

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032724AL\
 Data File : FC066126.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2024 00:20
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 01:20:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 2024
 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)	11.470	3686468	18.863 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
12) S 1-chlorooctadecane (S...	12.897	2786849	19.116 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
Target Compounds			
1) T n-Nonane (C9)	3.274	3016487	18.055 ug/ml
2) T n-Decane (C10)	4.334	3233565	18.644 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3407047	18.985 ug/ml
4) T n-Dodecane (C12)	6.343	3314409	18.808 ug/ml
5) T A~2-methylnaphthalene...	6.978	3104711	18.227 ug/ml
6) T n-Tetradecane (C14)	8.130	3271110	18.811 ug/ml
7) T n-Hexadecane (C16)	9.721	3353234	18.770 ug/mlm
8) T n-Octadecane (C18)	11.155	3438733	18.919 ug/ml
10) T n-Eicosane (C20)	12.454	3316202	18.992 ug/ml
11) T n-Heneicosane (C21)	13.061	3306055	19.068 ug/ml
13) T n-Docosane (C22)	13.644	3350284	19.480 ug/ml
14) T n-Tetracosane (C24)	14.738	3466779	20.298 ug/ml
15) T n-Hexacosane (C26)	15.750	3480246	20.668 ug/ml
16) T n-Octacosane (C28)	16.693	3585234	21.564 ug/ml
17) T n-Tricontane (C30)	17.573	3812241	22.328 ug/mlm
18) T n-Dotriacontane (C32)	18.401	3815657	22.635 ug/mlm
19) T n-Tetratriacontane (C34)	19.177	3554354	21.687 ug/mlm
20) T n-Hexatriacontane (C36)	19.914	3282822	20.647 ug/mlm
21) T n-Octatriacontane (C38)	20.622	3143122	20.066 ug/ml
22) T n-Tetracontane (C40)	21.475	3040752	19.229 ug/mlm

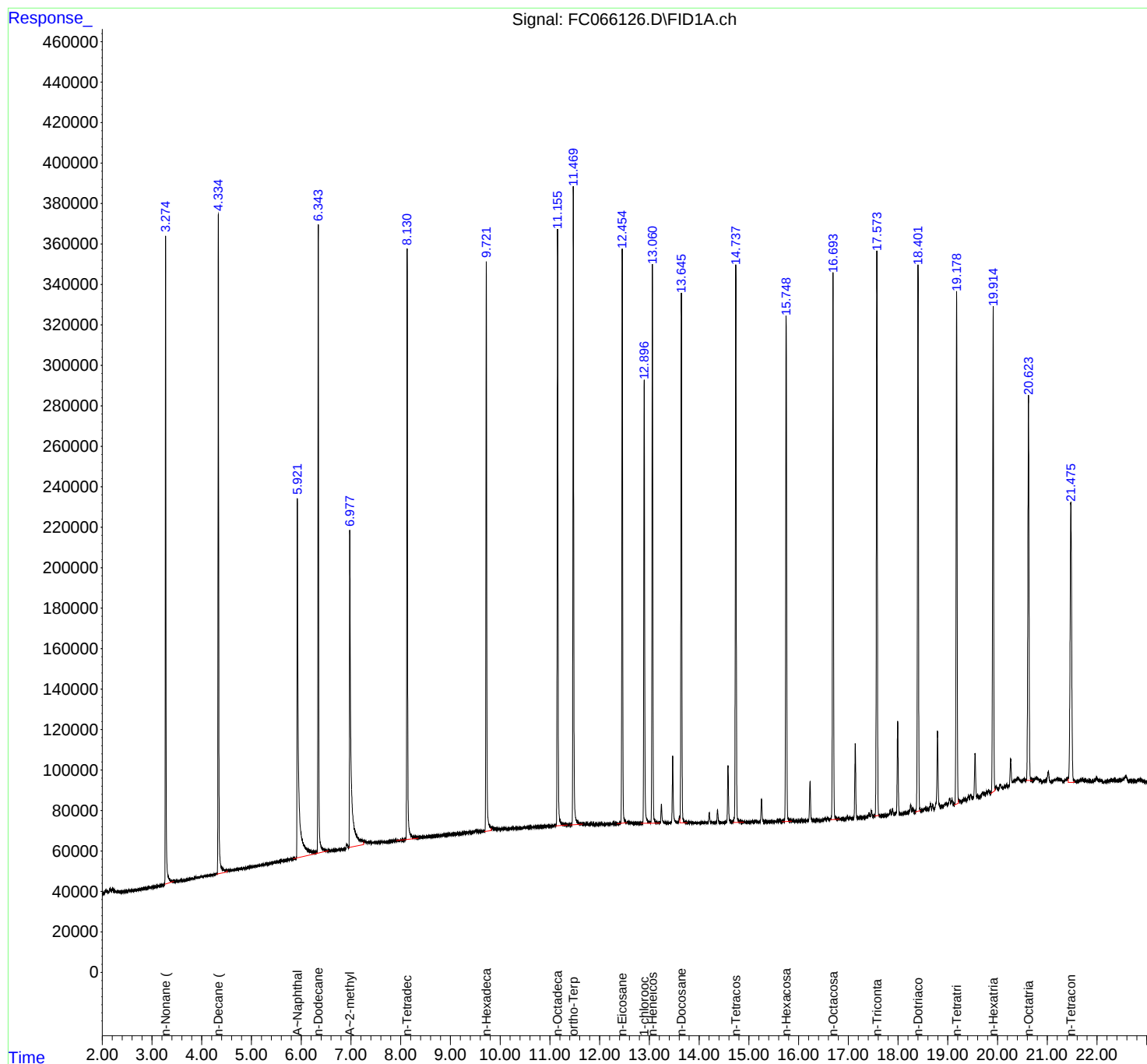
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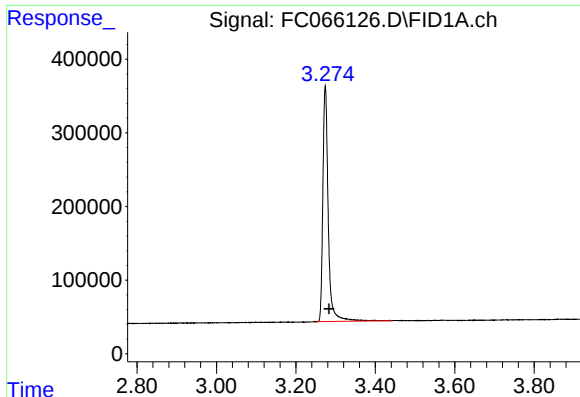
(m)=manual int.

