

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032224AL\
 Data File : FC066104.D
 Signal(s) : FID1A.ch
 Acq On : 22 Mar 2024 16:54
 Operator : YP/AJ
 Sample : P1829-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 23 01:25:37 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)	11.471	8651924	44.271 ug/ml
Spiked Amount 50.000		Recovery =	88.54%
12) S 1-chlorooctadecane (S...	12.941	1184672	8.126 ug/ml
Spiked Amount 50.000		Recovery =	16.25%
Target Compounds			
3) T A~Naphthalene (C11.7)	5.963	75897	0.423 ug/ml
4) T n-Dodecane (C12)	6.345	732764	4.158 ug/ml
5) T A~2-methylnaphthalene...	7.000	296409	1.740 ug/ml
6) T n-Tetradecane (C14)	8.131	2636357	15.161 ug/ml
7) T n-Hexadecane (C16)	9.722	2549240	14.269 ug/ml
8) T n-Octadecane (C18)	11.154	2345344	12.903 ug/ml
10) T n-Eicosane (C20)	12.454	1515418	8.679 ug/ml
11) T n-Heneicosane (C21)	13.062	945455	5.453 ug/ml
13) T n-Docosane (C22)	13.697	176231	1.025 ug/ml
14) T n-Tetracosane (C24)	14.793	88585	0.519 ug/ml
15) T n-Hexacosane (C26)	15.751	219101	1.301 ug/ml
16) T n-Octacosane (C28)	16.737	114165	0.687 ug/ml
17) T n-Tricontane (C30)	17.573	204733	1.199 ug/ml
18) T n-Dotriacontane (C32)	18.396	114453	0.679 ug/ml
19) T n-Tetratriacontane (C34)	19.179	121658	0.742 ug/ml
20) T n-Hexatriacontane (C36)	19.973	49287	0.310 ug/ml
21) T n-Octatriacontane (C38)	20.627	76885	0.491 ug/ml
22) T n-Tetracontane (C40)	21.481	107413	0.679 ug/ml

