

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055366.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 20:07
 Operator : YP\AJ
 Sample : Q2872-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 02:29:45 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	5285956	37.016 ug/ml
Spiked Amount 50.000		Recovery =	74.03%
12) S 1-chlorooctadecane (S...	13.519	4224886	39.292 ug/ml
Spiked Amount 50.000		Recovery =	78.58%
Target Compounds			
1) T n-Nonane (C9)	3.417	14727	0.128 ug/ml
2) T n-Decane (C10)	4.676	16993	0.146 ug/ml
3) T A~Naphthalene (C11.7)	6.398	32866	0.245 ug/ml
4) T n-Dodecane (C12)	6.852	12742	0.107 ug/ml
5) T A~2-methylnaphthalene...	7.498	15523	0.119 ug/ml
6) T n-Tetradecane (C14)	8.692	40205	0.328 ug/ml
7) T n-Hexadecane (C16)	10.305	28256	0.221 ug/ml
8) T n-Octadecane (C18)	11.753	16358	0.125 ug/ml
10) T n-Eicosane (C20)	13.067	34202	0.273 ug/ml
11) T n-Heneicosane (C21)	13.685	16289	0.132 ug/ml
13) T n-Docosane (C22)	14.271	26079	0.214 ug/ml
14) T n-Tetracosane (C24)	15.371	148781	1.223 ug/ml
15) T n-Hexacosane (C26)	16.401	40775	0.341 ug/ml
16) T n-Octacosane (C28)	17.354	225820	1.904 ug/ml
17) T n-Tricontane (C30)	18.243	366673	2.980 ug/ml
18) T n-Dotriacontane (C32)	19.076	555017	4.549 ug/ml
19) T n-Tetratriacontane (C34)	19.862	869209	7.434 ug/ml
20) T n-Hexatriacontane (C36)	20.604	1053432	9.638 ug/ml
21) T n-Octatriacontane (C38)	21.382	2244804	20.772 ug/ml
22) T n-Tetracontane (C40)	22.374	5735073	54.842 ug/ml

(f)=RT Delta > 1/2 Window

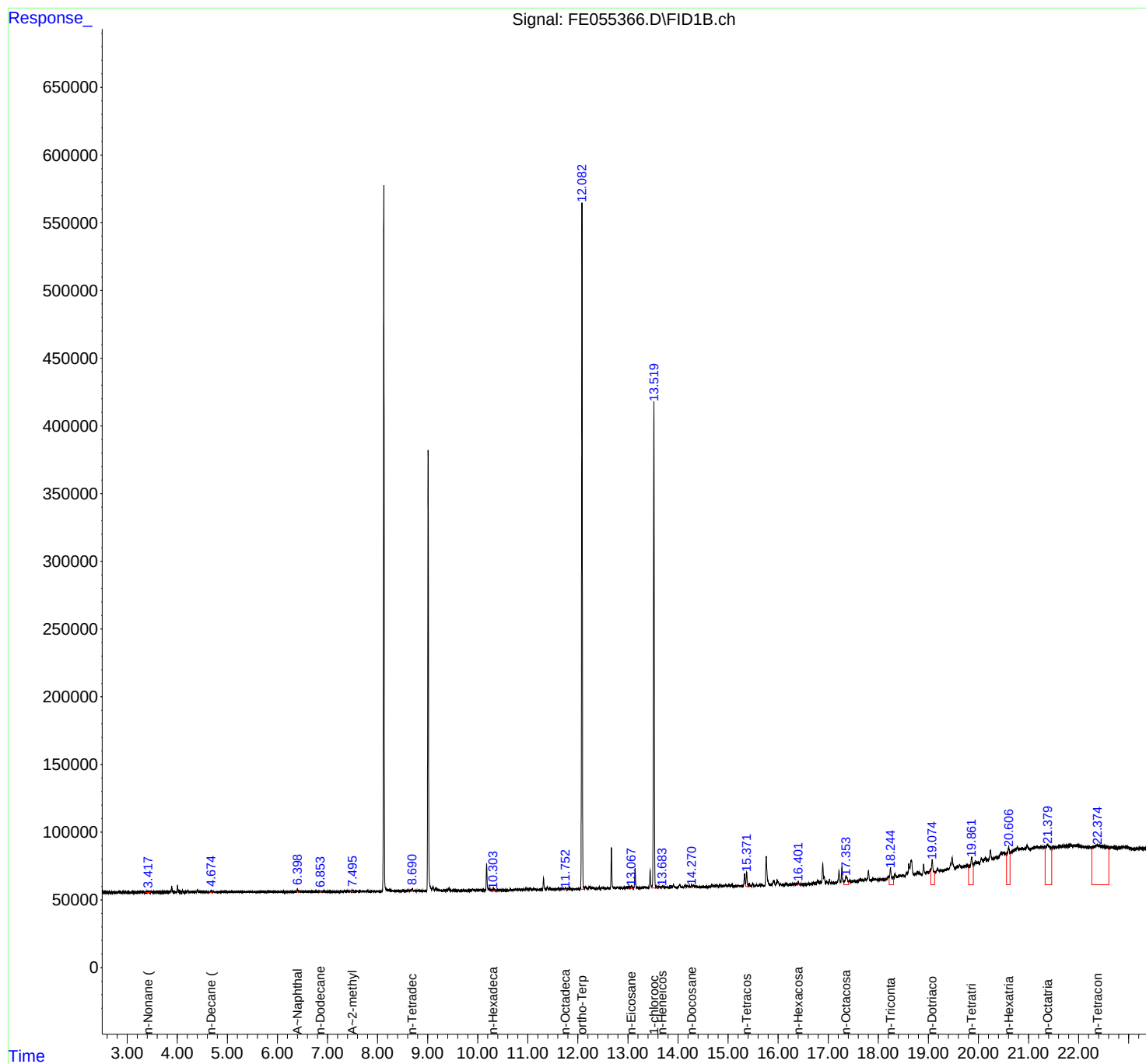
(m)=manual int.

