

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049877.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2024 07:28
 Operator : YP\AJ
 Sample : P3788-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-082924

Integration File: autoint1.e
 Quant Time: Aug 31 07:56:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 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)	11.878	3810091	23.561 ug/ml
Spiked Amount 50.000		Recovery =	47.12%
12) S 1-chlorooctadecane (S...	13.313	3587557	29.405 ug/ml
Spiked Amount 50.000		Recovery =	58.81%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.232	135206	0.843 ug/ml
4) T n-Dodecane (C12)	6.685	239916	1.526 ug/ml
5) T A~2-methylnaphthalene...	7.325	299272	1.998 ug/ml
6) T n-Tetradecane (C14)	8.511	434755	2.816 ug/ml
7) T n-Hexadecane (C16)	10.116	441798	2.829 ug/ml
8) T n-Octadecane (C18)	11.557	196952	1.254 ug/ml
10) T n-Eicosane (C20)	12.865	250648	1.679 ug/ml
11) T n-Heneicosane (C21)	13.477	129466	0.883 ug/ml
13) T n-Docosane (C22)	14.064	34520	0.237 ug/ml
14) T n-Tetracosane (C24)	15.153	1649744	11.341 ug/ml
15) T n-Hexacosane (C26)	16.185	134414	0.931 ug/ml
16) T n-Octacosane (C28)	17.157	1224605	8.502 ug/ml
17) T n-Tricontane (C30)	18.021	629782	4.207 ug/ml
18) T n-Dotriacontane (C32)	18.852	410626	2.714 ug/ml
19) T n-Tetratriacontane (C34)	19.640	459371	3.005 ug/ml
20) T n-Hexatriacontane (C36)	20.377	164248	1.082 ug/ml
21) T n-Octatriacontane (C38)	21.105	239701	1.527 ug/ml
22) T n-Tetracontane (C40)	21.997	259519	1.700 ug/ml

(f)=RT Delta > 1/2 Window

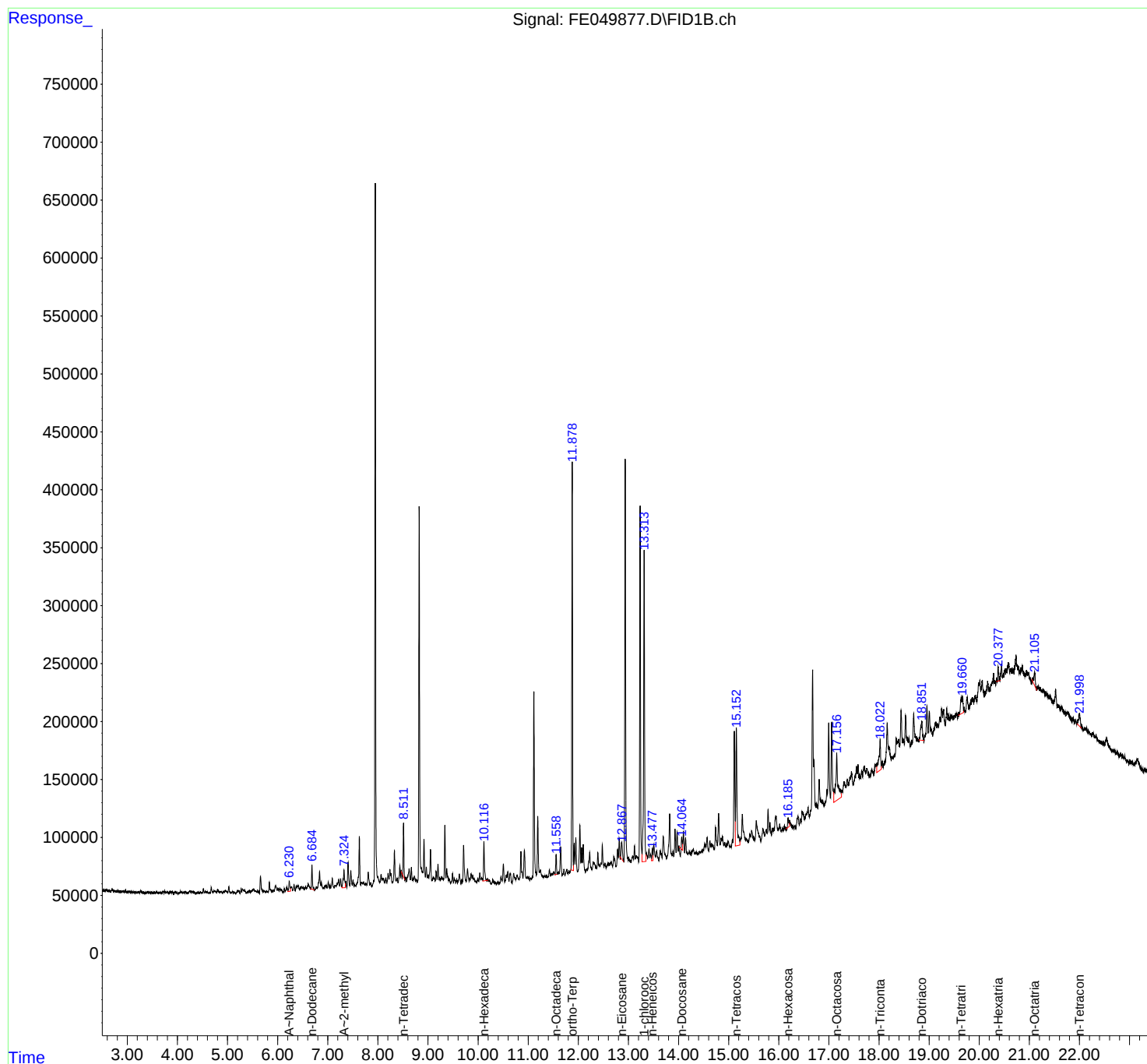
(m)=manual int.

