

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055363.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 18:36
 Operator : YP\AJ
 Sample : Q2871-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 02:28:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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			
9) S ortho-Terphenyl (SURR)	12.082	5595345	39.182 ug/ml
Spiked Amount 50.000		Recovery =	78.36%
12) S 1-chlorooctadecane (S...	13.518	4458419	41.464 ug/ml
Spiked Amount 50.000		Recovery =	82.93%
Target Compounds			
1) T n-Nonane (C9)	3.418	12536	0.109 ug/ml
2) T n-Decane (C10)	4.677	10647	0.091 ug/ml
3) T A~Naphthalene (C11.7)	6.398	18785	0.140 ug/ml
4) T n-Dodecane (C12)	6.853	6516	0.055 ug/ml
5) T A~2-methylnaphthalene...	7.492	4549	0.035 ug/ml
6) T n-Tetradecane (C14)	8.693	37552	0.306 ug/ml
7) T n-Hexadecane (C16)	10.303	14948	0.117 ug/ml
8) T n-Octadecane (C18)	11.755	20797	0.159 ug/ml
10) T n-Eicosane (C20)	13.068	24830	0.198 ug/ml
11) T n-Heneicosane (C21)	13.685	24822	0.201 ug/ml
13) T n-Docosane (C22)	14.271	27871	0.228 ug/ml
14) T n-Tetracosane (C24)	15.376	53653	0.441 ug/ml
15) T n-Hexacosane (C26)	16.401	52288	0.437 ug/ml
16) T n-Octacosane (C28)	17.354	189803	1.600 ug/ml
17) T n-Tricontane (C30)	18.243	296963	2.413 ug/ml
18) T n-Dotriacontane (C32)	19.077	950048	7.787 ug/ml
19) T n-Tetratriacontane (C34)	19.863	838785	7.174 ug/ml
20) T n-Hexatriacontane (C36)	20.604	1666156	15.244 ug/ml
21) T n-Octatriacontane (C38)	21.384	1839218	17.019 ug/ml
22) T n-Tetracontane (C40)	22.368	2419692	23.138 ug/ml

(f)=RT Delta > 1/2 Window

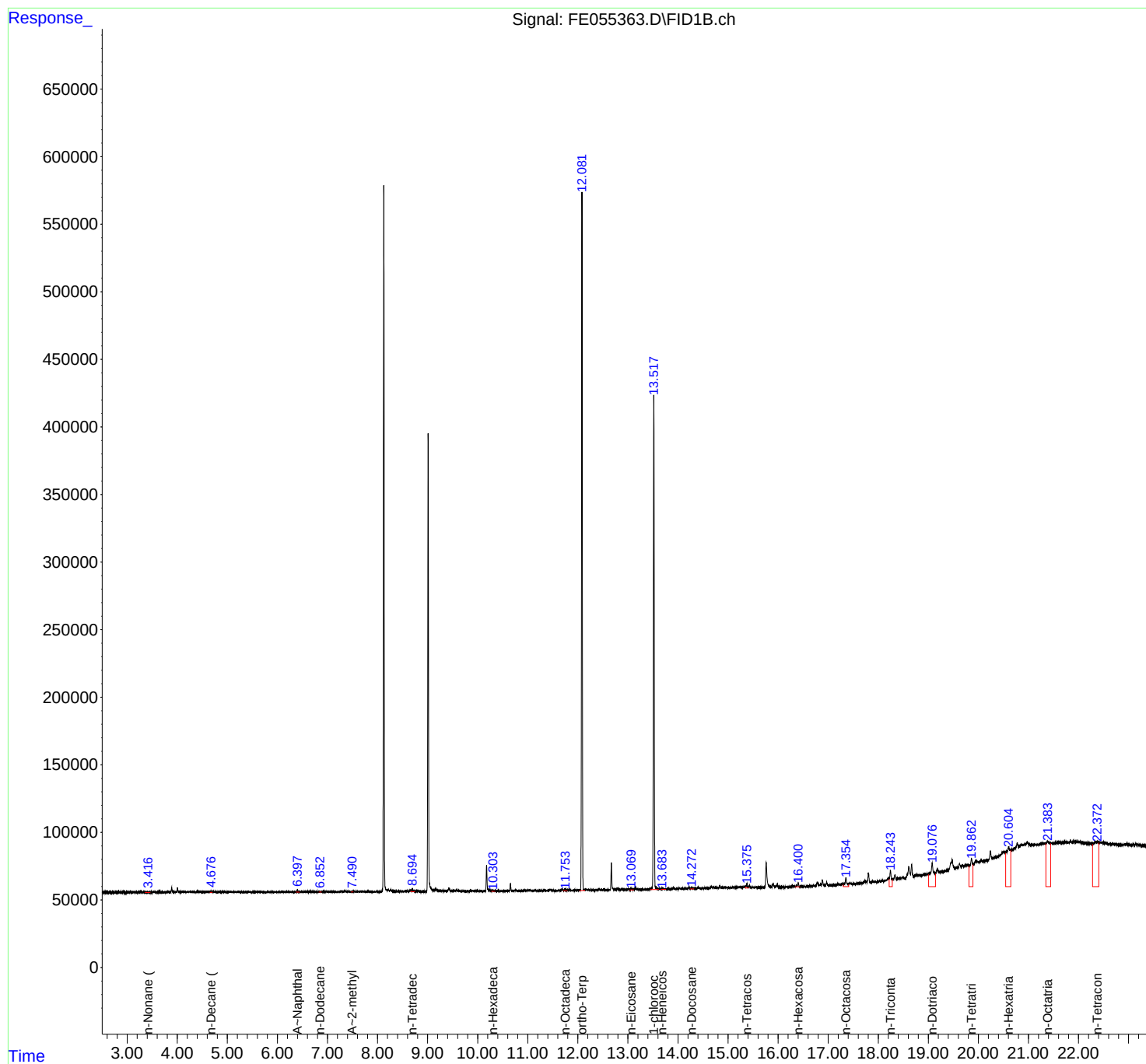
(m)=manual int.

