

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032724AL\
 Data File : FC066109.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2024 11:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 01:16:14 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)	11.469	4014061	20.540 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
12) S 1-chlorooctadecane (S...	12.897	2957641	20.287 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T n-Nonane (C9)	3.274	3293577	19.713 ug/ml
2) T n-Decane (C10)	4.334	3478347	20.056 ug/ml
3) T A~Naphthalene (C11.7)	5.920	3718812	20.723 ug/ml
4) T n-Dodecane (C12)	6.343	3592842	20.388 ug/ml
5) T A~2-methylnaphthalene...	6.975	3379906	19.842 ug/ml
6) T n-Tetradecane (C14)	8.129	3489356	20.066 ug/mlm
7) T n-Hexadecane (C16)	9.722	3642695	20.390 ug/ml
8) T n-Octadecane (C18)	11.154	3669513	20.188 ug/ml
10) T n-Eicosane (C20)	12.454	3588831	20.553 ug/ml
11) T n-Heneicosane (C21)	13.061	3577132	20.632 ug/ml
13) T n-Docosane (C22)	13.644	3651663	21.233 ug/ml
14) T n-Tetracosane (C24)	14.738	3729459	21.836 ug/ml
15) T n-Hexacosane (C26)	15.751	3742572	22.226 ug/ml
16) T n-Octacosane (C28)	16.693	3829181	23.031 ug/ml
17) T n-Tricontane (C30)	17.574	4100565	24.016 ug/ml
18) T n-Dotriacontane (C32)	18.400	4060770	24.089 ug/mlm
19) T n-Tetratriacontane (C34)	19.177	3761916	22.953 ug/mlm
20) T n-Hexatriacontane (C36)	19.912	3460385	21.764 ug/mlm
21) T n-Octatriacontane (C38)	20.621	3311406	21.140 ug/ml
22) T n-Tetracontane (C40)	21.474	3135874	19.830 ug/ml