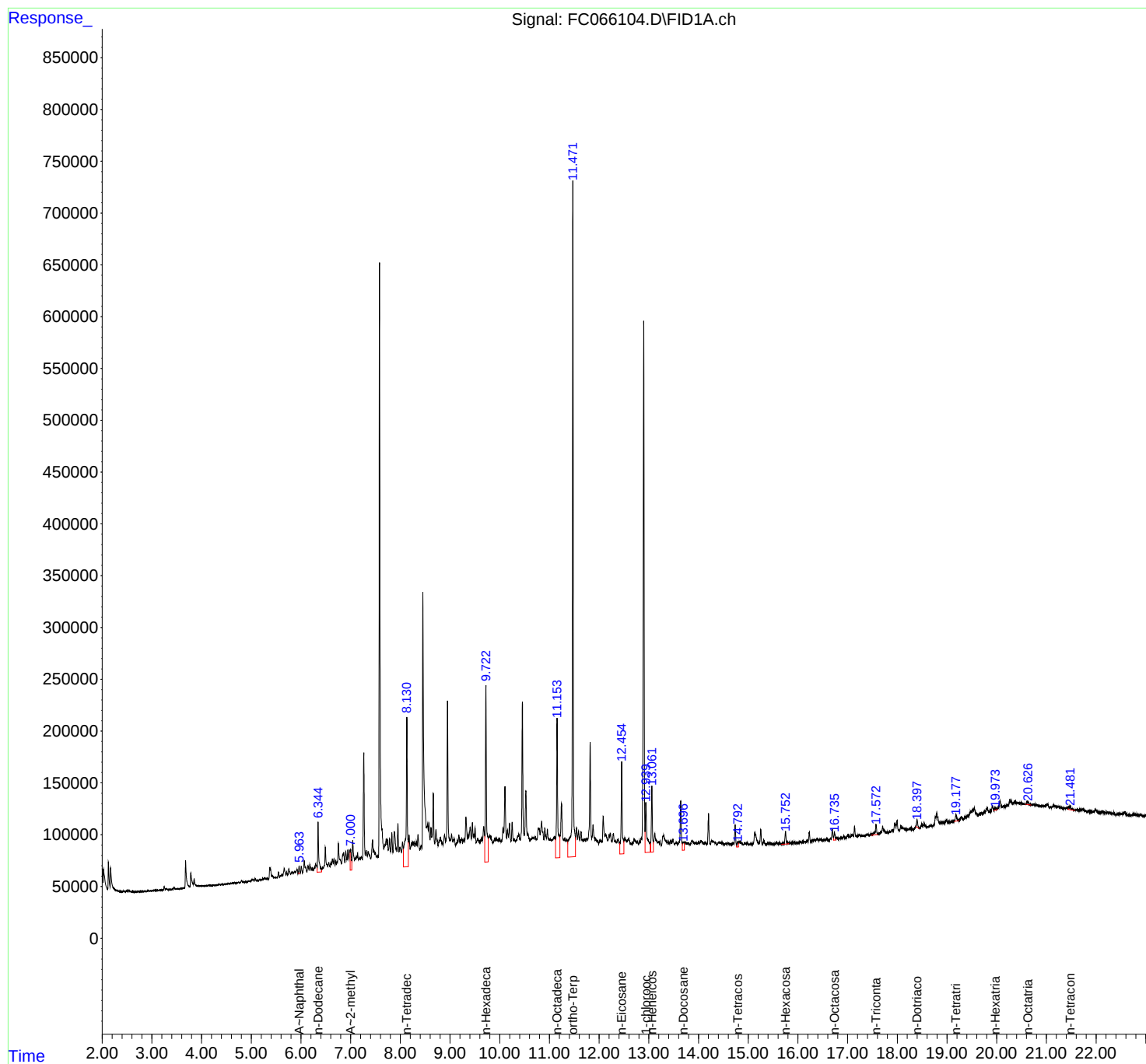
(f)=RT Delta > 1/2 Window

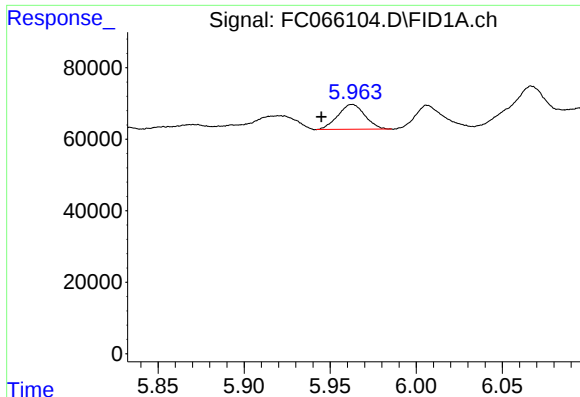
(m)=manual int.

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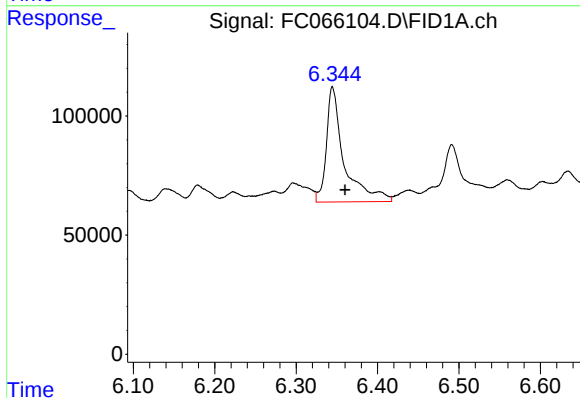
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





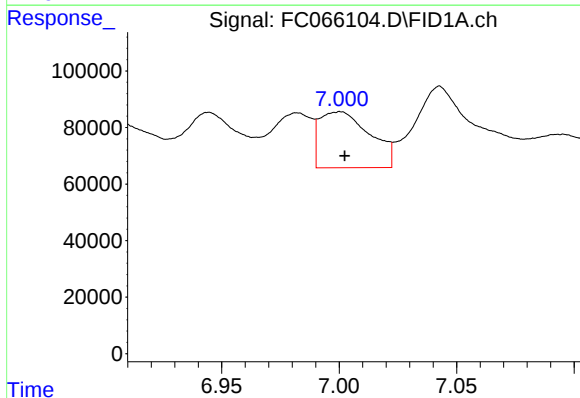
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.018 min
Response: 75897
Conc: 0.42 ug/ml



