

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055182.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 17:27
 Operator : YP\AJ
 Sample : Q2779-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-5

Integration File: autoint1.e
 Quant Time: Aug 08 01:07:33 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)	12.085	4793689	33.568 ug/ml
Spiked Amount 50.000		Recovery =	67.14%
12) S 1-chlorooctadecane (S...	13.521	4078656	37.933 ug/ml
Spiked Amount 50.000		Recovery =	75.87%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.401	78198	0.583 ug/ml
5) T A~2-methylnaphthalene...	7.501	42847	0.329 ug/ml
6) T n-Tetradecane (C14)	8.696	43117	0.352 ug/ml
7) T n-Hexadecane (C16)	10.327	79396	0.621 ug/ml
8) T n-Octadecane (C18)	11.755	50387	0.386 ug/ml
10) T n-Eicosane (C20)	13.067	129134	1.029 ug/ml
11) T n-Heneicosane (C21)	13.684	37073	0.301 ug/ml
13) T n-Docosane (C22)	14.274	118630	0.971 ug/ml
14) T n-Tetracosane (C24)	15.372	1302898	10.712 ug/ml
15) T n-Hexacosane (C26)	16.405	88742	0.742 ug/ml
16) T n-Octacosane (C28)	17.378	444309	3.746 ug/ml
17) T n-Tricontane (C30)	18.245	340047	2.764 ug/ml
18) T n-Dotriacontane (C32)	19.080	204398	1.675 ug/ml
19) T n-Tetratriacontane (C34)	19.864	109606	0.937 ug/ml
20) T n-Hexatriacontane (C36)	20.606	124113	1.136 ug/ml
21) T n-Octatriacontane (C38)	21.390	114849	1.063 ug/ml
22) T n-Tetracontane (C40)	22.374	80826	0.773 ug/ml

(f)=RT Delta > 1/2 Window

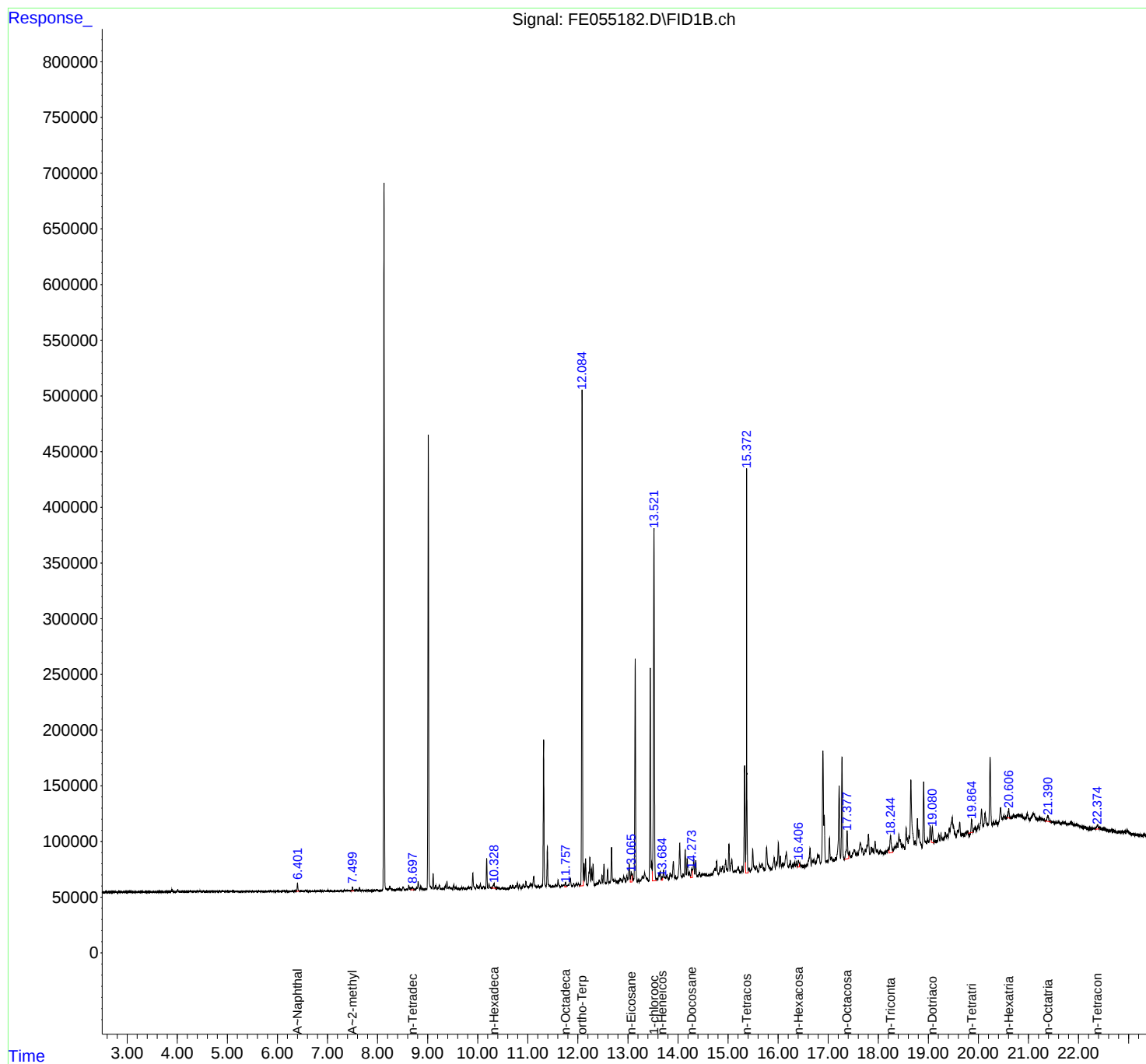
(m)=manual int.