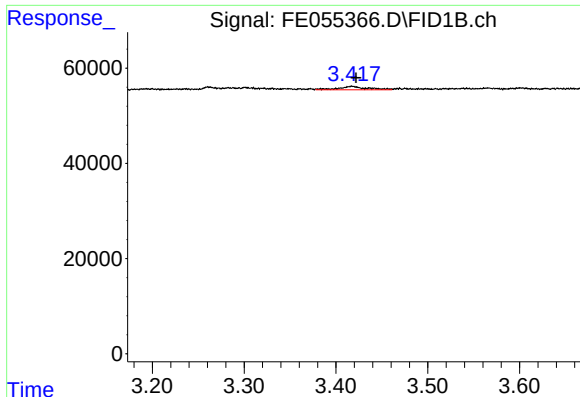
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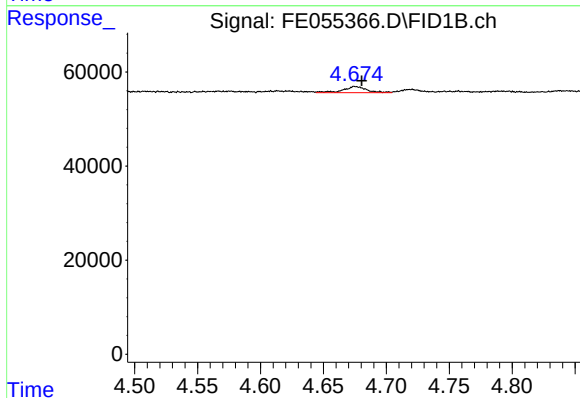




#1 n-Nonane (C9)

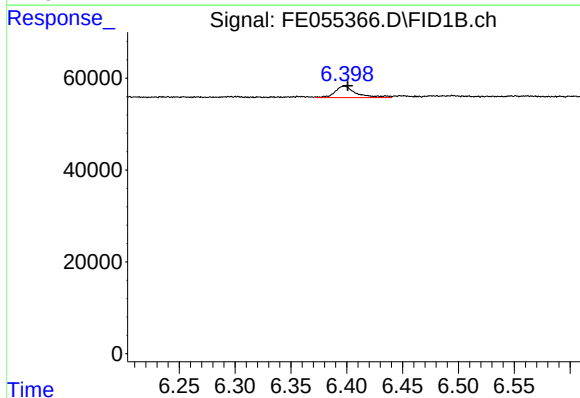
R.T.: 3.417 min
Delta R.T.: -0.005 min
Response: 14727
Conc: 0.13 ug/ml

Instrument :
FID_E
ClientSampleId :