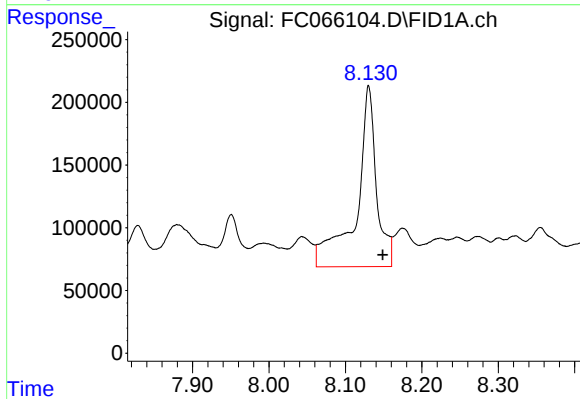
#4 n-Dodecane (C12)

R.T.: 6.345 min
Delta R.T.: -0.015 min
Response: 732764
Conc: 4.16 ug/ml



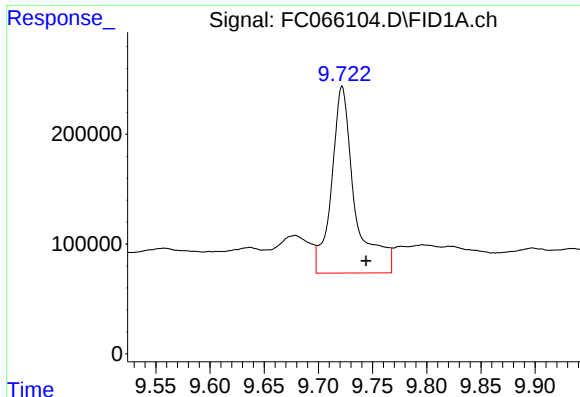
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.003 min
Response: 296409
Conc: 1.74 ug/ml



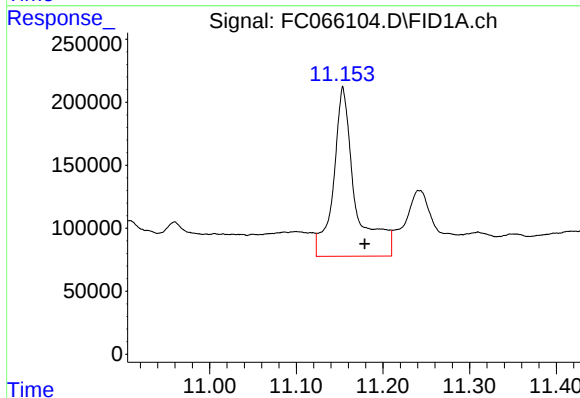
#6 n-Tetradecane (C14)

R.T.: 8.131 min
Delta R.T.: -0.018 min
Response: 2636357
Conc: 15.16 ug/ml



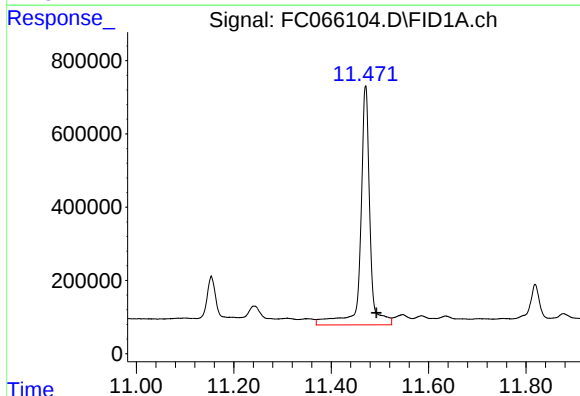
#7 n-Hexadecane (C16)

