

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
 Data File : FE052546.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2025 21:55
 Operator : YP\AJ
 Sample : PB166905BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166905BSD

Integration File: autoint1.e
 Quant Time: Feb 28 03:26:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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...	13.366	4895842	35.223 ug/ml
Spiked Amount 50.000		Recovery =	70.45%
Target Compounds			
1) T n-Nonane (C9)	3.257	3507946	22.853 ug/ml
2) T n-Decane (C10)	4.518	4498153	28.800 ug/ml
4) T n-Dodecane (C12)	6.701	5301053	33.585 ug/ml
6) T n-Tetradecane (C14)	8.539	5773023	36.651 ug/ml
7) T n-Hexadecane (C16)	10.155	6002349	36.725 ug/ml
8) T n-Octadecane (C18)	11.605	6242531	37.728 ug/ml
11) T n-Heneicosane (C21)	13.535	6283076	40.104 ug/ml
13) T n-Docosane (C22)	14.124	6260574	40.004 ug/ml
14) T n-Tetracosane (C24)	15.231	6215059	39.518 ug/ml
15) T n-Hexacosane (C26)	16.256	6159680	39.768 ug/ml
16) T n-Octacosane (C28)	17.208	5985783	39.133 ug/ml
17) T n-Tricontane (C30)	18.098	6253941	40.064 ug/ml
18) T n-Dotriacontane (C32)	18.933	6279500	41.037 ug/ml
19) T n-Tetratriacontane (C34)	19.719	6291203	44.223 ug/ml
20) T n-Hexatriacontane (C36)	20.461	6133747	49.213 ug/ml
21) T n-Octatriacontane (C38)	21.205	6091001	55.726 ug/ml
22) T n-Tetracontane (C40)	22.131	6065302	60.298 ug/ml

(f)=RT Delta > 1/2 Window

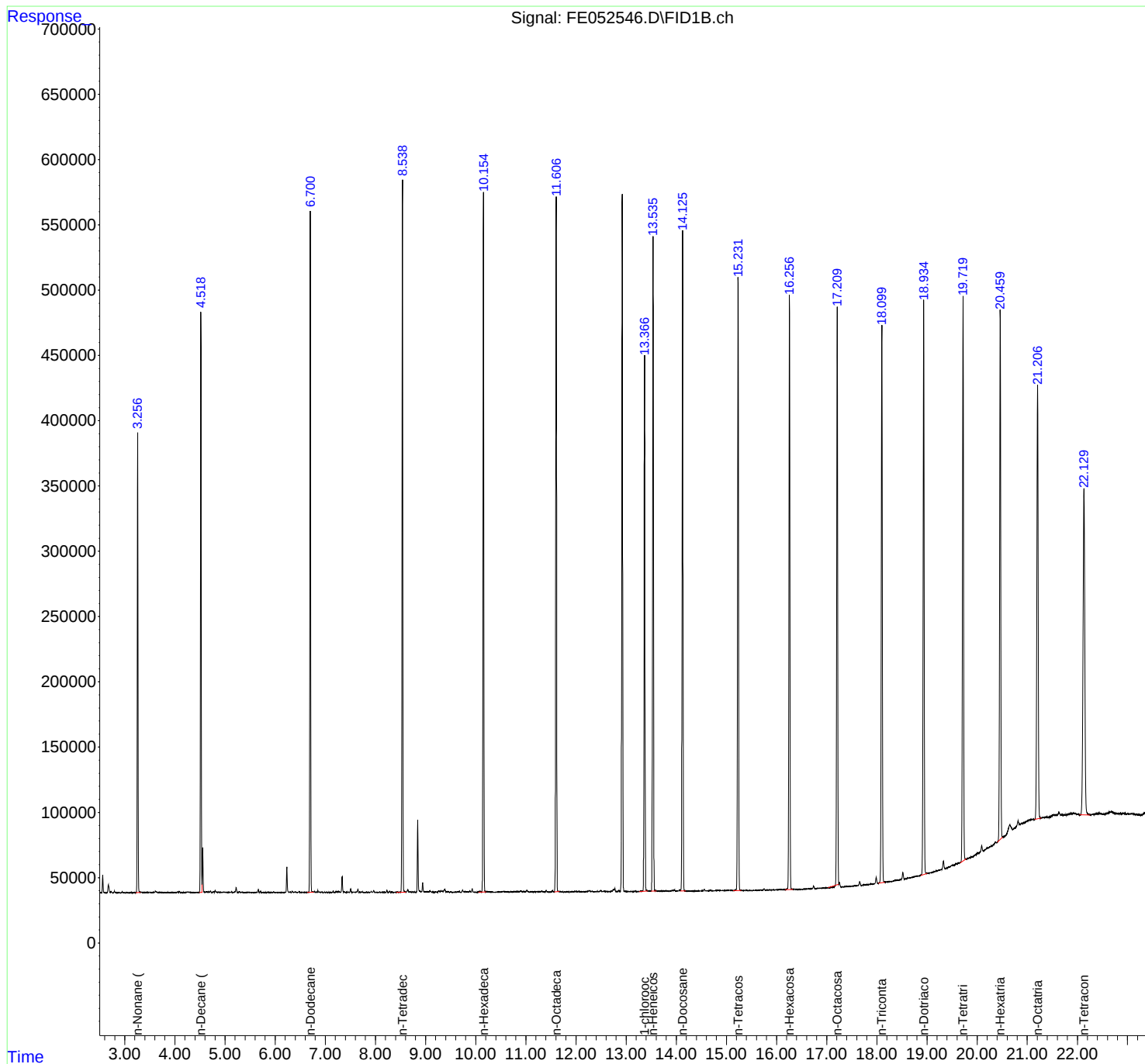
(m)=manual int.

