

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120925AL\
 Data File : FG017144.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2025 14:29
 Operator : YP\AJ
 Sample : Q3530-07
 Misc : 4PPM WATER LOD
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 10 01:26:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:54:45 2025
 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			
12) S 1-chlorooctadecane (S...	13.470	3692419	31.834 ug/ml
Spiked Amount 50.000		Recovery =	63.67%
Target Compounds			
1) T n-Nonane (C9)	3.354	249467	2.033 ug/ml
2) T n-Decane (C10)	4.613	319131	2.561 ug/ml
4) T n-Dodecane (C12)	6.793	389010	3.065 ug/ml
6) T n-Tetradecane (C14)	8.632	389205	3.116 ug/ml
7) T n-Hexadecane (C16)	10.250	355918	2.769 ug/ml
8) T n-Octadecane (C18)	11.702	416414	3.067 ug/ml
10) T n-Eicosane (C20)	13.019	482104	3.523 ug/ml
11) T n-Heneicosane (C21)	13.635	428902	3.162 ug/ml
13) T n-Docosane (C22)	14.226	446738	3.254 ug/ml
14) T n-Tetracosane (C24)	15.338	401559	2.838 ug/ml
15) T n-Hexacosane (C26)	16.366	413940	2.981 ug/ml
16) T n-Octacosane (C28)	17.322	406636	2.903 ug/ml
17) T n-Tricontane (C30)	18.215	436586	2.940 ug/ml
18) T n-Dotriacontane (C32)	19.054	449059	2.998 ug/ml
19) T n-Tetratriacontane (C34)	19.843	422109	3.216 ug/ml
20) T n-Hexatriacontane (C36)	20.587	390939	3.713 ug/ml
21) T n-Octatriacontane (C38)	21.360	353291	3.858 ug/ml
22) T n-Tetracontane (C40)	22.335	331660	4.068 ug/ml

(f)=RT Delta > 1/2 Window

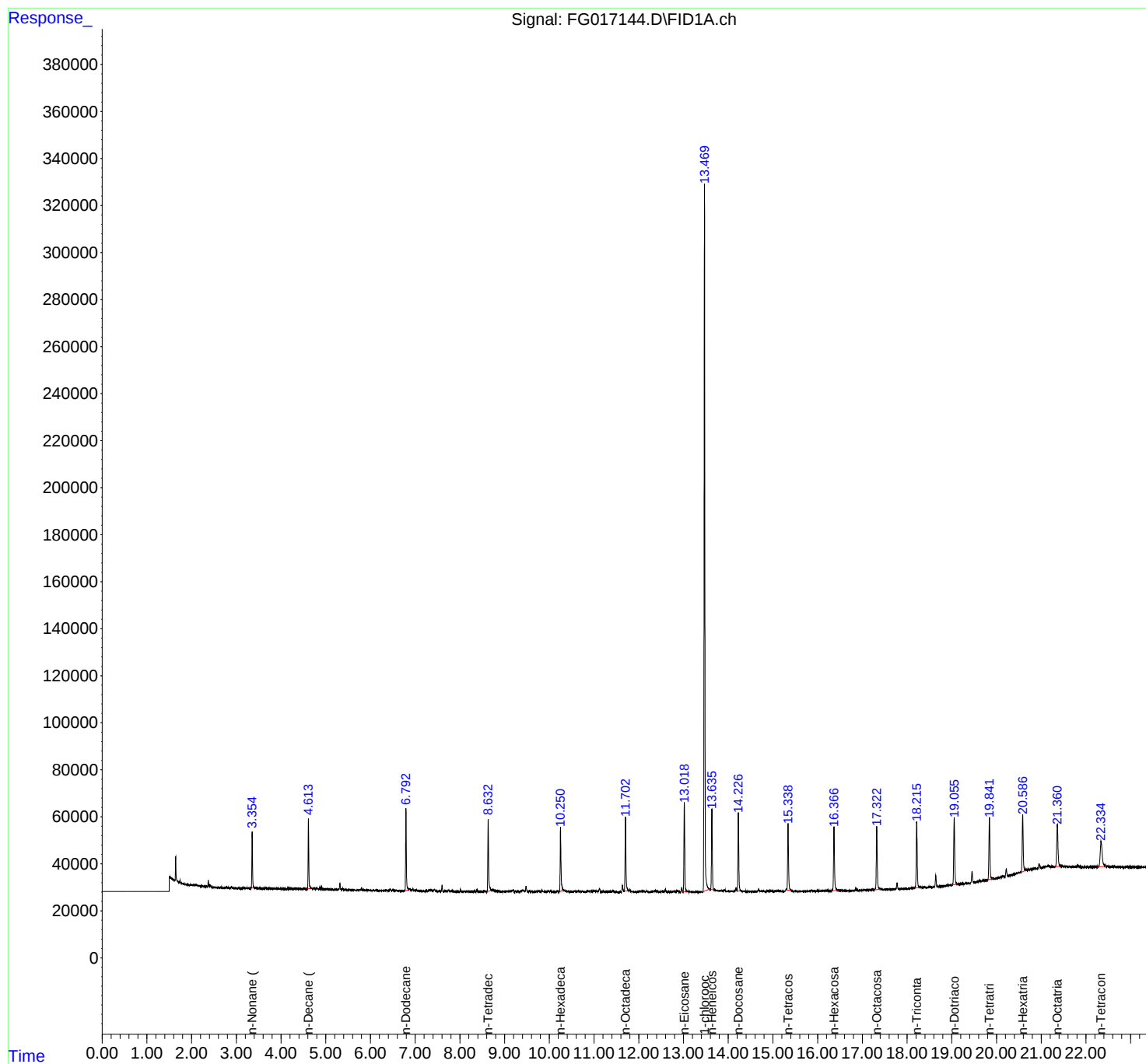
(m)=manual int.