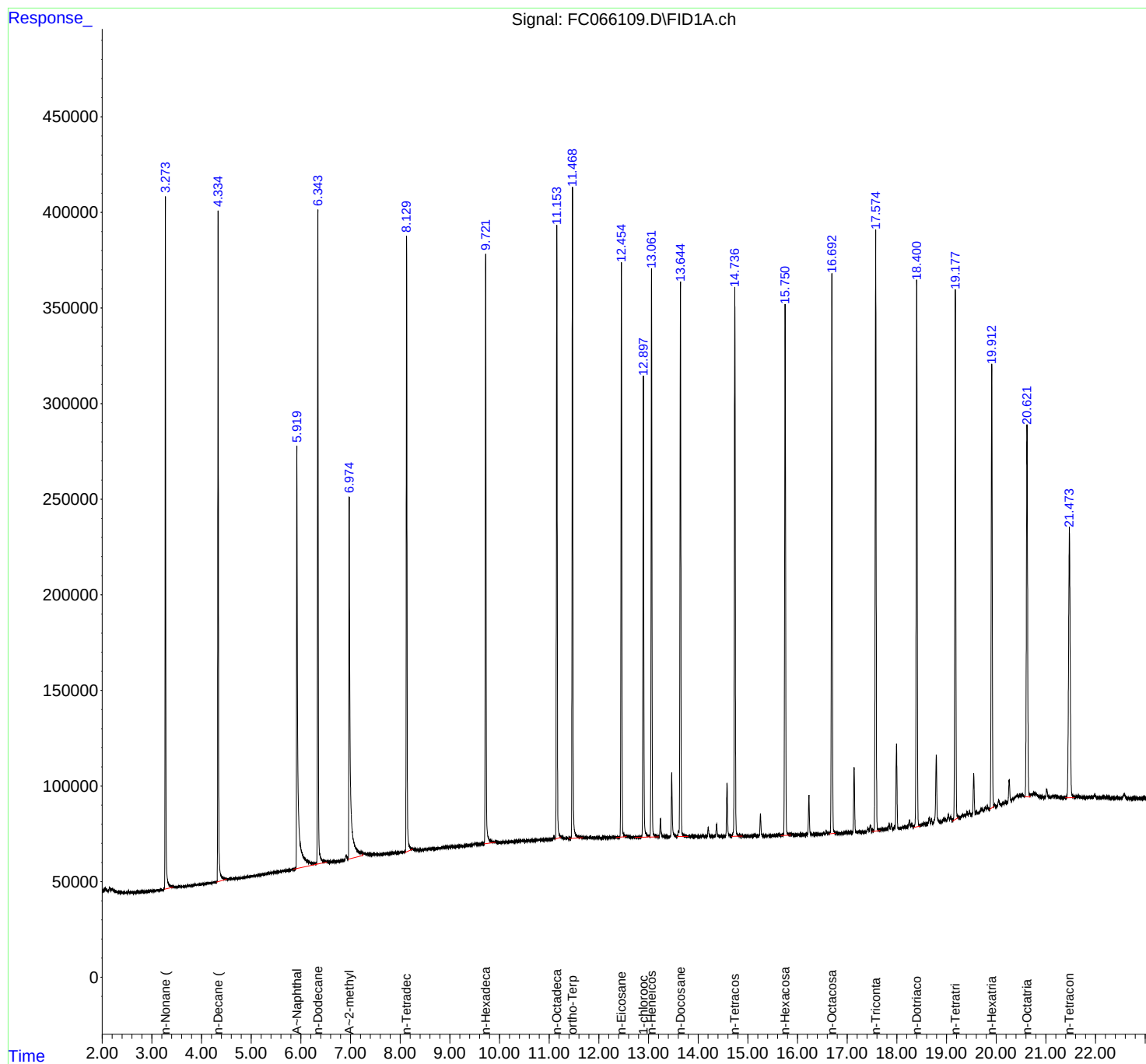
(f)=RT Delta > 1/2 Window

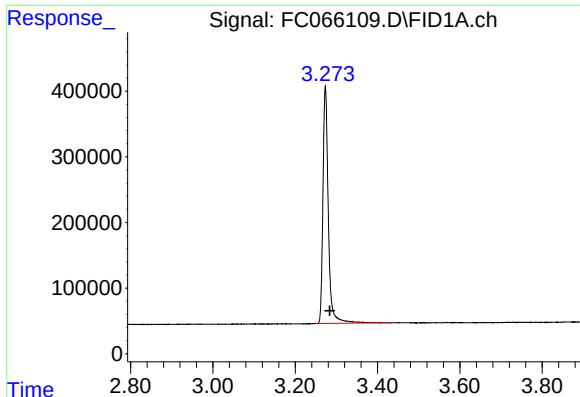
(m)=manual int.

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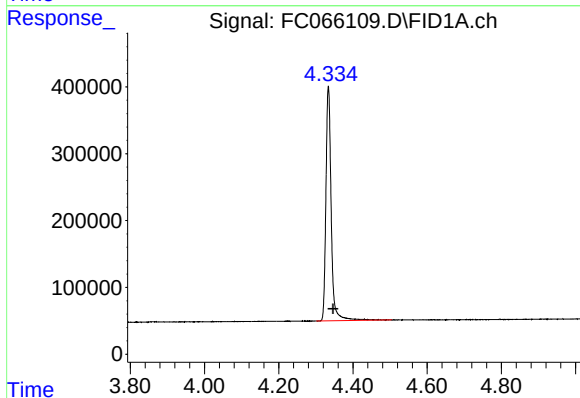
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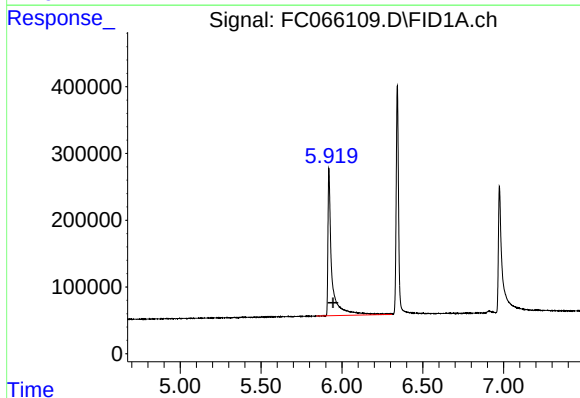
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: -0.010 min
Response: 3293577
Conc: 19.71 ug/ml



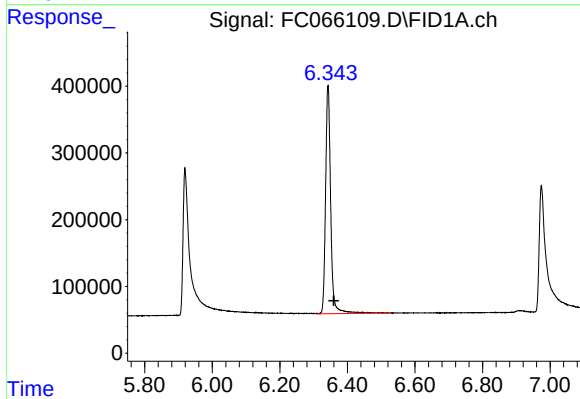
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: -0.012 min
Response: 3478347
Conc: 20.06 ug/ml



