

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060925AL\
 Data File : FE054245.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2025 14:40
 Operator : YP\AJ
 Sample : Q2223-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HR-01-06042025

Integration File: autoint1.e
 Quant Time: Jun 10 03:07:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.840	6306681	38.807 ug/ml
Spiked Amount 50.000		Recovery =	77.61%
12) S 1-chlorooctadecane (S...	13.285	4459324	37.616 ug/ml
Spiked Amount 50.000		Recovery =	75.23%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.184	100194	0.697 ug/ml
4) T n-Dodecane (C12)	6.628	360111	2.640 ug/ml
5) T A~2-methylnaphthalene...	7.308	195256	1.408 ug/ml
6) T n-Tetradecane (C14)	8.463	2311916	17.132 ug/ml
7) T n-Hexadecane (C16)	10.077	2632556	19.510 ug/ml
8) T n-Octadecane (C18)	11.524	2100558	15.599 ug/ml
10) T n-Eicosane (C20)	12.837	1652025	12.570 ug/ml
11) T n-Heneicosane (C21)	13.451	1162185	8.964 ug/ml
13) T n-Docosane (C22)	14.038	732202	5.739 ug/ml
14) T n-Tetracosane (C24)	15.143	247615	1.979 ug/ml
15) T n-Hexacosane (C26)	16.167	132161	1.079 ug/ml
16) T n-Octacosane (C28)	17.121	145984	1.201 ug/ml
17) T n-Tricontane (C30)	18.008	195545	1.570 ug/ml
18) T n-Dotriacontane (C32)	18.846	114783	0.918 ug/ml
19) T n-Tetratriacontane (C34)	19.650	209293	1.757 ug/ml
20) T n-Hexatriacontane (C36)	20.377	112632	0.973 ug/ml
21) T n-Octatriacontane (C38)	21.107	116488	1.070 ug/ml
22) T n-Tetracontane (C40)	22.005	242060	2.439 ug/ml

(f)=RT Delta > 1/2 Window

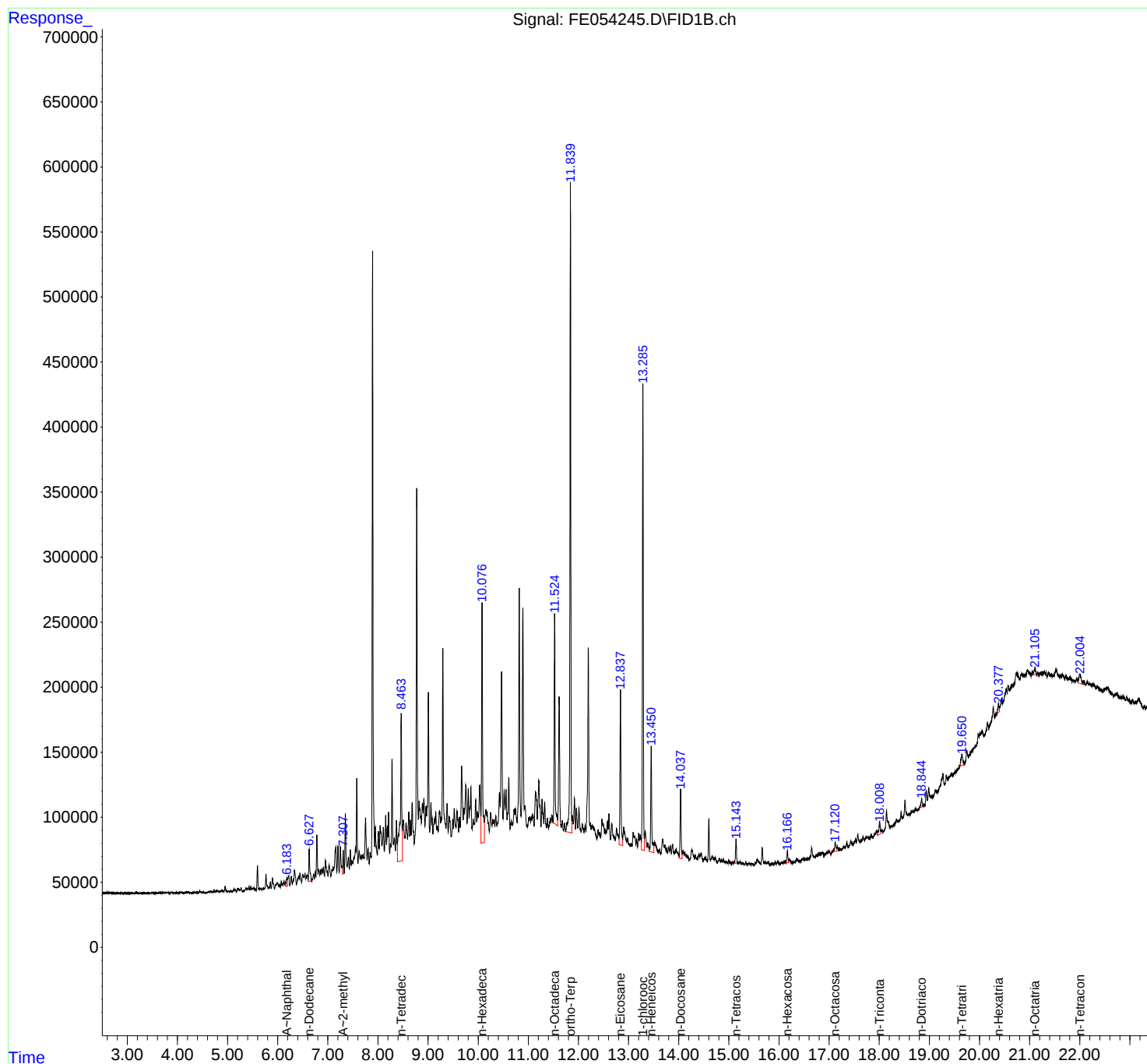
(m)=manual int.