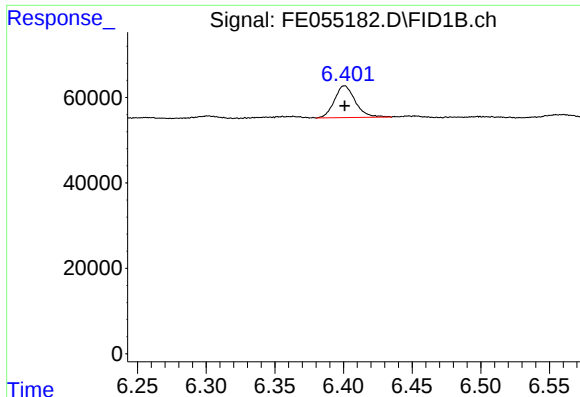
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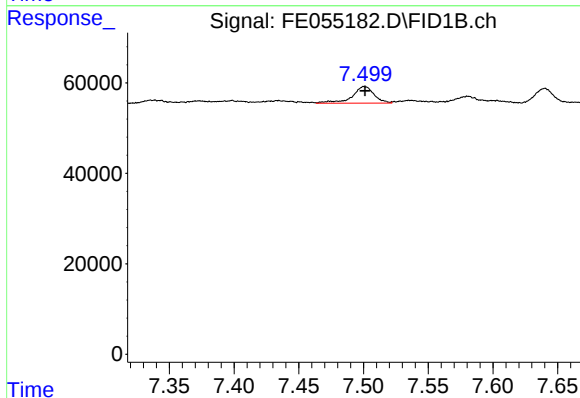




#3 A~Naphthalene (C11.7)