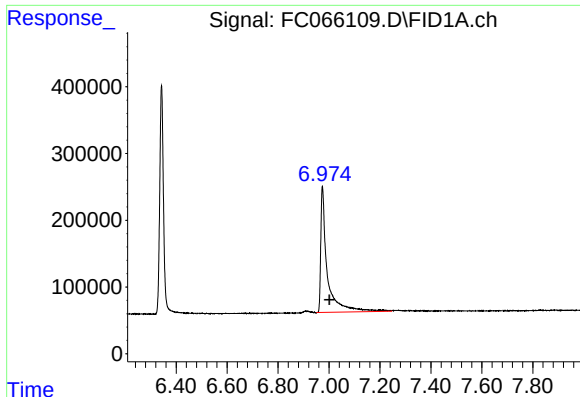
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.025 min
Response: 3718812
Conc: 20.72 ug/ml



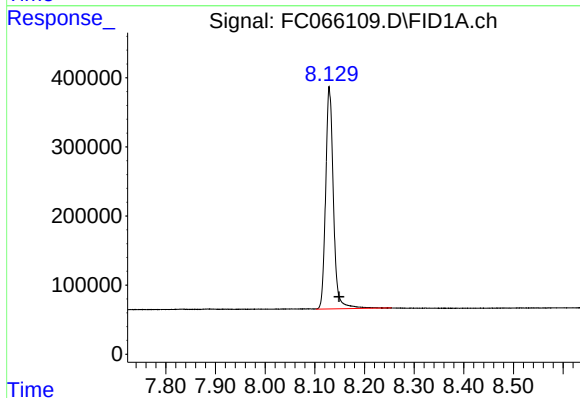
#4 n-Dodecane (C12)

R.T.: 6.343 min
Delta R.T.: -0.017 min
Response: 3592842
Conc: 20.39 ug/ml



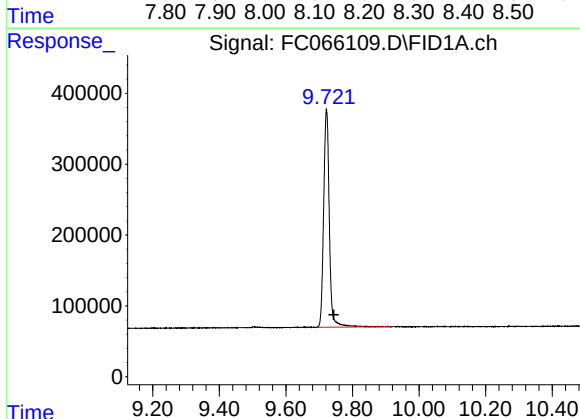
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.975 min
Delta R.T.: -0.028 min
Response: 3379906
Conc: 19.84 ug/ml



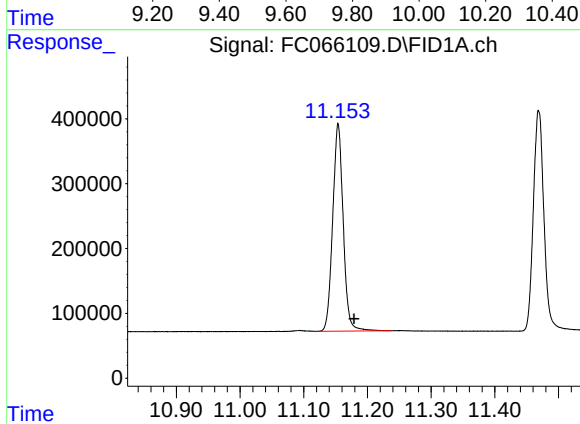
#6 n-Tetradecane (C14)