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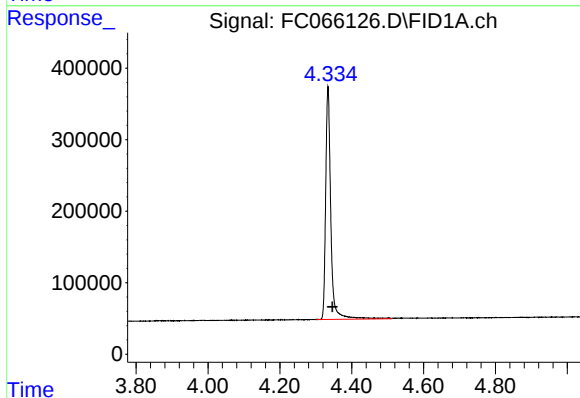
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





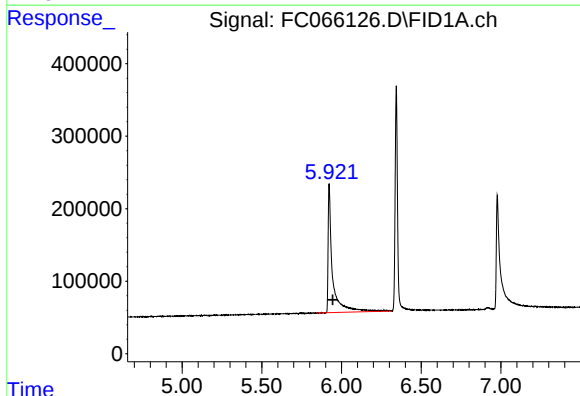
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: -0.010 min
Response: 3016487
Conc: 18.05 ug/ml



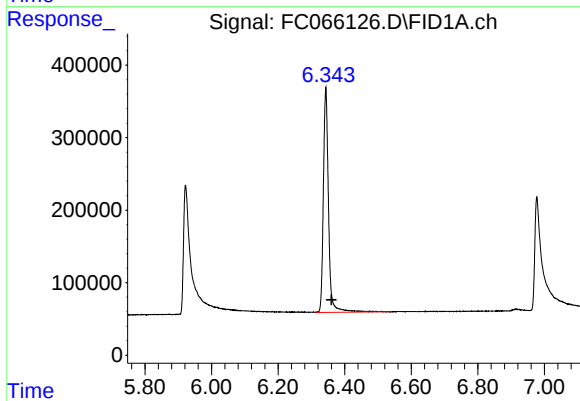
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: -0.012 min
Response: 3233565
Conc: 18.64 ug/ml