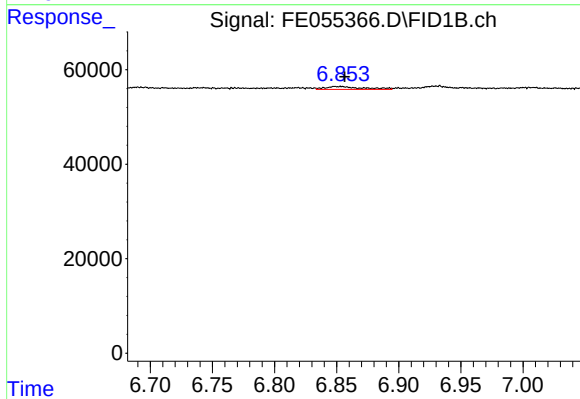
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: -0.005 min
Response: 16993
Conc: 0.15 ug/ml



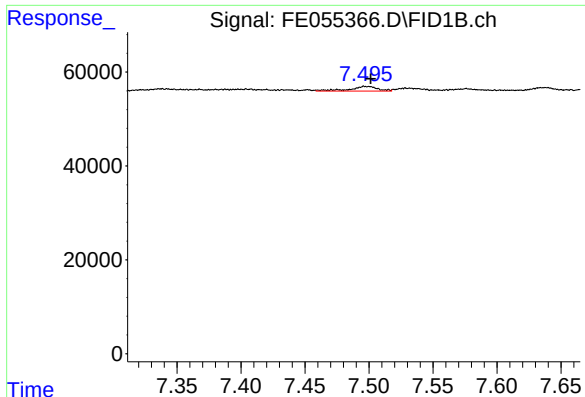
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 32866
Conc: 0.24 ug/ml



#4 n-Dodecane (C12)

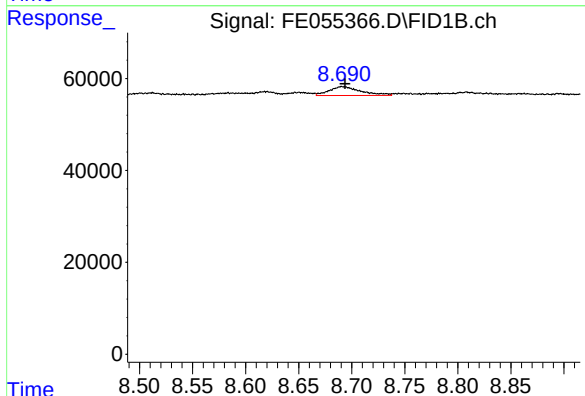
R.T.: 6.852 min
Delta R.T.: -0.004 min
Response: 12742
Conc: 0.11 ug/ml



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

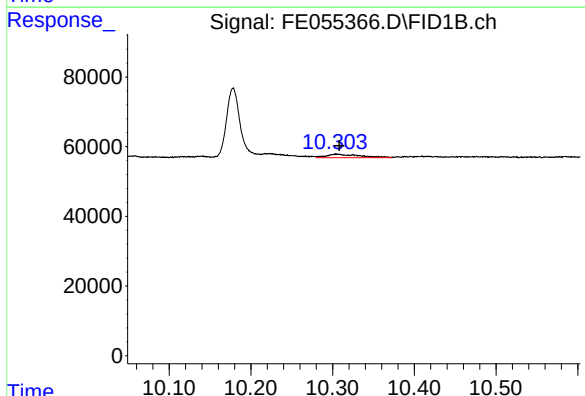
R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 15523
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :



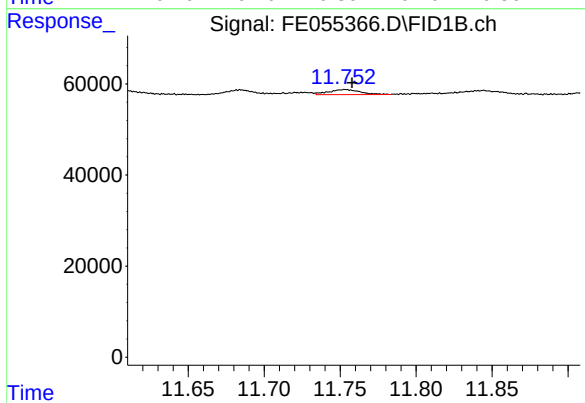
#6 n-Tetradecane (C14)