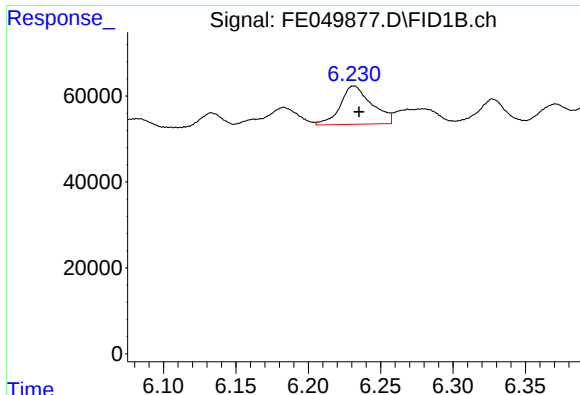
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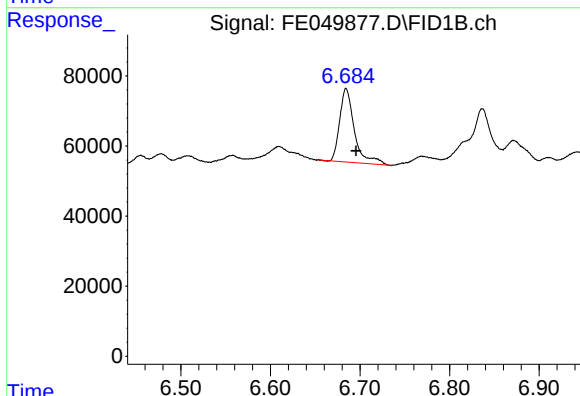




#3 A~Naphthalene (C11.7)

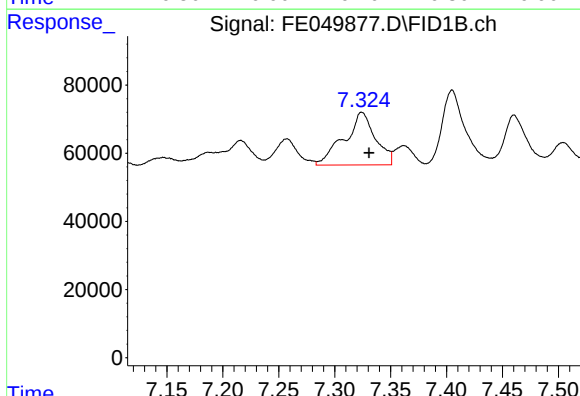
R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 135206
Conc: 0.84 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-082924