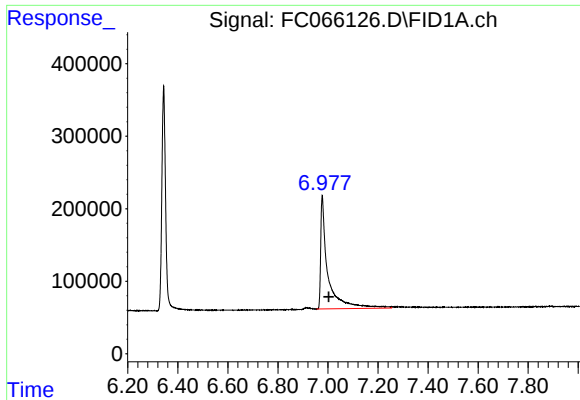
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.022 min
Response: 3407047
Conc: 18.99 ug/ml



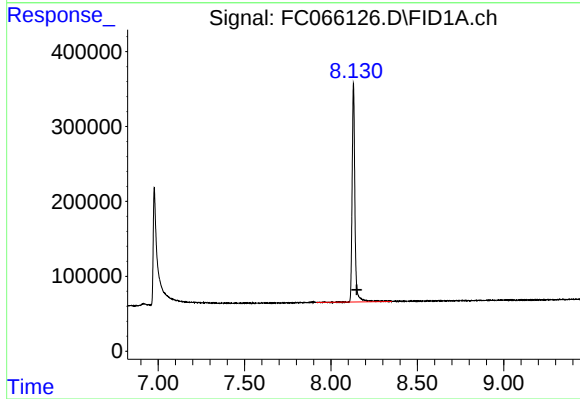
#4 n-Dodecane (C12)

R.T.: 6.343 min
Delta R.T.: -0.016 min
Response: 3314409
Conc: 18.81 ug/ml



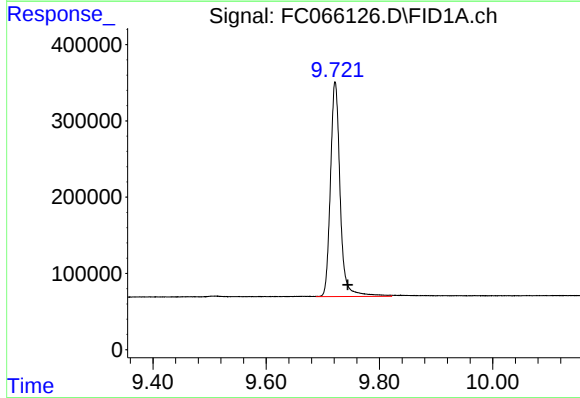
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.024 min
Response: 3104711
Conc: 18.23 ug/ml



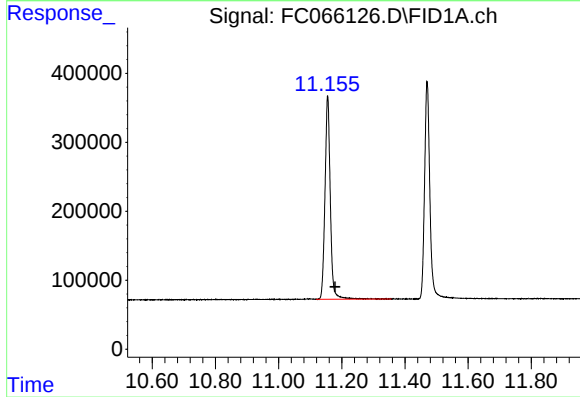
#6 n-Tetradecane (C14)

R.T.: 8.130 min
Delta R.T.: -0.019 min
Response: 3271110
Conc: 18.81 ug/ml



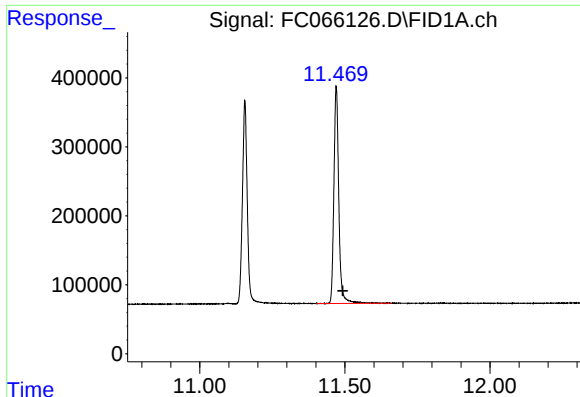
#7 n-Hexadecane (C16)

