

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
 Data File : FE055289.D
 Signal(s) : FID1B.ch
 Acq On : 13 Aug 2025 12:21
 Operator : YP\AJ
 Sample : Q2827-06DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-9-EPHDL

Integration File: autoint1.e
 Quant Time: Aug 14 01:21:31 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)	12.093	2775216	19.434 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
12) S 1-chlorooctadecane (S...	13.526	1700858	15.818 ug/ml
Spiked Amount 50.000		Recovery =	31.64%
Target Compounds			
1) T n-Nonane (C9)	3.441	220789	1.924 ug/ml
3) T A~Naphthalene (C11.7)	6.391	748891	5.579 ug/ml
4) T n-Dodecane (C12)	6.875	2718793	22.831 ug/ml
5) T A~2-methylnaphthalene...	7.512	5505968	42.229 ug/ml
6) T n-Tetradecane (C14)	8.690	2584531	21.079 ug/ml
7) T n-Hexadecane (C16)	10.277	4536624	35.486 ug/ml
8) T n-Octadecane (C18)	11.761	1319857	10.116 ug/ml
10) T n-Eicosane (C20)	13.079	1466451	11.687 ug/ml
11) T n-Heneicosane (C21)	13.738f	1128360	9.154 ug/ml
13) T n-Docosane (C22)	14.275	142529	1.167 ug/ml
14) T n-Tetracosane (C24)	15.380	571333	4.697 ug/ml
15) T n-Hexacosane (C26)	16.409	388380	3.246 ug/ml
16) T n-Octacosane (C28)	17.362	2978388	25.108 ug/ml
17) T n-Tricontane (C30)	18.260	14734396	119.745 ug/ml
18) T n-Dotriacontane (C32)	19.105	31664963	259.525 ug/ml
19) T n-Tetratriacontane (C34)	19.894	35142508	300.571 ug/ml
20) T n-Hexatriacontane (C36)	20.634	30125745	275.627 ug/ml
21) T n-Octatriacontane (C38)	21.414	19516614	180.591 ug/ml
22) T n-Tetracontane (C40)	22.406	12163163	116.311 ug/ml

(f)=RT Delta > 1/2 Window

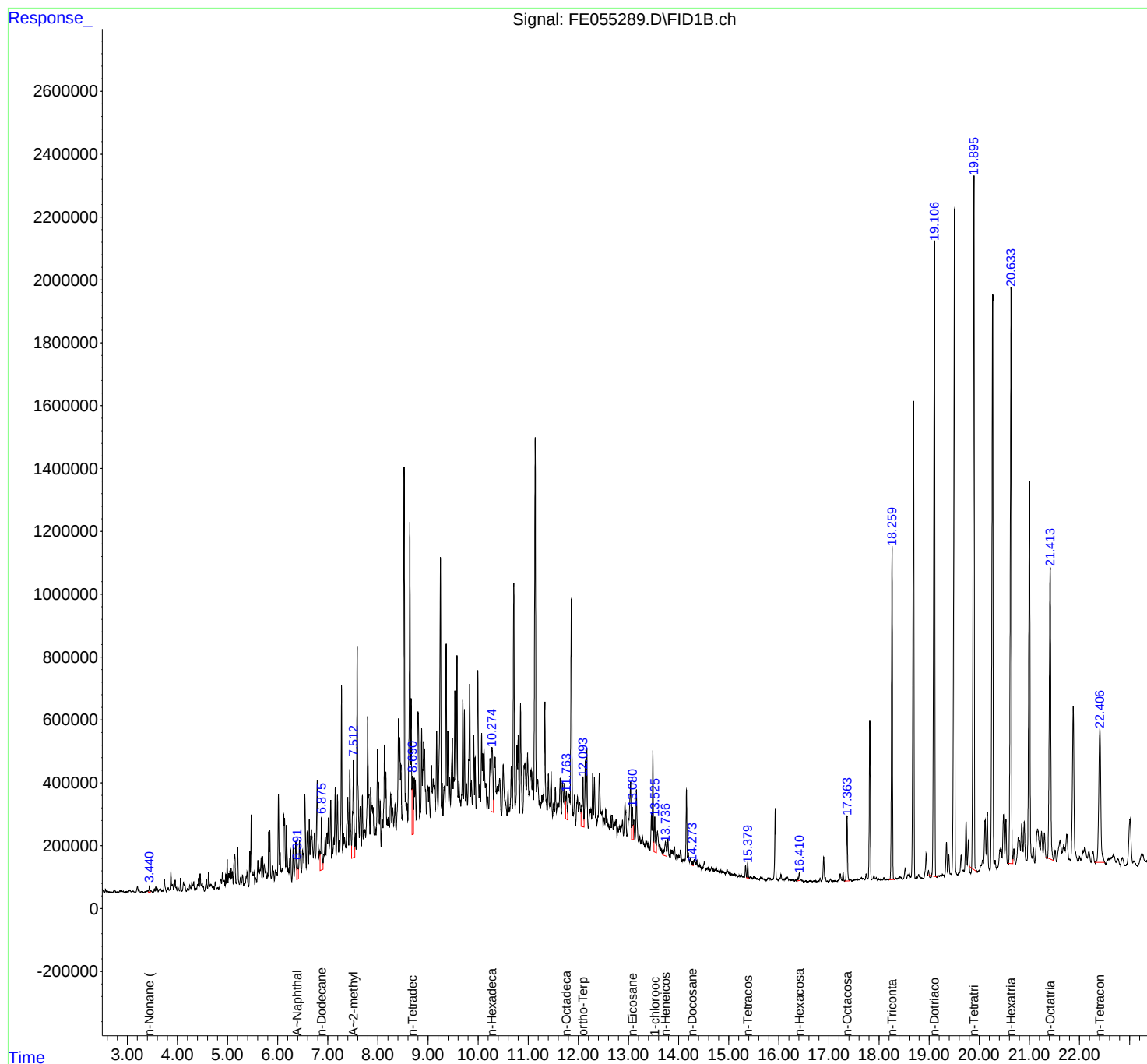
(m)=manual int.