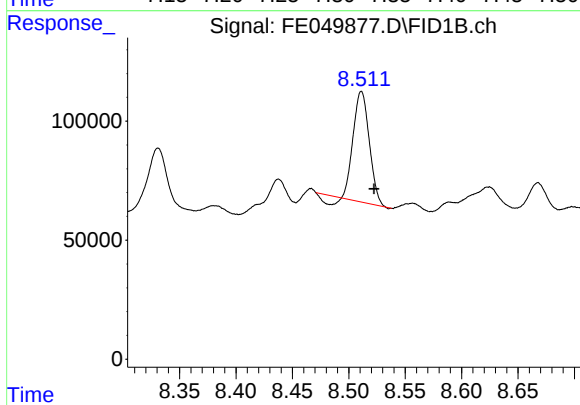
#4 n-Dodecane (C12)

R.T.: 6.685 min
Delta R.T.: -0.011 min
Response: 239916
Conc: 1.53 ug/ml



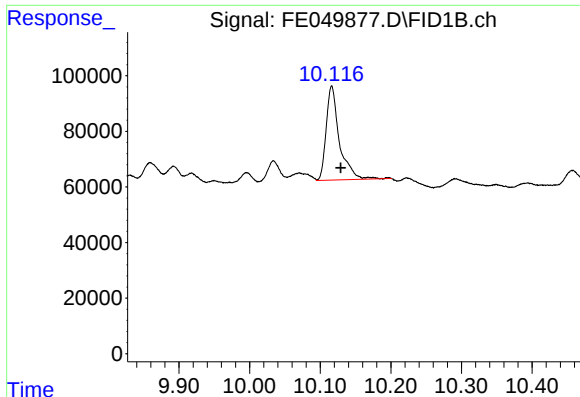
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.325 min
Delta R.T.: -0.006 min
Response: 299272
Conc: 2.00 ug/ml



#6 n-Tetradecane (C14)

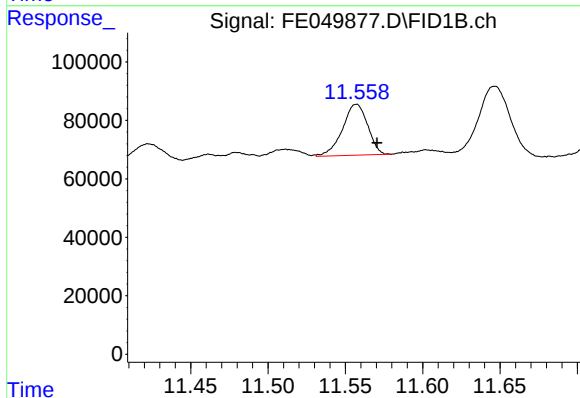
R.T.: 8.511 min
Delta R.T.: -0.011 min
Response: 434755
Conc: 2.82 ug/ml



#7 n-Hexadecane (C16)

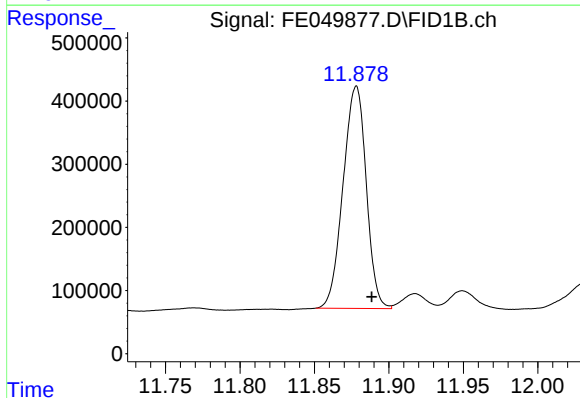
R.T.: 10.116 min
Delta R.T.: -0.012 min
Response: 441798
Conc: 2.83 ug/ml