R.T.: 8.692 min
Delta R.T.: -0.002 min
Response: 40205
Conc: 0.33 ug/ml



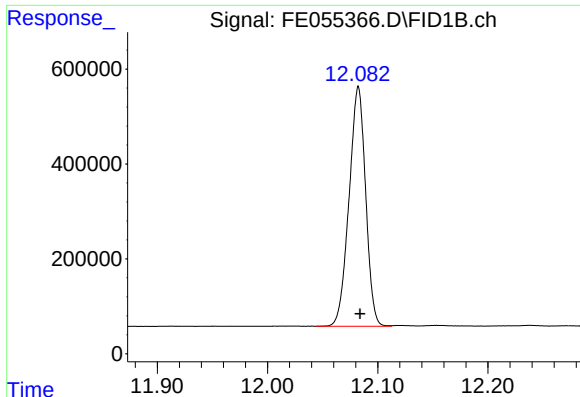
#7 n-Hexadecane (C16)

R.T.: 10.305 min
Delta R.T.: -0.003 min
Response: 28256
Conc: 0.22 ug/ml



#8 n-Octadecane (C18)

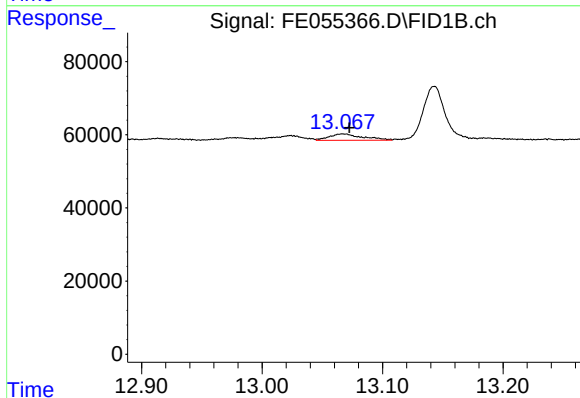
R.T.: 11.753 min
Delta R.T.: -0.005 min
Response: 16358
Conc: 0.13 ug/ml



#9 ortho-Terphenyl (SURR)

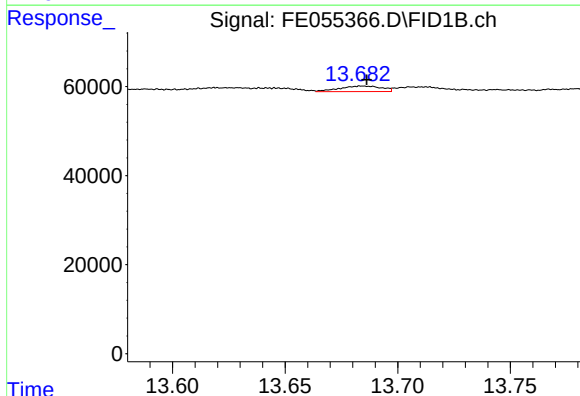
R.T.: 12.082 min
Delta R.T.: -0.002 min
Response: 5285956
Conc: 37.02 ug/ml

Instrument :
FID_E
ClientSampleId :



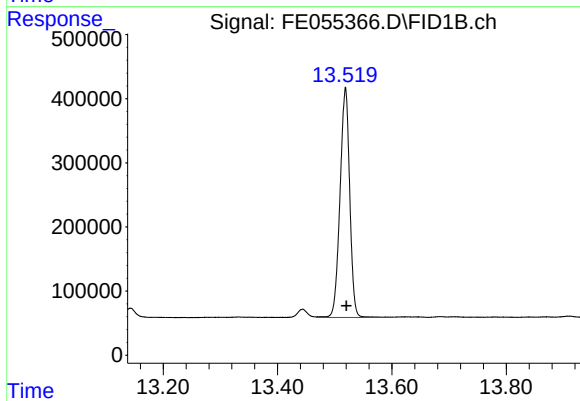
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.005 min
Response: 34202
Conc: 0.27 ug/ml



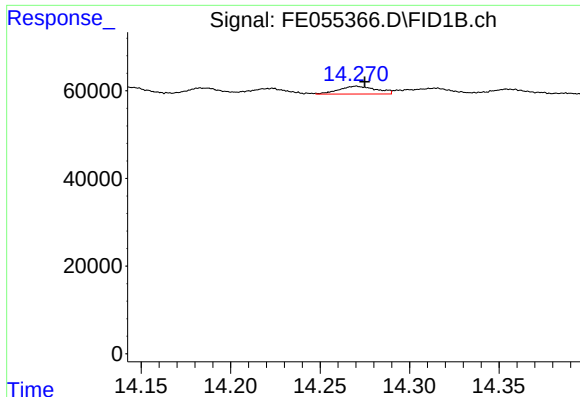
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 16289
Conc: 0.13 ug/ml