R.T.: 9.722 min
Delta R.T.: -0.022 min
Response: 2549240
Conc: 14.27 ug/ml



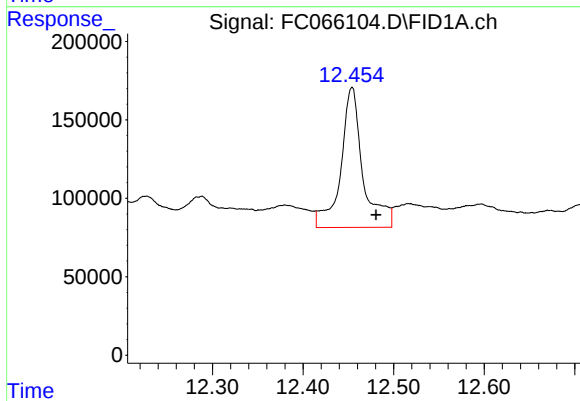
#8 n-Octadecane (C18)

R.T.: 11.154 min
Delta R.T.: -0.025 min
Response: 2345344
Conc: 12.90 ug/ml



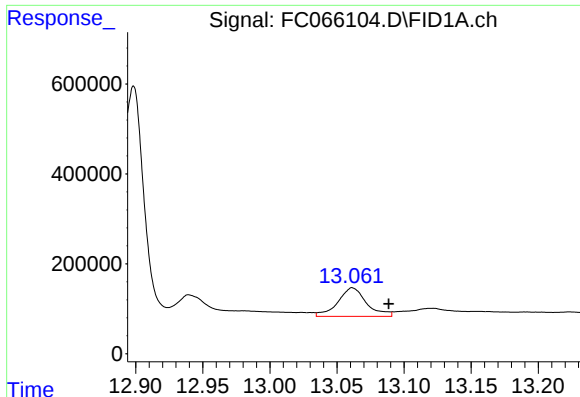
#9 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: -0.022 min
Response: 8651924
Conc: 44.27 ug/ml



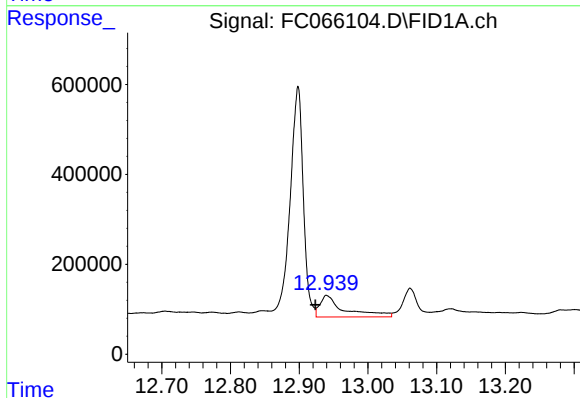
#10 n-Eicosane (C20)

R.T.: 12.454 min
Delta R.T.: -0.027 min
Response: 1515418
Conc: 8.68 ug/ml



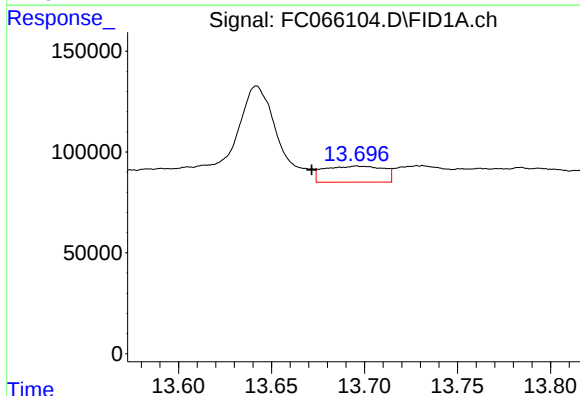
#11 n-Heneicosane (C21)

R.T.: 13.062 min
Delta R.T.: -0.027 min
Response: 945455
Conc: 5.45 ug/ml



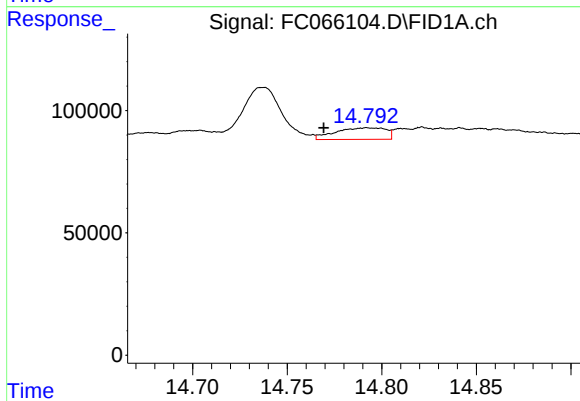
#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: 0.017 min
Response: 1184672
Conc: 8.13 ug/ml