Instrument :
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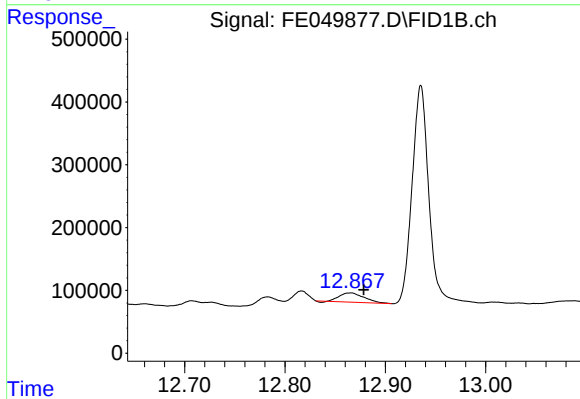
#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.013 min
Response: 196952
Conc: 1.25 ug/ml



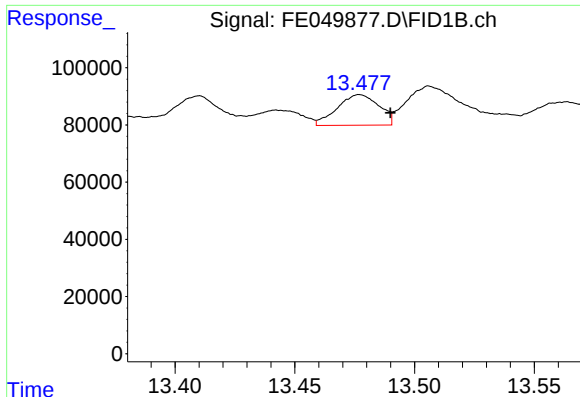
#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min
Delta R.T.: -0.011 min
Response: 3810091
Conc: 23.56 ug/ml



#10 n-Eicosane (C20)

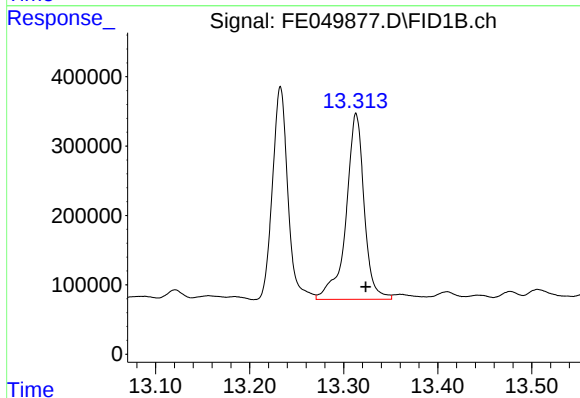
R.T.: 12.865 min
Delta R.T.: -0.014 min
Response: 250648
Conc: 1.68 ug/ml



#11 n-Heneicosane (C21)

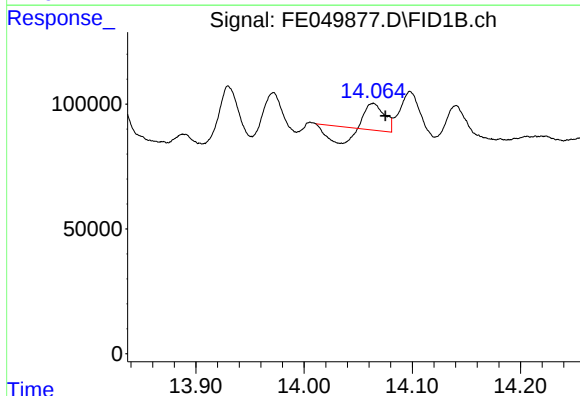
R.T.: 13.477 min
Delta R.T.: -0.013 min
Response: 129466
Conc: 0.88 ug/ml

Instrument :
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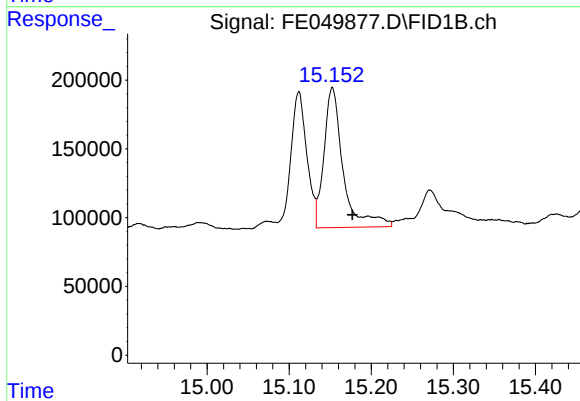
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.010 min
Response: 3587557
Conc: 29.40 ug/ml