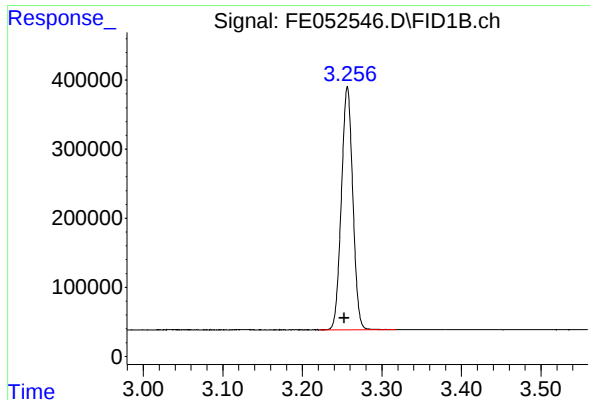
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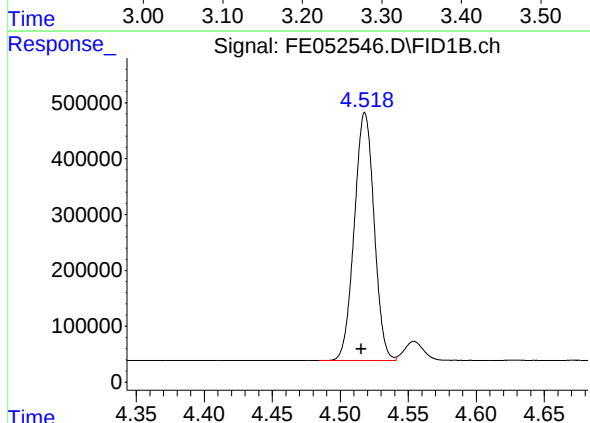




#1 n-Nonane (C9)

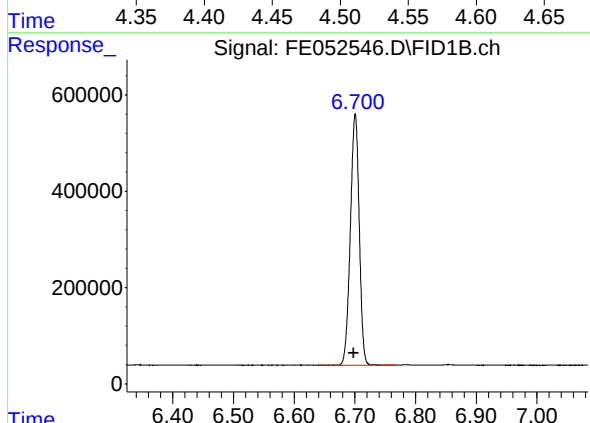
R.T.: 3.257 min
Delta R.T.: 0.004 min
Response: 3507946
Conc: 22.85 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166905BSD



