Delta R.T.: -0.017 min
Response: 2795185
Conc: 20.19 ug/ml



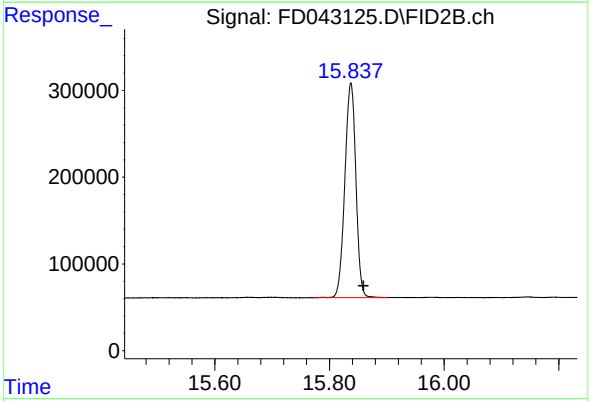
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: -0.017 min
Response: 3276732
Conc: 20.51 ug/ml



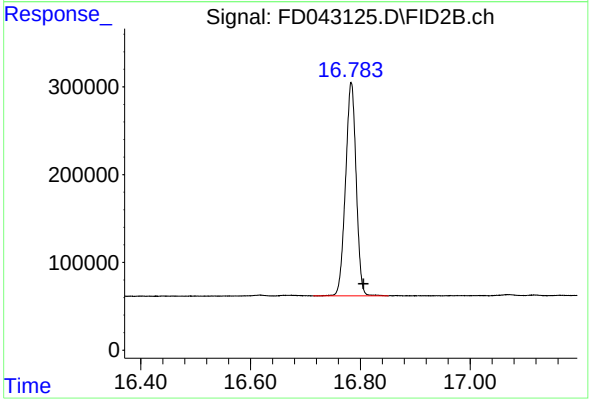
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.019 min
Response: 3324085
Conc: 20.70 ug/ml



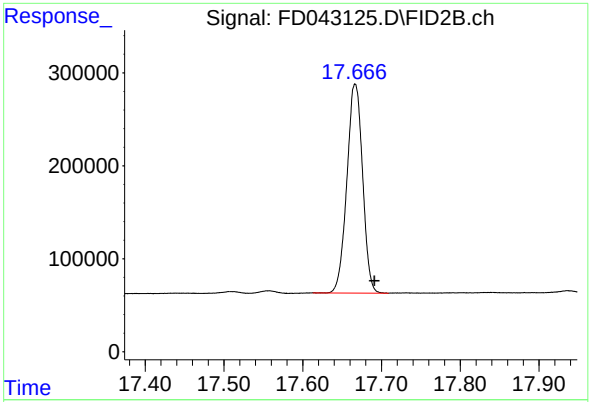
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: -0.022 min
Response: 3304813
Conc: 20.80 ug/ml



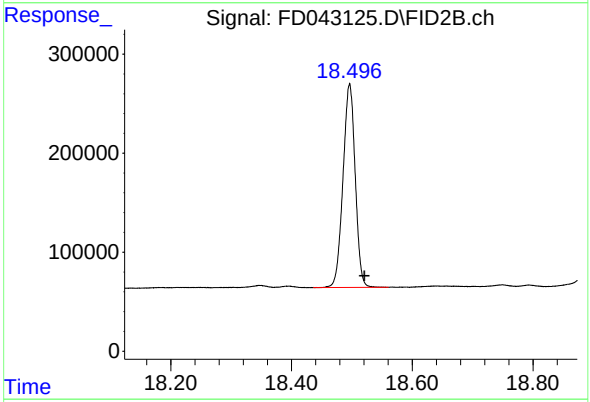
#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: -0.022 min
Response: 3271611
Conc: 20.88 ug/ml