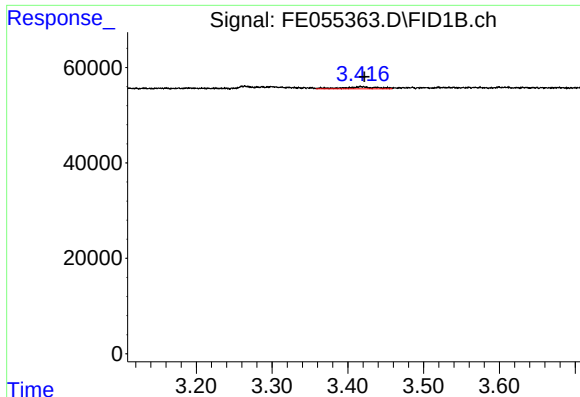
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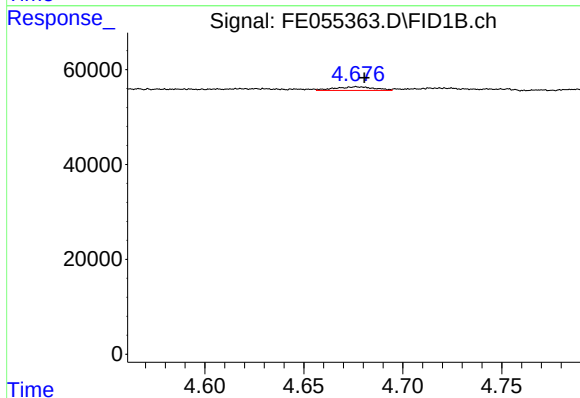




#1 n-Nonane (C9)

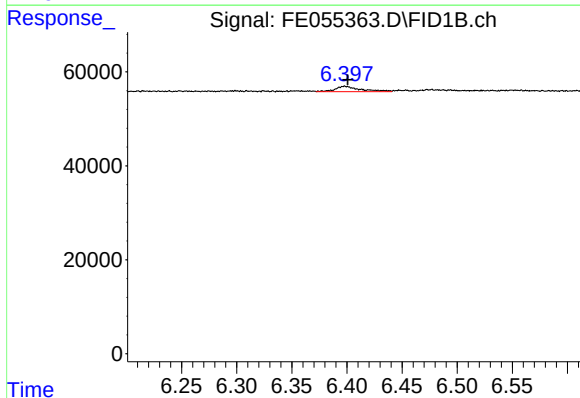
R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 12536
Conc: 0.11 ug/ml

Instrument :
FID_E
ClientSampleId :