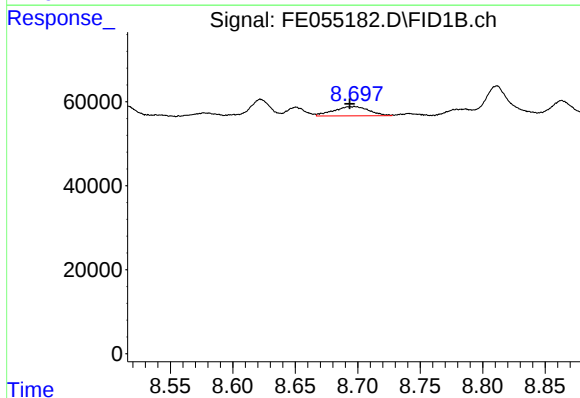
R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 78198
Conc: 0.58 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-5



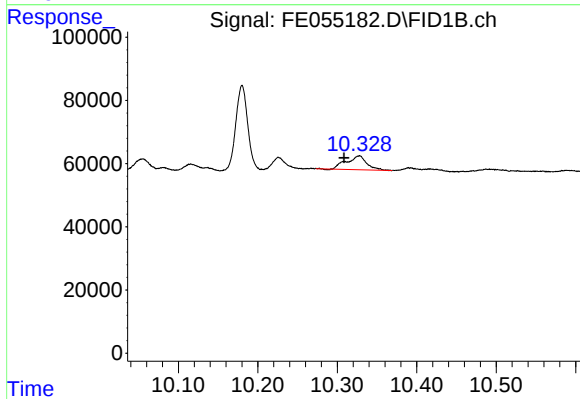
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 42847
Conc: 0.33 ug/ml



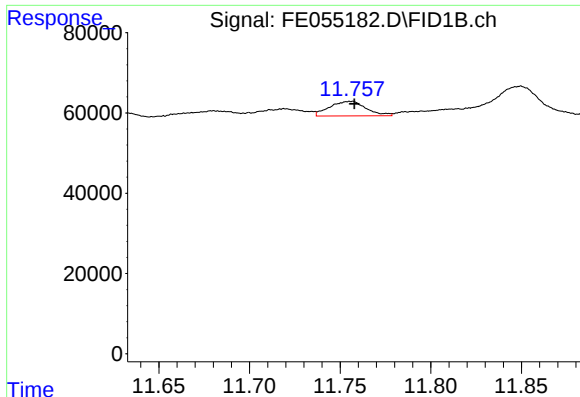
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.003 min
Response: 43117
Conc: 0.35 ug/ml



#7 n-Hexadecane (C16)

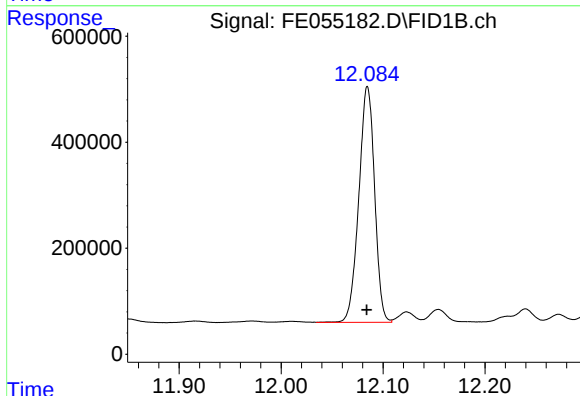
R.T.: 10.327 min
Delta R.T.: 0.019 min
Response: 79396
Conc: 0.62 ug/ml



#8 n-Octadecane (C18)

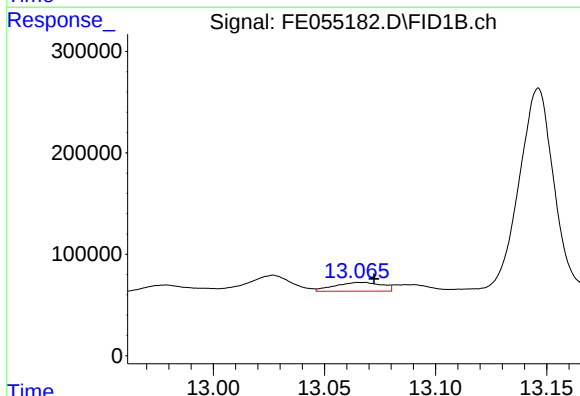
R.T.: 11.755 min
Delta R.T.: -0.003 min
Response: 50387
Conc: 0.39 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-5