R.T.: 9.721 min
Delta R.T.: -0.023 min
Response: 3353234
Conc: 18.77 ug/ml m



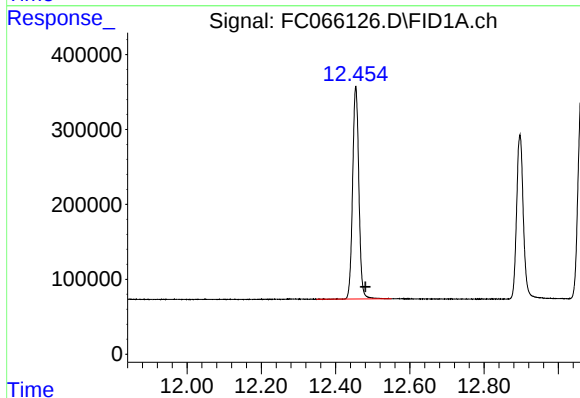
#8 n-Octadecane (C18)

R.T.: 11.155 min
Delta R.T.: -0.024 min
Response: 3438733
Conc: 18.92 ug/ml



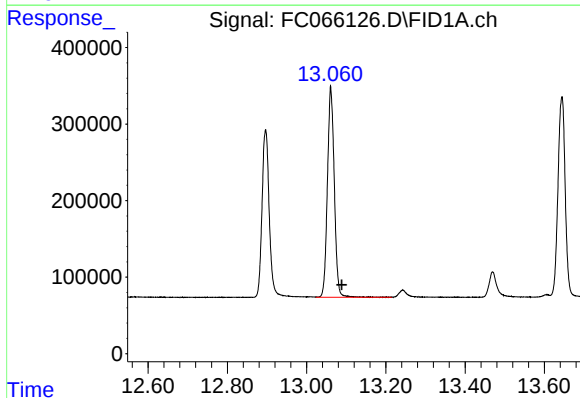
#9 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: -0.023 min
Response: 3686468
Conc: 18.86 ug/ml



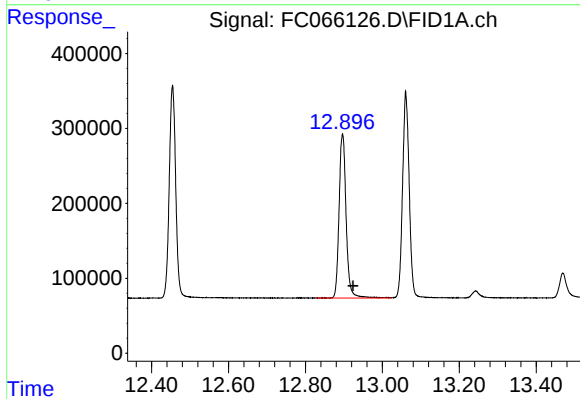
#10 n-Eicosane (C20)

R.T.: 12.454 min
Delta R.T.: -0.026 min
Response: 3316202
Conc: 18.99 ug/ml



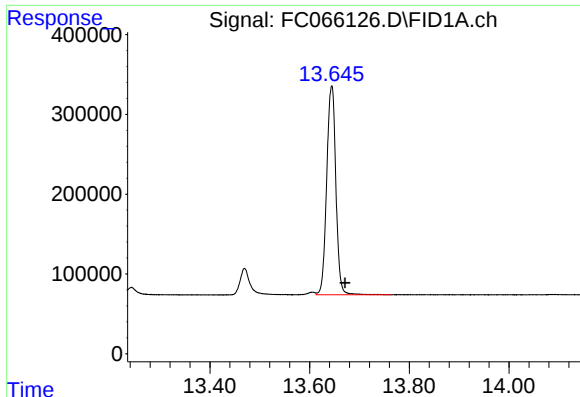
#11 n-Heneicosane (C21)