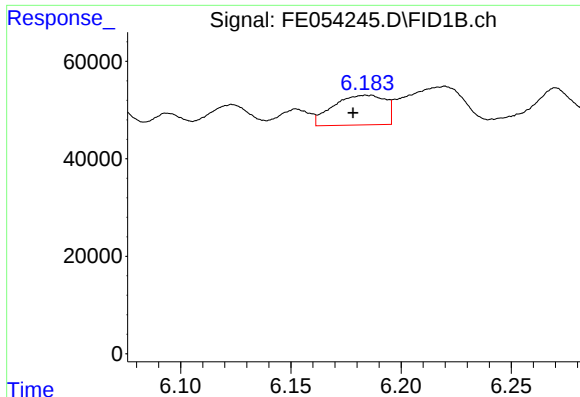
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060925AL\
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Signal Info : 20M x 0.18mm x 0.18um

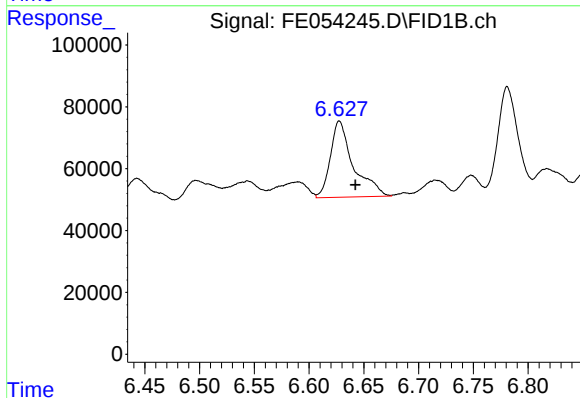




#3 A~Naphthalene (C11.7)

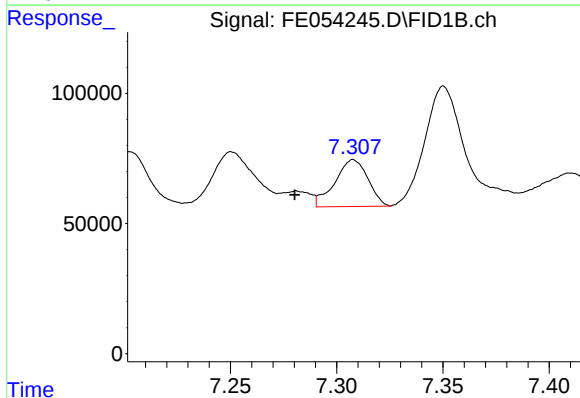
R.T.: 6.184 min
Delta R.T.: 0.006 min
Response: 100194
Conc: 0.70 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-01-06042025