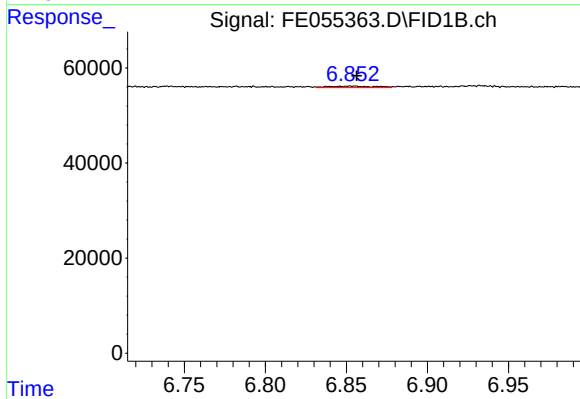
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 10647
Conc: 0.09 ug/ml



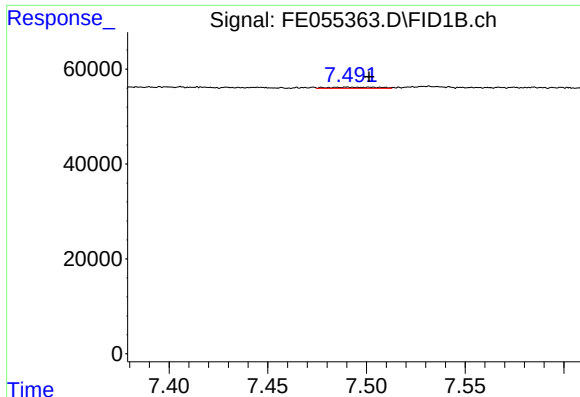
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 18785
Conc: 0.14 ug/ml



#4 n-Dodecane (C12)

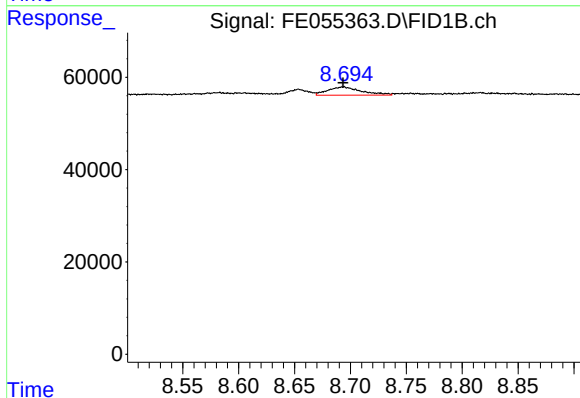
R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 6516
Conc: 0.05 ug/ml



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

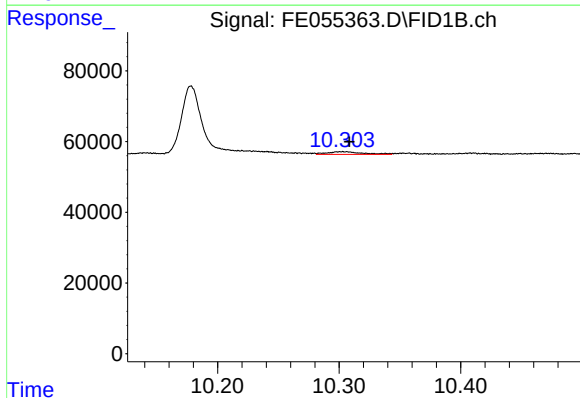
R.T.: 7.492 min
Delta R.T.: -0.009 min
Response: 4549
Conc: 0.03 ug/ml

Instrument :
FID_E
ClientSampleId :



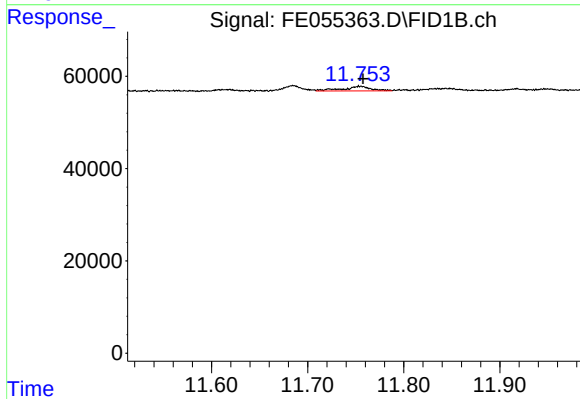
#6 n-Tetradecane (C14)