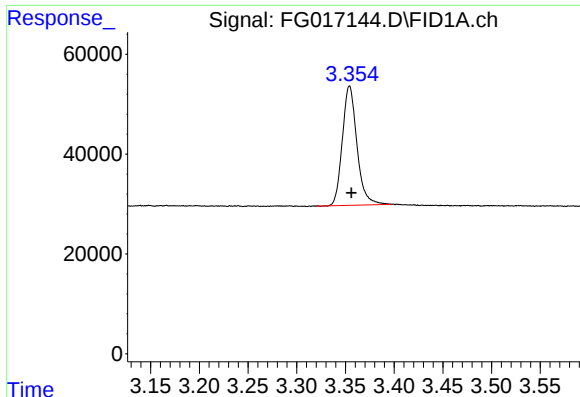
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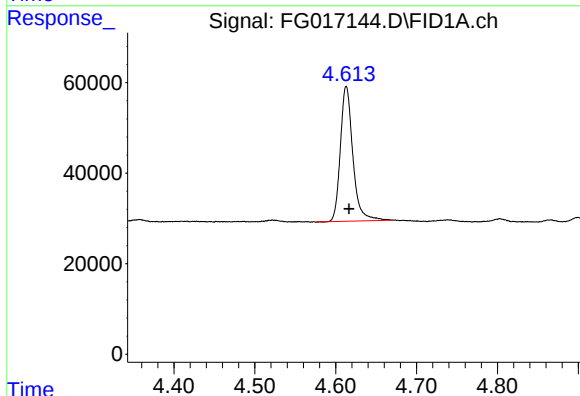




#1 n-Nonane (C9)

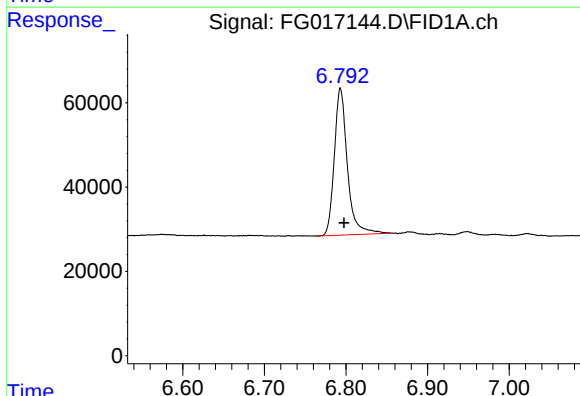
R.T.: 3.354 min
Delta R.T.: -0.002 min
Response: 249467
Conc: 2.03 ug/ml