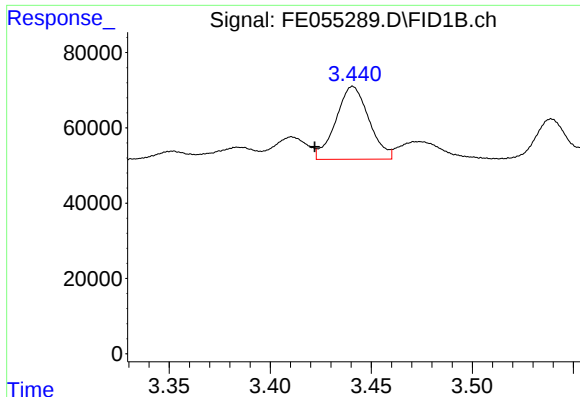
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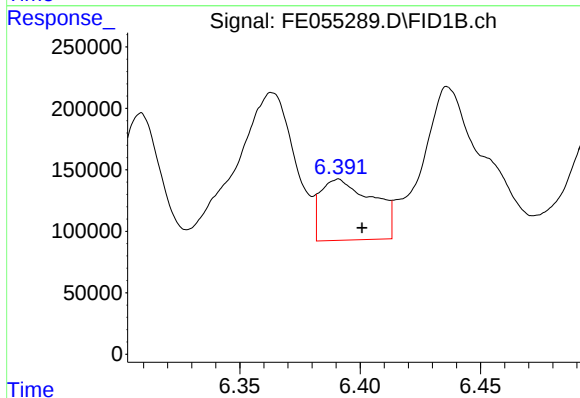




#1 n-Nonane (C9)

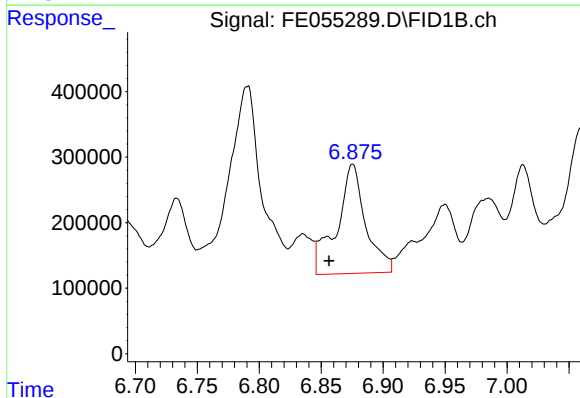
R.T.: 3.441 min
Delta R.T.: 0.019 min
Response: 220789
Conc: 1.92 ug/ml