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 37552
Conc: 0.31 ug/ml



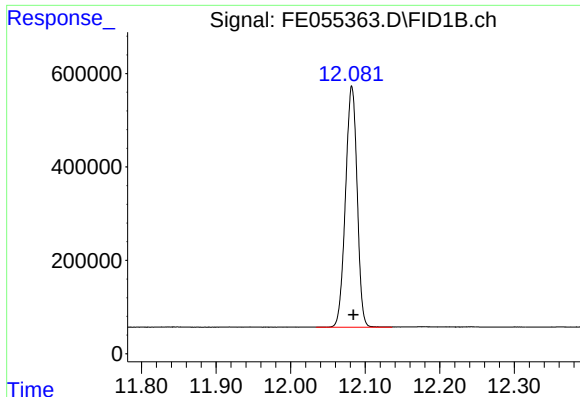
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: -0.005 min
Response: 14948
Conc: 0.12 ug/ml



#8 n-Octadecane (C18)

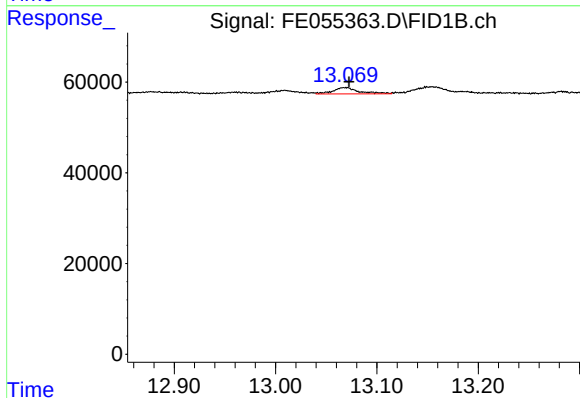
R.T.: 11.755 min
Delta R.T.: -0.003 min
Response: 20797
Conc: 0.16 ug/ml



#9 ortho-Terphenyl (SURR)

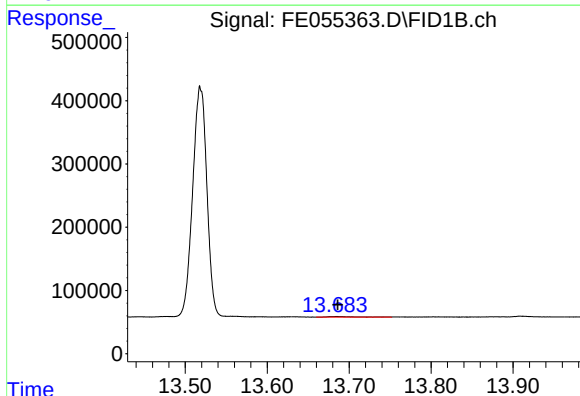
R.T.: 12.082 min
Delta R.T.: -0.002 min
Response: 5595345
Conc: 39.18 ug/ml

Instrument :
FID_E
ClientSampleId :



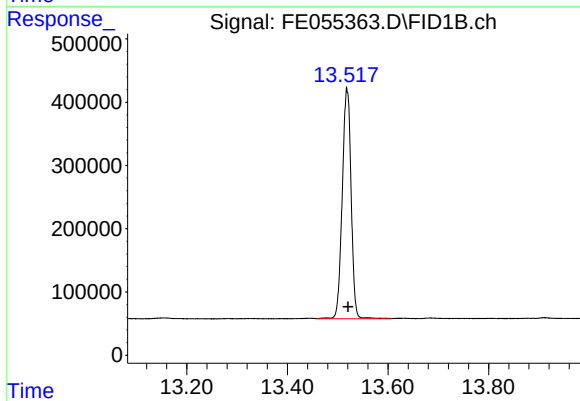
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.004 min
Response: 24830
Conc: 0.20 ug/ml



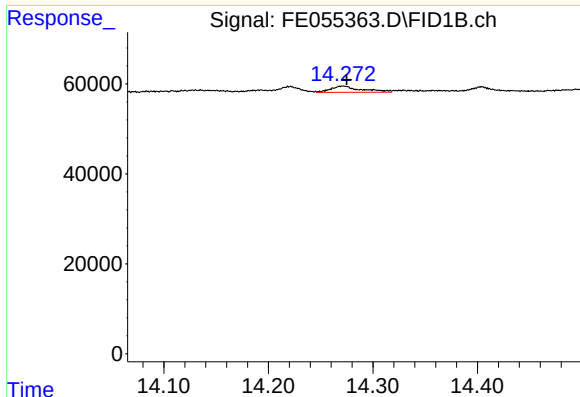
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 24822
Conc: 0.20 ug/ml