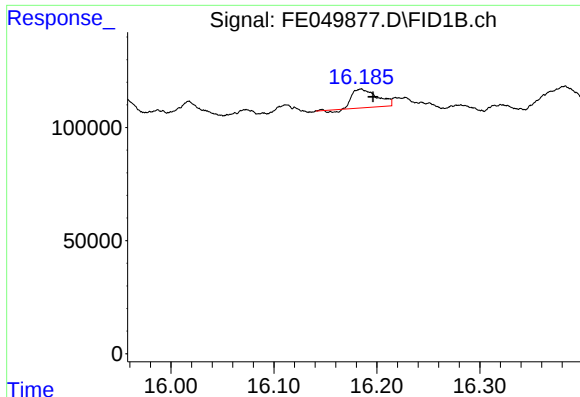
#13 n-Docosane (C22)

R.T.: 14.064 min
Delta R.T.: -0.011 min
Response: 34520
Conc: 0.24 ug/ml



#14 n-Tetracosane (C24)

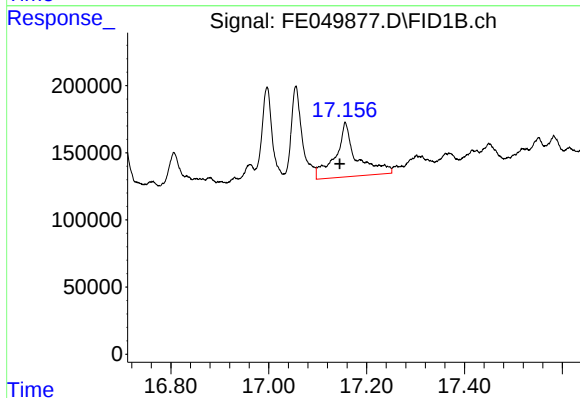
R.T.: 15.153 min
Delta R.T.: -0.024 min
Response: 1649744
Conc: 11.34 ug/ml



#15 n-Hexacosane (C26)

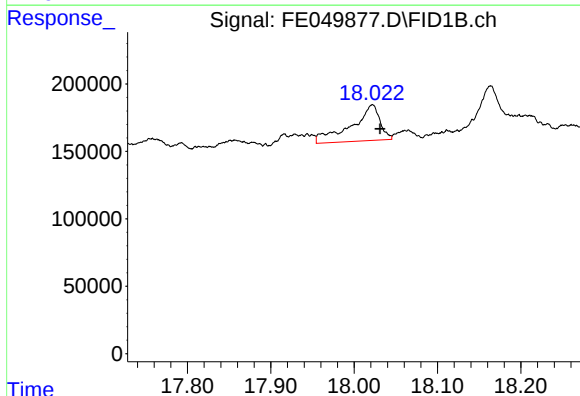
R.T.: 16.185 min
Delta R.T.: -0.012 min
Response: 134414
Conc: 0.93 ug/ml

Instrument :
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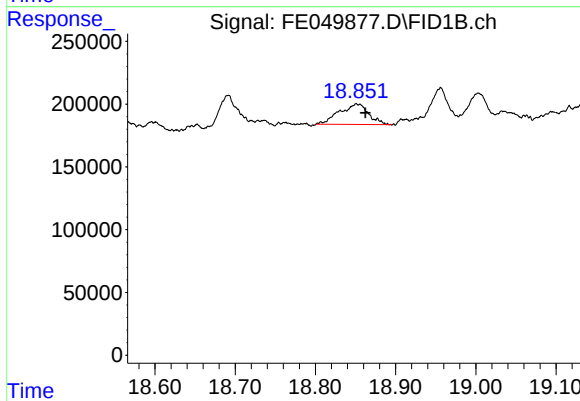
#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: 0.012 min
Response: 1224605
Conc: 8.50 ug/ml