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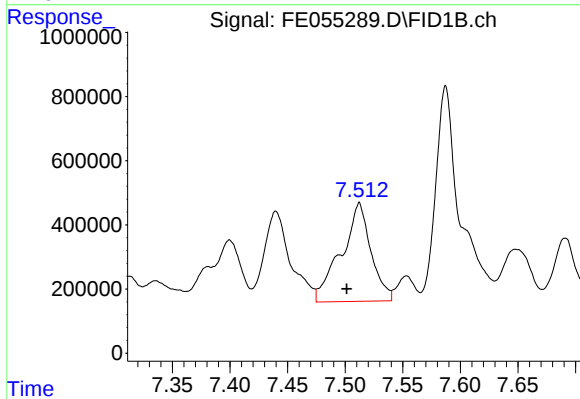
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: -0.010 min
Response: 748891
Conc: 5.58 ug/ml



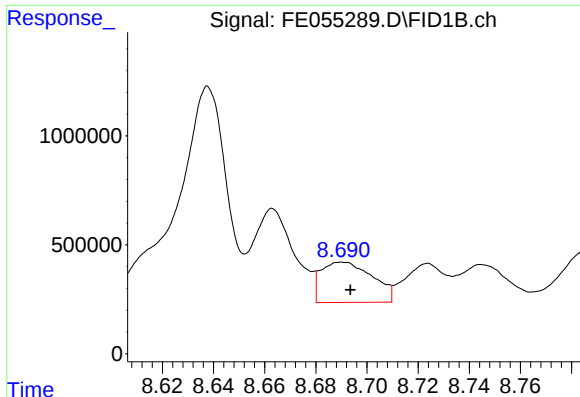
#4 n-Dodecane (C12)

R.T.: 6.875 min
Delta R.T.: 0.019 min
Response: 2718793
Conc: 22.83 ug/ml



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

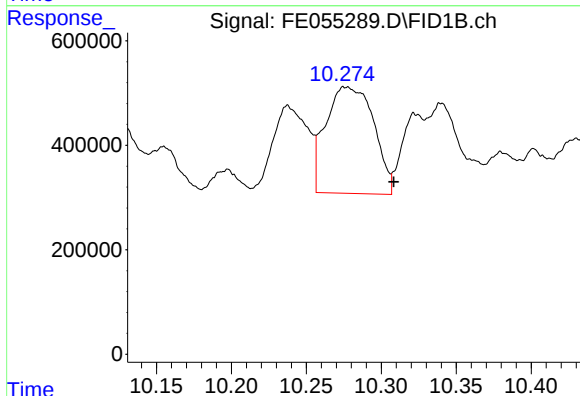
R.T.: 7.512 min
Delta R.T.: 0.011 min
Response: 5505968
Conc: 42.23 ug/ml



#6 n-Tetradecane (C14)

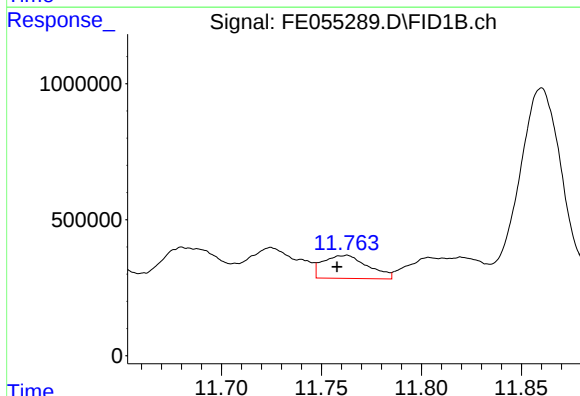
R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 2584531
Conc: 21.08 ug/ml

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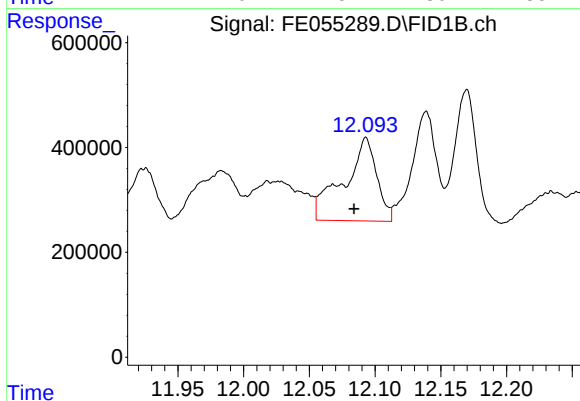
#7 n-Hexadecane (C16)