#12 1-chlorooctadecane (SURR)

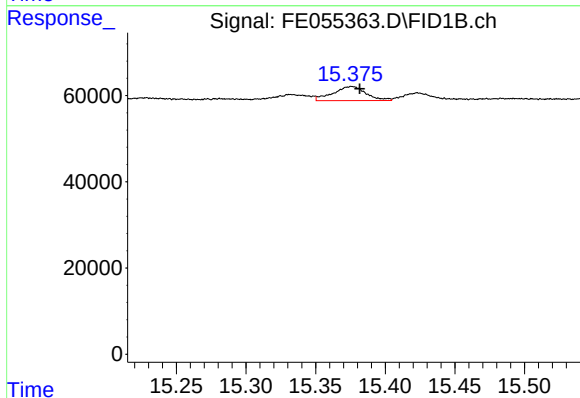
R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 4458419
Conc: 41.46 ug/ml



#13 n-Docosane (C22)

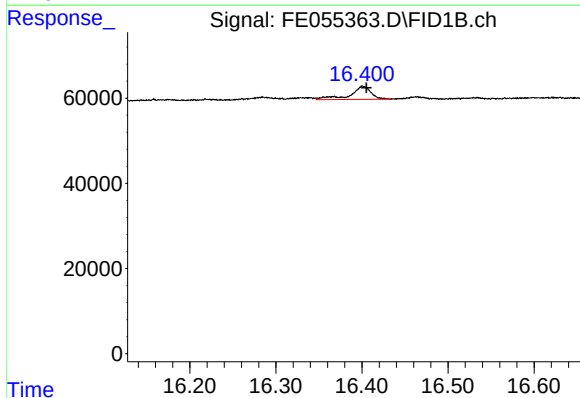
R.T.: 14.271 min
Delta R.T.: -0.004 min
Response: 27871
Conc: 0.23 ug/ml

Instrument :
FID_E
ClientSampleId :



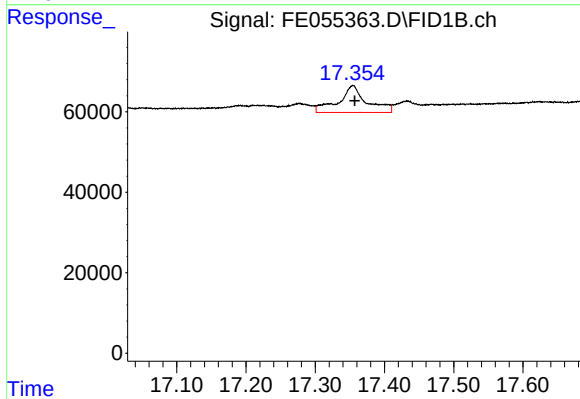
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: -0.006 min
Response: 53653
Conc: 0.44 ug/ml



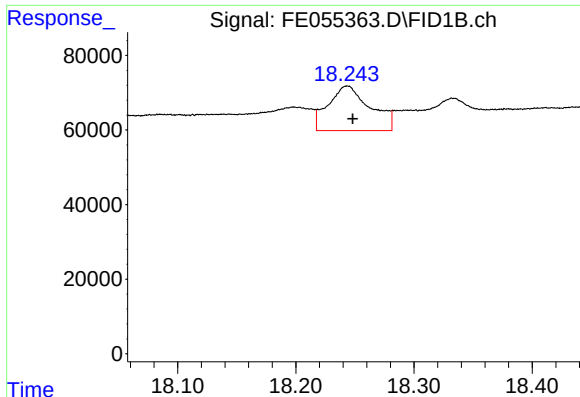
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: -0.004 min
Response: 52288
Conc: 0.44 ug/ml



#16 n-Octacosane (C28)