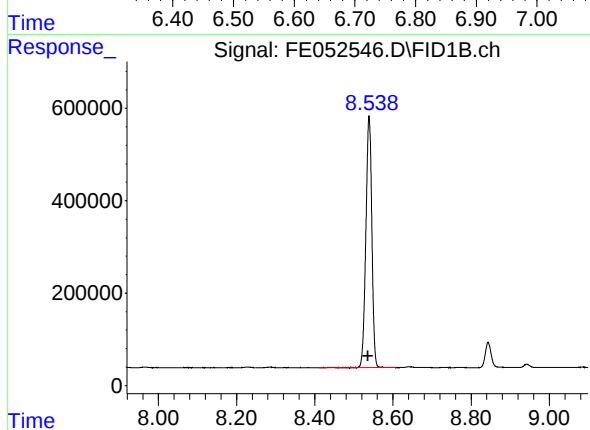
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.003 min
Response: 4498153
Conc: 28.80 ug/ml



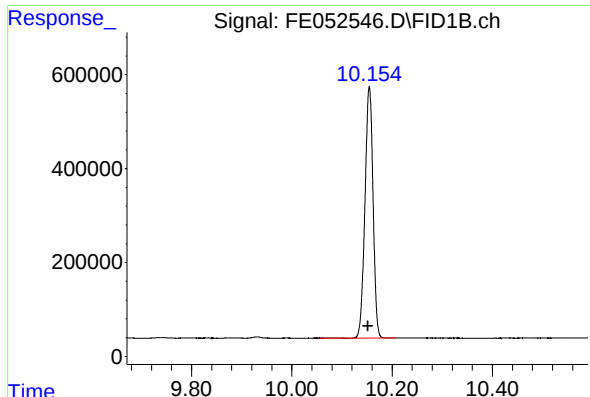
#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: 0.002 min
Response: 5301053
Conc: 33.58 ug/ml



#6 n-Tetradecane (C14)

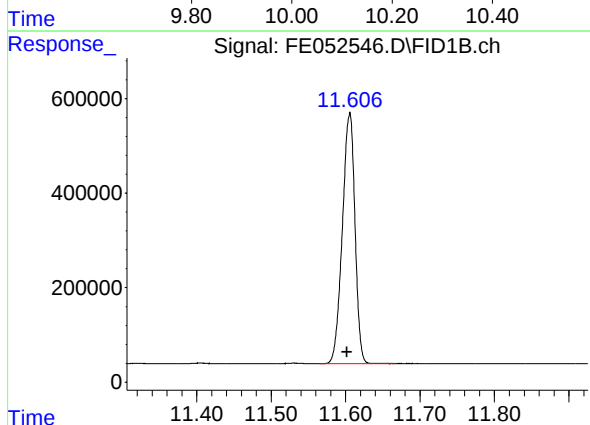
R.T.: 8.539 min
Delta R.T.: 0.003 min
Response: 5773023
Conc: 36.65 ug/ml



#7 n-Hexadecane (C16)

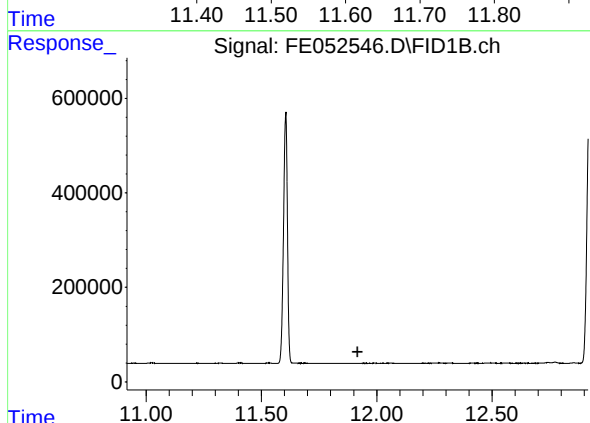
R.T.: 10.155 min
Delta R.T.: 0.003 min
Response: 6002349
Conc: 36.73 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166905BSD