Instrument :
FID_E
ClientSampleId :



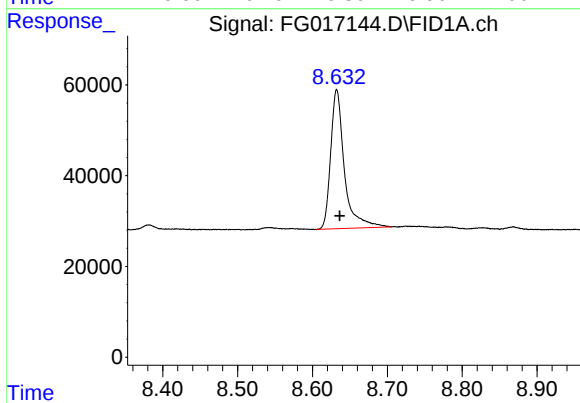
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.004 min
Response: 319131
Conc: 2.56 ug/ml



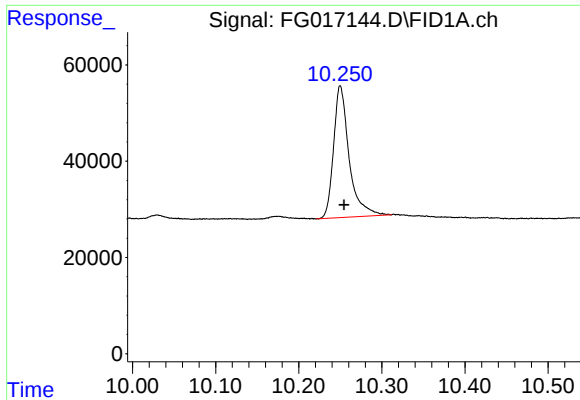
#4 n-Dodecane (C12)

R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 389010
Conc: 3.06 ug/ml



#6 n-Tetradecane (C14)

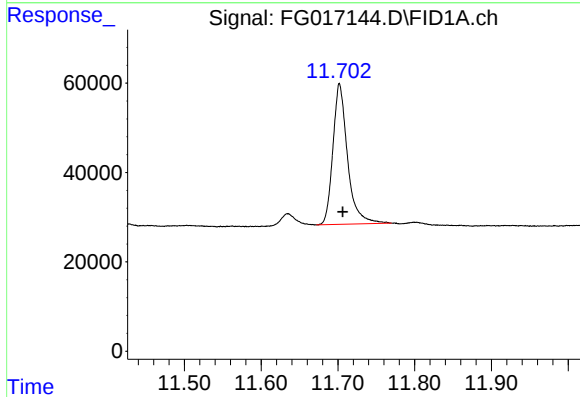
R.T.: 8.632 min
Delta R.T.: -0.004 min
Response: 389205
Conc: 3.12 ug/ml



#7 n-Hexadecane (C16)

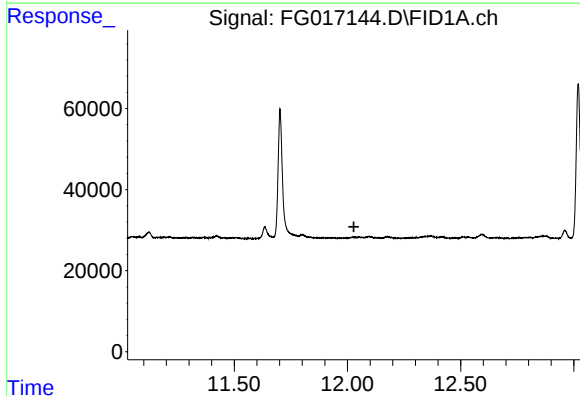
R.T.: 10.250 min
Delta R.T.: -0.004 min
Response: 355918
Conc: 2.77 ug/ml

Instrument :
FID_E
ClientSampleId :