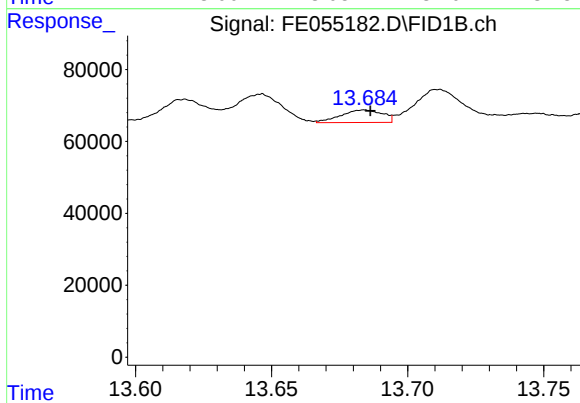
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 4793689
Conc: 33.57 ug/ml



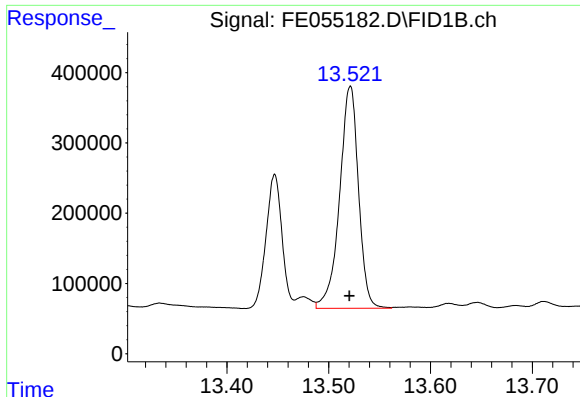
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.006 min
Response: 129134
Conc: 1.03 ug/ml



#11 n-Heneicosane (C21)

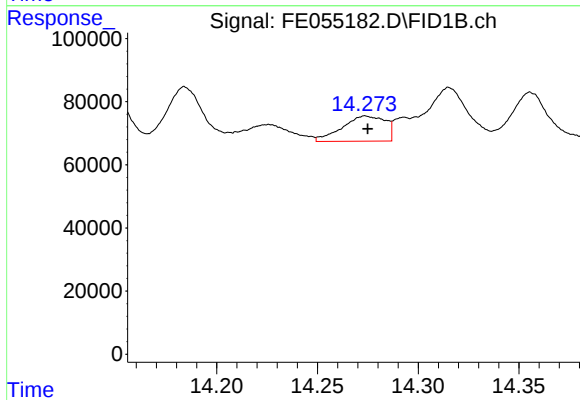
R.T.: 13.684 min
Delta R.T.: -0.002 min
Response: 37073
Conc: 0.30 ug/ml



#12 1-chlorooctadecane (SURR)

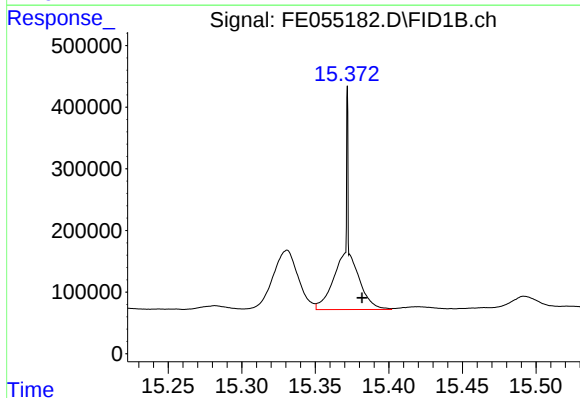
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 4078656
Conc: 37.93 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-5