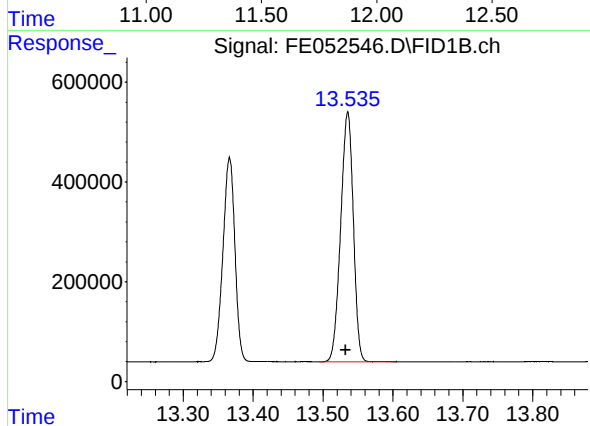
#8 n-Octadecane (C18)

R.T.: 11.605 min
Delta R.T.: 0.003 min
Response: 6242531
Conc: 37.73 ug/ml



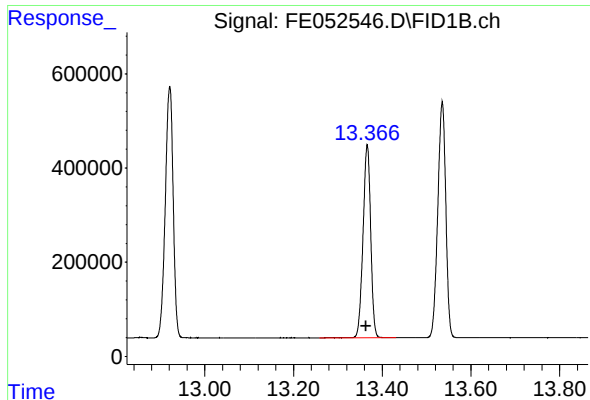
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.917 min
Response: 0
Conc: N.D.



#11 n-Heneicosane (C21)

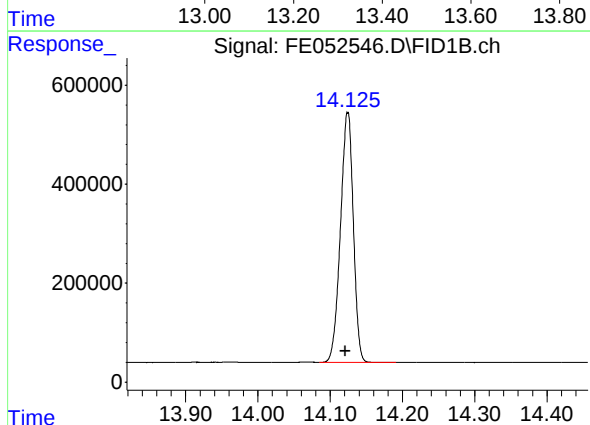
R.T.: 13.535 min
Delta R.T.: 0.003 min
Response: 6283076
Conc: 40.10 ug/ml



#12 1-chlorooctadecane (SURR)

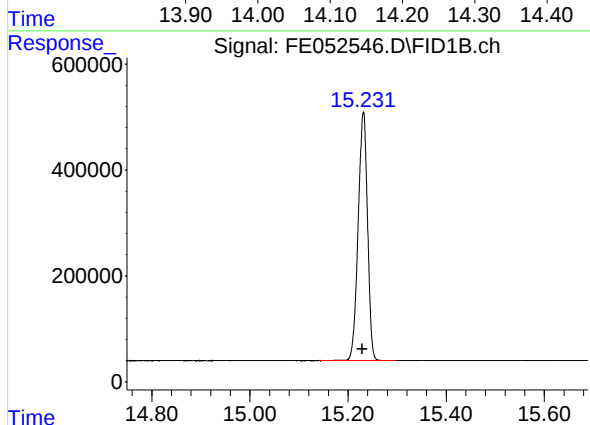
R.T.: 13.366 min
Delta R.T.: 0.002 min
Response: 4895842
Conc: 35.22 ug/ml