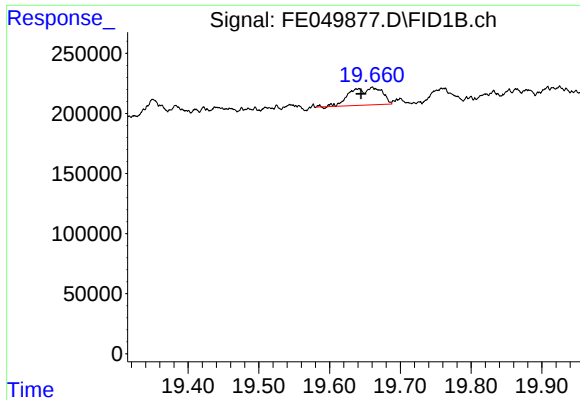
#17 n-Tricontane (C30)

R.T.: 18.021 min
Delta R.T.: -0.010 min
Response: 629782
Conc: 4.21 ug/ml



#18 n-Dotriacontane (C32)

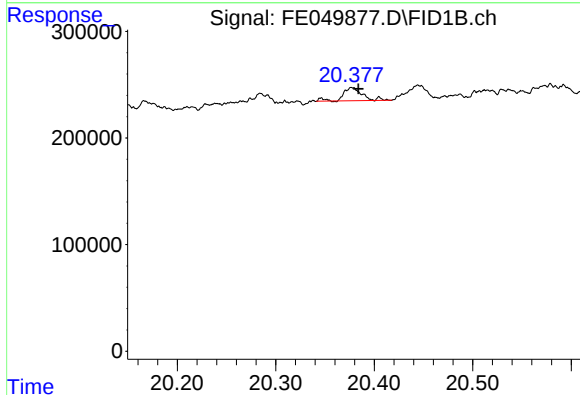
R.T.: 18.852 min
Delta R.T.: -0.010 min
Response: 410626
Conc: 2.71 ug/ml



#19 n-Tetratriacontane (C34)

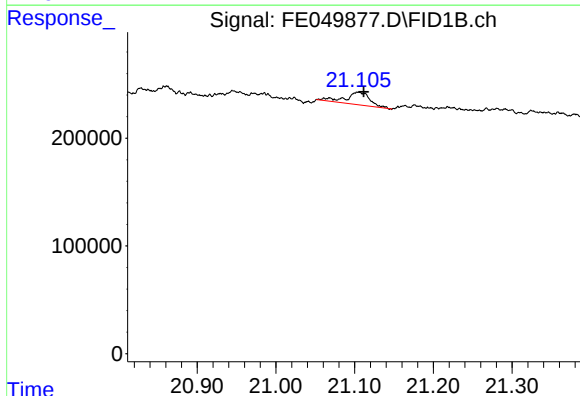
R.T.: 19.640 min
Delta R.T.: -0.004 min
Response: 459371
Conc: 3.00 ug/ml

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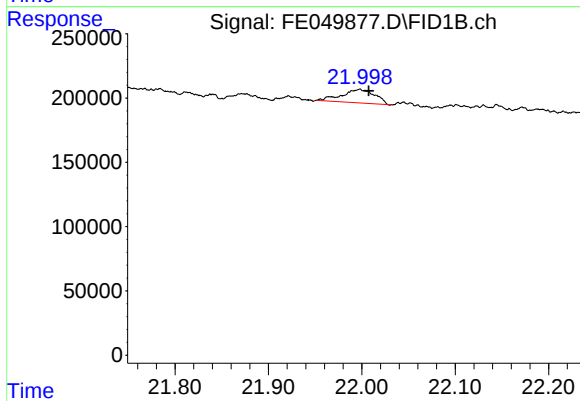
#20 n-Hexatriacontane (C36)

R.T.: 20.377 min
Delta R.T.: -0.007 min
Response: 164248
Conc: 1.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.007 min
Response: 239701
Conc: 1.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.010 min
Response: 259519
Conc: 1.70 ug/ml