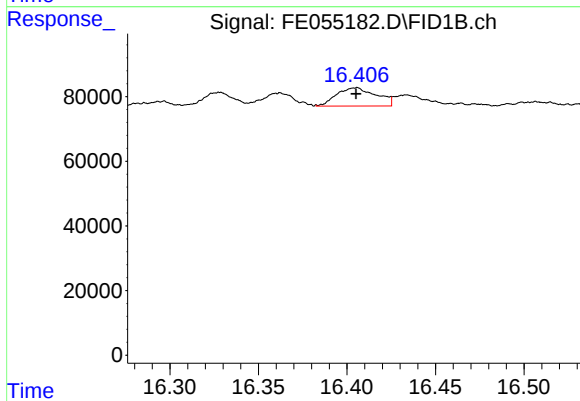
#13 n-Docosane (C22)

R.T.: 14.274 min
Delta R.T.: 0.000 min
Response: 118630
Conc: 0.97 ug/ml



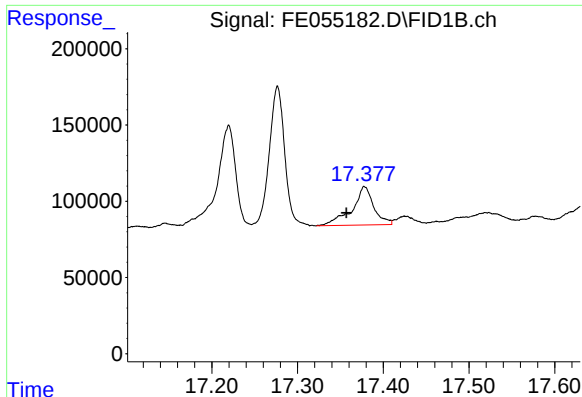
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: -0.010 min
Response: 1302898
Conc: 10.71 ug/ml



#15 n-Hexacosane (C26)

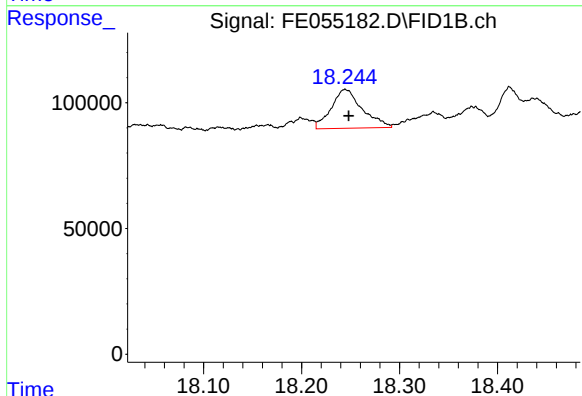
R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 88742
Conc: 0.74 ug/ml



#16 n-Octacosane (C28)

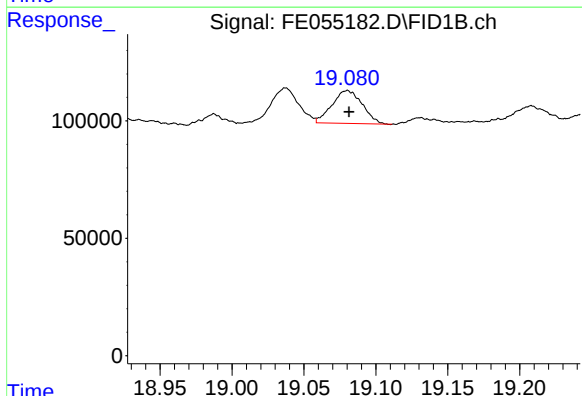
R.T.: 17.378 min
Delta R.T.: 0.021 min
Response: 444309
Conc: 3.75 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-5