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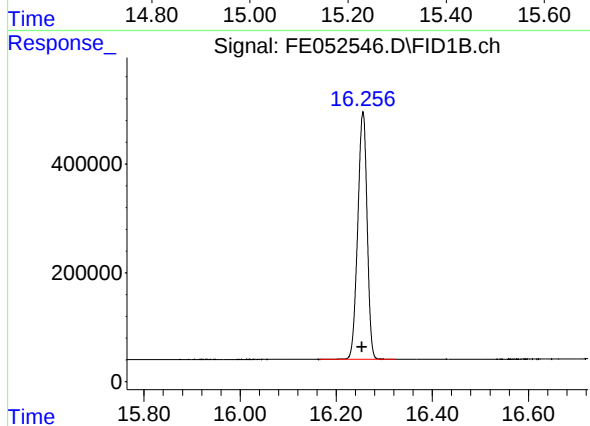
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: 0.003 min
Response: 6260574
Conc: 40.00 ug/ml



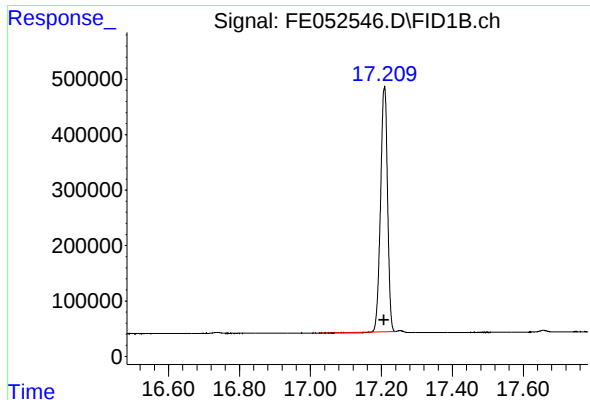
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: 0.002 min
Response: 6215059
Conc: 39.52 ug/ml



#15 n-Hexacosane (C26)

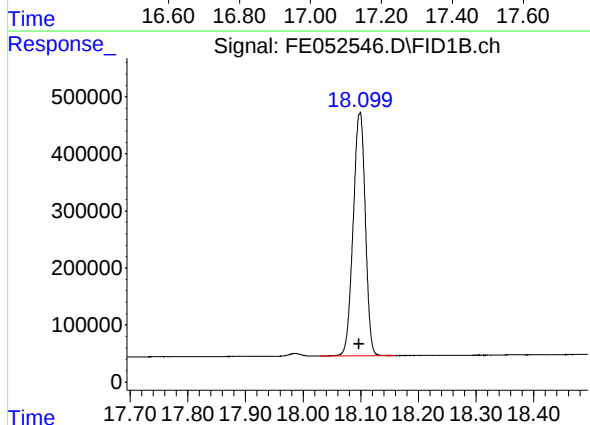
R.T.: 16.256 min
Delta R.T.: 0.002 min
Response: 6159680
Conc: 39.77 ug/ml



#16 n-Octacosane (C28)

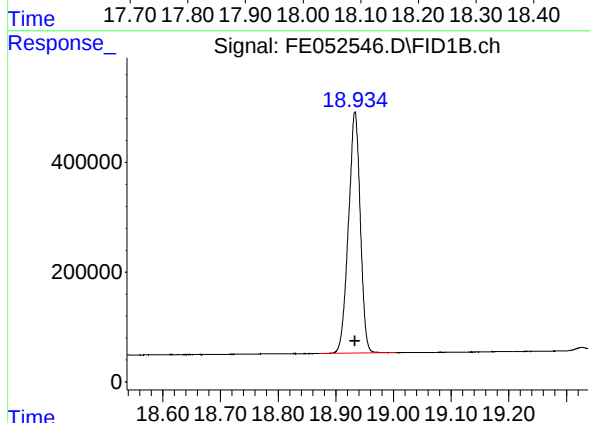
R.T.: 17.208 min
Delta R.T.: 0.000 min
Response: 5985783
Conc: 39.13 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166905BSD