R.T.: 10.277 min
Delta R.T.: -0.031 min
Response: 4536624
Conc: 35.49 ug/ml



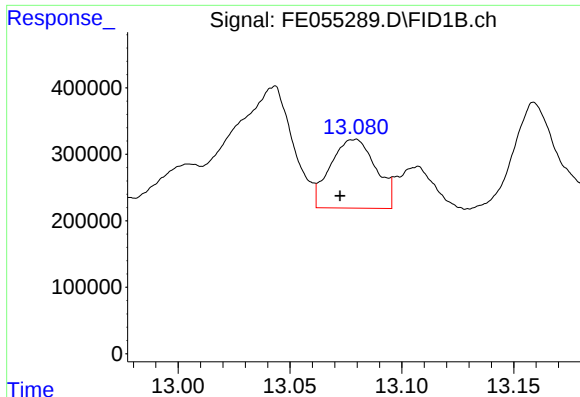
#8 n-Octadecane (C18)

R.T.: 11.761 min
Delta R.T.: 0.004 min
Response: 1319857
Conc: 10.12 ug/ml



#9 ortho-Terphenyl (SURR)

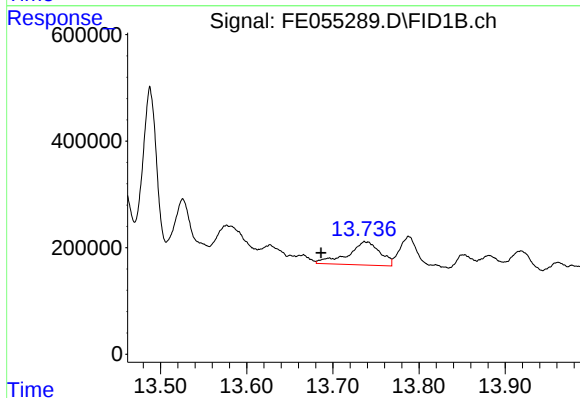
R.T.: 12.093 min
Delta R.T.: 0.009 min
Response: 2775216
Conc: 19.43 ug/ml



#10 n-Eicosane (C20)

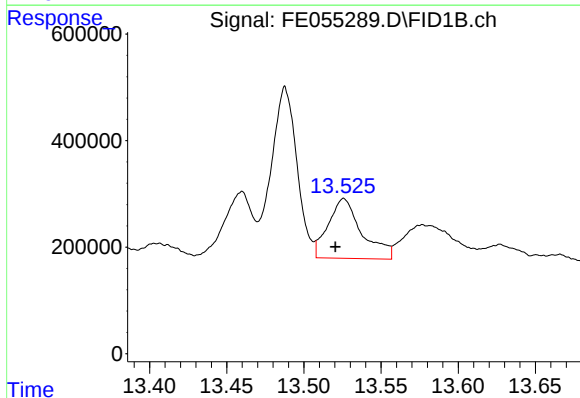
R.T.: 13.079 min
Delta R.T.: 0.006 min
Response: 1466451
Conc: 11.69 ug/ml

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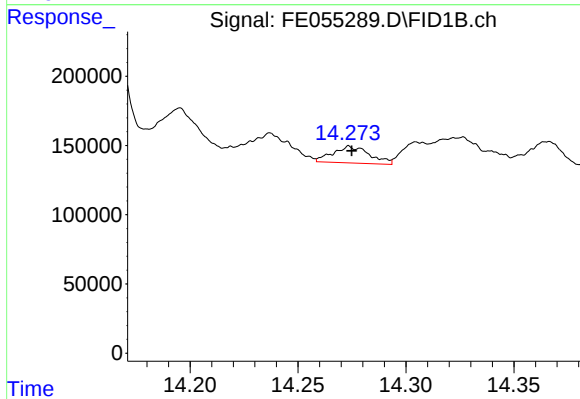
#11 n-Heneicosane (C21)