R.T.: 13.061 min
Delta R.T.: -0.027 min
Response: 3306055
Conc: 19.07 ug/ml



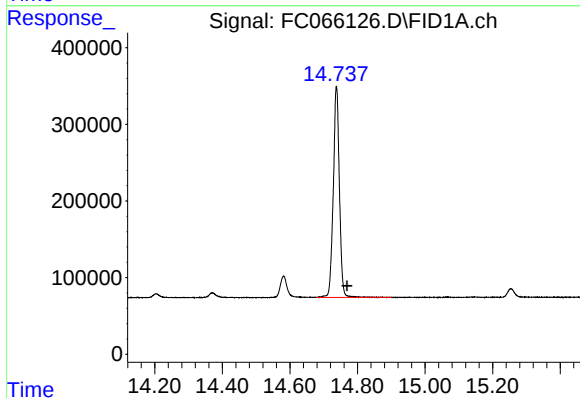
#12 1-chlorooctadecane (SURR)

R.T.: 12.897 min
Delta R.T.: -0.027 min
Response: 2786849
Conc: 19.12 ug/ml



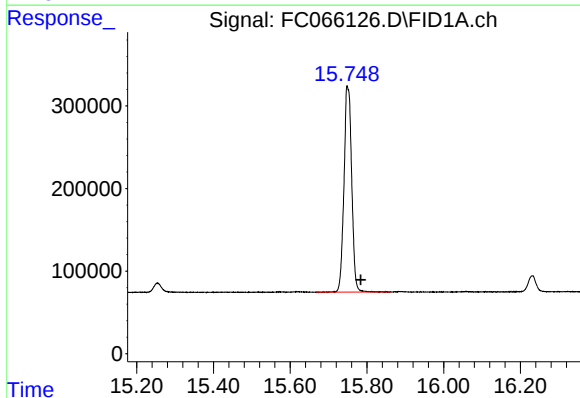
#13 n-Docosane (C22)

R.T.: 13.644 min
Delta R.T.: -0.027 min
Response: 3350284
Conc: 19.48 ug/ml



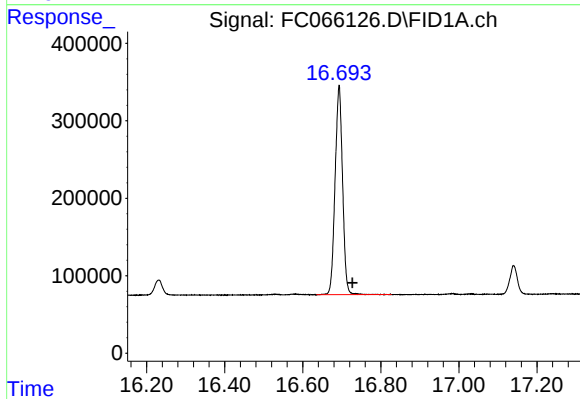
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.031 min
Response: 3466779
Conc: 20.30 ug/ml



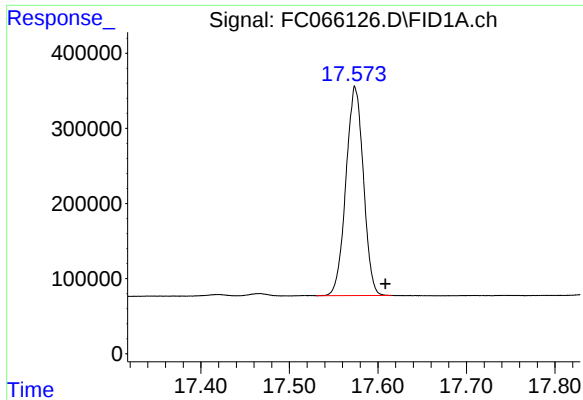
#15 n-Hexacosane (C26)

R.T.: 15.750 min
Delta R.T.: -0.034 min
Response: 3480246
Conc: 20.67 ug/ml



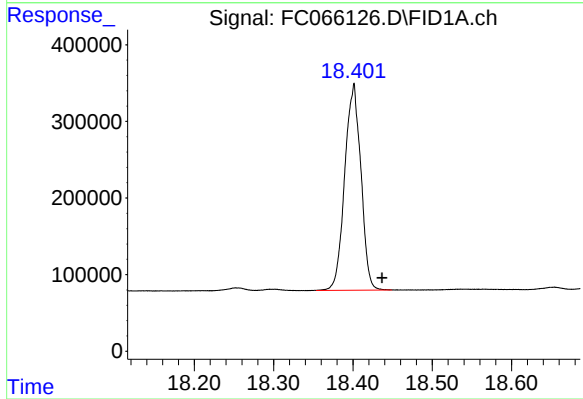
#16 n-Octacosane (C28)