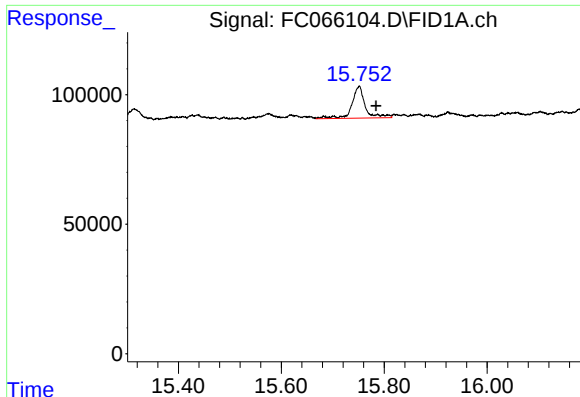
#13 n-Docosane (C22)

R.T.: 13.697 min
Delta R.T.: 0.025 min
Response: 176231
Conc: 1.02 ug/ml



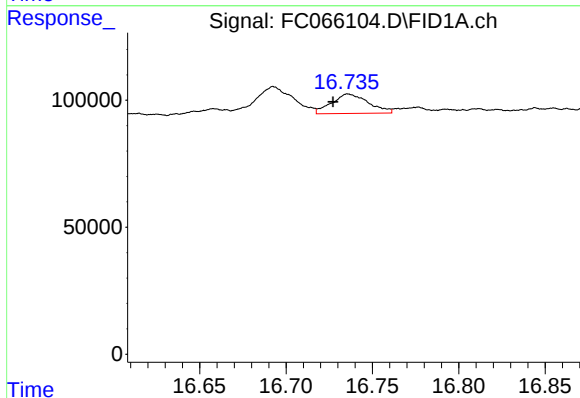
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.024 min
Response: 88585
Conc: 0.52 ug/ml



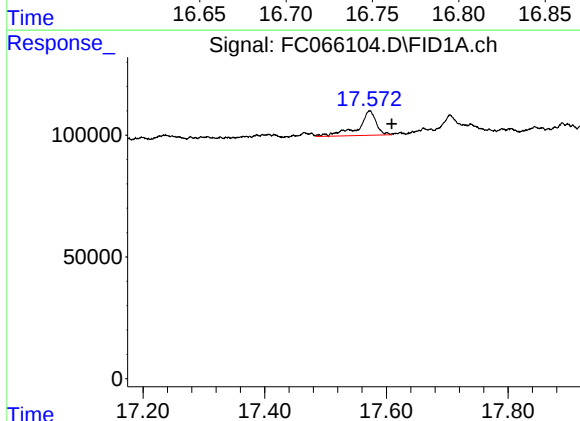
#15 n-Hexacosane (C26)

R.T.: 15.751 min
Delta R.T.: -0.033 min
Response: 219101
Conc: 1.30 ug/ml



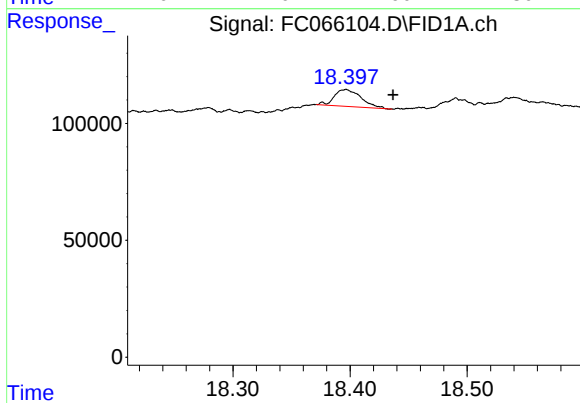
#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: 0.009 min
Response: 114165
Conc: 0.69 ug/ml