R.T.: 13.738 min
Delta R.T.: 0.052 min
Response: 1128360
Conc: 9.15 ug/ml



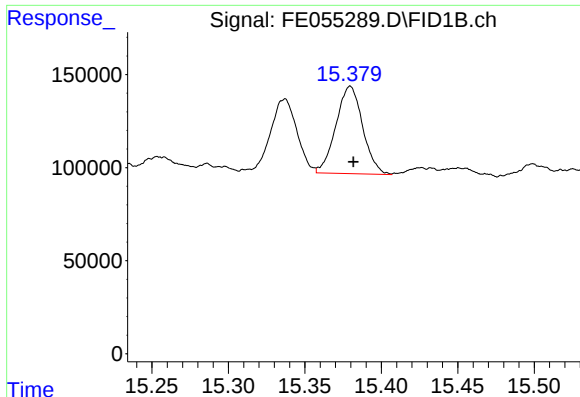
#12 1-chlorooctadecane (SURR)

R.T.: 13.526 min
Delta R.T.: 0.005 min
Response: 1700858
Conc: 15.82 ug/ml



#13 n-Docosane (C22)

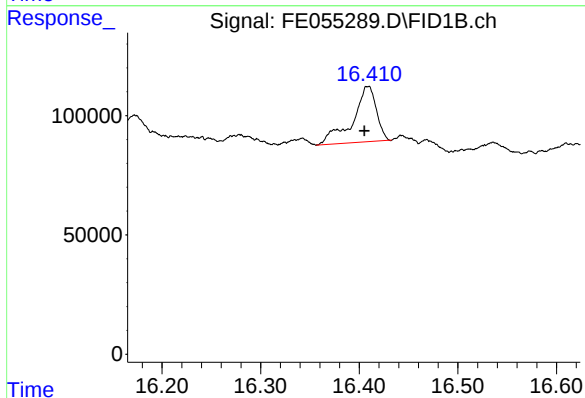
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 142529
Conc: 1.17 ug/ml



#14 n-Tetracosane (C24)

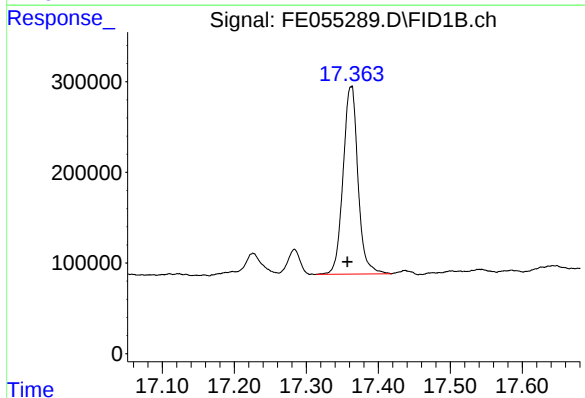
R.T.: 15.380 min
Delta R.T.: -0.002 min
Response: 571333
Conc: 4.70 ug/ml

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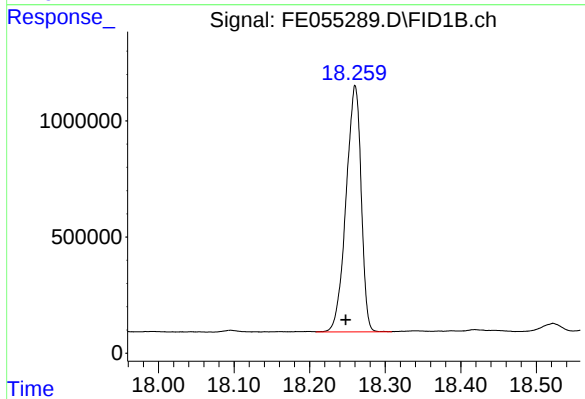
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.004 min
Response: 388380
Conc: 3.25 ug/ml



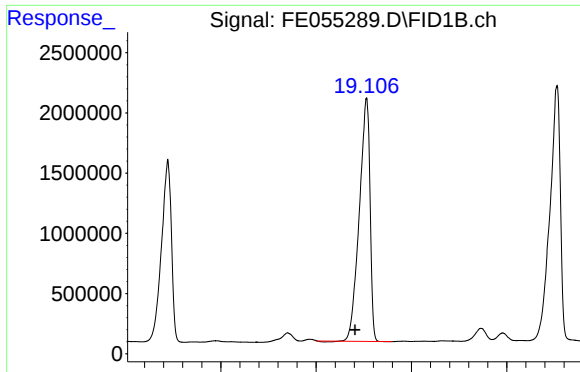
#16 n-Octacosane (C28)