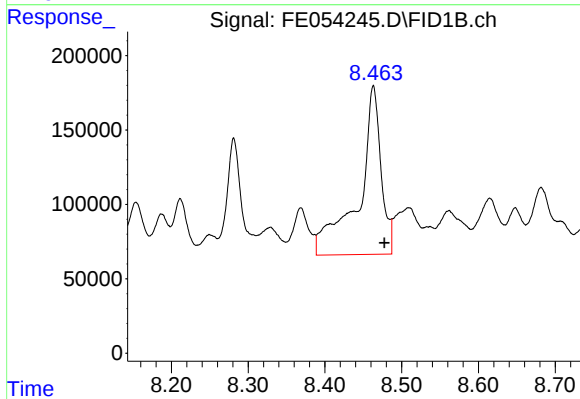
#4 n-Dodecane (C12)

R.T.: 6.628 min
Delta R.T.: -0.014 min
Response: 360111
Conc: 2.64 ug/ml



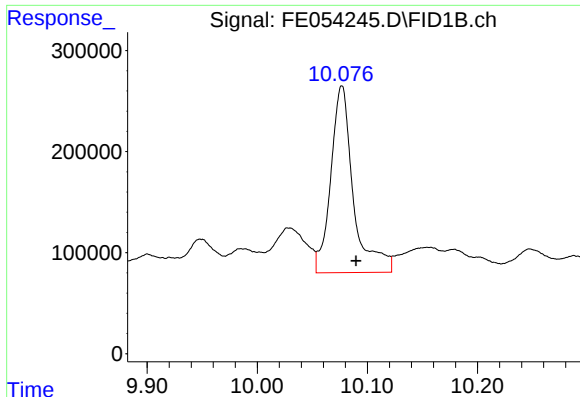
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.308 min
Delta R.T.: 0.028 min
Response: 195256
Conc: 1.41 ug/ml



#6 n-Tetradecane (C14)

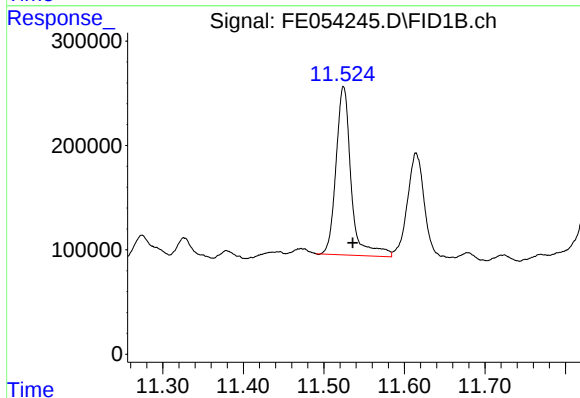
R.T.: 8.463 min
Delta R.T.: -0.014 min
Response: 2311916
Conc: 17.13 ug/ml



#7 n-Hexadecane (C16)

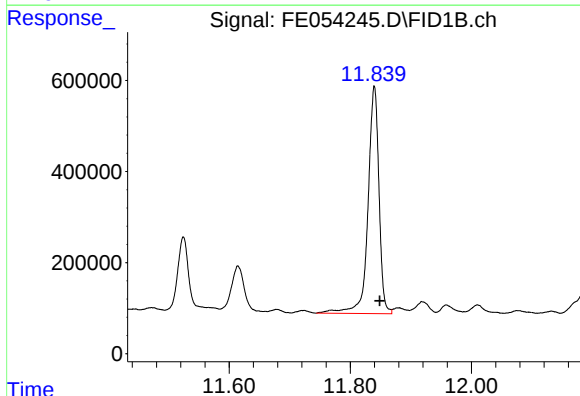
R.T.: 10.077 min
Delta R.T.: -0.013 min
Response: 2632556
Conc: 19.51 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-01-06042025