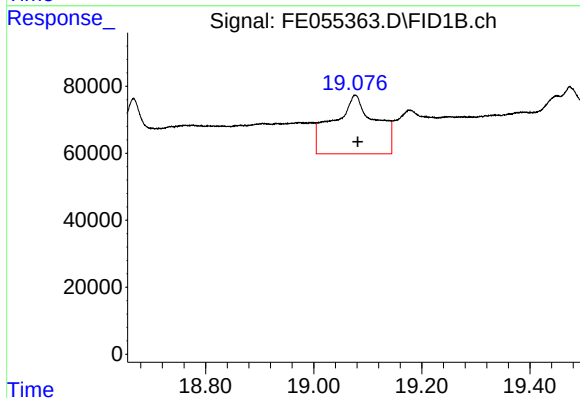
R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 189803
Conc: 1.60 ug/ml



#17 n-Tricontane (C30)

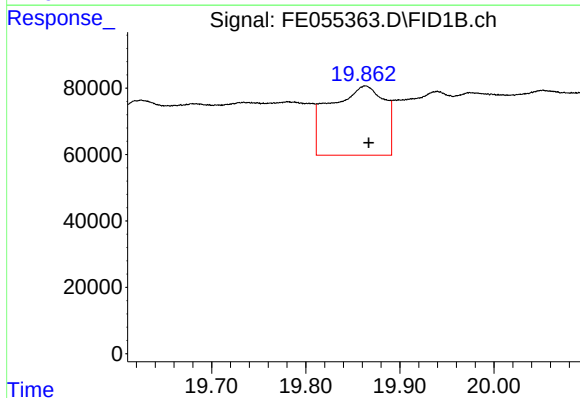
R.T.: 18.243 min
Delta R.T.: -0.005 min
Response: 296963
Conc: 2.41 ug/ml

Instrument :
FID_E
ClientSampleId :



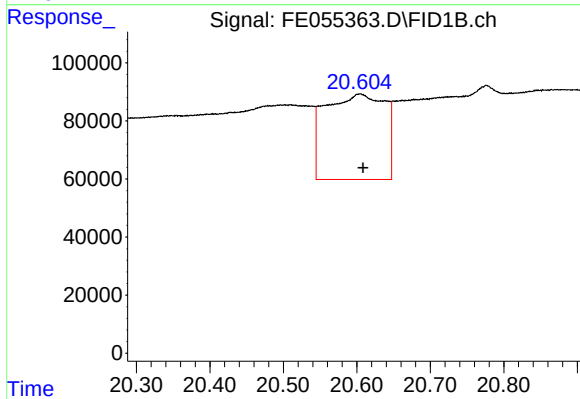
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: -0.005 min
Response: 950048
Conc: 7.79 ug/ml



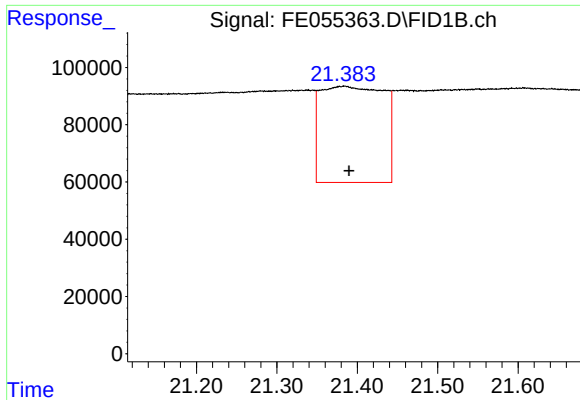
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 838785
Conc: 7.17 ug/ml



#20 n-Hexatriacontane (C36)

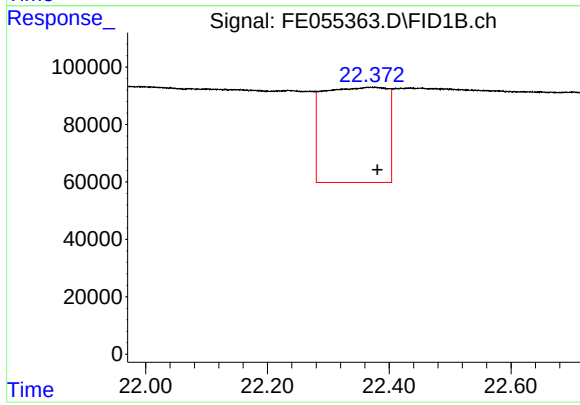
R.T.: 20.604 min
Delta R.T.: -0.004 min
Response: 1666156
Conc: 15.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.006 min
Response: 1839218
Conc: 17.02 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: -0.013 min
Response: 2419692
Conc: 23.14 ug/ml