R.T.: 17.362 min
Delta R.T.: 0.005 min
Response: 2978388
Conc: 25.11 ug/ml



#17 n-Tricontane (C30)

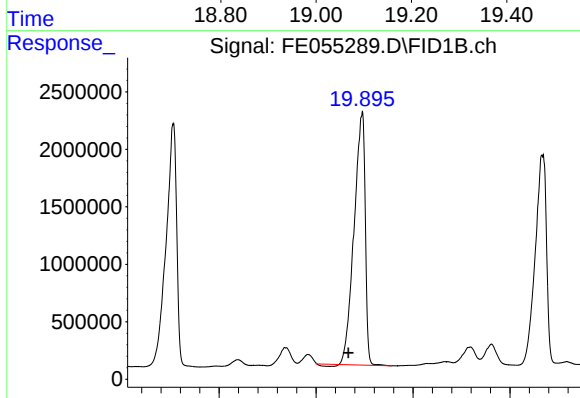
R.T.: 18.260 min
Delta R.T.: 0.012 min
Response: 14734396
Conc: 119.74 ug/ml



#18 n-Dotriacontane (C32)

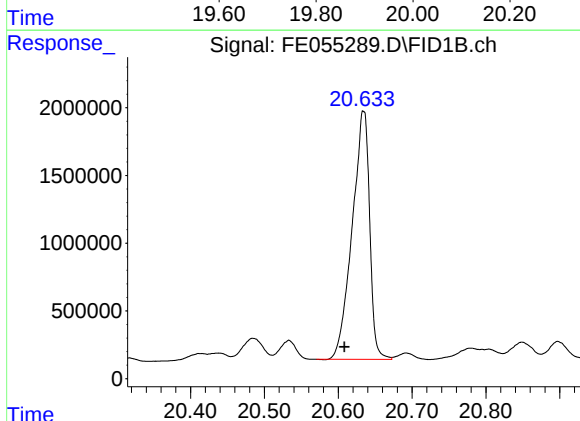
R.T.: 19.105 min
Delta R.T.: 0.024 min
Response: 31664963
Conc: 259.53 ug/ml

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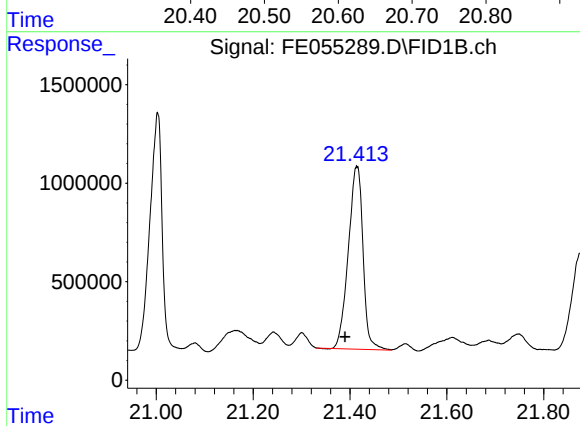
#19 n-Tetratriacontane (C34)

R.T.: 19.894 min
Delta R.T.: 0.027 min
Response: 35142508
Conc: 300.57 ug/ml



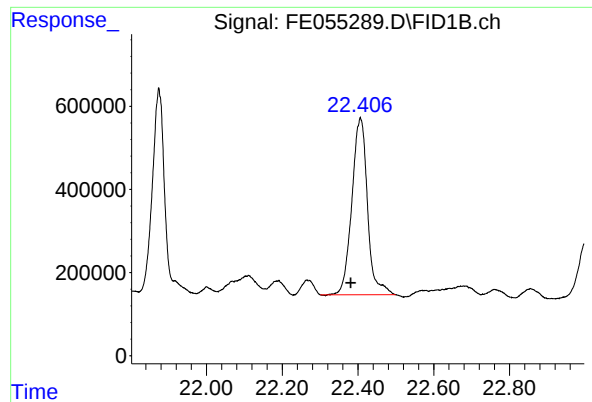
#20 n-Hexatriacontane (C36)

R.T.: 20.634 min
Delta R.T.: 0.026 min
Response: 30125745
Conc: 275.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.414 min
Delta R.T.: 0.024 min
Response: 19516614
Conc: 180.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.406 min
Delta R.T.: 0.026 min
Response: 12163163
Conc: 116.31 ug/ml

Instrument :

FID_E

ClientSampleId :

TP-9-EPHDL