R.T.: 8.129 min
Delta R.T.: -0.020 min
Response: 3489356
Conc: 20.07 ug/ml m



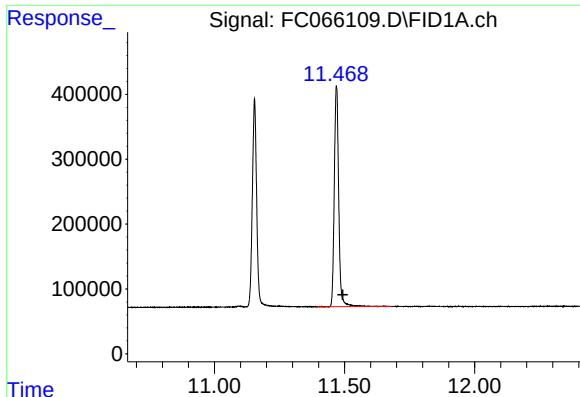
#7 n-Hexadecane (C16)

R.T.: 9.722 min
Delta R.T.: -0.022 min
Response: 3642695
Conc: 20.39 ug/ml



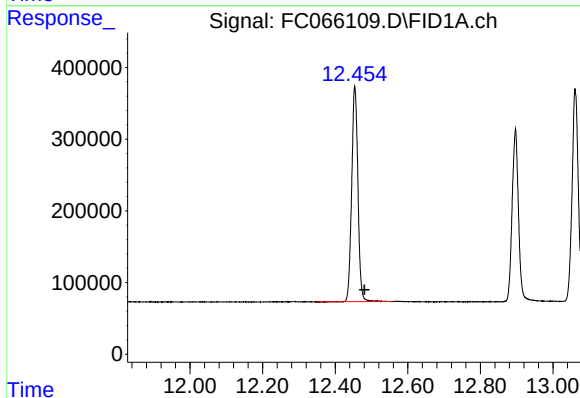
#8 n-Octadecane (C18)

R.T.: 11.154 min
Delta R.T.: -0.025 min
Response: 3669513
Conc: 20.19 ug/ml



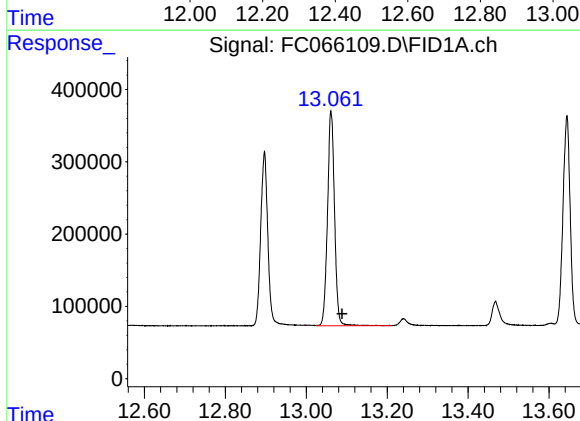
#9 ortho-Terphenyl (SURR)

R.T.: 11.469 min
Delta R.T.: -0.024 min
Response: 4014061
Conc: 20.54 ug/ml



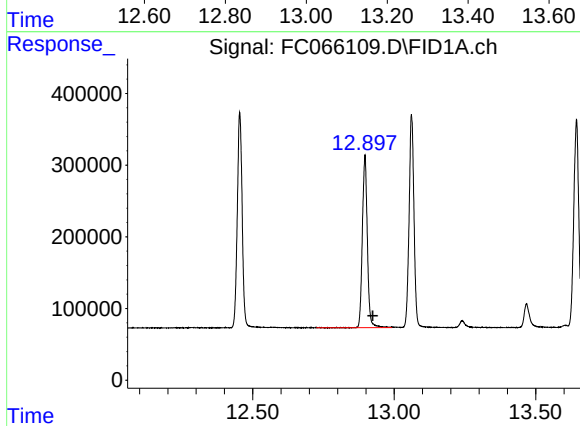
#10 n-Eicosane (C20)

R.T.: 12.454 min
Delta R.T.: -0.026 min
Response: 3588831
Conc: 20.55 ug/ml



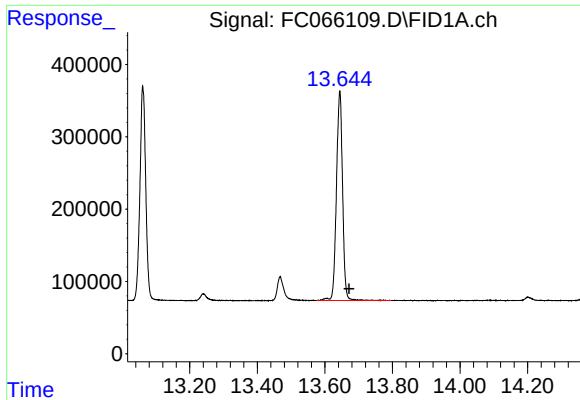
#11 n-Heneicosane (C21)