R.T.: 16.693 min
Delta R.T.: -0.034 min
Response: 3585234
Conc: 21.56 ug/ml



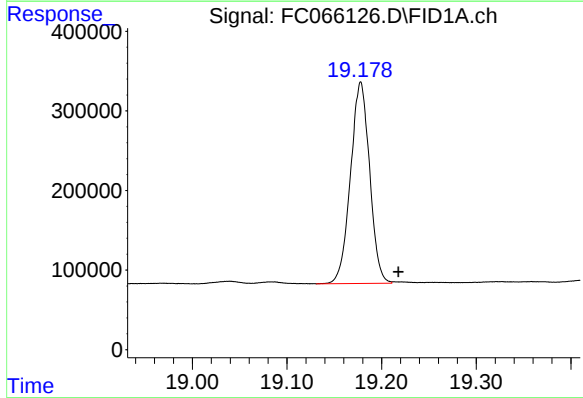
#17 n-Tricontane (C30)

R.T.: 17.573 min
Delta R.T.: -0.035 min
Response: 3812241
Conc: 22.33 ug/ml m



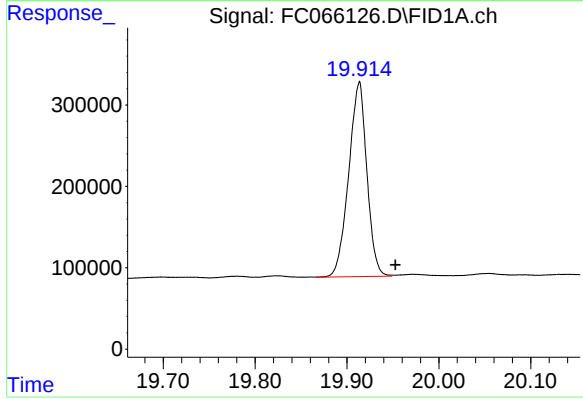
#18 n-Dotriacontane (C32)

R.T.: 18.401 min
Delta R.T.: -0.036 min
Response: 3815657
Conc: 22.63 ug/ml m



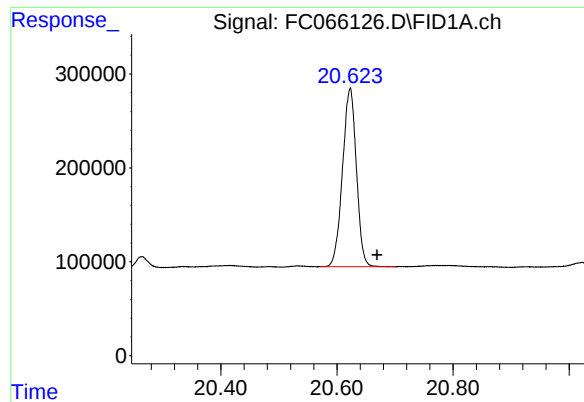
#19 n-Tetratriacontane (C34)

R.T.: 19.177 min
Delta R.T.: -0.040 min
Response: 3554354
Conc: 21.69 ug/ml m



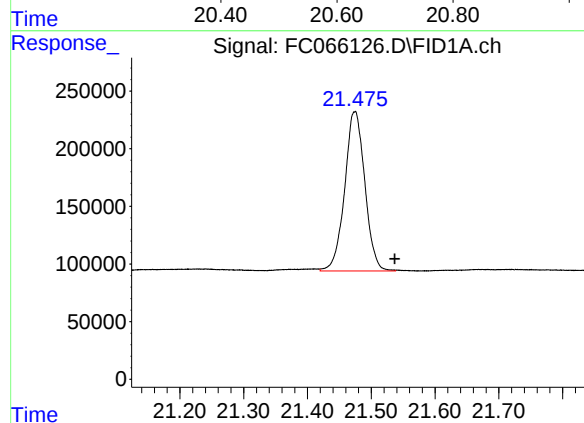
#20 n-Hexatriacontane (C36)

R.T.: 19.914 min
Delta R.T.: -0.039 min
Response: 3282822
Conc: 20.65 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.622 min
Delta R.T.: -0.046 min
Response: 3143122
Conc: 20.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.475 min
Delta R.T.: -0.062 min
Response: 3040752
Conc: 19.23 ug/ml m