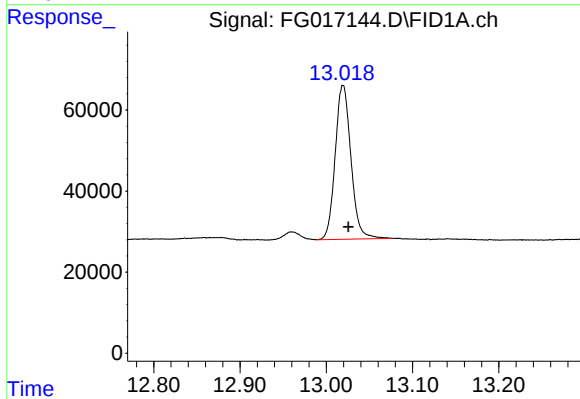
#8 n-Octadecane (C18)

R.T.: 11.702 min
Delta R.T.: -0.004 min
Response: 416414
Conc: 3.07 ug/ml



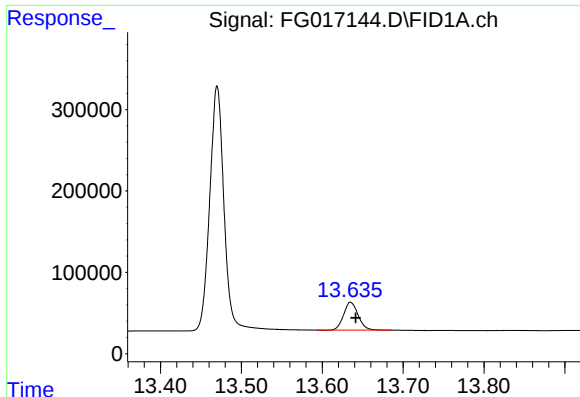
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.028 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

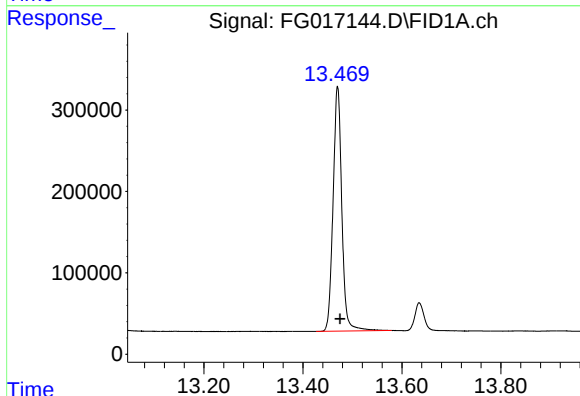
R.T.: 13.019 min
Delta R.T.: -0.006 min
Response: 482104
Conc: 3.52 ug/ml



#11 n-Heneicosane (C21)

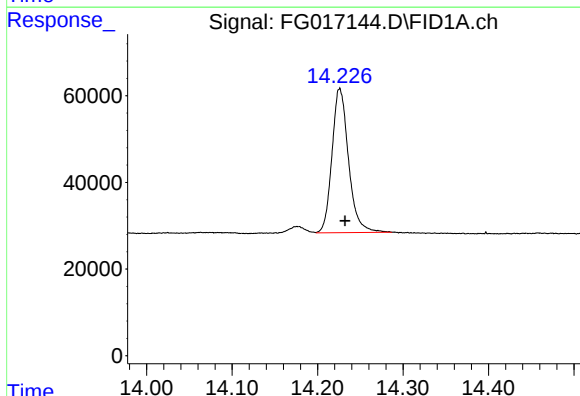
R.T.: 13.635 min
Delta R.T.: -0.007 min
Response: 428902
Conc: 3.16 ug/ml

Instrument :
FID_E
ClientSampleId :



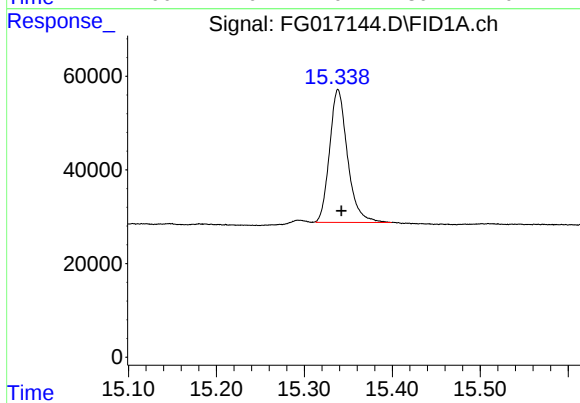
#12 1-chlorooctadecane (SURR)