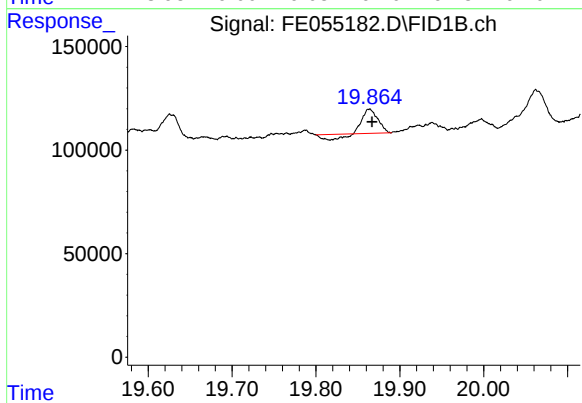
#17 n-Tricontane (C30)

R.T.: 18.245 min
Delta R.T.: -0.003 min
Response: 340047
Conc: 2.76 ug/ml



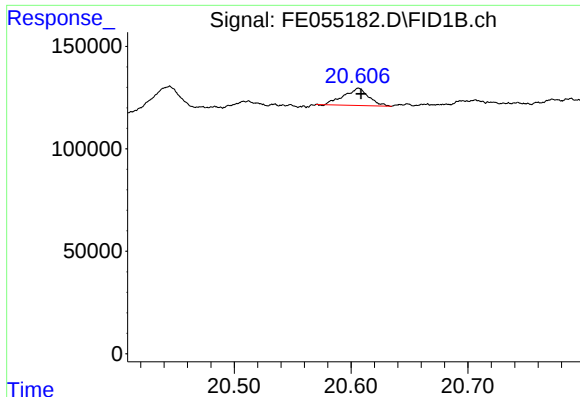
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: -0.001 min
Response: 204398
Conc: 1.68 ug/ml



#19 n-Tetratriacontane (C34)

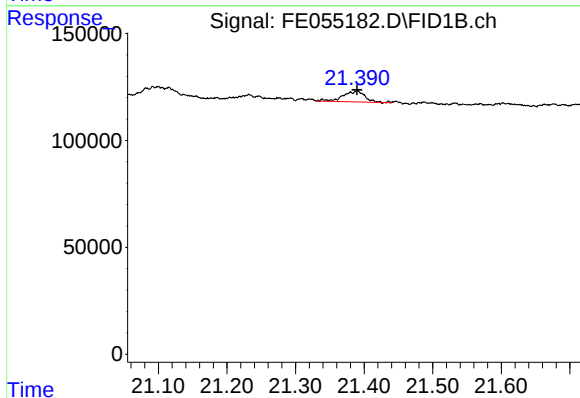
R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 109606
Conc: 0.94 ug/ml



#20 n-Hexatriacontane (C36)

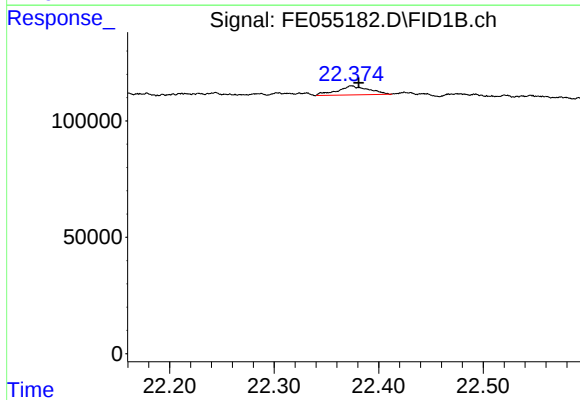
R.T.: 20.606 min
Delta R.T.: -0.002 min
Response: 124113
Conc: 1.14 ug/ml

Instrument :
FID_E
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TP-5



#21 n-Octatriacontane (C38)

R.T.: 21.390 min
Delta R.T.: 0.000 min
Response: 114849
Conc: 1.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.374 min
Delta R.T.: -0.007 min
Response: 80826
Conc: 0.77 ug/ml