#12 1-chlorooctadecane (SURR)

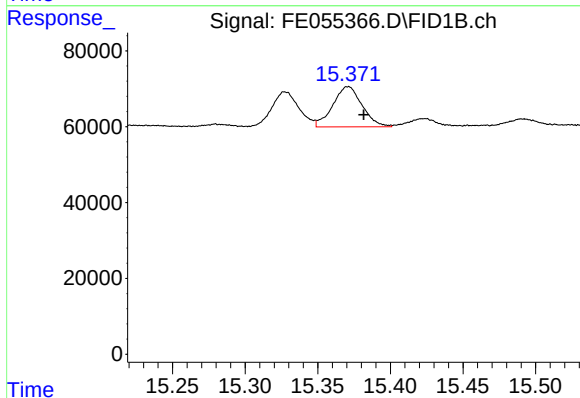
R.T.: 13.519 min
Delta R.T.: -0.002 min
Response: 4224886
Conc: 39.29 ug/ml



#13 n-Docosane (C22)

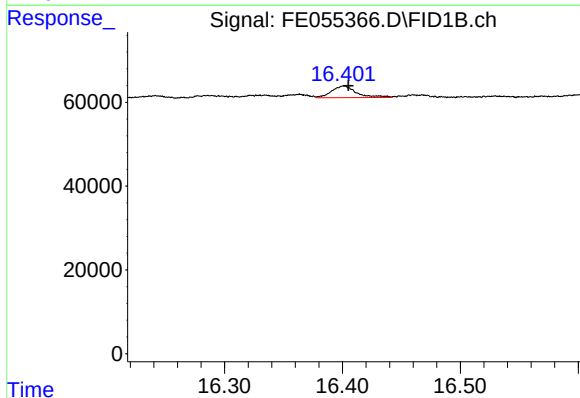
R.T.: 14.271 min
Delta R.T.: -0.004 min
Response: 26079
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



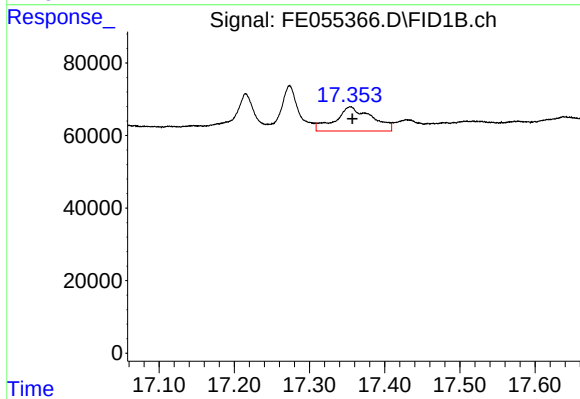
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: -0.011 min
Response: 148781
Conc: 1.22 ug/ml



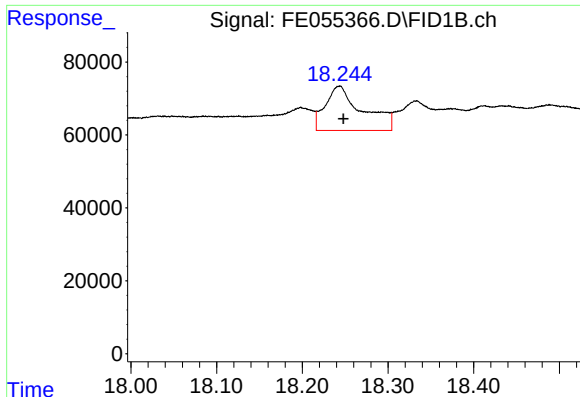
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: -0.004 min
Response: 40775
Conc: 0.34 ug/ml



#16 n-Octacosane (C28)

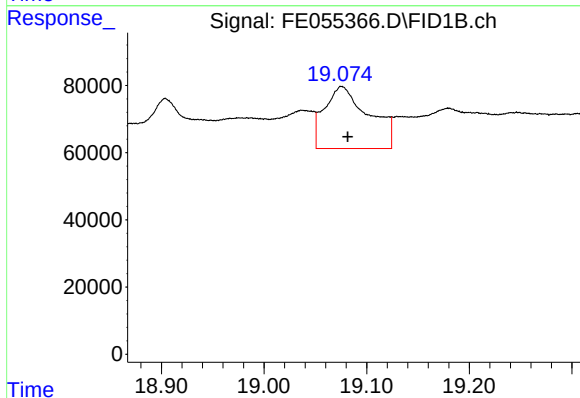
R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 225820
Conc: 1.90 ug/ml