R.T.: 13.061 min
Delta R.T.: -0.027 min
Response: 3577132
Conc: 20.63 ug/ml



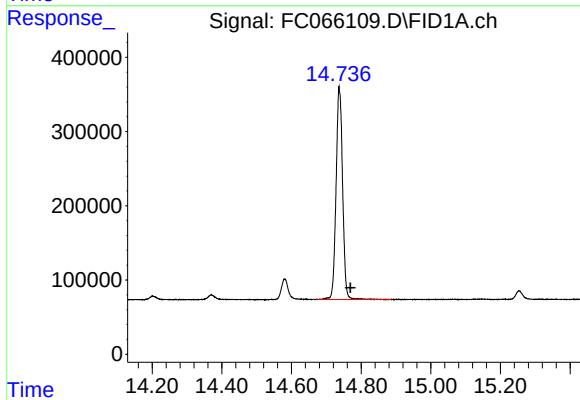
#12 1-chlorooctadecane (SURR)

R.T.: 12.897 min
Delta R.T.: -0.027 min
Response: 2957641
Conc: 20.29 ug/ml



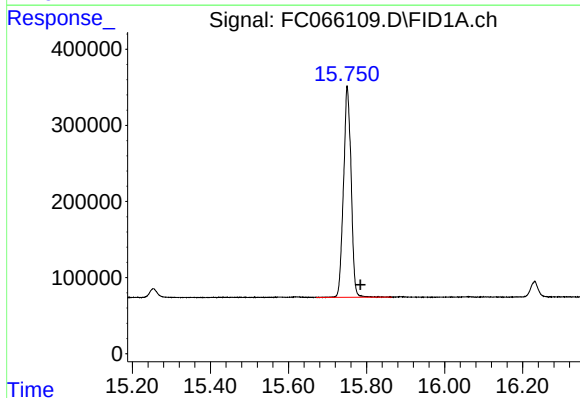
#13 n-Docosane (C22)

R.T.: 13.644 min
Delta R.T.: -0.028 min
Response: 3651663
Conc: 21.23 ug/ml



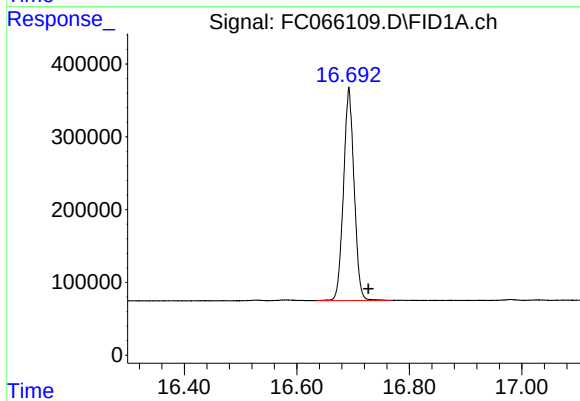
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.032 min
Response: 3729459
Conc: 21.84 ug/ml



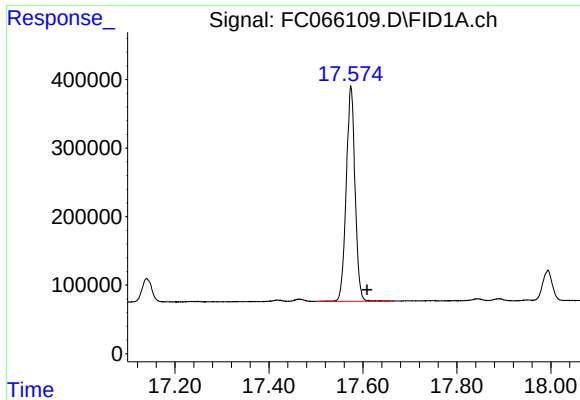
#15 n-Hexacosane (C26)

R.T.: 15.751 min
Delta R.T.: -0.033 min
Response: 3742572
Conc: 22.23 ug/ml



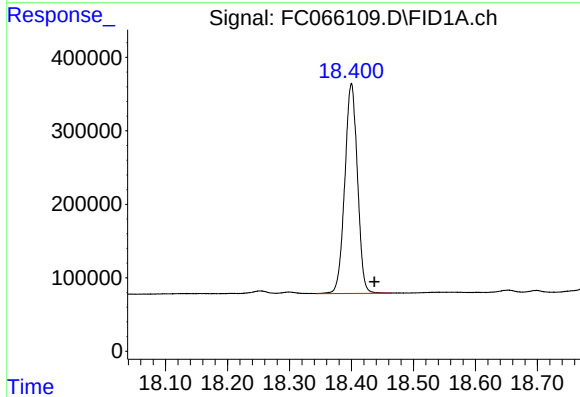
#16 n-Octacosane (C28)