R.T.: 13.470 min
Delta R.T.: -0.005 min
Response: 3692419
Conc: 31.83 ug/ml



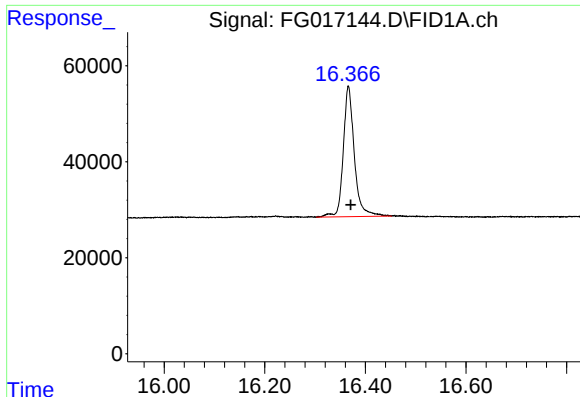
#13 n-Docosane (C22)

R.T.: 14.226 min
Delta R.T.: -0.006 min
Response: 446738
Conc: 3.25 ug/ml



#14 n-Tetracosane (C24)

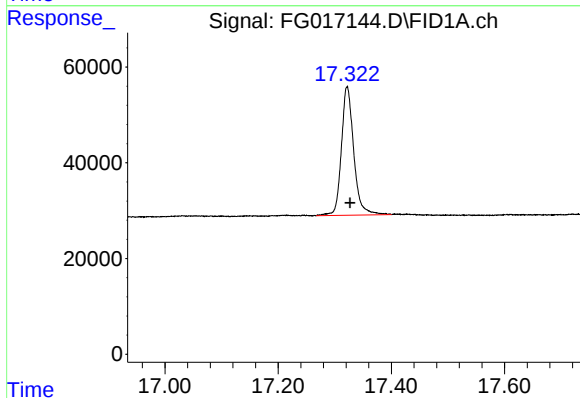
R.T.: 15.338 min
Delta R.T.: -0.004 min
Response: 401559
Conc: 2.84 ug/ml



#15 n-Hexacosane (C26)

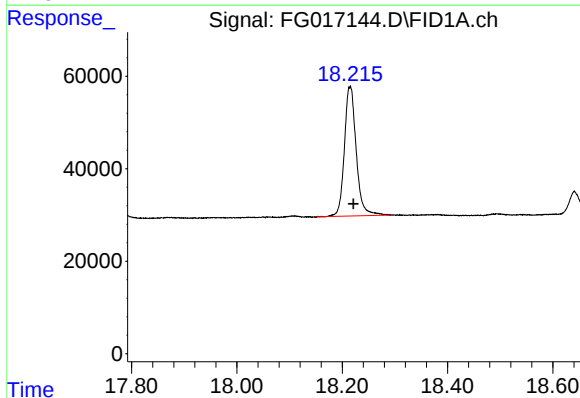
R.T.: 16.366 min
Delta R.T.: -0.005 min
Response: 413940
Conc: 2.98 ug/ml

Instrument :
FID_E
ClientSampleId :



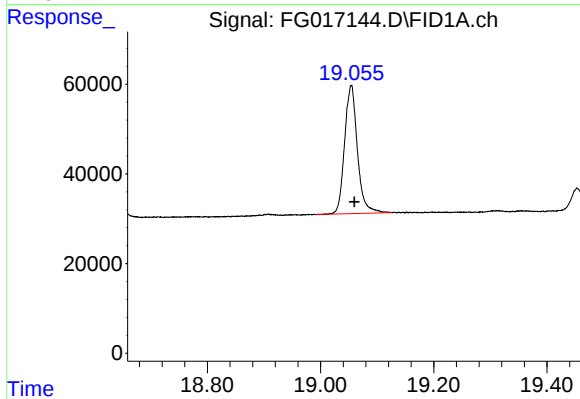
#16 n-Octacosane (C28)