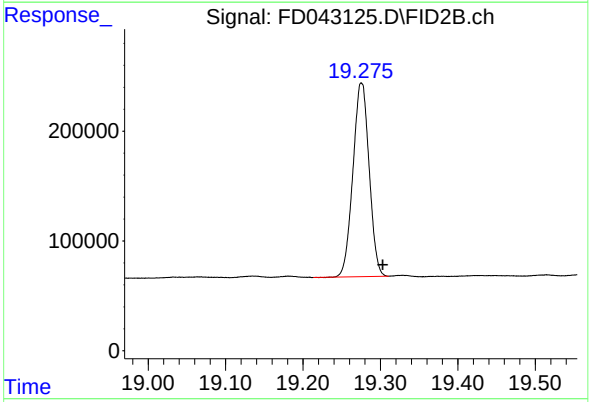
#17 n-Tricontane (C30)

R.T.: 17.667 min
Delta R.T.: -0.024 min
Response: 3116840
Conc: 20.54 ug/ml



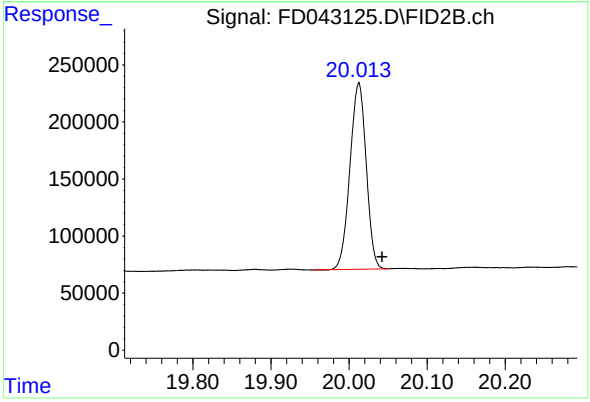
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: -0.025 min
Response: 2884239
Conc: 20.48 ug/ml



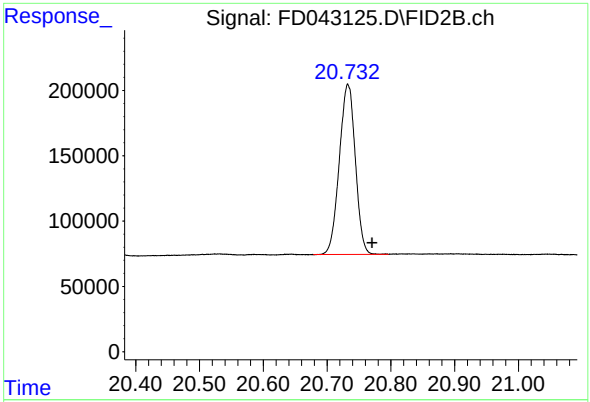
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min
Delta R.T.: -0.028 min
Response: 2565868
Conc: 20.15 ug/ml



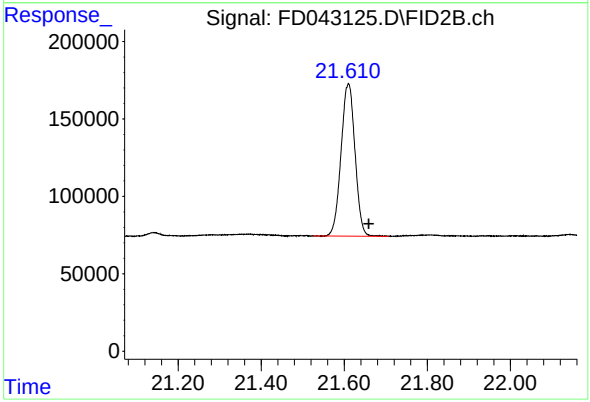
#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: -0.030 min
Response: 2357177
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.:	20.733 min
Delta R.T.:	-0.038 min
Response:	2270916
Conc:	21.08 ug/ml



#22 n-Tetracontane (C40)

R.T.:	21.610 min
Delta R.T.:	-0.048 min
Response:	2296285
Conc:	21.60 ug/ml