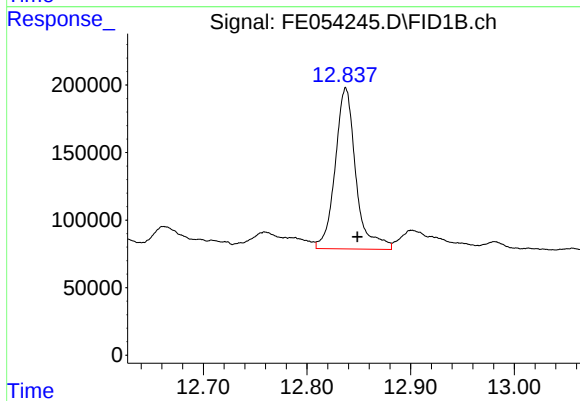
#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.011 min
Response: 2100558
Conc: 15.60 ug/ml



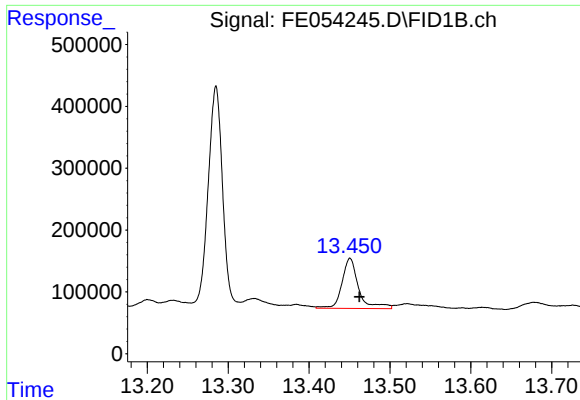
#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: -0.009 min
Response: 6306681
Conc: 38.81 ug/ml



#10 n-Eicosane (C20)

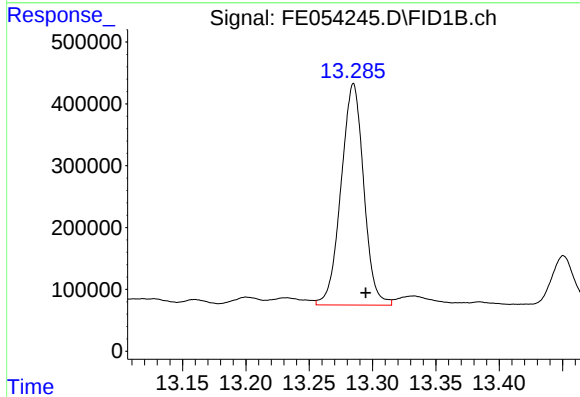
R.T.: 12.837 min
Delta R.T.: -0.011 min
Response: 1652025
Conc: 12.57 ug/ml



#11 n-Heneicosane (C21)

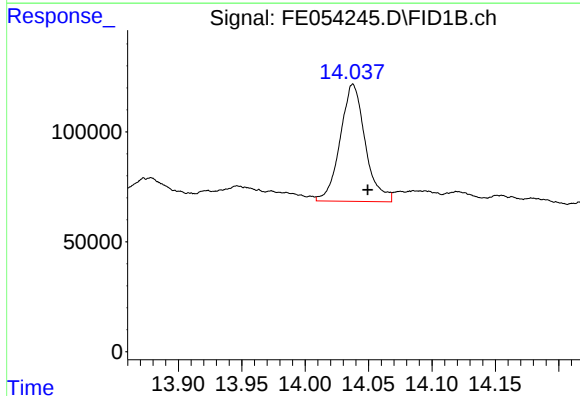
R.T.: 13.451 min
Delta R.T.: -0.012 min
Response: 1162185
Conc: 8.96 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-01-06042025