#17 n-Tricontane (C30)

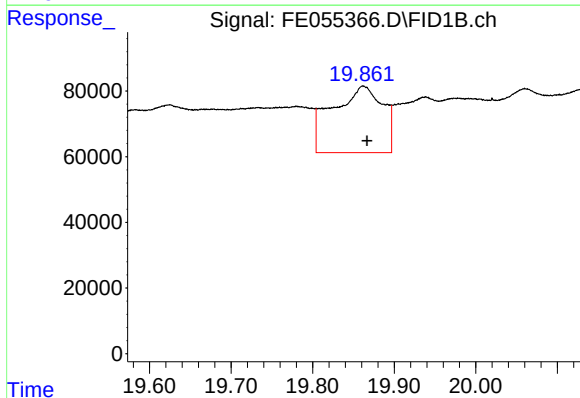
R.T.: 18.243 min
Delta R.T.: -0.005 min
Response: 366673
Conc: 2.98 ug/ml

Instrument :
FID_E
ClientSampleId :



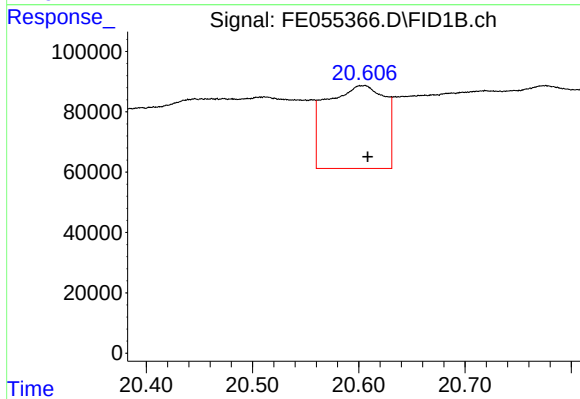
#18 n-Dotriacontane (C32)

R.T.: 19.076 min
Delta R.T.: -0.006 min
Response: 555017
Conc: 4.55 ug/ml



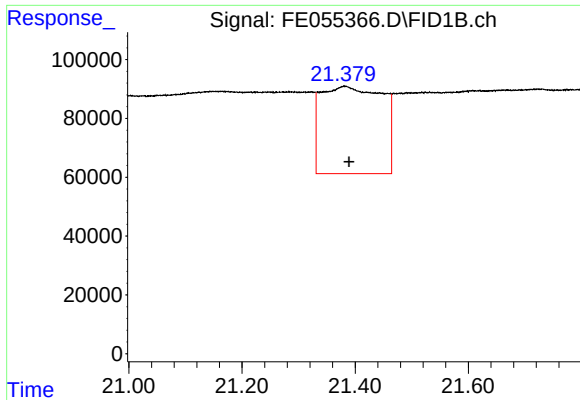
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: -0.004 min
Response: 869209
Conc: 7.43 ug/ml



#20 n-Hexatriacontane (C36)

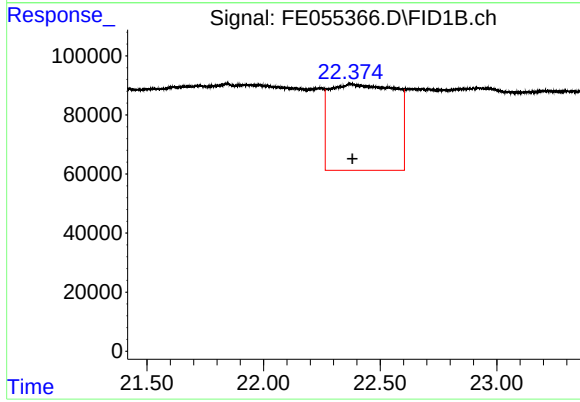
R.T.: 20.604 min
Delta R.T.: -0.005 min
Response: 1053432
Conc: 9.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.382 min
Delta R.T.: -0.008 min
Response: 2244804
Conc: 20.77 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.374 min
Delta R.T.: -0.007 min
Response: 5735073
Conc: 54.84 ug/ml