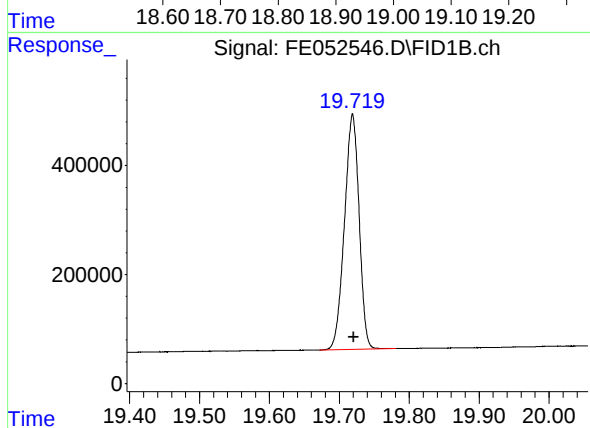
#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: 0.000 min
Response: 6253941
Conc: 40.06 ug/ml



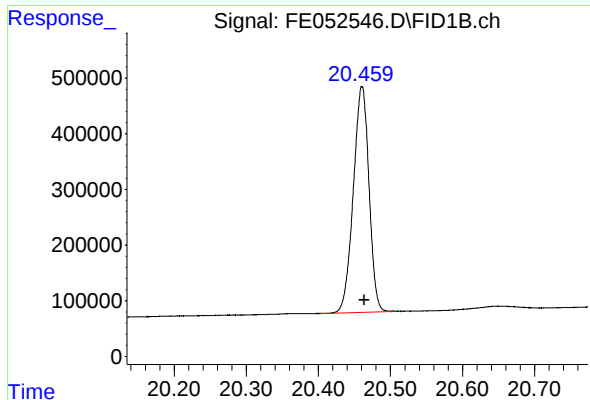
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 6279500
Conc: 41.04 ug/ml



#19 n-Tetratriacontane (C34)

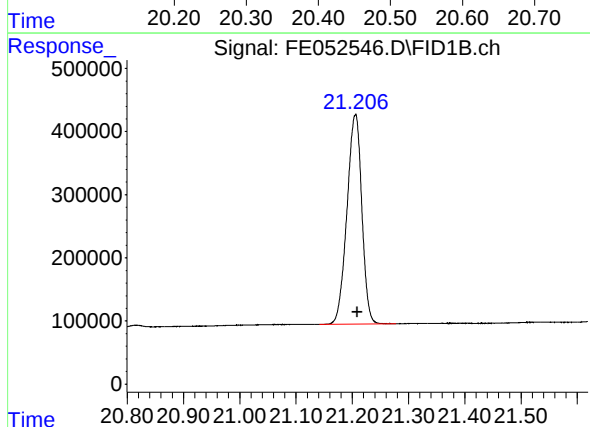
R.T.: 19.719 min
Delta R.T.: -0.002 min
Response: 6291203
Conc: 44.22 ug/ml



#20 n-Hexatriacontane (C36)

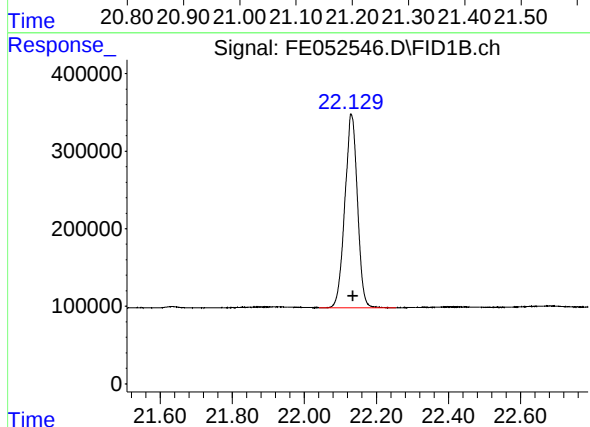
R.T.: 20.461 min
Delta R.T.: -0.003 min
Response: 6133747
Conc: 49.21 ug/ml

Instrument :
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#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: -0.004 min
Response: 6091001
Conc: 55.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: -0.004 min
Response: 6065302
Conc: 60.30 ug/ml