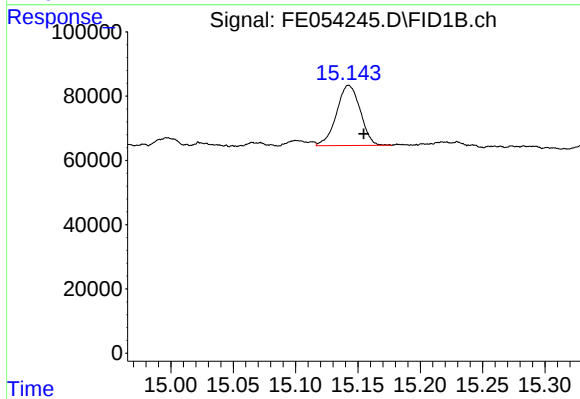
#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: -0.010 min
Response: 4459324
Conc: 37.62 ug/ml



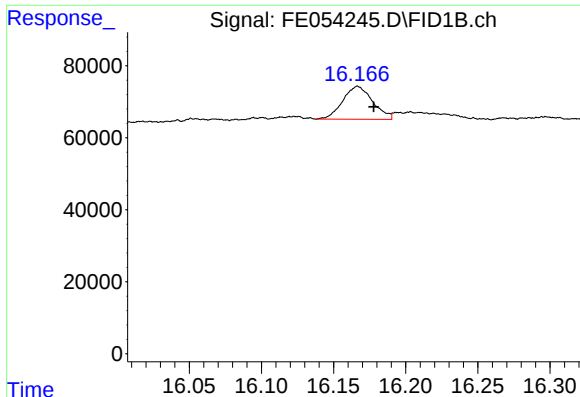
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.012 min
Response: 732202
Conc: 5.74 ug/ml



#14 n-Tetracosane (C24)

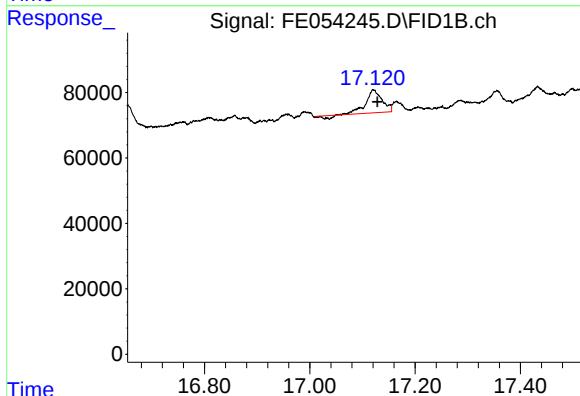
R.T.: 15.143 min
Delta R.T.: -0.012 min
Response: 247615
Conc: 1.98 ug/ml



#15 n-Hexacosane (C26)

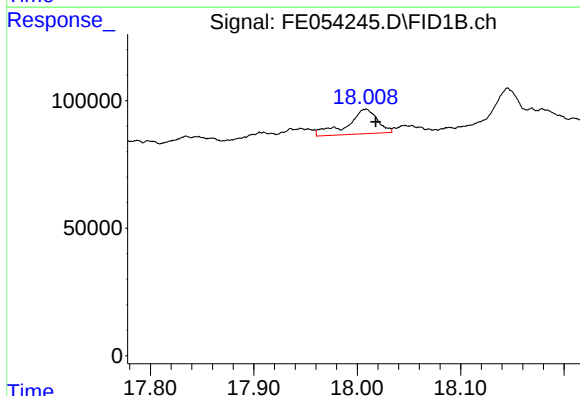
R.T.: 16.167 min
Delta R.T.: -0.011 min
Response: 132161
Conc: 1.08 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-01-06042025



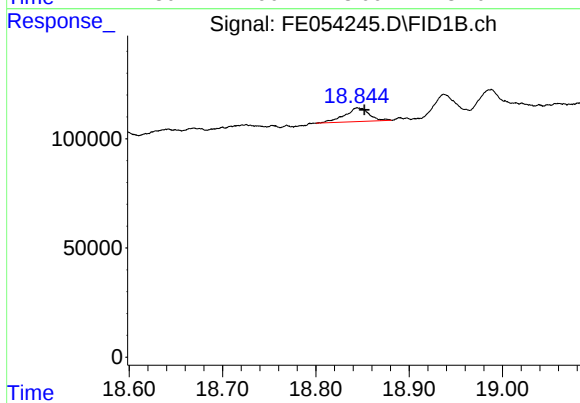
#16 n-Octacosane (C28)