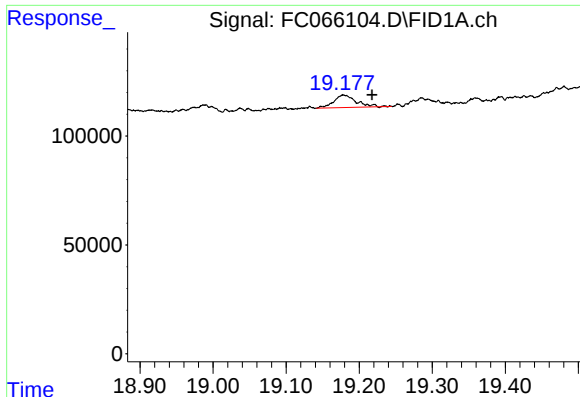
#17 n-Tricontane (C30)

R.T.: 17.573 min
Delta R.T.: -0.036 min
Response: 204733
Conc: 1.20 ug/ml



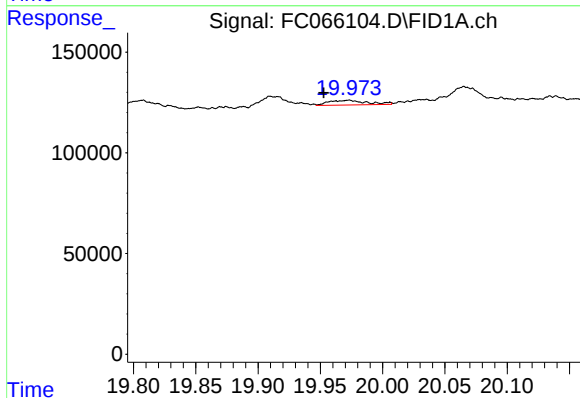
#18 n-Dotriacontane (C32)

R.T.: 18.396 min
Delta R.T.: -0.041 min
Response: 114453
Conc: 0.68 ug/ml



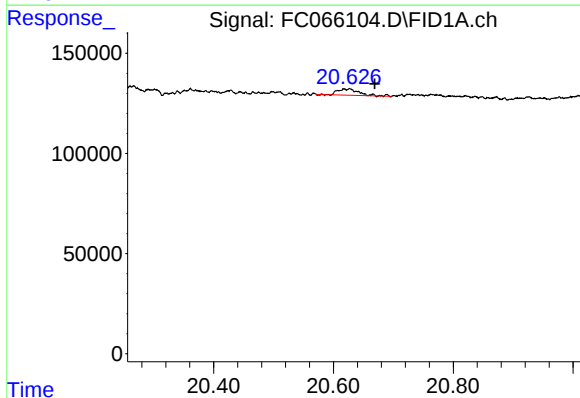
#19 n-Tetratriacontane (C34)

R.T.: 19.179 min
Delta R.T.: -0.039 min
Response: 121658
Conc: 0.74 ug/ml



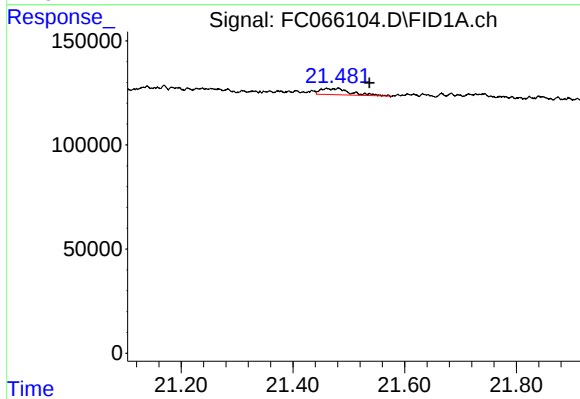
#20 n-Hexatriacontane (C36)

R.T.: 19.973 min
Delta R.T.: 0.020 min
Response: 49287
Conc: 0.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.627 min
Delta R.T.: -0.042 min
Response: 76885
Conc: 0.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.481 min
Delta R.T.: -0.056 min
Response: 107413
Conc: 0.68 ug/ml