R.T.: 17.322 min
Delta R.T.: -0.005 min
Response: 406636
Conc: 2.90 ug/ml



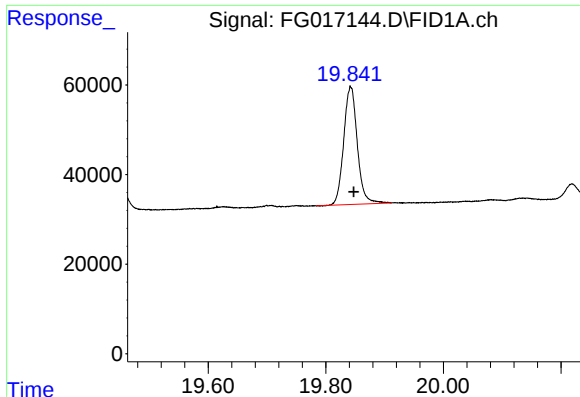
#17 n-Tricontane (C30)

R.T.: 18.215 min
Delta R.T.: -0.007 min
Response: 436586
Conc: 2.94 ug/ml



#18 n-Dotriacontane (C32)

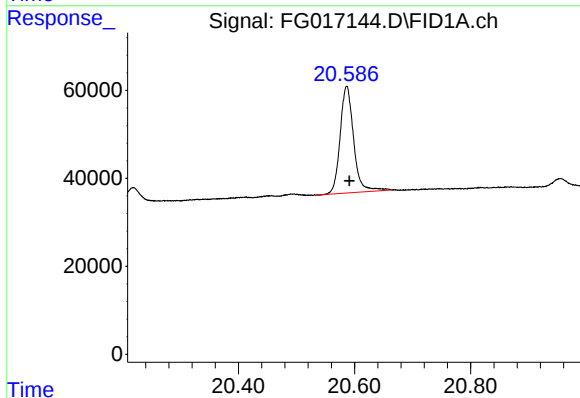
R.T.: 19.054 min
Delta R.T.: -0.006 min
Response: 449059
Conc: 3.00 ug/ml



#19 n-Tetratriacontane (C34)

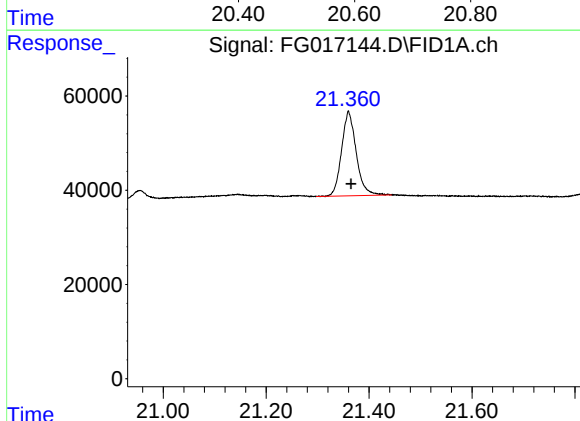
R.T.: 19.843 min
Delta R.T.: -0.005 min
Response: 422109
Conc: 3.22 ug/ml

Instrument :
FID_E
ClientSampleId :



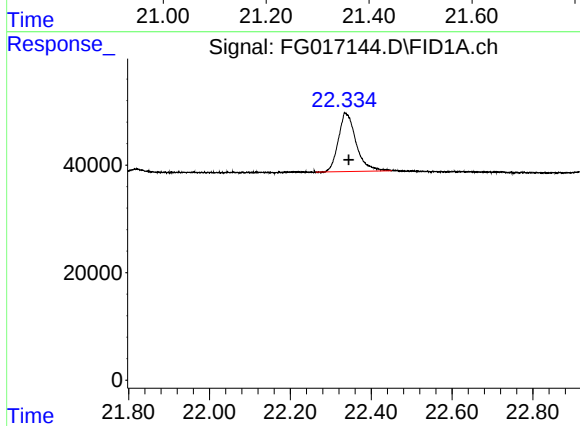
#20 n-Hexatriacontane (C36)

R.T.: 20.587 min
Delta R.T.: -0.004 min
Response: 390939
Conc: 3.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.360 min
Delta R.T.: -0.005 min
Response: 353291
Conc: 3.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.335 min
Delta R.T.: -0.009 min
Response: 331660
Conc: 4.07 ug/ml