R.T.: 17.121 min
Delta R.T.: -0.008 min
Response: 145984
Conc: 1.20 ug/ml



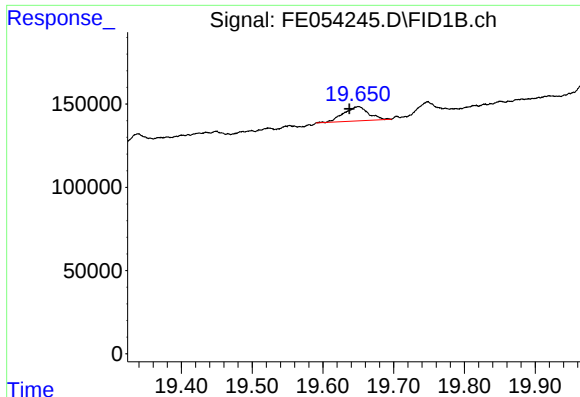
#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: -0.010 min
Response: 195545
Conc: 1.57 ug/ml



#18 n-Dotriacontane (C32)

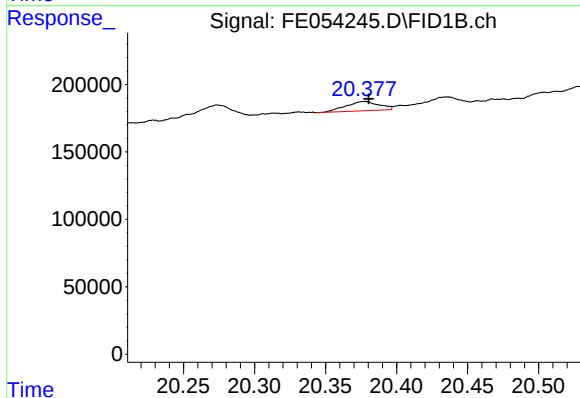
R.T.: 18.846 min
Delta R.T.: -0.006 min
Response: 114783
Conc: 0.92 ug/ml



#19 n-Tetratriacontane (C34)

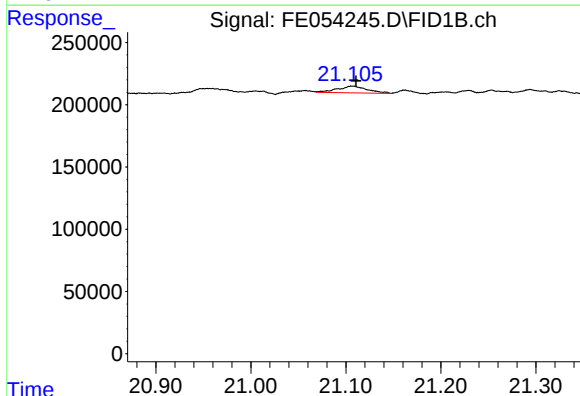
R.T.: 19.650 min
Delta R.T.: 0.012 min
Response: 209293
Conc: 1.76 ug/ml

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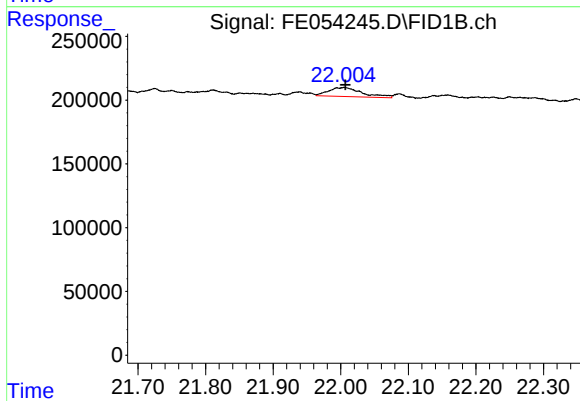
#20 n-Hexatriacontane (C36)

R.T.: 20.377 min
Delta R.T.: -0.003 min
Response: 112632
Conc: 0.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: -0.004 min
Response: 116488
Conc: 1.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: -0.001 min
Response: 242060
Conc: 2.44 ug/ml