R.T.: 16.693 min
Delta R.T.: -0.035 min
Response: 3829181
Conc: 23.03 ug/ml



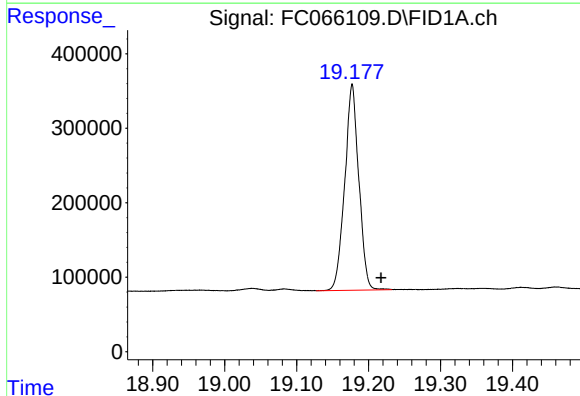
#17 n-Tricontane (C30)

R.T.: 17.574 min
Delta R.T.: -0.034 min
Response: 4100565
Conc: 24.02 ug/ml



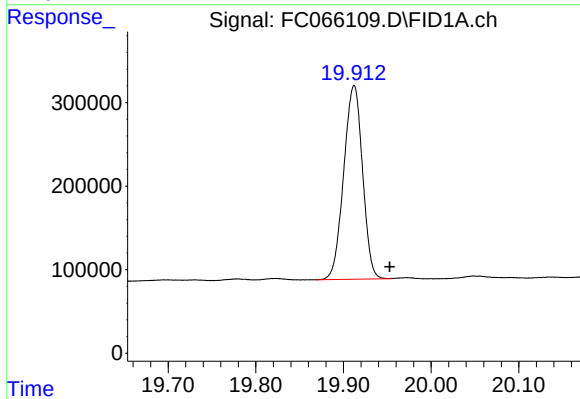
#18 n-Dotriacontane (C32)

R.T.: 18.400 min
Delta R.T.: -0.037 min
Response: 4060770
Conc: 24.09 ug/ml m



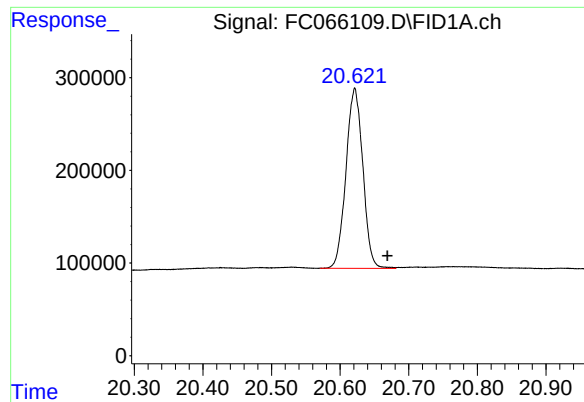
#19 n-Tetratriacontane (C34)

R.T.: 19.177 min
Delta R.T.: -0.041 min
Response: 3761916
Conc: 22.95 ug/ml m



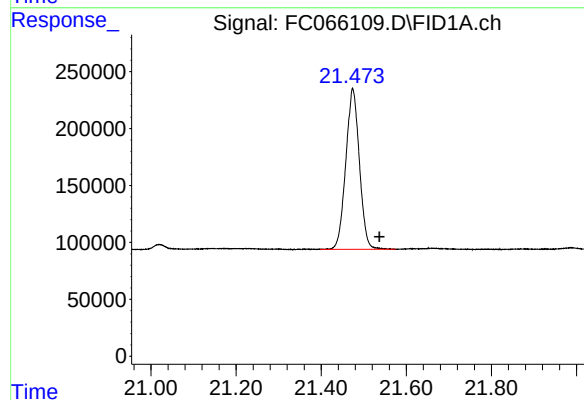
#20 n-Hexatriacontane (C36)

R.T.: 19.912 min
Delta R.T.: -0.041 min
Response: 3460385
Conc: 21.76 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.621 min
Delta R.T.: -0.048 min
Response: 3311406
Conc: 21.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.474 min
Delta R.T.: -0.063 min
Response: 3135874
Conc: 19.83 ug/ml